

PROGETTAZIONE

STUDIO DI INGEGNERIA
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PROGETTO DI FATTIBILITA' TECNICA ED ECONOMICA

Oggetto

POTENZIAMENTO
STAZIONE DI DEFOSFATAZIONE
CHIMICA A SERVIZIO
DELL'IMPIANTO DI DEPURAZIONE
DI NOVARA (NO)

Rif. archivio: 023.23

Scala

—

Elaborato. n° ST.01.003

Rev.

00

AGGIORNAMENTI

Prima emissione — PFTE

DATA

Aprile 2025

Contenuto degli Elaborati

TABULATI DI CALCOLO

Il Responsabile

Dott. Ing. Riccardo ISOLA

Visto

Vs. Rif. arch.:

Riproduzione o consegna a terzi
solo dietro specifica autorizzazione

Ente destinatario:

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* Riservato all'Amministrazione

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1 TABULATI DI CALCOLO

— Dati Generali

— Dati generali Struttura

• Comune:	Novara
• Provincia:	Novara (NO)
• Latitudine [°]:	45.421
• Longitudine [°]:	8.5962
• Altitudine [m]:	162
• Tipo di opera:	2: Ordinaria
• Vita nominale anni:	50

— Vento

• Zona vento:	1
• Distanza dalla costa [Km]:	111.19
• Coefficiente dinamico:	1
• Quota relativa allo zero vento [m]:	0
• Periodo di ritorno [anni]:	50
• Pressione di riferimento [N/m²]:	390.91
• Coefficiente di esposizione::	
— Classe rugosità:	C: Area con ostacoli diffusi
— Categoria esposizione:	III
— Coefficiente topografico:	1
— ce max:	1.7075
— ce min:	1.7075
• Coefficienti di forma::	
— cp sopraventoX:	0.73057
— cp sottoventoX:	-0.36115
— cp sopraventoY:	0.71069
— cp sottoventoY:	-0.32138
— h* sottovento: [m]:	1.6

— Neve

• Zona neve:	I-Mediterranea
• Periodo di ritorno [anni]:	50
• Neve al suolo qsk [N/m²]:	1500
• Topografia:	Normale
• Coefficiente topografia:	1
• Coefficienti termico:	1

— Sisma

• Zona sisma:	4: irrilevante
• Codice zona regionale:	4
• Classe Uso:	III: Affollamento significativo
• Coefficiente d'uso Cu:	1.5
• Periodo di riferimento [anni]:	75
• Quota relativa allo zero sismico [m]:	0
• Smorzamento viscoso ξ [%]:	5
• Risposta locale Sisma:	
— Categoria Sottosuolo:	C: 180m/s < $V_{s,30}$ < 360m/s
— Categoria Topografica:	T1: Pianeggiante ($i < 15^\circ$)

— Fattore di struttura

• Duttilità:	Non Dissipativa
• Regolarità altezza:	Non regolare
• Regolarità in pianta:	Non regolare
• Fattore di Struttura SLV Direzione X:	
— Materiale dir X:	Calcestruzzo
— Tipologia dir X:	Telai più piani e più campate
— Fattore di struttura qx:	1.5
— q Non Dissipativo x:	1.5
• Fattore di Struttura SLV Direzione Y:	
— Materiale dir Y:	Calcestruzzo
— Tipologia dir Y:	Telai più piani e più campate
— Fattore di struttura qy:	1.5
— q Non Dissipativo y:	1.5
• Fattore di struttura qz:	1.5
• Fattore di struttura SLD:	1.5
• Verifica fattore di struttura:	No

– Sisma: Parametri ag, Fo, Tc*

Stato Limite	Pvr[%]	Tr	ag/g	Fo	Tc*[s]
SLO	81	45.161	0.01747	2.5026	0.16796
SLD	63	75.434	0.021473	2.5478	0.18386
SLV	10	711.84	0.040898	2.6534	0.29489
SLC	5	1462.2	0.048062	2.7112	0.31757

– Sisma orizzontale sito

S.L.	Prv [%]	Tr	S	ST	Ss	Cc	Tb	Tc	Td	ag	PGA	Se(Tc)
	Se(Tc)	[anni]					[s]	[s]	[s]	[m/s²]	[m/s²]	[m/s²]
	[g]											
SLO	81 0.64313	45.161	1.5	1	1.5	1.8918	0.10591	0.31774	1.6699	0.17132	0.25698	0.065581
SLD	63 0.80474	75.434	1.5	1	1.5	1.8362	0.11253	0.33759	1.6859	0.21057	0.31586	0.082061
SLV	10 1.5963	711.84	1.5	1	1.5	1.5711	0.15443	0.46329	1.7636	0.40108	0.60161	0.16278
SLC	5 1.9168	1462.2	1.5	1	1.5	1.5331	0.16229	0.48688	1.7922	0.47133	0.70699	0.19546

– Spettri elastici [g]

	direzione X [g]				direzione Y [g]				direzione Z [g]		
T [s]	SLO	SLD	SLV	SLC	SLO	SLD	SLV	SLC	SLO	SLD	SLV
	SLC										
0.00	0.0262 0.0142	0.0322	0.0613	0.0721	0.0262	0.0322	0.0613	0.0721	0.0031	0.0042	0.0112
0.05	0.0448 0.0386	0.0544	0.0942	0.1101	0.0448	0.0544	0.0942	0.1101	0.0078	0.0108	0.0296
0.10	0.0634 0.0386	0.0765	0.1270	0.1481	0.0634	0.0765	0.1270	0.1481	0.0078	0.0108	0.0296
0.15	0.0656 0.0386	0.0821	0.1599	0.1861	0.0656	0.0821	0.1599	0.1861	0.0078	0.0108	0.0296
0.20	0.0656 0.0289	0.0821	0.1628	0.1955	0.0656	0.0821	0.1628	0.1955	0.0059	0.0081	0.0222
0.25	0.0656 0.0231	0.0821	0.1628	0.1955	0.0656	0.0821	0.1628	0.1955	0.0047	0.0065	0.0178
0.30	0.0656 0.0193	0.0821	0.1628	0.1955	0.0656	0.0821	0.1628	0.1955	0.0039	0.0054	0.0148
0.35	0.0595 0.0165	0.0792	0.1628	0.1955	0.0595	0.0792	0.1628	0.1955	0.0033	0.0046	0.0127
0.40	0.0521 0.0145	0.0693	0.1628	0.1955	0.0521	0.0693	0.1628	0.1955	0.0029	0.0041	0.0111
0.45	0.0463 0.0129	0.0616	0.1628	0.1955	0.0463	0.0616	0.1628	0.1955	0.0026	0.0036	0.0099
0.50	0.0417 0.0116	0.0554	0.1508	0.1903	0.0417	0.0554	0.1508	0.1903	0.0023	0.0032	0.0089
0.60	0.0347 0.0096	0.0462	0.1257	0.1586	0.0347	0.0462	0.1257	0.1586	0.0020	0.0027	0.0074
0.70	0.0298 0.0083	0.0396	0.1077	0.1360	0.0298	0.0396	0.1077	0.1360	0.0017	0.0023	0.0063
0.80	0.0260 0.0072	0.0346	0.0943	0.1190	0.0260	0.0346	0.0943	0.1190	0.0015	0.0020	0.0056
0.90	0.0232 0.0064	0.0308	0.0838	0.1057	0.0232	0.0308	0.0838	0.1057	0.0013	0.0018	0.0049
1.00	0.0208 0.0058	0.0277	0.0754	0.0952	0.0208	0.0277	0.0754	0.0952	0.0012	0.0016	0.0044
1.50	0.0139 0.0026	0.0185	0.0503	0.0634	0.0139	0.0185	0.0503	0.0634	0.0005	0.0007	0.0020
2.00	0.0087 0.0014	0.0117	0.0332	0.0426	0.0087	0.0117	0.0332	0.0426	0.0003	0.0004	0.0011
2.50	0.0056 0.0009	0.0075	0.0213	0.0273	0.0056	0.0075	0.0213	0.0273	0.0002	0.0003	0.0007
3.00	0.0039 0.0006	0.0052	0.0148	0.0190	0.0039	0.0052	0.0148	0.0190	0.0001	0.0002	0.0005
3.50	0.0028 0.0005	0.0038	0.0109	0.0139	0.0028	0.0038	0.0109	0.0139	0.0001	0.0001	0.0004
4.00	0.0022 0.0004	0.0029	0.0083	0.0107	0.0022	0.0029	0.0083	0.0107	0.0001	0.0001	0.0003

– Spettri di progetto [g]

	direzione X [g]				direzione Y [g]				direzione Z [g]		
T [s]	SLO	SLD	SLV	SLC	SLO	SLD	SLV	SLC	SLO	SLD	SLV
	SLC										
0.00	0.0262 0.0142	0.0322	0.0613	0.0721	0.0262	0.0322	0.0613	0.0721	0.0031	0.0042	0.0112
0.05	0.0448	0.0422	0.0766	0.0900	0.0448	0.0422	0.0766	0.0900	0.0078	0.0072	0.0198

0.10	0.0257 0.0634	0.0522	0.0919	0.1080	0.0634	0.0522	0.0919	0.1080	0.0078	0.0072	0.0198
0.15	0.0257 0.0656	0.0547	0.1072	0.1259	0.0656	0.0547	0.1072	0.1259	0.0078	0.0072	0.0198
0.20	0.0257 0.0656	0.0547	0.1085	0.1303	0.0656	0.0547	0.1085	0.1303	0.0059	0.0054	0.0148
0.25	0.0193 0.0656	0.0547	0.1085	0.1303	0.0656	0.0547	0.1085	0.1303	0.0047	0.0043	0.0119
0.30	0.0154 0.0656	0.0547	0.1085	0.1303	0.0656	0.0547	0.1085	0.1303	0.0039	0.0036	0.0099
0.35	0.0129 0.0595	0.0528	0.1085	0.1303	0.0595	0.0528	0.1085	0.1303	0.0033	0.0031	0.0085
0.40	0.0110 0.0521	0.0462	0.1085	0.1303	0.0521	0.0462	0.1085	0.1303	0.0029	0.0027	0.0082
0.45	0.0096 0.0463	0.0410	0.1085	0.1303	0.0463	0.0410	0.1085	0.1303	0.0026	0.0024	0.0082
0.50	0.0096 0.0417	0.0369	0.1006	0.1269	0.0417	0.0369	0.1006	0.1269	0.0023	0.0022	0.0082
0.60	0.0096 0.0347	0.0308	0.0838	0.1057	0.0347	0.0308	0.0838	0.1057	0.0020	0.0018	0.0082
0.70	0.0096 0.0298	0.0264	0.0718	0.0906	0.0298	0.0264	0.0718	0.0906	0.0017	0.0015	0.0082
0.80	0.0096 0.0260	0.0231	0.0628	0.0793	0.0260	0.0231	0.0628	0.0793	0.0015	0.0014	0.0082
0.90	0.0096 0.0232	0.0205	0.0559	0.0705	0.0232	0.0205	0.0559	0.0705	0.0013	0.0012	0.0082
1.00	0.0096 0.0208	0.0185	0.0503	0.0634	0.0208	0.0185	0.0503	0.0634	0.0012	0.0011	0.0082
1.50	0.0096 0.0139	0.0123	0.0335	0.0423	0.0139	0.0123	0.0335	0.0423	0.0005	0.0005	0.0082
2.00	0.0096 0.0087	0.0078	0.0222	0.0284	0.0087	0.0078	0.0222	0.0284	0.0003	0.0003	0.0082
2.50	0.0096 0.0056	0.0050	0.0142	0.0182	0.0056	0.0050	0.0142	0.0182	0.0002	0.0002	0.0082
3.00	0.0096 0.0039	0.0035	0.0099	0.0126	0.0039	0.0035	0.0099	0.0126	0.0001	0.0001	0.0082
3.50	0.0096 0.0028	0.0025	0.0082	0.0096	0.0028	0.0025	0.0082	0.0096	0.0001	0.0001	0.0082
4.00	0.0096 0.0022	0.0019	0.0082	0.0096	0.0022	0.0019	0.0082	0.0096	0.0001	0.0001	0.0082

— **Carico Termico**

- Δ temp. travi elevaz. e pilastri: 15 °C
- Δ temp. travi fondazione: 0 °C

— **Opzioni di calcolo**

- g per il calcolo della forza peso: 9.8066 m/s²
- Deformabilità a taglio per travi e pilastri: Sì

— **Archivi**

— **Calcestruzzo**

N	Descrizione	fck	Rck	FC	fcm	γc	acc	εcu	Rig.Tors.
		[MPa]	[MPa]		[MPa]			[%]	[%]
4	C28/35	28	35		36	1.5	0.85	0.35	

— **Acciaio**

N	Descrizione	fyk≤40mm	FC	fym	ftk≤40mm	fyk>40mm	ftk>40mm	A	γS	γM0	γM1	γM2	E
	Laminazione	[MPa]		[MPa]	[MPa]	[MPa]	[MPa]	[%]					[GPa]
2	B450C	450		450	540	450	540	7.5	1.15	1.05	1.05	1.25	200 a

— **Materiale generico**

N	Descrizione Colore	Tipo	E	C.Pois	G	Densità	C. Dil. Term.	Rigid. Tors	FC	Prezzo
			[N/mm ²]		[N/mm ²]	[kg/m ³]	[10 ⁻⁶ /°C]	[%]		[€/m ³]
2	B450C	Fe	200000	0.3	76923	7850	12		100	9420.00
4	C28/35	Cls	31476	0.2	13115	2500	12		5	100.00

– Archivio vincoli. Rigidezze diagonale

N	Descrizione	kx [N/m]	ky [N/m]	kz [N/m]	krx [Nm]	kry [Nm]	krz [Nm]	Unione
1	incastro	∞	∞	∞	∞	∞	∞	1) Assente
2	libero	0	0	0	0	0	0	1) Assente
4	$\Delta x = \Delta y = 0$	∞	∞	0	0	0	0	1) Assente

– Archivio vincoli. Rigidezze aggiuntive

N	Descrizione	kxy	kxz	kx _{rx}	kx _{ry}	kx _{rz}	kyz	ky _{rx}	ky _{ry}	ky _{rz}	kz _{rx}	kz _{ry}	kz _{rz}	k _{rx} _{ry}	k _{rx} _{rz}
		[N/m]	[N/m]	[N]	[N]	[N]	[N/m]	[N]	[N]	[N]	[N]	[N]	[N]	[Nm]	[Nm]
1	incastro	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	libero	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	$\Delta x = \Delta y = 0$	0	0	0	0	0	0	0	0	0	0	0	0	0	0

– Unioni

N	Descrizione	Resistenze	Formule	Parametri Gen.	Riferimento	α [°]	Fori	Stmp
	Prezzo							
	[€]	Unioni	Unioni	Verifiche		Gruppo	Bulloni	
1	Assente	1) Infinita	1) No	2) Default qND	Asse Beam		0 1) F0	
2	Default	1) Infinita	2) $\Sigma c \leq 1$	2) Default qND	Asse Beam		0 1) F0	

– Fori Bulloni

N	Descrizione	ϕ_{tot} [mm] per Ala	ϕ_{tot} [mm] per Amima	Lung. [m]
1	F0	0	0	0

– Resistenze Unioni

N	Descrizione	Fx Max	Fx Min	Fy Max	Fy Min	Fz Max	Fz Min	Mx Max	Mx Min	My Max	My Min	Mz Max
	Mz Min											
	[kNm]	[kN]	[kN]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]	[kNm]	[kNm]	[kNm]
1	Infinita	∞	-∞	∞	-∞	∞	-∞	∞	-∞	∞	-∞	

– Formule Unioni

N	Descrizione	Formula	Valida
1	No		No

– Sisma

• Categoria Sottosuolo: C: 180m/s < $V_{s,30}$ < 360m/s

– Stratigrafie

N	Descrizione	falda [m]	Strati
1	Tipo A	20	3 strati: H _{tot} = 11

– Stratigrafia Tipo A (3 strati: H_{tot} = 11)

N	Descrizione	Classe	Tipo	Classe 2	Potenza	γ	ϕ'	ϕ'_{cv}	Dr	IC	c'	cu	v	NSPT	OCR	$\Delta\sigma'_p$	E _{ed}	CR	RR
	CR/RR	FC				[m]	[kN/m³]	[°]	[°]	[%]	[kPa]	[kPa]				[kPa]	[MPa]		
1	Depositi Sabbiosi	sabbia	media	sabbiosa	5	19.8	32	32	50		0	0	0.32	18	1		20		
2	Depositi Sabbiosi2	sabbia	media	limosa	3	22.8	33	33	55		0	0	0.32	21	1		20		
3	Depositi Limosi	limo	media	sabbiosa	3	18.5	30	30	62	0.4	0	1	0.32	30	1		20		

– Opzioni verifica terreni

N	Descrizione	Portanza	Portanza	Scorr.	Scorr.	Liquef.	cedimenti	ced. Burl.	H compr.	ced. Max	d/ Δw
	k Amplif.										
	Sisma	Drenata	Non Dren.	Drenato	Non Dren.		Edometrici	Burbidge	Bur-Bur [m]	[m]	
1	Opz.A	Si	No	Si	No	Si	No	Si	auto	auto	auto

– Suoli di posa fondazioni

N	Descrizione	kw Trasv./kw	kw Ass./kw	Stratigrafia	Opzioni Verifiche	Prof. di	H sbanc.	H riporto	γ
riporto					Terreno	posa [m]	later. [m]	Later. [m]	

- Luce netta travi gerarchia V-M: Si
- SLU Lineare per fondazioni: Si
- SLU Lineare solo Cmb SLV: No
- SLU Lineare Cls per qND: No
- Tipo Verif. Fondazione Sismica: γ_{Rd} NTC18
- q non dissipativo verifica nodi: qND
- q Taglio max gerarchia V-M: qND
- q Momento max gerarchia Trav-Pil: qND
- q verifica fondazioni: qND
- q verifica pareti non dissipative: qND
- qNd di default per shell in CA: Si
- qNd di default per elementi in Legno: Si
- qNd di default per elementi in Acciaio: Si
- qNd di default per Unioni: Si

Opzioni Verifiche Struttura

- N sez. di verifica pilastri di Wink.: 13
- N sez. di verifica travi: 11
- α Ghersi: 1.5
- α Pressoflessione Deviata: EC2 o Monti
- Snellezza, calcolo L0. $k_1=k_2$: 0.1
- Struttura a nodi fissi: No
- Parametro EC2 6.4.5 (3) $V_{rd,max}$: 0.4
- EC2 (6.52): $V_{rd,cs} = 0.75 \cdot V_{rd,c} + \dots$: Si
- Per taglio: $\alpha_c = f[Ned/(Ac + n As), f_{cd}]$: No
- Verifica Nodi CNTC18: Si
- Taglio pareti CDB come da EC8: No
- Volume totale staffe per [7.4.30]: No
- Caratteristiche medie stati: No
- K_h per portanza sismica: §C7.11.5.3.1: Si
- Verifica liquefazione con LPI: Si
- Verifica nodi fondazioni esistenti: Si
- Formule verifica nodi esistenti: CNTC o EC8
- [A/L] Limite deformabilità orizzontale H/Δ : 500
- [A/L] Limite deformabilità orizzontale h/δ : 300
- Verifica λ limite Fe se $Ned \geq 0.04N_{cr}$: Si
- Asta carica/scarica. ΔM : 10 %
- Asta carica/scarica. Interpolata: Si
- Limite Def. Tamponatura SLD / H: 0.005
- Limite Def. Muratura Ord. SLD / H: 0.002
- Limite Def. Muratura Armata SLD / H: 0.003
- Limite Def. Muratura Confinata SLD / H: 0.0025
- Limite Def. Muratura Taglio SLV / H: 0.004
- Limite Def. Muratura Nuova Fless SLV / H: 0.008
- Limite Def. Muratura Esist. Fless SLV / H: 0.006
- Limite Def. Muratura Taglio SLC / H: 0.005
- Limite Def. Muratura Flessione SLC / H: 0.01

Parametri FEM Shell

N	Descrizione	%E	%E	%G	Lung Max	L.Max Mesh	Elem.Fin.	Irrig.	Irrig.	K.Dist.	% rig.tors.	FEM con	FEM con	Vincoli Interni	Copia
vin-	Mesh Q	fles	ass		Mesh [m]	Perim. [m]	Shell	Pil.	Parete	Irrig.	Link WCM	Delta	Rigel	Perimetrali	coli Lato
	Sempl.														
1	Parametri Shell auto	100	100	100	1.2	1.2	T-R	Si	No	0.33	100	Si	No	incastrati	auto
2	Par. Parete Shell auto	100	100	100	1.2	1.2	Quadril.	Si	No	0.33	100	Si	No	incastrati	auto

Opzioni FEM Struttura

- g per conversione massa/peso: 9.80665 [m/s²]
- E elementi secondari: 0.1 [%]
- Carico impronta solaio su travi laterali: Si
- Carichi sui braccetti rigidi: Si
- Fascia aggiuntiva solaio su travi laterali: 0 [m]
- H.concio/Diam.Palo: 1
- Deformabilità taglio: Si
- Nodo master-rigel su Winkler: Si
- Carico P- Δ Quasi Permanente: Si
- Carico termico elementi in piano rigido: No
- Cerniera su rigel WCM: Si
- Bielle solai solo su nodi logici: No
- Lunghezza Max Mesh: 1.2 [m]
- Lunghezza Mesh su nodo: 0.3 [m]
- Coef Incremento Mesh: 1.41

- Lmax/Lmin Rettangolo (Q4+DKQ): 10
- Angolo minimo (Q4+DKQ): 20 [°]
- Latî mesh sempre pari: No

Sezioni Pareti Calcestruzzo

N	Descrizione	Spess. Colore	Materiale	Criteri CA	Tipo	Parametri	k.Wink.	Posa	Parametri FEM	Parametri Prog.
Int. G2						Pareti CA	[N/cm²]	Fondazione	Shell	Shell CA
		[m]								
1	s30 parete shell 0	0.3	4) C28/35	1) default	Shell	1) par.Parete Elev	0		2) Par. Parete Shell	1) opz prog Shell
3	Platea 0	0.7	4) C28/35	1) default	Shell	1) par.Parete Elev	100	1) Posa A	1) Parametri Shell	1) opz prog Shell

Opz. generali solai

- γ cls umido: 3000 kg/m³

Archivio Azioni

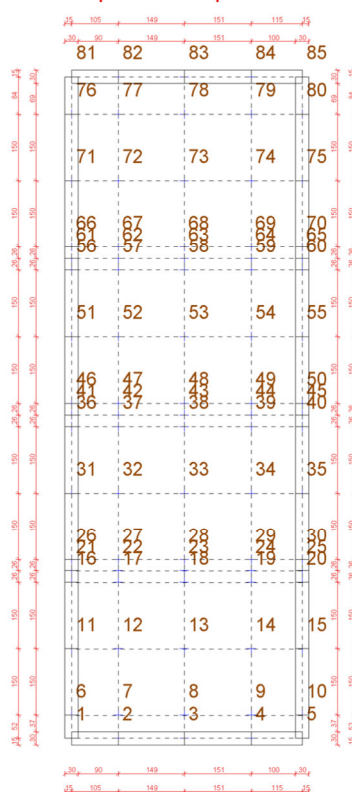
N	Descrizione	Descrizione estesa	Tipo	Cat.	γ	ψ0	ψ1	ψ2
	Classe							
	Durata							
2	Caric. Perm. Perm.	Carichi permanenti elementi non strutturali	G2		1.3	1	1	1

Archivio Distribuiti 2D

N	Descrizione	Carico [kN/m²]	Azione	Masse	Direzione Carichi
1	Liquido	21.6	2) Caric. Perm.	No	normale
2	Pressione	100	2) Caric. Perm.	Sì	verticale

Struttura

Fili fissi piano 0 a quota Q=0m



Fili

N	x [m]	y [m]	Tipo	Angolo [°]
---	-------	-------	------	---------------

1	0	0 5)	+	0
2	1.05	0 5)	+	0
3	2.54	0 5)	+	0
4	4.05	0 5)	+	0
5	5.2	0 5)	+	0
6	0	0.52 5)	+	0
7	1.05	0.52 5)	+	0
8	2.54	0.52 5)	+	0
9	4.05	0.52 5)	+	0
10	5.2	0.52 5)	+	0
11	0	2.02 5)	+	0
12	1.05	2.02 5)	+	0
13	2.54	2.02 5)	+	0
14	4.05	2.02 5)	+	0
15	5.2	2.02 5)	+	0
16	0	3.52 5)	+	0
17	1.05	3.52 5)	+	0
18	2.54	3.52 5)	+	0
19	4.05	3.52 5)	+	0
20	5.2	3.52 5)	+	0
21	0	3.78 5)	+	0
22	1.05	3.78 5)	+	0
23	2.54	3.78 5)	+	0
24	4.05	3.78 5)	+	0
25	5.2	3.78 5)	+	0
26	0	4.04 5)	+	0
27	1.05	4.04 5)	+	0
28	2.54	4.04 5)	+	0
29	4.05	4.04 5)	+	0
30	5.2	4.04 5)	+	0
31	0	5.54 5)	+	0
32	1.05	5.54 5)	+	0
33	2.54	5.54 5)	+	0
34	4.05	5.54 5)	+	0
35	5.2	5.54 5)	+	0
36	0	7.04 5)	+	0
37	1.05	7.04 5)	+	0
38	2.54	7.04 5)	+	0
39	4.05	7.04 5)	+	0
40	5.2	7.04 5)	+	0
41	0	7.3 5)	+	0
42	1.05	7.3 5)	+	0
43	2.54	7.3 5)	+	0
44	4.05	7.3 5)	+	0
45	5.2	7.3 5)	+	0
46	0	7.56 5)	+	0
47	1.05	7.56 5)	+	0
48	2.54	7.56 5)	+	0
49	4.05	7.56 5)	+	0
50	5.2	7.56 5)	+	0
51	0	9.06 5)	+	0
52	1.05	9.06 5)	+	0
53	2.54	9.06 5)	+	0
54	4.05	9.06 5)	+	0
55	5.2	9.06 5)	+	0
56	0	10.56 5)	+	0
57	1.05	10.56 5)	+	0
58	2.54	10.56 5)	+	0
59	4.05	10.56 5)	+	0
60	5.2	10.56 5)	+	0
61	0	10.82 5)	+	0
62	1.05	10.82 5)	+	0
63	2.54	10.82 5)	+	0
64	4.05	10.82 5)	+	0
65	5.2	10.82 5)	+	0
66	0	11.08 5)	+	0
67	1.05	11.08 5)	+	0
68	2.54	11.08 5)	+	0
69	4.05	11.08 5)	+	0
70	5.2	11.08 5)	+	0
71	0	12.58 5)	+	0
72	1.05	12.58 5)	+	0

73	2.54	12.58	5)	+	0
74	4.05	12.58	5)	+	0
75	5.2	12.58	5)	+	0
76	0	14.08	5)	+	0
77	1.05	14.08	5)	+	0
78	2.54	14.08	5)	+	0
79	4.05	14.08	5)	+	0
80	5.2	14.08	5)	+	0
81	0	14.92	5)	+	0
82	1.05	14.92	5)	+	0
83	2.54	14.92	5)	+	0
84	4.05	14.92	5)	+	0
85	5.2	14.92	5)	+	0

— Piani

N	z [m]	Esteso	Rigido
0	0	No	No
1	1.6	No	No

— Nodi

Piano	N	Δz [m]	Vincolo Esterno	Lung max Mesh [m]	Gruppo Rigido	Massa Sismica	Verif Res.
0	1	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	2	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	3	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	4	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	5	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	6	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	7	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	8	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	9	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	10	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	11	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	12	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	13	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	14	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	15	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	16	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	17	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	18	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	19	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	20	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	21	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	22	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	23	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	24	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	25	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	26	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	27	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	28	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	29	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	30	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	31	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	32	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	33	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	34	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	35	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	36	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	37	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	38	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	39	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	40	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	41	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	42	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	43	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	44	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	45	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	46	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	47	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	48	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	49	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default
0	50	0	4) $\Delta x = \Delta y = 0$	0.3	0	auto	Default

0	51	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	52	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	53	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	54	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	55	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	56	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	57	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	58	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	59	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	60	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	61	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	62	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	63	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	64	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	65	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	66	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	67	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	68	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	69	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	70	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	71	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	72	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	73	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	74	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	75	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	76	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	77	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	78	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	79	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	80	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	81	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	82	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	83	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	84	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default
0	85	0 4) $\Delta x = \Delta y = 0$	0.3	0 auto	Default

– Pareti Shell

Piano	N	Filo	Filo	Piano	Sezione	Δx_i	Δy_i	Δx_f	Δy_f
	Megaparete								
		Ini	Fin	Inf		[cm]	[cm]	[cm]	[cm]
1	1	1	2	0 1) s30 parete shell		0	0	0	0
1	2	2	3	0 1) s30 parete shell		0	0	0	0
1	3	3	4	0 1) s30 parete shell		0	0	0	0
1	4	4	5	0 1) s30 parete shell		0	0	0	0
1	5	82	81	0 1) s30 parete shell		0	0	0	0
1	6	83	82	0 1) s30 parete shell		0	0	0	0
1	7	84	83	0 1) s30 parete shell		0	0	0	0
1	8	85	84	0 1) s30 parete shell		0	0	0	0
1	9	81	76	0 1) s30 parete shell		0	0	0	0
1	10	6	1	0 1) s30 parete shell		0	0	0	0
1	11	11	6	0 1) s30 parete shell		0	0	0	0
1	12	16	11	0 1) s30 parete shell		0	0	0	0
1	13	21	16	0 1) s30 parete shell		0	0	0	0
1	14	26	21	0 1) s30 parete shell		0	0	0	0
1	15	31	26	0 1) s30 parete shell		0	0	0	0
1	16	36	31	0 1) s30 parete shell		0	0	0	0

1	3								
	17	41	36	0 1) s30 parete shell	0	0	0	0	
1	3								
	18	46	41	0 1) s30 parete shell	0	0	0	0	
1	3								
	19	51	46	0 1) s30 parete shell	0	0	0	0	
1	3								
	20	56	51	0 1) s30 parete shell	0	0	0	0	
1	3								
	21	61	56	0 1) s30 parete shell	0	0	0	0	
1	3								
	22	66	61	0 1) s30 parete shell	0	0	0	0	
1	3								
	23	71	66	0 1) s30 parete shell	0	0	0	0	
1	3								
	24	76	71	0 1) s30 parete shell	0	0	0	0	
1	3								
	25	5	10	0 1) s30 parete shell	0	0	0	0	
1	4								
	26	10	15	0 1) s30 parete shell	0	0	0	0	
1	4								
	27	15	20	0 1) s30 parete shell	0	0	0	0	
1	4								
	28	20	25	0 1) s30 parete shell	0	0	0	0	
1	4								
	29	25	30	0 1) s30 parete shell	0	0	0	0	
1	4								
	30	30	35	0 1) s30 parete shell	0	0	0	0	
1	4								
	31	35	40	0 1) s30 parete shell	0	0	0	0	
1	4								
	32	40	45	0 1) s30 parete shell	0	0	0	0	
1	4								
	33	45	50	0 1) s30 parete shell	0	0	0	0	
1	4								
	34	50	55	0 1) s30 parete shell	0	0	0	0	
1	4								
	35	55	60	0 1) s30 parete shell	0	0	0	0	
1	4								
	36	60	65	0 1) s30 parete shell	0	0	0	0	
1	4								
	37	65	70	0 1) s30 parete shell	0	0	0	0	
1	4								
	38	70	75	0 1) s30 parete shell	0	0	0	0	
1	4								
	39	75	80	0 1) s30 parete shell	0	0	0	0	
1	4								
	40	80	85	0 1) s30 parete shell	0	0	0	0	
1	4								

— Piastre

Piano	N Cern. int.	Filo 1	Filo 2	Filo 3	Filo 4	Piani 3 e 4	Megapietra	Δz [cm]	Cern. int. 1° lato	Cern. int. 2° lato	Cern. int. 3° lato
0	1	1	2	7	6	0	1	0	No	No	No
0	No										
0	2	2	3	8	7	0	1	0	No	No	No
0	No										
0	3	3	4	9	8	0	1	0	No	No	No
0	No										
0	4	4	5	10	9	0	1	0	No	No	No
0	No										
0	5	6	7	12	11	0	1	0	No	No	No
0	No										
0	6	7	8	13	12	0	1	0	No	No	No
0	No										
0	7	8	9	14	13	0	1	0	No	No	No
0	No										
0	8	9	10	15	14	0	1	0	No	No	No
0	No										
0	9	11	12	17	16	0	1	0	No	No	No
0	No										
0	10	12	13	18	17	0	1	0	No	No	No
0	No										

0	11	13	14	19	18	0	1	0	No	No	No
0	No 12	14	15	20	19	0	1	0	No	No	No
0	No 13	16	17	22	21	0	1	0	No	No	No
0	No 14	17	18	23	22	0	1	0	No	No	No
0	No 15	18	19	24	23	0	1	0	No	No	No
0	No 16	19	20	25	24	0	1	0	No	No	No
0	No 17	21	22	27	26	0	1	0	No	No	No
0	No 18	22	23	28	27	0	1	0	No	No	No
0	No 19	23	24	29	28	0	1	0	No	No	No
0	No 20	24	25	30	29	0	1	0	No	No	No
0	No 21	26	27	32	31	0	1	0	No	No	No
0	No 22	27	28	33	32	0	1	0	No	No	No
0	No 23	28	29	34	33	0	1	0	No	No	No
0	No 24	29	30	35	34	0	1	0	No	No	No
0	No 25	31	32	37	36	0	1	0	No	No	No
0	No 26	32	33	38	37	0	1	0	No	No	No
0	No 27	33	34	39	38	0	1	0	No	No	No
0	No 28	34	35	40	39	0	1	0	No	No	No
0	No 29	36	37	42	41	0	1	0	No	No	No
0	No 30	37	38	43	42	0	1	0	No	No	No
0	No 31	38	39	44	43	0	1	0	No	No	No
0	No 32	39	40	45	44	0	1	0	No	No	No
0	No 33	41	42	47	46	0	1	0	No	No	No
0	No 34	42	43	48	47	0	1	0	No	No	No
0	No 35	43	44	49	48	0	1	0	No	No	No
0	No 36	44	45	50	49	0	1	0	No	No	No
0	No 37	46	47	52	51	0	1	0	No	No	No
0	No 38	47	48	53	52	0	1	0	No	No	No
0	No 39	48	49	54	53	0	1	0	No	No	No
0	No 40	49	50	55	54	0	1	0	No	No	No
0	No 41	51	52	57	56	0	1	0	No	No	No
0	No 42	52	53	58	57	0	1	0	No	No	No
0	No 43	53	54	59	58	0	1	0	No	No	No
0	No 44	54	55	60	59	0	1	0	No	No	No
0	No 45	56	57	62	61	0	1	0	No	No	No
0	No 46	57	58	63	62	0	1	0	No	No	No
0	No 47	58	59	64	63	0	1	0	No	No	No
0	No 48	59	60	65	64	0	1	0	No	No	No
0	No 49	61	62	67	66	0	1	0	No	No	No
0	No 50	62	63	68	67	0	1	0	No	No	No
0	No 51	63	64	69	68	0	1	0	No	No	No
0	No 52	64	65	70	69	0	1	0	No	No	No

0	No	66	67	72	71	0	1	0	No	No	No
0	53										
0	No	67	68	73	72	0	1	0	No	No	No
0	54										
0	No	68	69	74	73	0	1	0	No	No	No
0	55										
0	No	69	70	75	74	0	1	0	No	No	No
0	56										
0	No	71	72	77	76	0	1	0	No	No	No
0	57										
0	No	72	73	78	77	0	1	0	No	No	No
0	58										
0	No	73	74	79	78	0	1	0	No	No	No
0	59										
0	No	74	75	80	79	0	1	0	No	No	No
0	60										
0	No	76	77	82	81	0	1	0	No	No	No
0	61										
0	No	77	78	83	82	0	1	0	No	No	No
0	62										
0	No	78	79	84	83	0	1	0	No	No	No
0	63										
0	No	79	80	85	84	0	1	0	No	No	No
0	64										
0	No										

— Megapareti

Megaparete			Origine Rif.Loc			Versore X Rif.Loc			Versore Y Rif.Loc			Versore Z Rif.Loc	
N°	Sezione z [m]	piano sup	x [m]	y [m]	z [m]	x [m]	y [m]	z [m]	x [m]	y [m]	z [m]	x [m]	y [m]
1 1.0000	1) s30 parete shell 0.0000	1	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	0.0000	1.0000	0.0000	-
2 1.0000	1) s30 parete shell 0.0000	1	0.0000	14.9200	0.0000	1.0000	-0.0000	-0.0000	0.0000	0.0000	1.0000	0.0000	-
3	1) s30 parete shell 0.0000	1 -0.0000	0.0000	0.0000	0.0000	-0.0000	1.0000	-0.0000	0.0000	0.0000	1.0000	1.0000	
4	1) s30 parete shell 0.0000	1 0.0000	5.2000	0.0000	0.0000	0.0000	1.0000	0.0000	0.0000	0.0000	1.0000	1.0000	

— Megapiastre

Megapiastra			Origine Rif.Loc			Versore X Rif.Loc			Versore Y Rif.Loc			Versore Z Rif.Loc	
N°	Sezione z [m]	piano sup	x [m]	y [m]	z [m]	x [m]	y [m]	z [m]	x [m]	y [m]	z [m]	x [m]	y [m]
1	3) Platea 0.0000	0 1.0000	0.0000	0.0000	-0.3500	1.0000	0.0000	-0.0000	-0.0000	1.0000	0.0000	0.0000	

— Discretizzazione Lastre e Piastre

Macroelemento					Elementi finiti				Dimensioni E.F.				
Tipo	Piano Lung	N°	Lati	Sup	Tipo	Num.	Nodi	Nodi	L.Min	L.Max	Angolo	Angolo	Angolo
				[m²]		Ele.	Perim	Interni	[m]	[m]	min [°]	med. [°]	max [°]
	Lati												
Piastra	0	1	4	0.546	LSR+ACM	8	12	3	0.21784	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	2	4	0.7748	LSR+ACM	12	16	5	0.16939	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	3	4	0.7852	LSR+ACM	12	16	5	0.17167	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	4	4	0.598	LSR+ACM	8	12	3	0.23859	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	5	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	6	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	7	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	8	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	9	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	10	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	11	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	12	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	13	4	0.273	LSR+ACM	8	12	3	0.13	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	14	4	0.3874	LSR+ACM	12	16	5	0.13	0.33677	90.0	90	90.0

	0.0%												
Piastra	0	15	4	0.3926	LSR+ACM	12	16	5	0.13	0.34129	90.0	90	90.0
	-0.0%												
Piastra	0	16	4	0.299	LSR+ACM	8	12	3	0.13	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	17	4	0.273	LSR+ACM	8	12	3	0.13	0.30716	90.0	90	90.0
	-0.0%												
Piastra	0	18	4	0.3874	LSR+ACM	12	16	5	0.13	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	19	4	0.3926	LSR+ACM	12	16	5	0.13	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	20	4	0.299	LSR+ACM	8	12	3	0.13	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	21	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	22	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	23	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	24	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	25	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	26	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	27	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	28	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	29	4	0.273	LSR+ACM	8	12	3	0.13	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	30	4	0.3874	LSR+ACM	12	16	5	0.13	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	31	4	0.3926	LSR+ACM	12	16	5	0.13	0.34129	90.0	90	90.0
	-0.0%												
Piastra	0	32	4	0.299	LSR+ACM	8	12	3	0.13	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	33	4	0.273	LSR+ACM	8	12	3	0.13	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	34	4	0.3874	LSR+ACM	12	16	5	0.13	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	35	4	0.3926	LSR+ACM	12	16	5	0.13	0.34129	90.0	90	90.0
	-0.0%												
Piastra	0	36	4	0.299	LSR+ACM	8	12	3	0.13	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	37	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	38	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	39	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	40	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	41	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	42	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	43	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	44	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	45	4	0.273	LSR+ACM	8	12	3	0.13	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	46	4	0.3874	LSR+ACM	12	16	5	0.13	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	47	4	0.3926	LSR+ACM	12	16	5	0.13	0.34129	90.0	90	90.0
	-0.0%												
Piastra	0	48	4	0.299	LSR+ACM	8	12	3	0.13	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	49	4	0.273	LSR+ACM	8	12	3	0.13	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	50	4	0.3874	LSR+ACM	12	16	5	0.13	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	51	4	0.3926	LSR+ACM	12	16	5	0.13	0.34129	90.0	90	90.0
	-0.0%												
Piastra	0	52	4	0.299	LSR+ACM	8	12	3	0.13	0.33641	90.0	90	90.0
	0.0%												
Piastra	0	53	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	54	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	55	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												

Piastra	0	56	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	57	4	1.575	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	-0.0%												
Piastra	0	58	4	2.235	LSR+ACM	36	24	25	0.16939	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	59	4	2.265	LSR+ACM	36	24	25	0.17053	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	60	4	1.725	LSR+ACM	24	20	15	0.17053	0.33903	90.0	90	90.0
	0.0%												
Piastra	0	61	4	0.882	LSR+ACM	16	16	9	0.17427	0.30716	90.0	90	90.0
	0.0%												
Piastra	0	62	4	1.2516	LSR+ACM	24	20	15	0.16939	0.33677	90.0	90	90.0
	0.0%												
Piastra	0	63	4	1.2684	LSR+ACM	24	20	15	0.17167	0.34129	90.0	90	90.0
	0.0%												
Piastra	0	64	4	0.966	LSR+ACM	16	16	9	0.17427	0.33641	90.0	90	90.0
	-0.0%												
Parete	1	1	4	1.68	Q4+DKQ	24	20	15	0.1819	0.36163	90.0	90	90.0
	-0.0%												
Parete	1	2	4	2.384	Q4+DKQ	36	24	25	0.16939	0.36163	90.0	90	90.0
	0.0%												
Parete	1	3	4	2.416	Q4+DKQ	36	24	25	0.17167	0.36163	90.0	90	90.0
	-0.0%												
Parete	1	4	4	1.84	Q4+DKQ	24	20	15	0.1819	0.36163	90.0	90	90.0
	0.0%												
Parete	1	5	4	1.68	Q4+DKQ	24	20	15	0.1819	0.36163	90.0	90	90.0
	0.0%												
Parete	1	6	4	2.384	Q4+DKQ	36	24	25	0.16939	0.36163	90.0	90	90.0
	0.0%												
Parete	1	7	4	2.416	Q4+DKQ	36	24	25	0.17167	0.36163	90.0	90	90.0
	-0.0%												
Parete	1	8	4	1.84	Q4+DKQ	24	20	15	0.1819	0.36163	90.0	90	90.0
	0.0%												
Parete	1	9	4	1.344	Q4+DKQ	24	20	15	0.17427	0.36163	90.0	90	90.0
	0.0%												
Parete	1	10	4	0.832	Q4+DKQ	12	16	5	0.1819	0.36163	90.0	90	90.0
	0.0%												
Parete	1	11	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	12	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	13	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	14	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	15	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	16	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	17	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	18	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	19	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	-0.0%												
Parete	1	20	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	21	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	22	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	23	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	24	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	25	4	0.832	Q4+DKQ	12	16	5	0.1819	0.36163	90.0	90	90.0
	0.0%												
Parete	1	26	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	27	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	28	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	29	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	30	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	31	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
	0.0%												
Parete	1	32	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
	0.0%												
Parete	1	33	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0

Parete	0.0%	1	34	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
Parete	0.0%	1	35	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
Parete	0.0%	1	36	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
Parete	0.0%	1	37	4	0.416	Q4+DKQ	12	16	5	0.13	0.36163	90.0	90	90.0
Parete	0.0%	1	38	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
Parete	0.0%	1	39	4	2.4	Q4+DKQ	36	24	25	0.17053	0.36163	90.0	90	90.0
Parete	0.0%	1	40	4	1.344	Q4+DKQ	24	20	15	0.17427	0.36163	90.0	90	90.0

— Carichi

— Azione su piastra

Piano	N	Carico	Piastra	Fili:	k1	k2	k3
	k4						
		Distribuito 2D		(1°-2°-3°-4°)			
0	1	2) Pressione	1)	1-2-7-6	1	1	1
0	2	2) Pressione	2)	2-3-8-7	1	1	1
0	3	2) Pressione	3)	3-4-9-8	1	1	1
0	4	2) Pressione	4)	4-5-10-9	1	1	1
0	5	2) Pressione	5)	6-7-12-11	1	1	1
0	6	2) Pressione	6)	7-8-13-12	1	1	1
0	7	2) Pressione	7)	8-9-14-13	1	1	1
0	8	2) Pressione	8)	9-10-15-14	1	1	1
0	9	2) Pressione	9)	11-12-17-16	1	1	1
0	10	2) Pressione	10)	12-13-18-17	1	1	1
0	11	2) Pressione	11)	13-14-19-18	1	1	1
0	12	2) Pressione	12)	14-15-20-19	1	1	1
0	13	2) Pressione	13)	16-17-22-21	1	1	1
0	14	2) Pressione	14)	17-18-23-22	1	1	1
0	15	2) Pressione	15)	18-19-24-23	1	1	1
0	16	2) Pressione	16)	19-20-25-24	1	1	1
0	17	2) Pressione	17)	21-22-27-26	1	1	1
0	18	2) Pressione	18)	22-23-28-27	1	1	1
0	19	2) Pressione	19)	23-24-29-28	1	1	1
0	20	2) Pressione	20)	24-25-30-29	1	1	1
0	21	2) Pressione	21)	26-27-32-31	1	1	1
0	22	2) Pressione	22)	27-28-33-32	1	1	1
0	23	2) Pressione	23)	28-29-34-33	1	1	1
0	24	2) Pressione	24)	29-30-35-34	1	1	1
0	25	2) Pressione	25)	31-32-37-36	1	1	1

0	26 2) Pressione 1	26)	32-33-38-37	1	1	1
0	27 2) Pressione 1	27)	33-34-39-38	1	1	1
0	28 2) Pressione 1	28)	34-35-40-39	1	1	1
0	29 2) Pressione 1	29)	36-37-42-41	1	1	1
0	30 2) Pressione 1	30)	37-38-43-42	1	1	1
0	31 2) Pressione 1	31)	38-39-44-43	1	1	1
0	32 2) Pressione 1	32)	39-40-45-44	1	1	1
0	33 2) Pressione 1	33)	41-42-47-46	1	1	1
0	34 2) Pressione 1	34)	42-43-48-47	1	1	1
0	35 2) Pressione 1	35)	43-44-49-48	1	1	1
0	36 2) Pressione 1	36)	44-45-50-49	1	1	1
0	37 2) Pressione 1	37)	46-47-52-51	1	1	1
0	38 2) Pressione 1	38)	47-48-53-52	1	1	1
0	39 2) Pressione 1	39)	48-49-54-53	1	1	1
0	40 2) Pressione 1	40)	49-50-55-54	1	1	1
0	41 2) Pressione 1	41)	51-52-57-56	1	1	1
0	42 2) Pressione 1	42)	52-53-58-57	1	1	1
0	43 2) Pressione 1	43)	53-54-59-58	1	1	1
0	44 2) Pressione 1	44)	54-55-60-59	1	1	1
0	45 2) Pressione 1	45)	56-57-62-61	1	1	1
0	46 2) Pressione 1	46)	57-58-63-62	1	1	1
0	47 2) Pressione 1	47)	58-59-64-63	1	1	1
0	48 2) Pressione 1	48)	59-60-65-64	1	1	1
0	49 2) Pressione 1	49)	61-62-67-66	1	1	1
0	50 2) Pressione 1	50)	62-63-68-67	1	1	1
0	51 2) Pressione 1	51)	63-64-69-68	1	1	1
0	52 2) Pressione 1	52)	64-65-70-69	1	1	1
0	53 2) Pressione 1	53)	66-67-72-71	1	1	1
0	54 2) Pressione 1	54)	67-68-73-72	1	1	1
0	55 2) Pressione 1	55)	68-69-74-73	1	1	1
0	56 2) Pressione 1	56)	69-70-75-74	1	1	1
0	57 2) Pressione 1	57)	71-72-77-76	1	1	1
0	58 2) Pressione 1	58)	72-73-78-77	1	1	1
0	59 2) Pressione 1	59)	73-74-79-78	1	1	1
0	60 2) Pressione 1	60)	74-75-80-79	1	1	1
0	61 2) Pressione 1	61)	76-77-82-81	1	1	1

0	62	2) Pressione	62)	77-78-83-82	1	1	1
	1						
0	63	2) Pressione	63)	78-79-84-83	1	1	1
	1						
0	64	2) Pressione	64)	79-80-85-84	1	1	1
	1						

— Azione su parete

Piano	N	Carico Distribuito 2D	Parete	Quota [m]	k Sup	k Inf
1	1	1) Liquido	1	0 - 1.6	0	1
1	2	1) Liquido	2	0 - 1.6	0	1
1	3	1) Liquido	3	0 - 1.6	0	1
1	4	1) Liquido	4	0 - 1.6	0	1
1	5	1) Liquido	5	0 - 1.6	0	1
1	6	1) Liquido	6	0 - 1.6	0	1
1	7	1) Liquido	7	0 - 1.6	0	1
1	8	1) Liquido	8	0 - 1.6	0	1
1	9	1) Liquido	9	0 - 1.6	0	1
1	10	1) Liquido	10	0 - 1.6	0	1
1	11	1) Liquido	11	0 - 1.6	0	1
1	12	1) Liquido	12	0 - 1.6	0	1
1	13	1) Liquido	13	0 - 1.6	0	1
1	14	1) Liquido	14	0 - 1.6	0	1
1	15	1) Liquido	15	0 - 1.6	0	1
1	16	1) Liquido	16	0 - 1.6	0	1
1	17	1) Liquido	17	0 - 1.6	0	1
1	18	1) Liquido	18	0 - 1.6	0	1
1	19	1) Liquido	19	0 - 1.6	0	1
1	20	1) Liquido	20	0 - 1.6	0	1
1	21	1) Liquido	21	0 - 1.6	0	1
1	22	1) Liquido	22	0 - 1.6	0	1
1	23	1) Liquido	23	0 - 1.6	0	1
1	24	1) Liquido	24	0 - 1.6	0	1
1	25	1) Liquido	25	0 - 1.6	0	1
1	26	1) Liquido	26	0 - 1.6	0	1
1	27	1) Liquido	27	0 - 1.6	0	1
1	28	1) Liquido	28	0 - 1.6	0	1
1	29	1) Liquido	29	0 - 1.6	0	1
1	30	1) Liquido	30	0 - 1.6	0	1
1	31	1) Liquido	31	0 - 1.6	0	1
1	32	1) Liquido	32	0 - 1.6	0	1
1	33	1) Liquido	33	0 - 1.6	0	1
1	34	1) Liquido	34	0 - 1.6	0	1
1	35	1) Liquido	35	0 - 1.6	0	1
1	36	1) Liquido	36	0 - 1.6	0	1
1	37	1) Liquido	37	0 - 1.6	0	1
1	38	1) Liquido	38	0 - 1.6	0	1
1	39	1) Liquido	39	0 - 1.6	0	1
1	40	1) Liquido	40	0 - 1.6	0	1

— Dati riassuntivi per piano

Piano	z min Pareti	z max	Travi	Travi	Pilastr	Eccentr.	Solai	Solai	Balconi	Tompagni	Piastre
	[m]	[m]	elevaz.	Winkler		Sismica	[m ²]	bidir. [m ²]	[m ²]	[m ²]	[m ²]
0	0.00	0.00	0	0	0	No	0.00	0.00	0.00	0.00	
	77.58	0.00									
1	1.60	1.60	0	0	0	No	0.00	0.00	0.00	0.00	
	0.00	64.38									

— Armatura

— Maglie Megapietra 1

						Dir.principale				Dir.secondaria			
Lato	Filo	Piano	Dir.	ΔX	ΔY	Tipo	Dim.	Ø	Passo	N.tond.	Dim.	Ø	Passo
	N.tond.		Princ.[°]	[m]	[m]		[m]	[mm]	[m]		[m]	[mm]	[m]
Inf			0	0	0	Fe dritti	∞	16	0.2		∞	16	0.2

Sup 0 0 0 Fe dritti ∞ 16 0.2 ∞ 16 0.2

— Parametri di Calcolo

— Opzioni di Calcolo

• Calcolo sismico::	Dinamica
• Sisma verticale::	No
• Somma combinazioni sismiche::	Inviluppo
• Combinazione modi::	Quadratica completa (CQC)
• Effetto P-Δ sisma: :	No
• Amplificazione sisma: :	1
• Calcolo % rigidezza elementi secondari: :	No
• Azione Vento::	No
• Azione Termica: :	No
• Imperfezioni Globali: :	No

— Accelerazioni analisi sismica statica equivalente

• Calcolo periodi principali::	Autovalori
• Periodo principale X::	0.029139 s
• Periodo principale Y::	0.0027792 s
• Orizzontamenti::	0
• Acc X SLO [g]:	0.037038
• Acc Y SLO [g]:	0.027238
• Acc Z SLO [g]:	0.0078013
• Acc X SLD [g]:	0.038034
• Acc Y SLD [g]:	0.032764
• Acc Z SLD [g]:	0.0072148
• Acc X SLV [g]:	0.070248
• Acc Y SLV [g]:	0.062196
• Acc Z SLV [g]:	0.019751

— Famiglie combinazioni di carico e verifiche

N	Descrizione	SLU	Deform.	Fessur.	Tens	Spost.	Gerarch.
	Rotaz.						
	Ultima				Eserc.	Sismici	Resist.
1	Fondamentale	Si -	-	-	-	-	-
2	Rara.	- Si	-	Si	-	-	-
3	Frequente	- -	Si	-	-	-	-
4	Quasi Perm.	- Si	Si	Si	-	No	-
5	Permanente	- -	-	-	-	No	-
6	Sismica SLO	- -	-	-	Si	-	-
7	Sismica SLD	Si -	-	-	No	-	-
8	Sismica SLV	Si -	-	-	-	No	No
9	Sismica SLC	- -	-	-	-	-	No

— Combinazioni di carico

	Comb.	Coefficienti Azioni						
Fam.	N°	Peso.	Caric.	Sisma	Ecc.Y	Sisma	Ecc.X	Classe
	Cmb.							Segno
comb.		Prop.	Perm.	X	Sism.X	Y	Sism.Y	Durata
	Gemella							Ned Sism
1	1	1.3	1.3	0	0	0	0	Perm.
2	1	1	1	0	0	0	0	Perm.
3	1	1	1	0	0	0	0	Perm.
4	1	1	1	0	0	0	0	Perm.

5	1	1	1	0	0	0	0 Perm.		
6	1	1	1	1	1	0.3	0.3 Istant.	+	2
6	2	1	1	1	1	0.3	0.3 Istant.	-	1
6	3	1	1	-1	-1	-0.3	-0.3 Istant.	+	4
6	4	1	1	-1	-1	-0.3	-0.3 Istant.	-	3
6	5	1	1	0.3	0.3	1	1 Istant.	+	6
6	6	1	1	0.3	0.3	1	1 Istant.	-	5
6	7	1	1	-0.3	-0.3	-1	-1 Istant.	+	8
6	8	1	1	-0.3	-0.3	-1	-1 Istant.	-	7
7	1	1	1	1	1	0.3	0.3 Istant.	+	2
7	2	1	1	1	1	0.3	0.3 Istant.	-	1
7	3	1	1	-1	-1	-0.3	-0.3 Istant.	+	4
7	4	1	1	-1	-1	-0.3	-0.3 Istant.	-	3
7	5	1	1	0.3	0.3	1	1 Istant.	+	6
7	6	1	1	0.3	0.3	1	1 Istant.	-	5
7	7	1	1	-0.3	-0.3	-1	-1 Istant.	+	8
7	8	1	1	-0.3	-0.3	-1	-1 Istant.	-	7
8	1	1	1	1	1	0.3	0.3 Istant.	+	2
8	2	1	1	1	1	0.3	0.3 Istant.	-	1
8	3	1	1	-1	-1	-0.3	-0.3 Istant.	+	4
8	4	1	1	-1	-1	-0.3	-0.3 Istant.	-	3
8	5	1	1	0.3	0.3	1	1 Istant.	+	6
8	6	1	1	0.3	0.3	1	1 Istant.	-	5
8	7	1	1	-0.3	-0.3	-1	-1 Istant.	+	8
8	8	1	1	-0.3	-0.3	-1	-1 Istant.	-	7

— Dettagli calcolo analisi lineare

— Dati sismici SLV per piano

Piano	Massa Cmb. fy·ex	Massa	Sup. balc., solai	xG	yG	zG	fx	fy	fx·ey
	Q. Perm [kg] [Nm]	sism. [kg]	e piaste[m²]	[m]	[m]	[m]	[N]	[N]	[Nm]
1	45543 0	45543 0		0.00	2.60	7.46	0.85	31.4k	27.8k

— Effetto P-Δ Sisma

Sisma SLV	μd	θ	θ ≤ 0.2	k = 1/(1-θ)	k min	k calc
X	3.5 1	0.00022513	Si	1.0002		1
Y	3.5 1	4.8141E-5	Si	1		1

— Spostamenti di piano

Piano	Spost.x	Spost.y	Spost.x	Spost.y	Spost.x	Spost.y	Spost.x
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	Spost.y	SLO [m]	SLO [m]	SLD [m]	SLD [m]	SLV [m]	SLV [m]	SLC [m]
	SLC [m]							
0		5.2736E-7	7.87E-8	1.8989E-6	2.9538E-7	3.5085E-6	5.4997E-7	
1		4.2001E-6	6.2456E-7	1.518E-5	2.3712E-6	2.8067E-5	4.4241E-6	

Gli spostamenti di piano allo SLV sono stati calcolati come al §7.3.3.3 delle NTC18

Modi Trovati

n	Descrizione	T [s]	sx [%]	sy [%]	sz [%]	rx [%]	ry [%]	rz [%]	Esatto	Scelto	Err.λ
1	0.029s x29% y0% z0%	0.029139	29.484	3.7948E-16	3.0743E-6	8.4021E-13	68.991	5.7686E-7	Si	Si	0
2	0.028s x0% y0% z0%	0.027789	4.5074E-7	1.8205E-7	5.937E-14	1.817E-6	1.7937E-6	15.304	Si	No	0
3	0.022s x0% y8% z0%	0.021733	5.0181E-13	8.1819	1.9022E-6	86.796	2.25E-12	3.9836E-7	Si	Si	0
4	0.021s x0% y0% z57%	0.020521	2.1244E-6	2.116E-7	57.106	1.8204E-6	4.5499E-6	6.448E-12	Si	No	0
5	0.019s x0% y0% z9%	0.018766	2.1233E-7	5.2957E-9	8.5024	5.0588E-7	1.2266E-6	2.6669E-11	Si	No	0
6	0.017s x2.4% y0% z0%	0.017144	2.3706	7.8828E-11	5.0877E-7	2.1272E-12	1.464	7.6725E-8	Si	Si	0
7	0.015s x0% y1.4% z0%	0.015493	2.7712E-10	1.35	2.7731E-7	1.1099	1.7031E-10	1.4893E-8	Si	Si	0
8	0.014s x0% y0% z0%	0.01406	1.3324E-6	2.6263E-7	3.2213E-7	7.6673E-8	1.0226E-6	6.5467	Si	No	0
9	0.014s x0% y0% z30%	0.013996	5.0453E-7	1.3508E-7	30.265	8.3803E-8	6.9677E-7	7.854E-8	Si	No	0
10	0.013s x22% y0% z0%	0.012925	22.252	9.1192E-12	2.0474E-6	5.6337E-12	17.355	1.8091E-7	Si	Si	0
11	0.013s x0% y0% z2.9%	0.012854	3.6245E-5	2.3885E-6	2.9334	9.7593E-7	2.8928E-5	6.6378E-10	Si	No	0
12	0.013s x0% y10% z0%	0.012609	1.3004E-10	10.019	1.253E-6	6.6244	1.0278E-10	1.3943E-7	Si	Si	0
13	0.012s x0% y0% z0%	0.011956	0.001505	4.8956E-9	9.2966E-9	2.0903E-9	0.06623	1.6573E-6	Si	No	0
14	0.011s x0% y0% z0.8%	0.011374	2.531E-9	1.2463E-7	0.78559	2.1442E-8	7.5361E-8	1.4873E-10	Si	No	0
15	0.01s x0% y0.5% z0%	0.010499	5.5531E-11	0.49256	1.9248E-7	0.36707	1.6227E-11	2.5376E-6	Si	Si	0
16	0.01s x0% y0% z0%	0.010325	6.8643E-6	1.6219E-9	2.6331E-13	7.3794E-8	2.5884E-6	4.5088	Si	No	0
17	0.009s x0% y0% z0%	0.0087107	2.869E-5	2.2646E-7	0.013034	2.8784E-10	9.2723E-6	1.0352E-9	Si	No	0
18	0.009s x1.2% y0% z0%	0.0086912	1.2247	2.5084E-10	3.6397E-7	3.1547E-13	0.40902	7.6141E-10	Si	No	0
19	0.008s x0% y0% z0%	0.0080778	6.9816E-7	9.062E-6	2.6088E-12	3.9637E-6	2.2914E-7	0.002328	Si	No	0
20	0.008s x0% y0.4% z0%	0.0075927	1.582E-9	0.38126	9.2258E-9	0.46053	4.656E-10	8.8842E-8	Si	No	0
21	0.007s x0% y0% z0%	0.0073555	4.8647E-6	2.1645E-6	4.6247E-15	4.463E-7	1.48E-6	4.0232	Si	No	0
22	0.007s x0% y0.2% z0%	0.0072438	2.874E-10	0.20763	3.3961E-8	0.07678	8.1709E-11	9.3789E-6	Si	No	0
23	0.007s x0% y0% z0%	0.0071459	0.0093131	2.9028E-10	1.3676E-8	5.6043E-11	0.0024262	3.6512E-6	Si	No	0
24	0.006s x0% y0% z0%	0.0062942	2.838E-5	3.1447E-7	2.8941E-14	7.3188E-8	8.218E-6	0.60955	Si	No	0
25	0.006s x0% y0% z0%	0.006099	4.4396E-7	2.0041E-6	0.0045774	7.8494E-7	1.3642E-7	5.7035E-9	Si	No	0
26	0.006s x1.1% y0% z0%	0.0058527	1.0579	1.3925E-11	6.6591E-10	1.1596E-11	0.30529	8.3048E-6	Si	No	0
27	0.005s x0% y0.2% z0%	0.0051663	1.1316E-8	0.21943	5.9341E-6	0.039358	3.0391E-9	1.3783E-5	Si	No	0
28	0.005s x0% y0% z0%	0.0050147	4.5158E-7	0.00058181	0.00035035	0.00010031	1.4465E-7	8.7592E-9	Si	No	0
29	0.005s x0% y0% z0%	0.0049006	0.0048619	0.00010419	6.6534E-13	7.2674E-6	0.001356	1.4207	Si	No	0
30	0.005s x1.7% y0% z0%	0.004584	1.6736	8.2281E-6	0.0002434	8.4889E-7	0.47444	0.002214	Si	No	0
31	0.005s x0% y0.1% z0%	0.0045735	0.037466	0.096483	0.011067	0.0070656	0.010597	5.4951E-5	Si	No	0
32	0.005s x0% y7% z0%	0.0045684	0.00041835	7.271	0.00013963	0.51884	0.00011843	7.8217E-7	Si	Si	0
33	0.004s x0% y0% z0%	0.0043891	6.6105E-5	1.8345E-5	0.001436	1.1159E-5	1.7755E-5	6.9278E-7	Si	No	0
34	0.004s x0.4% y0% z0%	0.0042069	0.447	1.6504E-7	4.4985E-7	7.9546E-9	0.11381	0.0021059	Si	No	0
35	0.004s x0% y0% z0%	0.0041366	4.4561E-8	0.011643	4.2203E-6	0.011047	1.1733E-8	8.8385E-5	Si	No	0
36	0.004s x0% y0% z0%	0.0036776	0.00039801	8.1295E-5	4.4165E-10	4.882E-6	0.0001032	4.5209	Si	No	0
37	0.004s x0% y0% z0%	0.0036475	3.6508E-5	0.00028641	0.011403	7.4694E-6	9.7158E-6	6.7595E-7	Si	No	0
38	0.004s x0% y0.3% z0%	0.0035264	1.9523E-8	0.29852	2.5675E-5	0.012704	5.4208E-9	2.3372E-6	Si	No	0
39	0.003s x0% y0% z0%	0.0033795	0.000105	0.0010951	8.123E-11	6.5863E-5	2.7121E-5	0.24693	Si	No	0
40	0.003s x0% y0% z0.3%	0.0032957	4.0773E-7	1.857E-7	0.33308	2.2267E-10	1.2344E-8	1.5469E-9	Si	No	0
41	0.003s x3.4% y0% z0%	0.0032449	3.4294	4.6595E-8	1.2616E-7	2.4236E-9	0.8779	2.4422E-5	Si	Si	0

42	1.9845E-11 0.003s x0% y9% z0% 1.39E-11	0.0031618	2.8603E-8	9.4365	1.9979E-7	0.79401	7.2027E-9	0.00019413	Si	Si	0
43	0.003s x0% y1.2% z0% 1.6923E-11	0.003105	1.7222E-8	1.2005	1.7483E-7	1.6263E-5	4.188E-9	0.00045348	Si	Si	0
44	0.003s x0% y0% z0% 1.0516E-11	0.0030306	0.00054761	0.012195	3.9881E-5	0.00056671	0.000144	1.0008E-5	Si	No	0
45	0.003s x0% y0% z0% 1.3825E-11	0.0030146	0.0049641	0.0010094	1.2668E-11	4.8149E-5	0.0012456	26.947	Si	No	0
46	0.003s x11% y0% z0% 3.2496E-11	0.002957	11.28	1.096E-6	1.2992E-8	5.635E-8	3.0883	0.002042	Si	Si	0
47	0.003s x0% y0% z0% 8.9235E-12	0.0029144	0.00012294	0.00016721	0.0054805	7.1978E-6	3.4656E-5	2.2697E-8	Si	No	0
48	0.003s x2.8% y0% z0% 1.4447E-11	0.0028992	2.8041	2.1028E-6	5.1931E-7	1.0818E-7	0.76214	0.0012588	Si	Si	0
49	0.003s x0% y0% z0% 1.4485E-11	0.0028497	0.00072188	1.0236E-5	2.5855E-11	3.5431E-7	0.00018242	7.9675	Si	No	0
50	0.003s x11% y0% z0% 2.338E-11	0.002785	11.265	0.0001381	1.1403E-7	7.063E-6	2.8637	0.001418	Si	Si	0
51	0.003s x0% y23% z0% 1.7499E-11	0.0027792	1.7464E-5	23.451	9.0305E-11	1.1965	4.4278E-6	0.0083612	Si	Si	0
52	0.003s x0% y12% z0% 1.8591E-11	0.0027554	0.00032738	12.165	5.2542E-8	0.69038	8.3488E-5	0.11492	Si	Si	0
53	0.003s x0% y0.5% z0% 1.3244E-11	0.0027529	0.011734	0.54475	2.8785E-10	0.030257	0.0029923	4.2839	Si	Si	0
54	0.003s x0.5% y0% z0% 9.2322E-12	0.0026907	0.48202	1.2127E-6	2.4645E-7	6.1535E-8	0.13295	0.0030156	Si	No	0
55	0.003s x0% y0% z0% 1.964E-11	0.0026873	2.7066E-5	0.00096578	0.0010711	4.8129E-5	8.4024E-6	5.5392E-6	Si	No	0
56	0.003s x0% y0% z0% 1.7855E-11	0.0026824	0.0029471	0.0095935	3.0725E-10	0.000491	0.00073741	7.5187	Si	No	0
57	0.003s x0% y0.1% z0% 1.1638E-11	0.0026421	3.207E-6	0.071969	0.00022055	0.0035828	7.7022E-7	4.2894E-6	Si	No	0
58	0.003s x0% y10% z0% 3.1404E-11	0.0026227	2.7218E-7	9.5812	1.0941E-6	0.47488	6.6072E-8	0.00037452	Si	Si	0
59	0.003s x0.1% y0% z0% 2.555E-11	0.0025255	0.090142	0.00053054	1.128E-9	2.7398E-5	0.022635	1.8157	Si	No	0
60	0.003s x0.5% y0% z0% 1.5339E-11	0.002523	0.47294	3.0603E-5	3.0263E-8	1.5887E-6	0.11673	0.15025	Si	No	0
61	0.003s x0% y1.3% z0% 2.0685E-11	0.0025009	5.9738E-6	1.2919	2.9284E-7	0.064955	1.5801E-6	0.0013091	Si	Si	0
62	0.003s x0% y0% z0% 3.1266E-11	0.0025008	0.00022888	0.02308	5.9332E-9	0.001162	6.2277E-5	0.07977	Si	No	0
63	0.002s x0% y0% z0% 2.2284E-11	0.0024875	3.202E-5	3.0763E-6	0.00011263	6.7912E-7	6.7616E-6	0.00024527	Si	No	0
64	0.002s x0% y0% z0% 1.9587E-11	0.0024807	0.0028222	1.6773E-5	2.6723E-7	8.18E-7	0.00049205	0.059875	Si	No	0
65	0.002s x0.4% y0% z0% 9.1106E-12	0.0023359	0.3621	1.5052E-7	4.8276E-8	1.2568E-8	0.095942	0.00014024	Si	No	0
66	0.002s x0% y0% z0% 1.3438E-10	0.0023258	2.0002E-6	0.020894	8.951E-6	0.002659	5.5122E-7	0.00021623	Si	No	0
67	0.002s x0% y0% z0% 8.8422E-11	0.0023213	1.9567E-5	0.00027015	0.00020828	5.3817E-5	5.2496E-6	8.8826E-5	Si	No	0
68	0.002s x0% y0% z0% 3.0081E-11	0.0023202	6.6338E-5	2.6368E-6	1.087E-7	1.5791E-6	1.5287E-5	0.082921	Si	No	0
69	0.002s x0% y0% z0% 3.6608E-11	0.0022673	0.00042782	3.4864E-6	2.0855E-12	1.7293E-7	0.00010657	0.22396	Si	No	0
70	0.002s x0% y0% z0% 4.3397E-11	0.0022604	2.791E-5	0.00079897	7.2995E-5	2.9766E-5	6.8724E-6	7.5133E-7	Si	No	0
71	0.002s x0% y0% z0% 3.646E-11	0.0022564	3.1408E-6	0.018379	3.0177E-6	0.00065604	7.7264E-7	2.2601E-5	Si	No	0
72	0.002s x1.2% y0% z0% 1.4446E-11	0.002245	1.1647	1.8078E-8	2.6948E-9	5.1111E-10	0.28897	3.9203E-5	Si	No	0
73	0.002s x0% y0% z0% 2.049E-11	0.0021988	0.0007929	8.4478E-6	7.8496E-12	4.8136E-7	0.00019697	0.04828	Si	No	0
74	0.002s x0% y0% z0% 3.5122E-11	0.0021759	0.045303	7.2826E-10	7.3072E-9	2.5886E-11	0.01184	8.335E-5	Si	No	0
75	0.002s x0.1% y0% z0% 8.9716E-12	0.0021008	0.090326	2.0276E-9	3.4198E-10	1.594E-10	0.023519	4.6782E-6	Si	No	0
76	0.002s x0% y0% z0% 8.9202E-11	0.0020995	3.206E-6	1.1604E-5	1.76E-6	1.9886E-7	7.946E-7	6.0507E-10	Si	No	0
77	0.002s x0% y0.1% z0% 7.9464E-11	0.0020869	8.3402E-9	0.092179	5.9861E-8	0.0029213	2.355E-9	5.716E-6	Si	No	0
78	0.002s x0% y0% z0% 7.199E-11	0.0020326	3.5785E-6	5.2813E-5	6.3926E-6	2.1164E-6	7.9741E-7	3.8384E-7	Si	No	0
79	0.002s x0% y0% z0% 5.1133E-11	0.0020246	1.0982E-5	7.7583E-5	4.6662E-13	3.9002E-6	2.4216E-6	1.0327	Si	No	0
80	0.002s x0% y0.3% z0% 1.1326E-10	0.0020045	5.3464E-10	0.31578	8.1477E-10	0.015669	1.308E-10	0.00037484	Si	No	0
81	0.002s x0.3% y0% z0% 9.7603E-12	0.0019824	0.31052	2.8489E-7	3.2338E-9	1.3915E-8	0.074878	0.00015671	Si	No	0
82	0.002s x0% y0% z0% 1.031E-10	0.001974	0.0015864	5.3111E-6	1.0929E-11	2.5727E-7	0.00038203	0.03938	Si	No	0
83	0.002s x0% y0% z0% 4.8754E-10	0.0019403	2.2838E-5	0.0068179	3.8775E-8	0.00040853	5.8249E-6	0.016741	Si	No	0
84	0.002s x0% y0% z0% 1.2602E-10	0.0019401	0.00029598	0.00044583	3.4246E-9	2.7229E-5	7.5531E-5	0.21741	Si	No	0
85	0.002s x0% y0% z0% 8.2612E-11	0.001913	4.8838E-6	2.7871E-5	0.00013191	1.0569E-6	1.2497E-6	9.3009E-8	Si	No	0
86	0.002s x0% y0.5% z0% 6.2498E-10	0.0018947	8.1931E-9	0.45322	1.1302E-8	0.024633	1.9709E-9	9.5892E-6	Si	Si	0
87	0.002s x0% y0% z0% 1.8695E-10	0.0018709	5.3467E-7	0.00087239	6.2145E-5	4.3497E-5	1.0359E-7	2.0205E-8	Si	No	0
88	0.002s x0% y0.2% z0% 6.5354E-10	0.0018383	0.00020451	0.18034	2.5357E-7	0.0085681	5.0148E-5	4.8733E-6	Si	No	0
89	0.002s x0% y0% z0%	0.0018357	0.010482	0.0069469	7.8404E-6	0.00032894	0.0025705	2.2964E-6	Si	No	0

90	1.4209E-10 0.002s x0.6% y0% z0% 8.0136E-11	0.0018316	0.58941	1.217E-5	8.375E-8	5.712E-7	0.14464	5.0993E-5	Si	No	0
91	0.002s x0.1% y0% z0% 1.3733E-10	0.0018202	0.12032	9.1421E-7	1.0429E-9	3.7691E-8	0.030473	0.0015046	Si	No	0
92	0.002s x0% y0% z0% 2.9323E-10	0.0018184	0.00010642	0.00029944	3.8376E-7	1.1389E-5	2.748E-5	2.6464E-6	Si	No	0
93	0.002s x0% y0% z0% 3.1896E-11	0.001787	0.042297	5.9425E-6	1.0836E-10	2.5848E-7	0.0099941	0.021086	Si	No	0
94	0.002s x0% y0% z0% 1.2725E-10	0.0017842	0.0033592	0.00030804	4.6539E-11	1.3338E-5	0.00080138	0.39745	Si	No	0
95	0.002s x0% y0.4% z0% 1.4945E-9	0.0017812	4.3946E-7	0.37502	8.6423E-9	0.01627	1.0526E-7	0.00049664	Si	No	0
96	0.002s x0% y0% z0% 9.443E-11	0.0016915	3.6199E-5	0.00021803	9.6238E-8	1.3708E-5	8.904E-6	6.0433E-6	Si	No	0
97	0.002s x0% y0% z0% 1.5742E-9	0.0016884	0.00013743	0.0014983	1.1001E-9	0.00011589	3.4318E-5	0.17302	Si	No	0
98	0.002s x0% y0% z0% 4.4194E-9	0.0016882	6.8566E-5	0.003836	2.6618E-9	0.00029269	1.7099E-5	0.070564	Si	No	0
99	0.002s x0% y0% z0% 2.1504E-10	0.0016731	1.0369E-5	2.8126E-9	1.5962E-12	3.6036E-9	2.5716E-6	0.20903	Si	No	0
100	0.002s x0% y0% z0% 2.7179E-10	0.0016613	2.8028E-5	3.0036E-8	2.0651E-5	1.827E-8	6.799E-6	2.0769E-7	Si	No	0
101	0.002s x0% y0% z0% 1.3872E-9	0.0016508	1.5198E-7	0.014906	2.4172E-10	0.00067501	3.7584E-8	9.5489E-5	Si	No	0
102	0.002s x0.4% y0% z0% 1.8471E-10	0.0016381	0.42479	1.3344E-9	2.0718E-9	1.062E-10	0.1042	8.8394E-5	Si	No	0
103	0.002s x0% y0% z0% 3.0025E-10	0.0016224	0.00041134	2.8043E-6	8.3103E-12	1.4244E-7	0.00010112	0.00015892	Si	No	0
104	0.002s x0% y0% z0% 3.1646E-9	0.001576	7.1153E-5	2.5773E-5	1.6033E-5	1.4718E-6	1.926E-5	1.3452E-9	Si	No	0
105	0.002s x0% y0% z0% 2.5706E-10	0.0015742	0.043226	7.1254E-7	5.6585E-8	3.9685E-8	0.011218	4.722E-6	Si	No	0
106	0.002s x0% y0% z0% 6.7579E-10	0.0015697	0.00011444	0.00046208	1.515E-10	2.5453E-5	2.7738E-5	7.9542E-6	Si	No	0
107	0.002s x0% y0% z0% 3.0029E-8	0.0015569	5.8574E-7	0.031656	2.9434E-8	0.0017522	1.5063E-7	1.5064E-6	Si	No	0
108	0.002s x0% y0% z0% 7.895E-10	0.0015556	9.6844E-6	7.9144E-7	1.0545E-8	4.3018E-8	1.4229E-5	5.6454E-5	Si	No	0
109	0.002s x0% y0.1% z0% 1.4222E-8	0.0015402	2.2432E-9	0.057959	1.4742E-9	0.0029603	3.4307E-10	1.4811E-5	Si	No	0
110	0.002s x0% y0% z0% 1.355E-10	0.0015238	0.021145	3.2766E-7	1.8165E-9	1.622E-8	0.0050663	0.00016407	Si	No	0
111	0.001s x0% y0% z0% 5.1274E-9	0.0014916	0.0018656	0.00015354	2.1756E-7	9.0268E-6	0.00046385	0.0055577	Si	No	0
112	0.001s x0% y0% z0% 9.284E-9	0.001491	0.00072295	0.00020702	4.3868E-7	1.2154E-5	0.00018037	0.0029999	Si	No	0
113	0.001s x0% y0.1% z0% 4.9385E-8	0.0014837	9.0226E-8	0.051611	3.6966E-8	0.0031425	2.2225E-8	4.459E-5	Si	No	0
114	0.001s x0% y0% z0% 1.549E-9	0.00148	2.0457E-6	6.621E-6	1.0407E-10	4.3956E-7	4.1234E-7	0.10504	Si	No	0
115	0.001s x0% y0% z0% 2.9992E-9	0.0014745	7.584E-5	2.5999E-5	2.0762E-11	1.5488E-6	1.8514E-5	0.13005	Si	No	0
116	0.001s x0% y0% z0% 2.5874E-9	0.0014617	3.9014E-7	0.00018179	2.163E-6	1.068E-5	1.0134E-7	1.1808E-12	Si	No	0
117	0.001s x0% y0% z0% 2.5493E-9	0.0014368	1.9485E-5	0.00013045	3.0537E-5	6.5762E-6	4.8752E-6	4.5407E-8	Si	No	0
118	0.001s x0% y0% z0% 2.2432E-9	0.0014077	0.00048624	9.7305E-5	4.4369E-9	5.0628E-6	0.00012314	0.022501	Si	No	0
119	0.001s x0% y0% z0% 2.2501E-7	0.0014062	1.0887E-5	0.025078	5.6787E-6	0.0013457	2.766E-6	4.0994E-5	Si	No	0
120	0.001s x0% y0% z0% 4.3117E-8	0.0014028	0.0088405	0.0097814	3.8491E-7	0.00052265	0.0021864	0.00021306	Si	No	0
121	0.001s x0% y0.1% z0% 1.5535E-7	0.0014012	0.0012977	0.11628	1.8169E-6	0.0062505	0.00032163	1.9133E-5	Si	No	0
122	0.001s x0% y0% z0% 1.0765E-8	0.0013981	0.014778	1.8594E-5	4.5562E-9	1.0226E-6	0.0035043	0.00026275	Si	No	0
123	0.001s x0.1% y0% z0% 8.5391E-10	0.0013905	0.10813	2.7691E-5	2.8391E-9	1.5298E-6	0.02719	0.0013151	Si	No	0
124	0.001s x0% y0.1% z0% 1.6625E-8	0.0013582	1.8864E-8	0.051233	5.3572E-9	0.0032089	4.8315E-9	6.455E-9	Si	No	0
125	0.001s x0% y0% z0% 1.2368E-7	0.0013417	9.6505E-7	0.026167	3.6519E-8	0.0014626	2.4636E-7	5.7873E-7	Si	No	0
126	0.001s x0% y0% z0% 3.2791E-9	0.0013392	0.01072	1.0651E-5	2.9893E-9	5.7293E-7	0.0027358	0.00053577	Si	No	0
127	0.001s x0% y0% z0% 8.6017E-9	0.001333	1.6277E-5	0.0010564	3.0707E-7	5.5474E-5	4.1836E-6	9.1295E-7	Si	No	0
128	0.001s x0% y0% z0% 5.2753E-9	0.001315	7.0827E-5	7.4589E-7	3.2588E-10	3.2275E-8	1.5276E-5	0.10506	Si	No	0
129	0.001s x0% y0% z0% 5.5476E-9	0.0013097	0.0031081	5.722E-8	4.2613E-9	2.9663E-9	0.00072202	0.0070017	Si	No	0
130	0.001s x0% y0% z0% 8.9889E-9	0.0013019	1.4754E-5	1.1507E-5	5.937E-11	5.3831E-7	3.5018E-6	0.00066235	Si	No	0
131	0.001s x0% y0% z0% 2.4487E-7	0.0012978	3.3417E-9	0.0095894	5.3786E-8	0.00043539	7.8857E-10	6.636E-6	Si	No	0
132	0.001s x0% y0% z0% 8.7663E-8	0.0012825	2.97E-7	2.0543E-5	4.0353E-5	1.1389E-6	8.0871E-8	5.2712E-9	Si	No	0
133	0.001s x0% y0% z0% 6.4541E-9	0.0012782	2.1394E-5	6.4647E-6	2.6557E-12	2.2313E-7	5.3104E-6	0.077018	Si	No	0
134	0.001s x0% y0.1% z0% 5.75E-8	0.0012673	1.1227E-8	0.083685	5.1363E-9	0.0040699	2.834E-9	2.5662E-5	Si	No	0
135	0.001s x0% y0% z0% 6.7769E-9	0.0012374	0.041907	7.6277E-10	1.4102E-9	5.7664E-11	0.010595	7.6899E-7	Si	No	0
136	0.001s x0% y0% z0% 3.8309E-8	0.0012253	0.0037056	6.7403E-6	5.5268E-8	4.1983E-7	0.00093592	0.017149	Si	No	0
137	0.001s x0% y0% z0%	0.0012238	9.5878E-5	2.5379E-5	0.00019	1.7949E-6	2.4069E-5	4.4638E-6	Si	No	0

138	3.0702E-6 0.001s x0.1% y0% z0% 2.0329E-6	0.0012224	0.07646	2.8168E-7	3.1915E-7	1.5805E-8	0.019288	0.00081501	Si	No	0
139	0.001s x0% y0% z0% 4.4301E-7	0.0012188	4.6435E-6	3.9017E-6	0.019951	2.8719E-7	1.288E-6	2.3558E-9	Si	No	0
140	0.001s x0% y0% z0% 4.406E-7	0.0012161	2.0494E-7	0.037061	1.7819E-6	0.0030498	5.0703E-8	1.4208E-5	Si	No	0
141	0.001s x0% y0% z0% 5.5944E-8	0.0012014	1.0934E-6	0.00032864	3.0647E-5	4.0871E-5	3.0171E-7	2.8482E-8	Si	No	0
142	0.001s x0% y0% z0% 5.8918E-7	0.001193	0.0035078	1.9245E-5	3.8582E-8	2.5653E-6	0.00085078	8.9886E-8	Si	No	0
143	0.001s x0% y0% z0% 1.3694E-6	0.0011927	0.00078711	2.7864E-5	5.0934E-7	2.7433E-6	0.00019136	2.9351E-8	Si	No	0
144	0.001s x0% y0.2% z0% 4.257E-6	0.0011922	9.134E-8	0.16355	2.0834E-8	0.030843	2.2319E-8	5.419E-7	Si	No	0
145	0.001s x0% y0% z0% 1.3679E-7	0.0011795	8.9716E-6	1.1603E-5	3.9837E-12	3.7172E-7	2.296E-6	0.0044537	Si	No	0
146	0.001s x0% y0% z0% 6.0185E-7	0.0011674	6.9729E-7	5.0352E-7	6.0105E-12	7.9391E-9	1.7658E-7	3.7736E-5	Si	No	0
147	0.001s x0% y0% z0% 7.3222E-7	0.0011595	6.9347E-5	1.912E-5	7.8704E-5	8.1111E-7	1.7374E-5	1.7017E-7	Si	No	0
148	0.001s x0% y0% z0% 2.28E-6	0.001153	0.00045214	0.00023004	0.00015134	1.0573E-5	0.00011417	1.3246E-6	Si	No	0
149	0.001s x0% y0% z0% 3.0339E-6	0.0011474	0.0023052	0.018943	1.2091E-6	0.00096393	0.00058653	7.2897E-5	Si	No	0
150	0.001s x0.3% y0% z0% 2.5015E-6	0.0011468	0.30517	0.00012698	2.2658E-7	6.5042E-6	0.077737	2.108E-5	Si	No	0
151	0.001s x3% y0% z0% 3.453E-7	0.0011437	2.9992	5.4063E-10	1.8082E-9	2.2713E-11	0.78682	4.3556E-6	Si	Si	0
152	0.001s x0% y0% z0% 4.8434E-7	0.0011342	0.034396	3.871E-7	6.3926E-9	1.9854E-8	0.0090966	0.0001832	Si	No	0
153	0.001s x0% y0% z0% 1.7938E-6	0.0011267	1.3605E-7	1.3715E-5	1.5019E-14	6.4448E-7	4.1779E-8	1.7537	Si	No	0
154	0.001s x0% y0.4% z0% 1.1778E-6	0.0011194	7.4965E-9	0.40661	4.6873E-9	0.021906	1.8235E-9	1.8568E-6	Si	No	0
155	0.001s x0% y0% z0% 8.8947E-6	0.0011127	2.3491E-8	9.897E-6	8.487E-11	3.3062E-6	5.7874E-9	2.0954E-5	Si	No	0
156	0.001s x0% y0% z0% 7.7348E-6	0.001109	0.00049411	1.4393E-5	4.1782E-11	6.8146E-7	0.00011907	0.2656	Si	No	0
157	0.001s x0.4% y0% z0% 7.3332E-6	0.0011004	0.41901	1.0184E-7	1.4136E-9	5.2094E-9	0.10758	1.9005E-5	Si	No	0
158	0.001s x0% y0% z0% 5.1482E-6	0.0010913	1.3099E-6	0.00024354	7.0096E-7	1.1879E-5	2.9034E-7	5.8593E-9	Si	No	0
159	0.001s x0% y0% z0% 1.8533E-6	0.0010854	3.1666E-5	1.624E-7	5.5472E-10	1.1454E-8	7.7538E-6	0.038948	Si	No	0
160	0.001s x0% y0% z0% 6.1695E-6	0.0010719	0.00022686	4.704E-5	9.3802E-12	2.4645E-6	5.4991E-5	0.19566	Si	No	0
161	0.001s x0% y0% z0% 3.9282E-6	0.0010585	1.2652E-5	5.0901E-7	4.9349E-15	2.1838E-8	3.2715E-6	0.0040667	Si	No	0

Legenda

- **sx, sy, sz** : Masse partecipanti in percentuale come indicato nella (4.6)
- **Err ψ** = $|K\psi - \lambda M\psi| / |K\psi|$ = errore numerico della soluzione della (4.2)

– Riassunto modi

Descrizione	sx [%]	sy [%]	sz [%]	rx [%]	ry [%]	rz [%]	Err.λ
Modi scelti	85.896 8.0146E-6	85.439	0.00015148	98.692	96.192	4.4142	0
Modi trovati	95.682 8.8947E-6	88.908	99.996	99.436	98.921	91.419	0

– Masse analisi dinamica

Piano	Dir X [Kg]	Dir Y [Kg]	Dir Z [Kg]
0	0	0	0
1	45543	45543	45543
Totale	45543	45543	45543

– Coefficienti di amplificazione modali p come definiti al §4.1 nella (4.4)

direzione X				direzione Y				direzione Z			
Modo n°	SLO	SLD	SLV	SLC	SLO	SLD	SLV	SLC	SLO	SLD	SLV
1	0.00090523 1.6509E-7	0.00092958	0.0017169	0.0020175	3.2476E-12	3.335E-12	6.1595E-12	7.2378E-12	4.6145E-8	4.7171E-8	1.2761E-7
3	6.0808E-11 6.636E-8	6.4833E-11	1.2058E-10	1.4169E-10	0.00024554	0.00026179	0.0004869	0.00057214	1.7795E-8	1.9122E-8	5.1444E-8
6	7.8158E-5 2.0186E-8	8.5494E-5	0.00015974	0.00018771	4.507E-10	4.93E-10	9.2114E-10	1.0824E-9	5.2495E-9	5.8517E-9	1.5682E-8
7	6.7714E-10 1.1917E-8	7.4793E-10	1.3998E-9	1.6449E-9	4.7262E-5	5.2203E-5	9.7703E-5	0.00011481	3.0616E-9	3.4626E-9	9.2653E-9
10	0.00012955 2.1788E-8	0.00014535	0.00027278	0.00032055	8.2933E-11	9.305E-11	1.7463E-10	2.052E-10	5.4845E-9	6.3547E-9	1.6962E-8
12	2.9692E-10 1.6153E-8	3.338E-10	6.2664E-10	7.3638E-10	8.2415E-5	9.2652E-5	0.00017394	0.0002044	4.0553E-9	4.7134E-9	1.2577E-8
15	1.3111E-10 4.2649E-9	1.4939E-10	2.811E-10	3.3032E-10	1.2347E-5	1.407E-5	2.6474E-5	3.111E-5	1.0513E-9	1.2487E-9	3.3247E-9
32	6.3142E-8 1.9968E-8	7.4952E-8	1.4198E-7	1.6685E-7	8.3243E-6	9.8812E-6	1.8718E-5	2.1996E-5	4.6346E-9	5.9075E-9	1.5623E-8
41	2.8333E-6 2.9679E-10	3.3963E-6	6.4436E-6	7.5722E-6	3.3026E-10	3.9588E-10	7.5109E-10	8.8264E-10	6.7827E-11	8.8031E-11	2.3242E-10

42	2.4541E-10 3.5416E-10	2.9435E-10	5.5852E-10	6.5634E-10	4.4575E-6	5.3465E-6	1.0145E-5	1.1921E-5	8.0857E-11	1.0507E-10	2.7736E-10
43	1.835E-10 3.1923E-10	2.2019E-10	4.1783E-10	4.9101E-10	1.532E-6	1.8384E-6	3.4884E-6	4.0994E-6	7.2832E-11	9.4713E-11	2.5001E-10
46	4.2505E-6 7.8739E-11	5.106E-6	9.6907E-6	1.1388E-5	1.325E-9	1.5917E-9	3.0208E-9	3.5499E-9	1.7932E-11	2.3369E-11	6.1674E-11
48	2.0357E-6 4.7815E-10	2.4466E-6	4.6437E-6	5.457E-6	1.7629E-9	2.1187E-9	4.0213E-9	4.7256E-9	1.0882E-10	1.4192E-10	3.7453E-10
50	3.759E-6 2.0638E-10	4.5215E-6	8.5831E-6	1.0086E-5	1.3162E-8	1.5832E-8	3.0053E-8	3.5317E-8	4.6902E-11	6.127E-11	1.6167E-10
51	4.6609E-9 5.7833E-12	5.6065E-9	1.0643E-8	1.2507E-8	5.401E-6	6.4968E-6	1.2333E-5	1.4493E-5	1.3142E-12	1.717E-12	4.5304E-12
52	1.9829E-8 1.3707E-10	2.3857E-8	4.5288E-8	5.3221E-8	3.8224E-6	4.5988E-6	8.7301E-6	1.0259E-5	3.114E-11	4.0697E-11	1.0738E-10
53	1.1849E-7 1.0126E-11	1.4256E-7	2.7062E-7	3.1802E-7	8.0734E-7	9.7134E-7	1.8439E-6	2.1669E-6	2.3004E-12	3.0066E-12	7.9327E-12
58	5.1705E-10 5.655E-10	6.2269E-10	1.1823E-9	1.3893E-9	3.0677E-6	3.6945E-6	7.0145E-6	8.2431E-6	1.2826E-10	1.6794E-10	4.4304E-10
61	2.1989E-9 2.6552E-10	2.6506E-9	5.0333E-9	5.9149E-9	1.0226E-6	1.2327E-6	2.3407E-6	2.7507E-6	6.0132E-11	7.8876E-11	2.0804E-10
86	4.6352E-11 2.9658E-11	5.6134E-11	1.0667E-10	1.2535E-10	3.4474E-7	4.1749E-7	7.9337E-7	9.3233E-7	6.6656E-12	8.8212E-12	2.3248E-11
151	3.198E-7 4.2718E-12	3.8954E-7	7.4092E-7	8.7069E-7	4.2936E-12	5.23E-12	9.9476E-12	1.169E-11	9.5076E-13	1.2725E-12	3.3504E-12

– Accelerazione spettri di progetto [m/s²]

T [s]	direzione X				direzione Y				direzione Z			
	SLO				SLD				SLV			
	SLC	SLD	SLV	SLC	SLD	SLV	SLC	SLD	SLV	SLC	SLD	SLV
0.029139	0.36322 0.20514	0.37299	0.6889	0.80949	0.36322	0.37299	0.6889	0.80949	0.057339	0.058613	0.15857	
0.021733	0.33621 0.18845	0.35847	0.66671	0.78344	0.33621	0.35847	0.66671	0.78344	0.050535	0.054303	0.1461	
0.017144	0.31949 0.17812	0.34947	0.65297	0.7673	0.31949	0.34947	0.65297	0.7673	0.04632	0.051633	0.13837	
0.015493	0.31347 0.1744	0.34624	0.64802	0.76149	0.31347	0.34624	0.64802	0.76149	0.044803	0.050673	0.13559	
0.012925	0.3041 0.16861	0.3412	0.64033	0.75246	0.3041	0.3412	0.64033	0.75246	0.042444	0.049178	0.13126	
0.012609	0.30295 0.1679	0.34058	0.63938	0.75135	0.30295	0.34058	0.63938	0.75135	0.042153	0.048994	0.13073	
0.010499	0.29526 0.16315	0.33644	0.63306	0.74392	0.29526	0.33644	0.63306	0.74392	0.040215	0.047766	0.12718	
0.0045684	0.27364 0.14979	0.32482	0.6153	0.72306	0.27364	0.32482	0.6153	0.72306	0.034766	0.044315	0.11719	
0.0032449	0.26881 0.1468	0.32222	0.61133	0.71841	0.26881	0.32222	0.61133	0.71841	0.03355	0.043544	0.11496	
0.0031618	0.26851 0.14662	0.32206	0.61108	0.71811	0.26851	0.32206	0.61108	0.71811	0.033474	0.043496	0.11482	
0.003105	0.2683 0.14649	0.32195	0.61091	0.71791	0.2683	0.32195	0.61091	0.71791	0.033422	0.043463	0.11473	
0.002957	0.26776 0.14616	0.32166	0.61047	0.71739	0.26776	0.32166	0.61047	0.71739	0.033286	0.043377	0.11448	
0.0028992	0.26755 0.14603	0.32154	0.6103	0.71719	0.26755	0.32154	0.6103	0.71719	0.033233	0.043343	0.11438	
0.002785	0.26713 0.14577	0.32132	0.60996	0.71679	0.26713	0.32132	0.60996	0.71679	0.033128	0.043277	0.11419	
0.0027792	0.26711 0.14576	0.32131	0.60994	0.71677	0.26711	0.32131	0.60994	0.71677	0.033123	0.043273	0.11418	
0.0027554	0.26703 0.1457	0.32126	0.60987	0.71668	0.26703	0.32126	0.60987	0.71668	0.033101	0.04326	0.11414	
0.0027529	0.26702 0.1457	0.32126	0.60986	0.71668	0.26702	0.32126	0.60986	0.71668	0.033098	0.043258	0.11414	
0.0026227	0.26654 0.1454	0.321	0.60947	0.71622	0.26654	0.321	0.60947	0.71622	0.032979	0.043182	0.11392	
0.0025009	0.2661 0.14513	0.32076	0.6091	0.71579	0.2661	0.32076	0.6091	0.71579	0.032867	0.043111	0.11371	
0.0018947	0.26389 0.14376	0.31957	0.60729	0.71366	0.26389	0.31957	0.60729	0.71366	0.03231	0.042759	0.11269	
0.0011437	0.26115 0.14207	0.3181	0.60504	0.71102	0.26115	0.3181	0.60504	0.71102	0.03162	0.042322	0.11143	

– Equilibrio per Piano. Azioni statiche

Equilibrio per Piano Azioni statiche																			
Azione	Piano	forze interna piano			forze da elementi superiori			forze da elementi inferiori			reazioni vincolari			reazioni elementi winkler					
		equilibrio																	
		Fx	Fy	Fz	Fx	Fy	Fz	Fx	Fy	Fz	Fx	Fy	Fz	Fx	Fy	Fz	Fx		
		[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]		
		[N]	[N]																
1	1	0	0	-447k	0	0	0	-37.9n	-2.78n	447k	0	0	0	0	0	0	0	-37.9n	
2.78n	-8.64μ																		
1	0	0	0	-1.36M	39.4n	3.16n	-447k	0	0	0	-39.4n	-3.14n	0	16.5f	-4.47f	1.81M	0.58p		
	15.8p	4.78μ																	
2	1	0.54n	-54.6p	0	0	0	0	-58.5n	47.6n	-34.0μ	0	0	0	0	0	0	0	-58.0n	
	47.5n	-34.0μ																	
2	0	21.9p	-1.05p	-7.76M	62.5n	-52.4n	40.8μ	0	0	0	-62.4n	52.4n	0	17.2f	0	7.76M	0.11n		
	53.6p	12.3μ																	
16	1	447k	0	0	0	0	0	-447k	2.54n	14.8n	0	0	0	0	0	0	0	3.42μ	
	2.54n	14.8n																	
16	0	0	0	0	447k	-1.69n	-15.3n	0	0	0	-447k	1.69n	0	-43.1f	8.70f	-1.28μ	0.29n		
	1.03p	-1.30μ																	
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																	

17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	447k	0	0	0	0	-0.13n	-447k	-24.3n	0	0	0	0	0	0	-0.13n
18	0.70μ	-24.3n	0	0	0.29n	447k	30.3n	0	0	0	-0.29n	-447k	0	-9.00f	5.63f	0.19μ	-0.92p
19	0.35n	0.22μ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Legenda

- **Forze interne piano:** Forze applicate sulle travi completamente interne al piano e sui nodi del piano.
- **Forze da beams superiori:** Forze agenti sul piano esercitate da beams che hanno almeno un nodo appartenente ad un piano superiore.
- **Forze da beams inferiori :** Forze agenti sul piano esercitate da beams che hanno almeno un nodo appartenente ad un piano inferiore.
- **Reazioni vincolari:** Forze agenti sul piano esercitate dalle reazioni vincolari dei nodi appartenenti al piano.
- **Reazioni vincolari:** Forze agenti sul piano esercitate dalle reazioni del terreno delle travi di winkler.
- **Equilibrio:** Somma di tutte le forze precedenti.

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g

Ripartizione forze sismiche

Ripartizione forze sismiche										
Azione	Piano Reazioni	Sisma	Tagliante	Pilastr	Travi Inter-	Pareti	Maschi	Piastre Inter-	Reazioni	
			Di Piano [N]	Inf [%]	piano Inf [%]	Inf. [%]	Inf [%]	piano Inf [%]	Vincolari [%]	Beam
Wink [%]										
16	0 X		447k	0.0	0.0	0.0	0.0	0.0	100.0	
	0.0									
18	0 Y		447k	0.0	0.0	0.0	0.0	0.0	100.0	
	0.0									
16	1 X		447k	0.0	0.0	100.0	0.0	0.0	0.0	
	0.0									
18	1 Y		447k	0.0	0.0	100.0	0.0	0.0	0.0	
	0.0									

Le forze per le azioni sismiche sono calcolate per l'accelerazione orizzontale di 1g.

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Equilibrio per Piano. Azioni Modali

Modo	forze interna piano			forze da elementi superiori			forze da elementi inferiori			reazioni vincolari			reazioni elementi winkler			Fx
	Piano	Fx	Fy	Fx	Fy	Fz	Fx	Fy	Fz	Fx	Fy	Fz	Fx	Fy	Fz	
	Fz	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]	[N]
1	1	5.39M	19.1m	1.74k	0	0	0	-5.39M	-19.1m	-1.74k	0	0	0	0	0	95.9μ
	0.13μ	0.73μ														
1	0	0	0	43.9μ	5.39M	19.1m	1.74k	0	0	0	-5.39M	-19.1m	0	-1.33p	0.29p	-1.74k
8.80p	-2.59μ															
3	1	-1.53	5.10M	-2.46k	0	0	0	1.53	-5.10M	2.46k	0	0	0	0	0	0.39μ
	48.6μ	-2.22μ														
3	0	0	0	-4.89m	-1.53	5.10M	-2.46k	0	0	0	1.53	-5.10M	0	-3.68p	0.76p	2.46k
0.93n	-0.69μ															-91.0p
6	1	-4.41M	13.3	-2.04k	0	0	0	4.41M	-13.3	2.04k	0	0	0	0	0	-38.4μ
	0.22μ	0.32μ														
6	0	0	0	-2.39m	-4.41M	13.3	-2.04k	0	0	0	4.41M	-13.3	0	-17.3p	3.18p	2.04k
	0.68n	4.34μ														-17.3p
7	1	-58.3	-4.08M	-1.85k	0	0	0	58.3	4.08M	1.85k	0	0	0	0	0	6.36μ
19.1μ	0.25μ															
7	0	0	0	-3.27m	-58.3	-4.08M	-1.85k	0	0	0	58.3	4.08M	0	-11.2p	1.08p	1.85k
3.72n	6.94μ															-0.48n
10	1	-23.8M	-2.55	-7.22k	0	0	0	23.8M	2.55	7.22k	0	0	0	0	0	-92.6μ
	0.32μ	-0.28μ														
10	0	0	0	2.58m	-23.8M	-2.55	-7.22k	0	0	0	23.8M	2.55	0	9.14p	-1.49p	7.22k
	0.40n	17.0μ														-18.6n
12	1	-60.3	-16.8M	-5.93k	0	0	0	60.3	16.8M	5.93k	0	0	0	0	0	-0.74μ
52.8μ	-0.80μ															
12	0	0	0	-5.73m	-60.3	-16.8M	-5.93k	0	0	0	60.3	16.8M	0	0.76p	69.2f	5.93k
	20.5n	-8.63μ														-2.33n
15	1	-56.5	5.36M	3.35k	0	0	0	56.5	-5.36M	-3.35k	0	0	0	0	0	-0.74μ
	11.8μ	21.2n														
15	0	0	0	0.59m	-56.5	5.36M	3.35k	0	0	0	56.5	-5.36M	0	5.82p	2.33p	-3.35k
	6.52n	0.43μ														2.63n
32	1	826k	109M	477k	0	0	0	-826k	-109M	-477k	0	0	0	0	0	0.45μ
	46.8μ	-0.82μ														
32	0	0	0	4.23μ	826k	109M	477k	0	0	0	-826k	-109M	0	-9.00p	7.55p	-477k
	59.6n															-4.43n
41	1	-148M	17.3k	-28.4k	0	0	0	148M	-17.3k	28.4k	0	0	0	0	0	-29.0μ
0.10μ	0.14μ															
41	0	0	0	4.52μ	-148M	17.3k	-28.4k	0	0	0	148M	-17.3k	0	-32.9p	4.05p	28.4k
12.9n	-1.32μ															-29.8n
42	1	14.3k	-259M	37.7k	0	0	0	-14.3k	259M	-37.7k	0	0	0	0	0	-0.27μ
46.2μ	0.15μ															
42	0	0	0	1.81μ	14.3k	-259M	37.7k	0	0	0	-14.3k	259M	0	24.3p	0.83p	-37.7k
	0.33μ	-27.6μ														4.39n
43	1	-11.5k	95.7M	-36.5k	0	0	0	11.5k	-95.7M	36.5k	0	0	0	0	0	1.09μ

43	25.5μ	-0.22μ	0	0	-3.44μ	-11.5k	95.7M	-36.5k	0	0	0	11.5k	-95.7M	0	47.1p	-11.1p	36.5k	-26.4n	-
59.6n	-36.7μ	1	324M	101k	-11.0k	0	0	0	-324M	-101k	11.0k	0	0	0	0	0	0	32.1μ	-
46	-0.16μ	0	0	0	-91.9μ	324M	101k	-11.0k	0	0	0	-324M	-101k	0	43.9p	-6.88p	11.0k	-0.83μ	-
46	29.3n	-39.1μ	168M	-145k	72.2k	0	0	0	-168M	145k	-72.2k	0	0	0	0	0	0	16.3μ	-
48	0.19μ	0	0	0	-22.0μ	168M	-145k	72.2k	0	0	0	-168M	145k	0	-51.1p	8.44p	-72.2k	0.24μ	-
31.9n	2.86μ	1	-365M	1.28M	36.7k	0	0	0	365M	-1.28M	-36.7k	0	0	0	0	0	0	-50.8μ	-
50	0.15μ	0.35μ	0	0	17.3μ	-365M	1.28M	36.7k	0	0	0	365M	-1.28M	0	-20.2p	12.3p	-36.7k	-20.2p	-
50	11.9n	-8.10μ	1	-456k	-528M	1.04k	0	0	0	456k	528M	-1.04k	0	0	0	0	0	-2.36μ	-
51	-0.57μ	0	0	0	-5.82μ	-456k	-528M	1.04k	0	0	0	456k	528M	0	-0.90p	11.1p	-1.04k	12.1n	-
52	0.24μ	-1.31μ	1	-2.01M	387M	25.4k	0	0	0	2.01M	-387M	-25.4k	0	0	0	0	0	-1.40μ	-
52	44.9μ	0.30μ	0	0	24.5μ	-2.01M	387M	25.4k	0	0	0	2.01M	-387M	0	30.1p	6.49p	-25.4k	-3.00n	-
0.12μ	-19.2μ	1	-12.0M	-82.1M	-1.89k	0	0	0	12.0M	82.1M	1.89k	0	0	0	0	0	0	-3.27μ	-
53	-0.14μ	0	0	0	-1.47μ	-12.0M	-82.1M	-1.89k	0	0	0	12.0M	82.1M	0	-38.1p	10.5p	1.89k	14.9n	-
44.7n	3.58μ	1	-63.9k	379M	128k	0	0	0	63.9k	-379M	-128k	0	0	0	0	0	0	52.9n	-
58	58.1μ	1.04μ	0	0	-3.41μ	-63.9k	379M	128k	0	0	0	63.9k	-379M	0	-9.51p	16.3p	-128k	-5.71n	-
59.6n	-2.80μ	1	329k	153M	72.9k	0	0	0	-329k	-153M	-72.9k	0	0	0	0	0	0	-2.07μ	-
61	12.5μ	-0.13μ	0	0	29.8μ	329k	153M	72.9k	0	0	0	-329k	-153M	0	-43.6p	-14.3p	-72.9k	29.6n	-
0.18μ	6.11μ	1	-21.2k	-158M	-25.0k	0	0	0	21.2k	158M	25.0k	0	0	0	0	0	0	0.13μ	-
86	12.6n	0	0	0	-24.3μ	-21.2k	-158M	-25.0k	0	0	0	21.2k	158M	0	52.3p	-49.9p	25.0k	-6.23n	-
151	0.12μ	-6.27μ	1	-1.12G	15.3k	27.4k	0	0	0	1.12G	-15.3k	-27.4k	0	0	0	0	0	-41.0μ	-
0.27μ	0.15μ	0	0	0	72.5m	-1.12G	15.3k	27.4k	0	0	0	1.12G	-15.3k	0	-44.9p	2.84p	-27.4k	-0.24μ	-
4.19n	-34.8μ	0	0	0	72.5m	-1.12G	15.3k	27.4k	0	0	0	1.12G	-15.3k	0	-44.9p	2.84p	-27.4k	-0.24μ	-

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Errori Numerici Massimi

• :	Modi presenti in memoria
• Ortogonalizzazione autovettori::	2.0092E-13
• Normalizzazione autovettori::	1.3323E-15
• Kψ-λMψ / Kψ ::	8.0146E-6
• soluzione sistema::	4.0269E-6 [N o Nm]
• equilibrio nodi::	1.1174E-5 [N o Nm]
• diagrammi forze::	0 [N]
• diagrammi momenti::	0 [Nm]
• deformate::	0 [m] e 0 [rad]
• equilibrio Mz shell::	1.7836E-7 [Nm]
• equilibrio piani::	9.5945E-5 [N]
• :	memorizzo struttura calcolata

Legenda tabella Involuppo Sollecitazioni Beam

- N°: Numero trave o pilastro
 - Fam Cmb: Numero famiglia di combinazione. GR = Sollecitazioni derivanti dalla gerarchia delle resistenza Taglio-Flessione.
 - Min-Max: Min = sollecitazione minima; Max = sollecitazione massima.
 - Sezione iniziale: Sollecitazioni nella sezione iniziale della trave o pilastro. Per i pilastri la sezione iniziale è quella superiore.
 - Sezione centrale: Sollecitazioni nella sezione centrale della trave o pilastro.
 - Sezione finale: Sollecitazioni nella sezione finale della trave o pilastro. Per i pilastri la sezione finale è quella inferiore.
- Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Sollecitazioni combinazioni Shell piastre piano 0

Piastra		Zona			min.Lastra				min.Piastra				max.Lastra			max.Piastra			
Piano	N° vy	Fam.	Filo	Piano	σx	σy	τxy	mx	my	mxy	vx	vy	σx	σy	τxy	mx	my	mxy	vx
		Cmb.			[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	
	[N/m]		[N/m]																
0	1	1	1	0	0	0	0	12.4k	8.52k	8.55k	-106k	-63.6k	0	0	0	12.4k	8.52k	8.55k	-
106k	-63.6k	1	2	1	0	0	0	9.50k	6.55k	6.57k	-81.2k	-48.9k	0	0	0	9.50k	6.55k	6.57k	-
81.2k	-48.9k	1	3	1	0	0	0	9.50k	6.55k	6.57k	-81.2k	-48.9k	0	0	0	9.50k	6.55k	6.57k	-
81.2k	-48.9k	1	4	1	0	0	0	9.50k	6.55k	6.57k	-81.2k	-48.9k	0	0	0	9.50k	6.55k	6.57k	-
81.2k	-48.9k	1	7	1	0	0	0	9.64k	6.69k	6.60k	-80.1k	-48.0k	0	0	0	9.67k	6.79k	6.62k	-
79.9k	-47.3k	1	8	1	0	0	0	9.76k	6.82k	6.62k	-79.2k	-47.1k	0	0	0	9.82k	7.00k	6.66k	-
78.7k	-45.9k																		

0	1	1	2	0	0	0	0	-9.57k	-7.25k	15.3k	-42.7k	-7.69k	0	0	0	-6.55k	-5.50k	16.9k	-
14.4k	-2.51k	1	2	2	0	0	0	-7.36k	-5.57k	11.8k	-32.8k	-5.92k	0	0	0	-5.04k	-4.23k	13.0k	-
0	1	3	2	0	0	0	0	-7.36k	-5.57k	11.8k	-32.8k	-5.92k	0	0	0	-5.04k	-4.23k	13.0k	-
11.1k	-1.93k	1	4	2	0	0	0	-7.36k	-5.57k	11.8k	-32.8k	-5.92k	0	0	0	-5.04k	-4.23k	13.0k	-
0	1	7	2	0	0	0	0	-7.26k	-5.51k	11.9k	-31.7k	-5.70k	0	0	0	-4.98k	-4.11k	13.1k	-
10.7k	-1.65k	1	8	2	0	0	0	-7.18k	-5.45k	12.0k	-30.8k	-5.51k	0	0	0	-4.93k	-4.00k	13.2k	-
0	1	7	0	0	0	0	0	-10.8k	-9.51k	12.1k	-9.60k	-9.83k	0	0	0	-8.18k	-6.20k	14.3k	-
10.3k	-1.42k	1	7	0	0	0	0	-8.33k	-7.32k	9.28k	-7.39k	-7.56k	0	0	0	-6.29k	-4.77k	11.0k	-
0	-754	-7.50k	2	7	0	0	0	-8.33k	-7.32k	9.28k	-7.39k	-7.56k	0	0	0	-6.29k	-4.77k	11.0k	-
0	-580	-5.77k	3	7	0	0	0	-8.33k	-7.32k	9.28k	-7.39k	-7.56k	0	0	0	-6.29k	-4.77k	11.0k	-
0	-580	-5.77k	4	7	0	0	0	-8.33k	-7.32k	9.28k	-7.39k	-7.56k	0	0	0	-6.29k	-4.77k	11.0k	-
0	-580	-5.77k	7	7	0	0	0	-8.25k	-7.25k	9.37k	-7.33k	-7.41k	0	0	0	-6.20k	-4.68k	11.1k	-
0	-452	-5.60k	8	7	0	0	0	-8.18k	-7.20k	9.45k	-7.28k	-7.29k	0	0	0	-6.13k	-4.60k	11.1k	-
0	-339	-5.45k	1	6	0	0	0	-2.25k	-6.84k	15.9k	-23.6k	-23.3k	0	0	0	1.76k	-2.68k	20.5k	-
15.3k	-14.2k	1	2	6	0	0	0	-1.73k	-5.27k	12.3k	-18.1k	-17.9k	0	0	0	1.36k	-2.06k	15.7k	-
0	1	3	6	0	0	0	0	-1.73k	-5.27k	12.3k	-18.1k	-17.9k	0	0	0	1.36k	-2.06k	15.7k	-
11.8k	-10.9k	1	4	6	0	0	0	-1.73k	-5.27k	12.3k	-18.1k	-17.9k	0	0	0	1.36k	-2.06k	15.7k	-
0	1	7	6	0	0	0	0	-1.67k	-5.13k	12.3k	-18.0k	-17.0k	0	0	0	1.44k	-2.03k	15.8k	-
11.8k	-10.9k	1	8	6	0	0	0	-1.62k	-5.01k	12.4k	-17.8k	-16.1k	0	0	0	1.51k	-2.01k	15.9k	-
11.6k	-10.8k	1	-	-	0	0	0	-8.32k	-7.54k	13.7k	-50.5k	-40.2k	0	0	0	3.51k	3.43k	17.9k	-
11.4k	-10.6k	1	-	-	0	0	0	-6.40k	-5.80k	10.6k	-38.8k	-30.9k	0	0	0	2.70k	2.64k	13.8k	-
0	6.39k	-4.87k	2	-	-	0	0	-6.40k	-5.80k	10.6k	-38.8k	-30.9k	0	0	0	2.70k	2.64k	13.8k	-
0	4.92k	-3.75k	3	-	-	0	0	-6.40k	-5.80k	10.6k	-38.8k	-30.9k	0	0	0	2.70k	2.64k	13.8k	-
0	4.92k	-3.75k	4	-	-	0	0	-6.40k	-5.80k	10.6k	-38.8k	-30.9k	0	0	0	2.70k	2.64k	13.8k	-
0	4.92k	-3.75k	7	-	-	0	0	-6.34k	-5.75k	10.6k	-38.4k	-30.5k	0	0	0	2.75k	2.68k	13.9k	-
0	5.19k	-3.54k	8	-	-	0	0	-6.29k	-5.70k	10.6k	-38.0k	-30.2k	0	0	0	2.79k	2.71k	14.0k	-
0	5.43k	-3.37k	1	2	0	0	0	-7.42k	-8.69k	13.9k	-41.9k	-10.0k	0	0	0	-1.71k	-5.29k	16.6k	-
10.2k	-6.14k	2	2	0	0	0	0	-5.71k	-6.68k	10.7k	-32.3k	-7.71k	0	0	0	-1.31k	-4.07k	12.8k	-
0	2	3	2	0	0	0	0	-5.71k	-6.68k	10.7k	-32.3k	-7.71k	0	0	0	-1.31k	-4.07k	12.8k	-
7.85k	-4.72k	2	4	2	0	0	0	-5.71k	-6.68k	10.7k	-32.3k	-7.71k	0	0	0	-1.31k	-4.07k	12.8k	-
0	2	7	2	0	0	0	0	-5.66k	-6.62k	10.8k	-31.1k	-7.50k	0	0	0	-1.17k	-3.89k	12.9k	-
7.85k	-4.72k	2	8	2	0	0	0	-5.61k	-6.56k	10.9k	-30.0k	-7.33k	0	0	0	-1.05k	-3.74k	13.1k	-
0	2	1	3	0	0	0	0	-8.57k	-14.5k	621	-6.53k	-4.73k	0	0	0	-6.83k	-13.8k	2.47k	-
1.56k	-4.18k	2	2	3	0	0	0	-6.59k	-11.2k	477	-5.02k	-3.64k	0	0	0	-5.25k	-10.6k	1.90k	-
0	2	3	3	0	0	0	0	-6.59k	-11.2k	477	-5.02k	-3.64k	0	0	0	-5.25k	-10.6k	1.90k	-
1.20k	-3.21k	2	4	3	0	0	0	-6.59k	-11.2k	477	-5.02k	-3.64k	0	0	0	-5.25k	-10.6k	1.90k	-
0	2	7	3	0	0	0	0	-6.57k	-11.1k	526	-4.35k	-3.54k	0	0	0	-5.10k	-10.4k	2.05k	-
0	-571	-2.94k	8	3	0	0	0	-6.55k	-11.0k	568	-3.77k	-3.45k	0	0	0	-4.97k	-10.1k	2.18k	-
24.1	-2.70k	1	8	0	0	0	0	-13.0k	-15.8k	452	-1.36k	-3.19k	0	0	0	-11.4k	-14.9k	4.62k	-
0	1.13k	-2.86k	2	8	0	0	0	-10.0k	-12.1k	348	-1.05k	-2.46k	0	0	0	-8.77k	-11.5k	3.56k	-
0	866	-2.20k	3	8	0	0	0	-10.0k	-12.1k	348	-1.05k	-2.46k	0	0	0	-8.77k	-11.5k	3.56k	-
0	866	-2.20k	4	8	0	0	0	-10.0k	-12.1k	348	-1.05k	-2.46k	0	0	0	-8.77k	-11.5k	3.56k	-
0	866	-2.20k	7	8	0	0	0	-9.97k	-12.1k	391	-996	-2.35k	0	0	0	-8.70k	-11.3k	3.69k	-
0	955	-1.99k	8	8	0	0	0	-9.94k	-12.0k	427	-950	-2.25k	0	0	0	-8.64k	-11.1k	3.80k	-
0	1.03k	-1.80k	1	7	0	0	0	-12.0k	-12.8k	8.67k	-6.85k	-6.32k	0	0	0	-9.51k	-8.67k	12.9k	-
0	2.86k	-4.10k	2	7	0	0	0	-9.23k	-9.81k	6.67k	-5.27k	-4.86k	0	0	0	-7.32k	-6.67k	9.95k	-
0	2.20k	-3.16k	3	7	0	0	0	-9.23k	-9.81k	6.67k	-5.27k	-4.86k	0	0	0	-7.32k	-6.67k	9.95k	-
0	2.20k	-3.16k	4	7	0	0	0	-9.23k	-9.81k	6.67k	-5.27k	-4.86k	0	0	0	-7.32k	-6.67k	9.95k	-
0	2.20k	-3.16k	7	7	0	0	0	-9.14k	-9.74k	6.75k	-5.18k	-4.71k	0	0	0	-7.23k	-6.55k	10.1k	-
0	2.40k	-2.96k	8	7	0	0	0	-9.07k	-9.68k	6.82k	-5.10k	-4.58k	0	0	0	-7.16k	-6.45k	10.1k	-
0	2.57k	-2.79k																	

0	2	1	-	-	0	0	0	-12.6k	-15.0k	583	-11.1k	-7.94k	0	0	0	-7.29k	-7.85k	14.3k
	8.60k	-3.11k																
0	2	2	-	-	0	0	0	-9.73k	-11.5k	448	-8.56k	-6.11k	0	0	0	-5.61k	-6.04k	11.0k
	6.61k	-2.39k																
0	2	3	-	-	0	0	0	-9.73k	-11.5k	448	-8.56k	-6.11k	0	0	0	-5.61k	-6.04k	11.0k
	6.61k	-2.39k																
0	2	4	-	-	0	0	0	-9.73k	-11.5k	448	-8.56k	-6.11k	0	0	0	-5.61k	-6.04k	11.0k
	6.61k	-2.39k																
0	2	7	-	-	0	0	0	-9.66k	-11.5k	495	-8.18k	-5.94k	0	0	0	-5.55k	-5.91k	11.1k
	6.99k	-2.18k																
0	2	8	-	-	0	0	0	-9.60k	-11.4k	535	-7.84k	-5.79k	0	0	0	-5.50k	-5.80k	11.2k
	7.32k	-1.99k																
0	3	1	3	0	0	0	0	-8.58k	-14.5k	-1.25k	397	-4.73k	0	0	0	-6.53k	-13.8k	622
	2.71k	-4.20k																
0	3	2	3	0	0	0	0	-6.60k	-11.1k	-962	305	-3.64k	0	0	0	-5.02k	-10.6k	478
	2.09k	-3.23k																
0	3	3	3	0	0	0	0	-6.60k	-11.1k	-962	305	-3.64k	0	0	0	-5.02k	-10.6k	478
	2.09k	-3.23k																
0	3	4	3	0	0	0	0	-6.60k	-11.1k	-962	305	-3.64k	0	0	0	-5.02k	-10.6k	478
	2.09k	-3.23k																
0	3	7	3	0	0	0	0	-6.58k	-11.1k	-908	520	-3.55k	0	0	0	-4.87k	-10.3k	626
	3.85k	-2.95k																
0	3	8	3	0	0	0	0	-6.56k	-11.0k	-862	706	-3.47k	0	0	0	-4.73k	-10.0k	753
	5.37k	-2.71k																
0	3	1	4	0	0	0	0	-7.38k	-9.60k	-15.8k	11.0k	-9.32k	0	0	0	-1.79k	-6.44k	-13.0k
	40.9k	-5.75k																
0	3	2	4	0	0	0	0	-5.68k	-7.38k	-12.1k	8.47k	-7.17k	0	0	0	-1.37k	-4.95k	-9.96k
	31.5k	-4.43k																
0	3	3	4	0	0	0	0	-5.68k	-7.38k	-12.1k	8.47k	-7.17k	0	0	0	-1.37k	-4.95k	-9.96k
	31.5k	-4.43k																
0	3	4	4	0	0	0	0	-5.68k	-7.38k	-12.1k	8.47k	-7.17k	0	0	0	-1.37k	-4.95k	-9.96k
	31.5k	-4.43k																
0	3	7	4	0	0	0	0	-5.63k	-7.31k	-12.0k	8.85k	-6.98k	0	0	0	-1.22k	-4.76k	-9.84k
	33.0k	-4.17k																
0	3	8	4	0	0	0	0	-5.58k	-7.25k	-11.9k	9.19k	-6.81k	0	0	0	-1.09k	-4.59k	-9.73k
	34.2k	-3.95k																
0	3	1	9	0	0	0	0	-12.2k	-13.3k	-12.3k	-1.40k	-5.12k	0	0	0	-9.97k	-9.53k	-7.89k
	6.18k	-3.83k																
0	3	2	9	0	0	0	0	-9.38k	-10.2k	-9.42k	-1.08k	-3.94k	0	0	0	-7.67k	-7.33k	-6.07k
	4.76k	-2.95k																
0	3	3	9	0	0	0	0	-9.38k	-10.2k	-9.42k	-1.08k	-3.94k	0	0	0	-7.67k	-7.33k	-6.07k
	4.76k	-2.95k																
0	3	4	9	0	0	0	0	-9.38k	-10.2k	-9.42k	-1.08k	-3.94k	0	0	0	-7.67k	-7.33k	-6.07k
	4.76k	-2.95k																
0	3	7	9	0	0	0	0	-9.29k	-10.2k	-9.33k	-936	-3.80k	0	0	0	-7.58k	-7.20k	-5.95k
	4.89k	-2.75k																
0	3	8	9	0	0	0	0	-9.22k	-10.1k	-9.24k	-813	-3.68k	0	0	0	-7.50k	-7.09k	-5.85k
	5.01k	-2.57k																
0	3	1	8	0	0	0	0	-13.0k	-15.8k	-3.62k	-1.02k	-3.10k	0	0	0	-11.4k	-15.2k	557
	1.05k	-2.85k																
0	3	2	8	0	0	0	0	-9.98k	-12.1k	-2.79k	-785	-2.39k	0	0	0	-8.79k	-11.7k	429
	809	-2.19k																
0	3	3	8	0	0	0	0	-9.98k	-12.1k	-2.79k	-785	-2.39k	0	0	0	-8.79k	-11.7k	429
	809	-2.19k																
0	3	4	8	0	0	0	0	-9.98k	-12.1k	-2.79k	-785	-2.39k	0	0	0	-8.79k	-11.7k	429
	809	-2.19k																
0	3	7	8	0	0	0	0	-9.95k	-12.1k	-2.73k	-739	-2.29k	0	0	0	-8.72k	-11.5k	561
	928	-1.98k																
0	3	8	8	0	0	0	0	-9.93k	-12.0k	-2.68k	-699	-2.20k	0	0	0	-8.66k	-11.3k	674
	1.03k	-1.79k																
0	3	1	-	-	0	0	0	-12.7k	-15.2k	-13.5k	-8.96k	-7.10k	0	0	0	-7.50k	-8.88k	579
	10.2k	-3.02k																
0	3	2	-	-	0	0	0	-9.80k	-11.7k	-10.4k	-6.89k	-5.46k	0	0	0	-5.77k	-6.83k	445
	7.82k	-2.32k																
0	3	3	-	-	0	0	0	-9.80k	-11.7k	-10.4k	-6.89k	-5.46k	0	0	0	-5.77k	-6.83k	445
	7.82k	-2.32k																
0	3	4	-	-	0	0	0	-9.80k	-11.7k	-10.4k	-6.89k	-5.46k	0	0	0	-5.77k	-6.83k	445
	7.82k	-2.32k																
0	3	7	-	-	0	0	0	-9.74k	-11.6k	-10.3k	-6.54k	-5.29k	0	0	0	-5.71k	-6.69k	586
	8.33k	-2.11k																
0	3	8	-	-	0	0	0	-9.69k	-11.5k	-10.2k	-6.23k	-5.15k	0	0	0	-5.66k	-6.57k	707
	8.78k	-1.92k																
0	4	1	4	0	0	0	0	-9.84k	-8.30k	-16.0k	13.6k	-6.81k	0	0	0	-6.77k	-6.51k	-14.6k
	40.6k	-1.65k																
0	4	2	4	0	0	0	0	-7.57k	-6.38k	-12.3k	10.5k	-5.24k	0	0	0	-5.21k	-5.01k	-11.2k
	31.2k	-1.27k																
0	4	3	4	0	0	0	0	-7.57k	-6.38k	-12.3k	10.5k	-5.24k	0	0	0	-5.21k	-5.01k	-11.2k
	31.2k	-1.27k																
0	4	4	4	0	0	0	0	-7.57k	-6.38k	-12.3k	10.5k	-5.24k	0	0	0	-5.21k	-5.01k	-11.2k
	31.2k	-1.27k																
0	4	7	4	0	0	0	0	-7.46k	-6.31k	-12.2k	10.9k	-5.02k	0	0	0	-5.15k	-4.87k	-11.1k
	32.3k	-981																
0	4	8	4	0	0	0	0	-7.37k	-6.25k	-12.1k	11.2k	-4.83k	0	0	0	-5.09k	-4.75k	-11.0k
	33.3k	-737																
0	4	1	5	0	0	0	0	12.8k	8.53k	-9.00k	102k	-63.3k	0	0	0	12.8k	8.53k	-9.00k
	102k	-63.3k																
0	4	2	5	0	0	0	0	9.85k	6.56k	-6.92k	78.2k	-48.7k	0	0	0	9.85k	6.56k	-6.92k
	78.2k	-48.7k																
0	4	3	5	0	0	0	0	9.85k	6.56k	-6.92k	78.2k	-48.7k	0	0	0	9.85k	6.56k	-6.92k
	78.2k	-48.7k																
0	4	4	5	0	0	0	0	9.85k	6.56k	-6.92k	78.2k	-48.7k	0	0	0	9.85k	6.56k	-6.92k
	78.2k	-48.7k																
0	4	7	5	0	0	0	0	9.99k	6.70k	-6.89k	79.3k	-47.8k	0	0	0	10.0k	6.80k	-6.88k
	79.5k	-47.1k																
0	4	8	5	0	0	0	0	10.1k	6.82k	-6.87k	80.2k	-46.9k	0	0	0	10.2k	7.01k	-6.84k
	80.7k	-45.7k																

0	4	1	10	0	0	0	0	-2.72k	-6.73k	-20.4k	15.4k	-22.3k	0	0	0	1.76k	-2.66k	-15.8k
0	23.8k	-14.2k	2	10	0	0	0	-2.09k	-5.18k	-15.7k	11.8k	-17.2k	0	0	0	1.35k	-2.05k	-12.2k
0	18.3k	-10.9k	3	10	0	0	0	-2.09k	-5.18k	-15.7k	11.8k	-17.2k	0	0	0	1.35k	-2.05k	-12.2k
0	18.3k	-10.9k	4	10	0	0	0	-2.09k	-5.18k	-15.7k	11.8k	-17.2k	0	0	0	1.35k	-2.05k	-12.2k
0	18.3k	-10.9k	7	10	0	0	0	-2.04k	-5.05k	-15.6k	11.9k	-16.2k	0	0	0	1.43k	-2.02k	-12.1k
0	18.6k	-10.8k	8	10	0	0	0	-1.99k	-4.93k	-15.5k	12.1k	-15.4k	0	0	0	1.50k	-1.99k	-12.0k
0	18.8k	-10.7k	1	9	0	0	0	-11.2k	-10.3k	-13.6k	277	-9.86k	0	0	0	-8.96k	-7.29k	-11.4k
0	8.94k	-6.75k	2	9	0	0	0	-8.63k	-7.90k	-10.5k	213	-7.59k	0	0	0	-6.89k	-5.61k	-8.77k
0	6.88k	-5.19k	3	9	0	0	0	-8.63k	-7.90k	-10.5k	213	-7.59k	0	0	0	-6.89k	-5.61k	-8.77k
0	6.88k	-5.19k	4	9	0	0	0	-8.63k	-7.90k	-10.5k	213	-7.59k	0	0	0	-6.89k	-5.61k	-8.77k
0	6.88k	-5.19k	7	9	0	0	0	-8.55k	-7.83k	-10.4k	305	-7.44k	0	0	0	-6.79k	-5.51k	-8.67k
0	6.96k	-5.01k	8	9	0	0	0	-8.48k	-7.78k	-10.3k	387	-7.32k	0	0	0	-6.70k	-5.41k	-8.59k
0	7.02k	-4.85k	1	-	-	0	0	-8.72k	-8.49k	-18.1k	-6.14k	-41.6k	0	0	0	3.61k	3.41k	-13.3k
0	54.1k	-4.20k	2	-	-	0	0	-6.71k	-6.53k	-13.9k	-4.72k	-32.0k	0	0	0	2.78k	2.62k	-10.2k
0	41.7k	-3.23k	3	-	-	0	0	-6.71k	-6.53k	-13.9k	-4.72k	-32.0k	0	0	0	2.78k	2.62k	-10.2k
0	41.7k	-3.23k	4	-	-	0	0	-6.71k	-6.53k	-13.9k	-4.72k	-32.0k	0	0	0	2.78k	2.62k	-10.2k
0	41.7k	-3.23k	7	-	-	0	0	-6.64k	-6.48k	-13.8k	-4.49k	-31.6k	0	0	0	2.82k	2.66k	-10.1k
0	42.2k	-3.03k	8	-	-	0	0	-6.58k	-6.43k	-13.7k	-4.29k	-31.2k	0	0	0	2.87k	2.69k	-10.0k
0	42.7k	-2.85k	1	6	0	0	0	-6.60k	-6.36k	16.0k	-20.1k	-26.4k	0	0	0	2.71k	-2.09k	20.2k
0	9.51k	-1.01k	5	2	6	0	0	-5.08k	-4.89k	12.3k	-15.4k	-20.3k	0	0	0	2.09k	-1.61k	15.5k
0	7.32k	-775	3	6	0	0	0	-5.08k	-4.89k	12.3k	-15.4k	-20.3k	0	0	0	2.09k	-1.61k	15.5k
0	7.32k	-775	4	6	0	0	0	-5.08k	-4.89k	12.3k	-15.4k	-20.3k	0	0	0	2.09k	-1.61k	15.5k
0	7.32k	-775	7	6	0	0	0	-4.98k	-4.84k	12.4k	-15.2k	-19.0k	0	0	0	2.20k	-1.50k	15.7k
0	7.12k	-633	8	6	0	0	0	-4.90k	-4.79k	12.5k	-15.0k	-17.9k	0	0	0	2.29k	-1.41k	15.7k
0	6.95k	-463	1	7	0	0	0	-14.0k	-11.5k	10.2k	-9.74k	-7.73k	0	0	0	-9.05k	-7.43k	13.6k
0	5.69k	-3.56k	2	7	0	0	0	-10.7k	-8.86k	7.86k	-7.49k	-5.95k	0	0	0	-6.96k	-5.71k	10.5k
0	4.38k	-2.74k	3	7	0	0	0	-10.7k	-8.86k	7.86k	-7.49k	-5.95k	0	0	0	-6.96k	-5.71k	10.5k
0	4.38k	-2.74k	4	7	0	0	0	-10.7k	-8.86k	7.86k	-7.49k	-5.95k	0	0	0	-6.96k	-5.71k	10.5k
0	4.38k	-2.74k	7	7	0	0	0	-10.6k	-8.77k	7.93k	-7.44k	-5.84k	0	0	0	-6.85k	-5.62k	10.6k
0	4.30k	-2.66k	8	7	0	0	0	-10.5k	-8.70k	8.00k	-7.39k	-5.75k	0	0	0	-6.76k	-5.54k	10.6k
0	4.23k	-2.59k	1	12	0	0	0	-21.3k	-12.8k	6.55k	-5.19k	-674	0	0	0	-18.4k	-11.3k	8.81k
0	4.31k	438	2	12	0	0	0	-16.4k	-9.85k	5.04k	-4.00k	-519	0	0	0	-14.1k	-8.66k	6.78k
0	3.32k	337	3	12	0	0	0	-16.4k	-9.85k	5.04k	-4.00k	-519	0	0	0	-14.1k	-8.66k	6.78k
0	3.32k	337	4	12	0	0	0	-16.4k	-9.85k	5.04k	-4.00k	-519	0	0	0	-14.1k	-8.66k	6.78k
0	3.32k	337	7	12	0	0	0	-16.2k	-9.75k	5.08k	-3.90k	-487	0	0	0	-13.9k	-8.55k	6.85k
0	3.22k	365	8	12	0	0	0	-16.1k	-9.66k	5.12k	-3.82k	-460	0	0	0	-13.7k	-8.47k	6.91k
0	3.13k	390	1	11	0	0	0	-16.6k	-8.05k	10.4k	-7.98k	-14.8k	0	0	0	-13.5k	-6.80k	13.5k
0	7.01k	2.88k	2	11	0	0	0	-12.8k	-6.19k	7.99k	-6.14k	-11.4k	0	0	0	-10.4k	-5.23k	10.4k
0	5.39k	2.22k	3	11	0	0	0	-12.8k	-6.19k	7.99k	-6.14k	-11.4k	0	0	0	-10.4k	-5.23k	10.4k
0	5.39k	2.22k	4	11	0	0	0	-12.8k	-6.19k	7.99k	-6.14k	-11.4k	0	0	0	-10.4k	-5.23k	10.4k
0	5.39k	2.22k	7	11	0	0	0	-12.6k	-6.12k	8.04k	-5.93k	-10.7k	0	0	0	-10.2k	-5.10k	10.4k
0	5.19k	2.39k	8	11	0	0	0	-12.5k	-6.05k	8.08k	-5.74k	-10.0k	0	0	0	-10.0k	-4.98k	10.5k
0	5.01k	2.54k	1	-	-	0	0	-19.5k	-12.6k	8.25k	-17.3k	-10.6k	0	0	0	-4.24k	-5.18k	16.4k
0	4.86k	1.70k	2	-	-	0	0	-15.0k	-9.68k	6.35k	-13.3k	-8.16k	0	0	0	-3.26k	-3.98k	12.6k
0	3.74k	1.31k	3	-	-	0	0	-15.0k	-9.68k	6.35k	-13.3k	-8.16k	0	0	0	-3.26k	-3.98k	12.6k
0	3.74k	1.31k	4	-	-	0	0	-15.0k	-9.68k	6.35k	-13.3k	-8.16k	0	0	0	-3.26k	-3.98k	12.6k
0	3.74k	1.31k	7	-	-	0	0	-14.9k	-9.58k	6.39k	-13.2k	-8.02k	0	0	0	-3.17k	-3.92k	12.7k
0	3.65k	1.39k	8	-	-	0	0	-14.7k	-9.49k	6.43k	-13.1k	-7.90k	0	0	0	-3.09k	-3.87k	12.8k
0	3.58k	1.47k																

0	6	1	7	0	0	0	0	-14.7k	-13.2k	8.28k	-6.89k	-6.09k	0	0	0	-10.3k	-9.42k	12.2k	-
2.54k	-2.98k																		
0	6	2	7	0	0	0	0	-11.3k	-10.1k	6.37k	-5.30k	-4.69k	0	0	0	-7.92k	-7.25k	9.40k	-
1.95k	-2.29k																		
0	6	3	7	0	0	0	0	-11.3k	-10.1k	6.37k	-5.30k	-4.69k	0	0	0	-7.92k	-7.25k	9.40k	-
1.95k	-2.29k																		
0	6	4	7	0	0	0	0	-11.3k	-10.1k	6.37k	-5.30k	-4.69k	0	0	0	-7.92k	-7.25k	9.40k	-
1.95k	-2.29k																		
0	6	7	7	0	0	0	0	-11.2k	-10.1k	6.44k	-5.21k	-4.58k	0	0	0	-7.81k	-7.13k	9.50k	-
1.88k	-2.17k																		
0	6	8	7	0	0	0	0	-11.1k	-9.99k	6.51k	-5.13k	-4.49k	0	0	0	-7.71k	-7.03k	9.58k	-
1.82k	-2.07k																		
0	6	1	8	0	0	0	0	-16.9k	-16.4k	420	-1.36k	-2.46k	0	0	0	-12.7k	-14.9k	4.66k	-
91.1	-894																		
0	6	2	8	0	0	0	0	-13.0k	-12.6k	323	-1.05k	-1.89k	0	0	0	-9.80k	-11.5k	3.58k	-
70.1	-688																		
0	6	3	8	0	0	0	0	-13.0k	-12.6k	323	-1.05k	-1.89k	0	0	0	-9.80k	-11.5k	3.58k	-
70.1	-688																		
0	6	4	8	0	0	0	0	-13.0k	-12.6k	323	-1.05k	-1.89k	0	0	0	-9.80k	-11.5k	3.58k	-
70.1	-688																		
0	6	7	8	0	0	0	0	-13.0k	-12.6k	363	-996	-1.81k	0	0	0	-9.71k	-11.3k	3.71k	
3.26	-563																		
0	6	8	8	0	0	0	0	-12.9k	-12.5k	398	-949	-1.75k	0	0	0	-9.64k	-11.1k	3.83k	
65.7	-454																		
0	6	1	13	0	0	0	0	-23.9k	-16.5k	235	-969	628	0	0	0	-21.7k	-15.7k	2.11k	
-263	1.28k																		
0	6	2	13	0	0	0	0	-18.4k	-12.7k	181	-745	483	0	0	0	-16.7k	-12.1k	1.62k	
-202	983																		
0	6	3	13	0	0	0	0	-18.4k	-12.7k	181	-745	483	0	0	0	-16.7k	-12.1k	1.62k	
-202	983																		
0	6	4	13	0	0	0	0	-18.4k	-12.7k	181	-745	483	0	0	0	-16.7k	-12.1k	1.62k	
-202	983																		
0	6	7	13	0	0	0	0	-18.4k	-12.6k	211	-684	505	0	0	0	-16.6k	-12.0k	1.72k	-
32.5	1.03k																		
0	6	8	13	0	0	0	0	-18.3k	-12.6k	237	-631	525	0	0	0	-16.5k	-11.9k	1.81k	
112	1.07k																		
0	6	1	12	0	0	0	0	-22.6k	-14.4k	4.80k	-3.97k	-612	0	0	0	-18.9k	-12.8k	7.86k	-
2.49k	699																		
0	6	2	12	0	0	0	0	-17.4k	-11.1k	3.69k	-3.05k	-471	0	0	0	-14.5k	-9.81k	6.05k	-
1.91k	538																		
0	6	3	12	0	0	0	0	-17.4k	-11.1k	3.69k	-3.05k	-471	0	0	0	-14.5k	-9.81k	6.05k	-
1.91k	538																		
0	6	4	12	0	0	0	0	-17.4k	-11.1k	3.69k	-3.05k	-471	0	0	0	-14.5k	-9.81k	6.05k	-
1.91k	538																		
0	6	7	12	0	0	0	0	-17.2k	-11.0k	3.73k	-2.97k	-440	0	0	0	-14.3k	-9.70k	6.13k	-
1.78k	574																		
0	6	8	12	0	0	0	0	-17.1k	-10.9k	3.77k	-2.91k	-413	0	0	0	-14.1k	-9.60k	6.20k	-
1.66k	606																		
0	6	1	-	-	0	0	0	-23.5k	-16.6k	325	-4.54k	-3.21k	0	0	0	-12.2k	-12.0k	9.58k	
-267	1.07k																		
0	6	2	-	-	0	0	0	-18.1k	-12.8k	250	-3.49k	-2.47k	0	0	0	-9.35k	-9.20k	7.37k	
-205	819																		
0	6	3	-	-	0	0	0	-18.1k	-12.8k	250	-3.49k	-2.47k	0	0	0	-9.35k	-9.20k	7.37k	
-205	819																		
0	6	4	-	-	0	0	0	-18.1k	-12.8k	250	-3.49k	-2.47k	0	0	0	-9.35k	-9.20k	7.37k	
-205	819																		
0	6	7	-	-	0	0	0	-17.9k	-12.7k	286	-3.42k	-2.37k	0	0	0	-9.26k	-9.09k	7.46k	-
70.2	862																		
0	6	8	-	-	0	0	0	-17.8k	-12.7k	317	-3.35k	-2.28k	0	0	0	-9.18k	-8.99k	7.53k	
49.9	900																		
0	7	1	8	0	0	0	0	-16.9k	-16.4k	-3.66k	-45.2	-2.33k	0	0	0	-12.8k	-15.2k	489	
1.05k	-892																		
0	7	2	8	0	0	0	0	-13.0k	-12.6k	-2.82k	-34.7	-1.79k	0	0	0	-9.87k	-11.7k	376	
809	-687																		
0	7	3	8	0	0	0	0	-13.0k	-12.6k	-2.82k	-34.7	-1.79k	0	0	0	-9.87k	-11.7k	376	
809	-687																		
0	7	4	8	0	0	0	0	-13.0k	-12.6k	-2.82k	-34.7	-1.79k	0	0	0	-9.87k	-11.7k	376	
809	-687																		
0	7	7	8	0	0	0	0	-13.0k	-12.6k	-2.76k	-11.4	-1.72k	0	0	0	-9.78k	-11.5k	510	
928	-562																		
0	7	8	8	0	0	0	0	-12.9k	-12.5k	-2.70k	8.43	-1.66k	0	0	0	-9.71k	-11.4k	624	
1.03k	-452																		
0	7	1	9	0	0	0	0	-15.3k	-13.7k	-11.6k	2.14k	-5.50k	0	0	0	-10.7k	-10.2k	-7.55k	
6.23k	-2.62k																		
0	7	2	9	0	0	0	0	-11.7k	-10.6k	-8.91k	1.65k	-4.23k	0	0	0	-8.24k	-7.83k	-5.81k	
4.79k	-2.01k																		
0	7	3	9	0	0	0	0	-11.7k	-10.6k	-8.91k	1.65k	-4.23k	0	0	0	-8.24k	-7.83k	-5.81k	
4.79k	-2.01k																		
0	7	4	9	0	0	0	0	-11.7k	-10.6k	-8.91k	1.65k	-4.23k	0	0	0	-8.24k	-7.83k	-5.81k	
4.79k	-2.01k																		
0	7	7	9	0	0	0	0	-11.6k	-10.5k	-8.83k	1.70k	-4.12k	0	0	0	-8.13k	-7.70k	-5.69k	
4.92k	-1.92k																		
0	7	8	9	0	0	0	0	-11.5k	-10.4k	-8.75k	1.75k	-4.03k	0	0	0	-8.03k	-7.59k	-5.60k	
5.04k	-1.82k																		
0	7	1	14	0	0	0	0	-22.8k	-14.7k	-7.34k	2.19k	-520	0	0	0	-19.3k	-13.2k	-4.35k	
3.58k	786																		
0	7	2	14	0	0	0	0	-17.6k	-11.3k	-5.64k	1.68k	-400	0	0	0	-14.9k	-10.1k	-3.35k	
2.76k	605																		
0	7	3	14	0	0	0	0	-17.6k	-11.3k	-5.64k	1.68k	-400	0	0	0	-14.9k	-10.1k	-3.35k	
2.76k	605																		
0	7	4	14	0	0	0	0	-17.6k	-11.3k	-5.64k	1.68k	-400	0	0	0	-14.9k	-10.1k	-3.35k	
2.76k	605																		
0	7	7	14	0	0	0	0	-17.4k	-11.2k	-5.59k	1.75k	-369	0	0	0	-14.6k	-10.0k	-3.26k	
2.86k	643																		
0	7	8	14	0	0	0	0	-17.3k	-11.1k	-5.55k	1.82k	-342	0	0	0	-14.5k	-9.92k	-3.18k	
2.95k	677																		

0	7	1	13	0	0	0	0	-23.9k	-16.5k	-1.59k	48.9	656	0	0	0	-21.7k	-15.9k	308
	733	1.28k																
0	7	2	13	0	0	0	0	-18.4k	-12.7k	-1.23k	37.6	505	0	0	0	-16.7k	-12.2k	237
	564	983																
0	7	3	13	0	0	0	0	-18.4k	-12.7k	-1.23k	37.6	505	0	0	0	-16.7k	-12.2k	237
	564	983																
0	7	4	13	0	0	0	0	-18.4k	-12.7k	-1.23k	37.6	505	0	0	0	-16.7k	-12.2k	237
	564	983																
0	7	7	13	0	0	0	0	-18.4k	-12.6k	-1.19k	86.2	526	0	0	0	-16.6k	-12.1k	345
	725	1.03k																
0	7	8	13	0	0	0	0	-18.3k	-12.6k	-1.16k	126	544	0	0	0	-16.5k	-12.0k	439
	861	1.07k																
0	7	1	-	-	0	0	0	-23.6k	-16.6k	-8.98k	46.2	-2.94k	0	0	0	-12.3k	-12.5k	383
	3.96k	1.13k																
0	7	2	-	-	0	0	0	-18.2k	-12.8k	-6.91k	35.6	-2.26k	0	0	0	-9.49k	-9.60k	295
	3.05k	867																
0	7	3	-	-	0	0	0	-18.2k	-12.8k	-6.91k	35.6	-2.26k	0	0	0	-9.49k	-9.60k	295
	3.05k	867																
0	7	4	-	-	0	0	0	-18.2k	-12.8k	-6.91k	35.6	-2.26k	0	0	0	-9.49k	-9.60k	295
	3.05k	867																
0	7	7	-	-	0	0	0	-18.0k	-12.7k	-6.84k	73.5	-2.16k	0	0	0	-9.40k	-9.48k	417
	3.13k	911																
0	7	8	-	-	0	0	0	-17.9k	-12.7k	-6.79k	105	-2.08k	0	0	0	-9.32k	-9.38k	521
	3.20k	949																
0	8	1	9	0	0	0	0	-14.7k	-12.1k	-13.6k	4.98k	-7.89k	0	0	0	-8.96k	-7.41k	-9.61k
	9.11k	-3.10k																
0	8	2	9	0	0	0	0	-11.3k	-9.29k	-10.4k	3.83k	-6.07k	0	0	0	-6.89k	-5.70k	-7.39k
	7.01k	-2.38k																
0	8	3	9	0	0	0	0	-11.3k	-9.29k	-10.4k	3.83k	-6.07k	0	0	0	-6.89k	-5.70k	-7.39k
	7.01k	-2.38k																
0	8	4	9	0	0	0	0	-11.3k	-9.29k	-10.4k	3.83k	-6.07k	0	0	0	-6.89k	-5.70k	-7.39k
	7.01k	-2.38k																
0	8	7	9	0	0	0	0	-11.2k	-9.20k	-10.3k	3.88k	-5.96k	0	0	0	-6.78k	-5.61k	-7.30k
	7.09k	-2.30k																
0	8	8	9	0	0	0	0	-11.1k	-9.13k	-10.3k	3.92k	-5.86k	0	0	0	-6.69k	-5.53k	-7.22k
	7.16k	-2.22k																
0	8	1	10	0	0	0	0	-6.61k	-6.44k	-20.2k	9.53k	-24.5k	0	0	0	2.65k	-2.26k	-15.8k
	19.6k	-1.21k																
0	8	2	10	0	0	0	0	-5.09k	-4.95k	-15.5k	7.33k	-18.8k	0	0	0	2.04k	-1.74k	-12.2k
	15.1k	-930																
0	8	3	10	0	0	0	0	-5.09k	-4.95k	-15.5k	7.33k	-18.8k	0	0	0	2.04k	-1.74k	-12.2k
	15.1k	-930																
0	8	4	10	0	0	0	0	-5.09k	-4.95k	-15.5k	7.33k	-18.8k	0	0	0	2.04k	-1.74k	-12.2k
	15.1k	-930																
0	8	7	10	0	0	0	0	-4.99k	-4.90k	-15.4k	7.52k	-17.6k	0	0	0	2.15k	-1.63k	-12.1k
	15.4k	-766																
0	8	8	10	0	0	0	0	-4.91k	-4.86k	-15.4k	7.68k	-16.6k	0	0	0	2.24k	-1.54k	-12.0k
	15.6k	-620																
0	8	1	15	0	0	0	0	-16.8k	-8.17k	-13.4k	6.94k	-13.7k	0	0	0	-13.5k	-6.71k	-10.3k
	7.99k	2.71k																
0	8	2	15	0	0	0	0	-12.9k	-6.28k	-10.3k	5.34k	-10.5k	0	0	0	-10.4k	-5.16k	-7.91k
	6.15k	2.09k																
0	8	3	15	0	0	0	0	-12.9k	-6.28k	-10.3k	5.34k	-10.5k	0	0	0	-10.4k	-5.16k	-7.91k
	6.15k	2.09k																
0	8	4	15	0	0	0	0	-12.9k	-6.28k	-10.3k	5.34k	-10.5k	0	0	0	-10.4k	-5.16k	-7.91k
	6.15k	2.09k																
0	8	7	15	0	0	0	0	-12.8k	-6.21k	-10.3k	5.50k	-9.68k	0	0	0	-10.2k	-5.03k	-7.85k
	6.38k	2.27k																
0	8	8	15	0	0	0	0	-12.6k	-6.15k	-10.2k	5.64k	-8.96k	0	0	0	-10.0k	-4.92k	-7.80k
	6.59k	2.43k																
0	8	1	14	0	0	0	0	-21.7k	-13.2k	-8.18k	3.97k	-680	0	0	0	-18.6k	-11.4k	-6.11k
	4.93k	486																
0	8	2	14	0	0	0	0	-16.7k	-10.2k	-6.29k	3.06k	-523	0	0	0	-14.3k	-8.80k	-4.70k
	3.79k	374																
0	8	3	14	0	0	0	0	-16.7k	-10.2k	-6.29k	3.06k	-523	0	0	0	-14.3k	-8.80k	-4.70k
	3.79k	374																
0	8	4	14	0	0	0	0	-16.7k	-10.2k	-6.29k	3.06k	-523	0	0	0	-14.3k	-8.80k	-4.70k
	3.79k	374																
0	8	7	14	0	0	0	0	-16.5k	-10.1k	-6.24k	3.14k	-491	0	0	0	-14.1k	-8.69k	-4.62k
	3.90k	406																
0	8	8	14	0	0	0	0	-16.4k	-9.99k	-6.20k	3.21k	-463	0	0	0	-13.9k	-8.60k	-4.55k
	3.98k	435																
0	8	1	-	-	0	0	0	-19.9k	-13.1k	-16.5k	4.59k	-10.4k	0	0	0	-4.77k	-5.34k	-7.86k
	16.2k	1.57k																
0	8	2	-	-	0	0	0	-15.3k	-10.0k	-12.7k	3.53k	-8.00k	0	0	0	-3.67k	-4.11k	-6.05k
	12.4k	1.21k																
0	8	3	-	-	0	0	0	-15.3k	-10.0k	-12.7k	3.53k	-8.00k	0	0	0	-3.67k	-4.11k	-6.05k
	12.4k	1.21k																
0	8	4	-	-	0	0	0	-15.3k	-10.0k	-12.7k	3.53k	-8.00k	0	0	0	-3.67k	-4.11k	-6.05k
	12.4k	1.21k																
0	8	7	-	-	0	0	0	-15.1k	-9.94k	-12.6k	3.61k	-7.87k	0	0	0	-3.58k	-4.04k	-5.96k
	12.6k	1.32k																
0	8	8	-	-	0	0	0	-15.0k	-9.86k	-12.6k	3.68k	-7.75k	0	0	0	-3.50k	-3.99k	-5.88k
	12.7k	1.42k																
0	9	1	11	0	0	0	0	-18.4k	-8.12k	8.43k	-9.33k	-10.1k	0	0	0	-14.7k	-4.87k	11.3k
	7.46k	1.60k																-
0	9	2	11	0	0	0	0	-14.2k	-6.25k	6.49k	-7.17k	-7.76k	0	0	0	-11.3k	-3.74k	8.71k
	5.73k	1.23k																-
0	9	3	11	0	0	0	0	-14.2k	-6.25k	6.49k	-7.17k	-7.76k	0	0	0	-11.3k	-3.74k	8.71k
	5.73k	1.23k																-
0	9	4	11	0	0	0	0	-14.2k	-6.25k	6.49k	-7.17k	-7.76k	0	0	0	-11.3k	-3.74k	8.71k
	5.73k	1.23k																-
0	9	7	11	0	0	0	0	-14.0k	-6.17k	6.52k	-6.93k	-7.05k	0	0	0	-11.1k	-3.67k	8.77k
	5.53k	1.40k																-
0	9	8	11	0	0	0	0	-13.9k	-6.11k	6.56k	-6.71k	-6.43k	0	0	0	-10.8k	-3.61k	8.82k
	5.35k	1.54k																-

0	9	1	12	0	0	0	0	-23.2k	-12.7k	5.39k	-5.01k	465	0	0	0	-20.1k	-11.2k	7.74k	-
4.18k	1.13k	2	12	0	0	0	0	-17.8k	-9.80k	4.15k	-3.86k	357	0	0	0	-15.5k	-8.58k	5.96k	-
0	9	3	12	0	0	0	0	-17.8k	-9.80k	4.15k	-3.86k	357	0	0	0	-15.5k	-8.58k	5.96k	-
3.21k	868	4	12	0	0	0	0	-17.8k	-9.80k	4.15k	-3.86k	357	0	0	0	-15.5k	-8.58k	5.96k	-
0	9	7	12	0	0	0	0	-17.7k	-9.70k	4.18k	-3.76k	379	0	0	0	-15.2k	-8.47k	6.03k	-
3.21k	868	8	12	0	0	0	0	-17.5k	-9.61k	4.21k	-3.67k	398	0	0	0	-15.0k	-8.38k	6.09k	-
0	9	1	17	0	0	0	0	-26.2k	-11.4k	2.87k	-5.62k	1.23k	0	0	0	-24.5k	-9.71k	4.06k	-
3.10k	887	2	17	0	0	0	0	-20.2k	-8.80k	2.21k	-4.32k	945	0	0	0	-18.8k	-7.47k	3.12k	-
0	9	3	17	0	0	0	0	-20.2k	-8.80k	2.21k	-4.32k	945	0	0	0	-18.8k	-7.47k	3.12k	-
3.01k	903	4	17	0	0	0	0	-20.2k	-8.80k	2.21k	-4.32k	945	0	0	0	-18.8k	-7.47k	3.12k	-
0	9	7	17	0	0	0	0	-20.0k	-8.70k	2.24k	-4.23k	964	0	0	0	-18.5k	-7.36k	3.19k	-
4.26k	1.55k	8	17	0	0	0	0	-19.9k	-8.62k	2.27k	-4.15k	980	0	0	0	-18.3k	-7.27k	3.24k	-
0	9	1	16	0	0	0	0	-21.9k	-7.96k	4.01k	-11.3k	-756	0	0	0	-18.6k	-5.62k	5.54k	-
3.28k	1.20k	2	16	0	0	0	0	-16.8k	-6.13k	3.09k	-8.70k	-581	0	0	0	-14.3k	-4.32k	4.26k	-
0	9	3	16	0	0	0	0	-16.8k	-6.13k	3.09k	-8.70k	-581	0	0	0	-14.3k	-4.32k	4.26k	-
3.28k	1.20k	4	16	0	0	0	0	-16.8k	-6.13k	3.09k	-8.70k	-581	0	0	0	-14.3k	-4.32k	4.26k	-
0	9	7	16	0	0	0	0	-16.6k	-6.05k	3.13k	-8.49k	-400	0	0	0	-14.0k	-4.17k	4.32k	-
3.28k	1.20k	8	16	0	0	0	0	-16.5k	-5.98k	3.17k	-8.31k	-241	0	0	0	-13.7k	-4.05k	4.37k	-
0	9	1	-	-	0	0	0	-24.9k	-12.1k	3.50k	-9.44k	-577	0	0	0	-17.7k	-7.18k	9.63k	-
3.16k	1.22k	2	-	-	0	0	0	-19.2k	-9.35k	2.69k	-7.26k	-444	0	0	0	-13.6k	-5.52k	7.41k	-
0	9	3	-	-	0	0	0	-19.2k	-9.35k	2.69k	-7.26k	-444	0	0	0	-13.6k	-5.52k	7.41k	-
3.06k	1.24k	4	-	-	0	0	0	-19.2k	-9.35k	2.69k	-7.26k	-444	0	0	0	-13.6k	-5.52k	7.41k	-
0	9	7	-	-	0	0	0	-19.0k	-9.24k	2.73k	-7.08k	-263	0	0	0	-13.4k	-5.42k	7.47k	-
8.57k	6.58k	8	-	-	0	0	0	-18.9k	-9.15k	2.76k	-6.92k	-112	0	0	0	-13.1k	-5.34k	7.53k	-
0	9	1	12	0	0	0	0	-23.9k	-14.3k	4.28k	-3.61k	660	0	0	0	-21.3k	-12.4k	6.56k	-
6.59k	5.06k	2	12	0	0	0	0	-18.3k	-11.0k	3.29k	-2.78k	508	0	0	0	-16.4k	-9.52k	5.05k	-
0	9	3	12	0	0	0	0	-18.3k	-11.0k	3.29k	-2.78k	508	0	0	0	-16.4k	-9.52k	5.05k	-
6.59k	5.06k	4	12	0	0	0	0	-18.3k	-11.0k	3.29k	-2.78k	508	0	0	0	-16.4k	-9.52k	5.05k	-
0	9	7	12	0	0	0	0	-18.2k	-10.9k	3.32k	-2.70k	527	0	0	0	-16.1k	-9.41k	5.12k	-
6.59k	5.06k	8	12	0	0	0	0	-18.0k	-10.8k	3.36k	-2.63k	544	0	0	0	-15.9k	-9.32k	5.19k	-
0	9	1	13	0	0	0	0	-25.6k	-16.0k	207	-939	1.43k	0	0	0	-23.7k	-15.3k	1.95k	-
6.38k	6.02k	2	13	0	0	0	0	-19.7k	-12.3k	160	-722	1.10k	0	0	0	-18.2k	-11.8k	1.50k	-
6.20k	6.87k	3	13	0	0	0	0	-19.7k	-12.3k	160	-722	1.10k	0	0	0	-18.2k	-11.8k	1.50k	-
0	9	4	13	0	0	0	0	-19.7k	-12.3k	160	-722	1.10k	0	0	0	-18.2k	-11.8k	1.50k	-
4.18k	1.48k	7	13	0	0	0	0	-19.7k	-12.3k	186	-659	1.11k	0	0	0	-18.1k	-11.6k	1.60k	-
0	9	8	13	0	0	0	0	-19.6k	-12.3k	209	-605	1.13k	0	0	0	-18.0k	-11.5k	1.68k	-
3.22k	1.14k	1	18	0	0	0	0	-28.6k	-13.9k	104	-769	2.18k	0	0	0	-27.7k	-12.8k	977	-
0	9	2	18	0	0	0	0	-22.0k	-10.7k	80.4	-591	1.68k	0	0	0	-21.3k	-9.85k	751	-
3.22k	1.14k	3	18	0	0	0	0	-22.0k	-10.7k	80.4	-591	1.68k	0	0	0	-21.3k	-9.85k	751	-
0	9	4	18	0	0	0	0	-22.0k	-10.7k	80.4	-591	1.68k	0	0	0	-21.3k	-9.85k	751	-
3.22k	1.14k	7	18	0	0	0	0	-21.9k	-10.7k	99.9	-521	1.69k	0	0	0	-21.1k	-9.75k	818	-
0	9	8	18	0	0	0	0	-21.9k	-10.6k	117	-461	1.70k	0	0	0	-21.0k	-9.67k	876	-
2.20	1.50k	1	17	0	0	0	0	-27.5k	-12.3k	2.15k	-3.48k	1.51k	0	0	0	-25.4k	-10.8k	3.71k	-
0	10	2	17	0	0	0	0	-21.1k	-9.48k	1.65k	-2.68k	1.16k	0	0	0	-19.5k	-8.33k	2.86k	-
2.22k	1.87k	3	17	0	0	0	0	-21.1k	-9.48k	1.65k	-2.68k	1.16k	0	0	0	-19.5k	-8.33k	2.86k	-
0	10	4	17	0	0	0	0	-21.1k	-9.48k	1.65k	-2.68k	1.16k	0	0	0	-19.5k	-8.33k	2.86k	-
1.71k	1.44k	7	17	0	0	0	0	-21.0k	-9.39k	1.68k	-2.60k	1.17k	0	0	0	-19.2k	-8.23k	2.92k	-
0	10	8	17	0	0	0	0	-20.8k	-9.31k	1.70k	-2.53k	1.18k	0	0	0	-19.0k	-8.14k	2.98k	-
1.55k	1.46k																		
0	10																		
1.42k	1.48k																		

0	10	1	-	-	0	0	0	-28.2k	-15.5k	157	-3.43k	1.13k	0	0	0	-22.9k	-11.7k	4.93k
	-221	2.22k																
0	10	2	-	-	0	0	0	-21.7k	-11.9k	121	-2.64k	870	0	0	0	-17.6k	-8.97k	3.79k
	-170	1.71k																
0	10	3	-	-	0	0	0	-21.7k	-11.9k	121	-2.64k	870	0	0	0	-17.6k	-8.97k	3.79k
	-170	1.71k																
0	10	4	-	-	0	0	0	-21.7k	-11.9k	121	-2.64k	870	0	0	0	-17.6k	-8.97k	3.79k
	-170	1.71k																
0	10	7	-	-	0	0	0	-21.6k	-11.8k	144	-2.56k	887	0	0	0	-17.5k	-8.87k	3.87k
	25.7	1.73k																
0	10	8	-	-	0	0	0	-21.4k	-11.8k	164	-2.49k	902	0	0	0	-17.3k	-8.78k	3.93k
	192	1.75k																
0	11	1	13	0	0	0	0	-25.6k	-16.0k	-1.48k	45.4	1.47k	0	0	0	-23.8k	-15.3k	239
	711	1.92k																
0	11	2	13	0	0	0	0	-19.7k	-12.3k	-1.14k	34.9	1.13k	0	0	0	-18.3k	-11.8k	184
	547	1.47k																
0	11	3	13	0	0	0	0	-19.7k	-12.3k	-1.14k	34.9	1.13k	0	0	0	-18.3k	-11.8k	184
	547	1.47k																
0	11	4	13	0	0	0	0	-19.7k	-12.3k	-1.14k	34.9	1.13k	0	0	0	-18.3k	-11.8k	184
	547	1.47k																
0	11	7	13	0	0	0	0	-19.7k	-12.3k	-1.10k	89.4	1.14k	0	0	0	-18.2k	-11.7k	280
	715	1.50k																
0	11	8	13	0	0	0	0	-19.6k	-12.3k	-1.07k	133	1.16k	0	0	0	-18.0k	-11.6k	363
	857	1.53k																
0	11	1	14	0	0	0	0	-24.2k	-14.6k	-6.12k	2.12k	741	0	0	0	-21.7k	-12.8k	-4.02k
	3.26k	1.39k																
0	11	2	14	0	0	0	0	-18.6k	-11.2k	-4.71k	1.63k	570	0	0	0	-16.7k	-9.82k	-3.09k
	2.51k	1.07k																
0	11	3	14	0	0	0	0	-18.6k	-11.2k	-4.71k	1.63k	570	0	0	0	-16.7k	-9.82k	-3.09k
	2.51k	1.07k																
0	11	4	14	0	0	0	0	-18.6k	-11.2k	-4.71k	1.63k	570	0	0	0	-16.7k	-9.82k	-3.09k
	2.51k	1.07k																
0	11	7	14	0	0	0	0	-18.4k	-11.1k	-4.67k	1.70k	589	0	0	0	-16.4k	-9.71k	-3.00k
	2.63k	1.09k																
0	11	8	14	0	0	0	0	-18.3k	-11.0k	-4.63k	1.76k	606	0	0	0	-16.2k	-9.61k	-2.93k
	2.72k	1.11k																
0	11	1	19	0	0	0	0	-27.7k	-12.4k	-3.59k	1.92k	1.59k	0	0	0	-25.6k	-11.1k	-1.95k
	3.08k	1.93k																
0	11	2	19	0	0	0	0	-21.3k	-9.53k	-2.76k	1.48k	1.22k	0	0	0	-19.7k	-8.55k	-1.50k
	2.37k	1.49k																
0	11	3	19	0	0	0	0	-21.3k	-9.53k	-2.76k	1.48k	1.22k	0	0	0	-19.7k	-8.55k	-1.50k
	2.37k	1.49k																
0	11	4	19	0	0	0	0	-21.3k	-9.53k	-2.76k	1.48k	1.22k	0	0	0	-19.7k	-8.55k	-1.50k
	2.37k	1.49k																
0	11	7	19	0	0	0	0	-21.1k	-9.44k	-2.73k	1.55k	1.24k	0	0	0	-19.4k	-8.45k	-1.44k
	2.50k	1.51k																
0	11	8	19	0	0	0	0	-21.0k	-9.37k	-2.70k	1.62k	1.25k	0	0	0	-19.2k	-8.36k	-1.38k
	2.62k	1.53k																
0	11	1	18	0	0	0	0	-28.6k	-13.9k	-738	40.1	2.21k	0	0	0	-27.7k	-12.9k	147
	580	2.26k																
0	11	2	18	0	0	0	0	-22.0k	-10.7k	-568	30.8	1.70k	0	0	0	-21.3k	-9.91k	113
	446	1.73k																
0	11	3	18	0	0	0	0	-22.0k	-10.7k	-568	30.8	1.70k	0	0	0	-21.3k	-9.91k	113
	446	1.73k																
0	11	4	18	0	0	0	0	-22.0k	-10.7k	-568	30.8	1.70k	0	0	0	-21.3k	-9.91k	113
	446	1.73k																
0	11	7	18	0	0	0	0	-21.9k	-10.7k	-544	92.0	1.71k	0	0	0	-21.2k	-9.81k	184
	645	1.76k																
0	11	8	18	0	0	0	0	-21.9k	-10.6k	-525	143	1.72k	0	0	0	-21.1k	-9.73k	246
	813	1.78k																
0	11	1	-	-	0	0	0	-28.3k	-15.6k	-4.61k	42.0	1.20k	0	0	0	-23.1k	-12.0k	188
	3.07k	2.22k																
0	11	2	-	-	0	0	0	-21.8k	-12.0k	-3.55k	32.3	926	0	0	0	-17.8k	-9.25k	145
	2.36k	1.71k																
0	11	3	-	-	0	0	0	-21.8k	-12.0k	-3.55k	32.3	926	0	0	0	-17.8k	-9.25k	145
	2.36k	1.71k																
0	11	4	-	-	0	0	0	-21.8k	-12.0k	-3.55k	32.3	926	0	0	0	-17.8k	-9.25k	145
	2.36k	1.71k																
0	11	7	-	-	0	0	0	-21.7k	-12.0k	-3.51k	91.0	943	0	0	0	-17.6k	-9.15k	228
	2.49k	1.73k																
0	11	8	-	-	0	0	0	-21.5k	-11.9k	-3.49k	140	957	0	0	0	-17.5k	-9.06k	299
	2.60k	1.75k																
0	12	1	14	0	0	0	0	-23.6k	-13.2k	-7.74k	3.82k	395	0	0	0	-20.1k	-11.4k	-5.02k
	4.89k	1.23k																
0	12	2	14	0	0	0	0	-18.1k	-10.1k	-5.95k	2.94k	304	0	0	0	-15.5k	-8.76k	-3.86k
	3.76k	948																
0	12	3	14	0	0	0	0	-18.1k	-10.1k	-5.95k	2.94k	304	0	0	0	-15.5k	-8.76k	-3.86k
	3.76k	948																
0	12	4	14	0	0	0	0	-18.1k	-10.1k	-5.95k	2.94k	304	0	0	0	-15.5k	-8.76k	-3.86k
	3.76k	948																
0	12	7	14	0	0	0	0	-18.0k	-10.0k	-5.91k	3.02k	327	0	0	0	-15.2k	-8.66k	-3.79k
	3.87k	968																
0	12	8	14	0	0	0	0	-17.8k	-9.93k	-5.87k	3.09k	347	0	0	0	-15.0k	-8.57k	-3.73k
	3.96k	985																
0	12	1	15	0	0	0	0	-18.5k	-8.23k	-11.3k	7.35k	-9.38k	0	0	0	-14.7k	-4.93k	-8.43k
	9.10k	1.54k																
0	12	2	15	0	0	0	0	-14.2k	-6.33k	-8.69k	5.65k	-7.22k	0	0	0	-11.3k	-3.79k	-6.48k
	7.00k	1.19k																
0	12	3	15	0	0	0	0	-14.2k	-6.33k	-8.69k	5.65k	-7.22k	0	0	0	-11.3k	-3.79k	-6.48k
	7.00k	1.19k																
0	12	4	15	0	0	0	0	-14.2k	-6.33k	-8.69k	5.65k	-7.22k	0	0	0	-11.3k	-3.79k	-6.48k
	7.00k	1.19k																
0	12	7	15	0	0	0	0	-14.1k	-6.25k	-8.63k	5.80k	-6.41k	0	0	0	-11.1k	-3.71k	-6.43k
	7.28k	1.36k																
0	12	8	15	0	0	0	0	-13.9k	-6.19k	-8.58k	5.94k	-5.69k	0	0	0	-10.8k	-3.64k	-6.38k
	7.53k	1.52k																

0	12	1	20	0	0	0	0	-21.9k	-7.97k	-5.54k	8.45k	-667	0	0	0	-18.6k	-5.66k	-4.00k
	11.1k	6.10k																
0	12	2	20	0	0	0	0	-16.8k	-6.13k	-4.26k	6.50k	-513	0	0	0	-14.3k	-4.35k	-3.08k
	8.53k	4.69k																
0	12	3	20	0	0	0	0	-16.8k	-6.13k	-4.26k	6.50k	-513	0	0	0	-14.3k	-4.35k	-3.08k
	8.53k	4.69k																
0	12	4	20	0	0	0	0	-16.8k	-6.13k	-4.26k	6.50k	-513	0	0	0	-14.3k	-4.35k	-3.08k
	8.53k	4.69k																
0	12	7	20	0	0	0	0	-16.6k	-6.05k	-4.23k	6.64k	-333	0	0	0	-14.0k	-4.21k	-3.01k
	8.83k	5.70k																
0	12	8	20	0	0	0	0	-16.5k	-5.98k	-4.20k	6.77k	-175	0	0	0	-13.7k	-4.08k	-2.95k
	9.08k	6.60k																
0	12	1	19	0	0	0	0	-26.6k	-11.8k	-3.84k	3.85k	1.31k	0	0	0	-24.8k	-9.93k	-2.69k
	5.23k	1.65k																
0	12	2	19	0	0	0	0	-20.5k	-9.11k	-2.96k	2.96k	1.01k	0	0	0	-19.1k	-7.64k	-2.07k
	4.02k	1.27k																
0	12	3	19	0	0	0	0	-20.5k	-9.11k	-2.96k	2.96k	1.01k	0	0	0	-19.1k	-7.64k	-2.07k
	4.02k	1.27k																
0	12	4	19	0	0	0	0	-20.5k	-9.11k	-2.96k	2.96k	1.01k	0	0	0	-19.1k	-7.64k	-2.07k
	4.02k	1.27k																
0	12	7	19	0	0	0	0	-20.3k	-9.01k	-2.93k	3.04k	1.03k	0	0	0	-18.8k	-7.53k	-2.00k
	4.15k	1.29k																
0	12	8	19	0	0	0	0	-20.1k	-8.92k	-2.90k	3.11k	1.04k	0	0	0	-18.5k	-7.44k	-1.95k
	4.26k	1.31k																
0	12	1	-	-	0	0	0	-25.2k	-12.5k	-9.47k	3.82k	-710	0	0	0	-17.9k	-7.18k	-3.39k
	9.46k	1.57k																
0	12	2	-	-	0	0	0	-19.4k	-9.63k	-7.29k	2.94k	-546	0	0	0	-13.8k	-5.52k	-2.61k
	7.28k	1.21k																
0	12	3	-	-	0	0	0	-19.4k	-9.63k	-7.29k	2.94k	-546	0	0	0	-13.8k	-5.52k	-2.61k
	7.28k	1.21k																
0	12	4	-	-	0	0	0	-19.4k	-9.63k	-7.29k	2.94k	-546	0	0	0	-13.8k	-5.52k	-2.61k
	7.28k	1.21k																
0	12	7	-	-	0	0	0	-19.2k	-9.53k	-7.24k	3.02k	-319	0	0	0	-13.5k	-5.43k	-2.54k
	7.53k	1.23k																
0	12	8	-	-	0	0	0	-19.1k	-9.44k	-7.20k	3.09k	-122	0	0	0	-13.3k	-5.34k	-2.49k
	7.76k	1.24k																
0	13	1	16	0	0	0	0	-21.8k	-7.83k	3.97k	-10.2k	-1.58k	0	0	0	-18.8k	-6.77k	4.31k
	8.52k	9.37k																-
0	13	2	16	0	0	0	0	-16.8k	-6.02k	3.05k	-7.87k	-1.22k	0	0	0	-14.5k	-5.21k	3.31k
	6.55k	7.21k																-
0	13	3	16	0	0	0	0	-16.8k	-6.02k	3.05k	-7.87k	-1.22k	0	0	0	-14.5k	-5.21k	3.31k
	6.55k	7.21k																-
0	13	4	16	0	0	0	0	-16.8k	-6.02k	3.05k	-7.87k	-1.22k	0	0	0	-14.5k	-5.21k	3.31k
	6.55k	7.21k																-
0	13	7	16	0	0	0	0	-16.6k	-5.95k	3.10k	-7.71k	-1.01k	0	0	0	-14.2k	-5.11k	3.39k
	6.34k	8.27k																-
0	13	8	16	0	0	0	0	-16.5k	-5.89k	3.14k	-7.57k	-819	0	0	0	-13.9k	-5.01k	3.45k
	6.16k	9.20k																-
0	13	1	17	0	0	0	0	-26.4k	-10.8k	2.76k	-5.57k	1.14k	0	0	0	-24.7k	-9.72k	3.41k
	4.38k	1.56k																-
0	13	2	17	0	0	0	0	-20.3k	-8.33k	2.12k	-4.29k	878	0	0	0	-19.0k	-7.48k	2.63k
	3.37k	1.20k																-
0	13	3	17	0	0	0	0	-20.3k	-8.33k	2.12k	-4.29k	878	0	0	0	-19.0k	-7.48k	2.63k
	3.37k	1.20k																-
0	13	4	17	0	0	0	0	-20.3k	-8.33k	2.12k	-4.29k	878	0	0	0	-19.0k	-7.48k	2.63k
	3.37k	1.20k																-
0	13	7	17	0	0	0	0	-20.1k	-8.24k	2.15k	-4.19k	901	0	0	0	-18.7k	-7.37k	2.69k
	3.25k	1.22k																-
0	13	8	17	0	0	0	0	-19.9k	-8.16k	2.18k	-4.11k	921	0	0	0	-18.4k	-7.28k	2.75k
	3.14k	1.24k																-
0	13	1	22	0	0	0	0	-26.7k	-10.5k	2.42k	-5.73k	1.11k	0	0	0	-25.1k	-9.41k	2.91k
	4.42k	1.54k																-
0	13	2	22	0	0	0	0	-20.5k	-8.11k	1.86k	-4.41k	851	0	0	0	-19.3k	-7.24k	2.24k
	3.40k	1.18k																-
0	13	3	22	0	0	0	0	-20.5k	-8.11k	1.86k	-4.41k	851	0	0	0	-19.3k	-7.24k	2.24k
	3.40k	1.18k																-
0	13	4	22	0	0	0	0	-20.5k	-8.11k	1.86k	-4.41k	851	0	0	0	-19.3k	-7.24k	2.24k
	3.40k	1.18k																-
0	13	7	22	0	0	0	0	-20.3k	-8.02k	1.89k	-4.31k	872	0	0	0	-19.0k	-7.13k	2.30k
	3.28k	1.21k																-
0	13	8	22	0	0	0	0	-20.2k	-7.94k	1.92k	-4.23k	891	0	0	0	-18.7k	-7.04k	2.36k
	3.18k	1.23k																-
0	13	1	21	0	0	0	0	-22.2k	-7.84k	3.34k	-11.6k	-1.75k	0	0	0	-18.8k	-5.47k	3.71k
	8.76k	10.7k																-
0	13	2	21	0	0	0	0	-17.1k	-6.03k	2.57k	-8.94k	-1.35k	0	0	0	-14.5k	-4.20k	2.85k
	6.74k	8.21k																-
0	13	3	21	0	0	0	0	-17.1k	-6.03k	2.57k	-8.94k	-1.35k	0	0	0	-14.5k	-4.20k	2.85k
	6.74k	8.21k																-
0	13	4	21	0	0	0	0	-17.1k	-6.03k	2.57k	-8.94k	-1.35k	0	0	0	-14.5k	-4.20k	2.85k
	6.74k	8.21k																-
0	13	7	21	0	0	0	0	-16.9k	-5.95k	2.62k	-8.75k	-1.15k	0	0	0	-14.1k	-4.07k	2.93k
	6.53k	9.26k																-
0	13	8	21	0	0	0	0	-16.7k	-5.89k	2.66k	-8.59k	-982	0	0	0	-13.9k	-3.95k	3.00k
	6.35k	10.2k																-
0	13	1	-	-	0	0	0	-26.5k	-10.6k	2.64k	-10.3k	-1.67k	0	0	0	-20.4k	-6.97k	3.97k
	4.39k	2.15k																-
0	13	2	-	-	0	0	0	-20.4k	-8.18k	2.03k	-7.91k	-1.28k	0	0	0	-15.7k	-5.36k	3.05k
	3.38k	1.66k																-
0	13	3	-	-	0	0	0	-20.4k	-8.18k	2.03k	-7.91k	-1.28k	0	0	0	-15.7k	-5.36k	3.05k
	3.38k	1.66k																-
0	13	4	-	-	0	0	0	-20.4k	-8.18k	2.03k	-7.91k	-1.28k	0	0	0	-15.7k	-5.36k	3.05k
	3.38k	1.66k																-
0	13	7	-	-	0	0	0	-20.2k	-8.09k	2.07k	-7.76k	-1.08k	0	0	0	-15.4k	-5.26k	3.13k
	3.26k	2.00k																-
0	13	8	-	-	0	0	0	-20.0k	-8.01k	2.10k	-7.62k	-900	0	0	0	-15.1k	-5.17k	3.20k
	3.15k	2.30k																-

0	14	1	17	0	0	0	0	-27.5k	-11.9k	2.13k	-3.49k	1.56k	0	0	0	-26.3k	-10.7k	2.87k	-
2.22k	1.85k																		
0	14	2	17	0	0	0	0	-21.1k	-9.12k	1.64k	-2.69k	1.20k	0	0	0	-20.2k	-8.26k	2.21k	-
1.71k	1.42k																		
0	14	3	17	0	0	0	0	-21.1k	-9.12k	1.64k	-2.69k	1.20k	0	0	0	-20.2k	-8.26k	2.21k	-
1.71k	1.42k																		
0	14	4	17	0	0	0	0	-21.1k	-9.12k	1.64k	-2.69k	1.20k	0	0	0	-20.2k	-8.26k	2.21k	-
1.71k	1.42k																		
0	14	7	17	0	0	0	0	-21.0k	-9.03k	1.67k	-2.61k	1.21k	0	0	0	-19.9k	-8.16k	2.27k	-
1.56k	1.44k																		
0	14	8	17	0	0	0	0	-20.8k	-8.96k	1.69k	-2.54k	1.22k	0	0	0	-19.7k	-8.07k	2.33k	-
1.42k	1.46k																		
0	14	1	18	0	0	0	0	-28.7k	-13.0k	109	-762	2.16k	0	0	0	-28.4k	-12.7k	884	
-206	2.22k																		
0	14	2	18	0	0	0	0	-22.1k	-9.99k	83.5	-586	1.66k	0	0	0	-21.9k	-9.80k	680	
-159	1.71k																		
0	14	3	18	0	0	0	0	-22.1k	-9.99k	83.5	-586	1.66k	0	0	0	-21.9k	-9.80k	680	
-159	1.71k																		
0	14	4	18	0	0	0	0	-22.1k	-9.99k	83.5	-586	1.66k	0	0	0	-21.9k	-9.80k	680	
-159	1.71k																		
0	14	7	18	0	0	0	0	-22.0k	-9.96k	103	-515	1.67k	0	0	0	-21.7k	-9.70k	743	
46.7	1.73k																		
0	14	8	18	0	0	0	0	-22.0k	-9.93k	119	-455	1.68k	0	0	0	-21.6k	-9.62k	798	
221	1.75k																		
0	14	1	23	0	0	0	0	-29.0k	-12.6k	90.3	-756	2.13k	0	0	0	-28.8k	-12.2k	747	
-204	2.19k																		
0	14	2	23	0	0	0	0	-22.3k	-9.66k	69.5	-582	1.64k	0	0	0	-22.2k	-9.42k	575	
-157	1.69k																		
0	14	3	23	0	0	0	0	-22.3k	-9.66k	69.5	-582	1.64k	0	0	0	-22.2k	-9.42k	575	
-157	1.69k																		
0	14	4	23	0	0	0	0	-22.3k	-9.66k	69.5	-582	1.64k	0	0	0	-22.2k	-9.42k	575	
-157	1.69k																		
0	14	7	23	0	0	0	0	-22.3k	-9.63k	87.5	-510	1.65k	0	0	0	-22.0k	-9.33k	634	
50.1	1.71k																		
0	14	8	23	0	0	0	0	-22.2k	-9.60k	103	-450	1.66k	0	0	0	-21.9k	-9.25k	684	
226	1.73k																		
0	14	1	22	0	0	0	0	-27.9k	-11.4k	1.81k	-3.53k	1.54k	0	0	0	-26.6k	-10.4k	2.53k	-
2.24k	1.82k																		
0	14	2	22	0	0	0	0	-21.5k	-8.78k	1.40k	-2.71k	1.18k	0	0	0	-20.4k	-8.03k	1.95k	-
1.72k	1.40k																		
0	14	3	22	0	0	0	0	-21.5k	-8.78k	1.40k	-2.71k	1.18k	0	0	0	-20.4k	-8.03k	1.95k	-
1.72k	1.40k																		
0	14	4	22	0	0	0	0	-21.5k	-8.78k	1.40k	-2.71k	1.18k	0	0	0	-20.4k	-8.03k	1.95k	-
1.72k	1.40k																		
0	14	7	22	0	0	0	0	-21.3k	-8.69k	1.43k	-2.64k	1.20k	0	0	0	-20.2k	-7.93k	2.01k	-
1.56k	1.43k																		
0	14	8	22	0	0	0	0	-21.2k	-8.62k	1.45k	-2.57k	1.21k	0	0	0	-19.9k	-7.84k	2.07k	-
1.43k	1.45k																		
0	14	1	-	-	0	0	0	-28.8k	-12.7k	104	-3.51k	1.55k	0	0	0	-26.5k	-10.6k	2.64k	
-205	2.21k																		
0	14	2	-	-	0	0	0	-22.2k	-9.77k	80.1	-2.70k	1.19k	0	0	0	-20.4k	-8.18k	2.03k	
-158	1.70k																		
0	14	3	-	-	0	0	0	-22.2k	-9.77k	80.1	-2.70k	1.19k	0	0	0	-20.4k	-8.18k	2.03k	
-158	1.70k																		
0	14	4	-	-	0	0	0	-22.2k	-9.77k	80.1	-2.70k	1.19k	0	0	0	-20.4k	-8.18k	2.03k	
-158	1.70k																		
0	14	7	-	-	0	0	0	-22.1k	-9.74k	98.8	-2.62k	1.20k	0	0	0	-20.1k	-8.08k	2.10k	
48.0	1.72k																		
0	14	8	-	-	0	0	0	-22.1k	-9.71k	115	-2.55k	1.21k	0	0	0	-19.8k	-7.99k	2.15k	
223	1.74k																		
0	15	1	18	0	0	0	0	-28.7k	-13.0k	-669	40.0	2.19k	0	0	0	-28.5k	-12.8k	109	
574	2.22k																		
0	15	2	18	0	0	0	0	-22.1k	-9.99k	-514	30.8	1.68k	0	0	0	-21.9k	-9.84k	83.5	
442	1.71k																		
0	15	3	18	0	0	0	0	-22.1k	-9.99k	-514	30.8	1.68k	0	0	0	-21.9k	-9.84k	83.5	
442	1.71k																		
0	15	4	18	0	0	0	0	-22.1k	-9.99k	-514	30.8	1.68k	0	0	0	-21.9k	-9.84k	83.5	
442	1.71k																		
0	15	7	18	0	0	0	0	-22.0k	-9.96k	-492	92.8	1.69k	0	0	0	-21.8k	-9.75k	145	
642	1.73k																		
0	15	8	18	0	0	0	0	-22.0k	-9.94k	-472	145	1.70k	0	0	0	-21.7k	-9.67k	199	
812	1.75k																		
0	15	1	19	0	0	0	0	-27.7k	-12.1k	-2.69k	1.92k	1.65k	0	0	0	-26.6k	-11.0k	-1.95k	
3.08k	1.91k																		
0	15	2	19	0	0	0	0	-21.3k	-9.28k	-2.07k	1.48k	1.27k	0	0	0	-20.5k	-8.47k	-1.50k	
2.37k	1.47k																		
0	15	3	19	0	0	0	0	-21.3k	-9.28k	-2.07k	1.48k	1.27k	0	0	0	-20.5k	-8.47k	-1.50k	
2.37k	1.47k																		
0	15	4	19	0	0	0	0	-21.3k	-9.28k	-2.07k	1.48k	1.27k	0	0	0	-20.5k	-8.47k	-1.50k	
2.37k	1.47k																		
0	15	7	19	0	0	0	0	-21.1k	-9.19k	-2.04k	1.55k	1.28k	0	0	0	-20.2k	-8.37k	-1.43k	
2.51k	1.50k																		
0	15	8	19	0	0	0	0	-21.0k	-9.12k	-2.01k	1.62k	1.29k	0	0	0	-19.9k	-8.29k	-1.38k	
2.62k	1.52k																		
0	15	1	24	0	0	0	0	-28.1k	-11.6k	-2.38k	1.93k	1.63k	0	0	0	-26.9k	-10.7k	-1.65k	
3.11k	1.89k																		
0	15	2	24	0	0	0	0	-21.6k	-8.90k	-1.83k	1.48k	1.25k	0	0	0	-20.7k	-8.23k	-1.27k	
2.39k	1.45k																		
0	15	3	24	0	0	0	0	-21.6k	-8.90k	-1.83k	1.48k	1.25k	0	0	0	-20.7k	-8.23k	-1.27k	
2.39k	1.45k																		
0	15	4	24	0	0	0	0	-21.6k	-8.90k	-1.83k	1.48k	1.25k	0	0	0	-20.7k	-8.23k	-1.27k	
2.39k	1.45k																		
0	15	7	24	0	0	0	0	-21.5k	-8.82k	-1.80k	1.56k	1.26k	0	0	0	-20.4k	-8.13k	-1.21k	
2.53k	1.48k																		
0	15	8	24	0	0	0	0	-21.3k	-8.75k	-1.77k	1.62k	1.27k	0	0	0	-20.2k	-8.05k	-1.16k	
2.65k	1.50k																		

0	15	1	23	0	0	0	0	-29.0k	-12.6k	-564	39.8	2.16k	0	0	0	-28.9k	-12.3k	102
	570	2.19k																
0	15	2	23	0	0	0	0	-22.3k	-9.66k	-434	30.6	1.66k	0	0	0	-22.2k	-9.48k	78.4
	438	1.69k																
0	15	3	23	0	0	0	0	-22.3k	-9.66k	-434	30.6	1.66k	0	0	0	-22.2k	-9.48k	78.4
	438	1.69k																
0	15	4	23	0	0	0	0	-22.3k	-9.66k	-434	30.6	1.66k	0	0	0	-22.2k	-9.48k	78.4
	438	1.69k																
0	15	7	23	0	0	0	0	-22.3k	-9.63k	-413	93.2	1.67k	0	0	0	-22.1k	-9.39k	136
	641	1.71k																
0	15	8	23	0	0	0	0	-22.2k	-9.61k	-394	146	1.68k	0	0	0	-22.0k	-9.31k	186
	813	1.73k																
0	15	1	-	-	0	0	0	-28.8k	-12.7k	-2.48k	39.9	1.64k	0	0	0	-26.8k	-10.9k	104
	3.09k	2.21k																
0	15	2	-	-	0	0	0	-22.2k	-9.80k	-1.91k	30.7	1.26k	0	0	0	-20.6k	-8.39k	80.3
	2.38k	1.70k																
0	15	3	-	-	0	0	0	-22.2k	-9.80k	-1.91k	30.7	1.26k	0	0	0	-20.6k	-8.39k	80.3
	2.38k	1.70k																
0	15	4	-	-	0	0	0	-22.2k	-9.80k	-1.91k	30.7	1.26k	0	0	0	-20.6k	-8.39k	80.3
	2.38k	1.70k																
0	15	7	-	-	0	0	0	-22.1k	-9.75k	-1.88k	93.1	1.27k	0	0	0	-20.4k	-8.29k	140
	2.51k	1.72k																
0	15	8	-	-	0	0	0	-22.1k	-9.71k	-1.85k	146	1.28k	0	0	0	-20.1k	-8.21k	192
	2.63k	1.74k																
0	16	1	19	0	0	0	0	-26.7k	-11.1k	-3.31k	3.94k	1.23k	0	0	0	-25.0k	-9.94k	-2.59k
	5.20k	1.65k																
0	16	2	19	0	0	0	0	-20.5k	-8.55k	-2.55k	3.03k	950	0	0	0	-19.2k	-7.65k	-1.99k
	4.00k	1.27k																
0	16	3	19	0	0	0	0	-20.5k	-8.55k	-2.55k	3.03k	950	0	0	0	-19.2k	-7.65k	-1.99k
	4.00k	1.27k																
0	16	4	19	0	0	0	0	-20.5k	-8.55k	-2.55k	3.03k	950	0	0	0	-19.2k	-7.65k	-1.99k
	4.00k	1.27k																
0	16	7	19	0	0	0	0	-20.4k	-8.46k	-2.51k	3.11k	972	0	0	0	-18.9k	-7.54k	-1.93k
	4.12k	1.29k																
0	16	8	19	0	0	0	0	-20.2k	-8.38k	-2.48k	3.18k	991	0	0	0	-18.7k	-7.45k	-1.87k
	4.23k	1.31k																
0	16	1	20	0	0	0	0	-21.8k	-7.82k	-4.32k	8.44k	-1.40k	0	0	0	-18.8k	-6.72k	-3.94k
	10.3k	8.59k																
0	16	2	20	0	0	0	0	-16.8k	-6.02k	-3.32k	6.49k	-1.08k	0	0	0	-14.5k	-5.17k	-3.03k
	7.88k	6.61k																
0	16	3	20	0	0	0	0	-16.8k	-6.02k	-3.32k	6.49k	-1.08k	0	0	0	-14.5k	-5.17k	-3.03k
	7.88k	6.61k																
0	16	4	20	0	0	0	0	-16.8k	-6.02k	-3.32k	6.49k	-1.08k	0	0	0	-14.5k	-5.17k	-3.03k
	7.88k	6.61k																
0	16	7	20	0	0	0	0	-16.6k	-5.95k	-3.27k	6.63k	-869	0	0	0	-14.1k	-5.06k	-2.96k
	8.15k	7.70k																
0	16	8	20	0	0	0	0	-16.5k	-5.88k	-3.23k	6.75k	-689	0	0	0	-13.9k	-4.97k	-2.90k
	8.37k	8.67k																
0	16	1	25	0	0	0	0	-22.2k	-7.85k	-3.70k	8.79k	-1.57k	0	0	0	-18.8k	-5.52k	-3.34k
	11.4k	9.81k																
0	16	2	25	0	0	0	0	-17.1k	-6.04k	-2.85k	6.76k	-1.21k	0	0	0	-14.5k	-4.25k	-2.57k
	8.76k	7.55k																
0	16	3	25	0	0	0	0	-17.1k	-6.04k	-2.85k	6.76k	-1.21k	0	0	0	-14.5k	-4.25k	-2.57k
	8.76k	7.55k																
0	16	4	25	0	0	0	0	-17.1k	-6.04k	-2.85k	6.76k	-1.21k	0	0	0	-14.5k	-4.25k	-2.57k
	8.76k	7.55k																
0	16	7	25	0	0	0	0	-16.9k	-5.96k	-2.80k	6.90k	-1.02k	0	0	0	-14.2k	-4.11k	-2.50k
	9.05k	8.63k																
0	16	8	25	0	0	0	0	-16.7k	-5.89k	-2.75k	7.02k	-851	0	0	0	-13.9k	-3.99k	-2.43k
	9.29k	9.59k																
0	16	1	24	0	0	0	0	-27.0k	-10.8k	-2.78k	3.97k	1.20k	0	0	0	-25.4k	-9.61k	-2.27k
	5.34k	1.63k																
0	16	2	24	0	0	0	0	-20.8k	-8.31k	-2.14k	3.06k	923	0	0	0	-19.5k	-7.39k	-1.75k
	4.11k	1.25k																
0	16	3	24	0	0	0	0	-20.8k	-8.31k	-2.14k	3.06k	923	0	0	0	-19.5k	-7.39k	-1.75k
	4.11k	1.25k																
0	16	4	24	0	0	0	0	-20.8k	-8.31k	-2.14k	3.06k	923	0	0	0	-19.5k	-7.39k	-1.75k
	4.11k	1.25k																
0	16	7	24	0	0	0	0	-20.6k	-8.22k	-2.10k	3.14k	944	0	0	0	-19.2k	-7.29k	-1.68k
	4.23k	1.28k																
0	16	8	24	0	0	0	0	-20.5k	-8.14k	-2.07k	3.21k	963	0	0	0	-19.0k	-7.20k	-1.63k
	4.35k	1.30k																
0	16	1	-	-	0	0	0	-26.8k	-10.9k	-3.99k	3.95k	-1.48k	0	0	0	-20.4k	-6.96k	-2.48k
	10.3k	2.68k																
0	16	2	-	-	0	0	0	-20.6k	-8.39k	-3.07k	3.04k	-1.14k	0	0	0	-15.7k	-5.36k	-1.91k
	7.94k	2.06k																
0	16	3	-	-	0	0	0	-20.6k	-8.39k	-3.07k	3.04k	-1.14k	0	0	0	-15.7k	-5.36k	-1.91k
	7.94k	2.06k																
0	16	4	-	-	0	0	0	-20.6k	-8.39k	-3.07k	3.04k	-1.14k	0	0	0	-15.7k	-5.36k	-1.91k
	7.94k	2.06k																
0	16	7	-	-	0	0	0	-20.5k	-8.30k	-3.02k	3.12k	-943	0	0	0	-15.3k	-5.26k	-1.85k
	8.20k	2.44k																
0	16	8	-	-	0	0	0	-20.3k	-8.22k	-2.98k	3.19k	-770	0	0	0	-15.1k	-5.17k	-1.79k
	8.42k	2.77k																
0	17	1	21	0	0	0	0	-22.1k	-7.67k	3.29k	-10.5k	-1.97k	0	0	0	-19.1k	-6.87k	3.56k
	8.70k	12.0k																-
0	17	2	21	0	0	0	0	-17.0k	-5.90k	2.53k	-8.06k	-1.52k	0	0	0	-14.7k	-5.28k	2.74k
	6.69k	9.19k																-
0	17	3	21	0	0	0	0	-17.0k	-5.90k	2.53k	-8.06k	-1.52k	0	0	0	-14.7k	-5.28k	2.74k
	6.69k	9.19k																-
0	17	4	21	0	0	0	0	-17.0k	-5.90k	2.53k	-8.06k	-1.52k	0	0	0	-14.7k	-5.28k	2.74k
	6.69k	9.19k																-
0	17	7	21	0	0	0	0	-16.9k	-5.83k	2.58k	-7.89k	-1.32k	0	0	0	-14.4k	-5.18k	2.82k
	6.48k	10.3k																-
0	17	8	21	0	0	0	0	-16.7k	-5.76k	2.62k	-7.74k	-1.15k	0	0	0	-14.1k	-5.09k	2.88k
	6.30k	11.2k																-

0	17	1	22	0	0	0	0	-26.8k	-10.4k	2.32k	-5.68k	1.06k	0	0	0	-25.1k	-9.42k	2.86k	-
4.45k	1.51k	2	22	0	0	0	0	-20.6k	-8.03k	1.78k	-4.37k	817	0	0	0	-19.3k	-7.25k	2.20k	-
0	17	3	22	0	0	0	0	-20.6k	-8.03k	1.78k	-4.37k	817	0	0	0	-19.3k	-7.25k	2.20k	-
3.43k	1.17k	4	22	0	0	0	0	-20.6k	-8.03k	1.78k	-4.37k	817	0	0	0	-19.3k	-7.25k	2.20k	-
0	17	7	22	0	0	0	0	-20.4k	-7.94k	1.82k	-4.28k	838	0	0	0	-19.0k	-7.14k	2.27k	-
3.43k	1.17k	8	22	0	0	0	0	-20.3k	-7.87k	1.85k	-4.19k	857	0	0	0	-18.7k	-7.05k	2.32k	-
0	17	1	27	0	0	0	0	-27.0k	-10.2k	2.02k	-5.84k	988	0	0	0	-25.4k	-9.12k	2.43k	-
3.30k	1.19k	2	27	0	0	0	0	-20.8k	-7.81k	1.55k	-4.49k	760	0	0	0	-19.5k	-7.02k	1.87k	-
0	17	3	27	0	0	0	0	-20.8k	-7.81k	1.55k	-4.49k	760	0	0	0	-19.5k	-7.02k	1.87k	-
3.46k	1.15k	4	27	0	0	0	0	-20.8k	-7.81k	1.55k	-4.49k	760	0	0	0	-19.5k	-7.02k	1.87k	-
0	17	7	27	0	0	0	0	-20.6k	-7.73k	1.59k	-4.39k	782	0	0	0	-19.2k	-6.91k	1.93k	-
3.46k	1.15k	8	27	0	0	0	0	-20.4k	-7.65k	1.62k	-4.31k	802	0	0	0	-19.0k	-6.82k	1.99k	-
0	17	1	26	0	0	0	0	-22.5k	-7.73k	2.77k	-12.1k	-2.55k	0	0	0	-19.0k	-5.19k	3.07k	-
3.23k	1.19k	2	26	0	0	0	0	-17.3k	-5.95k	2.13k	-9.31k	-1.96k	0	0	0	-14.6k	-3.99k	2.37k	-
0	17	3	26	0	0	0	0	-17.3k	-5.95k	2.13k	-9.31k	-1.96k	0	0	0	-14.6k	-3.99k	2.37k	-
8.91k	13.7k	4	26	0	0	0	0	-17.3k	-5.95k	2.13k	-9.31k	-1.96k	0	0	0	-14.6k	-3.99k	2.37k	-
0	17	7	26	0	0	0	0	-17.1k	-5.87k	2.18k	-9.11k	-1.74k	0	0	0	-14.3k	-3.85k	2.44k	-
6.85k	10.6k	8	26	0	0	0	0	-16.9k	-5.80k	2.22k	-8.93k	-1.55k	0	0	0	-14.0k	-3.72k	2.51k	-
0	17	1	-	-	0	0	0	-26.8k	-10.3k	2.20k	-10.6k	-2.26k	0	0	0	-20.7k	-6.87k	3.31k	-
4.47k	2.63k	2	-	-	0	0	0	-20.7k	-7.89k	1.69k	-8.14k	-1.74k	0	0	0	-15.9k	-5.29k	2.54k	-
0	17	3	-	-	0	0	0	-20.7k	-7.89k	1.69k	-8.14k	-1.74k	0	0	0	-15.9k	-5.29k	2.54k	-
3.44k	2.02k	4	-	-	0	0	0	-20.7k	-7.89k	1.69k	-8.14k	-1.74k	0	0	0	-15.9k	-5.29k	2.54k	-
0	17	7	-	-	0	0	0	-20.5k	-7.80k	1.73k	-7.96k	-1.53k	0	0	0	-15.6k	-5.18k	2.62k	-
3.44k	2.02k	8	-	-	0	0	0	-20.3k	-7.72k	1.76k	-7.81k	-1.35k	0	0	0	-15.3k	-5.09k	2.69k	-
0	17	1	22	0	0	0	0	-27.9k	-11.4k	1.79k	-3.54k	1.52k	0	0	0	-26.7k	-10.3k	2.42k	-
3.21k	2.70k	2	22	0	0	0	0	-21.5k	-8.76k	1.38k	-2.72k	1.17k	0	0	0	-20.5k	-7.96k	1.86k	-
0	18	3	22	0	0	0	0	-21.5k	-8.76k	1.38k	-2.72k	1.17k	0	0	0	-20.5k	-7.96k	1.86k	-
2.24k	1.79k	4	22	0	0	0	0	-21.5k	-8.76k	1.38k	-2.72k	1.17k	0	0	0	-20.5k	-7.96k	1.86k	-
0	18	7	22	0	0	0	0	-21.3k	-8.67k	1.41k	-2.64k	1.18k	0	0	0	-20.2k	-7.86k	1.92k	-
1.72k	1.38k	8	22	0	0	0	0	-21.2k	-8.59k	1.44k	-2.58k	1.19k	0	0	0	-20.0k	-7.77k	1.98k	-
0	18	1	23	0	0	0	0	-29.1k	-12.4k	92.1	-756	2.09k	0	0	0	-28.8k	-12.2k	751	-
0	18	2	23	0	0	0	0	-22.4k	-9.55k	70.9	-582	1.61k	0	0	0	-22.2k	-9.37k	577	-
0	18	3	23	0	0	0	0	-22.4k	-9.55k	70.9	-582	1.61k	0	0	0	-22.2k	-9.37k	577	-
0	18	4	23	0	0	0	0	-22.4k	-9.55k	70.9	-582	1.61k	0	0	0	-22.2k	-9.37k	577	-
0	18	7	23	0	0	0	0	-22.3k	-9.52k	88.5	-510	1.62k	0	0	0	-22.0k	-9.28k	636	-
0	18	8	23	0	0	0	0	-22.3k	-9.50k	104	-450	1.63k	0	0	0	-21.9k	-9.20k	687	-
0	18	1	28	0	0	0	0	-29.4k	-12.0k	75.9	-754	2.05k	0	0	0	-29.2k	-11.7k	629	-
0	18	2	28	0	0	0	0	-22.6k	-9.23k	58.4	-580	1.57k	0	0	0	-22.4k	-9.01k	484	-
0	18	3	28	0	0	0	0	-22.6k	-9.23k	58.4	-580	1.57k	0	0	0	-22.4k	-9.01k	484	-
0	18	4	28	0	0	0	0	-22.6k	-9.23k	58.4	-580	1.57k	0	0	0	-22.4k	-9.01k	484	-
0	18	7	28	0	0	0	0	-22.5k	-9.20k	74.9	-509	1.58k	0	0	0	-22.3k	-8.92k	538	-
0	18	8	28	0	0	0	0	-22.5k	-9.18k	89.3	-447	1.59k	0	0	0	-22.2k	-8.85k	585	-
0	18	1	27	0	0	0	0	-28.3k	-11.0k	1.52k	-3.58k	1.49k	0	0	0	-26.9k	-10.1k	2.12k	-
2.25k	1.75k	2	27	0	0	0	0	-21.7k	-8.43k	1.17k	-2.75k	1.15k	0	0	0	-20.7k	-7.74k	1.63k	-
0	18	3	27	0	0	0	0	-21.7k	-8.43k	1.17k	-2.75k	1.15k	0	0	0	-20.7k	-7.74k	1.63k	-
1.73k	1.35k	4	27	0	0	0	0	-21.7k	-8.43k	1.17k	-2.75k	1.15k	0	0	0	-20.7k	-7.74k	1.63k	-
0	18	7	27	0	0	0	0	-21.6k	-8.34k	1.20k	-2.67k	1.16k	0	0	0	-20.4k	-7.64k	1.69k	-
1.58k	1.37k	8	27	0	0	0	0	-21.4k	-8.27k	1.23k	-2.60k	1.17k	0	0	0	-20.2k	-7.56k	1.75k	-
0	18																		
1.44k	1.39k																		

0	18	1	-	-	0	0	0	-29.2k	-12.1k	88.2	-3.55k	1.50k	0	0	0	-26.8k	-10.3k	2.22k
	-203	2.13k																
0	18	2	-	-	0	0	0	-22.5k	-9.33k	67.9	-2.73k	1.16k	0	0	0	-20.7k	-7.89k	1.71k
	-156	1.64k																
0	18	3	-	-	0	0	0	-22.5k	-9.33k	67.9	-2.73k	1.16k	0	0	0	-20.7k	-7.89k	1.71k
	-156	1.64k																
0	18	4	-	-	0	0	0	-22.5k	-9.33k	67.9	-2.73k	1.16k	0	0	0	-20.7k	-7.89k	1.71k
	-156	1.64k																
0	18	7	-	-	0	0	0	-22.4k	-9.31k	85.1	-2.65k	1.17k	0	0	0	-20.4k	-7.79k	1.77k
	51.8	1.66k																
0	18	8	-	-	0	0	0	-22.4k	-9.28k	100	-2.59k	1.18k	0	0	0	-20.1k	-7.70k	1.82k
	229	1.68k																
0	19	1	23	0	0	0	0	-29.1k	-12.4k	-568	39.8	2.12k	0	0	0	-28.9k	-12.2k	92.2
	570	2.15k																
0	19	2	23	0	0	0	0	-22.4k	-9.55k	-437	30.6	1.63k	0	0	0	-22.2k	-9.40k	70.9
	438	1.66k																
0	19	3	23	0	0	0	0	-22.4k	-9.55k	-437	30.6	1.63k	0	0	0	-22.2k	-9.40k	70.9
	438	1.66k																
0	19	4	23	0	0	0	0	-22.4k	-9.55k	-437	30.6	1.63k	0	0	0	-22.2k	-9.40k	70.9
	438	1.66k																
0	19	7	23	0	0	0	0	-22.3k	-9.52k	-415	93.4	1.64k	0	0	0	-22.1k	-9.32k	127
	641	1.68k																
0	19	8	23	0	0	0	0	-22.3k	-9.50k	-397	147	1.65k	0	0	0	-22.0k	-9.25k	177
	813	1.70k																
0	19	1	24	0	0	0	0	-28.1k	-11.6k	-2.27k	1.93k	1.60k	0	0	0	-27.0k	-10.6k	-1.65k
	3.12k	1.86k																
0	19	2	24	0	0	0	0	-21.6k	-8.90k	-1.75k	1.48k	1.23k	0	0	0	-20.8k	-8.15k	-1.27k
	2.40k	1.43k																
0	19	3	24	0	0	0	0	-21.6k	-8.90k	-1.75k	1.48k	1.23k	0	0	0	-20.8k	-8.15k	-1.27k
	2.40k	1.43k																
0	19	4	24	0	0	0	0	-21.6k	-8.90k	-1.75k	1.48k	1.23k	0	0	0	-20.8k	-8.15k	-1.27k
	2.40k	1.43k																
0	19	7	24	0	0	0	0	-21.5k	-8.82k	-1.71k	1.56k	1.24k	0	0	0	-20.5k	-8.06k	-1.21k
	2.53k	1.45k																
0	19	8	24	0	0	0	0	-21.3k	-8.75k	-1.68k	1.62k	1.25k	0	0	0	-20.3k	-7.97k	-1.15k
	2.65k	1.47k																
0	19	1	29	0	0	0	0	-28.5k	-11.1k	-1.99k	1.94k	1.58k	0	0	0	-27.3k	-10.3k	-1.39k
	3.15k	1.82k																
0	19	2	29	0	0	0	0	-21.9k	-8.53k	-1.53k	1.49k	1.22k	0	0	0	-21.0k	-7.92k	-1.07k
	2.42k	1.40k																
0	19	3	29	0	0	0	0	-21.9k	-8.53k	-1.53k	1.49k	1.22k	0	0	0	-21.0k	-7.92k	-1.07k
	2.42k	1.40k																
0	19	4	29	0	0	0	0	-21.9k	-8.53k	-1.53k	1.49k	1.22k	0	0	0	-21.0k	-7.92k	-1.07k
	2.42k	1.40k																
0	19	7	29	0	0	0	0	-21.7k	-8.45k	-1.50k	1.57k	1.23k	0	0	0	-20.7k	-7.83k	-1.01k
	2.56k	1.42k																
0	19	8	29	0	0	0	0	-21.6k	-8.38k	-1.47k	1.63k	1.24k	0	0	0	-20.5k	-7.74k	-959
	2.68k	1.44k																
0	19	1	28	0	0	0	0	-29.4k	-12.0k	-475	39.8	2.07k	0	0	0	-29.2k	-11.8k	86.2
	568	2.11k																
0	19	2	28	0	0	0	0	-22.6k	-9.23k	-365	30.6	1.59k	0	0	0	-22.5k	-9.06k	66.3
	437	1.62k																
0	19	3	28	0	0	0	0	-22.6k	-9.23k	-365	30.6	1.59k	0	0	0	-22.5k	-9.06k	66.3
	437	1.62k																
0	19	4	28	0	0	0	0	-22.6k	-9.23k	-365	30.6	1.59k	0	0	0	-22.5k	-9.06k	66.3
	437	1.62k																
0	19	7	28	0	0	0	0	-22.5k	-9.20k	-345	93.8	1.60k	0	0	0	-22.4k	-8.98k	119
	641	1.64k																
0	19	8	28	0	0	0	0	-22.5k	-9.18k	-327	147	1.61k	0	0	0	-22.2k	-8.91k	165
	815	1.67k																
0	19	1	-	-	0	0	0	-29.2k	-12.2k	-2.08k	39.8	1.59k	0	0	0	-27.2k	-10.5k	88.4
	3.12k	2.13k																
0	19	2	-	-	0	0	0	-22.5k	-9.37k	-1.60k	30.6	1.23k	0	0	0	-20.9k	-8.08k	68.0
	2.40k	1.64k																
0	19	3	-	-	0	0	0	-22.5k	-9.37k	-1.60k	30.6	1.23k	0	0	0	-20.9k	-8.08k	68.0
	2.40k	1.64k																
0	19	4	-	-	0	0	0	-22.5k	-9.37k	-1.60k	30.6	1.23k	0	0	0	-20.9k	-8.08k	68.0
	2.40k	1.64k																
0	19	7	-	-	0	0	0	-22.4k	-9.32k	-1.57k	93.6	1.24k	0	0	0	-20.6k	-7.98k	123
	2.54k	1.66k																
0	19	8	-	-	0	0	0	-22.4k	-9.29k	-1.54k	147	1.24k	0	0	0	-20.4k	-7.90k	170
	2.66k	1.68k																
0	20	1	24	0	0	0	0	-27.1k	-10.7k	-2.78k	4.00k	1.16k	0	0	0	-25.4k	-9.62k	-2.18k
	5.30k	1.60k																
0	20	2	24	0	0	0	0	-20.9k	-8.23k	-2.14k	3.08k	889	0	0	0	-19.5k	-7.40k	-1.68k
	4.07k	1.23k																
0	20	3	24	0	0	0	0	-20.9k	-8.23k	-2.14k	3.08k	889	0	0	0	-19.5k	-7.40k	-1.68k
	4.07k	1.23k																
0	20	4	24	0	0	0	0	-20.9k	-8.23k	-2.14k	3.08k	889	0	0	0	-19.5k	-7.40k	-1.68k
	4.07k	1.23k																
0	20	7	24	0	0	0	0	-20.7k	-8.14k	-2.10k	3.16k	911	0	0	0	-19.2k	-7.30k	-1.61k
	4.20k	1.26k																
0	20	8	24	0	0	0	0	-20.5k	-8.06k	-2.07k	3.23k	929	0	0	0	-19.0k	-7.21k	-1.56k
	4.31k	1.28k																
0	20	1	25	0	0	0	0	-22.1k	-7.65k	-3.57k	8.60k	-1.78k	0	0	0	-19.1k	-6.85k	-3.29k
	10.5k	11.0k																
0	20	2	25	0	0	0	0	-17.0k	-5.89k	-2.75k	6.62k	-1.37k	0	0	0	-14.7k	-5.27k	-2.53k
	8.06k	8.45k																
0	20	3	25	0	0	0	0	-17.0k	-5.89k	-2.75k	6.62k	-1.37k	0	0	0	-14.7k	-5.27k	-2.53k
	8.06k	8.45k																
0	20	4	25	0	0	0	0	-17.0k	-5.89k	-2.75k	6.62k	-1.37k	0	0	0	-14.7k	-5.27k	-2.53k
	8.06k	8.45k																
0	20	7	25	0	0	0	0	-16.9k	-5.82k	-2.69k	6.76k	-1.18k	0	0	0	-14.4k	-5.16k	-2.45k
	8.32k	9.55k																
0	20	8	25	0	0	0	0	-16.7k	-5.76k	-2.64k	6.88k	-1.01k	0	0	0	-14.1k	-5.07k	-2.39k
	8.55k	10.5k																

0	20	1	30	0	0	0	0	-22.5k	-7.74k	-3.07k	8.97k	-2.29k	0	0	0	-19.0k	-5.27k	-2.76k
	11.8k	12.6k																
0	20	2	30	0	0	0	0	-17.3k	-5.95k	-2.36k	6.90k	-1.76k	0	0	0	-14.6k	-4.05k	-2.12k
	9.10k	9.66k																
0	20	3	30	0	0	0	0	-17.3k	-5.95k	-2.36k	6.90k	-1.76k	0	0	0	-14.6k	-4.05k	-2.12k
	9.10k	9.66k																
0	20	4	30	0	0	0	0	-17.3k	-5.95k	-2.36k	6.90k	-1.76k	0	0	0	-14.6k	-4.05k	-2.12k
	9.10k	9.66k																
0	20	7	30	0	0	0	0	-17.1k	-5.88k	-2.31k	7.04k	-1.55k	0	0	0	-14.3k	-3.91k	-2.05k
	9.38k	10.8k																
0	20	8	30	0	0	0	0	-16.9k	-5.81k	-2.26k	7.17k	-1.37k	0	0	0	-14.0k	-3.79k	-1.99k
	9.63k	11.8k																
0	20	1	29	0	0	0	0	-27.4k	-10.4k	-2.31k	4.03k	1.08k	0	0	0	-25.7k	-9.31k	-1.90k
	5.44k	1.58k																
0	20	2	29	0	0	0	0	-21.0k	-8.00k	-1.78k	3.10k	834	0	0	0	-19.8k	-7.16k	-1.46k
	4.18k	1.22k																
0	20	3	29	0	0	0	0	-21.0k	-8.00k	-1.78k	3.10k	834	0	0	0	-19.8k	-7.16k	-1.46k
	4.18k	1.22k																
0	20	4	29	0	0	0	0	-21.0k	-8.00k	-1.78k	3.10k	834	0	0	0	-19.8k	-7.16k	-1.46k
	4.18k	1.22k																
0	20	7	29	0	0	0	0	-20.9k	-7.91k	-1.74k	3.18k	856	0	0	0	-19.5k	-7.06k	-1.40k
	4.31k	1.24k																
0	20	8	29	0	0	0	0	-20.7k	-7.84k	-1.70k	3.25k	876	0	0	0	-19.2k	-6.97k	-1.35k
	4.42k	1.26k																
0	20	1	-	-	0	0	0	-27.2k	-10.5k	-3.33k	4.01k	-2.04k	0	0	0	-20.6k	-6.86k	-2.09k
	10.6k	3.29k																
0	20	2	-	-	0	0	0	-20.9k	-8.08k	-2.56k	3.09k	-1.57k	0	0	0	-15.9k	-5.28k	-1.60k
	8.15k	2.53k																
0	20	3	-	-	0	0	0	-20.9k	-8.08k	-2.56k	3.09k	-1.57k	0	0	0	-15.9k	-5.28k	-1.60k
	8.15k	2.53k																
0	20	4	-	-	0	0	0	-20.9k	-8.08k	-2.56k	3.09k	-1.57k	0	0	0	-15.9k	-5.28k	-1.60k
	8.15k	2.53k																
0	20	7	-	-	0	0	0	-20.8k	-7.99k	-2.51k	3.16k	-1.37k	0	0	0	-15.6k	-5.18k	-1.54k
	8.42k	2.92k																
0	20	8	-	-	0	0	0	-20.6k	-7.91k	-2.46k	3.23k	-1.19k	0	0	0	-15.3k	-5.09k	-1.49k
	8.64k	3.27k																
0	21	1	26	0	0	0	0	-22.4k	-7.52k	1.85k	-10.7k	-2.48k	0	0	0	-19.4k	-6.73k	2.89k
	8.82k	14.3k																-
0	21	2	26	0	0	0	0	-17.2k	-5.79k	1.42k	-8.25k	-1.90k	0	0	0	-14.9k	-5.18k	2.22k
	6.79k	11.0k																-
0	21	3	26	0	0	0	0	-17.2k	-5.79k	1.42k	-8.25k	-1.90k	0	0	0	-14.9k	-5.18k	2.22k
	6.79k	11.0k																-
0	21	4	26	0	0	0	0	-17.2k	-5.79k	1.42k	-8.25k	-1.90k	0	0	0	-14.9k	-5.18k	2.22k
	6.79k	11.0k																-
0	21	7	26	0	0	0	0	-17.0k	-5.71k	1.48k	-8.04k	-1.72k	0	0	0	-14.6k	-5.07k	2.30k
	6.57k	12.0k																-
0	21	8	26	0	0	0	0	-16.9k	-5.65k	1.53k	-7.85k	-1.55k	0	0	0	-14.3k	-4.99k	2.37k
	6.39k	13.0k																-
0	21	1	27	0	0	0	0	-27.4k	-10.1k	1.50k	-5.83k	984	0	0	0	-25.4k	-9.00k	2.38k
	4.53k	1.44k																-
0	21	2	27	0	0	0	0	-21.1k	-7.74k	1.16k	-4.48k	757	0	0	0	-19.5k	-6.93k	1.83k
	3.48k	1.11k																-
0	21	3	27	0	0	0	0	-21.1k	-7.74k	1.16k	-4.48k	757	0	0	0	-19.5k	-6.93k	1.83k
	3.48k	1.11k																-
0	21	4	27	0	0	0	0	-21.1k	-7.74k	1.16k	-4.48k	757	0	0	0	-19.5k	-6.93k	1.83k
	3.48k	1.11k																-
0	21	7	27	0	0	0	0	-20.9k	-7.66k	1.20k	-4.38k	775	0	0	0	-19.2k	-6.82k	1.90k
	3.36k	1.13k																-
0	21	8	27	0	0	0	0	-20.8k	-7.58k	1.23k	-4.30k	791	0	0	0	-18.9k	-6.74k	1.95k
	3.26k	1.15k																-
0	21	1	32	0	0	0	0	-27.9k	-8.70k	599	-5.91k	548	0	0	0	-26.3k	-7.88k	925
	4.66k	1.06k																-
0	21	2	32	0	0	0	0	-21.5k	-6.69k	461	-4.54k	422	0	0	0	-20.3k	-6.06k	712
	3.59k	816																-
0	21	3	32	0	0	0	0	-21.5k	-6.69k	461	-4.54k	422	0	0	0	-20.3k	-6.06k	712
	3.59k	816																-
0	21	4	32	0	0	0	0	-21.5k	-6.69k	461	-4.54k	422	0	0	0	-20.3k	-6.06k	712
	3.59k	816																-
0	21	7	32	0	0	0	0	-21.3k	-6.62k	505	-4.46k	438	0	0	0	-19.9k	-5.97k	764
	3.48k	838																-
0	21	8	32	0	0	0	0	-21.2k	-6.57k	543	-4.39k	452	0	0	0	-19.7k	-5.89k	809
	3.38k	857																-
0	21	1	31	0	0	0	0	-22.7k	-6.75k	708	-12.7k	-2.69k	0	0	0	-19.5k	-4.61k	1.21k
	9.56k	14.4k																-
0	21	2	31	0	0	0	0	-17.5k	-5.19k	545	-9.78k	-2.07k	0	0	0	-15.0k	-3.55k	934
	7.35k	11.1k																-
0	21	3	31	0	0	0	0	-17.5k	-5.19k	545	-9.78k	-2.07k	0	0	0	-15.0k	-3.55k	934
	7.35k	11.1k																-
0	21	4	31	0	0	0	0	-17.5k	-5.19k	545	-9.78k	-2.07k	0	0	0	-15.0k	-3.55k	934
	7.35k	11.1k																-
0	21	7	31	0	0	0	0	-17.3k	-5.13k	610	-9.57k	-1.87k	0	0	0	-14.7k	-3.40k	1.01k
	7.15k	12.1k																-
0	21	8	31	0	0	0	0	-17.1k	-5.08k	667	-9.39k	-1.70k	0	0	0	-14.5k	-3.27k	1.08k
	6.99k	13.0k																-
0	21	1	-	-	0	0	0	-27.7k	-9.31k	708	-10.9k	-1.24k	0	0	0	-21.1k	-6.43k	2.74k
	4.61k	3.06k																-
0	21	2	-	-	0	0	0	-21.3k	-7.16k	545	-8.38k	-954	0	0	0	-16.2k	-4.94k	2.11k
	3.54k	2.35k																-
0	21	3	-	-	0	0	0	-21.3k	-7.16k	545	-8.38k	-954	0	0	0	-16.2k	-4.94k	2.11k
	3.54k	2.35k																-
0	21	4	-	-	0	0	0	-21.3k	-7.16k	545	-8.38k	-954	0	0	0	-16.2k	-4.94k	2.11k
	3.54k	2.35k																-
0	21	7	-	-	0	0	0	-21.1k	-7.08k	597	-8.23k	-856	0	0	0	-15.9k	-4.84k	2.18k
	3.43k	2.58k																-
0	21	8	-	-	0	0	0	-21.0k	-7.02k	642	-8.09k	-770	0	0	0	-15.6k	-4.75k	2.25k
	3.32k	2.79k																-

0	22	1	27	0	0	0	0	-28.5k	-10.9k	1.26k	-3.63k	1.31k	0	0	0	-27.0k	-9.50k	2.02k	-
2.26k	1.70k	2	27	0	0	0	0	-21.9k	-8.40k	970	-2.79k	1.01k	0	0	0	-20.8k	-7.31k	1.55k	-
0	1.73k	3	27	0	0	0	0	-21.9k	-8.40k	970	-2.79k	1.01k	0	0	0	-20.8k	-7.31k	1.55k	-
0	1.73k	4	27	0	0	0	0	-21.9k	-8.40k	970	-2.79k	1.01k	0	0	0	-20.8k	-7.31k	1.55k	-
0	1.73k	7	27	0	0	0	0	-21.8k	-8.32k	1.00k	-2.72k	1.02k	0	0	0	-20.5k	-7.21k	1.61k	-
1.58k	1.33k	8	27	0	0	0	0	-21.6k	-8.24k	1.03k	-2.65k	1.02k	0	0	0	-20.2k	-7.13k	1.67k	-
0	1.44k	1	28	0	0	0	0	-29.8k	-11.9k	61.8	-754	1.86k	0	0	0	-29.2k	-11.0k	632	-
0	-202	2	28	0	0	0	0	-22.9k	-9.12k	47.5	-580	1.43k	0	0	0	-22.5k	-8.47k	486	-
0	-156	3	28	0	0	0	0	-22.9k	-9.12k	47.5	-580	1.43k	0	0	0	-22.5k	-8.47k	486	-
0	-156	4	28	0	0	0	0	-22.9k	-9.12k	47.5	-580	1.43k	0	0	0	-22.5k	-8.47k	486	-
0	-156	7	28	0	0	0	0	-22.9k	-9.10k	61.9	-509	1.44k	0	0	0	-22.3k	-8.40k	541	-
0	55.7	8	28	0	0	0	0	-22.8k	-9.07k	74.4	-447	1.45k	0	0	0	-22.2k	-8.33k	587	-
0	235	1	33	0	0	0	0	-30.3k	-9.89k	22.1	-762	1.24k	0	0	0	-30.1k	-9.26k	223	-
0	-203	2	33	0	0	0	0	-23.3k	-7.60k	17.0	-586	950	0	0	0	-23.2k	-7.12k	172	-
0	-156	3	33	0	0	0	0	-23.3k	-7.60k	17.0	-586	950	0	0	0	-23.2k	-7.12k	172	-
0	-156	4	33	0	0	0	0	-23.3k	-7.60k	17.0	-586	950	0	0	0	-23.2k	-7.12k	172	-
0	-156	7	33	0	0	0	0	-23.3k	-7.59k	26.3	-515	959	0	0	0	-23.0k	-7.07k	205	-
0	57.1	8	33	0	0	0	0	-23.3k	-7.57k	34.4	-455	966	0	0	0	-22.9k	-7.03k	233	-
0	238	1	32	0	0	0	0	-29.2k	-9.11k	457	-3.70k	928	0	0	0	-27.8k	-8.31k	871	-
0	2.32k	2	32	0	0	0	0	-22.5k	-7.01k	351	-2.85k	714	0	0	0	-21.4k	-6.40k	670	-
0	1.78k	3	32	0	0	0	0	-22.5k	-7.01k	351	-2.85k	714	0	0	0	-21.4k	-6.40k	670	-
0	1.78k	4	32	0	0	0	0	-22.5k	-7.01k	351	-2.85k	714	0	0	0	-21.4k	-6.40k	670	-
0	1.78k	7	32	0	0	0	0	-22.3k	-6.94k	386	-2.78k	723	0	0	0	-21.1k	-6.31k	720	-
0	1.62k	8	32	0	0	0	0	-22.2k	-6.89k	416	-2.72k	732	0	0	0	-20.8k	-6.23k	763	-
0	1.49k	1	-	-	0	0	0	-30.1k	-11.6k	40.9	-3.67k	1.11k	0	0	0	-27.5k	-8.88k	1.36k	-
0	-202	2	-	-	0	0	0	-23.1k	-8.89k	31.5	-2.82k	855	0	0	0	-21.1k	-6.83k	1.04k	-
0	-156	3	-	-	0	0	0	-23.1k	-8.89k	31.5	-2.82k	855	0	0	0	-21.1k	-6.83k	1.04k	-
0	-156	4	-	-	0	0	0	-23.1k	-8.89k	31.5	-2.82k	855	0	0	0	-21.1k	-6.83k	1.04k	-
0	-156	7	-	-	0	0	0	-23.1k	-8.83k	43.4	-2.75k	865	0	0	0	-20.9k	-6.74k	1.10k	-
0	56.8	8	-	-	0	0	0	-23.1k	-8.78k	53.8	-2.69k	874	0	0	0	-20.6k	-6.66k	1.15k	-
0	237	1	28	0	0	0	0	-29.8k	-11.9k	-478	39.8	1.87k	0	0	0	-29.3k	-11.0k	76.5	-
0	568	2	28	0	0	0	0	-22.9k	-9.12k	-368	30.6	1.44k	0	0	0	-22.5k	-8.48k	58.8	-
0	437	3	28	0	0	0	0	-22.9k	-9.12k	-368	30.6	1.44k	0	0	0	-22.5k	-8.48k	58.8	-
0	437	4	28	0	0	0	0	-22.9k	-9.12k	-368	30.6	1.44k	0	0	0	-22.5k	-8.48k	58.8	-
0	437	7	28	0	0	0	0	-22.9k	-9.10k	-347	93.9	1.45k	0	0	0	-22.4k	-8.42k	110	-
0	642	8	28	0	0	0	0	-22.8k	-9.07k	-329	148	1.46k	0	0	0	-22.3k	-8.36k	155	-
0	817	1	29	0	0	0	0	-28.7k	-11.1k	-1.90k	1.94k	1.37k	0	0	0	-27.4k	-9.63k	-1.23k	-
0	3.20k	2	29	0	0	0	0	-22.0k	-8.53k	-1.46k	1.49k	1.05k	0	0	0	-21.1k	-7.41k	-944	-
0	2.46k	3	29	0	0	0	0	-22.0k	-8.53k	-1.46k	1.49k	1.05k	0	0	0	-21.1k	-7.41k	-944	-
0	2.46k	4	29	0	0	0	0	-22.0k	-8.53k	-1.46k	1.49k	1.05k	0	0	0	-21.1k	-7.41k	-944	-
0	2.46k	7	29	0	0	0	0	-21.9k	-8.45k	-1.42k	1.57k	1.06k	0	0	0	-20.8k	-7.32k	-889	-
0	2.60k	8	29	0	0	0	0	-21.8k	-8.38k	-1.39k	1.63k	1.07k	0	0	0	-20.5k	-7.24k	-842	-
0	2.71k	1	34	0	0	0	0	-29.4k	-9.14k	-820	1.99k	980	0	0	0	-28.1k	-8.45k	-417	-
0	3.26k	2	34	0	0	0	0	-22.6k	-7.03k	-630	1.53k	754	0	0	0	-21.7k	-6.50k	-321	-
0	2.50k	3	34	0	0	0	0	-22.6k	-7.03k	-630	1.53k	754	0	0	0	-21.7k	-6.50k	-321	-
0	2.50k	4	34	0	0	0	0	-22.6k	-7.03k	-630	1.53k	754	0	0	0	-21.7k	-6.50k	-321	-
0	2.50k	7	34	0	0	0	0	-22.5k	-6.97k	-589	1.60k	763	0	0	0	-21.4k	-6.42k	-284	-
0	2.63k	8	34	0	0	0	0	-22.4k	-6.91k	-554	1.66k	772	0	0	0	-21.1k	-6.35k	-252	-
0	2.75k	963																	

0	23	1	33	0	0	0	0	-30.3k	-9.89k	-169	40.4	1.25k	0	0	0	-30.2k	-9.29k	37.1
	573	1.50k																
0	23	2	33	0	0	0	0	-23.3k	-7.60k	-130	31.1	962	0	0	0	-23.2k	-7.15k	28.6
	441	1.15k																
0	23	3	33	0	0	0	0	-23.3k	-7.60k	-130	31.1	962	0	0	0	-23.2k	-7.15k	28.6
	441	1.15k																
0	23	4	33	0	0	0	0	-23.3k	-7.60k	-130	31.1	962	0	0	0	-23.2k	-7.15k	28.6
	441	1.15k																
0	23	7	33	0	0	0	0	-23.3k	-7.59k	-113	95.5	970	0	0	0	-23.1k	-7.10k	62.0
	648	1.18k																
0	23	8	33	0	0	0	0	-23.3k	-7.57k	-98.6	150	977	0	0	0	-23.0k	-7.06k	90.8
	825	1.20k																
0	23	1	-	-	0	0	0	-30.1k	-11.6k	-1.24k	40.1	1.14k	0	0	0	-27.9k	-9.03k	53.7
	3.23k	1.96k																
0	23	2	-	-	0	0	0	-23.2k	-8.96k	-955	30.8	880	0	0	0	-21.4k	-6.95k	41.3
	2.48k	1.51k																
0	23	3	-	-	0	0	0	-23.2k	-8.96k	-955	30.8	880	0	0	0	-21.4k	-6.95k	41.3
	2.48k	1.51k																
0	23	4	-	-	0	0	0	-23.2k	-8.96k	-955	30.8	880	0	0	0	-21.4k	-6.95k	41.3
	2.48k	1.51k																
0	23	7	-	-	0	0	0	-23.1k	-8.90k	-915	94.9	890	0	0	0	-21.2k	-6.88k	83.1
	2.62k	1.54k																
0	23	8	-	-	0	0	0	-23.1k	-8.86k	-882	149	898	0	0	0	-20.9k	-6.80k	119
	2.73k	1.56k																
0	24	1	29	0	0	0	0	-27.8k	-10.3k	-2.31k	4.07k	1.07k	0	0	0	-25.7k	-9.22k	-1.36k
	5.43k	1.53k																
0	24	2	29	0	0	0	0	-21.4k	-7.93k	-1.78k	3.13k	822	0	0	0	-19.8k	-7.09k	-1.05k
	4.18k	1.18k																
0	24	3	29	0	0	0	0	-21.4k	-7.93k	-1.78k	3.13k	822	0	0	0	-19.8k	-7.09k	-1.05k
	4.18k	1.18k																
0	24	4	29	0	0	0	0	-21.4k	-7.93k	-1.78k	3.13k	822	0	0	0	-19.8k	-7.09k	-1.05k
	4.18k	1.18k																
0	24	7	29	0	0	0	0	-21.2k	-7.84k	-1.74k	3.21k	841	0	0	0	-19.5k	-6.99k	-992
	4.31k	1.20k																
0	24	8	29	0	0	0	0	-21.1k	-7.76k	-1.70k	3.28k	857	0	0	0	-19.2k	-6.90k	-944
	4.42k	1.22k																
0	24	1	30	0	0	0	0	-22.4k	-7.53k	-2.91k	8.70k	-2.28k	0	0	0	-19.4k	-6.72k	-1.86k
	10.7k	13.2k																
0	24	2	30	0	0	0	0	-17.2k	-5.79k	-2.23k	6.69k	-1.76k	0	0	0	-14.9k	-5.17k	-1.43k
	8.26k	10.1k																
0	24	3	30	0	0	0	0	-17.2k	-5.79k	-2.23k	6.69k	-1.76k	0	0	0	-14.9k	-5.17k	-1.43k
	8.26k	10.1k																
0	24	4	30	0	0	0	0	-17.2k	-5.79k	-2.23k	6.69k	-1.76k	0	0	0	-14.9k	-5.17k	-1.43k
	8.26k	10.1k																
0	24	7	30	0	0	0	0	-17.1k	-5.72k	-2.18k	6.84k	-1.57k	0	0	0	-14.6k	-5.07k	-1.36k
	8.53k	11.2k																
0	24	8	30	0	0	0	0	-16.9k	-5.65k	-2.13k	6.97k	-1.40k	0	0	0	-14.3k	-4.98k	-1.30k
	8.76k	12.2k																
0	24	1	35	0	0	0	0	-22.8k	-6.79k	-1.21k	9.39k	-2.49k	0	0	0	-19.5k	-4.71k	-727
	12.4k	13.3k																
0	24	2	35	0	0	0	0	-17.6k	-5.23k	-928	7.22k	-1.92k	0	0	0	-15.0k	-3.62k	-559
	9.53k	10.2k																
0	24	3	35	0	0	0	0	-17.6k	-5.23k	-928	7.22k	-1.92k	0	0	0	-15.0k	-3.62k	-559
	9.53k	10.2k																
0	24	4	35	0	0	0	0	-17.6k	-5.23k	-928	7.22k	-1.92k	0	0	0	-15.0k	-3.62k	-559
	9.53k	10.2k																
0	24	7	35	0	0	0	0	-17.4k	-5.17k	-865	7.35k	-1.72k	0	0	0	-14.7k	-3.47k	-487
	9.80k	11.3k																
0	24	8	35	0	0	0	0	-17.3k	-5.12k	-811	7.46k	-1.55k	0	0	0	-14.5k	-3.35k	-425
	10.0k	12.2k																
0	24	1	34	0	0	0	0	-28.3k	-8.86k	-905	4.18k	601	0	0	0	-26.5k	-7.85k	-564
	5.65k	1.12k																
0	24	2	34	0	0	0	0	-21.7k	-6.81k	-696	3.21k	462	0	0	0	-20.4k	-6.04k	-434
	4.35k	861																
0	24	3	34	0	0	0	0	-21.7k	-6.81k	-696	3.21k	462	0	0	0	-20.4k	-6.04k	-434
	4.35k	861																
0	24	4	34	0	0	0	0	-21.7k	-6.81k	-696	3.21k	462	0	0	0	-20.4k	-6.04k	-434
	4.35k	861																
0	24	7	34	0	0	0	0	-21.6k	-6.75k	-652	3.29k	477	0	0	0	-20.1k	-5.94k	-391
	4.45k	883																
0	24	8	34	0	0	0	0	-21.5k	-6.69k	-614	3.35k	491	0	0	0	-19.9k	-5.87k	-354
	4.55k	901																
0	24	1	-	-	0	0	0	-28.1k	-9.48k	-2.71k	4.14k	-1.26k	0	0	0	-21.1k	-6.43k	-690
	10.9k	3.49k																
0	24	2	-	-	0	0	0	-21.6k	-7.29k	-2.08k	3.19k	-969	0	0	0	-16.2k	-4.94k	-531
	8.40k	2.69k																
0	24	3	-	-	0	0	0	-21.6k	-7.29k	-2.08k	3.19k	-969	0	0	0	-16.2k	-4.94k	-531
	8.40k	2.69k																
0	24	4	-	-	0	0	0	-21.6k	-7.29k	-2.08k	3.19k	-969	0	0	0	-16.2k	-4.94k	-531
	8.40k	2.69k																
0	24	7	-	-	0	0	0	-21.4k	-7.21k	-2.04k	3.26k	-863	0	0	0	-15.9k	-4.84k	-479
	8.64k	2.99k																
0	24	8	-	-	0	0	0	-21.3k	-7.15k	-2.00k	3.33k	-770	0	0	0	-15.6k	-4.75k	-434
	8.85k	3.27k																
0	25	1	31	0	0	0	0	-22.8k	-6.94k	352	-10.9k	-2.68k	0	0	0	-20.0k	-6.17k	824
	9.56k	14.1k																-
0	25	2	31	0	0	0	0	-17.6k	-5.34k	270	-8.39k	-2.06k	0	0	0	-15.4k	-4.75k	634
	7.35k	10.8k																-
0	25	3	31	0	0	0	0	-17.6k	-5.34k	270	-8.39k	-2.06k	0	0	0	-15.4k	-4.75k	634
	7.35k	10.8k																-
0	25	4	31	0	0	0	0	-17.6k	-5.34k	270	-8.39k	-2.06k	0	0	0	-15.4k	-4.75k	634
	7.35k	10.8k																-
0	25	7	31	0	0	0	0	-17.4k	-5.23k	327	-8.24k	-1.87k	0	0	0	-15.1k	-4.65k	703
	7.14k	11.9k																-
0	25	8	31	0	0	0	0	-17.3k	-5.14k	375	-8.12k	-1.70k	0	0	0	-14.8k	-4.56k	763
	6.96k	12.8k																-

0	25	1	32	0	0	0	0	-28.0k	-8.32k	403	-5.94k	483	0	0	0	-26.4k	-7.68k	678	-
4.69k	846	2	32	0	0	0	0	-21.5k	-6.40k	310	-4.57k	371	0	0	0	-20.3k	-5.91k	522	-
0	25	3	32	0	0	0	0	-21.5k	-6.40k	310	-4.57k	371	0	0	0	-20.3k	-5.91k	522	-
3.61k	651	4	32	0	0	0	0	-21.5k	-6.40k	310	-4.57k	371	0	0	0	-20.3k	-5.91k	522	-
0	25	7	32	0	0	0	0	-21.4k	-6.34k	348	-4.49k	386	0	0	0	-20.0k	-5.82k	572	-
3.61k	651	8	32	0	0	0	0	-21.3k	-6.29k	382	-4.43k	398	0	0	0	-19.8k	-5.74k	616	-
3.50k	672	1	37	0	0	0	0	-28.0k	-7.66k	82.5	-6.07k	130	0	0	0	-26.3k	-7.12k	192	-
0	25	2	37	0	0	0	0	-21.6k	-5.89k	63.5	-4.67k	100	0	0	0	-20.3k	-5.48k	147	-
3.41k	691	3	37	0	0	0	0	-21.6k	-5.89k	63.5	-4.67k	100	0	0	0	-20.3k	-5.48k	147	-
4.68k	385	4	37	0	0	0	0	-21.6k	-5.89k	63.5	-4.67k	100	0	0	0	-20.3k	-5.48k	147	-
0	25	7	37	0	0	0	0	-21.5k	-5.85k	83.5	-4.62k	110	0	0	0	-20.0k	-5.39k	195	-
3.60k	296	8	37	0	0	0	0	-21.4k	-5.82k	101	-4.58k	119	0	0	0	-19.7k	-5.32k	235	-
0	25	1	36	0	0	0	0	-23.3k	-6.42k	90.9	-11.7k	-793	0	0	0	-19.9k	-5.28k	254	-
3.43k	337	2	36	0	0	0	0	-17.9k	-4.93k	69.9	-8.98k	-610	0	0	0	-15.3k	-4.06k	196	-
9.19k	4.19k	3	36	0	0	0	0	-17.9k	-4.93k	69.9	-8.98k	-610	0	0	0	-15.3k	-4.06k	196	-
0	25	4	36	0	0	0	0	-17.9k	-4.93k	69.9	-8.98k	-610	0	0	0	-15.3k	-4.06k	196	-
7.07k	3.23k	7	36	0	0	0	0	-17.8k	-4.89k	104	-8.77k	-519	0	0	0	-15.0k	-3.94k	264	-
0	25	8	36	0	0	0	0	-17.7k	-4.86k	134	-8.59k	-443	0	0	0	-14.8k	-3.83k	324	-
6.76k	5.09k	1	-	-	0	0	0	-28.0k	-7.91k	97.9	-11.0k	-1.01k	0	0	0	-21.6k	-6.01k	808	-
0	25	2	-	-	0	0	0	-21.6k	-6.08k	75.3	-8.45k	-774	0	0	0	-16.6k	-4.63k	621	-
4.69k	2.09k	3	-	-	0	0	0	-21.6k	-6.08k	75.3	-8.45k	-774	0	0	0	-16.6k	-4.63k	621	-
0	25	4	-	-	0	0	0	-21.6k	-6.08k	75.3	-8.45k	-774	0	0	0	-16.6k	-4.63k	621	-
3.61k	1.61k	7	-	-	0	0	0	-21.4k	-6.04k	100	-8.32k	-689	0	0	0	-16.3k	-4.53k	682	-
0	25	8	-	-	0	0	0	-21.3k	-5.99k	122	-8.21k	-615	0	0	0	-16.0k	-4.44k	736	-
3.43k	2.02k	1	32	0	0	0	0	-29.2k	-8.82k	351	-3.71k	661	0	0	0	-27.9k	-8.01k	597	-
0	26	2	32	0	0	0	0	-22.5k	-6.78k	270	-2.85k	509	0	0	0	-21.5k	-6.16k	459	-
2.32k	967	3	32	0	0	0	0	-22.5k	-6.78k	270	-2.85k	509	0	0	0	-21.5k	-6.16k	459	-
0	26	4	32	0	0	0	0	-22.5k	-6.78k	270	-2.85k	509	0	0	0	-21.5k	-6.16k	459	-
1.78k	744	7	32	0	0	0	0	-22.4k	-6.73k	304	-2.79k	518	0	0	0	-21.2k	-6.08k	504	-
0	26	8	32	0	0	0	0	-22.3k	-6.68k	334	-2.73k	526	0	0	0	-20.9k	-6.01k	542	-
1.49k	783	1	33	0	0	0	0	-30.4k	-9.34k	17.1	-762	931	0	0	0	-30.2k	-8.87k	192	-
0	26	2	33	0	0	0	0	-23.4k	-7.18k	13.1	-586	716	0	0	0	-23.2k	-6.83k	148	-
-156	893	3	33	0	0	0	0	-23.4k	-7.18k	13.1	-586	716	0	0	0	-23.2k	-6.83k	148	-
0	26	4	33	0	0	0	0	-23.4k	-7.18k	13.1	-586	716	0	0	0	-23.2k	-6.83k	148	-
-156	893	7	33	0	0	0	0	-23.3k	-7.17k	20.8	-516	723	0	0	0	-23.1k	-6.79k	178	-
0	26	8	33	0	0	0	0	-23.3k	-7.15k	27.3	-456	730	0	0	0	-23.0k	-6.76k	205	-
57.1	915	1	38	0	0	0	0	-30.5k	-8.39k	2.43	-762	304	0	0	0	-30.3k	-8.18k	38.4	-
0	26	2	38	0	0	0	0	-23.4k	-6.45k	1.87	-586	234	0	0	0	-23.3k	-6.29k	29.5	-
-156	411	3	38	0	0	0	0	-23.4k	-6.45k	1.87	-586	234	0	0	0	-23.3k	-6.29k	29.5	-
0	26	4	38	0	0	0	0	-23.4k	-6.45k	1.87	-586	234	0	0	0	-23.3k	-6.29k	29.5	-
-156	411	7	38	0	0	0	0	-23.4k	-6.45k	5.16	-523	242	0	0	0	-23.2k	-6.27k	44.3	-
0	26	8	38	0	0	0	0	-23.4k	-6.44k	7.99	-469	248	0	0	0	-23.1k	-6.24k	57.0	-
57.0	434	1	37	0	0	0	0	-29.3k	-7.97k	63.5	-3.70k	236	0	0	0	-28.0k	-7.55k	180	-
0	26	2	37	0	0	0	0	-22.6k	-6.13k	48.9	-2.85k	181	0	0	0	-21.6k	-5.81k	138	-
1.78k	314	3	37	0	0	0	0	-22.6k	-6.13k	48.9	-2.85k	181	0	0	0	-21.6k	-5.81k	138	-
0	26	4	37	0	0	0	0	-22.6k	-6.13k	48.9	-2.85k	181	0	0	0	-21.6k	-5.81k	138	-
1.78k	314	7	37	0	0	0	0	-22.5k	-6.10k	64.6	-2.80k	191	0	0	0	-21.3k	-5.73k	182	-
0	26	8	37	0	0	0	0	-22.4k	-6.07k	78.2	-2.77k	199	0	0	0	-21.1k	-5.67k	220	-
1.64k	335																		
0	26																		
1.51k	354																		

0	26	1	-	-	0	0	0	-30.4k	-9.17k	9.35	-3.71k	275	0	0	0	-28.0k	-7.73k	392
	-203	1.10k																
0	26	2	-	-	0	0	0	-23.4k	-7.06k	7.19	-2.85k	212	0	0	0	-21.5k	-5.94k	302
	-156	843																
0	26	3	-	-	0	0	0	-23.4k	-7.06k	7.19	-2.85k	212	0	0	0	-21.5k	-5.94k	302
	-156	843																
0	26	4	-	-	0	0	0	-23.4k	-7.06k	7.19	-2.85k	212	0	0	0	-21.5k	-5.94k	302
	-156	843																
0	26	7	-	-	0	0	0	-23.4k	-7.01k	12.8	-2.80k	220	0	0	0	-21.3k	-5.86k	337
	57.0	865																
0	26	8	-	-	0	0	0	-23.4k	-6.97k	17.6	-2.75k	227	0	0	0	-21.0k	-5.80k	368
	238	884																
0	27	1	33	0	0	0	0	-30.4k	-9.34k	-145	40.6	936	0	0	0	-30.2k	-8.89k	23.0
	573	1.16k																
0	27	2	33	0	0	0	0	-23.4k	-7.18k	-112	31.2	720	0	0	0	-23.2k	-6.84k	17.7
	441	893																
0	27	3	33	0	0	0	0	-23.4k	-7.18k	-112	31.2	720	0	0	0	-23.2k	-6.84k	17.7
	441	893																
0	27	4	33	0	0	0	0	-23.4k	-7.18k	-112	31.2	720	0	0	0	-23.2k	-6.84k	17.7
	441	893																
0	27	7	33	0	0	0	0	-23.4k	-7.17k	-95.7	95.7	727	0	0	0	-23.2k	-6.80k	44.1
	649	915																
0	27	8	33	0	0	0	0	-23.3k	-7.15k	-81.7	150	733	0	0	0	-23.1k	-6.77k	67.5
	825	934																
0	27	1	34	0	0	0	0	-29.5k	-8.92k	-562	1.99k	699	0	0	0	-28.3k	-8.13k	-330
	3.26k	1.00k																
0	27	2	34	0	0	0	0	-22.7k	-6.86k	-433	1.53k	538	0	0	0	-21.7k	-6.26k	-254
	2.51k	770																
0	27	3	34	0	0	0	0	-22.7k	-6.86k	-433	1.53k	538	0	0	0	-21.7k	-6.26k	-254
	2.51k	770																
0	27	4	34	0	0	0	0	-22.7k	-6.86k	-433	1.53k	538	0	0	0	-21.7k	-6.26k	-254
	2.51k	770																
0	27	7	34	0	0	0	0	-22.5k	-6.80k	-391	1.60k	547	0	0	0	-21.5k	-6.18k	-216
	2.64k	792																
0	27	8	34	0	0	0	0	-22.4k	-6.75k	-354	1.66k	556	0	0	0	-21.2k	-6.11k	-184
	2.74k	810																
0	27	1	39	0	0	0	0	-29.6k	-8.01k	-182	1.99k	247	0	0	0	-28.4k	-7.65k	-57.9
	3.25k	434																
0	27	2	39	0	0	0	0	-22.7k	-6.16k	-140	1.53k	190	0	0	0	-21.8k	-5.88k	-44.6
	2.50k	334																
0	27	3	39	0	0	0	0	-22.7k	-6.16k	-140	1.53k	190	0	0	0	-21.8k	-5.88k	-44.6
	2.50k	334																
0	27	4	39	0	0	0	0	-22.7k	-6.16k	-140	1.53k	190	0	0	0	-21.8k	-5.88k	-44.6
	2.50k	334																
0	27	7	39	0	0	0	0	-22.7k	-6.13k	-113	1.59k	199	0	0	0	-21.6k	-5.81k	-15.3
	2.63k	356																
0	27	8	39	0	0	0	0	-22.6k	-6.11k	-89.8	1.63k	206	0	0	0	-21.4k	-5.75k	14.0
	2.73k	374																
0	27	1	38	0	0	0	0	-30.5k	-8.39k	-28.8	40.8	308	0	0	0	-30.4k	-8.20k	7.99
	573	535																
0	27	2	38	0	0	0	0	-23.4k	-6.45k	-22.2	31.4	237	0	0	0	-23.4k	-6.31k	6.15
	441	411																
0	27	3	38	0	0	0	0	-23.4k	-6.45k	-22.2	31.4	237	0	0	0	-23.4k	-6.31k	6.15
	441	411																
0	27	4	38	0	0	0	0	-23.4k	-6.45k	-22.2	31.4	237	0	0	0	-23.4k	-6.31k	6.15
	441	411																
0	27	7	38	0	0	0	0	-23.4k	-6.45k	-11.4	95.6	244	0	0	0	-23.3k	-6.29k	17.7
	647	434																
0	27	8	38	0	0	0	0	-23.4k	-6.44k	-2.18	150	251	0	0	0	-23.2k	-6.27k	27.6
	822	453																
0	27	1	-	-	0	0	0	-30.4k	-9.22k	-350	40.8	283	0	0	0	-28.4k	-7.84k	14.1
	3.26k	1.11k																
0	27	2	-	-	0	0	0	-23.4k	-7.09k	-269	31.4	217	0	0	0	-21.8k	-6.03k	10.8
	2.51k	857																
0	27	3	-	-	0	0	0	-23.4k	-7.09k	-269	31.4	217	0	0	0	-21.8k	-6.03k	10.8
	2.51k	857																
0	27	4	-	-	0	0	0	-23.4k	-7.09k	-269	31.4	217	0	0	0	-21.8k	-6.03k	10.8
	2.51k	857																
0	27	7	-	-	0	0	0	-23.4k	-7.05k	-241	95.7	225	0	0	0	-21.5k	-5.96k	29.4
	2.63k	880																
0	27	8	-	-	0	0	0	-23.4k	-7.02k	-217	150	232	0	0	0	-21.3k	-5.89k	45.4
	2.74k	899																
0	28	1	34	0	0	0	0	-28.3k	-8.46k	-676	4.20k	532	0	0	0	-26.6k	-7.80k	-367
	5.63k	895																
0	28	2	34	0	0	0	0	-21.8k	-6.51k	-520	3.23k	409	0	0	0	-20.4k	-6.00k	-282
	4.33k	688																
0	28	3	34	0	0	0	0	-21.8k	-6.51k	-520	3.23k	409	0	0	0	-20.4k	-6.00k	-282
	4.33k	688																
0	28	4	34	0	0	0	0	-21.8k	-6.51k	-520	3.23k	409	0	0	0	-20.4k	-6.00k	-282
	4.33k	688																
0	28	7	34	0	0	0	0	-21.7k	-6.45k	-470	3.30k	424	0	0	0	-20.1k	-5.91k	-239
	4.43k	711																
0	28	8	34	0	0	0	0	-21.6k	-6.40k	-427	3.36k	438	0	0	0	-19.9k	-5.83k	-202
	4.52k	730																
0	28	1	35	0	0	0	0	-23.0k	-6.85k	-819	9.39k	-2.48k	0	0	0	-20.0k	-6.20k	-363
	10.9k	13.0k																
0	28	2	35	0	0	0	0	-17.7k	-5.27k	-630	7.22k	-1.91k	0	0	0	-15.4k	-4.77k	-279
	8.40k	9.98k																
0	28	3	35	0	0	0	0	-17.7k	-5.27k	-630	7.22k	-1.91k	0	0	0	-15.4k	-4.77k	-279
	8.40k	9.98k																
0	28	4	35	0	0	0	0	-17.7k	-5.27k	-630	7.22k	-1.91k	0	0	0	-15.4k	-4.77k	-279
	8.40k	9.98k																
0	28	7	35	0	0	0	0	-17.5k	-5.16k	-564	7.34k	-1.72k	0	0	0	-15.1k	-4.67k	-202
	8.64k	11.1k																
0	28	8	35	0	0	0	0	-17.4k	-5.07k	-506	7.44k	-1.55k	0	0	0	-14.8k	-4.58k	-135
	8.83k	12.0k																

0	28	1	40	0	0	0	0	-23.3k	-6.42k	-251	9.18k	-761	0	0	0	-19.9k	-5.31k	-95.0
	11.5k	3.86k																
0	28	2	40	0	0	0	0	-17.9k	-4.94k	-193	7.06k	-585	0	0	0	-15.3k	-4.08k	-73.1
	8.85k	2.97k																
0	28	3	40	0	0	0	0	-17.9k	-4.94k	-193	7.06k	-585	0	0	0	-15.3k	-4.08k	-73.1
	8.85k	2.97k																
0	28	4	40	0	0	0	0	-17.9k	-4.94k	-193	7.06k	-585	0	0	0	-15.3k	-4.08k	-73.1
	8.85k	2.97k																
0	28	7	40	0	0	0	0	-17.8k	-4.90k	-151	7.15k	-497	0	0	0	-15.0k	-3.96k	3.38
	9.07k	3.89k																
0	28	8	40	0	0	0	0	-17.7k	-4.86k	-113	7.23k	-419	0	0	0	-14.8k	-3.86k	73.5
	9.27k	4.71k																
0	28	1	39	0	0	0	0	-28.4k	-7.79k	-189	4.20k	143	0	0	0	-26.7k	-7.21k	-77.5
	5.63k	425																
0	28	2	39	0	0	0	0	-21.9k	-5.99k	-145	3.23k	110	0	0	0	-20.5k	-5.55k	-59.6
	4.33k	327																
0	28	3	39	0	0	0	0	-21.9k	-5.99k	-145	3.23k	110	0	0	0	-20.5k	-5.55k	-59.6
	4.33k	327																
0	28	4	39	0	0	0	0	-21.9k	-5.99k	-145	3.23k	110	0	0	0	-20.5k	-5.55k	-59.6
	4.33k	327																
0	28	7	39	0	0	0	0	-21.8k	-5.95k	-117	3.27k	120	0	0	0	-20.3k	-5.46k	-19.5
	4.41k	349																
0	28	8	39	0	0	0	0	-21.7k	-5.92k	-92.7	3.30k	128	0	0	0	-20.0k	-5.39k	21.3
	4.48k	368																
0	28	1	-	-	0	0	0	-28.4k	-8.03k	-797	4.21k	-1.03k	0	0	0	-21.5k	-6.01k	-95.4
	11.0k	2.45k																
0	28	2	-	-	0	0	0	-21.8k	-6.17k	-613	3.24k	-793	0	0	0	-16.6k	-4.62k	-73.4
	8.45k	1.89k																
0	28	3	-	-	0	0	0	-21.8k	-6.17k	-613	3.24k	-793	0	0	0	-16.6k	-4.62k	-73.4
	8.45k	1.89k																
0	28	4	-	-	0	0	0	-21.8k	-6.17k	-613	3.24k	-793	0	0	0	-16.6k	-4.62k	-73.4
	8.45k	1.89k																
0	28	7	-	-	0	0	0	-21.7k	-6.13k	-553	3.29k	-701	0	0	0	-16.3k	-4.52k	-22.0
	8.67k	2.17k																
0	28	8	-	-	0	0	0	-21.6k	-6.08k	-501	3.34k	-620	0	0	0	-16.0k	-4.44k	27.8
	8.86k	2.42k																
0	29	1	36	0	0	0	0	-23.3k	-6.35k	90.7	-11.1k	-650	0	0	0	-20.0k	-5.82k	110
	9.16k	3.16k																
0	29	2	36	0	0	0	0	-17.9k	-4.89k	69.8	-8.52k	-500	0	0	0	-15.4k	-4.48k	84.4
	7.05k	2.43k																
0	29	3	36	0	0	0	0	-17.9k	-4.89k	69.8	-8.52k	-500	0	0	0	-15.4k	-4.48k	84.4
	7.05k	2.43k																
0	29	4	36	0	0	0	0	-17.9k	-4.89k	69.8	-8.52k	-500	0	0	0	-15.4k	-4.48k	84.4
	7.05k	2.43k																
0	29	7	36	0	0	0	0	-17.8k	-4.85k	104	-8.36k	-398	0	0	0	-15.1k	-4.37k	155
	6.89k	3.49k																
0	29	8	36	0	0	0	0	-17.7k	-4.82k	133	-8.22k	-308	0	0	0	-14.9k	-4.27k	227
	6.75k	4.41k																
0	29	1	37	0	0	0	0	-28.0k	-7.55k	69.5	-6.02k	79.0	0	0	0	-26.4k	-7.13k	96.1
	4.69k	168																
0	29	2	37	0	0	0	0	-21.6k	-5.81k	53.5	-4.63k	60.8	0	0	0	-20.3k	-5.48k	73.9
	3.60k	129																
0	29	3	37	0	0	0	0	-21.6k	-5.81k	53.5	-4.63k	60.8	0	0	0	-20.3k	-5.48k	73.9
	3.60k	129																
0	29	4	37	0	0	0	0	-21.6k	-5.81k	53.5	-4.63k	60.8	0	0	0	-20.3k	-5.48k	73.9
	3.60k	129																
0	29	7	37	0	0	0	0	-21.5k	-5.78k	72.4	-4.59k	70.9	0	0	0	-20.0k	-5.40k	126
	3.52k	154																
0	29	8	37	0	0	0	0	-21.4k	-5.75k	88.8	-4.55k	80.0	0	0	0	-19.8k	-5.33k	171
	3.44k	175																
0	29	1	42	0	0	0	0	-28.1k	-7.52k	30.0	-6.04k	52.7	0	0	0	-26.4k	-7.10k	49.3
	4.68k	104																
0	29	2	42	0	0	0	0	-21.6k	-5.79k	23.0	-4.64k	40.6	0	0	0	-20.3k	-5.46k	37.9
	3.60k	80.0																
0	29	3	42	0	0	0	0	-21.6k	-5.79k	23.0	-4.64k	40.6	0	0	0	-20.3k	-5.46k	37.9
	3.60k	80.0																
0	29	4	42	0	0	0	0	-21.6k	-5.79k	23.0	-4.64k	40.6	0	0	0	-20.3k	-5.46k	37.9
	3.60k	80.0																
0	29	7	42	0	0	0	0	-21.5k	-5.76k	38.3	-4.61k	49.5	0	0	0	-20.0k	-5.38k	87.0
	3.52k	105																
0	29	8	42	0	0	0	0	-21.4k	-5.74k	51.4	-4.58k	57.4	0	0	0	-19.8k	-5.31k	129
	3.44k	126																
0	29	1	41	0	0	0	0	-23.3k	-6.38k	36.5	-11.4k	-368	0	0	0	-19.9k	-5.48k	66.5
	9.17k	1.95k																
0	29	2	41	0	0	0	0	-17.9k	-4.91k	28.1	-8.79k	-283	0	0	0	-15.3k	-4.22k	51.1
	7.05k	1.50k																
0	29	3	41	0	0	0	0	-17.9k	-4.91k	28.1	-8.79k	-283	0	0	0	-15.3k	-4.22k	51.1
	7.05k	1.50k																
0	29	4	41	0	0	0	0	-17.9k	-4.91k	28.1	-8.79k	-283	0	0	0	-15.3k	-4.22k	51.1
	7.05k	1.50k																
0	29	7	41	0	0	0	0	-17.8k	-4.87k	55.0	-8.64k	-203	0	0	0	-15.1k	-4.10k	122
	6.90k	2.52k																
0	29	8	41	0	0	0	0	-17.8k	-4.84k	75.3	-8.51k	-132	0	0	0	-14.8k	-4.00k	184
	6.77k	3.41k																
0	29	1	-	-	0	0	0	-28.0k	-7.53k	36.0	-10.8k	-509	0	0	0	-21.6k	-5.98k	113
	4.69k	590																
0	29	2	-	-	0	0	0	-21.6k	-5.79k	27.7	-8.34k	-391	0	0	0	-16.6k	-4.60k	87.2
	3.60k	454																
0	29	3	-	-	0	0	0	-21.6k	-5.79k	27.7	-8.34k	-391	0	0	0	-16.6k	-4.60k	87.2
	3.60k	454																
0	29	4	-	-	0	0	0	-21.6k	-5.79k	27.7	-8.34k	-391	0	0	0	-16.6k	-4.60k	87.2
	3.60k	454																
0	29	7	-	-	0	0	0	-21.5k	-5.76k	46.7	-8.22k	-300	0	0	0	-16.4k	-4.51k	150
	3.52k	794																
0	29	8	-	-	0	0	0	-21.4k	-5.74k	63.2	-8.11k	-220	0	0	0	-16.1k	-4.43k	206
	3.44k	1.09k																

0	30	1	37	0	0	0	0	-29.3k	-7.90k	54.6	-3.70k	158	0	0	0	-28.0k	-7.54k	82.4	-
2.32k	184																		
0	30	2	37	0	0	0	0	-22.6k	-6.08k	42.0	-2.85k	122	0	0	0	-21.6k	-5.80k	63.4	-
1.78k	142																		
0	30	3	37	0	0	0	0	-22.6k	-6.08k	42.0	-2.85k	122	0	0	0	-21.6k	-5.80k	63.4	-
1.78k	142																		
0	30	4	37	0	0	0	0	-22.6k	-6.08k	42.0	-2.85k	122	0	0	0	-21.6k	-5.80k	63.4	-
1.78k	142																		
0	30	7	37	0	0	0	0	-22.5k	-6.05k	57.1	-2.81k	131	0	0	0	-21.3k	-5.72k	106	-
1.64k	164																		
0	30	8	37	0	0	0	0	-22.4k	-6.03k	70.2	-2.77k	139	0	0	0	-21.1k	-5.66k	143	-
1.51k	183																		
0	30	1	38	0	0	0	0	-30.5k	-8.23k	2.92	-761	213	0	0	0	-30.3k	-8.18k	26.8	
	-202	219																	
0	30	2	38	0	0	0	0	-23.4k	-6.33k	2.25	-586	164	0	0	0	-23.3k	-6.29k	20.6	
	-156	169																	
0	30	3	38	0	0	0	0	-23.4k	-6.33k	2.25	-586	164	0	0	0	-23.3k	-6.29k	20.6	
	-156	169																	
0	30	4	38	0	0	0	0	-23.4k	-6.33k	2.25	-586	164	0	0	0	-23.3k	-6.29k	20.6	
	-156	169																	
0	30	7	38	0	0	0	0	-23.4k	-6.33k	5.27	-523	171	0	0	0	-23.2k	-6.27k	34.8	
	57.0	191																	
0	30	8	38	0	0	0	0	-23.4k	-6.32k	7.89	-469	178	0	0	0	-23.1k	-6.24k	47.0	
	237	211																	
0	30	1	43	0	0	0	0	-30.5k	-8.20k	0.555	-761	135	0	0	0	-30.3k	-8.14k	10.4	
	-202	139																	
0	30	2	43	0	0	0	0	-23.4k	-6.30k	0.427	-585	104	0	0	0	-23.3k	-6.26k	8.01	
	-156	107																	
0	30	3	43	0	0	0	0	-23.4k	-6.30k	0.427	-585	104	0	0	0	-23.3k	-6.26k	8.01	
	-156	107																	
0	30	4	43	0	0	0	0	-23.4k	-6.30k	0.427	-585	104	0	0	0	-23.3k	-6.26k	8.01	
	-156	107																	
0	30	7	43	0	0	0	0	-23.4k	-6.30k	2.69	-524	111	0	0	0	-23.2k	-6.23k	20.6	
	56.9	130																	
0	30	8	43	0	0	0	0	-23.4k	-6.30k	4.64	-472	117	0	0	0	-23.1k	-6.21k	32.0	
	237	149																	
0	30	1	42	0	0	0	0	-29.3k	-7.86k	23.6	-3.70k	103	0	0	0	-28.0k	-7.52k	45.2	-
2.32k	116																		
0	30	2	42	0	0	0	0	-22.6k	-6.05k	18.1	-2.85k	79.6	0	0	0	-21.6k	-5.78k	34.8	-
1.78k	89.2																		
0	30	3	42	0	0	0	0	-22.6k	-6.05k	18.1	-2.85k	79.6	0	0	0	-21.6k	-5.78k	34.8	-
1.78k	89.2																		
0	30	4	42	0	0	0	0	-22.6k	-6.05k	18.1	-2.85k	79.6	0	0	0	-21.6k	-5.78k	34.8	-
1.78k	89.2																		
0	30	7	42	0	0	0	0	-22.5k	-6.03k	29.7	-2.81k	87.5	0	0	0	-21.3k	-5.71k	75.5	-
1.64k	112																		
0	30	8	42	0	0	0	0	-22.4k	-6.01k	39.8	-2.78k	94.3	0	0	0	-21.1k	-5.64k	112	-
1.51k	131																		
0	30	1	-	-	0	0	0	-30.5k	-8.20k	2.36	-3.70k	115	0	0	0	-28.0k	-7.53k	61.0	
	-202	213																	
0	30	2	-	-	0	0	0	-23.4k	-6.31k	1.82	-2.85k	88.2	0	0	0	-21.6k	-5.79k	47.0	
	-156	164																	
0	30	3	-	-	0	0	0	-23.4k	-6.31k	1.82	-2.85k	88.2	0	0	0	-21.6k	-5.79k	47.0	
	-156	164																	
0	30	4	-	-	0	0	0	-23.4k	-6.31k	1.82	-2.85k	88.2	0	0	0	-21.6k	-5.79k	47.0	
	-156	164																	
0	30	7	-	-	0	0	0	-23.4k	-6.31k	4.59	-2.81k	95.9	0	0	0	-21.3k	-5.72k	88.4	
	56.9	187																	
0	30	8	-	-	0	0	0	-23.4k	-6.30k	6.98	-2.77k	103	0	0	0	-21.1k	-5.65k	124	
	237	206																	
0	31	1	38	0	0	0	0	-30.5k	-8.23k	-20.2	40.8	216	0	0	0	-30.4k	-8.20k	2.93	
	573	219																	
0	31	2	38	0	0	0	0	-23.4k	-6.33k	-15.6	31.4	166	0	0	0	-23.4k	-6.31k	2.25	
	441	169																	
0	31	3	38	0	0	0	0	-23.4k	-6.33k	-15.6	31.4	166	0	0	0	-23.4k	-6.31k	2.25	
	441	169																	
0	31	4	38	0	0	0	0	-23.4k	-6.33k	-15.6	31.4	166	0	0	0	-23.4k	-6.31k	2.25	
	441	169																	
0	31	7	38	0	0	0	0	-23.4k	-6.33k	-7.10	95.6	173	0	0	0	-23.3k	-6.29k	8.10	
	647	191																	
0	31	8	38	0	0	0	0	-23.4k	-6.32k	0.201	150	180	0	0	0	-23.2k	-6.27k	13.3	
	822	211																	
0	31	1	39	0	0	0	0	-29.6k	-7.96k	-77.5	1.99k	172	0	0	0	-28.4k	-7.64k	-53.1	
	3.25k	190																	
0	31	2	39	0	0	0	0	-22.7k	-6.13k	-59.6	1.53k	132	0	0	0	-21.9k	-5.88k	-40.8	
	2.50k	146																	
0	31	3	39	0	0	0	0	-22.7k	-6.13k	-59.6	1.53k	132	0	0	0	-21.9k	-5.88k	-40.8	
	2.50k	146																	
0	31	4	39	0	0	0	0	-22.7k	-6.13k	-59.6	1.53k	132	0	0	0	-21.9k	-5.88k	-40.8	
	2.50k	146																	
0	31	7	39	0	0	0	0	-22.7k	-6.10k	-40.7	1.59k	140	0	0	0	-21.6k	-5.80k	-8.43	
	2.62k	169																	
0	31	8	39	0	0	0	0	-22.6k	-6.08k	-24.3	1.63k	147	0	0	0	-21.4k	-5.74k	23.9	
	2.72k	188																	
0	31	1	44	0	0	0	0	-29.6k	-7.92k	-40.9	1.99k	108	0	0	0	-28.4k	-7.61k	-21.5	
	3.25k	120																	
0	31	2	44	0	0	0	0	-22.7k	-6.09k	-31.5	1.53k	83.3	0	0	0	-21.9k	-5.86k	-16.6	
	2.50k	92.3																	
0	31	3	44	0	0	0	0	-22.7k	-6.09k	-31.5	1.53k	83.3	0	0	0	-21.9k	-5.86k	-16.6	
	2.50k	92.3																	
0	31	4	44	0	0	0	0	-22.7k	-6.09k	-31.5	1.53k	83.3	0	0	0	-21.9k	-5.86k	-16.6	
	2.50k	92.3																	
0	31	7	44	0	0	0	0	-22.7k	-6.08k	-16.0	1.58k	91.0	0	0	0	-21.6k	-5.79k	16.4	
	2.62k	115																	
0	31	8	44	0	0	0	0	-22.6k	-6.06k	-2.54	1.62k	97.6	0	0	0	-21.4k	-5.73k	50.2	
	2.72k	134																	

0	31	1	43	0	0	0	0	-30.5k	-8.20k	-7.21	40.8	137	0	0	0	-30.4k	-8.16k	2.04
	573	139																
0	31	2	43	0	0	0	0	-23.4k	-6.30k	-5.55	31.4	105	0	0	0	-23.4k	-6.28k	1.57
	441	107																
0	31	3	43	0	0	0	0	-23.4k	-6.30k	-5.55	31.4	105	0	0	0	-23.4k	-6.28k	1.57
	441	107																
0	31	4	43	0	0	0	0	-23.4k	-6.30k	-5.55	31.4	105	0	0	0	-23.4k	-6.28k	1.57
	441	107																
0	31	7	43	0	0	0	0	-23.4k	-6.30k	-0.576	95.5	112	0	0	0	-23.3k	-6.26k	4.85
	646	130																
0	31	8	43	0	0	0	0	-23.4k	-6.30k	2.14	150	118	0	0	0	-23.2k	-6.24k	13.3
	821	149																
0	31	1	-	-	0	0	0	-30.5k	-8.20k	-53.1	40.8	120	0	0	0	-28.4k	-7.63k	2.38
	3.25k	216																
0	31	2	-	-	0	0	0	-23.4k	-6.31k	-40.8	31.4	92.3	0	0	0	-21.9k	-5.87k	1.83
	2.50k	166																
0	31	3	-	-	0	0	0	-23.4k	-6.31k	-40.8	31.4	92.3	0	0	0	-21.9k	-5.87k	1.83
	2.50k	166																
0	31	4	-	-	0	0	0	-23.4k	-6.31k	-40.8	31.4	92.3	0	0	0	-21.9k	-5.87k	1.83
	2.50k	166																
0	31	7	-	-	0	0	0	-23.4k	-6.31k	-25.2	95.5	99.9	0	0	0	-21.6k	-5.80k	9.90
	2.62k	189																
0	31	8	-	-	0	0	0	-23.4k	-6.30k	-13.0	150	106	0	0	0	-21.4k	-5.74k	33.1
	2.72k	208																
0	32	1	39	0	0	0	0	-28.4k	-7.65k	-93.6	4.20k	90.6	0	0	0	-26.7k	-7.21k	-65.5
	5.61k	176																
0	32	2	39	0	0	0	0	-21.9k	-5.88k	-72.0	3.23k	69.7	0	0	0	-20.6k	-5.55k	-50.4
	4.32k	135																
0	32	3	39	0	0	0	0	-21.9k	-5.88k	-72.0	3.23k	69.7	0	0	0	-20.6k	-5.55k	-50.4
	4.32k	135																
0	32	4	39	0	0	0	0	-21.9k	-5.88k	-72.0	3.23k	69.7	0	0	0	-20.6k	-5.55k	-50.4
	4.32k	135																
0	32	7	39	0	0	0	0	-21.8k	-5.85k	-48.7	3.27k	78.1	0	0	0	-20.3k	-5.47k	-10.4
	4.40k	160																
0	32	8	39	0	0	0	0	-21.7k	-5.83k	-28.5	3.30k	85.6	0	0	0	-20.0k	-5.40k	28.8
	4.47k	182																
0	32	1	40	0	0	0	0	-23.3k	-6.35k	-108	9.11k	-590	0	0	0	-20.0k	-5.80k	-94.8
	11.0k	2.89k																
0	32	2	40	0	0	0	0	-17.9k	-4.88k	-82.8	7.01k	-454	0	0	0	-15.4k	-4.46k	-72.9
	8.46k	2.22k																
0	32	3	40	0	0	0	0	-17.9k	-4.88k	-82.8	7.01k	-454	0	0	0	-15.4k	-4.46k	-72.9
	8.46k	2.22k																
0	32	4	40	0	0	0	0	-17.9k	-4.88k	-82.8	7.01k	-454	0	0	0	-15.4k	-4.46k	-72.9
	8.46k	2.22k																
0	32	7	40	0	0	0	0	-17.8k	-4.85k	-52.5	7.10k	-362	0	0	0	-15.1k	-4.35k	4.53
	8.70k	3.18k																
0	32	8	40	0	0	0	0	-17.7k	-4.82k	-26.2	7.18k	-281	0	0	0	-14.9k	-4.26k	75.0
	8.89k	4.01k																
0	32	1	45	0	0	0	0	-23.3k	-6.38k	-66.1	9.14k	-339	0	0	0	-19.9k	-5.49k	-37.7
	11.3k	1.80k																
0	32	2	45	0	0	0	0	-17.9k	-4.91k	-50.8	7.03k	-261	0	0	0	-15.3k	-4.22k	-29.0
	8.69k	1.38k																
0	32	3	45	0	0	0	0	-17.9k	-4.91k	-50.8	7.03k	-261	0	0	0	-15.3k	-4.22k	-29.0
	8.69k	1.38k																
0	32	4	45	0	0	0	0	-17.9k	-4.91k	-50.8	7.03k	-261	0	0	0	-15.3k	-4.22k	-29.0
	8.69k	1.38k																
0	32	7	45	0	0	0	0	-17.8k	-4.87k	-23.3	7.10k	-189	0	0	0	-15.1k	-4.11k	49.6
	8.91k	2.29k																
0	32	8	45	0	0	0	0	-17.8k	-4.84k	0.751	7.16k	-126	0	0	0	-14.8k	-4.01k	119
	9.10k	3.09k																
0	32	1	44	0	0	0	0	-28.4k	-7.62k	-46.5	4.20k	59.5	0	0	0	-26.7k	-7.18k	-28.1
	5.62k	109																
0	32	2	44	0	0	0	0	-21.9k	-5.86k	-35.8	3.23k	45.8	0	0	0	-20.6k	-5.53k	-21.6
	4.32k	84.1																
0	32	3	44	0	0	0	0	-21.9k	-5.86k	-35.8	3.23k	45.8	0	0	0	-20.6k	-5.53k	-21.6
	4.32k	84.1																
0	32	4	44	0	0	0	0	-21.9k	-5.86k	-35.8	3.23k	45.8	0	0	0	-20.6k	-5.53k	-21.6
	4.32k	84.1																
0	32	7	44	0	0	0	0	-21.8k	-5.84k	-17.9	3.26k	52.8	0	0	0	-20.3k	-5.45k	22.3
	4.40k	109																
0	32	8	44	0	0	0	0	-21.7k	-5.81k	-2.76	3.29k	59.0	0	0	0	-20.0k	-5.38k	64.4
	4.47k	130																
0	32	1	-	-	0	0	0	-28.4k	-7.63k	-112	4.20k	-465	0	0	0	-21.6k	-5.98k	-35.1
	10.9k	734																
0	32	2	-	-	0	0	0	-21.9k	-5.87k	-85.8	3.23k	-357	0	0	0	-16.6k	-4.60k	-27.0
	8.35k	565																
0	32	3	-	-	0	0	0	-21.9k	-5.87k	-85.8	3.23k	-357	0	0	0	-16.6k	-4.60k	-27.0
	8.35k	565																
0	32	4	-	-	0	0	0	-21.9k	-5.87k	-85.8	3.23k	-357	0	0	0	-16.6k	-4.60k	-27.0
	8.35k	565																
0	32	7	-	-	0	0	0	-21.8k	-5.84k	-57.1	3.27k	-275	0	0	0	-16.4k	-4.50k	27.9
	8.55k	895																
0	32	8	-	-	0	0	0	-21.7k	-5.82k	-32.1	3.30k	-204	0	0	0	-16.1k	-4.42k	83.4
	8.73k	1.18k																
0	33	1	41	0	0	0	0	-23.3k	-6.36k	27.1	-11.2k	-136	0	0	0	-20.0k	-5.66k	41.2
	9.16k	813																-
0	33	2	41	0	0	0	0	-17.9k	-4.89k	20.9	-8.64k	-105	0	0	0	-15.4k	-4.35k	31.7
	7.05k	626																-
0	33	3	41	0	0	0	0	-17.9k	-4.89k	20.9	-8.64k	-105	0	0	0	-15.4k	-4.35k	31.7
	7.05k	626																-
0	33	4	41	0	0	0	0	-17.9k	-4.89k	20.9	-8.64k	-105	0	0	0	-15.4k	-4.35k	31.7
	7.05k	626																-
0	33	7	41	0	0	0	0	-17.8k	-4.86k	43.7	-8.52k	-35.6	0	0	0	-15.1k	-4.24k	111
	6.89k	1.63k																-
0	33	8	41	0	0	0	0	-17.8k	-4.83k	63.7	-8.41k	22.6	0	0	0	-14.9k	-4.14k	183
	6.76k	2.51k																-

0	33	1	42	0	0	0	0	-28.1k	-7.52k	17.9	-6.03k	21.4	0	0	0	-26.4k	-7.10k	35.3	-
4.69k	42.6	2	42	0	0	0	0	-21.6k	-5.78k	13.7	-4.64k	16.4	0	0	0	-20.3k	-5.46k	27.2	-
0	33	3	42	0	0	0	0	-21.6k	-5.78k	13.7	-4.64k	16.4	0	0	0	-20.3k	-5.46k	27.2	-
3.60k	32.7	4	42	0	0	0	0	-21.6k	-5.78k	13.7	-4.64k	16.4	0	0	0	-20.3k	-5.46k	27.2	-
0	33	7	42	0	0	0	0	-21.5k	-5.76k	27.8	-4.61k	24.0	0	0	0	-20.0k	-5.38k	77.8	-
3.52k	57.9	8	42	0	0	0	0	-21.4k	-5.74k	40.0	-4.58k	30.8	0	0	0	-19.8k	-5.31k	122	-
0	33	1	47	0	0	0	0	-28.1k	-7.51k	-22.8	-6.03k	-19.4	0	0	0	-26.4k	-7.10k	-7.23	-
3.44k	83.8	2	47	0	0	0	0	-21.6k	-5.78k	-17.5	-4.64k	-14.9	0	0	0	-20.3k	-5.46k	-5.57	-
0	33	3	47	0	0	0	0	-21.6k	-5.78k	-17.5	-4.64k	-14.9	0	0	0	-20.3k	-5.46k	-5.57	-
4.69k	-8.69	4	47	0	0	0	0	-21.6k	-5.78k	-17.5	-4.64k	-14.9	0	0	0	-20.3k	-5.46k	-5.57	-
0	33	7	47	0	0	0	0	-21.5k	-5.76k	-1.70	-4.61k	-7.24	0	0	0	-20.0k	-5.38k	41.7	-
3.60k	-6.69	8	47	0	0	0	0	-21.4k	-5.74k	10.6	-4.58k	-0.570	0	0	0	-19.8k	-5.31k	83.2	-
0	33	1	46	0	0	0	0	-23.3k	-6.36k	-24.9	-11.3k	-305	0	0	0	-20.0k	-5.62k	-8.61	-
3.44k	46.5	2	46	0	0	0	0	-17.9k	-4.89k	-19.1	-8.67k	-234	0	0	0	-15.3k	-4.32k	-6.62	-
9.16k	88.1	3	46	0	0	0	0	-17.9k	-4.89k	-19.1	-8.67k	-234	0	0	0	-15.3k	-4.32k	-6.62	-
0	33	4	46	0	0	0	0	-17.9k	-4.89k	-19.1	-8.67k	-234	0	0	0	-15.3k	-4.32k	-6.62	-
7.05k	67.8	7	46	0	0	0	0	-17.8k	-4.86k	2.48	-8.54k	46.6	0	0	0	-15.1k	-4.21k	66.8	-
0	33	8	46	0	0	0	0	-17.8k	-4.82k	21.3	-8.43k	115	0	0	0	-14.9k	-4.11k	139	-
3.52k	19.6	1	-	-	0	0	0	-28.1k	-7.51k	-25.7	-10.8k	-76.5	0	0	0	-21.6k	-5.97k	42.0	-
0	33	2	-	-	0	0	0	-21.6k	-5.78k	-19.8	-8.34k	-58.9	0	0	0	-16.6k	-4.60k	32.3	-
4.68k	202	3	-	-	0	0	0	-21.6k	-5.78k	-19.8	-8.34k	-58.9	0	0	0	-16.6k	-4.60k	32.3	-
0	33	4	-	-	0	0	0	-21.6k	-5.78k	-19.8	-8.34k	-58.9	0	0	0	-16.6k	-4.60k	32.3	-
3.60k	155	7	-	-	0	0	0	-21.5k	-5.76k	-0.217	-8.28k	-2.50	0	0	0	-16.4k	-4.50k	93.8	-
0	33	8	-	-	0	0	0	-21.4k	-5.74k	15.0	-8.22k	7.03	0	0	0	-16.2k	-4.42k	149	-
3.45k	776	1	42	0	0	0	0	-29.3k	-7.86k	14.1	-3.70k	34.6	0	0	0	-28.1k	-7.51k	29.9	-
0	34	2	42	0	0	0	0	-22.6k	-6.05k	10.8	-2.85k	26.6	0	0	0	-21.6k	-5.78k	23.0	-
2.32k	48.2	3	42	0	0	0	0	-22.6k	-6.05k	10.8	-2.85k	26.6	0	0	0	-21.6k	-5.78k	23.0	-
0	34	4	42	0	0	0	0	-22.6k	-6.05k	10.8	-2.85k	26.6	0	0	0	-21.6k	-5.78k	23.0	-
1.78k	37.1	7	42	0	0	0	0	-22.5k	-6.03k	21.8	-2.81k	34.3	0	0	0	-21.3k	-5.71k	64.8	-
0	34	8	42	0	0	0	0	-22.4k	-6.01k	31.2	-2.78k	41.0	0	0	0	-21.1k	-5.64k	101	-
1.78k	37.1	1	43	0	0	0	0	-30.5k	-8.19k	0.763	-761	56.7	0	0	0	-30.3k	-8.14k	10.1	-
0	34	2	43	0	0	0	0	-23.4k	-6.30k	0.587	-585	43.6	0	0	0	-23.3k	-6.26k	7.74	-
0	-156	3	43	0	0	0	0	-23.4k	-6.30k	0.587	-585	43.6	0	0	0	-23.3k	-6.26k	7.74	-
0	-156	4	43	0	0	0	0	-23.4k	-6.30k	0.587	-585	43.6	0	0	0	-23.3k	-6.26k	7.74	-
0	-156	7	43	0	0	0	0	-23.4k	-6.29k	2.32	-524	50.6	0	0	0	-23.2k	-6.23k	20.9	-
0	34	8	43	0	0	0	0	-23.4k	-6.29k	3.81	-472	56.6	0	0	0	-23.1k	-6.21k	32.3	-
0	237	1	48	0	0	0	0	-30.5k	-8.18k	-6.39	-761	-22.0	0	0	0	-30.3k	-8.13k	-0.288	-
0	-202	2	48	0	0	0	0	-23.4k	-6.29k	-4.92	-585	-16.9	0	0	0	-23.3k	-6.26k	-0.222	-
0	-156	3	48	0	0	0	0	-23.4k	-6.29k	-4.92	-585	-16.9	0	0	0	-23.3k	-6.26k	-0.222	-
0	-156	4	48	0	0	0	0	-23.4k	-6.29k	-4.92	-585	-16.9	0	0	0	-23.3k	-6.26k	-0.222	-
0	-156	7	48	0	0	0	0	-23.4k	-6.29k	0.225	-525	-10.1	0	0	0	-23.2k	-6.23k	8.25	-
0	34	8	48	0	0	0	0	-23.4k	-6.29k	1.58	-473	-4.15	0	0	0	-23.1k	-6.21k	19.2	-
0	237	1	47	0	0	0	0	-29.3k	-7.86k	-19.2	-3.70k	-19.5	0	0	0	-28.1k	-7.51k	-3.77	-
2.32k	-10.9	2	47	0	0	0	0	-22.6k	-6.04k	-14.8	-2.85k	-15.0	0	0	0	-21.6k	-5.78k	-2.90	-
0	34	3	47	0	0	0	0	-22.6k	-6.04k	-14.8	-2.85k	-15.0	0	0	0	-21.6k	-5.78k	-2.90	-
1.78k	-8.42	4	47	0	0	0	0	-22.6k	-6.04k	-14.8	-2.85k	-15.0	0	0	0	-21.6k	-5.78k	-2.90	-
0	34	7	47	0	0	0	0	-22.5k	-6.02k	-1.03	-2.81k	-8.15	0	0	0	-21.3k	-5.71k	36.5	-
1.64k	15.1	8	47	0	0	0	0	-22.4k	-6.01k	8.62	-2.79k	-2.17	0	0	0	-21.1k	-5.64k	70.9	-
0	34																		
1.51k	35.7																		

0	34	1	-	-	0	0	0	-30.5k	-8.18k	-12.8	-3.70k	-21.5	0	0	0	-28.1k	-7.51k	20.1
	-202	56.7																
0	34	2	-	-	0	0	0	-23.4k	-6.29k	-9.81	-2.85k	-16.6	0	0	0	-21.6k	-5.78k	15.5
	-156	43.6																
0	34	3	-	-	0	0	0	-23.4k	-6.29k	-9.81	-2.85k	-16.6	0	0	0	-21.6k	-5.78k	15.5
	-156	43.6																
0	34	4	-	-	0	0	0	-23.4k	-6.29k	-9.81	-2.85k	-16.6	0	0	0	-21.6k	-5.78k	15.5
	-156	43.6																
0	34	7	-	-	0	0	0	-23.4k	-6.29k	-0.514	-2.81k	-9.70	0	0	0	-21.3k	-5.71k	48.5
	56.8	66.3																
0	34	8	-	-	0	0	0	-23.4k	-6.29k	1.82	-2.79k	-3.75	0	0	0	-21.1k	-5.64k	83.2
	237	86.0																
0	35	1	43	0	0	0	0	-30.5k	-8.19k	-7.63	40.8	57.4	0	0	0	-30.4k	-8.16k	0.765
	573	58.4																
0	35	2	43	0	0	0	0	-23.4k	-6.30k	-5.87	31.4	44.2	0	0	0	-23.4k	-6.28k	0.588
	441	44.9																
0	35	3	43	0	0	0	0	-23.4k	-6.30k	-5.87	31.4	44.2	0	0	0	-23.4k	-6.28k	0.588
	441	44.9																
0	35	4	43	0	0	0	0	-23.4k	-6.30k	-5.87	31.4	44.2	0	0	0	-23.4k	-6.28k	0.588
	441	44.9																
0	35	7	43	0	0	0	0	-23.4k	-6.29k	-0.889	95.5	51.1	0	0	0	-23.3k	-6.26k	4.40
	646	67.7																
0	35	8	43	0	0	0	0	-23.4k	-6.29k	1.83	150	57.1	0	0	0	-23.2k	-6.24k	13.0
	821	87.4																
0	35	1	44	0	0	0	0	-29.6k	-7.92k	-28.1	1.99k	44.8	0	0	0	-28.4k	-7.61k	-13.2
	3.25k	50.0																
0	35	2	44	0	0	0	0	-22.7k	-6.09k	-21.6	1.53k	34.4	0	0	0	-21.9k	-5.86k	-10.2
	2.50k	38.5																
0	35	3	44	0	0	0	0	-22.7k	-6.09k	-21.6	1.53k	34.4	0	0	0	-21.9k	-5.86k	-10.2
	2.50k	38.5																
0	35	4	44	0	0	0	0	-22.7k	-6.09k	-21.6	1.53k	34.4	0	0	0	-21.9k	-5.86k	-10.2
	2.50k	38.5																
0	35	7	44	0	0	0	0	-22.7k	-6.08k	-7.41	1.58k	41.4	0	0	0	-21.6k	-5.79k	25.7
	2.62k	60.8																
0	35	8	44	0	0	0	0	-22.6k	-6.06k	3.71	1.62k	47.4	0	0	0	-21.4k	-5.73k	59.1
	2.72k	80.8																
0	35	1	49	0	0	0	0	-29.6k	-7.92k	4.69	1.99k	-19.9	0	0	0	-28.4k	-7.61k	18.0
	3.25k	-16.9																
0	35	2	49	0	0	0	0	-22.7k	-6.09k	3.61	1.53k	-15.3	0	0	0	-21.9k	-5.85k	13.8
	2.50k	-13.0																
0	35	3	49	0	0	0	0	-22.7k	-6.09k	3.61	1.53k	-15.3	0	0	0	-21.9k	-5.85k	13.8
	2.50k	-13.0																
0	35	4	49	0	0	0	0	-22.7k	-6.09k	3.61	1.53k	-15.3	0	0	0	-21.9k	-5.85k	13.8
	2.50k	-13.0																
0	35	7	49	0	0	0	0	-22.7k	-6.07k	13.4	1.58k	-8.49	0	0	0	-21.6k	-5.78k	52.6
	2.62k	9.67																
0	35	8	49	0	0	0	0	-22.6k	-6.06k	21.9	1.62k	-2.56	0	0	0	-21.4k	-5.73k	86.0
	2.72k	31.5																
0	35	1	48	0	0	0	0	-30.5k	-8.18k	-0.289	40.8	-22.0	0	0	0	-30.4k	-8.15k	4.85
	573	-21.7																
0	35	2	48	0	0	0	0	-23.4k	-6.29k	-0.222	31.4	-16.9	0	0	0	-23.4k	-6.27k	3.73
	441	-16.7																
0	35	3	48	0	0	0	0	-23.4k	-6.29k	-0.222	31.4	-16.9	0	0	0	-23.4k	-6.27k	3.73
	441	-16.7																
0	35	4	48	0	0	0	0	-23.4k	-6.29k	-0.222	31.4	-16.9	0	0	0	-23.4k	-6.27k	3.73
	441	-16.7																
0	35	7	48	0	0	0	0	-23.4k	-6.29k	0.745	95.5	-10.1	0	0	0	-23.3k	-6.25k	13.6
	646	6.00																
0	35	8	48	0	0	0	0	-23.4k	-6.29k	1.38	150	-4.15	0	0	0	-23.2k	-6.24k	22.1
	821	25.7																
0	35	1	-	-	0	0	0	-30.5k	-8.18k	-17.9	40.8	-21.7	0	0	0	-28.4k	-7.61k	11.3
	3.25k	57.4																
0	35	2	-	-	0	0	0	-23.4k	-6.29k	-13.8	31.4	-16.7	0	0	0	-21.9k	-5.85k	8.72
	2.50k	44.2																
0	35	3	-	-	0	0	0	-23.4k	-6.29k	-13.8	31.4	-16.7	0	0	0	-21.9k	-5.85k	8.72
	2.50k	44.2																
0	35	4	-	-	0	0	0	-23.4k	-6.29k	-13.8	31.4	-16.7	0	0	0	-21.9k	-5.85k	8.72
	2.50k	44.2																
0	35	7	-	-	0	0	0	-23.4k	-6.29k	-4.56	95.5	-9.86	0	0	0	-21.6k	-5.78k	34.5
	2.62k	66.9																
0	35	8	-	-	0	0	0	-23.4k	-6.29k	1.06	150	-3.91	0	0	0	-21.4k	-5.72k	67.7
	2.72k	86.6																
0	36	1	44	0	0	0	0	-28.4k	-7.61k	-34.4	4.20k	24.0	0	0	0	-26.7k	-7.19k	-16.8
	5.62k	44.9																
0	36	2	44	0	0	0	0	-21.9k	-5.86k	-26.4	3.23k	18.5	0	0	0	-20.6k	-5.53k	-13.0
	4.32k	34.5																
0	36	3	44	0	0	0	0	-21.9k	-5.86k	-26.4	3.23k	18.5	0	0	0	-20.6k	-5.53k	-13.0
	4.32k	34.5																
0	36	4	44	0	0	0	0	-21.9k	-5.86k	-26.4	3.23k	18.5	0	0	0	-20.6k	-5.53k	-13.0
	4.32k	34.5																
0	36	7	44	0	0	0	0	-21.8k	-5.83k	-8.63	3.26k	24.2	0	0	0	-20.3k	-5.45k	30.2
	4.40k	59.3																
0	36	8	44	0	0	0	0	-21.7k	-5.81k	3.96	3.29k	29.2	0	0	0	-20.0k	-5.38k	69.1
	4.47k	84.2																
0	36	1	45	0	0	0	0	-23.3k	-6.36k	-40.5	9.12k	-126	0	0	0	-20.0k	-5.65k	-26.7
	11.1k	750																
0	36	2	45	0	0	0	0	-17.9k	-4.89k	-31.1	7.02k	-96.9	0	0	0	-15.4k	-4.35k	-20.5
	8.56k	577																
0	36	3	45	0	0	0	0	-17.9k	-4.89k	-31.1	7.02k	-96.9	0	0	0	-15.4k	-4.35k	-20.5
	8.56k	577																
0	36	4	45	0	0	0	0	-17.9k	-4.89k	-31.1	7.02k	-96.9	0	0	0	-15.4k	-4.35k	-20.5
	8.56k	577																
0	36	7	45	0	0	0	0	-17.8k	-4.86k	-7.94	7.08k	-36.4	0	0	0	-15.1k	-4.24k	50.5
	8.79k	1.47k																
0	36	8	45	0	0	0	0	-17.8k	-4.83k	12.2	7.14k	16.1	0	0	0	-14.9k	-4.14k	120
	8.98k	2.25k																

	36	1	50	0	0	0	0	-23.3k	-6.36k	8.61	9.13k	-271	0	0	0	-20.0k	-5.62k	24.5	
	11.2k	77.8																	
0	36	2	50	0	0	0	0	-17.9k	-4.89k	6.62	7.02k	-209	0	0	0	-15.3k	-4.32k	18.8	
	8.59k	59.8																	
0	36	3	50	0	0	0	0	-17.9k	-4.89k	6.62	7.02k	-209	0	0	0	-15.3k	-4.32k	18.8	
	8.59k	59.8																	
0	36	4	50	0	0	0	0	-17.9k	-4.89k	6.62	7.02k	-209	0	0	0	-15.3k	-4.32k	18.8	
	8.59k	59.8																	
0	36	7	50	0	0	0	0	-17.8k	-4.86k	26.9	7.09k	41.2	0	0	0	-15.1k	-4.21k	97.3	
	8.81k	706																	
0	36	8	50	0	0	0	0	-17.8k	-4.83k	44.6	7.14k	118	0	0	0	-14.9k	-4.11k	167	
	9.00k	1.51k																	
0	36	1	49	0	0	0	0	-28.4k	-7.61k	6.77	4.20k	-19.9	0	0	0	-26.7k	-7.18k	22.3	
	5.61k	-10.5																	
0	36	2	49	0	0	0	0	-21.9k	-5.85k	5.21	3.23k	-15.3	0	0	0	-20.6k	-5.53k	17.1	
	4.32k	-8.10																	
0	36	3	49	0	0	0	0	-21.9k	-5.85k	5.21	3.23k	-15.3	0	0	0	-20.6k	-5.53k	17.1	
	4.32k	-8.10																	
0	36	4	49	0	0	0	0	-21.9k	-5.85k	5.21	3.23k	-15.3	0	0	0	-20.6k	-5.53k	17.1	
	4.32k	-8.10																	
0	36	7	49	0	0	0	0	-21.8k	-5.83k	17.3	3.26k	-7.62	0	0	0	-20.3k	-5.44k	65.5	
	4.40k	17.5																	
0	36	8	49	0	0	0	0	-21.7k	-5.81k	27.8	3.29k	-0.930	0	0	0	-20.0k	-5.38k	107	
	4.47k	43.6																	
0	36	1	-	-	0	0	0	-28.4k	-7.61k	-41.3	4.20k	-78.1	0	0	0	-21.6k	-5.97k	25.5	
	10.9k	226																	
0	36	2	-	-	0	0	0	-21.9k	-5.85k	-31.8	3.23k	-60.1	0	0	0	-16.6k	-4.59k	19.6	
	8.35k	174																	
0	36	3	-	-	0	0	0	-21.9k	-5.85k	-31.8	3.23k	-60.1	0	0	0	-16.6k	-4.59k	19.6	
	8.35k	174																	
0	36	4	-	-	0	0	0	-21.9k	-5.85k	-31.8	3.23k	-60.1	0	0	0	-16.6k	-4.59k	19.6	
	8.35k	174																	
0	36	7	-	-	0	0	0	-21.8k	-5.83k	-9.83	3.26k	-9.35	0	0	0	-16.4k	-4.50k	78.6	
	8.55k	488																	
0	36	8	-	-	0	0	0	-21.7k	-5.81k	7.18	3.29k	2.70	0	0	0	-16.1k	-4.42k	131	
	8.71k	763																	
0	37	1	46	0	0	0	0	-23.3k	-6.38k	-133	-11.4k	-1.53k	0	0	0	-19.9k	-5.48k	-20.6	-
	9.17k	476																	
0	37	2	46	0	0	0	0	-17.9k	-4.90k	-103	-8.79k	-1.18k	0	0	0	-15.3k	-4.22k	-15.9	-
	7.05k	366																	
0	37	3	46	0	0	0	0	-17.9k	-4.90k	-103	-8.79k	-1.18k	0	0	0	-15.3k	-4.22k	-15.9	-
	7.05k	366																	
0	37	4	46	0	0	0	0	-17.9k	-4.90k	-103	-8.79k	-1.18k	0	0	0	-15.3k	-4.22k	-15.9	-
	7.05k	366																	
0	37	7	46	0	0	0	0	-17.8k	-4.87k	-69.4	-8.63k	-810	0	0	0	-15.1k	-4.10k	65.6	-
	6.90k	505																	
0	37	8	46	0	0	0	0	-17.8k	-4.84k	-40.3	-8.49k	-487	0	0	0	-14.8k	-3.99k	138	-
	6.77k	679																	
0	37	1	47	0	0	0	0	-28.1k	-7.57k	-111	-6.07k	-242	0	0	0	-26.3k	-7.09k	-18.9	-
	4.68k	-47.4																	
0	37	2	47	0	0	0	0	-21.6k	-5.82k	-85.2	-4.67k	-186	0	0	0	-20.3k	-5.45k	-14.6	-
	3.60k	-36.5																	
0	37	3	47	0	0	0	0	-21.6k	-5.82k	-85.2	-4.67k	-186	0	0	0	-20.3k	-5.45k	-14.6	-
	3.60k	-36.5																	
0	37	4	47	0	0	0	0	-21.6k	-5.82k	-85.2	-4.67k	-186	0	0	0	-20.3k	-5.45k	-14.6	-
	3.60k	-36.5																	
0	37	7	47	0	0	0	0	-21.5k	-5.79k	-62.6	-4.63k	-176	0	0	0	-20.0k	-5.37k	32.7	-
	3.51k	-15.9																	
0	37	8	47	0	0	0	0	-21.4k	-5.76k	-42.9	-4.61k	-168	0	0	0	-19.7k	-5.30k	76.1	-
	3.44k	2.43																	
0	37	1	52	0	0	0	0	-28.0k	-8.07k	-496	-5.94k	-698	0	0	0	-26.5k	-7.50k	-283	-
	4.69k	-387																	
0	37	2	52	0	0	0	0	-21.5k	-6.21k	-381	-4.57k	-537	0	0	0	-20.3k	-5.77k	-217	-
	3.61k	-298																	
0	37	3	52	0	0	0	0	-21.5k	-6.21k	-381	-4.57k	-537	0	0	0	-20.3k	-5.77k	-217	-
	3.61k	-298																	
0	37	4	52	0	0	0	0	-21.5k	-6.21k	-381	-4.57k	-537	0	0	0	-20.3k	-5.77k	-217	-
	3.61k	-298																	
0	37	7	52	0	0	0	0	-21.4k	-6.16k	-336	-4.50k	-528	0	0	0	-20.0k	-5.68k	-172	-
	3.51k	-283																	
0	37	8	52	0	0	0	0	-21.3k	-6.11k	-297	-4.44k	-519	0	0	0	-19.8k	-5.60k	-132	-
	3.42k	-270																	
0	37	1	51	0	0	0	0	-22.9k	-6.74k	-607	-10.9k	-12.4k	0	0	0	-20.0k	-6.10k	-222	-
	9.55k	2.35k																	
0	37	2	51	0	0	0	0	-17.6k	-5.19k	-467	-8.39k	-9.50k	0	0	0	-15.4k	-4.69k	-171	-
	7.35k	1.81k																	
0	37	3	51	0	0	0	0	-17.6k	-5.19k	-467	-8.39k	-9.50k	0	0	0	-15.4k	-4.69k	-171	-
	7.35k	1.81k																	
0	37	4	51	0	0	0	0	-17.6k	-5.19k	-467	-8.39k	-9.50k	0	0	0	-15.4k	-4.69k	-171	-
	7.35k	1.81k																	
0	37	7	51	0	0	0	0	-17.4k	-5.08k	-404	-8.26k	-8.67k	0	0	0	-15.1k	-4.59k	-92.5	-
	7.17k	2.02k																	
0	37	8	51	0	0	0	0	-17.3k	-4.99k	-350	-8.16k	-7.94k	0	0	0	-14.9k	-4.50k	-24.7	-
	7.01k	2.20k																	
0	37	1	-	-	0	0	0	-28.0k	-7.75k	-594	-11.0k	-1.66k	0	0	0	-21.6k	-5.98k	-23.2	-
	4.69k	842																	
0	37	2	-	-	0	0	0	-21.2											

0	38	1	47	0	0	0	0	-29.3k	-7.88k	-104	-3.70k	-256	0	0	0	-28.0k	-7.51k	-15.2	-
2.32k	-88.5																		
0	38	2	47	0	0	0	0	-22.6k	-6.06k	-79.7	-2.85k	-197	0	0	0	-21.6k	-5.78k	-11.7	-
1.78k	-68.1																		
0	38	3	47	0	0	0	0	-22.6k	-6.06k	-79.7	-2.85k	-197	0	0	0	-21.6k	-5.78k	-11.7	-
1.78k	-68.1																		
0	38	4	47	0	0	0	0	-22.6k	-6.06k	-79.7	-2.85k	-197	0	0	0	-21.6k	-5.78k	-11.7	-
1.78k	-68.1																		
0	38	7	47	0	0	0	0	-22.5k	-6.03k	-57.9	-2.81k	-188	0	0	0	-21.3k	-5.71k	25.6	-
1.64k	-44.9																		
0	38	8	47	0	0	0	0	-22.4k	-6.01k	-39.0	-2.78k	-180	0	0	0	-21.1k	-5.64k	61.4	-
1.51k	-23.7																		
0	38	1	48	0	0	0	0	-30.5k	-8.26k	-18.4	-761	-334	0	0	0	-30.3k	-8.13k	0.145	
0	-202	-112																	
0	38	2	48	0	0	0	0	-23.4k	-6.35k	-14.2	-586	-257	0	0	0	-23.3k	-6.26k	0.112	
0	-156	-86.1																	
0	38	3	48	0	0	0	0	-23.4k	-6.35k	-14.2	-586	-257	0	0	0	-23.3k	-6.26k	0.112	
0	-156	-86.1																	
0	38	4	48	0	0	0	0	-23.4k	-6.35k	-14.2	-586	-257	0	0	0	-23.3k	-6.26k	0.112	
0	-156	-86.1																	
0	38	7	48	0	0	0	0	-23.4k	-6.35k	-6.12	-525	-250	0	0	0	-23.2k	-6.23k	8.40	
0	56.9	-63.4																	
0	38	8	48	0	0	0	0	-23.4k	-6.34k	0.821	-473	-244	0	0	0	-23.1k	-6.21k	19.6	
0	237	-43.7																	
0	38	1	53	0	0	0	0	-30.4k	-8.98k	-141	-763	-953	0	0	0	-30.2k	-8.60k	-12.1	
0	-203	-726																	
0	38	2	53	0	0	0	0	-23.4k	-6.91k	-109	-587	-733	0	0	0	-23.2k	-6.62k	-9.31	
0	-156	-559																	
0	38	3	53	0	0	0	0	-23.4k	-6.91k	-109	-587	-733	0	0	0	-23.2k	-6.62k	-9.31	
0	-156	-559																	
0	38	4	53	0	0	0	0	-23.4k	-6.91k	-109	-587	-733	0	0	0	-23.2k	-6.62k	-9.31	
0	-156	-559																	
0	38	7	53	0	0	0	0	-23.4k	-6.89k	-90.8	-518	-727	0	0	0	-23.1k	-6.59k	8.16	
0	57.1	-536																	
0	38	8	53	0	0	0	0	-23.4k	-6.88k	-75.3	-459	-721	0	0	0	-23.0k	-6.56k	26.3	
0	238	-517																	
0	38	1	52	0	0	0	0	-29.3k	-8.52k	-437	-3.71k	-794	0	0	0	-28.0k	-7.82k	-251	-
0	-516																		
2.32k																			
0	38	2	52	0	0	0	0	-22.5k	-6.56k	-336	-2.85k	-611	0	0	0	-21.5k	-6.02k	-193	-
1.79k	-397																		
0	38	3	52	0	0	0	0	-22.5k	-6.56k	-336	-2.85k	-611	0	0	0	-21.5k	-6.02k	-193	-
1.79k	-397																		
0	38	4	52	0	0	0	0	-22.5k	-6.56k	-336	-2.85k	-611	0	0	0	-21.5k	-6.02k	-193	-
1.79k	-397																		
0	38	7	52	0	0	0	0	-22.4k	-6.51k	-296	-2.79k	-602	0	0	0	-21.2k	-5.93k	-155	-
1.63k	-376																		
0	38	8	52	0	0	0	0	-22.3k	-6.46k	-262	-2.74k	-593	0	0	0	-21.0k	-5.87k	-121	-
1.50k	-358																		
0	38	1	-	-	0	0	0	-30.5k	-8.84k	-288	-3.71k	-900	0	0	0	-28.0k	-7.61k	-5.88	
0	-203	-102																	
0	38	2	-	-	0	0	0	-23.4k	-6.80k	-221	-2.85k	-692	0	0	0	-21.6k	-5.86k	-4.52	
0	-156	-78.3																	
0	38	3	-	-	0	0	0	-23.4k	-6.80k	-221	-2.85k	-692	0	0	0	-21.6k	-5.86k	-4.52	
0	-156	-78.3																	
0	38	4	-	-	0	0	0	-23.4k	-6.80k	-221	-2.85k	-692	0	0	0	-21.6k	-5.86k	-4.52	
0	-156	-78.3																	
0	38	7	-	-	0	0	0	-23.4k	-6.75k	-191	-2.80k	-684	0	0	0	-21.3k	-5.78k	16.5	
0	57.0	-55.8																	
0	38	8	-	-	0	0	0	-23.4k	-6.71k	-165	-2.76k	-676	0	0	0	-21.0k	-5.71k	39.2	
0	238	-36.2																	
0	39	1	48	0	0	0	0	-30.5k	-8.26k	-4.71	40.8	-334	0	0	0	-30.4k	-8.15k	12.6	
0	573	-113																	
0	39	2	48	0	0	0	0	-23.4k	-6.35k	-3.63	31.4	-257	0	0	0	-23.4k	-6.27k	9.70	
0	441	-87.1																	
0	39	3	48	0	0	0	0	-23.4k	-6.35k	-3.63	31.4	-257	0	0	0	-23.4k	-6.27k	9.70	
0	441	-87.1																	
0	39	4	48	0	0	0	0	-23.4k	-6.35k	-3.63	31.4	-257	0	0	0	-23.4k	-6.27k	9.70	
0	441	-87.1																	
0	39	7	48	0	0	0	0	-23.4k	-6.35k	15.3m	95.5	-250	0	0	0	-23.3k	-6.25k	20.2	
0	647	-64.4																	
0	39	8	48	0	0	0	0	-23.4k	-6.34k	2.01	150	-244	0	0	0	-23.2k	-6.24k	29.3	
0	821	-44.7																	
0	39	1	49	0	0	0	0	-29.6k	-7.94k	13.8	1.99k	-275	0	0	0	-28.4k	-7.61k	108	
0	3.25k	-92.0																	
0	39	2	49	0	0	0	0	-22.7k	-6.10k	10.6	1.53k	-211	0	0	0	-21.9k	-5.85k	83.3	
0	2.50k	-70.7																	
0	39	3	49	0	0	0	0	-22.7k	-6.10k	10.6	1.53k	-211	0	0	0	-21.9k	-5.85k	83.3	
0	2.50k	-70.7																	
0	39	4	49	0	0	0	0	-22.7k	-6.10k	10.6	1.53k	-211	0	0	0	-21.9k	-5.85k	83.3	
0	2.50k	-70.7																	
0	39	7	49	0	0	0	0	-22.7k	-6.08k	20.4	1.58k	-202	0	0	0	-21.6k	-5.78k	124	
0	2.62k	-47.8																	
0	39	8	49	0	0	0	0	-22.6k	-6.06k	28.9	1.62k	-195	0	0	0	-21.4k	-5.72k	159	
0	2.73k	-26.4																	
0	39	1	54	0	0	0	0	-29.5k	-8.61k	231	1.99k	-823	0	0	0	-28.3k	-7.93k	412	
0	3.26k	-546																	
0	39	2	54	0	0	0	0	-22.7k	-6.62k	178	1.53k	-633	0	0	0	-21.8k	-6.10k	317	
0	2.51k	-420																	
0	39	3	54	0	0	0	0	-22.7k	-6.62k	178	1.53k	-633	0	0	0	-21.8k	-6.10k	317	
0	2.51k	-420																	
0	39	4	54	0	0	0	0	-22.7k	-6.62k	178	1.53k	-633	0	0	0	-21.8k	-6.10k	317	
0	2.51k	-420																	
0	39	7	54	0	0	0	0	-22.6k	-6.57k	207	1.60k	-623	0	0	0	-21.5k	-6.02k	359	
0	2.63k	-398																	
0	39	8	54	0	0	0	0	-22.5k	-6.53k	232	1.66k	-615	0	0	0	-21.3k	-5.96k	396	
0	2.74k	-380																	

0	39	1	53	0	0	0	0	-30.4k	-8.98k	-16.9	40.7	-953	0	0	0	-30.3k	-8.62k	107
	574	-730																
0	39	2	53	0	0	0	0	-23.4k	-6.91k	-13.0	31.3	-733	0	0	0	-23.3k	-6.63k	82.1
	441	-562																
0	39	3	53	0	0	0	0	-23.4k	-6.91k	-13.0	31.3	-733	0	0	0	-23.3k	-6.63k	82.1
	441	-562																
0	39	4	53	0	0	0	0	-23.4k	-6.91k	-13.0	31.3	-733	0	0	0	-23.3k	-6.63k	82.1
	441	-562																
0	39	7	53	0	0	0	0	-23.4k	-6.89k	-5.31	95.8	-727	0	0	0	-23.2k	-6.60k	107
	649	-539																
0	39	8	53	0	0	0	0	-23.4k	-6.88k	1.29	150	-721	0	0	0	-23.1k	-6.57k	128
	825	-520																
0	39	1	-	-	0	0	0	-30.5k	-8.88k	-9.69	40.8	-916	0	0	0	-28.4k	-7.72k	257
	3.26k	-104																
0	39	2	-	-	0	0	0	-23.4k	-6.83k	-7.46	31.4	-704	0	0	0	-21.8k	-5.94k	198
	2.51k	-80.3																
0	39	3	-	-	0	0	0	-23.4k	-6.83k	-7.46	31.4	-704	0	0	0	-21.8k	-5.94k	198
	2.51k	-80.3																
0	39	4	-	-	0	0	0	-23.4k	-6.83k	-7.46	31.4	-704	0	0	0	-21.8k	-5.94k	198
	2.51k	-80.3																
0	39	7	-	-	0	0	0	-23.4k	-6.79k	-1.80	95.7	-696	0	0	0	-21.6k	-5.87k	228
	2.63k	-57.8																
0	39	8	-	-	0	0	0	-23.4k	-6.76k	3.07	150	-689	0	0	0	-21.3k	-5.80k	253
	2.74k	-38.3																
0	40	1	49	0	0	0	0	-28.4k	-7.68k	17.6	4.20k	-274	0	0	0	-26.7k	-7.18k	111
	5.62k	-53.0																
0	40	2	49	0	0	0	0	-21.9k	-5.91k	13.5	3.23k	-211	0	0	0	-20.6k	-5.52k	85.7
	4.32k	-40.8																
0	40	3	49	0	0	0	0	-21.9k	-5.91k	13.5	3.23k	-211	0	0	0	-20.6k	-5.52k	85.7
	4.32k	-40.8																
0	40	4	49	0	0	0	0	-21.9k	-5.91k	13.5	3.23k	-211	0	0	0	-20.6k	-5.52k	85.7
	4.32k	-40.8																
0	40	7	49	0	0	0	0	-21.8k	-5.88k	26.7	3.26k	-201	0	0	0	-20.3k	-5.44k	129
	4.40k	-25.0																
0	40	8	49	0	0	0	0	-21.7k	-5.85k	38.1	3.29k	-193	0	0	0	-20.0k	-5.38k	167
	4.47k	-8.72																
0	40	1	50	0	0	0	0	-23.3k	-6.38k	21.7	9.14k	-1.40k	0	0	0	-19.9k	-5.49k	132
	11.3k	454																
0	40	2	50	0	0	0	0	-17.9k	-4.91k	16.7	7.03k	-1.08k	0	0	0	-15.3k	-4.23k	101
	8.69k	349																
0	40	3	50	0	0	0	0	-17.9k	-4.91k	16.7	7.03k	-1.08k	0	0	0	-15.3k	-4.23k	101
	8.69k	349																
0	40	4	50	0	0	0	0	-17.9k	-4.91k	16.7	7.03k	-1.08k	0	0	0	-15.3k	-4.23k	101
	8.69k	349																
0	40	7	50	0	0	0	0	-17.8k	-4.87k	40.4	7.10k	-745	0	0	0	-15.1k	-4.11k	169
	8.91k	482																
0	40	8	50	0	0	0	0	-17.8k	-4.84k	59.1	7.16k	-495	0	0	0	-14.8k	-4.01k	229
	9.10k	599																
0	40	1	55	0	0	0	0	-23.0k	-6.66k	232	9.38k	-11.4k	0	0	0	-20.0k	-6.11k	603
	10.9k	2.18k																
0	40	2	55	0	0	0	0	-17.7k	-5.12k	178	7.22k	-8.75k	0	0	0	-15.4k	-4.70k	464
	8.39k	1.68k																
0	40	3	55	0	0	0	0	-17.7k	-5.12k	178	7.22k	-8.75k	0	0	0	-15.4k	-4.70k	464
	8.39k	1.68k																
0	40	4	55	0	0	0	0	-17.7k	-5.12k	178	7.22k	-8.75k	0	0	0	-15.4k	-4.70k	464
	8.39k	1.68k																
0	40	7	55	0	0	0	0	-17.6k	-5.02k	229	7.32k	-7.96k	0	0	0	-15.1k	-4.60k	532
	8.61k	1.90k																
0	40	8	55	0	0	0	0	-17.4k	-4.93k	274	7.41k	-7.26k	0	0	0	-14.9k	-4.52k	591
	8.81k	2.09k																
0	40	1	54	0	0	0	0	-28.4k	-8.20k	256	4.21k	-738	0	0	0	-26.6k	-7.61k	494
	5.63k	-427																
0	40	2	54	0	0	0	0	-21.8k	-6.31k	197	3.24k	-568	0	0	0	-20.5k	-5.85k	380
	4.33k	-329																
0	40	3	54	0	0	0	0	-21.8k	-6.31k	197	3.24k	-568	0	0	0	-20.5k	-5.85k	380
	4.33k	-329																
0	40	4	54	0	0	0	0	-21.8k	-6.31k	197	3.24k	-568	0	0	0	-20.5k	-5.85k	380
	4.33k	-329																
0	40	7	54	0	0	0	0	-21.7k	-6.26k	229	3.29k	-558	0	0	0	-20.2k	-5.76k	432
	4.43k	-313																
0	40	8	54	0	0	0	0	-21.6k	-6.21k	256	3.34k	-550	0	0	0	-19.9k	-5.68k	476
	4.52k	-299																
0	40	1	-	-	0	0	0	-28.4k	-7.85k	22.7	4.21k	-1.98k	0	0	0	-21.6k	-5.98k	585
	11.0k	882																
0	40	2	-	-	0	0	0	-21.9k	-6.04k	17.4	3.23k	-1.52k	0	0	0	-16.6k	-4.60k	450
	8.45k	679																
0	40	3	-	-	0	0	0	-21.9k	-6.04k	17.4	3.23k	-1.52k	0	0	0	-16.6k	-4.60k	450
	8.45k	679																
0	40	4	-	-	0	0	0	-21.9k	-6.04k	17.4	3.23k	-1.52k	0	0	0	-16.6k	-4.60k	450
	8.45k	679																
0	40	7	-	-	0	0	0	-21.8k	-6.00k	34.4	3.28k	-1.34k	0	0	0	-16.3k	-4.50k	511
	8.67k	788																
0	40	8	-	-	0	0	0	-21.7k	-5.96k	49.0	3.32k	-1.18k	0	0	0	-16.1k	-4.42k	564
	8.85k	884																
0	41	1	51	0	0	0	0	-22.8k	-6.61k	-927	-12.6k	-13.0k	0	0	0	-19.6k	-4.67k	-497
	9.57k	2.46k																-
0	41	2	51	0	0	0	0	-17.5k	-5.09k	-713	-9.66k	-10.0k	0	0	0	-15.1k	-3.60k	-382
	7.36k	1.89k																-
0	41	3	51	0	0	0	0	-17.5k	-5.09k	-713	-9.66k	-10.0k	0	0	0	-15.1k	-3.60k	-382
	7.36k	1.89k																-
0	41	4	51	0	0	0	0	-17.5k	-5.09k	-713	-9.66k	-10.0k	0	0	0	-15.1k	-3.60k	-382
	7.36k	1.89k																-
0	41	7	51	0	0	0	0	-17.4k	-5.03k	-648	-9.47k	-9.15k	0	0	0	-14.8k	-3.45k	-308
	7.17k	2.10k																-
0	41	8	51	0	0	0	0	-17.2k	-4.98k	-592	-9.30k	-8.38k	0	0	0	-14.5k	-3.32k	-243
	7.00k	2.28k																-

0	41	1	52	0	0	0	0	-28.0k	-8.39k	-697	-5.92k	-920	0	0	0	-26.4k	-7.67k	-439	-
4.67k	-446																		
0	41	2	52	0	0	0	0	-21.5k	-6.46k	-536	-4.55k	-708	0	0	0	-20.3k	-5.90k	-337	-
3.59k	-343																		
0	41	3	52	0	0	0	0	-21.5k	-6.46k	-536	-4.55k	-708	0	0	0	-20.3k	-5.90k	-337	-
3.59k	-343																		
0	41	4	52	0	0	0	0	-21.5k	-6.46k	-536	-4.55k	-708	0	0	0	-20.3k	-5.90k	-337	-
3.59k	-343																		
0	41	7	52	0	0	0	0	-21.4k	-6.40k	-490	-4.48k	-698	0	0	0	-20.0k	-5.81k	-293	-
3.49k	-327																		
0	41	8	52	0	0	0	0	-21.3k	-6.34k	-450	-4.41k	-689	0	0	0	-19.8k	-5.73k	-254	-
3.40k	-313																		
0	41	1	57	0	0	0	0	-27.6k	-9.62k	-1.88k	-5.91k	-1.34k	0	0	0	-25.7k	-8.66k	-1.17k	-
4.59k	-885																		
0	41	2	57	0	0	0	0	-21.2k	-7.40k	-1.44k	-4.55k	-1.03k	0	0	0	-19.7k	-6.66k	-901	-
3.53k	-681																		
0	41	3	57	0	0	0	0	-21.2k	-7.40k	-1.44k	-4.55k	-1.03k	0	0	0	-19.7k	-6.66k	-901	-
3.53k	-681																		
0	41	4	57	0	0	0	0	-21.2k	-7.40k	-1.44k	-4.55k	-1.03k	0	0	0	-19.7k	-6.66k	-901	-
3.53k	-681																		
0	41	7	57	0	0	0	0	-21.1k	-7.32k	-1.40k	-4.45k	-1.02k	0	0	0	-19.4k	-6.56k	-847	-
3.41k	-663																		
0	41	8	57	0	0	0	0	-20.9k	-7.25k	-1.36k	-4.36k	-1.01k	0	0	0	-19.2k	-6.48k	-800	-
3.31k	-647																		
0	41	1	56	0	0	0	0	-22.6k	-7.34k	-2.24k	-10.8k	-15.4k	0	0	0	-19.6k	-6.61k	-1.36k	-
8.96k	2.68k																		
0	41	2	56	0	0	0	0	-17.4k	-5.64k	-1.72k	-8.33k	-11.8k	0	0	0	-15.1k	-5.08k	-1.05k	-
6.89k	2.06k																		
0	41	3	56	0	0	0	0	-17.4k	-5.64k	-1.72k	-8.33k	-11.8k	0	0	0	-15.1k	-5.08k	-1.05k	-
6.89k	2.06k																		
0	41	4	56	0	0	0	0	-17.4k	-5.64k	-1.72k	-8.33k	-11.8k	0	0	0	-15.1k	-5.08k	-1.05k	-
6.89k	2.06k																		
0	41	7	56	0	0	0	0	-17.2k	-5.57k	-1.66k	-8.13k	-10.9k	0	0	0	-14.7k	-4.98k	-982	-
6.68k	2.26k																		
0	41	8	56	0	0	0	0	-17.1k	-5.51k	-1.61k	-7.96k	-10.1k	0	0	0	-14.5k	-4.89k	-923	-
6.49k	2.44k																		
0	41	1	-	-	0	0	0	-27.8k	-8.93k	-2.16k	-10.9k	-3.05k	0	0	0	-21.3k	-6.32k	-517	-
4.65k	1.29k																		
0	41	2	-	-	0	0	0	-21.4k	-6.87k	-1.66k	-8.41k	-2.34k	0	0	0	-16.4k	-4.86k	-398	-
3.58k	989																		
0	41	3	-	-	0	0	0	-21.4k	-6.87k	-1.66k	-8.41k	-2.34k	0	0	0	-16.4k	-4.86k	-398	-
3.58k	989																		
0	41	4	-	-	0	0	0	-21.4k	-6.87k	-1.66k	-8.41k	-2.34k	0	0	0	-16.4k	-4.86k	-398	-
3.58k	989																		
0	41	7	-	-	0	0	0	-21.2k	-6.80k	-1.61k	-8.25k	-2.14k	0	0	0	-16.0k	-4.76k	-343	-
3.46k	1.09k																		
0	41	8	-	-	0	0	0	-21.1k	-6.74k	-1.57k	-8.11k	-1.96k	0	0	0	-15.8k	-4.67k	-296	-
3.36k	1.18k																		
0	42	1	52	0	0	0	0	-29.3k	-8.77k	-656	-3.71k	-992	0	0	0	-27.9k	-8.07k	-335	-
2.32k	-781																		
0	42	2	52	0	0	0	0	-22.5k	-6.74k	-505	-2.85k	-763	0	0	0	-21.4k	-6.21k	-258	-
1.78k	-601																		
0	42	3	52	0	0	0	0	-22.5k	-6.74k	-505	-2.85k	-763	0	0	0	-21.4k	-6.21k	-258	-
1.78k	-601																		
0	42	4	52	0	0	0	0	-22.5k	-6.74k	-505	-2.85k	-763	0	0	0	-21.4k	-6.21k	-258	-
1.78k	-601																		
0	42	7	52	0	0	0	0	-22.4k	-6.69k	-460	-2.79k	-753	0	0	0	-21.2k	-6.12k	-223	-
1.63k	-580																		
0	42	8	52	0	0	0	0	-22.3k	-6.64k	-422	-2.73k	-744	0	0	0	-20.9k	-6.05k	-193	-
1.50k	-561																		
0	42	1	53	0	0	0	0	-30.4k	-9.45k	-166	-762	-1.30k	0	0	0	-30.2k	-8.91k	-16.1	-
-203	-1.03k																		
0	42	2	53	0	0	0	0	-23.4k	-7.27k	-128	-586	-997	0	0	0	-23.2k	-6.85k	-12.4	-
-156	-795																		
0	42	3	53	0	0	0	0	-23.4k	-7.27k	-128	-586	-997	0	0	0	-23.2k	-6.85k	-12.4	-
-156	-795																		
0	42	4	53	0	0	0	0	-23.4k	-7.27k	-128	-586	-997	0	0	0	-23.2k	-6.85k	-12.4	-
-156	-795																		
0	42	7	53	0	0	0	0	-23.3k	-7.25k	-109	-517	-990	0	0	0	-23.1k	-6.81k	9.97	-
57.2	-773																		
0	42	8	53	0	0	0	0	-23.3k	-7.23k	-93.6	-458	-984	0	0	0	-23.0k	-6.77k	33.1	-
238	-754																		
0	42	1	58	0	0	0	0	-30.0k	-11.2k	-505	-756	-1.89k	0	0	0	-29.5k	-10.4k	-48.5	-
-202	-1.68k																		
0	42	2	58	0	0	0	0	-23.1k	-8.63k	-388	-582	-1.45k	0	0	0	-22.7k	-8.03k	-37.3	-
-156	-1.29k																		
0	42	3	58	0	0	0	0	-23.1k	-8.63k	-388	-582	-1.45k	0	0	0	-22.7k	-8.03k	-37.3	-
-156	-1.29k																		
0	42	4	58	0	0	0	0	-23.1k	-8.63k	-388	-582	-1.45k	0	0	0	-22.7k	-8.03k	-37.3	-
-156	-1.29k																		
0	42	7	58	0	0	0	0	-23.0k	-8.60k	-367	-510	-1.44k	0	0	0	-22.6k	-7.96k	2.03	-
56.6	-1.27k																		
0	42	8	58	0	0	0	0	-23.0k	-8.58k	-348	-448	-1.44k	0	0	0	-22.5k	-7.91k	37.0	-
237	-1.25k																		
0	42	1	57	0	0	0	0	-28.7k	-10.4k	-1.60k	-3.67k	-1.57k	0	0	0	-27.3k	-9.10k	-989	-
2.28k	-1.19k																		
0	42	2	57	0	0	0	0	-22.1k	-7.99k	-1.23k	-2.82k	-1.21k	0	0	0	-21.0k	-7.00k	-761	-
1.75k	-912																		
0	42	3	57	0	0	0	0	-22.1k	-7.99k	-1.23k	-2.82k	-1.21k	0	0	0	-21.0k	-7.00k	-761	-
1.75k	-912																		
0	42	4	57	0	0	0	0	-22.1k	-7.99k	-1.23k	-2.82k	-1.21k	0	0	0	-21.0k	-7.00k	-761	-
1.75k	-912																		
0	42	7	57	0	0	0	0	-22.0k	-7.91k	-1.19k	-2.74k	-1.20k	0	0	0	-20.7k	-6.91k	-711	-
1.59k	-890																		
0	42	8	57	0	0	0	0	-21.8k	-7.84k	-1.16k	-2.68k	-1.19k	0	0	0	-20.5k	-6.83k	-667	-
1.46k	-872																		

0	42	1	-	-	0	0	0	-30.2k	-10.9k	-1.06k	-3.69k	-1.78k	0	0	0	-27.7k	-8.56k	-31.3
	-203	-931																
0	42	2	-	-	0	0	0	-23.3k	-8.42k	-812	-2.84k	-1.37k	0	0	0	-21.3k	-6.58k	-24.1
	-156	-716																
0	42	3	-	-	0	0	0	-23.3k	-8.42k	-812	-2.84k	-1.37k	0	0	0	-21.3k	-6.58k	-24.1
	-156	-716																
0	42	4	-	-	0	0	0	-23.3k	-8.42k	-812	-2.84k	-1.37k	0	0	0	-21.3k	-6.58k	-24.1
	-156	-716																
0	42	7	-	-	0	0	0	-23.2k	-8.36k	-771	-2.77k	-1.36k	0	0	0	-21.0k	-6.49k	7.01
	57.1	-695																
0	42	8	-	-	0	0	0	-23.2k	-8.31k	-741	-2.70k	-1.35k	0	0	0	-20.8k	-6.42k	36.1
	238	-676																
0	43	1	53	0	0	0	0	-30.4k	-9.45k	-28.2	40.6	-1.30k	0	0	0	-30.3k	-8.94k	125
	574	-1.05k																
0	43	2	53	0	0	0	0	-23.4k	-7.27k	-21.7	31.2	-997	0	0	0	-23.3k	-6.88k	96.4
	441	-805																
0	43	3	53	0	0	0	0	-23.4k	-7.27k	-21.7	31.2	-997	0	0	0	-23.3k	-6.88k	96.4
	441	-805																
0	43	4	53	0	0	0	0	-23.4k	-7.27k	-21.7	31.2	-997	0	0	0	-23.3k	-6.88k	96.4
	441	-805																
0	43	7	53	0	0	0	0	-23.3k	-7.25k	-12.0	95.7	-990	0	0	0	-23.2k	-6.84k	124
	649	-783																
0	43	8	53	0	0	0	0	-23.3k	-7.24k	-3.54	150	-983	0	0	0	-23.1k	-6.80k	147
	825	-764																
0	43	1	54	0	0	0	0	-29.5k	-8.79k	306	1.99k	-1.04k	0	0	0	-28.2k	-8.19k	617
	3.26k	-825																
0	43	2	54	0	0	0	0	-22.7k	-6.76k	235	1.53k	-799	0	0	0	-21.7k	-6.30k	475
	2.51k	-634																
0	43	3	54	0	0	0	0	-22.7k	-6.76k	235	1.53k	-799	0	0	0	-21.7k	-6.30k	475
	2.51k	-634																
0	43	4	54	0	0	0	0	-22.7k	-6.76k	235	1.53k	-799	0	0	0	-21.7k	-6.30k	475
	2.51k	-634																
0	43	7	54	0	0	0	0	-22.6k	-6.70k	267	1.60k	-788	0	0	0	-21.5k	-6.22k	519
	2.64k	-612																
0	43	8	54	0	0	0	0	-22.5k	-6.65k	295	1.66k	-779	0	0	0	-21.2k	-6.15k	557
	2.75k	-593																
0	43	1	59	0	0	0	0	-28.9k	-10.5k	961	1.96k	-1.63k	0	0	0	-27.7k	-9.22k	1.50k
	3.22k	-1.23k																
0	43	2	59	0	0	0	0	-22.3k	-8.10k	739	1.50k	-1.25k	0	0	0	-21.3k	-7.09k	1.16k
	2.48k	-949																
0	43	3	59	0	0	0	0	-22.3k	-8.10k	739	1.50k	-1.25k	0	0	0	-21.3k	-7.09k	1.16k
	2.48k	-949																
0	43	4	59	0	0	0	0	-22.3k	-8.10k	739	1.50k	-1.25k	0	0	0	-21.3k	-7.09k	1.16k
	2.48k	-949																
0	43	7	59	0	0	0	0	-22.1k	-8.03k	776	1.58k	-1.24k	0	0	0	-21.0k	-7.00k	1.21k
	2.61k	-928																
0	43	8	59	0	0	0	0	-22.0k	-7.96k	804	1.64k	-1.23k	0	0	0	-20.8k	-6.93k	1.26k
	2.73k	-909																
0	43	1	58	0	0	0	0	-30.0k	-11.2k	-61.0	39.9	-1.89k	0	0	0	-29.6k	-10.5k	382
	569	-1.69k																
0	43	2	58	0	0	0	0	-23.1k	-8.63k	-46.9	30.7	-1.45k	0	0	0	-22.8k	-8.04k	294
	438	-1.30k																
0	43	3	58	0	0	0	0	-23.1k	-8.63k	-46.9	30.7	-1.45k	0	0	0	-22.8k	-8.04k	294
	438	-1.30k																
0	43	4	58	0	0	0	0	-23.1k	-8.63k	-46.9	30.7	-1.45k	0	0	0	-22.8k	-8.04k	294
	438	-1.30k																
0	43	7	58	0	0	0	0	-23.0k	-8.60k	-32.4	94.5	-1.44k	0	0	0	-22.6k	-7.98k	342
	644	-1.27k																
0	43	8	58	0	0	0	0	-23.0k	-8.58k	-19.9	149	-1.44k	0	0	0	-22.5k	-7.93k	383
	820	-1.25k																
0	43	1	-	-	0	0	0	-30.2k	-11.0k	-41.8	40.3	-1.81k	0	0	0	-28.1k	-8.71k	960
	3.24k	-958																
0	43	2	-	-	0	0	0	-23.3k	-8.48k	-32.1	31.0	-1.39k	0	0	0	-21.6k	-6.70k	738
	2.49k	-737																
0	43	3	-	-	0	0	0	-23.3k	-8.48k	-32.1	31.0	-1.39k	0	0	0	-21.6k	-6.70k	738
	2.49k	-737																
0	43	4	-	-	0	0	0	-23.3k	-8.48k	-32.1	31.0	-1.39k	0	0	0	-21.6k	-6.70k	738
	2.49k	-737																
0	43	7	-	-	0	0	0	-23.2k	-8.43k	-20.1	95.3	-1.38k	0	0	0	-21.3k	-6.61k	789
	2.63k	-715																
0	43	8	-	-	0	0	0	-23.2k	-8.39k	-9.63	150	-1.38k	0	0	0	-21.1k	-6.54k	833
	2.74k	-696																
0	44	1	54	0	0	0	0	-28.3k	-8.54k	413	4.19k	-970	0	0	0	-26.6k	-7.64k	682
	5.66k	-490																
0	44	2	54	0	0	0	0	-21.8k	-6.57k	318	3.22k	-746	0	0	0	-20.5k	-5.88k	525
	4.35k	-377																
0	44	3	54	0	0	0	0	-21.8k	-6.57k	318	3.22k	-746	0	0	0	-20.5k	-5.88k	525
	4.35k	-377																
0	44	4	54	0	0	0	0	-21.8k	-6.57k	318	3.22k	-746	0	0	0	-20.5k	-5.88k	525
	4.35k	-377																
0	44	7	54	0	0	0	0	-21.7k	-6.51k	356	3.29k	-736	0	0	0	-20.2k	-5.79k	572
	4.45k	-361																
0	44	8	54	0	0	0	0	-21.6k	-6.45k	389	3.34k	-727	0	0	0	-19.9k	-5.71k	613
	4.54k	-347																
0	44	1	55	0	0	0	0	-22.9k	-6.66k	514	9.40k	-12.0k	0	0	0	-19.6k	-4.76k	920
	12.3k	2.27k																
0	44	2	55	0	0	0	0	-17.6k	-5.12k	395	7.23k	-9.22k	0	0	0	-15.1k	-3.66k	708
	9.43k	1.75k																
0	44	3	55	0	0	0	0	-17.6k	-5.12k	395	7.23k	-9.22k	0	0	0	-15.1k	-3.66k	708
	9.43k	1.75k																
0	44	4	55	0	0	0	0	-17.6k	-5.12k	395	7.23k	-9.22k	0	0	0	-15.1k	-3.66k	708
	9.43k	1.75k																
0	44	7	55	0	0	0	0	-17.5k	-5.07k	457	7.36k	-8.39k	0	0	0	-14.8k	-3.52k	779
	9.69k	1.97k																
0	44	8	55	0	0	0	0	-17.3k	-5.02k	510	7.46k	-7.65k	0	0	0	-14.6k	-3.39k	841
	9.91k	2.16k																

0	44	1	60	0	0	0	0	-22.6k	-7.34k	1.38k	8.82k	-14.2k	0	0	0	-19.6k	-6.60k	2.25k
	10.8k	2.48k																
0	44	2	60	0	0	0	0	-17.4k	-5.64k	1.06k	6.79k	-10.9k	0	0	0	-15.1k	-5.07k	1.73k
	8.34k	1.91k																
0	44	3	60	0	0	0	0	-17.4k	-5.64k	1.06k	6.79k	-10.9k	0	0	0	-15.1k	-5.07k	1.73k
	8.34k	1.91k																
0	44	4	60	0	0	0	0	-17.4k	-5.64k	1.06k	6.79k	-10.9k	0	0	0	-15.1k	-5.07k	1.73k
	8.34k	1.91k																
0	44	7	60	0	0	0	0	-17.2k	-5.57k	1.13k	6.94k	-10.0k	0	0	0	-14.7k	-4.97k	1.81k
	8.60k	2.12k																
0	44	8	60	0	0	0	0	-17.1k	-5.51k	1.18k	7.08k	-9.25k	0	0	0	-14.5k	-4.88k	1.88k
	8.83k	2.32k																
0	44	1	59	0	0	0	0	-28.0k	-9.84k	1.06k	4.12k	-1.42k	0	0	0	-26.0k	-8.86k	1.83k
	5.51k	-962																
0	44	2	59	0	0	0	0	-21.5k	-7.57k	815	3.17k	-1.09k	0	0	0	-20.0k	-6.81k	1.40k
	4.24k	-740																
0	44	3	59	0	0	0	0	-21.5k	-7.57k	815	3.17k	-1.09k	0	0	0	-20.0k	-6.81k	1.40k
	4.24k	-740																
0	44	4	59	0	0	0	0	-21.5k	-7.57k	815	3.17k	-1.09k	0	0	0	-20.0k	-6.81k	1.40k
	4.24k	-740																
0	44	7	59	0	0	0	0	-21.4k	-7.48k	855	3.25k	-1.08k	0	0	0	-19.7k	-6.71k	1.47k
	4.36k	-720																
0	44	8	59	0	0	0	0	-21.2k	-7.41k	889	3.32k	-1.08k	0	0	0	-19.4k	-6.63k	1.52k
	4.47k	-703																
0	44	1	-	-	0	0	0	-28.2k	-9.08k	504	4.17k	-3.54k	0	0	0	-21.2k	-6.31k	2.14k
	11.0k	1.31k																
0	44	2	-	-	0	0	0	-21.7k	-6.99k	388	3.21k	-2.72k	0	0	0	-16.3k	-4.86k	1.64k
	8.43k	1.01k																
0	44	3	-	-	0	0	0	-21.7k	-6.99k	388	3.21k	-2.72k	0	0	0	-16.3k	-4.86k	1.64k
	8.43k	1.01k																
0	44	4	-	-	0	0	0	-21.7k	-6.99k	388	3.21k	-2.72k	0	0	0	-16.3k	-4.86k	1.64k
	8.43k	1.01k																
0	44	7	-	-	0	0	0	-21.5k	-6.92k	434	3.29k	-2.47k	0	0	0	-16.0k	-4.75k	1.71k
	8.66k	1.12k																
0	44	8	-	-	0	0	0	-21.4k	-6.85k	474	3.35k	-2.25k	0	0	0	-15.7k	-4.67k	1.78k
	8.86k	1.22k																
0	45	1	56	0	0	0	0	-22.7k	-7.55k	-2.43k	-12.4k	-15.4k	0	0	0	-19.1k	-5.02k	-2.17k
	9.05k	2.90k																-
0	45	2	56	0	0	0	0	-17.5k	-5.81k	-1.87k	-9.52k	-11.8k	0	0	0	-14.7k	-3.86k	-1.67k
	6.96k	2.23k																-
0	45	3	56	0	0	0	0	-17.5k	-5.81k	-1.87k	-9.52k	-11.8k	0	0	0	-14.7k	-3.86k	-1.67k
	6.96k	2.23k																-
0	45	4	56	0	0	0	0	-17.5k	-5.81k	-1.87k	-9.52k	-11.8k	0	0	0	-14.7k	-3.86k	-1.67k
	6.96k	2.23k																-
0	45	7	56	0	0	0	0	-17.3k	-5.73k	-1.81k	-9.29k	-10.8k	0	0	0	-14.4k	-3.72k	-1.60k
	6.75k	2.46k																-
0	45	8	56	0	0	0	0	-17.1k	-5.66k	-1.76k	-9.09k	-9.96k	0	0	0	-14.1k	-3.59k	-1.54k
	6.57k	2.67k																-
0	45	1	57	0	0	0	0	-27.3k	-9.71k	-1.92k	-5.93k	-1.41k	0	0	0	-25.7k	-8.78k	-1.60k
	4.56k	-884																-
0	45	2	57	0	0	0	0	-21.0k	-7.47k	-1.48k	-4.56k	-1.08k	0	0	0	-19.8k	-6.75k	-1.23k
	3.51k	-680																-
0	45	3	57	0	0	0	0	-21.0k	-7.47k	-1.48k	-4.56k	-1.08k	0	0	0	-19.8k	-6.75k	-1.23k
	3.51k	-680																-
0	45	4	57	0	0	0	0	-21.0k	-7.47k	-1.48k	-4.56k	-1.08k	0	0	0	-19.8k	-6.75k	-1.23k
	3.51k	-680																-
0	45	7	57	0	0	0	0	-20.8k	-7.39k	-1.44k	-4.47k	-1.07k	0	0	0	-19.5k	-6.65k	-1.17k
	3.39k	-659																-
0	45	8	57	0	0	0	0	-20.7k	-7.31k	-1.40k	-4.38k	-1.06k	0	0	0	-19.2k	-6.56k	-1.12k
	3.28k	-641																-
0	45	1	62	0	0	0	0	-27.1k	-9.98k	-2.28k	-5.79k	-1.44k	0	0	0	-25.5k	-9.06k	-1.85k
	4.53k	-963																-
0	45	2	62	0	0	0	0	-20.9k	-7.68k	-1.75k	-4.46k	-1.11k	0	0	0	-19.6k	-6.97k	-1.42k
	3.49k	-741																-
0	45	3	62	0	0	0	0	-20.9k	-7.68k	-1.75k	-4.46k	-1.11k	0	0	0	-19.6k	-6.97k	-1.42k
	3.49k	-741																-
0	45	4	62	0	0	0	0	-20.9k	-7.68k	-1.75k	-4.46k	-1.11k	0	0	0	-19.6k	-6.97k	-1.42k
	3.49k	-741																-
0	45	7	62	0	0	0	0	-20.7k	-7.59k	-1.71k	-4.36k	-1.10k	0	0	0	-19.3k	-6.87k	-1.36k
	3.37k	-719																-
0	45	8	62	0	0	0	0	-20.6k	-7.52k	-1.68k	-4.27k	-1.09k	0	0	0	-19.0k	-6.78k	-1.31k
	3.26k	-699																-
0	45	1	61	0	0	0	0	-22.5k	-7.45k	-2.79k	-10.7k	-14.0k	0	0	0	-19.4k	-6.74k	-2.60k
	8.88k	2.37k																-
0	45	2	61	0	0	0	0	-17.3k	-5.73k	-2.15k	-8.21k	-10.7k	0	0	0	-14.9k	-5.18k	-2.00k
	6.83k	1.82k																-
0	45	3	61	0	0	0	0	-17.3k	-5.73k	-2.15k	-8.21k	-10.7k	0	0	0	-14.9k	-5.18k	-2.00k
	6.83k	1.82k																-
0	45	4	61	0	0	0	0	-17.3k	-5.73k	-2.15k	-8.21k	-10.7k	0	0	0	-14.9k	-5.18k	-2.00k
	6.83k	1.82k																-
0	45	7	61	0	0	0	0	-17.1k	-5.66k	-2.09k	-8.01k	-9.77k	0	0	0	-14.6k	-5.08k	-1.93k
	6.62k	2.04k																-
0	45	8	61	0	0	0	0	-16.9k	-5.60k	-2.04k	-7.83k	-8.92k	0	0	0	-14.3k	-4.99k	-1.87k
	6.43k	2.23k																-
0	45	1	-	-	0	0	0	-27.2k	-9.79k	-2.63k	-10.8k	-2.90k	0	0	0	-20.9k	-6.75k	-1.75k
	4.55k	2.63k																-
0	45	2	-	-	0	0	0	-20.9k	-7.53k	-2.02k	-8.28k	-2.23k	0	0	0	-16.1k	-5.19k	-1.35k
	3.50k	2.02k																-
0	45	3	-	-	0	0	0	-20.9k	-7.53k	-2.02k	-8.28k	-2.23k	0	0	0	-16.1k	-5.19k	-1.35k
	3.50k	2.02k																-
0	45	4	-	-	0	0	0	-20.9k	-7.53k	-2.02k	-8.28k	-2.23k	0	0	0	-16.1k	-5.19k	-1.35k
	3.50k	2.02k																-
0	45	7	-	-	0	0	0	-20.8k	-7.45k	-1.97k	-8.07k	-1.91k	0	0	0	-15.8k	-5.09k	-1.29k
	3.38k	2.25k																-
0	45	8	-	-	0	0	0	-20.6k	-7.38k	-1.93k	-7.89k	-1.63k	0	0	0	-15.5k	-5.00k	-1.24k
	3.27k	2.45k																-

0	46	1	57	0	0	0	0	-28.6k	-10.4k	-1.68k	-3.62k	-1.63k	0	0	0	-27.3k	-9.62k	-1.21k	-
2.28k	-1.41k																		
0	46	2	57	0	0	0	0	-22.0k	-8.02k	-1.29k	-2.79k	-1.26k	0	0	0	-21.0k	-7.40k	-931	-
1.75k	-1.08k																		
0	46	3	57	0	0	0	0	-22.0k	-8.02k	-1.29k	-2.79k	-1.26k	0	0	0	-21.0k	-7.40k	-931	-
1.75k	-1.08k																		
0	46	4	57	0	0	0	0	-22.0k	-8.02k	-1.29k	-2.79k	-1.26k	0	0	0	-21.0k	-7.40k	-931	-
1.75k	-1.08k																		
0	46	7	57	0	0	0	0	-21.8k	-7.93k	-1.26k	-2.71k	-1.25k	0	0	0	-20.7k	-7.30k	-877	-
1.59k	-1.06k																		
0	46	8	57	0	0	0	0	-21.7k	-7.86k	-1.22k	-2.64k	-1.24k	0	0	0	-20.4k	-7.22k	-830	-
1.46k	-1.04k																		
0	46	1	58	0	0	0	0	-29.7k	-11.3k	-502	-755	-1.96k	0	0	0	-29.5k	-11.1k	-60.4	
	-202	-1.91k																	
0	46	2	58	0	0	0	0	-22.8k	-8.73k	-386	-581	-1.51k	0	0	0	-22.7k	-8.52k	-46.5	
	-156	-1.47k																	
0	46	3	58	0	0	0	0	-22.8k	-8.73k	-386	-581	-1.51k	0	0	0	-22.7k	-8.52k	-46.5	
	-156	-1.47k																	
0	46	4	58	0	0	0	0	-22.8k	-8.73k	-386	-581	-1.51k	0	0	0	-22.7k	-8.52k	-46.5	
	-156	-1.47k																	
0	46	7	58	0	0	0	0	-22.8k	-8.70k	-364	-509	-1.50k	0	0	0	-22.6k	-8.45k	53.7m	
	55.4	-1.44k																	
0	46	8	58	0	0	0	0	-22.8k	-8.68k	-346	-447	-1.49k	0	0	0	-22.5k	-8.38k	40.2	
	234	-1.42k																	
0	46	1	63	0	0	0	0	-29.5k	-11.7k	-606	-754	-2.02k	0	0	0	-29.3k	-11.5k	-74.3	
	-203	-1.97k																	
0	46	2	63	0	0	0	0	-22.7k	-9.03k	-466	-580	-1.56k	0	0	0	-22.5k	-8.86k	-57.2	
	-156	-1.51k																	
0	46	3	63	0	0	0	0	-22.7k	-9.03k	-466	-580	-1.56k	0	0	0	-22.5k	-8.86k	-57.2	
	-156	-1.51k																	
0	46	4	63	0	0	0	0	-22.7k	-9.03k	-466	-580	-1.56k	0	0	0	-22.5k	-8.86k	-57.2	
	-156	-1.51k																	
0	46	7	63	0	0	0	0	-22.6k	-9.00k	-444	-508	-1.55k	0	0	0	-22.4k	-8.78k	-7.09	
	54.2	-1.49k																	
0	46	8	63	0	0	0	0	-22.6k	-8.98k	-425	-447	-1.54k	0	0	0	-22.3k	-8.71k	36.1	
	232	-1.47k																	
0	46	1	62	0	0	0	0	-28.3k	-10.8k	-1.93k	-3.59k	-1.68k	0	0	0	-27.1k	-9.88k	-1.44k	-
	2.26k	-1.44k																	
0	46	2	62	0	0	0	0	-21.8k	-8.32k	-1.49k	-2.76k	-1.30k	0	0	0	-20.8k	-7.60k	-1.11k	-
	1.74k	-1.11k																	
0	46	3	62	0	0	0	0	-21.8k	-8.32k	-1.49k	-2.76k	-1.30k	0	0	0	-20.8k	-7.60k	-1.11k	-
	1.74k	-1.11k																	
0	46	4	62	0	0	0	0	-21.8k	-8.32k	-1.49k	-2.76k	-1.30k	0	0	0	-20.8k	-7.60k	-1.11k	-
	1.74k	-1.11k																	
0	46	7	62	0	0	0	0	-21.6k	-8.24k	-1.45k	-2.68k	-1.29k	0	0	0	-20.5k	-7.51k	-1.05k	-
	1.58k	-1.09k																	
0	46	8	62	0	0	0	0	-21.5k	-8.16k	-1.42k	-2.61k	-1.28k	0	0	0	-20.3k	-7.42k	-1.00k	-
	1.44k	-1.07k																	
0	46	1	-	-	0	0	0	-29.6k	-11.5k	-1.77k	-3.60k	-1.99k	0	0	0	-27.2k	-9.80k	-71.0	
	-202	-1.42k																	
0	46	2	-	-	0	0	0	-22.7k	-8.82k	-1.36k	-2.77k	-1.53k	0	0	0	-20.9k	-7.53k	-54.6	
	-156	-1.09k																	
0	46	3	-	-	0	0	0	-22.7k	-8.82k	-1.36k	-2.77k	-1.53k	0	0	0	-20.9k	-7.53k	-54.6	
	-156	-1.09k																	
0	46	4	-	-	0	0	0	-22.7k	-8.82k	-1.36k	-2.77k	-1.53k	0	0	0	-20.9k	-7.53k	-54.6	
	-156	-1.09k																	
0	46	7	-	-	0	0	0	-22.7k	-8.80k	-1.32k	-2.69k	-1.53k	0	0	0	-20.6k	-7.44k	-5.71	
	54.7	-1.07k																	
0	46	8	-	-	0	0	0	-22.7k	-8.78k	-1.29k	-2.62k	-1.52k	0	0	0	-20.4k	-7.35k	36.5	
	233	-1.05k																	
0	47	1	58	0	0	0	0	-29.7k	-11.3k	-69.2	39.9	-1.96k	0	0	0	-29.6k	-11.1k	379	
	568	-1.93k																	
0	47	2	58	0	0	0	0	-22.8k	-8.73k	-53.3	30.7	-1.51k	0	0	0	-22.8k	-8.57k	292	
	437	-1.49k																	
0	47	3	58	0	0	0	0	-22.8k	-8.73k	-53.3	30.7	-1.51k	0	0	0	-22.8k	-8.57k	292	
	437	-1.49k																	
0	47	4	58	0	0	0	0	-22.8k	-8.73k	-53.3	30.7	-1.51k	0	0	0	-22.8k	-8.57k	292	
	437	-1.49k																	
0	47	7	58	0	0	0	0	-22.8k	-8.70k	-38.4	94.4	-1.50k	0	0	0	-22.6k	-8.49k	340	
	643	-1.46k																	
0	47	8	58	0	0	0	0	-22.8k	-8.68k	-25.5	149	-1.49k	0	0	0	-22.5k	-8.43k	381	
	818	-1.44k																	
0	47	1	59	0	0	0	0	-28.8k	-10.5k	1.10k	1.96k	-1.69k	0	0	0	-27.6k	-9.83k	1.58k	
	3.19k	-1.49k																	
0	47	2	59	0	0	0	0	-22.2k	-8.10k	848	1.50k	-1.30k	0	0	0	-21.3k	-7.56k	1.22k	
	2.45k	-1.14k																	
0	47	3	59	0	0	0	0	-22.2k	-8.10k	848	1.50k	-1.30k	0	0	0	-21.3k	-7.56k	1.22k	
	2.45k	-1.14k																	
0	47	4	59	0	0	0	0	-22.2k	-8.10k	848	1.50k	-1.30k	0	0	0	-21.3k	-7.56k	1.22k	
	2.45k	-1.14k																	
0	47	7	59	0	0	0	0	-22.0k	-8.03k	879	1.58k	-1.29k	0	0	0	-21.0k	-7.47k	1.28k	
	2.59k	-1.12k																	
0	47	8	59	0	0	0	0	-21.9k	-7.96k	906	1.64k	-1.28k	0	0	0	-20.7k	-7.39k	1.33k	
	2.71k	-1.10k																	
0	47	1	64	0	0	0	0	-28.5k	-11.0k	1.33k	1.94k	-1.75k	0	0	0	-27.4k	-10.1k	1.82k	
	3.16k	-1.52k																	
0	47	2	64	0	0	0	0	-22.0k	-8.45k	1.02k	1.49k	-1.34k	0	0	0	-21.1k	-7.78k	1.40k	
	2.43k	-1.17k																	
0	47	3	64	0	0	0	0	-22.0k	-8.45k	1.02k	1.49k	-1.34k	0	0	0	-21.1k	-7.78k	1.40k	
	2.43k	-1.17k																	
0	47	4	64	0	0	0	0	-22.0k	-8.45k	1.02k	1.49k	-1.34k	0	0	0	-21.1k	-7.78k	1.40k	
	2.43k	-1.17k																	
0	47	7	64	0	0	0	0	-21.8k	-8.37k	1.05k	1.57k	-1.33k	0	0	0	-20.8k	-7.68k	1.46k	
	2.56k	-1.15k																	
0	47	8	64	0	0	0	0	-21.7k	-8.30k	1.08k	1.63k	-1.32k	0	0	0	-20.6k	-7.60k	1.51k	
	2.68k	-1.13k																	

0	47	1	63	0	0	0	0	-29.5k	-11.7k	-74.4	39.8	-2.02k	0	0	0	-29.3k	-11.6k	459
	568	-1.99k																
0	47	2	63	0	0	0	0	-22.7k	-9.03k	-57.2	30.6	-1.56k	0	0	0	-22.6k	-8.89k	353
	437	-1.53k																
0	47	3	63	0	0	0	0	-22.7k	-9.03k	-57.2	30.6	-1.56k	0	0	0	-22.6k	-8.89k	353
	437	-1.53k																
0	47	4	63	0	0	0	0	-22.7k	-9.03k	-57.2	30.6	-1.56k	0	0	0	-22.6k	-8.89k	353
	437	-1.53k																
0	47	7	63	0	0	0	0	-22.6k	-9.00k	-41.3	94.1	-1.55k	0	0	0	-22.4k	-8.81k	405
	642	-1.51k																
0	47	8	63	0	0	0	0	-22.6k	-8.98k	-27.5	148	-1.54k	0	0	0	-22.3k	-8.75k	451
	816	-1.49k																
0	47	1	-	-	0	0	0	-29.6k	-11.5k	-71.2	39.8	-1.99k	0	0	0	-27.6k	-10.0k	1.66k
	3.16k	-1.50k																
0	47	2	-	-	0	0	0	-22.7k	-8.87k	-54.7	30.6	-1.53k	0	0	0	-21.2k	-7.71k	1.28k
	2.43k	-1.16k																
0	47	3	-	-	0	0	0	-22.7k	-8.87k	-54.7	30.6	-1.53k	0	0	0	-21.2k	-7.71k	1.28k
	2.43k	-1.16k																
0	47	4	-	-	0	0	0	-22.7k	-8.87k	-54.7	30.6	-1.53k	0	0	0	-21.2k	-7.71k	1.28k
	2.43k	-1.16k																
0	47	7	-	-	0	0	0	-22.7k	-8.82k	-39.1	94.3	-1.53k	0	0	0	-20.9k	-7.61k	1.34k
	2.57k	-1.13k																
0	47	8	-	-	0	0	0	-22.7k	-8.78k	-25.7	148	-1.52k	0	0	0	-20.7k	-7.53k	1.39k
	2.69k	-1.12k																
0	48	1	59	0	0	0	0	-27.7k	-9.92k	1.51k	4.09k	-1.49k	0	0	0	-26.0k	-8.94k	1.83k
	5.52k	-975																
0	48	2	59	0	0	0	0	-21.3k	-7.63k	1.16k	3.15k	-1.14k	0	0	0	-20.0k	-6.88k	1.40k
	4.25k	-750																
0	48	3	59	0	0	0	0	-21.3k	-7.63k	1.16k	3.15k	-1.14k	0	0	0	-20.0k	-6.88k	1.40k
	4.25k	-750																
0	48	4	59	0	0	0	0	-21.3k	-7.63k	1.16k	3.15k	-1.14k	0	0	0	-20.0k	-6.88k	1.40k
	4.25k	-750																
0	48	7	59	0	0	0	0	-21.1k	-7.55k	1.20k	3.23k	-1.13k	0	0	0	-19.7k	-6.78k	1.47k
	4.37k	-727																
0	48	8	59	0	0	0	0	-21.0k	-7.48k	1.23k	3.30k	-1.13k	0	0	0	-19.4k	-6.69k	1.52k
	4.48k	-706																
0	48	1	60	0	0	0	0	-22.7k	-7.56k	2.16k	9.12k	-14.1k	0	0	0	-19.2k	-5.11k	2.43k
	12.1k	2.62k																
0	48	2	60	0	0	0	0	-17.5k	-5.82k	1.66k	7.02k	-10.8k	0	0	0	-14.7k	-3.93k	1.87k
	9.29k	2.01k																
0	48	3	60	0	0	0	0	-17.5k	-5.82k	1.66k	7.02k	-10.8k	0	0	0	-14.7k	-3.93k	1.87k
	9.29k	2.01k																
0	48	4	60	0	0	0	0	-17.5k	-5.82k	1.66k	7.02k	-10.8k	0	0	0	-14.7k	-3.93k	1.87k
	9.29k	2.01k																
0	48	7	60	0	0	0	0	-17.3k	-5.74k	1.72k	7.17k	-9.89k	0	0	0	-14.4k	-3.79k	1.94k
	9.58k	2.26k																
0	48	8	60	0	0	0	0	-17.1k	-5.67k	1.76k	7.30k	-9.06k	0	0	0	-14.1k	-3.67k	2.01k
	9.83k	2.48k																
0	48	1	65	0	0	0	0	-22.5k	-7.44k	2.61k	8.77k	-12.8k	0	0	0	-19.4k	-6.75k	2.80k
	10.7k	2.15k																
0	48	2	65	0	0	0	0	-17.3k	-5.72k	2.00k	6.74k	-9.87k	0	0	0	-14.9k	-5.20k	2.16k
	8.22k	1.66k																
0	48	3	65	0	0	0	0	-17.3k	-5.72k	2.00k	6.74k	-9.87k	0	0	0	-14.9k	-5.20k	2.16k
	8.22k	1.66k																
0	48	4	65	0	0	0	0	-17.3k	-5.72k	2.00k	6.74k	-9.87k	0	0	0	-14.9k	-5.20k	2.16k
	8.22k	1.66k																
0	48	7	65	0	0	0	0	-17.1k	-5.65k	2.05k	6.89k	-8.95k	0	0	0	-14.6k	-5.09k	2.24k
	8.48k	1.88k																
0	48	8	65	0	0	0	0	-16.9k	-5.60k	2.10k	7.03k	-8.14k	0	0	0	-14.3k	-5.00k	2.30k
	8.71k	2.09k																
0	48	1	64	0	0	0	0	-27.5k	-10.2k	1.74k	4.07k	-1.52k	0	0	0	-25.8k	-9.24k	2.22k
	5.39k	-1.05k																
0	48	2	64	0	0	0	0	-21.2k	-7.85k	1.34k	3.13k	-1.17k	0	0	0	-19.8k	-7.11k	1.70k
	4.15k	-810																
0	48	3	64	0	0	0	0	-21.2k	-7.85k	1.34k	3.13k	-1.17k	0	0	0	-19.8k	-7.11k	1.70k
	4.15k	-810																
0	48	4	64	0	0	0	0	-21.2k	-7.85k	1.34k	3.13k	-1.17k	0	0	0	-19.8k	-7.11k	1.70k
	4.15k	-810																
0	48	7	64	0	0	0	0	-21.0k	-7.77k	1.38k	3.21k	-1.16k	0	0	0	-19.5k	-7.01k	1.77k
	4.27k	-786																
0	48	8	64	0	0	0	0	-20.8k	-7.69k	1.41k	3.28k	-1.15k	0	0	0	-19.3k	-6.92k	1.82k
	4.38k	-764																
0	48	1	-	-	0	0	0	-27.6k	-10.0k	1.66k	4.07k	-3.65k	0	0	0	-20.9k	-6.74k	2.64k
	10.8k	2.38k																
0	48	2	-	-	0	0	0	-21.2k	-7.71k	1.28k	3.13k	-2.81k	0	0	0	-16.1k	-5.18k	2.03k
	8.29k	1.83k																
0	48	3	-	-	0	0	0	-21.2k	-7.71k	1.28k	3.13k	-2.81k	0	0	0	-16.1k	-5.18k	2.03k
	8.29k	1.83k																
0	48	4	-	-	0	0	0	-21.2k	-7.71k	1.28k	3.13k	-2.81k	0	0	0	-16.1k	-5.18k	2.03k
	8.29k	1.83k																
0	48	7	-	-	0	0	0	-21.0k	-7.62k	1.32k	3.21k	-2.48k	0	0	0	-15.8k	-5.08k	2.11k
	8.55k	2.07k																
0	48	8	-	-	0	0	0	-20.9k	-7.55k	1.35k	3.28k	-2.19k	0	0	0	-15.5k	-4.99k	2.18k
	8.78k	2.28k																
0	49	1	61	0	0	0	0	-22.5k	-7.66k	-2.95k	-12.0k	-13.1k	0	0	0	-19.0k	-5.27k	-2.65k
	8.95k	2.21k																-
0	49	2	61	0	0	0	0	-17.3k	-5.89k	-2.27k	-9.24k	-10.0k	0	0	0	-14.6k	-4.05k	-2.04k
	6.88k	1.70k																-
0	49	3	61	0	0	0	0	-17.3k	-5.89k	-2.27k	-9.24k	-10.0k	0	0	0	-14.6k	-4.05k	-2.04k
	6.88k	1.70k																-
0	49	4	61	0	0	0	0	-17.3k	-5.89k	-2.27k	-9.24k	-10.0k	0	0	0	-14.6k	-4.05k	-2.04k
	6.88k	1.70k																-
0	49	7	61	0	0	0	0	-17.1k	-5.81k	-2.22k	-9.03k	-9.08k	0	0	0	-14.3k	-3.92k	-1.97k
	6.67k	1.92k																-
0	49	8	61	0	0	0	0	-17.0k	-5.75k	-2.17k	-8.85k	-8.23k	0	0	0	-14.0k	-3.79k	-1.91k
	6.49k	2.11k																-

0	49	1	62	0	0	0	0	-27.1k	-10.1k	-2.33k	-5.85k	-1.48k	0	0	0	-25.5k	-9.05k	-1.94k	-
4.50k	-1.01k	2	62	0	0	0	0	-20.8k	-7.74k	-1.79k	-4.50k	-1.14k	0	0	0	-19.6k	-6.96k	-1.49k	-
3.46k	-779	3	62	0	0	0	0	-20.8k	-7.74k	-1.79k	-4.50k	-1.14k	0	0	0	-19.6k	-6.96k	-1.49k	-
0	49	4	62	0	0	0	0	-20.8k	-7.74k	-1.79k	-4.50k	-1.14k	0	0	0	-19.6k	-6.96k	-1.49k	-
3.46k	-779	7	62	0	0	0	0	-20.6k	-7.66k	-1.75k	-4.40k	-1.13k	0	0	0	-19.3k	-6.86k	-1.43k	-
0	49	8	62	0	0	0	0	-20.5k	-7.58k	-1.71k	-4.32k	-1.12k	0	0	0	-19.0k	-6.77k	-1.38k	-
3.24k	-733	1	67	0	0	0	0	-26.8k	-10.4k	-2.75k	-5.70k	-1.51k	0	0	0	-25.2k	-9.35k	-2.23k	-
0	49	2	67	0	0	0	0	-20.6k	-7.96k	-2.11k	-4.39k	-1.17k	0	0	0	-19.4k	-7.19k	-1.71k	-
3.44k	-808	3	67	0	0	0	0	-20.6k	-7.96k	-2.11k	-4.39k	-1.17k	0	0	0	-19.4k	-7.19k	-1.71k	-
0	49	4	67	0	0	0	0	-20.6k	-7.96k	-2.11k	-4.39k	-1.17k	0	0	0	-19.4k	-7.19k	-1.71k	-
3.44k	-808	7	67	0	0	0	0	-20.5k	-7.87k	-2.07k	-4.29k	-1.15k	0	0	0	-19.1k	-7.09k	-1.65k	-
0	49	8	67	0	0	0	0	-20.3k	-7.80k	-2.04k	-4.21k	-1.15k	0	0	0	-18.8k	-7.00k	-1.60k	-
3.21k	-757	1	66	0	0	0	0	-22.2k	-7.61k	-3.40k	-10.5k	-12.3k	0	0	0	-19.2k	-6.83k	-3.17k	-
0	49	2	66	0	0	0	0	-17.1k	-5.85k	-2.62k	-8.06k	-9.44k	0	0	0	-14.7k	-5.26k	-2.44k	-
6.73k	1.68k	3	66	0	0	0	0	-17.1k	-5.85k	-2.62k	-8.06k	-9.44k	0	0	0	-14.7k	-5.26k	-2.44k	-
0	49	4	66	0	0	0	0	-17.1k	-5.85k	-2.62k	-8.06k	-9.44k	0	0	0	-14.7k	-5.26k	-2.44k	-
6.73k	1.68k	7	66	0	0	0	0	-16.9k	-5.78k	-2.56k	-7.89k	-8.44k	0	0	0	-14.4k	-5.15k	-2.36k	-
0	49	8	66	0	0	0	0	-16.8k	-5.72k	-2.50k	-7.73k	-7.56k	0	0	0	-14.1k	-5.06k	-2.30k	-
6.33k	2.14k	1	-	-	0	0	0	-26.9k	-10.2k	-3.18k	-10.5k	-2.55k	0	0	0	-20.7k	-6.86k	-2.13k	-
0	49	2	-	-	0	0	0	-20.7k	-7.81k	-2.44k	-8.09k	-1.96k	0	0	0	-15.9k	-5.27k	-1.64k	-
4.48k	2.20k	3	-	-	0	0	0	-20.7k	-7.81k	-2.44k	-8.09k	-1.96k	0	0	0	-15.9k	-5.27k	-1.64k	-
0	49	4	-	-	0	0	0	-20.7k	-7.81k	-2.44k	-8.09k	-1.96k	0	0	0	-15.9k	-5.27k	-1.64k	-
3.44k	1.69k	7	-	-	0	0	0	-20.5k	-7.73k	-2.40k	-7.90k	-1.64k	0	0	0	-15.6k	-5.17k	-1.58k	-
0	49	8	-	-	0	0	0	-20.4k	-7.65k	-2.36k	-7.74k	-1.37k	0	0	0	-15.3k	-5.08k	-1.52k	-
3.22k	2.13k	1	62	0	0	0	0	-28.3k	-10.9k	-2.03k	-3.58k	-1.73k	0	0	0	-27.0k	-9.97k	-1.46k	-
0	50	2	62	0	0	0	0	-21.8k	-8.35k	-1.56k	-2.75k	-1.33k	0	0	0	-20.8k	-7.67k	-1.12k	-
2.26k	-1.48k	3	62	0	0	0	0	-21.8k	-8.35k	-1.56k	-2.75k	-1.33k	0	0	0	-20.8k	-7.67k	-1.12k	-
0	50	4	62	0	0	0	0	-21.8k	-8.35k	-1.56k	-2.75k	-1.33k	0	0	0	-20.8k	-7.67k	-1.12k	-
1.74k	-1.14k	7	62	0	0	0	0	-21.6k	-8.26k	-1.53k	-2.68k	-1.32k	0	0	0	-20.5k	-7.57k	-1.07k	-
0	50	8	62	0	0	0	0	-21.5k	-8.19k	-1.49k	-2.61k	-1.31k	0	0	0	-20.2k	-7.49k	-1.02k	-
1.58k	-1.11k	1	63	0	0	0	0	-29.4k	-11.9k	-603	-754	-2.08k	0	0	0	-29.2k	-11.6k	-72.7	-
1.44k	-1.10k	2	63	0	0	0	0	-22.6k	-9.13k	-464	-580	-1.60k	0	0	0	-22.5k	-8.91k	-56.0	-
0	50	3	63	0	0	0	0	-22.6k	-9.13k	-464	-580	-1.60k	0	0	0	-22.5k	-8.91k	-56.0	-
0	50	4	63	0	0	0	0	-22.6k	-9.13k	-464	-580	-1.60k	0	0	0	-22.5k	-8.91k	-56.0	-
0	50	7	63	0	0	0	0	-22.6k	-9.10k	-442	-508	-1.59k	0	0	0	-22.4k	-8.83k	-4.65	-
53.7	-1.53k	8	63	0	0	0	0	-22.6k	-9.08k	-423	-447	-1.59k	0	0	0	-22.3k	-8.76k	39.6	-
0	50	1	68	0	0	0	0	-29.2k	-12.3k	-722	-755	-2.13k	0	0	0	-28.9k	-12.0k	-88.5	-
232	-1.51k	2	68	0	0	0	0	-22.4k	-9.45k	-555	-581	-1.64k	0	0	0	-22.3k	-9.27k	-68.1	-
0	50	3	68	0	0	0	0	-22.4k	-9.45k	-555	-581	-1.64k	0	0	0	-22.3k	-9.27k	-68.1	-
0	50	4	68	0	0	0	0	-22.4k	-9.45k	-555	-581	-1.64k	0	0	0	-22.3k	-9.27k	-68.1	-
0	50	7	68	0	0	0	0	-22.4k	-9.42k	-532	-510	-1.63k	0	0	0	-22.1k	-9.18k	-13.1	-
157	-1.59k	8	68	0	0	0	0	-22.4k	-9.39k	-513	-449	-1.62k	0	0	0	-22.0k	-9.11k	34.4	-
0	50	1	67	0	0	0	0	-28.0k	-11.3k	-2.32k	-3.55k	-1.78k	0	0	0	-26.8k	-10.3k	-1.72k	-
2.24k	-1.52k	2	67	0	0	0	0	-21.5k	-8.67k	-1.79k	-2.73k	-1.37k	0	0	0	-20.6k	-7.89k	-1.33k	-
0	50	3	67	0	0	0	0	-21.5k	-8.67k	-1.79k	-2.73k	-1.37k	0	0	0	-20.6k	-7.89k	-1.33k	-
1.72k	-1.17k	4	67	0	0	0	0	-21.5k	-8.67k	-1.79k	-2.73k	-1.37k	0	0	0	-20.6k	-7.89k	-1.33k	-
0	50	7	67	0	0	0	0	-21.4k	-8.58k	-1.75k	-2.65k	-1.36k	0	0	0	-20.3k	-7.79k	-1.27k	-
1.72k	-1.17k	8	67	0	0	0	0	-21.2k	-8.51k	-1.72k	-2.58k	-1.35k	0	0	0	-20.0k	-7.70k	-1.21k	-
0	50																		-
1.43k	-1.12k																		-

0	50	1	-	-	0	0	0	-29.3k	-12.0k	-2.13k	-3.56k	-2.11k	0	0	0	-26.9k	-10.2k	-84.7
	-203	-1.50k																
0	50	2	-	-	0	0	0	-22.5k	-9.23k	-1.64k	-2.74k	-1.62k	0	0	0	-20.7k	-7.82k	-65.2
	-156	-1.15k																
0	50	3	-	-	0	0	0	-22.5k	-9.23k	-1.64k	-2.74k	-1.62k	0	0	0	-20.7k	-7.82k	-65.2
	-156	-1.15k																
0	50	4	-	-	0	0	0	-22.5k	-9.23k	-1.64k	-2.74k	-1.62k	0	0	0	-20.7k	-7.82k	-65.2
	-156	-1.15k																
0	50	7	-	-	0	0	0	-22.5k	-9.21k	-1.60k	-2.66k	-1.61k	0	0	0	-20.4k	-7.72k	-11.4
	52.5	-1.13k																
0	50	8	-	-	0	0	0	-22.4k	-9.18k	-1.57k	-2.59k	-1.61k	0	0	0	-20.2k	-7.63k	34.9
	230	-1.11k																
0	51	1	63	0	0	0	0	-29.4k	-11.9k	-82.8	39.8	-2.08k	0	0	0	-29.3k	-11.6k	456
	568	-2.05k																
0	51	2	63	0	0	0	0	-22.6k	-9.13k	-63.7	30.6	-1.60k	0	0	0	-22.5k	-8.96k	350
	437	-1.58k																
0	51	3	63	0	0	0	0	-22.6k	-9.13k	-63.7	30.6	-1.60k	0	0	0	-22.5k	-8.96k	350
	437	-1.58k																
0	51	4	63	0	0	0	0	-22.6k	-9.13k	-63.7	30.6	-1.60k	0	0	0	-22.5k	-8.96k	350
	437	-1.58k																
0	51	7	63	0	0	0	0	-22.6k	-9.10k	-47.5	93.9	-1.59k	0	0	0	-22.4k	-8.88k	403
	642	-1.55k																
0	51	8	63	0	0	0	0	-22.6k	-9.08k	-33.5	148	-1.59k	0	0	0	-22.3k	-8.81k	449
	816	-1.53k																
0	51	1	64	0	0	0	0	-28.5k	-11.0k	1.33k	1.94k	-1.80k	0	0	0	-27.4k	-10.2k	1.91k
	3.15k	-1.56k																
0	51	2	64	0	0	0	0	-22.0k	-8.45k	1.02k	1.49k	-1.38k	0	0	0	-21.0k	-7.85k	1.47k
	2.42k	-1.20k																
0	51	3	64	0	0	0	0	-22.0k	-8.45k	1.02k	1.49k	-1.38k	0	0	0	-21.0k	-7.85k	1.47k
	2.42k	-1.20k																
0	51	4	64	0	0	0	0	-22.0k	-8.45k	1.02k	1.49k	-1.38k	0	0	0	-21.0k	-7.85k	1.47k
	2.42k	-1.20k																
0	51	7	64	0	0	0	0	-21.8k	-8.37k	1.05k	1.57k	-1.37k	0	0	0	-20.8k	-7.75k	1.53k
	2.56k	-1.18k																
0	51	8	64	0	0	0	0	-21.7k	-8.30k	1.08k	1.63k	-1.36k	0	0	0	-20.5k	-7.67k	1.58k
	2.68k	-1.16k																
0	51	1	69	0	0	0	0	-28.2k	-11.5k	1.58k	1.93k	-1.84k	0	0	0	-27.1k	-10.5k	2.18k
	3.12k	-1.60k																
0	51	2	69	0	0	0	0	-21.7k	-8.81k	1.22k	1.49k	-1.42k	0	0	0	-20.9k	-8.08k	1.68k
	2.40k	-1.23k																
0	51	3	69	0	0	0	0	-21.7k	-8.81k	1.22k	1.49k	-1.42k	0	0	0	-20.9k	-8.08k	1.68k
	2.40k	-1.23k																
0	51	4	69	0	0	0	0	-21.7k	-8.81k	1.22k	1.49k	-1.42k	0	0	0	-20.9k	-8.08k	1.68k
	2.40k	-1.23k																
0	51	7	69	0	0	0	0	-21.5k	-8.73k	1.25k	1.56k	-1.40k	0	0	0	-20.6k	-7.98k	1.74k
	2.54k	-1.21k																
0	51	8	69	0	0	0	0	-21.4k	-8.66k	1.27k	1.63k	-1.40k	0	0	0	-20.3k	-7.90k	1.79k
	2.66k	-1.19k																
0	51	1	68	0	0	0	0	-29.2k	-12.3k	-88.6	39.8	-2.13k	0	0	0	-29.0k	-12.1k	546
	569	-2.10k																
0	51	2	68	0	0	0	0	-22.4k	-9.45k	-68.2	30.6	-1.64k	0	0	0	-22.3k	-9.30k	420
	438	-1.61k																
0	51	3	68	0	0	0	0	-22.4k	-9.45k	-68.2	30.6	-1.64k	0	0	0	-22.3k	-9.30k	420
	438	-1.61k																
0	51	4	68	0	0	0	0	-22.4k	-9.45k	-68.2	30.6	-1.64k	0	0	0	-22.3k	-9.30k	420
	438	-1.61k																
0	51	7	68	0	0	0	0	-22.4k	-9.42k	-50.8	93.6	-1.63k	0	0	0	-22.2k	-9.22k	477
	641	-1.59k																
0	51	8	68	0	0	0	0	-22.4k	-9.40k	-35.9	147	-1.62k	0	0	0	-22.1k	-9.15k	527
	814	-1.57k																
0	51	1	-	-	0	0	0	-29.3k	-12.1k	-85.0	39.8	-2.11k	0	0	0	-27.3k	-10.4k	2.00k
	3.13k	-1.58k																
0	51	2	-	-	0	0	0	-22.5k	-9.27k	-65.3	30.6	-1.62k	0	0	0	-21.0k	-8.00k	1.54k
	2.41k	-1.22k																
0	51	3	-	-	0	0	0	-22.5k	-9.27k	-65.3	30.6	-1.62k	0	0	0	-21.0k	-8.00k	1.54k
	2.41k	-1.22k																
0	51	4	-	-	0	0	0	-22.5k	-9.27k	-65.3	30.6	-1.62k	0	0	0	-21.0k	-8.00k	1.54k
	2.41k	-1.22k																
0	51	7	-	-	0	0	0	-22.5k	-9.23k	-48.4	93.8	-1.61k	0	0	0	-20.7k	-7.91k	1.60k
	2.54k	-1.19k																
0	51	8	-	-	0	0	0	-22.4k	-9.19k	-33.8	147	-1.61k	0	0	0	-20.5k	-7.82k	1.65k
	2.66k	-1.18k																
0	52	1	64	0	0	0	0	-27.4k	-10.3k	1.82k	4.04k	-1.56k	0	0	0	-25.8k	-9.23k	2.22k
	5.45k	-1.10k																
0	52	2	64	0	0	0	0	-21.1k	-7.93k	1.40k	3.11k	-1.20k	0	0	0	-19.8k	-7.10k	1.70k
	4.19k	-848																
0	52	3	64	0	0	0	0	-21.1k	-7.93k	1.40k	3.11k	-1.20k	0	0	0	-19.8k	-7.10k	1.70k
	4.19k	-848																
0	52	4	64	0	0	0	0	-21.1k	-7.93k	1.40k	3.11k	-1.20k	0	0	0	-19.8k	-7.10k	1.70k
	4.19k	-848																
0	52	7	64	0	0	0	0	-20.9k	-7.84k	1.44k	3.19k	-1.19k	0	0	0	-19.5k	-7.00k	1.77k
	4.32k	-823																
0	52	8	64	0	0	0	0	-20.8k	-7.77k	1.47k	3.26k	-1.18k	0	0	0	-19.3k	-6.91k	1.82k
	4.43k	-800																
0	52	1	65	0	0	0	0	-22.5k	-7.67k	2.65k	8.99k	-12.0k	0	0	0	-19.0k	-5.34k	2.95k
	11.7k	2.00k																
0	52	2	65	0	0	0	0	-17.3k	-5.90k	2.03k	6.92k	-9.24k	0	0	0	-14.6k	-4.11k	2.27k
	9.03k	1.54k																
0	52	3	65	0	0	0	0	-17.3k	-5.90k	2.03k	6.92k	-9.24k	0	0	0	-14.6k	-4.11k	2.27k
	9.03k	1.54k																
0	52	4	65	0	0	0	0	-17.3k	-5.90k	2.03k	6.92k	-9.24k	0	0	0	-14.6k	-4.11k	2.27k
	9.03k	1.54k																
0	52	7	65	0	0	0	0	-17.1k	-5.82k	2.08k	7.06k	-8.31k	0	0	0	-14.3k	-3.97k	2.35k
	9.32k	1.77k																
0	52	8	65	0	0	0	0	-17.0k	-5.76k	2.13k	7.19k	-7.50k	0	0	0	-14.0k	-3.85k	2.42k
	9.57k	1.97k																

0	52	1	70	0	0	0	0	-22.2k	-7.60k	3.15k	8.65k	-11.3k	0	0	0	-19.1k	-6.85k	3.41k
	10.5k	1.96k																
0	52	2	70	0	0	0	0	-17.1k	-5.84k	2.42k	6.65k	-8.66k	0	0	0	-14.7k	-5.27k	2.63k
	8.07k	1.50k																
0	52	3	70	0	0	0	0	-17.1k	-5.84k	2.42k	6.65k	-8.66k	0	0	0	-14.7k	-5.27k	2.63k
	8.07k	1.50k																
0	52	4	70	0	0	0	0	-17.1k	-5.84k	2.42k	6.65k	-8.66k	0	0	0	-14.7k	-5.27k	2.63k
	8.07k	1.50k																
0	52	7	70	0	0	0	0	-16.9k	-5.77k	2.47k	6.79k	-7.70k	0	0	0	-14.4k	-5.17k	2.70k
	8.33k	1.76k																
0	52	8	70	0	0	0	0	-16.8k	-5.71k	2.52k	6.92k	-6.86k	0	0	0	-14.1k	-5.08k	2.77k
	8.56k	1.98k																
0	52	1	69	0	0	0	0	-27.2k	-10.6k	2.09k	4.01k	-1.60k	0	0	0	-25.5k	-9.55k	2.67k
	5.31k	-1.14k																
0	52	2	69	0	0	0	0	-20.9k	-8.16k	1.61k	3.09k	-1.23k	0	0	0	-19.6k	-7.35k	2.05k
	4.09k	-878																
0	52	3	69	0	0	0	0	-20.9k	-8.16k	1.61k	3.09k	-1.23k	0	0	0	-19.6k	-7.35k	2.05k
	4.09k	-878																
0	52	4	69	0	0	0	0	-20.9k	-8.16k	1.61k	3.09k	-1.23k	0	0	0	-19.6k	-7.35k	2.05k
	4.09k	-878																
0	52	7	69	0	0	0	0	-20.7k	-8.07k	1.64k	3.17k	-1.22k	0	0	0	-19.3k	-7.24k	2.12k
	4.21k	-850																
0	52	8	69	0	0	0	0	-20.6k	-7.99k	1.67k	3.24k	-1.21k	0	0	0	-19.0k	-7.15k	2.17k
	4.32k	-825																
0	52	1	-	-	0	0	0	-27.3k	-10.4k	2.00k	4.02k	-3.21k	0	0	0	-20.7k	-6.85k	3.19k
	10.5k	1.98k																
0	52	2	-	-	0	0	0	-21.0k	-8.00k	1.54k	3.09k	-2.47k	0	0	0	-15.9k	-5.27k	2.45k
	8.11k	1.52k																
0	52	3	-	-	0	0	0	-21.0k	-8.00k	1.54k	3.09k	-2.47k	0	0	0	-15.9k	-5.27k	2.45k
	8.11k	1.52k																
0	52	4	-	-	0	0	0	-21.0k	-8.00k	1.54k	3.09k	-2.47k	0	0	0	-15.9k	-5.27k	2.45k
	8.11k	1.52k																
0	52	7	-	-	0	0	0	-20.8k	-7.91k	1.57k	3.17k	-2.14k	0	0	0	-15.6k	-5.16k	2.53k
	8.37k	1.76k																
0	52	8	-	-	0	0	0	-20.7k	-7.84k	1.60k	3.24k	-1.86k	0	0	0	-15.3k	-5.08k	2.60k
	8.60k	1.98k																
0	53	1	66	0	0	0	0	-22.3k	-7.79k	-4.41k	-11.9k	-9.83k	0	0	0	-18.8k	-5.34k	-3.21k
	8.81k	1.38k																-
0	53	2	66	0	0	0	0	-17.1k	-6.00k	-3.39k	-9.12k	-7.56k	0	0	0	-14.5k	-4.11k	-2.47k
	6.78k	1.06k																-
0	53	3	66	0	0	0	0	-17.1k	-6.00k	-3.39k	-9.12k	-7.56k	0	0	0	-14.5k	-4.11k	-2.47k
	6.78k	1.06k																-
0	53	4	66	0	0	0	0	-17.1k	-6.00k	-3.39k	-9.12k	-7.56k	0	0	0	-14.5k	-4.11k	-2.47k
	6.78k	1.06k																-
0	53	7	66	0	0	0	0	-16.9k	-5.92k	-3.35k	-8.93k	-6.61k	0	0	0	-14.2k	-3.96k	-2.40k
	6.57k	1.27k																-
0	53	8	66	0	0	0	0	-16.8k	-5.85k	-3.31k	-8.76k	-5.78k	0	0	0	-13.9k	-3.83k	-2.34k
	6.39k	1.46k																-
0	53	1	67	0	0	0	0	-26.8k	-11.0k	-3.32k	-5.76k	-1.55k	0	0	0	-25.1k	-9.34k	-2.32k
	4.35k	-1.16k																-
0	53	2	67	0	0	0	0	-20.6k	-8.43k	-2.55k	-4.43k	-1.19k	0	0	0	-19.3k	-7.18k	-1.78k
	3.35k	-894																-
0	53	3	67	0	0	0	0	-20.6k	-8.43k	-2.55k	-4.43k	-1.19k	0	0	0	-19.3k	-7.18k	-1.78k
	3.35k	-894																-
0	53	4	67	0	0	0	0	-20.6k	-8.43k	-2.55k	-4.43k	-1.19k	0	0	0	-19.3k	-7.18k	-1.78k
	3.35k	-894																-
0	53	7	67	0	0	0	0	-20.4k	-8.33k	-2.52k	-4.34k	-1.18k	0	0	0	-19.0k	-7.08k	-1.72k
	3.22k	-869																-
0	53	8	67	0	0	0	0	-20.3k	-8.25k	-2.49k	-4.25k	-1.17k	0	0	0	-18.7k	-6.99k	-1.67k
	3.12k	-846																-
0	53	1	72	0	0	0	0	-24.4k	-12.5k	-6.61k	-5.05k	-1.37k	0	0	0	-21.7k	-10.9k	-4.55k
	4.17k	-828																-
0	53	2	72	0	0	0	0	-18.7k	-9.60k	-5.08k	-3.89k	-1.06k	0	0	0	-16.7k	-8.40k	-3.50k
	3.21k	-637																-
0	53	3	72	0	0	0	0	-18.7k	-9.60k	-5.08k	-3.89k	-1.06k	0	0	0	-16.7k	-8.40k	-3.50k
	3.21k	-637																-
0	53	4	72	0	0	0	0	-18.7k	-9.60k	-5.08k	-3.89k	-1.06k	0	0	0	-16.7k	-8.40k	-3.50k
	3.21k	-637																-
0	53	7	72	0	0	0	0	-18.6k	-9.50k	-5.05k	-3.79k	-1.04k	0	0	0	-16.4k	-8.29k	-3.43k
	3.09k	-617																-
0	53	8	72	0	0	0	0	-18.4k	-9.41k	-5.01k	-3.71k	-1.03k	0	0	0	-16.2k	-8.20k	-3.37k
	3.00k	-599																-
0	53	1	71	0	0	0	0	-19.6k	-8.10k	-9.38k	-9.49k	-823	0	0	0	-16.1k	-5.46k	-6.89k
	7.87k	5.17k																-
0	53	2	71	0	0	0	0	-15.0k	-6.23k	-7.22k	-7.30k	-633	0	0	0	-12.4k	-4.20k	-5.30k
	6.05k	3.98k																-
0	53	3	71	0	0	0	0	-15.0k	-6.23k	-7.22k	-7.30k	-633	0	0	0	-12.4k	-4.20k	-5.30k
	6.05k	3.98k																-
0	53	4	71	0	0	0	0	-15.0k	-6.23k	-7.22k	-7.30k	-633	0	0	0	-12.4k	-4.20k	-5.30k
	6.05k	3.98k																-
0	53	7	71	0	0	0	0	-14.9k	-6.15k	-7.17k	-7.08k	-469	0	0	0	-12.1k	-4.12k	-5.24k
	5.84k	4.84k																-
0	53	8	71	0	0	0	0	-14.7k	-6.08k	-7.13k	-6.89k	-324	0	0	0	-11.9k	-4.04k	-5.20k
	5.66k	5.59k																-
0	53	1	-	-	0	0	0	-25.7k	-11.7k	-8.13k	-9.89k	-1.55k	0	0	0	-19.0k	-7.10k	-2.81k
	4.21k	174																-
0	53	2	-	-	0	0	0	-19.8k	-9.01k	-6.26k	-7.61k	-1.19k	0	0	0	-14.6k	-5.46k	-2.16k
	3.24k	134																-
0	53	3	-	-	0	0	0	-19.8k	-9.01k	-6.26k	-7.61k	-1.19k	0	0	0	-14.6k	-5.46k	-2.16k
	3.24k	134																-
0	53	4	-	-	0	0	0	-19.8k	-9.01k	-6.26k	-7.61k	-1.19k	0	0	0	-14.6k	-5.46k	-2.16k
	3.24k	134																-
0	53	7	-	-	0	0	0	-19.6k	-8.91k	-6.21k	-7.44k	-1.18k	0	0	0	-14.3k	-5.36k	-2.10k
	3.12k	232																-
0	53	8	-	-	0	0	0	-19.5k	-8.82k	-6.18k	-7.29k	-1.17k	0	0	0	-14.1k	-5.27k	-2.04k
	3.02k	319																-

0	54	1	67	0	0	0	0	-28.0k	-11.7k	-3.05k	-3.54k	-1.84k	0	0	0	-26.1k	-10.3k	-1.74k	-
2.23k	-1.53k	54	2	67	0	0	0	-21.5k	-9.03k	-2.35k	-2.72k	-1.42k	0	0	0	-20.1k	-7.96k	-1.34k	-
0	54	3	67	0	0	0	0	-21.5k	-9.03k	-2.35k	-2.72k	-1.42k	0	0	0	-20.1k	-7.96k	-1.34k	-
1.72k	-1.18k	54	4	67	0	0	0	-21.5k	-9.03k	-2.35k	-2.72k	-1.42k	0	0	0	-20.1k	-7.96k	-1.34k	-
0	54	7	67	0	0	0	0	-21.4k	-8.94k	-2.32k	-2.64k	-1.41k	0	0	0	-19.8k	-7.86k	-1.28k	-
1.72k	-1.18k	54	8	67	0	0	0	-21.2k	-8.87k	-2.29k	-2.57k	-1.40k	0	0	0	-19.5k	-7.77k	-1.23k	-
1.56k	-1.16k	54	1	68	0	0	0	-29.1k	-13.2k	-803	-758	-2.25k	0	0	0	-28.4k	-12.1k	-85.0	-
0	54	2	68	0	0	0	0	-22.4k	-10.1k	-618	-583	-1.73k	0	0	0	-21.8k	-9.32k	-65.4	-
1.43k	-1.14k	54	3	68	0	0	0	-22.4k	-10.1k	-618	-583	-1.73k	0	0	0	-21.8k	-9.32k	-65.4	-
0	54	4	68	0	0	0	0	-22.4k	-10.1k	-618	-583	-1.73k	0	0	0	-21.8k	-9.32k	-65.4	-
0	54	7	68	0	0	0	0	-22.3k	-10.1k	-594	-512	-1.72k	0	0	0	-21.7k	-9.23k	-9.07	-
0	51.0	54	8	68	0	0	0	-22.3k	-10.1k	-574	-451	-1.72k	0	0	0	-21.6k	-9.16k	39.5	-
0	227	54	1	73	0	0	0	-26.7k	-15.5k	-1.68k	-882	-2.13k	0	0	0	-25.1k	-14.6k	-177	-
0	228	54	2	73	0	0	0	-20.6k	-11.9k	-1.29k	-679	-1.64k	0	0	0	-19.3k	-11.3k	-136	-
0	-175	54	3	73	0	0	0	-20.6k	-11.9k	-1.29k	-679	-1.64k	0	0	0	-19.3k	-11.3k	-136	-
0	-175	54	4	73	0	0	0	-20.6k	-11.9k	-1.29k	-679	-1.64k	0	0	0	-19.3k	-11.3k	-136	-
0	-175	54	7	73	0	0	0	-20.5k	-11.9k	-1.26k	-613	-1.63k	0	0	0	-19.2k	-11.2k	-56.2	-
0	17.0	54	8	73	0	0	0	-20.5k	-11.9k	-1.23k	-557	-1.62k	0	0	0	-19.0k	-11.1k	12.3	-
0	180	54	1	72	0	0	0	-25.1k	-13.9k	-5.63k	-3.47k	-1.61k	0	0	0	-22.8k	-12.0k	-3.64k	-
0	2.31k	54	2	72	0	0	0	-19.3k	-10.7k	-4.33k	-2.67k	-1.24k	0	0	0	-17.6k	-9.21k	-2.80k	-
0	1.77k	54	3	72	0	0	0	-19.3k	-10.7k	-4.33k	-2.67k	-1.24k	0	0	0	-17.6k	-9.21k	-2.80k	-
0	1.77k	54	4	72	0	0	0	-19.3k	-10.7k	-4.33k	-2.67k	-1.24k	0	0	0	-17.6k	-9.21k	-2.80k	-
0	1.77k	54	7	72	0	0	0	-19.1k	-10.6k	-4.29k	-2.59k	-1.23k	0	0	0	-17.3k	-9.10k	-2.72k	-
0	1.63k	54	8	72	0	0	0	-19.0k	-10.5k	-4.26k	-2.52k	-1.21k	0	0	0	-17.1k	-9.01k	-2.66k	-
0	1.51k	54	1	-	-	0	0	-28.8k	-15.0k	-4.14k	-3.46k	-2.27k	0	0	0	-24.4k	-11.2k	-132	-
0	-212	54	2	-	-	0	0	-22.1k	-11.5k	-3.18k	-2.66k	-1.75k	0	0	0	-18.8k	-8.61k	-101	-
0	-163	54	3	-	-	0	0	-22.1k	-11.5k	-3.18k	-2.66k	-1.75k	0	0	0	-18.8k	-8.61k	-101	-
0	-163	54	4	-	-	0	0	-22.1k	-11.5k	-3.18k	-2.66k	-1.75k	0	0	0	-18.8k	-8.61k	-101	-
0	-163	54	7	-	-	0	0	-22.0k	-11.5k	-3.15k	-2.58k	-1.74k	0	0	0	-18.6k	-8.50k	-33.0	-
0	37.8	54	8	-	-	0	0	-21.8k	-11.4k	-3.12k	-2.52k	-1.73k	0	0	0	-18.4k	-8.41k	25.8	-
0	209	55	1	68	0	0	0	-29.1k	-13.2k	-122	39.8	-2.25k	0	0	0	-28.4k	-12.2k	607	-
0	571	55	2	68	0	0	0	-22.4k	-10.1k	-94.1	30.6	-1.73k	0	0	0	-21.8k	-9.37k	467	-
0	440	55	3	68	0	0	0	-22.4k	-10.1k	-94.1	30.6	-1.73k	0	0	0	-21.8k	-9.37k	467	-
0	440	55	4	68	0	0	0	-22.4k	-10.1k	-94.1	30.6	-1.73k	0	0	0	-21.8k	-9.37k	467	-
0	440	55	7	68	0	0	0	-22.3k	-10.1k	-74.2	92.7	-1.72k	0	0	0	-21.7k	-9.29k	527	-
0	642	55	8	68	0	0	0	-22.3k	-10.1k	-56.9	145	-1.72k	0	0	0	-21.6k	-9.21k	579	-
0	814	55	1	69	0	0	0	-28.2k	-11.8k	1.59k	1.93k	-1.91k	0	0	0	-26.3k	-10.6k	2.96k	-
0	3.12k	55	2	69	0	0	0	-21.7k	-9.05k	1.22k	1.48k	-1.47k	0	0	0	-20.2k	-8.15k	2.28k	-
0	2.40k	55	3	69	0	0	0	-21.7k	-9.05k	1.22k	1.48k	-1.47k	0	0	0	-20.2k	-8.15k	2.28k	-
0	2.40k	55	4	69	0	0	0	-21.7k	-9.05k	1.22k	1.48k	-1.47k	0	0	0	-20.2k	-8.15k	2.28k	-
0	2.40k	55	7	69	0	0	0	-21.5k	-8.97k	1.25k	1.56k	-1.45k	0	0	0	-20.0k	-8.06k	2.34k	-
0	2.53k	55	8	69	0	0	0	-21.4k	-8.90k	1.28k	1.62k	-1.45k	0	0	0	-19.7k	-7.97k	2.40k	-
0	2.65k	55	1	74	0	0	0	-25.3k	-14.2k	3.43k	2.02k	-1.63k	0	0	0	-23.2k	-12.3k	5.25k	-
0	3.12k	55	2	74	0	0	0	-19.5k	-10.9k	2.64k	1.55k	-1.26k	0	0	0	-17.8k	-9.48k	4.04k	-
0	2.40k	55	3	74	0	0	0	-19.5k	-10.9k	2.64k	1.55k	-1.26k	0	0	0	-17.8k	-9.48k	4.04k	-
0	2.40k	55	4	74	0	0	0	-19.5k	-10.9k	2.64k	1.55k	-1.26k	0	0	0	-17.8k	-9.48k	4.04k	-
0	2.40k	55	7	74	0	0	0	-19.3k	-10.8k	2.67k	1.63k	-1.24k	0	0	0	-17.6k	-9.38k	4.12k	-
0	2.52k	55	8	74	0	0	0	-19.1k	-10.8k	2.70k	1.69k	-1.23k	0	0	0	-17.4k	-9.28k	4.18k	-
0	2.63k	55	-872																

0	55	1	73	0	0	0	0	-26.7k	-15.5k	-205	43.1	-2.13k	0	0	0	-25.2k	-14.7k	1.27k
	669	-1.83k																
0	55	2	73	0	0	0	0	-20.6k	-11.9k	-158	33.1	-1.64k	0	0	0	-19.4k	-11.3k	976
	514	-1.41k																
0	55	3	73	0	0	0	0	-20.6k	-11.9k	-158	33.1	-1.64k	0	0	0	-19.4k	-11.3k	976
	514	-1.41k																
0	55	4	73	0	0	0	0	-20.6k	-11.9k	-158	33.1	-1.64k	0	0	0	-19.4k	-11.3k	976
	514	-1.41k																
0	55	7	73	0	0	0	0	-20.5k	-11.9k	-131	90.7	-1.63k	0	0	0	-19.2k	-11.2k	1.07k
	693	-1.38k																
0	55	8	73	0	0	0	0	-20.5k	-11.9k	-108	137	-1.62k	0	0	0	-19.1k	-11.1k	1.14k
	844	-1.35k																
0	55	1	-	-	0	0	0	-28.9k	-15.1k	-159	40.8	-2.27k	0	0	0	-24.6k	-11.5k	3.87k
	3.06k	-1.56k																
0	55	2	-	-	0	0	0	-22.2k	-11.7k	-123	31.4	-1.75k	0	0	0	-18.9k	-8.86k	2.98k
	2.35k	-1.20k																
0	55	3	-	-	0	0	0	-22.2k	-11.7k	-123	31.4	-1.75k	0	0	0	-18.9k	-8.86k	2.98k
	2.35k	-1.20k																
0	55	4	-	-	0	0	0	-22.2k	-11.7k	-123	31.4	-1.75k	0	0	0	-18.9k	-8.86k	2.98k
	2.35k	-1.20k																
0	55	7	-	-	0	0	0	-22.1k	-11.6k	-99.4	91.7	-1.74k	0	0	0	-18.7k	-8.76k	3.05k
	2.48k	-1.18k																
0	55	8	-	-	0	0	0	-21.9k	-11.5k	-79.4	142	-1.73k	0	0	0	-18.6k	-8.67k	3.11k
	2.60k	-1.16k																
0	56	1	69	0	0	0	0	-27.1k	-11.3k	2.18k	3.91k	-1.64k	0	0	0	-25.4k	-9.53k	3.16k
	5.36k	-1.24k																
0	56	2	69	0	0	0	0	-20.9k	-8.72k	1.67k	3.01k	-1.26k	0	0	0	-19.5k	-7.33k	2.43k
	4.12k	-957																
0	56	3	69	0	0	0	0	-20.9k	-8.72k	1.67k	3.01k	-1.26k	0	0	0	-19.5k	-7.33k	2.43k
	4.12k	-957																
0	56	4	69	0	0	0	0	-20.9k	-8.72k	1.67k	3.01k	-1.26k	0	0	0	-19.5k	-7.33k	2.43k
	4.12k	-957																
0	56	7	69	0	0	0	0	-20.7k	-8.62k	1.71k	3.09k	-1.25k	0	0	0	-19.2k	-7.23k	2.50k
	4.25k	-931																
0	56	8	69	0	0	0	0	-20.5k	-8.54k	1.74k	3.16k	-1.24k	0	0	0	-18.9k	-7.14k	2.55k
	4.36k	-908																
0	56	1	70	0	0	0	0	-22.3k	-7.81k	3.20k	8.75k	-9.09k	0	0	0	-18.8k	-5.40k	4.41k
	11.6k	1.26k																
0	56	2	70	0	0	0	0	-17.1k	-6.00k	2.46k	6.73k	-6.99k	0	0	0	-14.5k	-4.16k	3.39k
	8.92k	969																
0	56	3	70	0	0	0	0	-17.1k	-6.00k	2.46k	6.73k	-6.99k	0	0	0	-14.5k	-4.16k	3.39k
	8.92k	969																
0	56	4	70	0	0	0	0	-17.1k	-6.00k	2.46k	6.73k	-6.99k	0	0	0	-14.5k	-4.16k	3.39k
	8.92k	969																
0	56	7	70	0	0	0	0	-16.9k	-5.93k	2.51k	6.86k	-6.08k	0	0	0	-14.2k	-4.01k	3.45k
	9.22k	1.19k																
0	56	8	70	0	0	0	0	-16.8k	-5.86k	2.55k	6.98k	-5.28k	0	0	0	-13.9k	-3.88k	3.51k
	9.47k	1.39k																
0	56	1	75	0	0	0	0	-19.7k	-8.19k	6.88k	7.74k	-828	0	0	0	-16.1k	-5.49k	9.36k
	9.32k	4.84k																
0	56	2	75	0	0	0	0	-15.1k	-6.30k	5.30k	5.96k	-637	0	0	0	-12.4k	-4.22k	7.20k
	7.17k	3.72k																
0	56	3	75	0	0	0	0	-15.1k	-6.30k	5.30k	5.96k	-637	0	0	0	-12.4k	-4.22k	7.20k
	7.17k	3.72k																
0	56	4	75	0	0	0	0	-15.1k	-6.30k	5.30k	5.96k	-637	0	0	0	-12.4k	-4.22k	7.20k
	7.17k	3.72k																
0	56	7	75	0	0	0	0	-15.0k	-6.23k	5.33k	6.10k	-467	0	0	0	-12.1k	-4.13k	7.26k
	7.45k	4.57k																
0	56	8	75	0	0	0	0	-14.8k	-6.16k	5.35k	6.23k	-319	0	0	0	-11.9k	-4.05k	7.31k
	7.69k	5.32k																
0	56	1	74	0	0	0	0	-24.7k	-12.9k	4.23k	3.80k	-1.47k	0	0	0	-21.6k	-11.2k	6.61k
	4.83k	-805																
0	56	2	74	0	0	0	0	-19.0k	-9.91k	3.26k	2.93k	-1.13k	0	0	0	-16.6k	-8.60k	5.08k
	3.71k	-619																
0	56	3	74	0	0	0	0	-19.0k	-9.91k	3.26k	2.93k	-1.13k	0	0	0	-16.6k	-8.60k	5.08k
	3.71k	-619																
0	56	4	74	0	0	0	0	-19.0k	-9.91k	3.26k	2.93k	-1.13k	0	0	0	-16.6k	-8.60k	5.08k
	3.71k	-619																
0	56	7	74	0	0	0	0	-18.8k	-9.80k	3.29k	3.01k	-1.12k	0	0	0	-16.4k	-8.49k	5.15k
	3.83k	-597																
0	56	8	74	0	0	0	0	-18.7k	-9.71k	3.31k	3.08k	-1.10k	0	0	0	-16.1k	-8.40k	5.21k
	3.93k	-577																
0	56	1	-	-	0	0	0	-26.0k	-12.1k	2.73k	3.83k	-1.64k	0	0	0	-19.0k	-7.10k	8.01k
	9.91k	169																
0	56	2	-	-	0	0	0	-20.0k	-9.27k	2.10k	2.95k	-1.26k	0	0	0	-14.6k	-5.46k	6.16k
	7.62k	130																
0	56	3	-	-	0	0	0	-20.0k	-9.27k	2.10k	2.95k	-1.26k	0	0	0	-14.6k	-5.46k	6.16k
	7.62k	130																
0	56	4	-	-	0	0	0	-20.0k	-9.27k	2.10k	2.95k	-1.26k	0	0	0	-14.6k	-5.46k	6.16k
	7.62k	130																
0	56	7	-	-	0	0	0	-19.9k	-9.17k	2.14k	3.03k	-1.25k	0	0	0	-14.3k	-5.36k	6.22k
	7.88k	243																
0	56	8	-	-	0	0	0	-19.7k	-9.08k	2.17k	3.10k	-1.24k	0	0	0	-14.1k	-5.27k	6.28k
	8.11k	343																
0	57	1	71	0	0	0	0	-18.1k	-8.16k	-11.5k	-8.49k	-2.23k	0	0	0	-15.6k	-6.61k	-8.70k
	7.18k	9.97k																-
0	57	2	71	0	0	0	0	-13.9k	-6.27k	-8.81k	-6.53k	-1.72k	0	0	0	-12.0k	-5.09k	-6.69k
	5.52k	7.67k																-
0	57	3	71	0	0	0	0	-13.9k	-6.27k	-8.81k	-6.53k	-1.72k	0	0	0	-12.0k	-5.09k	-6.69k
	5.52k	7.67k																-
0	57	4	71	0	0	0	0	-13.9k	-6.27k	-8.81k	-6.53k	-1.72k	0	0	0	-12.0k	-5.09k	-6.69k
	5.52k	7.67k																-
0	57	7	71	0	0	0	0	-13.8k	-6.20k	-8.76k	-6.33k	-1.61k	0	0	0	-11.8k	-4.95k	-6.63k
	5.32k	8.53k																-
0	57	8	71	0	0	0	0	-13.6k	-6.13k	-8.71k	-6.16k	-1.51k	0	0	0	-11.6k	-4.83k	-6.58k
	5.15k	9.28k																-

0	57	1	72	0	0	0	0	-22.8k	-12.8k	-7.62k	-5.03k	-878	0	0	0	-20.3k	-11.2k	-5.62k	-
4.19k	-225	2	72	0	0	0	0	-17.6k	-9.82k	-5.86k	-3.87k	-675	0	0	0	-15.6k	-8.59k	-4.32k	-
0	57	3	72	0	0	0	0	-17.6k	-9.82k	-5.86k	-3.87k	-675	0	0	0	-15.6k	-8.59k	-4.32k	-
3.22k	-173	4	72	0	0	0	0	-17.6k	-9.82k	-5.86k	-3.87k	-675	0	0	0	-15.6k	-8.59k	-4.32k	-
0	57	7	72	0	0	0	0	-17.4k	-9.71k	-5.82k	-3.77k	-658	0	0	0	-15.3k	-8.48k	-4.25k	-
3.12k	-142	8	72	0	0	0	0	-17.2k	-9.62k	-5.78k	-3.68k	-644	0	0	0	-15.1k	-8.39k	-4.18k	-
0	57	1	77	0	0	0	0	-16.4k	-12.4k	-12.2k	-7.52k	1.80k	0	0	0	-11.6k	-9.58k	-9.05k	-
3.02k	-115	2	77	0	0	0	0	-12.6k	-9.52k	-9.35k	-5.78k	1.38k	0	0	0	-8.93k	-7.37k	-6.96k	-
5.26k	4.34k	3	77	0	0	0	0	-12.6k	-9.52k	-9.35k	-5.78k	1.38k	0	0	0	-8.93k	-7.37k	-6.96k	-
0	57	4	77	0	0	0	0	-12.6k	-9.52k	-9.35k	-5.78k	1.38k	0	0	0	-8.93k	-7.37k	-6.96k	-
4.05k	3.34k	7	77	0	0	0	0	-12.5k	-9.43k	-9.27k	-5.73k	1.43k	0	0	0	-8.78k	-7.27k	-6.88k	-
0	57	8	77	0	0	0	0	-12.4k	-9.34k	-9.21k	-5.68k	1.47k	0	0	0	-8.66k	-7.19k	-6.80k	-
3.96k	3.41k	1	76	0	0	0	0	-10.4k	-7.27k	-19.3k	-12.5k	-1.59k	0	0	0	-3.41k	-2.91k	-14.8k	-
0	57	2	76	0	0	0	0	-7.96k	-5.60k	-14.9k	-9.63k	-1.22k	0	0	0	-2.62k	-2.24k	-11.4k	-
3.89k	3.48k	3	76	0	0	0	0	-7.96k	-5.60k	-14.9k	-9.63k	-1.22k	0	0	0	-2.62k	-2.24k	-11.4k	-
0	57	4	76	0	0	0	0	-7.96k	-5.60k	-14.9k	-9.63k	-1.22k	0	0	0	-2.62k	-2.24k	-11.4k	-
7.75k	21.4k	7	76	0	0	0	0	-7.85k	-5.53k	-14.8k	-9.36k	-1.03k	0	0	0	-2.50k	-2.17k	-11.3k	-
0	57	8	76	0	0	0	0	-7.76k	-5.48k	-14.7k	-9.12k	-856	0	0	0	-2.40k	-2.11k	-11.2k	-
5.60k	18.6k	1	-	-	0	0	0	-21.1k	-12.8k	-15.1k	-10.4k	-1.62k	0	0	0	-7.77k	-6.60k	-7.03k	-
0	57	2	-	-	0	0	0	-16.2k	-9.81k	-11.6k	-7.97k	-1.25k	0	0	0	-5.98k	-5.08k	-5.41k	-
4.47k	5.43k	3	-	-	0	0	0	-16.2k	-9.81k	-11.6k	-7.97k	-1.25k	0	0	0	-5.98k	-5.08k	-5.41k	-
0	57	4	-	-	0	0	0	-16.2k	-9.81k	-11.6k	-7.97k	-1.25k	0	0	0	-5.98k	-5.08k	-5.41k	-
3.44k	4.18k	7	-	-	0	0	0	-16.1k	-9.71k	-11.6k	-7.85k	-1.17k	0	0	0	-5.84k	-5.01k	-5.34k	-
0	57	8	-	-	0	0	0	-15.9k	-9.62k	-11.5k	-7.76k	-1.10k	0	0	0	-5.72k	-4.96k	-5.28k	-
3.26k	4.36k	1	72	0	0	0	0	-24.1k	-14.1k	-6.85k	-3.68k	-1.23k	0	0	0	-20.8k	-12.5k	-4.13k	-
0	58	2	72	0	0	0	0	-18.5k	-10.9k	-5.27k	-2.83k	-947	0	0	0	-16.0k	-9.61k	-3.17k	-
2.36k	-273	3	72	0	0	0	0	-18.5k	-10.9k	-5.27k	-2.83k	-947	0	0	0	-16.0k	-9.61k	-3.17k	-
0	58	4	72	0	0	0	0	-18.5k	-10.9k	-5.27k	-2.83k	-947	0	0	0	-16.0k	-9.61k	-3.17k	-
1.81k	-210	7	72	0	0	0	0	-18.3k	-10.8k	-5.23k	-2.75k	-931	0	0	0	-15.8k	-9.50k	-3.09k	-
0	58	8	72	0	0	0	0	-18.2k	-10.7k	-5.19k	-2.68k	-917	0	0	0	-15.6k	-9.40k	-3.02k	-
1.81k	-210	1	73	0	0	0	0	-25.3k	-16.1k	-1.82k	-913	-1.70k	0	0	0	-23.4k	-15.3k	-201	-
1.67k	-179	2	73	0	0	0	0	-19.5k	-12.4k	-1.40k	-702	-1.31k	0	0	0	-18.0k	-11.7k	-155	-
0	58	3	73	0	0	0	0	-19.5k	-12.4k	-1.40k	-702	-1.31k	0	0	0	-18.0k	-11.7k	-155	-
1.55k	-152	4	73	0	0	0	0	-19.5k	-12.4k	-1.40k	-702	-1.31k	0	0	0	-18.0k	-11.7k	-155	-
0	58	7	73	0	0	0	0	-19.4k	-12.4k	-1.36k	-638	-1.30k	0	0	0	-17.9k	-11.6k	-65.0	-
8.77	-884	8	73	0	0	0	0	-19.4k	-12.3k	-1.34k	-583	-1.29k	0	0	0	-17.8k	-11.5k	12.0	-
0	58	1	78	0	0	0	0	-19.4k	-16.6k	-3.73k	-1.01k	35.1	0	0	0	-15.9k	-15.7k	-360	-
0	145	2	78	0	0	0	0	-14.9k	-12.8k	-2.87k	-776	27.0	0	0	0	-12.2k	-12.1k	-277	-
0	195	3	78	0	0	0	0	-14.9k	-12.8k	-2.87k	-776	27.0	0	0	0	-12.2k	-12.1k	-277	-
0	195	4	78	0	0	0	0	-14.9k	-12.8k	-2.87k	-776	27.0	0	0	0	-12.2k	-12.1k	-277	-
0	195	7	78	0	0	0	0	-14.9k	-12.7k	-2.81k	-725	55.7	0	0	0	-12.1k	-11.9k	-159	-
80.9	1.14k	8	78	0	0	0	0	-14.9k	-12.7k	-2.77k	-681	80.9	0	0	0	-12.0k	-11.8k	-57.3	-
0	58	1	77	0	0	0	0	-17.2k	-13.9k	-10.6k	-4.70k	1.56k	0	0	0	-13.2k	-11.1k	-7.19k	-
2.65k	3.85k	2	77	0	0	0	0	-13.2k	-10.7k	-8.15k	-3.62k	1.20k	0	0	0	-10.2k	-8.56k	-5.53k	-
0	58	3	77	0	0	0	0	-13.2k	-10.7k	-8.15k	-3.62k	1.20k	0	0	0	-10.2k	-8.56k	-5.53k	-
2.04k	2.96k	4	77	0	0	0	0	-13.2k	-10.7k	-8.15k	-3.62k	1.20k	0	0	0	-10.2k	-8.56k	-5.53k	-
0	58	7	77	0	0	0	0	-13.1k	-10.6k	-8.07k	-3.55k	1.25k	0	0	0	-10.0k	-8.45k	-5.43k	-
2.04k	2.96k	8	77	0	0	0	0	-13.0k	-10.6k	-8.01k	-3.50k	1.29k	0	0	0	-9.89k	-8.35k	-5.34k	-
0	58																		
1.95k	3.05k																		
0	58																		
1.88k	3.13k																		

0	58	1	-	-	0	0	0	-24.9k	-16.5k	-8.47k	-4.22k	-1.54k	0	0	0	-15.1k	-12.6k	-280
	-274	2.26k																
0	58	2	-	-	0	0	0	-19.2k	-12.7k	-6.52k	-3.24k	-1.18k	0	0	0	-11.6k	-9.66k	-216
	-211	1.74k																
0	58	3	-	-	0	0	0	-19.2k	-12.7k	-6.52k	-3.24k	-1.18k	0	0	0	-11.6k	-9.66k	-216
	-211	1.74k																
0	58	4	-	-	0	0	0	-19.2k	-12.7k	-6.52k	-3.24k	-1.18k	0	0	0	-11.6k	-9.66k	-216
	-211	1.74k																
0	58	7	-	-	0	0	0	-19.0k	-12.7k	-6.46k	-3.17k	-1.17k	0	0	0	-11.5k	-9.55k	-111
52.4	1.85k																	
0	58	8	-	-	0	0	0	-18.9k	-12.6k	-6.41k	-3.10k	-1.15k	0	0	0	-11.4k	-9.45k	-21.1
	82.0	1.94k																
0	59	1	73	0	0	0	0	-25.3k	-16.1k	-265	46.2	-1.70k	0	0	0	-23.5k	-15.4k	1.37k
	692	-1.23k																
0	59	2	73	0	0	0	0	-19.5k	-12.4k	-204	35.6	-1.31k	0	0	0	-18.1k	-11.8k	1.06k
	532	-949																
0	59	3	73	0	0	0	0	-19.5k	-12.4k	-204	35.6	-1.31k	0	0	0	-18.1k	-11.8k	1.06k
	532	-949																
0	59	4	73	0	0	0	0	-19.5k	-12.4k	-204	35.6	-1.31k	0	0	0	-18.1k	-11.8k	1.06k
	532	-949																
0	59	7	73	0	0	0	0	-19.4k	-12.4k	-173	89.0	-1.30k	0	0	0	-17.9k	-11.7k	1.15k
	705	-901																
0	59	8	73	0	0	0	0	-19.4k	-12.3k	-146	132	-1.29k	0	0	0	-17.8k	-11.6k	1.23k
	852	-858																
0	59	1	74	0	0	0	0	-24.3k	-14.4k	3.74k	2.07k	-1.31k	0	0	0	-21.2k	-12.9k	6.39k
	3.33k	-352																
0	59	2	74	0	0	0	0	-18.7k	-11.1k	2.88k	1.59k	-1.00k	0	0	0	-16.3k	-9.91k	4.92k
	2.56k	-271																
0	59	3	74	0	0	0	0	-18.7k	-11.1k	2.88k	1.59k	-1.00k	0	0	0	-16.3k	-9.91k	4.92k
	2.56k	-271																
0	59	4	74	0	0	0	0	-18.7k	-11.1k	2.88k	1.59k	-1.00k	0	0	0	-16.3k	-9.91k	4.92k
	2.56k	-271																
0	59	7	74	0	0	0	0	-18.5k	-11.0k	2.91k	1.66k	-989	0	0	0	-16.1k	-9.80k	5.00k
	2.67k	-238																
0	59	8	74	0	0	0	0	-18.4k	-10.9k	2.94k	1.73k	-975	0	0	0	-15.9k	-9.70k	5.07k
	2.77k	-209																
0	59	1	79	0	0	0	0	-17.7k	-14.4k	6.59k	2.20k	1.31k	0	0	0	-13.7k	-11.7k	9.97k
	4.07k	3.55k																
0	59	2	79	0	0	0	0	-13.6k	-11.1k	5.07k	1.69k	1.01k	0	0	0	-10.5k	-9.02k	7.67k
	3.13k	2.73k																
0	59	3	79	0	0	0	0	-13.6k	-11.1k	5.07k	1.69k	1.01k	0	0	0	-10.5k	-9.02k	7.67k
	3.13k	2.73k																
0	59	4	79	0	0	0	0	-13.6k	-11.1k	5.07k	1.69k	1.01k	0	0	0	-10.5k	-9.02k	7.67k
	3.13k	2.73k																
0	59	7	79	0	0	0	0	-13.5k	-11.0k	5.13k	1.75k	1.05k	0	0	0	-10.4k	-8.90k	7.77k
	3.20k	2.82k																
0	59	8	79	0	0	0	0	-13.4k	-10.9k	5.19k	1.80k	1.09k	0	0	0	-10.3k	-8.79k	7.85k
	3.26k	2.90k																
0	59	1	78	0	0	0	0	-19.4k	-16.6k	-417	40.3	35.1	0	0	0	-15.9k	-15.9k	3.02k
	777	1.22k																
0	59	2	78	0	0	0	0	-14.9k	-12.8k	-320	31.0	27.0	0	0	0	-12.3k	-12.2k	2.32k
	597	938																
0	59	3	78	0	0	0	0	-14.9k	-12.8k	-320	31.0	27.0	0	0	0	-12.3k	-12.2k	2.32k
	597	938																
0	59	4	78	0	0	0	0	-14.9k	-12.8k	-320	31.0	27.0	0	0	0	-12.3k	-12.2k	2.32k
	597	938																
0	59	7	78	0	0	0	0	-14.9k	-12.7k	-280	65.1	55.7	0	0	0	-12.2k	-12.1k	2.45k
	709	1.06k																
0	59	8	78	0	0	0	0	-14.9k	-12.7k	-245	93.3	81.0	0	0	0	-12.1k	-11.9k	2.56k
	807	1.18k																
0	59	1	-	-	0	0	0	-25.0k	-16.5k	-329	49.9	-1.58k	0	0	0	-15.4k	-13.0k	7.91k
	3.74k	2.00k																
0	59	2	-	-	0	0	0	-19.2k	-12.7k	-253	38.4	-1.22k	0	0	0	-11.8k	-10.0k	6.09k
	2.88k	1.54k																
0	59	3	-	-	0	0	0	-19.2k	-12.7k	-253	38.4	-1.22k	0	0	0	-11.8k	-10.0k	6.09k
	2.88k	1.54k																
0	59	4	-	-	0	0	0	-19.2k	-12.7k	-253	38.4	-1.22k	0	0	0	-11.8k	-10.0k	6.09k
	2.88k	1.54k																
0	59	7	-	-	0	0	0	-19.1k	-12.7k	-217	81.6	-1.21k	0	0	0	-11.7k	-9.91k	6.17k
	2.98k	1.66k																
0	59	8	-	-	0	0	0	-19.0k	-12.6k	-187	118	-1.19k	0	0	0	-11.6k	-9.81k	6.25k
	3.06k	1.76k																
0	60	1	74	0	0	0	0	-23.2k	-13.2k	5.24k	3.84k	-959	0	0	0	-20.5k	-11.3k	7.09k
	4.83k	-241																
0	60	2	74	0	0	0	0	-17.8k	-10.1k	4.03k	2.95k	-738	0	0	0	-15.8k	-8.66k	5.46k
	3.71k	-185																
0	60	3	74	0	0	0	0	-17.8k	-10.1k	4.03k	2.95k	-738	0	0	0	-15.8k	-8.66k	5.46k
	3.71k	-185																
0	60	4	74	0	0	0	0	-17.8k	-10.1k	4.03k	2.95k	-738	0	0	0	-15.8k	-8.66k	5.46k
	3.71k	-185																
0	60	7	74	0	0	0	0	-17.7k	-10.0k	4.07k	3.04k	-720	0	0	0	-15.5k	-8.55k	5.53k
	3.82k	-151																
0	60	8	74	0	0	0	0	-17.5k	-9.96k	4.10k	3.11k	-705	0	0	0	-15.3k	-8.46k	5.60k
	3.92k	-121																
0	60	1	75	0	0	0	0	-18.3k	-8.27k	8.62k	7.09k	-2.23k	0	0	0	-15.6k	-6.55k	11.4k
	8.50k	9.21k																
0	60	2	75	0	0	0	0	-14.1k	-6.36k	6.63k	5.46k	-1.71k	0	0	0	-12.0k	-5.04k	8.79k
	6.54k	7.08k																
0	60	3	75	0	0	0	0	-14.1k	-6.36k	6.63k	5.46k	-1.71k	0	0	0	-12.0k	-5.04k	8.79k
	6.54k	7.08k																
0	60	4	75	0	0	0	0	-14.1k	-6.36k	6.63k	5.46k	-1.71k	0	0	0	-12.0k	-5.04k	8.79k
	6.54k	7.08k																
0	60	7	75	0	0	0	0	-13.9k	-6.28k	6.67k	5.62k	-1.59k	0	0	0	-11.8k	-4.91k	8.85k
	6.78k	7.92k																
0	60	8	75	0	0	0	0	-13.8k	-6.22k	6.71k	5.76k	-1.48k	0	0	0	-11.6k	-4.80k	8.90k
	7.00k	8.65k																

0	60	1	80	0	0	0	0	-10.4k	-7.38k	14.7k	7.78k	-1.19k	0	0	0	-3.44k	-3.04k	19.3k
	12.2k	19.9k																
0	60	2	80	0	0	0	0	-7.97k	-5.68k	11.3k	5.98k	-918	0	0	0	-2.64k	-2.34k	14.8k
	9.42k	15.3k																
0	60	3	80	0	0	0	0	-7.97k	-5.68k	11.3k	5.98k	-918	0	0	0	-2.64k	-2.34k	14.8k
	9.42k	15.3k																
0	60	4	80	0	0	0	0	-7.97k	-5.68k	11.3k	5.98k	-918	0	0	0	-2.64k	-2.34k	14.8k
	9.42k	15.3k																
0	60	7	80	0	0	0	0	-7.85k	-5.62k	11.3k	6.16k	-727	0	0	0	-2.53k	-2.27k	14.9k
	9.69k	16.4k																
0	60	8	80	0	0	0	0	-7.76k	-5.56k	11.4k	6.31k	-560	0	0	0	-2.43k	-2.21k	15.0k
	9.93k	17.4k																
0	60	1	79	0	0	0	0	-17.1k	-12.9k	8.47k	4.77k	1.53k	0	0	0	-11.6k	-9.56k	12.2k
	7.42k	4.47k																
0	60	2	79	0	0	0	0	-13.1k	-9.90k	6.51k	3.67k	1.17k	0	0	0	-8.89k	-7.35k	9.35k
	5.70k	3.44k																
0	60	3	79	0	0	0	0	-13.1k	-9.90k	6.51k	3.67k	1.17k	0	0	0	-8.89k	-7.35k	9.35k
	5.70k	3.44k																
0	60	4	79	0	0	0	0	-13.1k	-9.90k	6.51k	3.67k	1.17k	0	0	0	-8.89k	-7.35k	9.35k
	5.70k	3.44k																
0	60	7	79	0	0	0	0	-13.0k	-9.81k	6.58k	3.75k	1.22k	0	0	0	-8.74k	-7.26k	9.42k
	5.80k	3.51k																
0	60	8	79	0	0	0	0	-12.9k	-9.72k	6.63k	3.82k	1.25k	0	0	0	-8.61k	-7.17k	9.49k
	5.88k	3.58k																
0	60	1	-	-	0	0	0	-21.4k	-13.2k	6.79k	4.21k	-1.55k	0	0	0	-8.14k	-6.63k	14.8k
	10.2k	5.49k																
0	60	2	-	-	0	0	0	-16.5k	-10.2k	5.22k	3.24k	-1.19k	0	0	0	-6.26k	-5.10k	11.4k
	7.83k	4.22k																
0	60	3	-	-	0	0	0	-16.5k	-10.2k	5.22k	3.24k	-1.19k	0	0	0	-6.26k	-5.10k	11.4k
	7.83k	4.22k																
0	60	4	-	-	0	0	0	-16.5k	-10.2k	5.22k	3.24k	-1.19k	0	0	0	-6.26k	-5.10k	11.4k
	7.83k	4.22k																
0	60	7	-	-	0	0	0	-16.3k	-10.1k	5.26k	3.32k	-1.10k	0	0	0	-6.12k	-5.03k	11.5k
	7.97k	4.32k																
0	60	8	-	-	0	0	0	-16.2k	-9.97k	5.29k	3.39k	-1.02k	0	0	0	-6.00k	-4.97k	11.5k
	8.08k	4.40k																
0	61	1	76	0	0	0	0	-6.42k	-6.57k	-19.5k	-13.5k	-636	0	0	0	-2.75k	-5.30k	-15.9k
	8.51k	23.7k																-
0	61	2	76	0	0	0	0	-4.94k	-5.05k	-15.0k	-10.4k	-489	0	0	0	-2.11k	-4.08k	-12.3k
	6.54k	18.2k																-
0	61	3	76	0	0	0	0	-4.94k	-5.05k	-15.0k	-10.4k	-489	0	0	0	-2.11k	-4.08k	-12.3k
	6.54k	18.2k																-
0	61	4	76	0	0	0	0	-4.94k	-5.05k	-15.0k	-10.4k	-489	0	0	0	-2.11k	-4.08k	-12.3k
	6.54k	18.2k																-
0	61	7	76	0	0	0	0	-4.86k	-4.93k	-14.9k	-10.2k	-291	0	0	0	-2.01k	-4.03k	-12.2k
	6.37k	19.5k																-
0	61	8	76	0	0	0	0	-4.79k	-4.83k	-14.9k	-10.1k	-117	0	0	0	-1.92k	-3.99k	-12.1k
	6.21k	20.6k																-
0	61	1	77	0	0	0	0	-13.2k	-11.2k	-13.0k	-7.96k	4.98k	0	0	0	-9.95k	-8.26k	-10.6k
	5.57k	7.43k																-
0	61	2	77	0	0	0	0	-10.2k	-8.58k	-10.0k	-6.13k	3.83k	0	0	0	-7.65k	-6.35k	-8.14k
	4.28k	5.72k																-
0	61	3	77	0	0	0	0	-10.2k	-8.58k	-10.0k	-6.13k	3.83k	0	0	0	-7.65k	-6.35k	-8.14k
	4.28k	5.72k																-
0	61	4	77	0	0	0	0	-10.2k	-8.58k	-10.0k	-6.13k	3.83k	0	0	0	-7.65k	-6.35k	-8.14k
	4.28k	5.72k																-
0	61	7	77	0	0	0	0	-10.1k	-8.50k	-9.94k	-6.07k	3.92k	0	0	0	-7.53k	-6.26k	-8.05k
	4.21k	5.83k																-
0	61	8	77	0	0	0	0	-10.0k	-8.43k	-9.87k	-6.02k	4.00k	0	0	0	-7.42k	-6.18k	-7.98k
	4.14k	5.92k																-
0	61	1	82	0	0	0	0	-11.0k	-7.20k	-17.3k	-56.7k	-1.40k	0	0	0	-6.33k	-3.69k	-15.1k
	6.49k	9.65k																
0	61	2	82	0	0	0	0	-8.49k	-5.54k	-13.3k	-43.6k	-1.08k	0	0	0	-4.87k	-2.83k	-11.6k
	4.99k	7.42k																
0	61	3	82	0	0	0	0	-8.49k	-5.54k	-13.3k	-43.6k	-1.08k	0	0	0	-4.87k	-2.83k	-11.6k
	4.99k	7.42k																
0	61	4	82	0	0	0	0	-8.49k	-5.54k	-13.3k	-43.6k	-1.08k	0	0	0	-4.87k	-2.83k	-11.6k
	4.99k	7.42k																
0	61	7	82	0	0	0	0	-8.36k	-5.44k	-13.2k	-42.2k	-760	0	0	0	-4.80k	-2.73k	-11.5k
	5.25k	7.63k																
0	61	8	82	0	0	0	0	-8.24k	-5.35k	-13.1k	-40.9k	-481	0	0	0	-4.74k	-2.64k	-11.4k
	5.47k	7.81k																
0	61	1	81	0	0	0	0	-641	130	-16.3k	-115k	27.3k	0	0	0	13.0k	7.64k	-6.85k
	28.3k	81.4k																-
0	61	2	81	0	0	0	0	-493	99.8	-12.5k	-88.4k	21.0k	0	0	0	10.0k	5.88k	-5.27k
	21.7k	62.6k																-
0	61	3	81	0	0	0	0	-493	99.8	-12.5k	-88.4k	21.0k	0	0	0	10.0k	5.88k	-5.27k
	21.7k	62.6k																-
0	61	4	81	0	0	0	0	-493	99.8	-12.5k	-88.4k	21.0k	0	0	0	10.0k	5.88k	-5.27k
	21.7k	62.6k																-
0	61	7	81	0	0	0	0	-469	116	-12.5k	-87.1k	21.2k	0	0	0	10.2k	6.09k	-5.24k
	21.5k	64.7k																-
0	61	8	81	0	0	0	0	-448	131	-12.4k	-85.9k	21.4k	0	0	0	10.4k	6.28k	-5.21k
	21.3k	66.4k																-
0	61	1	-	-	0	0	0	-10.8k	-9.57k	-18.0k	-32.7k	3.26k	0	0	0	2.60k	1.56k	-12.1k
	-137	28.0k																
0	61	2	-	-	0	0	0	-8.33k	-7.36k	-13.9k	-25.2k	2.51k	0	0	0	2.00k	1.20k	-9.29k
	-105	21.5k																
0	61	3	-	-	0	0	0	-8.33k	-7.36k	-13.9k	-25.2k	2.51k	0	0	0	2.00k	1.20k	-9.29k
	-105	21.5k																
0	61	4	-	-	0	0	0	-8.33k	-7.36k	-13.9k	-25.2k	2.51k	0	0	0	2.00k	1.20k	-9.29k
	-105	21.5k																
0	61	7	-	-	0	0	0	-8.25k	-7.30k	-13.8k	-25.0k	2.59k	0	0	0	2.05k	1.24k	-9.20k
	18.3	22.0k																
0	61	8	-	-	0	0	0	-8.18k	-7.24k	-13.7k	-24.8k	2.67k	0	0	0	2.09k	1.28k	-9.12k
	127	22.5k																

0	62	1	77	0	0	0	0	-14.9k	-13.6k	-11.9k	-4.68k	3.00k	0	0	0	-10.9k	-9.72k	-7.69k	-
2.58k	6.10k	2	77	0	0	0	0	-11.4k	-10.5k	-9.16k	-3.60k	2.31k	0	0	0	-8.42k	-7.48k	-5.92k	-
0	62	3	77	0	0	0	0	-11.4k	-10.5k	-9.16k	-3.60k	2.31k	0	0	0	-8.42k	-7.48k	-5.92k	-
1.98k	4.69k	4	77	0	0	0	0	-11.4k	-10.5k	-9.16k	-3.60k	2.31k	0	0	0	-8.42k	-7.48k	-5.92k	-
0	62	7	77	0	0	0	0	-11.3k	-10.4k	-9.08k	-3.53k	2.39k	0	0	0	-8.30k	-7.36k	-5.81k	-
1.98k	4.69k	8	77	0	0	0	0	-11.2k	-10.3k	-9.00k	-3.48k	2.47k	0	0	0	-8.20k	-7.26k	-5.71k	-
0	62	1	78	0	0	0	0	-16.1k	-16.3k	-3.72k	-996	1.53k	0	0	0	-14.3k	-15.6k	-405	-
1.92k	4.83k	2	78	0	0	0	0	-12.4k	-12.6k	-2.86k	-766	1.18k	0	0	0	-11.0k	-12.0k	-312	-
0	62	3	78	0	0	0	0	-12.4k	-12.6k	-2.86k	-766	1.18k	0	0	0	-11.0k	-12.0k	-312	-
43.2	1.62k	4	78	0	0	0	0	-12.4k	-12.6k	-2.86k	-766	1.18k	0	0	0	-11.0k	-12.0k	-312	-
0	62	7	78	0	0	0	0	-12.4k	-12.5k	-2.81k	-718	1.22k	0	0	0	-10.9k	-11.8k	-184	-
43.2	1.62k	8	78	0	0	0	0	-12.3k	-12.5k	-2.76k	-677	1.27k	0	0	0	-10.9k	-11.7k	-74.5	-
0	62	1	83	0	0	0	0	-9.53k	-14.7k	-4.59k	-9.37k	3.68k	0	0	0	-7.02k	-13.9k	-622	-
0	62	2	83	0	0	0	0	-7.33k	-11.3k	-3.53k	-7.21k	2.83k	0	0	0	-5.40k	-10.7k	-478	-
0	62	3	83	0	0	0	0	-7.33k	-11.3k	-3.53k	-7.21k	2.83k	0	0	0	-5.40k	-10.7k	-478	-
0	62	4	83	0	0	0	0	-7.33k	-11.3k	-3.53k	-7.21k	2.83k	0	0	0	-5.40k	-10.7k	-478	-
0	62	7	83	0	0	0	0	-7.30k	-11.2k	-3.45k	-6.21k	2.94k	0	0	0	-5.19k	-10.4k	-331	-
0	62	8	83	0	0	0	0	-7.28k	-11.1k	-3.39k	-5.34k	3.04k	0	0	0	-5.00k	-10.1k	-205	-
0	62	1	82	0	0	0	0	-8.63k	-10.6k	-17.1k	-58.7k	4.67k	0	0	0	-257	-5.05k	-11.7k	-
0	62	2	82	0	0	0	0	-6.64k	-8.15k	-13.2k	-45.2k	3.59k	0	0	0	-198	-3.88k	-8.97k	-
0	62	3	82	0	0	0	0	-6.64k	-8.15k	-13.2k	-45.2k	3.59k	0	0	0	-198	-3.88k	-8.97k	-
0	62	4	82	0	0	0	0	-6.64k	-8.15k	-13.2k	-45.2k	3.59k	0	0	0	-198	-3.88k	-8.97k	-
0	62	7	82	0	0	0	0	-6.58k	-8.09k	-13.1k	-43.4k	3.76k	0	0	0	-7.39	-3.70k	-8.84k	-
0	62	8	82	0	0	0	0	-6.52k	-8.03k	-13.0k	-41.8k	3.91k	0	0	0	159	-3.53k	-8.73k	-
0	62	-	-	0	0	0	0	-15.7k	-15.8k	-13.6k	-6.00k	1.93k	0	0	0	-7.66k	-8.04k	-503	-
0	62	-	-	0	0	0	0	-12.1k	-12.1k	-10.5k	-4.61k	1.49k	0	0	0	-5.89k	-6.19k	-387	-
0	62	-	-	0	0	0	0	-12.1k	-12.1k	-10.5k	-4.61k	1.49k	0	0	0	-5.89k	-6.19k	-387	-
0	62	-	-	0	0	0	0	-12.0k	-12.1k	-10.4k	-4.53k	1.55k	0	0	0	-5.82k	-6.06k	-252	-
0	62	-	-	0	0	0	0	-11.9k	-12.0k	-10.3k	-4.45k	1.61k	0	0	0	-5.77k	-5.95k	-137	-
0	63	1	78	0	0	0	0	-16.1k	-16.3k	-481	-62.3	1.52k	0	0	0	-14.4k	-15.8k	3.01k	-
0	63	2	78	0	0	0	0	-12.4k	-12.6k	-370	-47.9	1.17k	0	0	0	-11.1k	-12.2k	2.32k	-
0	63	3	78	0	0	0	0	-12.4k	-12.6k	-370	-47.9	1.17k	0	0	0	-11.1k	-12.2k	2.32k	-
0	63	4	78	0	0	0	0	-12.4k	-12.6k	-370	-47.9	1.17k	0	0	0	-11.1k	-12.2k	2.32k	-
0	63	7	78	0	0	0	0	-12.4k	-12.5k	-327	-26.6	1.22k	0	0	0	-11.0k	-12.0k	2.44k	-
0	63	8	78	0	0	0	0	-12.3k	-12.5k	-290	-8.41	1.26k	0	0	0	-10.9k	-11.8k	2.55k	-
0	63	1	79	0	0	0	0	-15.2k	-14.2k	6.89k	2.20k	2.66k	0	0	0	-12.3k	-11.0k	10.8k	-
0	63	2	79	0	0	0	0	-11.7k	-10.9k	5.30k	1.69k	2.05k	0	0	0	-9.47k	-8.44k	8.30k	-
0	63	3	79	0	0	0	0	-11.7k	-10.9k	5.30k	1.69k	2.05k	0	0	0	-9.47k	-8.44k	8.30k	-
0	63	4	79	0	0	0	0	-11.7k	-10.9k	5.30k	1.69k	2.05k	0	0	0	-9.47k	-8.44k	8.30k	-
0	63	7	79	0	0	0	0	-11.6k	-10.8k	5.37k	1.75k	2.13k	0	0	0	-9.35k	-8.32k	8.40k	-
0	63	8	79	0	0	0	0	-11.5k	-10.8k	5.43k	1.80k	2.20k	0	0	0	-9.24k	-8.21k	8.48k	-
0	63	1	84	0	0	0	0	-8.63k	-11.1k	10.8k	-10.4k	4.59k	0	0	0	-327	-6.20k	16.3k	-
0	63	2	84	0	0	0	0	-6.64k	-8.58k	8.30k	-8.03k	3.53k	0	0	0	-252	-4.77k	12.5k	-
0	63	3	84	0	0	0	0	-6.64k	-8.58k	8.30k	-8.03k	3.53k	0	0	0	-252	-4.77k	12.5k	-
0	63	4	84	0	0	0	0	-6.64k	-8.58k	8.30k	-8.03k	3.53k	0	0	0	-252	-4.77k	12.5k	-
0	63	7	84	0	0	0	0	-6.59k	-8.50k	8.41k	-7.63k	3.71k	0	0	0	-49.5	-4.57k	12.7k	-
0	63	8	84	0	0	0	0	-6.55k	-8.43k	8.50k	-7.28k	3.86k	0	0	0	127	-4.39k	12.8k	-

0	63	1	83	0	0	0	0	-8.95k	-14.7k	-648	-2.58k	3.93k	0	0	0	-6.61k	-13.8k	3.41k
	4.11k	5.17k																
0	63	2	83	0	0	0	0	-6.88k	-11.3k	-499	-1.99k	3.02k	0	0	0	-5.08k	-10.6k	2.63k
	3.16k	3.98k																
0	63	3	83	0	0	0	0	-6.88k	-11.3k	-499	-1.99k	3.02k	0	0	0	-5.08k	-10.6k	2.63k
	3.16k	3.98k																
0	63	4	83	0	0	0	0	-6.88k	-11.3k	-499	-1.99k	3.02k	0	0	0	-5.08k	-10.6k	2.63k
	3.16k	3.98k																
0	63	7	83	0	0	0	0	-6.86k	-11.2k	-447	-1.87k	3.13k	0	0	0	-4.86k	-10.3k	2.77k
	5.66k	4.36k																
0	63	8	83	0	0	0	0	-6.84k	-11.2k	-402	-1.77k	3.22k	0	0	0	-4.67k	-10.0k	2.90k
	7.83k	4.70k																
0	63	1	-	-	0	0	0	-15.8k	-15.8k	-563	-2.87k	1.80k	0	0	0	-7.81k	-8.97k	12.9k
	5.35k	5.60k																
0	63	2	-	-	0	0	0	-12.2k	-12.1k	-433	-2.20k	1.39k	0	0	0	-6.01k	-6.90k	9.92k
	4.11k	4.31k																
0	63	3	-	-	0	0	0	-12.2k	-12.1k	-433	-2.20k	1.39k	0	0	0	-6.01k	-6.90k	9.92k
	4.11k	4.31k																
0	63	4	-	-	0	0	0	-12.2k	-12.1k	-433	-2.20k	1.39k	0	0	0	-6.01k	-6.90k	9.92k
	4.11k	4.31k																
0	63	7	-	-	0	0	0	-12.1k	-12.1k	-388	-2.02k	1.45k	0	0	0	-5.95k	-6.76k	10.0k
	4.23k	4.46k																
0	63	8	-	-	0	0	0	-12.0k	-12.0k	-350	-1.87k	1.51k	0	0	0	-5.89k	-6.64k	10.1k
	4.33k	4.58k																
0	64	1	79	0	0	0	0	-13.7k	-11.7k	9.97k	4.87k	4.51k	0	0	0	-10.8k	-9.09k	12.5k
	7.30k	6.35k																
0	64	2	79	0	0	0	0	-10.6k	-9.03k	7.67k	3.75k	3.47k	0	0	0	-8.32k	-6.99k	9.58k
	5.61k	4.88k																
0	64	3	79	0	0	0	0	-10.6k	-9.03k	7.67k	3.75k	3.47k	0	0	0	-8.32k	-6.99k	9.58k
	5.61k	4.88k																
0	64	4	79	0	0	0	0	-10.6k	-9.03k	7.67k	3.75k	3.47k	0	0	0	-8.32k	-6.99k	9.58k
	5.61k	4.88k																
0	64	7	79	0	0	0	0	-10.4k	-8.95k	7.74k	3.80k	3.56k	0	0	0	-8.19k	-6.89k	9.66k
	5.70k	4.99k																
0	64	8	79	0	0	0	0	-10.4k	-8.88k	7.81k	3.84k	3.64k	0	0	0	-8.07k	-6.81k	9.73k
	5.78k	5.08k																
0	64	1	80	0	0	0	0	-6.76k	-6.47k	15.7k	8.85k	-90.5	0	0	0	-2.76k	-5.30k	19.5k
	12.8k	22.0k																
0	64	2	80	0	0	0	0	-5.20k	-4.98k	12.1k	6.80k	-69.6	0	0	0	-2.13k	-4.07k	15.0k
	9.84k	16.9k																
0	64	3	80	0	0	0	0	-5.20k	-4.98k	12.1k	6.80k	-69.6	0	0	0	-2.13k	-4.07k	15.0k
	9.84k	16.9k																
0	64	4	80	0	0	0	0	-5.20k	-4.98k	12.1k	6.80k	-69.6	0	0	0	-2.13k	-4.07k	15.0k
	9.84k	16.9k																
0	64	7	80	0	0	0	0	-5.12k	-4.93k	12.1k	6.96k	121	0	0	0	-2.02k	-4.03k	15.1k
	10.0k	18.1k																
0	64	8	80	0	0	0	0	-5.05k	-4.88k	12.2k	7.10k	289	0	0	0	-1.93k	-3.99k	15.2k
	10.2k	19.2k																
0	64	1	85	0	0	0	0	-1.21k	-94.1	7.35k	27.4k	26.2k	0	0	0	13.5k	7.66k	16.6k
	110k	80.6k																
0	64	2	85	0	0	0	0	-927	-72.4	5.65k	21.1k	20.1k	0	0	0	10.4k	5.90k	12.8k
	84.7k	62.0k																
0	64	3	85	0	0	0	0	-927	-72.4	5.65k	21.1k	20.1k	0	0	0	10.4k	5.90k	12.8k
	84.7k	62.0k																
0	64	4	85	0	0	0	0	-927	-72.4	5.65k	21.1k	20.1k	0	0	0	10.4k	5.90k	12.8k
	84.7k	62.0k																
0	64	7	85	0	0	0	0	-904	-55.7	5.67k	21.2k	20.3k	0	0	0	10.6k	6.10k	12.9k
	86.4k	64.0k																
0	64	8	85	0	0	0	0	-884	-41.3	5.70k	21.3k	20.5k	0	0	0	10.8k	6.29k	12.9k
	87.8k	65.7k																
0	64	1	84	0	0	0	0	-11.3k	-8.39k	14.2k	-5.56k	-2.27k	0	0	0	-6.59k	-4.68k	16.9k
	53.1k	7.90k																
0	64	2	84	0	0	0	0	-8.67k	-6.45k	10.9k	-4.28k	-1.75k	0	0	0	-5.07k	-3.60k	13.0k
	40.8k	6.08k																
0	64	3	84	0	0	0	0	-8.67k	-6.45k	10.9k	-4.28k	-1.75k	0	0	0	-5.07k	-3.60k	13.0k
	40.8k	6.08k																
0	64	4	84	0	0	0	0	-8.67k	-6.45k	10.9k	-4.28k	-1.75k	0	0	0	-5.07k	-3.60k	13.0k
	40.8k	6.08k																
0	64	7	84	0	0	0	0	-8.52k	-6.34k	11.1k	-4.09k	-1.42k	0	0	0	-5.00k	-3.48k	13.1k
	42.3k	6.30k																
0	64	8	84	0	0	0	0	-8.39k	-6.25k	11.1k	-3.92k	-1.14k	0	0	0	-4.94k	-3.38k	13.2k
	43.6k	6.49k																
0	64	1	-	-	0	0	0	-11.2k	-10.3k	11.5k	-17.8	3.81k	0	0	0	2.61k	1.24k	18.2k
	32.7k	26.5k																
0	64	2	-	-	0	0	0	-8.65k	-7.93k	8.81k	-13.7	2.93k	0	0	0	2.01k	956	14.0k
	25.2k	20.4k																
0	64	3	-	-	0	0	0	-8.65k	-7.93k	8.81k	-13.7	2.93k	0	0	0	2.01k	956	14.0k
	25.2k	20.4k																
0	64	4	-	-	0	0	0	-8.65k	-7.93k	8.81k	-13.7	2.93k	0	0	0	2.01k	956	14.0k
	25.2k	20.4k																
0	64	7	-	-	0	0	0	-8.56k	-7.87k	8.90k	67.5	3.00k	0	0	0	2.06k	1.00k	14.1k
	25.4k	21.0k																
0	64	8	-	-	0	0	0	-8.49k	-7.81k	8.97k	140	3.07k	0	0	0	2.10k	1.04k	14.2k
	25.6k	21.5k																

— Sollecitazioni combinazioni Shell pareti piano 1

Parete		Zona			min.Lastra			min.Piastra			max.Lastra			max.Piastra					
		Fam.	Filo	Piano	σx	σy	τxy	mx	my	mxy	vx	vy	σx	σy	τxy	mx	my	mxy	vx
Piano	N° vy	Cmb.			[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	
		[N/m]	[N/m]																
1	1	1	1	1	60.9m	-5.43m	1.58m	7.52k	3.18	-54.4	-20.4k	-9.76k	88.0m	5.77m	10.7m	12.7k	2.38k	732	-
15.5k	2.18k																		
1	1	2	1	1	46.8m	-4.18m	1.21m	5.79k	2.45	-41.8	-15.7k	-7.50k	67.7m	4.43m	8.24m	9.75k	1.83k	563	

1	2.38k	-1.81k	3	2	0	25.1m	-59.8m	18.2m	-841	-818	835	-740	-10.8k	57.9m	-39.6m	28.0m	292	2.81k	1.76k
1	2.38k	-1.81k	4	2	0	25.1m	-59.8m	18.2m	-841	-818	835	-740	-10.8k	57.9m	-39.6m	28.0m	292	2.81k	1.76k
1	2.38k	-1.81k	7	2	0	24.7m	-60.8m	17.2m	-831	-790	845	-723	-10.7k	58.4m	-38.9m	28.8m	321	2.96k	1.79k
1	2.44k	-1.69k	8	2	0	24.5m	-61.6m	16.3m	-821	-766	854	-709	-10.6k	58.8m	-38.3m	29.5m	346	3.08k	1.83k
1	2.50k	-1.58k	1	-	-	30.3m	-78.9m	1.07m	-3.39k	-1.68k	111	-4.31k	-17.1k	0.183	-1.45m	35.2m	716	5.33k	2.33k
1	2.38k	2.51k	2	-	-	23.3m	-60.7m	0.83m	-2.61k	-1.29k	85.6	-3.31k	-13.2k	0.141	-1.11m	27.1m	551	4.10k	1.79k
1	1.83k	1.93k	3	-	-	23.3m	-60.7m	0.83m	-2.61k	-1.29k	85.6	-3.31k	-13.2k	0.141	-1.11m	27.1m	551	4.10k	1.79k
1	1.83k	1.93k	4	-	-	23.3m	-60.7m	0.83m	-2.61k	-1.29k	85.6	-3.31k	-13.2k	0.141	-1.11m	27.1m	551	4.10k	1.79k
1	1.83k	1.93k	7	-	-	22.9m	-61.6m	58.0μ	-2.57k	-1.27k	90.8	-3.27k	-13.0k	0.143	-1.07m	27.8m	584	4.28k	1.83k
1	1.89k	1.97k	8	-	-	22.5m	-62.4m	-0.74m	-2.54k	-1.26k	95.4	-3.23k	-13.0k	0.144	-1.03m	28.5m	613	4.43k	1.87k
1	1.94k	2.00k	1	3	1	0.140	-19.5m	-3.93m	-3.70k	-1.44k	-679	-81.9	874	0.198	-0.48m	0.91m	-2.99k	1.58	113
1	476	2.74k	2	3	1	0.108	-15.0m	-3.02m	-2.85k	-1.11k	-522	-63.0	672	0.152	-0.37m	0.70m	-2.30k	1.22	87.2
1	367	2.11k	3	3	1	0.108	-15.0m	-3.02m	-2.85k	-1.11k	-522	-63.0	672	0.152	-0.37m	0.70m	-2.30k	1.22	87.2
1	367	2.11k	4	3	1	0.108	-15.0m	-3.02m	-2.85k	-1.11k	-522	-63.0	672	0.152	-0.37m	0.70m	-2.30k	1.22	87.2
1	367	2.11k	7	3	1	0.107	-15.3m	-3.39m	-2.82k	-1.10k	-510	-47.9	704	0.154	-0.33m	1.21m	-2.25k	1.26	95.5
1	431	2.15k	8	3	1	0.105	-15.4m	-3.71m	-2.80k	-1.10k	-500	-34.4	731	0.155	-0.28m	1.65m	-2.20k	1.29	103
1	489	2.18k	1	4	1	0.113	-20.0m	-24.3m	-2.82k	-902	-2.02k	2.00k	1.02k	0.170	-1.53m	-3.50m	-1.35k	0.773	-1.65k
1	4.94k	2.01k	2	4	1	86.6m	-15.4m	-18.7m	-2.17k	-694	-1.55k	1.54k	784	0.130	-1.17m	-2.69m	-1.04k	0.594	-1.27k
1	3.80k	1.54k	3	4	1	86.6m	-15.4m	-18.7m	-2.17k	-694	-1.55k	1.54k	784	0.130	-1.17m	-2.69m	-1.04k	0.594	-1.27k
1	3.80k	1.54k	4	4	1	86.6m	-15.4m	-18.7m	-2.17k	-694	-1.55k	1.54k	784	0.130	-1.17m	-2.69m	-1.04k	0.594	-1.27k
1	3.80k	1.54k	7	4	1	85.7m	-15.6m	-19.2m	-2.14k	-685	-1.54k	1.59k	799	0.132	-1.13m	-2.59m	-993	0.643	-1.23k
1	3.87k	1.59k	8	4	1	84.8m	-15.8m	-19.6m	-2.12k	-678	-1.52k	1.63k	813	0.133	-1.09m	-2.50m	-951	0.685	-1.20k
1	3.93k	1.64k	1	4	0	30.3m	-78.0m	-34.3m	-1.14k	-1.02k	-2.22k	-2.90k	-14.9k	74.4m	-53.7m	-21.9m	465	4.09k	-986
1	515	-3.28k	2	4	0	23.3m	-60.0m	-26.4m	-876	-786	-1.71k	-2.23k	-11.5k	57.2m	-41.3m	-16.8m	358	3.15k	-759
1	396	-2.52k	3	4	0	23.3m	-60.0m	-26.4m	-876	-786	-1.71k	-2.23k	-11.5k	57.2m	-41.3m	-16.8m	358	3.15k	-759
1	396	-2.52k	4	4	0	23.3m	-60.0m	-26.4m	-876	-786	-1.71k	-2.23k	-11.5k	57.2m	-41.3m	-16.8m	358	3.15k	-759
1	396	-2.52k	7	4	0	23.0m	-60.9m	-27.2m	-864	-757	-1.69k	-2.19k	-11.4k	57.7m	-40.7m	-15.8m	387	3.30k	-747
1	422	-2.39k	8	4	0	22.7m	-61.7m	-27.9m	-855	-732	-1.68k	-2.16k	-11.3k	58.1m	-40.1m	-14.8m	413	3.44k	-736
1	444	-2.27k	1	3	0	28.2m	-77.6m	-8.63m	-1.07k	-25.0	-477	-639	-18.1k	69.3m	-55.0m	1.34m	854	6.08k	102
1	111	-8.78k	2	3	0	21.7m	-59.7m	-6.64m	-821	-19.2	-367	-491	-13.9k	53.3m	-42.3m	1.03m	657	4.68k	78.3
1	85.7	-6.76k	3	3	0	21.7m	-59.7m	-6.64m	-821	-19.2	-367	-491	-13.9k	53.3m	-42.3m	1.03m	657	4.68k	78.3
1	85.7	-6.76k	4	3	0	21.7m	-59.7m	-6.64m	-821	-19.2	-367	-491	-13.9k	53.3m	-42.3m	1.03m	657	4.68k	78.3
1	85.7	-6.76k	7	3	0	21.2m	-60.5m	-7.77m	-816	10.6	-356	-471	-13.8k	53.9m	-41.7m	2.24m	692	4.87k	87.6
1	104	-6.54k	8	3	0	20.8m	-61.2m	-8.75m	-812	36.8	-347	-453	-13.8k	54.5m	-41.3m	3.29m	724	5.03k	95.6
1	120	-6.36k	1	-	-	30.3m	-78.6m	-33.4m	-3.49k	-1.68k	-2.29k	-2.13k	-17.5k	0.187	-1.35m	1.28m	764	5.57k	115
1	3.56k	2.60k	2	-	-	23.3m	-60.5m	-25.7m	-2.68k	-1.29k	-1.76k	-1.64k	-13.4k	0.144	-1.04m	0.98m	588	4.29k	88.6
1	2.74k	2.00k	3	-	-	23.3m	-60.5m	-25.7m	-2.68k	-1.29k	-1.76k	-1.64k	-13.4k	0.144	-1.04m	0.98m	588	4.29k	88.6
1	2.74k	2.00k	4	-	-	23.3m	-60.5m	-25.7m	-2.68k	-1.29k	-1.76k	-1.64k	-13.4k	0.144	-1.04m	0.98m	588	4.29k	88.6
1	2.74k	2.00k	7	-	-	22.9m	-61.4m	-26.5m	-2.65k	-1.27k	-1.74k	-1.61k	-13.3k	0.145	-0.99m	1.91m	622	4.47k	97.1
1	2.79k	2.04k	8	-	-	22.5m	-62.1m	-27.1m	-2.62k	-1.26k	-1.73k	-1.59k	-13.2k	0.147	-0.95m	2.71m	652	4.63k	105
1	2.83k	2.07k	1	4	1	0.107	-19.4m	-25.0m	-1.40k	-683	-2.03k	4.27k	198	0.139	-1.99m	-5.73m	79.3	-0.148	-1.87k
1	7.42k	1.77k	2	4	1	82.6m	-14.9m	-19.2m	-1.08k	-525	-1.56k	3.29k	152	0.107	-1.53m	-4.41m	61.0	-0.114	-1.44k
1	5.71k	1.36k	3	4	1	82.6m	-14.9m	-19.2m	-1.08k	-525	-1.56k	3.29k	152	0.107	-1.53m	-4.41m	61.0	-0.114	-1.44k
1	5.71k	1.36k	4	4	1	82.6m	-14.9m	-19.2m	-1.08k	-525	-1.56k	3.29k	152	0.107	-1.53m	-4.41m	61.0	-0.114	-1.44k
1	5.71k	1.36k	7	4	1	81.7m	-15.2m	-19.7m	-1.06k	-518	-1.55k	3.33k	168	0.109	-1.49m	-4.31m	106	3.17	-1.39k
1	5.80k	1.42k	8	4	1	80.8m	-15.4m	-20.1m	-1.04k	-511	-1.53k	3.37k	182	0.110	-1.45m	-4.23m	146	9.72	-1.35k
1	5.89k	1.46k	1	5	1	62.0m	-5.23m	-11.0m	7.17k	3.26	-802	15.2k	-9.72k	87.7m	5.61m	-1.50m	12.7k	2.38k	33.1
1	20.0k	2.17k	2	5	1	47.7m	-4.02m	-8.44m	5.51k	2.51	-617	11.7k	-7.48k	67.5m	4.31m	-1.15m	9.74k	1.83k	25.5

1	15.4k 4	1.67k 3	5	1	47.7m	-4.02m	-8.44m	5.51k	2.51	-617	11.7k	-7.48k	67.5m	4.31m	-1.15m	9.74k	1.83k	25.5
1	15.4k 4	1.67k 4	5	1	47.7m	-4.02m	-8.44m	5.51k	2.51	-617	11.7k	-7.48k	67.5m	4.31m	-1.15m	9.74k	1.83k	25.5
1	15.4k 4	1.67k 7	5	1	45.2m	-4.17m	-9.20m	5.57k	2.77	-595	11.9k	-7.42k	68.6m	4.59m	-0.99m	9.88k	1.86k	63.5
1	15.7k 4	1.75k 8	5	1	43.1m	-4.31m	-9.86m	5.62k	3.00	-576	12.1k	-7.37k	69.6m	4.84m	-0.85m	10.0k	1.88k	100
1	15.9k 4	1.82k 1	5	0	25.9m	16.0m	-56.6m	-67.2	-2.85k	-1.13k	8.89k	5.11k	83.8m	0.140	-17.8m	7.10k	1.19k	-98.7
1	19.2k 4	13.9k 2	5	0	19.9m	12.3m	-43.5m	-51.7	-2.19k	-866	6.84k	3.93k	64.5m	0.107	-13.7m	5.47k	912	-75.9
1	14.7k 4	10.7k 3	5	0	19.9m	12.3m	-43.5m	-51.7	-2.19k	-866	6.84k	3.93k	64.5m	0.107	-13.7m	5.47k	912	-75.9
1	14.7k 4	10.7k 4	5	0	19.9m	12.3m	-43.5m	-51.7	-2.19k	-866	6.84k	3.93k	64.5m	0.107	-13.7m	5.47k	912	-75.9
1	14.7k 4	10.7k 7	5	0	19.3m	11.4m	-44.3m	-47.3	-2.16k	-860	6.90k	4.04k	64.9m	0.108	-13.2m	5.50k	923	-46.0
1	14.9k 4	10.8k 8	5	0	18.8m	10.7m	-45.0m	-43.6	-2.14k	-854	6.96k	4.13k	65.2m	0.109	-12.7m	5.53k	933	-19.9
1	14.9k 4	10.9k 1	4	0	32.1m	-75.8m	-38.1m	-1.05k	-1.05k	-2.31k	-3.44k	-10.8k	74.8m	-50.7m	-30.1m	105	2.14k	-1.42k
1	909 4	-2.11k 2	4	0	24.7m	-58.3m	-29.3m	-811	-806	-1.77k	-2.64k	-8.33k	57.6m	-39.0m	-23.2m	80.4	1.65k	-1.10k
1	700 4	-1.63k 3	4	0	24.7m	-58.3m	-29.3m	-811	-806	-1.77k	-2.64k	-8.33k	57.6m	-39.0m	-23.2m	80.4	1.65k	-1.10k
1	700 4	-1.63k 4	4	0	24.7m	-58.3m	-29.3m	-811	-806	-1.77k	-2.64k	-8.33k	57.6m	-39.0m	-23.2m	80.4	1.65k	-1.10k
1	700 4	-1.63k 7	4	0	24.3m	-59.3m	-30.1m	-800	-779	-1.76k	-2.62k	-8.23k	58.0m	-38.3m	-22.2m	104	1.77k	-1.08k
1	727 4	-1.50k 8	4	0	24.0m	-60.2m	-30.8m	-791	-755	-1.75k	-2.59k	-8.15k	58.5m	-37.7m	-21.4m	125	1.87k	-1.07k
1	752 4	-1.39k 1	-	-	43.0m	-60.3m	-50.7m	-1.40k	-2.15k	-2.35k	-3.74k	-2.89k	0.107	36.4m	-3.04m	10.1k	2.14k	13.1
1	17.6k 4	7.41k 2	-	-	33.1m	-46.3m	-39.0m	-1.08k	-1.65k	-1.80k	-2.88k	-2.23k	82.2m	28.0m	-2.34m	7.79k	1.65k	10.1
1	13.5k 4	5.70k 3	-	-	33.1m	-46.3m	-39.0m	-1.08k	-1.65k	-1.80k	-2.88k	-2.23k	82.2m	28.0m	-2.34m	7.79k	1.65k	10.1
1	13.5k 4	5.70k 4	-	-	33.1m	-46.3m	-39.0m	-1.08k	-1.65k	-1.80k	-2.88k	-2.23k	82.2m	28.0m	-2.34m	7.79k	1.65k	10.1
1	13.5k 4	5.70k 7	-	-	32.8m	-47.4m	-39.8m	-1.07k	-1.62k	-1.79k	-2.86k	-2.13k	83.5m	28.7m	-2.17m	7.87k	1.67k	51.6
1	13.6k 4	5.79k 8	-	-	32.5m	-48.3m	-40.6m	-1.05k	-1.59k	-1.77k	-2.83k	-2.06k	84.7m	29.3m	-2.03m	7.93k	1.69k	88.0
1	13.7k 5	5.87k 1	82	1	0.104	-18.4m	5.81m	-715	-76.6	-2.03k	5.07k	-1.67k	0.132	-2.11m	25.4m	973	530	-1.81k
1	8.26k 5	112 2	82	1	79.7m	-14.1m	4.47m	-550	-58.9	-1.56k	3.90k	-1.29k	0.101	-1.62m	19.6m	749	408	-1.39k
1	6.35k 5	85.8 3	82	1	79.7m	-14.1m	4.47m	-550	-58.9	-1.56k	3.90k	-1.29k	0.101	-1.62m	19.6m	749	408	-1.39k
1	6.35k 5	85.8 4	82	1	79.7m	-14.1m	4.47m	-550	-58.9	-1.56k	3.90k	-1.29k	0.101	-1.62m	19.6m	749	408	-1.39k
1	6.35k 5	85.8 7	82	1	78.6m	-14.4m	4.37m	-520	-54.3	-1.54k	3.95k	-1.26k	0.103	-1.57m	20.0m	790	426	-1.34k
1	6.46k 5	116 8	82	1	77.6m	-14.6m	4.29m	-494	-50.3	-1.52k	3.99k	-1.24k	0.104	-1.53m	20.4m	827	443	-1.30k
1	6.55k 5	143 1	81	1	61.3m	-5.44m	1.49m	-12.6k	-2.39k	-739	15.3k	-2.10k	87.7m	6.60m	10.3m	-7.53k	-2.59	52.1
1	20.4k 5	9.78k 2	81	1	47.2m	-4.19m	1.15m	-9.69k	-1.84k	-569	11.8k	-1.61k	67.5m	5.07m	7.94m	-5.79k	-1.99	40.1
1	15.7k 5	7.52k 3	81	1	47.2m	-4.19m	1.15m	-9.69k	-1.84k	-569	11.8k	-1.61k	67.5m	5.07m	7.94m	-5.79k	-1.99	40.1
1	15.7k 5	7.52k 4	81	1	47.2m	-4.19m	1.15m	-9.69k	-1.84k	-569	11.8k	-1.61k	67.5m	5.07m	7.94m	-5.79k	-1.99	40.1
1	15.7k 5	7.52k 7	81	1	44.6m	-4.36m	0.97m	-9.57k	-1.82k	-546	12.0k	-1.57k	68.7m	5.35m	8.71m	-5.73k	-1.69	82.7
1	16.0k 5	7.68k 8	81	1	42.4m	-4.52m	0.81m	-9.46k	-1.81k	-527	12.1k	-1.52k	69.7m	5.60m	9.39m	-5.67k	-1.42	120
1	16.3k 5	7.81k 1	81	0	29.1m	23.5m	17.0m	-7.16k	-1.22k	-1.06k	9.86k	-13.4k	86.1m	0.143	55.3m	-216	2.69k	-92.6
1	19.5k 5	-5.68k 2	81	0	22.3m	18.1m	13.0m	-5.51k	-936	-814	7.58k	-10.3k	66.3m	0.110	42.5m	-166	2.07k	-71.2
1	15.0k 5	-4.37k 3	81	0	22.3m	18.1m	13.0m	-5.51k	-936	-814	7.58k	-10.3k	66.3m	0.110	42.5m	-166	2.07k	-71.2
1	15.0k 5	-4.37k 4	81	0	22.3m	18.1m	13.0m	-5.51k	-936	-814	7.58k	-10.3k	66.3m	0.110	42.5m	-166	2.07k	-71.2
1	15.0k 5	-4.37k 7	81	0	21.8m	17.3m	12.6m	-5.48k	-930	-808	7.65k	-10.2k	66.7m	0.111	43.3m	-161	2.10k	-41.1
1	15.1k 5	-4.32k 8	81	0	21.3m	16.5m	12.1m	-5.46k	-925	-803	7.71k	-10.1k	67.0m	0.112	44.0m	-156	2.12k	-14.8
1	15.2k 5	-4.28k 1	82	0	33.6m	-73.8m	31.7m	-9.35	-1.56k	-2.34k	-3.47k	1.20k	75.6m	-47.8m	39.7m	966	1.06k	-1.50k
1	1.47k 5	9.34k 2	82	0	25.8m	-56.8m	24.4m	-7.19	-1.20k	-1.80k	-2.67k	922	58.1m	-36.7m	30.5m	743	818	-1.15k
1	1.13k 5	7.19k 3	82	0	25.8m	-56.8m	24.4m	-7.19	-1.20k	-1.80k	-2.67k	922	58.1m	-36.7m	30.5m	743	818	-1.15k
1	1.13k 5	7.19k 4	82	0	25.8m	-56.8m	24.4m	-7.19	-1.20k	-1.80k	-2.67k	922	58.1m	-36.7m	30.5m	743	818	-1.15k
1	1.13k 5	7.19k 7	82	0	25.4m	-57.8m	23.5m	7.48	-1.14k	-1.78k	-2.64k	986	58.7m	-36.0m	31.3m	758	875	-1.14k
1	1.17k 5	7.37k 8	82	0	25.1m	-58.7m	22.7m	20.1	-1.09k	-1.77k	-2.62k	1.04k	59.1m	-35.4m	32.0m	771	925	-1.13k
1	1.19k 5	7.53k 1	-	-	44.5m	-55.2m	2.99m	-10.1k	-2.15k	-2.35k	-3.73k	-8.11k	0.102	35.8m	50.7m	1.13k	2.23k	31.7
1	17.7k 5	2.87k 2	-	-	34.2m	-42.5m	2.30m	-7.81k	-1.66k	-1.81k	-2.87k	-6.23k	78.3m	27.5m	39.0m	870	1.71k	24.4

1	13.6k	2.21k	-	-	34.2m	-42.5m	2.30m	-7.81k	-1.66k	-1.81k	-2.87k	-6.23k	78.3m	27.5m	39.0m	870	1.71k	24.4
1	13.6k	2.21k	-	-	34.2m	-42.5m	2.30m	-7.81k	-1.66k	-1.81k	-2.87k	-6.23k	78.3m	27.5m	39.0m	870	1.71k	24.4
1	13.6k	2.21k	-	-	33.9m	-43.5m	2.13m	-7.75k	-1.64k	-1.79k	-2.84k	-6.15k	79.7m	28.2m	39.8m	898	1.75k	66.3
1	13.8k	2.25k	-	-	33.6m	-44.4m	1.98m	-7.69k	-1.63k	-1.78k	-2.82k	-6.07k	81.0m	28.8m	40.5m	922	1.79k	103
1	13.9k	2.28k	-	-	33.6m	-44.4m	1.98m	-7.69k	-1.63k	-1.78k	-2.82k	-6.07k	81.0m	28.8m	40.5m	922	1.79k	103
1	6	1	83	1	0.139	-19.6m	0.20m	2.98k	-1.45	-878	43.8	-2.74k	0.198	-0.48m	5.35m	3.70k	1.44k	-110
1	654	-876	83	1	0.107	-15.1m	0.15m	2.29k	-1.12	-675	33.7	-2.11k	0.152	-0.37m	4.11m	2.84k	1.11k	-84.9
1	503	-674	83	1	0.107	-15.1m	0.15m	2.29k	-1.12	-675	33.7	-2.11k	0.152	-0.37m	4.11m	2.84k	1.11k	-84.9
1	6	3	83	1	0.107	-15.1m	0.15m	2.29k	-1.12	-675	33.7	-2.11k	0.152	-0.37m	4.11m	2.84k	1.11k	-84.9
1	503	-674	83	1	0.107	-15.1m	0.15m	2.29k	-1.12	-675	33.7	-2.11k	0.152	-0.37m	4.11m	2.84k	1.11k	-84.9
1	6	4	83	1	0.106	-15.3m	40.6μ	2.32k	-1.10	-662	55.6	-2.09k	0.154	-0.32m	4.49m	2.93k	1.13k	-76.5
1	587	-568	83	1	0.105	-15.5m	-0.25m	2.34k	-1.08	-650	75.2	-2.08k	0.156	-0.27m	4.82m	3.00k	1.15k	-69.0
1	662	-474	82	1	0.109	-19.4m	3.95m	818	-0.324	-2.03k	2.50k	-1.91k	0.164	-1.67m	25.2m	2.55k	776	-1.76k
1	5.76k	-707	82	1	84.0m	-15.0m	3.04m	629	-0.249	-1.56k	1.92k	-1.47k	0.126	-1.28m	19.4m	1.96k	597	-1.35k
1	4.43k	-544	82	1	84.0m	-15.0m	3.04m	629	-0.249	-1.56k	1.92k	-1.47k	0.126	-1.28m	19.4m	1.96k	597	-1.35k
1	4.43k	-544	82	1	84.0m	-15.0m	3.04m	629	-0.249	-1.56k	1.92k	-1.47k	0.126	-1.28m	19.4m	1.96k	597	-1.35k
1	4.43k	-544	82	1	82.9m	-15.2m	2.94m	656	-0.224	-1.54k	1.97k	-1.45k	0.128	-1.23m	19.8m	2.02k	617	-1.31k
1	4.51k	-508	82	1	82.0m	-15.4m	2.85m	681	-0.202	-1.53k	2.02k	-1.43k	0.129	-1.19m	20.2m	2.07k	635	-1.28k
1	4.59k	-476	82	0	32.2m	-77.7m	23.6m	-378	-3.64k	-2.29k	-3.13k	2.34k	75.3m	-51.5m	36.3m	1.10k	1.06k	-1.09k
1	975	14.0k	82	0	24.8m	-59.8m	18.2m	-291	-2.80k	-1.76k	-2.41k	1.80k	57.9m	-39.6m	27.9m	843	818	-836
1	750	10.8k	82	0	24.8m	-59.8m	18.2m	-291	-2.80k	-1.76k	-2.41k	1.80k	57.9m	-39.6m	27.9m	843	818	-836
1	750	10.8k	82	0	24.8m	-59.8m	18.2m	-291	-2.80k	-1.76k	-2.41k	1.80k	57.9m	-39.6m	27.9m	843	818	-836
1	750	10.8k	82	0	24.5m	-60.7m	17.1m	-277	-2.74k	-1.74k	-2.37k	1.87k	58.4m	-38.9m	28.7m	859	875	-823
1	779	11.0k	82	0	24.2m	-61.6m	16.2m	-265	-2.68k	-1.73k	-2.34k	1.93k	58.9m	-38.3m	29.4m	873	925	-812
1	804	11.2k	83	0	27.3m	-77.9m	1.31m	-845	-6.07k	-627	-903	8.69k	69.2m	-55.0m	11.0m	1.07k	56.1	-64.8
1	52.1	18.0k	83	0	21.0m	-60.0m	1.01m	-650	-4.67k	-482	-694	6.69k	53.2m	-42.3m	8.48m	827	43.2	-49.8
1	40.1	13.9k	83	0	21.0m	-60.0m	1.01m	-650	-4.67k	-482	-694	6.69k	53.2m	-42.3m	8.48m	827	43.2	-49.8
1	40.1	13.9k	83	0	21.0m	-60.0m	1.01m	-650	-4.67k	-482	-694	6.69k	53.2m	-42.3m	8.48m	827	43.2	-49.8
1	40.1	13.9k	83	0	20.5m	-60.8m	-0.21m	-638	-4.61k	-471	-672	6.76k	53.9m	-41.8m	9.64m	842	139	-39.7
1	24.2	14.2k	83	0	20.1m	-61.5m	-1.28m	-628	-4.56k	-461	-653	6.82k	54.6m	-41.3m	10.6m	856	222	-31.0
1	10.4	14.4k	-	-	30.0m	-78.9m	1.08m	-715	-5.33k	-2.33k	-2.39k	-2.51k	0.183	-1.44m	35.2m	3.39k	1.68k	-111
1	4.32k	17.1k	-	-	23.1m	-60.7m	0.83m	-550	-4.10k	-1.79k	-1.84k	-1.93k	0.141	-1.11m	27.1m	2.61k	1.29k	-85.7
1	3.32k	13.2k	-	-	23.1m	-60.7m	0.83m	-550	-4.10k	-1.79k	-1.84k	-1.93k	0.141	-1.11m	27.1m	2.61k	1.29k	-85.7
1	3.32k	13.2k	-	-	23.1m	-60.7m	0.83m	-550	-4.10k	-1.79k	-1.84k	-1.93k	0.141	-1.11m	27.1m	2.61k	1.29k	-85.7
1	3.32k	13.2k	-	-	22.6m	-61.6m	43.3μ	-537	-4.03k	-1.78k	-1.81k	-1.91k	0.143	-1.06m	27.8m	2.67k	1.34k	-76.6
1	3.38k	13.4k	-	-	22.2m	-62.4m	-0.77m	-525	-3.97k	-1.76k	-1.78k	-1.89k	0.145	-1.02m	28.5m	2.72k	1.39k	-68.6
1	3.43k	13.7k	84	1	0.113	-20.0m	-24.3m	1.35k	-0.759	1.65k	-4.94k	-2.01k	0.170	-1.52m	-3.51m	2.82k	901	2.02k
1	2.01k	-1.02k	84	1	86.6m	-15.4m	-18.7m	1.04k	-0.584	1.27k	-3.80k	-1.54k	0.130	-1.17m	-2.70m	2.17k	693	1.55k
1	1.54k	-783	84	1	86.6m	-15.4m	-18.7m	1.04k	-0.584	1.27k	-3.80k	-1.54k	0.130	-1.17m	-2.70m	2.17k	693	1.55k
1	1.54k	-783	84	1	86.6m	-15.4m	-18.7m	1.04k	-0.584	1.27k	-3.80k	-1.54k	0.130	-1.17m	-2.70m	2.17k	693	1.55k
1	1.54k	-783	84	1	85.6m	-15.6m	-19.2m	1.06k	-0.558	1.29k	-3.75k	-1.52k	0.132	-1.12m	-2.59m	2.23k	715	1.60k
1	1.45k	-746	84	1	84.7m	-15.9m	-19.6m	1.08k	-0.536	1.30k	-3.70k	-1.51k	0.134	-1.08m	-2.50m	2.28k	735	1.64k
1	1.37k	-712	83	1	0.140	-19.6m	-3.94m	2.99k	-1.58	-113	-478	-2.74k	0.198	-0.48m	0.91m	3.70k	1.44k	679
1	81.9	-876	83	1	0.108	-15.0m	-3.03m	2.30k	-1.22	-87.2	-367	-2.11k	0.152	-0.37m	0.70m	2.85k	1.11k	522
1	63.0	-674	83	1	0.108	-15.0m	-3.03m	2.30k	-1.22	-87.2	-367	-2.11k	0.152	-0.37m	0.70m	2.85k	1.11k	522
1	63.0	-674	83	1	0.108	-15.0m	-3.03m	2.30k	-1.22	-87.2	-367	-2.11k	0.152	-0.37m	0.70m	2.85k	1.11k	522
1	63.0	-674	83	1	0.106	-15.3m	-3.40m	2.32k	-1.20	-81.7	-327	-2.09k	0.154	-0.32m	1.22m	2.93k	1.13k	541
1	101	-568	83	1	0.105	-15.5m	-3.73m	2.34k	-1.18	-76.9	-290	-2.08k	0.156	-0.27m	1.66m	3.00k	1.15k	558
1	135	-474	83	0	27.6m	-77.6m	-8.56m	-852	-6.07k	-102	-111	8.78k	69.1m	-55.0m	1.34m	1.07k	27.9	477
1	639	18.1k	83	0	21.2m	-59.7m	-6.59m	-655	-4.67k	-78.4	-85.1	6.75k	53.1m	-42.3m	1.03m	822	21.5	367

1	492	13.9k	7	3	83	0	21.2m	-59.7m	-6.59m	-655	-4.67k	-78.4	-85.1	6.75k	53.1m	-42.3m	1.03m	822	21.5	367
1	492	13.9k	7	4	83	0	21.2m	-59.7m	-6.59m	-655	-4.67k	-78.4	-85.1	6.75k	53.1m	-42.3m	1.03m	822	21.5	367
1	522	14.2k	7	83	0	20.7m	-60.5m	-7.73m	-644	-4.61k	-73.4	-75.9	6.82k	53.9m	-41.8m	2.27m	838	117	378	
1	549	14.5k	7	83	0	20.2m	-61.3m	-8.73m	-634	-4.56k	-69.0	-67.9	6.88k	54.5m	-41.3m	3.35m	851	202	388	
1	2.94k	14.9k	7	1	84	0	29.7m	-77.9m	-34.3m	-464	-4.08k	987	-523	3.27k	74.3m	-53.8m	-21.8m	1.14k	1.02k	2.22k
1	2.26k	11.5k	7	2	84	0	22.9m	-59.9m	-26.4m	-357	-3.14k	759	-402	2.51k	57.2m	-41.4m	-16.8m	877	787	1.71k
1	2.26k	11.5k	7	3	84	0	22.9m	-59.9m	-26.4m	-357	-3.14k	759	-402	2.51k	57.2m	-41.4m	-16.8m	877	787	1.71k
1	2.26k	11.5k	7	4	84	0	22.9m	-59.9m	-26.4m	-357	-3.14k	759	-402	2.51k	57.2m	-41.4m	-16.8m	877	787	1.71k
1	2.32k	11.7k	7	7	84	0	22.5m	-60.9m	-27.2m	-343	-3.08k	770	-386	2.58k	57.7m	-40.7m	-15.7m	894	849	1.74k
1	2.38k	11.9k	7	8	84	0	22.3m	-61.7m	-27.9m	-331	-3.02k	779	-372	2.64k	58.2m	-40.1m	-14.7m	908	904	1.77k
1	2.14k	17.5k	7	1	-	-	29.9m	-78.6m	-33.4m	-763	-5.57k	-115	-3.57k	-2.60k	0.187	-1.35m	1.28m	3.49k	1.68k	2.29k
1	1.64k	13.4k	7	2	-	-	23.0m	-60.5m	-25.7m	-587	-4.28k	-88.6	-2.75k	-2.00k	0.144	-1.04m	0.98m	2.68k	1.29k	1.76k
1	1.64k	13.4k	7	3	-	-	23.0m	-60.5m	-25.7m	-587	-4.28k	-88.6	-2.75k	-2.00k	0.144	-1.04m	0.98m	2.68k	1.29k	1.76k
1	1.64k	13.4k	7	4	-	-	23.0m	-60.5m	-25.7m	-587	-4.28k	-88.6	-2.75k	-2.00k	0.144	-1.04m	0.98m	2.68k	1.29k	1.76k
1	1.70k	13.7k	7	7	-	-	22.6m	-61.4m	-26.5m	-574	-4.22k	-83.1	-2.71k	-1.98k	0.146	-0.99m	1.92m	2.75k	1.35k	1.80k
1	1.74k	14.0k	7	8	-	-	22.2m	-62.1m	-27.1m	-562	-4.16k	-78.3	-2.67k	-1.96k	0.147	-0.94m	2.73m	2.81k	1.39k	1.84k
15.1k	9.74k	8	1	85	1	62.5m	-5.24m	-10.6m	-12.6k	-2.39k	-36.9	-20.1k	-2.09k	87.4m	6.38m	-1.44m	-7.18k	-2.81	808	-
11.6k	7.49k	8	2	85	1	48.1m	-4.03m	-8.15m	-9.68k	-1.84k	-28.4	-15.5k	-1.61k	67.3m	4.91m	-1.10m	-5.52k	-2.16	622	-
11.6k	7.49k	8	3	85	1	48.1m	-4.03m	-8.15m	-9.68k	-1.84k	-28.4	-15.5k	-1.61k	67.3m	4.91m	-1.10m	-5.52k	-2.16	622	-
11.6k	7.49k	8	4	85	1	48.1m	-4.03m	-8.15m	-9.68k	-1.84k	-28.4	-15.5k	-1.61k	67.3m	4.91m	-1.10m	-5.52k	-2.16	622	-
11.4k	7.65k	8	7	85	1	45.6m	-4.19m	-8.91m	-9.56k	-1.82k	4.54	-15.3k	-1.56k	68.4m	5.17m	-0.95m	-5.46k	-1.87	665	-
11.2k	7.78k	8	8	85	1	43.4m	-4.34m	-9.59m	-9.45k	-1.81k	33.1	-15.1k	-1.52k	69.4m	5.40m	-0.81m	-5.40k	-1.63	703	-
4.28k	-196	8	1	84	1	0.107	-19.4m	-25.0m	-85.2	0.205	1.87k	-7.43k	-1.77k	0.139	-1.99m	-5.74m	1.40k	682	2.03k	-
3.29k	-151	8	2	84	1	82.6m	-14.9m	-19.2m	-65.5	0.158	1.44k	-5.71k	-1.36k	0.107	-1.53m	-4.41m	1.08k	525	1.56k	-
3.29k	-151	8	3	84	1	82.6m	-14.9m	-19.2m	-65.5	0.158	1.44k	-5.71k	-1.36k	0.107	-1.53m	-4.41m	1.08k	525	1.56k	-
3.29k	-151	8	4	84	1	82.6m	-14.9m	-19.2m	-65.5	0.158	1.44k	-5.71k	-1.36k	0.107	-1.53m	-4.41m	1.08k	525	1.56k	-
3.23k	-118	8	7	84	1	81.6m	-15.2m	-19.7m	-36.0	0.187	1.46k	-5.65k	-1.34k	0.109	-1.48m	-4.32m	1.12k	545	1.61k	-
3.18k	-88.4	8	8	84	1	80.7m	-15.4m	-20.1m	-9.77	0.213	1.47k	-5.60k	-1.32k	0.110	-1.44m	-4.23m	1.16k	564	1.65k	-
3.51k	10.8k	8	1	84	0	31.3m	-75.9m	-38.0m	-105	-2.14k	1.43k	-922	2.09k	74.8m	-50.7m	-30.1m	1.06k	1.05k	2.31k	-
2.70k	8.34k	8	2	84	0	24.1m	-58.4m	-29.2m	-80.7	-1.64k	1.10k	-709	1.61k	57.6m	-39.0m	-23.1m	813	806	1.77k	-
2.70k	8.34k	8	3	84	0	24.1m	-58.4m	-29.2m	-80.7	-1.64k	1.10k	-709	1.61k	57.6m	-39.0m	-23.1m	813	806	1.77k	-
2.70k	8.34k	8	4	84	0	24.1m	-58.4m	-29.2m	-80.7	-1.64k	1.10k	-709	1.61k	57.6m	-39.0m	-23.1m	813	806	1.77k	-
2.77k	8.54k	7	7	84	0	23.7m	-59.4m	-30.0m	-65.7	-1.58k	1.11k	-692	1.68k	58.1m	-38.3m	-22.2m	829	862	1.81k	-
2.83k	8.72k	8	8	84	0	23.4m	-60.3m	-30.7m	-52.7	-1.53k	1.11k	-677	1.74k	58.5m	-37.7m	-21.4m	844	912	1.84k	-
8.92k	-5.63k	8	1	85	0	29.6m	16.0m	-55.4m	-7.14k	-1.21k	117	-18.6k	-13.1k	85.8m	0.142	-17.2m	-49.7	2.73k	1.11k	-
6.86k	-4.33k	8	2	85	0	22.8m	12.3m	-42.6m	-5.49k	-931	89.7	-14.3k	-10.1k	66.0m	0.110	-13.2m	-38.2	2.10k	853	-
6.86k	-4.33k	8	3	85	0	22.8m	12.3m	-42.6m	-5.49k	-931	89.7	-14.3k	-10.1k	66.0m	0.110	-13.2m	-38.2	2.10k	853	-
6.86k	-4.33k	8	4	85	0	22.8m	12.3m	-42.6m	-5.49k	-931	89.7	-14.3k	-10.1k	66.0m	0.110	-13.2m	-38.2	2.10k	853	-
6.77k	-4.28k	8	7	85	0	22.2m	11.5m	-43.4m	-5.47k	-925	112	-14.2k	-9.97k	66.4m	0.110	-12.7m	-32.5	2.13k	865	-
6.70k	-4.24k	8	8	85	0	21.8m	10.8m	-44.1m	-5.45k	-920	132	-14.1k	-9.89k	66.7m	0.111	-12.2m	-27.6	2.16k	878	-
3.88k	2.72k	8	1	-	-	42.7m	-60.2m	-49.8m	-10.1k	-2.15k	-13.4	-17.5k	-7.16k	0.107	35.9m	-3.00m	1.40k	2.11k	2.34k	-
2.99k	2.09k	8	2	-	-	32.9m	-46.3m	-38.3m	-7.80k	-1.65k	-10.3	-13.5k	-5.50k	82.2m	27.6m	-2.31m	1.08k	1.62k	1.80k	-
2.99k	2.09k	8	3	-	-	32.9m	-46.3m	-38.3m	-7.80k	-1.65k	-10.3	-13.5k	-5.50k	82.2m	27.6m	-2.31m	1.08k	1.62k	1.80k	-
2.99k	2.09k	8	4	-	-	32.9m	-46.3m	-38.3m	-7.80k	-1.65k	-10.3	-13.5k	-5.50k	82.2m	27.6m	-2.31m	1.08k	1.62k	1.80k	-
3.06k	2.22k	8	7	-	-	32.5m	-47.4m	-39.2m	-7.74k	-1.64k	21.9	-13.4k	-5.42k	83.6m	28.3m	-2.15m	1.11k	1.66k	1.85k	-
3.12k	2.34k	8	8	-	-	32.3m	-48.3m	-39.9m	-7.68k	-1.63k	49.8	-13.3k	-5.34k	84.8m	28.9m	-2.01m	1.15k	1.70k	1.88k	-
15.3k	11.4k	9	1	81	1	33.4m	-8.04m	-16.5m	-12.6k	-2.52k	320	-21.2k	-2.60k	83.1m	4.76m	1.01m	-8.36k	-8.59	1.01k	-
15.3k	11.4k	9	2	81	1	25.7m	-6.19m	-12.7m	-9.71k	-1.94k	246	-16.3k	-2.00k	63.9m	3.66m	0.78m	-6.43k	-6.60	773	-

1	5.29k 10	-2.06k 3	6	0	40.6m	-30.4m	17.8m	-922	206	-1.75k	-1.96k	-6.44k	55.9m	-5.10m	27.6m	147	1.68k	-1.29k
1	5.29k 10	-2.06k 4	6	0	40.6m	-30.4m	17.8m	-922	206	-1.75k	-1.96k	-6.44k	55.9m	-5.10m	27.6m	147	1.68k	-1.29k
1	5.29k 10	-2.06k 7	6	0	40.3m	-31.3m	16.9m	-912	225	-1.73k	-1.89k	-6.38k	56.4m	-4.40m	28.5m	155	1.72k	-1.28k
1	5.34k 10	-1.94k 8	6	0	40.1m	-32.0m	16.2m	-903	241	-1.71k	-1.83k	-6.32k	56.7m	-3.80m	29.4m	161	1.76k	-1.27k
1	5.39k 10	-1.84k 1	-	-	42.8m	-17.0m	1.45m	-10.1k	-2.26k	-2.19k	6.99k	-13.8k	76.4m	36.6m	38.2m	168	2.88k	-486
1	17.7k 10	3.63k 2	-	-	32.9m	-13.0m	1.11m	-7.80k	-1.74k	-1.69k	5.38k	-10.6k	58.7m	28.2m	29.3m	129	2.22k	-374
1	13.6k 10	2.79k 3	-	-	32.9m	-13.0m	1.11m	-7.80k	-1.74k	-1.69k	5.38k	-10.6k	58.7m	28.2m	29.3m	129	2.22k	-374
1	13.6k 10	2.79k 4	-	-	32.9m	-13.0m	1.11m	-7.80k	-1.74k	-1.69k	5.38k	-10.6k	58.7m	28.2m	29.3m	129	2.22k	-374
1	13.6k 10	2.79k 7	-	-	32.7m	-13.6m	0.99m	-7.74k	-1.72k	-1.66k	5.45k	-10.5k	60.1m	28.8m	30.3m	135	2.25k	-342
1	13.8k 10	2.83k 8	-	-	32.5m	-14.1m	0.88m	-7.69k	-1.71k	-1.64k	5.52k	-10.5k	61.3m	29.4m	31.1m	139	2.27k	-314
1	13.9k 11	2.87k 1	11	1	0.109	-18.9m	1.60m	1.73k	-0.397	-2.64k	-209	-1.42k	0.152	-1.30m	9.76m	2.08k	714	-2.31k
1	1.42k 11	59.2 2	11	1	83.9m	-14.6m	1.23m	1.33k	-0.305	-2.03k	-161	-1.09k	0.117	-1.00m	7.51m	1.60k	549	-1.78k
1	1.09k 11	45.5 3	11	1	83.9m	-14.6m	1.23m	1.33k	-0.305	-2.03k	-161	-1.09k	0.117	-1.00m	7.51m	1.60k	549	-1.78k
1	1.09k 11	45.5 4	11	1	83.9m	-14.6m	1.23m	1.33k	-0.305	-2.03k	-161	-1.09k	0.117	-1.00m	7.51m	1.60k	549	-1.78k
1	1.09k 11	45.5 7	11	1	82.3m	-14.9m	1.19m	1.36k	-0.289	-2.01k	-133	-1.07k	0.119	-0.95m	7.73m	1.65k	566	-1.74k
1	1.17k 11	128 8	11	1	80.9m	-15.1m	1.15m	1.39k	-0.275	-1.98k	-108	-1.05k	0.121	-0.91m	7.92m	1.69k	581	-1.71k
1	1.23k 11	199 1	6	1	70.2m	-12.1m	3.96m	-4.27k	-814	-2.68k	5.76k	-1.35k	0.102	-2.16m	19.1m	-392	4.65	-1.87k
1	12.0k 11	2.06k 2	6	1	54.0m	-9.33m	3.04m	-3.28k	-626	-2.06k	4.43k	-1.03k	78.4m	-1.66m	14.7m	-301	3.58	-1.44k
1	9.27k 11	1.58k 3	6	1	54.0m	-9.33m	3.04m	-3.28k	-626	-2.06k	4.43k	-1.03k	78.4m	-1.66m	14.7m	-301	3.58	-1.44k
1	9.27k 11	1.58k 4	6	1	54.0m	-9.33m	3.04m	-3.28k	-626	-2.06k	4.43k	-1.03k	78.4m	-1.66m	14.7m	-301	3.58	-1.44k
1	9.27k 11	1.58k 7	6	1	52.2m	-9.65m	2.96m	-3.25k	-614	-2.03k	4.49k	-1.01k	80.2m	-1.59m	15.0m	-259	3.64	-1.39k
1	9.38k 11	1.61k 8	6	1	50.6m	-9.91m	2.89m	-3.21k	-604	-2.01k	4.54k	-982	81.8m	-1.53m	15.2m	-222	3.69	-1.36k
1	9.48k 11	1.64k 1	6	0	33.5m	-65.6m	16.9m	-702	-1.54k	-2.62k	-4.30k	-3.81k	72.7m	-20.7m	28.6m	281	1.51k	-1.68k
1	6.64k 11	7.38k 2	6	0	25.8m	-50.5m	13.0m	-540	-1.18k	-2.02k	-3.30k	-2.93k	55.9m	-15.9m	22.0m	216	1.16k	-1.29k
1	5.11k 11	5.68k 3	6	0	25.8m	-50.5m	13.0m	-540	-1.18k	-2.02k	-3.30k	-2.93k	55.9m	-15.9m	22.0m	216	1.16k	-1.29k
1	5.11k 11	5.68k 4	6	0	25.8m	-50.5m	13.0m	-540	-1.18k	-2.02k	-3.30k	-2.93k	55.9m	-15.9m	22.0m	216	1.16k	-1.29k
1	5.11k 11	5.68k 7	6	0	25.3m	-51.5m	12.4m	-528	-1.11k	-2.00k	-3.27k	-2.88k	56.4m	-15.3m	22.7m	230	1.21k	-1.29k
1	5.16k 11	5.80k 8	6	0	24.9m	-52.3m	11.8m	-518	-1.05k	-1.98k	-3.23k	-2.83k	56.9m	-14.7m	23.3m	241	1.26k	-1.28k
1	5.20k 11	5.90k 1	11	0	19.2m	-69.7m	7.31m	-1.28k	-7.49k	-2.04k	-2.97k	8.21k	58.1m	-48.5m	12.1m	483	-1.06k	-1.03k
1	1.34k 11	17.7k 2	11	0	14.8m	-53.6m	5.62m	-985	-5.76k	-1.57k	-2.28k	6.32k	44.7m	-37.3m	9.27m	371	-815	-793
1	1.03k 11	13.6k 3	11	0	14.8m	-53.6m	5.62m	-985	-5.76k	-1.57k	-2.28k	6.32k	44.7m	-37.3m	9.27m	371	-815	-793
1	1.03k 11	13.6k 4	11	0	14.8m	-53.6m	5.62m	-985	-5.76k	-1.57k	-2.28k	6.32k	44.7m	-37.3m	9.27m	371	-815	-793
1	1.03k 11	13.6k 7	11	0	14.4m	-54.7m	5.12m	-966	-5.66k	-1.55k	-2.25k	6.43k	45.5m	-36.5m	9.76m	387	-723	-787
1	1.01k 11	13.8k 8	11	0	14.0m	-55.6m	4.69m	-949	-5.57k	-1.54k	-2.21k	6.53k	46.2m	-35.9m	10.2m	400	-644	-782
1	-983 11	14.0k 1	-	-	24.6m	-70.7m	3.32m	-2.62k	-4.80k	-2.87k	-4.08k	-3.32k	0.128	-2.40m	26.8m	1.70k	728	-1.38k
1	10.4k 11	14.1k 2	-	-	18.9m	-54.4m	2.56m	-2.02k	-3.69k	-2.21k	-3.14k	-2.55k	98.7m	-1.85m	20.6m	1.31k	560	-1.06k
1	8.03k 11	10.8k 3	-	-	18.9m	-54.4m	2.56m	-2.02k	-3.69k	-2.21k	-3.14k	-2.55k	98.7m	-1.85m	20.6m	1.31k	560	-1.06k
1	8.03k 11	10.8k 4	-	-	18.9m	-54.4m	2.56m	-2.02k	-3.69k	-2.21k	-3.14k	-2.55k	98.7m	-1.85m	20.6m	1.31k	560	-1.06k
1	8.03k 11	10.8k 7	-	-	18.5m	-55.5m	2.50m	-1.99k	-3.61k	-2.18k	-3.10k	-2.51k	0.101	-1.80m	21.1m	1.35k	599	-1.05k
1	8.11k 11	11.0k 8	-	-	18.1m	-56.3m	2.46m	-1.97k	-3.53k	-2.16k	-3.06k	-2.47k	0.102	-1.75m	21.6m	1.38k	634	-1.04k
1	8.18k 12	11.2k 1	16	1	0.115	-15.5m	-1.96m	868	-0.909	-1.33k	-798	-1.04k	0.156	-1.20m	59.1μ	1.45k	330	-990
1	-616 12	1.46k 2	16	1	88.4m	-11.9m	-1.51m	667	-0.699	-1.02k	-614	-797	0.120	-0.92m	45.4μ	1.12k	254	-762
1	-474 12	1.13k 3	16	1	88.4m	-11.9m	-1.51m	667	-0.699	-1.02k	-614	-797	0.120	-0.92m	45.4μ	1.12k	254	-762
1	-474 12	1.13k 4	16	1	88.4m	-11.9m	-1.51m	667	-0.699	-1.02k	-614	-797	0.120	-0.92m	45.4μ	1.12k	254	-762
1	-474 12	1.13k 7	16	1	86.4m	-12.2m	-1.75m	688	-0.675	-1.00k	-580	-779	0.123	-0.87m	0.15m	1.17k	274	-745
1	-397 12	1.24k 8	16	1	84.6m	-12.4m	-1.96m	706	-0.653	-988	-550	-763	0.125	-0.82m	0.24m	1.21k	291	-730
1	-329 12	1.34k 1	11	1	0.111	-18.2m	0.30m	1.67k	-0.789	-2.32k	-569	-1.43k	0.156	-1.23m	6.88m	2.08k	714	-1.90k
1	24.9 12	276 2	11	1	85.7m	-14.0m	0.23m	1.29k	-0.607	-1.78k	-438	-1.10k	0.120	-0.95m	5.29m	1.60k	549	-1.46k

1	19.1	212																	
	12	3	11	1	85.7m	-14.0m	0.23m	1.29k	-0.607	-1.78k	-438	-1.10k	0.120	-0.95m	5.29m	1.60k	549	-1.46k	
	19.1	212																	
1	12	4	11	1	85.7m	-14.0m	0.23m	1.29k	-0.607	-1.78k	-438	-1.10k	0.120	-0.95m	5.29m	1.60k	549	-1.46k	
	19.1	212																	
1	12	7	11	1	84.1m	-14.3m	0.19m	1.32k	-0.574	-1.76k	-389	-1.08k	0.122	-0.90m	5.50m	1.65k	566	-1.43k	
	56.8	299																	
1	12	8	11	1	82.7m	-14.6m	0.15m	1.34k	-0.545	-1.74k	-346	-1.06k	0.124	-0.85m	5.68m	1.69k	581	-1.41k	
	90.4	375																	
1	12	1	11	0	19.7m	-65.5m	2.83m	-1.59k	-8.80k	-1.85k	-2.18k	8.88k	56.8m	-47.1m	8.37m	380	-1.39k	-781	-
1.32k	19.0k																		
1	12	2	11	0	15.2m	-50.4m	2.18m	-1.22k	-6.77k	-1.42k	-1.68k	6.83k	43.7m	-36.2m	6.44m	293	-1.07k	-601	-
1.02k	14.6k																		
1	12	3	11	0	15.2m	-50.4m	2.18m	-1.22k	-6.77k	-1.42k	-1.68k	6.83k	43.7m	-36.2m	6.44m	293	-1.07k	-601	-
1.02k	14.6k																		
1	12	4	11	0	15.2m	-50.4m	2.18m	-1.22k	-6.77k	-1.42k	-1.68k	6.83k	43.7m	-36.2m	6.44m	293	-1.07k	-601	-
1.02k	14.6k																		
1	12	7	11	0	14.7m	-51.4m	1.71m	-1.20k	-6.66k	-1.41k	-1.64k	6.95k	44.5m	-35.5m	6.85m	309	-974	-595	
	-994	14.8k																	
1	12	8	11	0	14.3m	-52.3m	1.30m	-1.18k	-6.57k	-1.39k	-1.61k	7.05k	45.3m	-34.8m	7.21m	323	-889	-590	
	-972	15.0k																	
1	12	1	16	0	19.1m	-57.4m	-5.30m	-2.04k	-10.7k	-784	-955	11.2k	54.3m	-39.9m	-1.85m	-335	-3.32k	-394	
	-695	19.9k																	
1	12	2	16	0	14.7m	-44.2m	-4.08m	-1.57k	-8.24k	-603	-735	8.59k	41.8m	-30.7m	-1.42m	-258	-2.55k	-303	
	-535	15.3k																	
1	12	3	16	0	14.7m	-44.2m	-4.08m	-1.57k	-8.24k	-603	-735	8.59k	41.8m	-30.7m	-1.42m	-258	-2.55k	-303	
	-535	15.3k																	
1	12	4	16	0	14.7m	-44.2m	-4.08m	-1.57k	-8.24k	-603	-735	8.59k	41.8m	-30.7m	-1.42m	-258	-2.55k	-303	
	-535	15.3k																	
1	12	7	16	0	14.2m	-45.2m	-4.67m	-1.54k	-8.12k	-591	-717	8.71k	42.8m	-30.0m	-0.92m	-234	-2.42k	-296	
	-509	15.6k																	
1	12	8	16	0	13.8m	-46.0m	-5.19m	-1.52k	-8.01k	-580	-701	8.81k	43.6m	-29.3m	-0.48m	-214	-2.31k	-290	
	-486	15.8k																	
1	12	1	-	-	20.3m	-61.2m	-3.61m	-1.84k	-9.89k	-2.29k	-1.51k	-1.32k	0.156	-1.43m	8.77m	1.81k	666	-568	
	-451	19.7k																	
1	12	2	-	-	15.6m	-47.0m	-2.78m	-1.42k	-7.61k	-1.76k	-1.16k	-1.02k	0.120	-1.10m	6.75m	1.39k	512	-437	
	-347	15.1k																	
1	12	3	-	-	15.6m	-47.0m	-2.78m	-1.42k	-7.61k	-1.76k	-1.16k	-1.02k	0.120	-1.10m	6.75m	1.39k	512	-437	
	-347	15.1k																	
1	12	4	-	-	15.6m	-47.0m	-2.78m	-1.42k	-7.61k	-1.76k	-1.16k	-1.02k	0.120	-1.10m	6.75m	1.39k	512	-437	
	-347	15.1k																	
1	12	7	-	-	15.1m	-48.1m	-3.23m	-1.40k	-7.49k	-1.74k	-1.13k	-1.00k	0.123	-1.05m	7.08m	1.43k	528	-431	
	-321	15.4k																	
1	12	8	-	-	14.7m	-48.9m	-3.63m	-1.38k	-7.39k	-1.72k	-1.10k	-990	0.125	-1.01m	7.36m	1.46k	542	-426	
	-246	15.6k																	
1	13	1	21	1	0.114	-15.0m	-3.05m	732	-77.9m	-891	-584	-718	0.154	-1.27m	-0.70m	1.03k	199	-829	
	-561	1.60k																	
1	13	2	21	1	87.4m	-11.5m	-2.35m	563	-59.9m	-686	-449	-552	0.118	-0.98m	-0.54m	796	153	-637	
	-431	1.23k																	
1	13	3	21	1	87.4m	-11.5m	-2.35m	563	-59.9m	-686	-449	-552	0.118	-0.98m	-0.54m	796	153	-637	
	-431	1.23k																	
1	13	4	21	1	87.4m	-11.5m	-2.35m	563	-59.9m	-686	-449	-552	0.118	-0.98m	-0.54m	796	153	-637	
	-431	1.23k																	
1	13	7	21	1	85.3m	-11.8m	-2.60m	577	-52.4m	-669	-401	-533	0.121	-0.92m	-0.49m	823	174	-621	
	-335	1.35k																	
1	13	8	21	1	83.4m	-12.1m	-2.83m	589	-45.6m	-654	-359	-515	0.123	-0.87m	-0.44m	847	195	-606	
	-249	1.45k																	
1	13	1	16	1	0.115	-15.2m	-1.96m	868	-0.297	-1.02k	-667	-819	0.155	-1.20m	-0.33m	1.16k	274	-968	
	-605	1.46k																	
1	13	2	16	1	88.4m	-11.7m	-1.51m	667	-0.228	-783	-513	-630	0.119	-0.92m	-0.25m	892	211	-744	
	-465	1.13k																	
1	13	3	16	1	88.4m	-11.7m	-1.51m	667	-0.228	-783	-513	-630	0.119	-0.92m	-0.25m	892	211	-744	
	-465	1.13k																	
1	13	4	16	1	88.4m	-11.7m	-1.51m	667	-0.228	-783	-513	-630	0.119	-0.92m	-0.25m	892	211	-744	
	-465	1.13k																	
1	13	7	16	1	86.4m	-12.0m	-1.75m	688	-0.216	-766	-470	-613	0.122	-0.87m	-0.20m	926	232	-727	
	-380	1.24k																	
1	13	8	16	1	84.6m	-12.2m	-1.96m	706	-0.205	-752	-431	-598	0.125	-0.82m	-0.16m	957	251	-712	
	-302	1.34k																	
1	13	1	16	0	18.6m	-54.8m	-8.06m	-2.06k	-10.8k	-693	-714	11.3k	53.8m	-39.9m	-4.13m	-399	-3.48k	-366	
	-672	19.9k																	
1	13	2	16	0	14.3m	-42.2m	-6.20m	-1.58k	-8.30k	-533	-549	8.66k	41.4m	-30.7m	-3.18m	-307	-2.68k	-282	
	-517	15.3k																	
1	13	3	16	0	14.3m	-42.2m	-6.20m	-1.58k	-8.30k	-533	-549	8.66k	41.4m	-30.7m	-3.18m	-307	-2.68k	-282	
	-517	15.3k																	
1	13	4	16	0	14.3m	-42.2m	-6.20m	-1.58k	-8.30k	-533	-549	8.66k	41.4m	-30.7m	-3.18m	-307	-2.68k	-282	
	-517	15.3k																	
1	13	7	16	0	13.8m	-43.2m	-6.82m	-1.56k	-8.17k	-521	-534	8.79k	42.4m	-30.0m	-2.68m	-283	-2.54k	-274	
	-499	15.6k																	
1	13	8	16	0	13.4m	-44.0m	-7.37m	-1.54k	-8.06k	-509	-521	8.89k	43.3m	-29.3m	-2.23m	-263	-2.43k	-268	
	-475	15.8k																	
1	13	1	21	0	18.4m	-53.8m	-6.91m	-2.11k	-11.0k	-574	-621	11.4k	53.0m	-39.1m	-4.86m	-486	-3.69k	-325	
	-586	20.0k																	
1	13	2	21	0	14.1m	-41.4m	-5.31m	-1.62k	-8.44k	-442	-477	8.75k	40.8m	-30.1m	-3.74m	-373	-2.84k	-250	
	-451	15.4k																	
1	13	3	21	0	14.1m	-41.4m	-5.31m	-1.62k	-8.44k	-442	-477	8.75k	40.8m	-30.1m	-3.74m	-373	-2.84k	-250	
	-451	15.4k																	
1	13	4	21	0	14.1m	-41.4m	-5.31m	-1.62k	-8.44k	-442	-477	8.75k	40.8m	-30.1m	-3.74m	-373	-2.84k	-250	
	-451	15.4k																	
1	13	7	21	0	13.7m	-42.4m	-5.95m	-1.60k	-8.32k	-428	-464	8.88k	41.9m	-29.3m	-3.11m	-349	-2.70k	-242	
	-427	15.6k																	
1	13	8	21	0	13.2m	-43.2m	-6.52m	-1.58k	-8.20k	-416	-452	9.00k	42.8m	-28.7m	-2.55m	-328	-2.58k	-236	
	-401	15.9k																	
1	13	1	-	-	18.5m	-54.1m	-6.45m	-2.08k											

1	-444	15.4k	3	-	-	14.2m	-41.6m	-4.96m	-1.60k	-8.35k	-733	-525	-577	0.119	-0.96m	-0.54m	827	195	-269
1	-444	15.4k	4	-	-	14.2m	-41.6m	-4.96m	-1.60k	-8.35k	-733	-525	-577	0.119	-0.96m	-0.54m	827	195	-269
1	-444	15.4k	7	-	-	13.8m	-42.6m	-5.59m	-1.57k	-8.22k	-717	-502	-560	0.121	-0.90m	-0.49m	856	217	-262
1	-365	15.6k	8	-	-	13.4m	-43.5m	-6.14m	-1.55k	-8.11k	-703	-482	-544	0.124	-0.85m	-0.44m	881	236	-255
1	-285	15.8k	1	26	1	0.112	-14.9m	-3.96m	611	-0.177	-747	-516	-592	0.151	-1.27m	-0.67m	882	155	-690
1	-466	1.72k	2	26	1	86.2m	-11.4m	-3.04m	470	-0.136	-575	-397	-455	0.116	-0.98m	-0.52m	679	119	-531
1	-358	1.32k	3	26	1	86.2m	-11.4m	-3.04m	470	-0.136	-575	-397	-455	0.116	-0.98m	-0.52m	679	119	-531
1	-358	1.32k	4	26	1	86.2m	-11.4m	-3.04m	470	-0.136	-575	-397	-455	0.116	-0.98m	-0.52m	679	119	-531
1	-358	1.32k	7	26	1	83.9m	-11.7m	-3.31m	488	-0.126	-559	-348	-426	0.119	-0.92m	-0.46m	709	129	-514
1	-282	1.44k	8	26	1	82.0m	-12.0m	-3.54m	503	-0.117	-545	-305	-400	0.122	-0.87m	-0.42m	736	146	-500
1	-214	1.54k	1	21	1	0.114	-15.0m	-3.05m	732	-61.0m	-854	-571	-686	0.153	-1.29m	-0.70m	994	195	-813
1	-543	1.60k	2	21	1	87.4m	-11.5m	-2.35m	563	-46.9m	-657	-439	-527	0.118	-0.99m	-0.54m	764	150	-625
1	-417	1.23k	3	21	1	87.4m	-11.5m	-2.35m	563	-46.9m	-657	-439	-527	0.118	-0.99m	-0.54m	764	150	-625
1	-417	1.23k	4	21	1	87.4m	-11.5m	-2.35m	563	-46.9m	-657	-439	-527	0.118	-0.99m	-0.54m	764	150	-625
1	-417	1.23k	7	21	1	85.3m	-11.8m	-2.60m	577	-37.5m	-640	-393	-505	0.120	-0.94m	-0.49m	790	174	-609
1	-322	1.35k	8	21	1	83.4m	-12.1m	-2.83m	589	-29.1m	-625	-352	-485	0.123	-0.89m	-0.44m	813	195	-594
1	-236	1.45k	1	21	0	17.9m	-53.6m	-9.36m	-2.12k	-11.0k	-574	-596	11.4k	53.0m	-39.1m	-5.76m	-486	-3.69k	-303
1	-541	20.0k	2	21	0	13.8m	-41.2m	-7.20m	-1.63k	-8.49k	-442	-458	8.75k	40.8m	-30.1m	-4.43m	-373	-2.84k	-233
1	-416	15.4k	3	21	0	13.8m	-41.2m	-7.20m	-1.63k	-8.49k	-442	-458	8.75k	40.8m	-30.1m	-4.43m	-373	-2.84k	-233
1	-416	15.4k	4	21	0	13.8m	-41.2m	-7.20m	-1.63k	-8.49k	-442	-458	8.75k	40.8m	-30.1m	-4.43m	-373	-2.84k	-233
1	-416	15.4k	7	21	0	13.3m	-42.2m	-7.85m	-1.61k	-8.36k	-428	-445	8.88k	41.9m	-29.3m	-3.90m	-349	-2.70k	-226
1	-386	15.6k	8	21	0	12.8m	-43.0m	-8.42m	-1.59k	-8.24k	-416	-433	9.00k	42.8m	-28.7m	-3.44m	-328	-2.58k	-219
1	-359	15.9k	1	26	0	17.1m	-52.7m	-8.24m	-2.17k	-11.2k	-474	-542	11.5k	52.2m	-38.4m	-5.88m	-561	-3.87k	-269
1	-502	20.0k	2	26	0	13.2m	-40.6m	-6.34m	-1.67k	-8.61k	-365	-417	8.82k	40.2m	-29.6m	-4.52m	-432	-2.97k	-207
1	-386	15.4k	3	26	0	13.2m	-40.6m	-6.34m	-1.67k	-8.61k	-365	-417	8.82k	40.2m	-29.6m	-4.52m	-432	-2.97k	-207
1	-386	15.4k	4	26	0	13.2m	-40.6m	-6.34m	-1.67k	-8.61k	-365	-417	8.82k	40.2m	-29.6m	-4.52m	-432	-2.97k	-207
1	-386	15.4k	7	26	0	12.6m	-41.5m	-6.98m	-1.64k	-8.48k	-352	-393	8.96k	41.3m	-28.8m	-3.88m	-405	-2.84k	-199
1	-364	15.7k	8	26	0	12.2m	-42.4m	-7.56m	-1.62k	-8.36k	-340	-381	9.09k	42.3m	-28.2m	-3.31m	-382	-2.72k	-193
1	-343	15.9k	1	-	-	17.6m	-52.9m	-7.68m	-2.14k	-11.1k	-796	-589	-625	0.152	-1.29m	-0.69m	917	177	-289
1	-499	20.0k	2	-	-	13.5m	-40.7m	-5.91m	-1.64k	-8.53k	-612	-453	-481	0.117	-0.99m	-0.53m	706	136	-223
1	-384	15.4k	3	-	-	13.5m	-40.7m	-5.91m	-1.64k	-8.53k	-612	-453	-481	0.117	-0.99m	-0.53m	706	136	-223
1	-384	15.4k	4	-	-	13.5m	-40.7m	-5.91m	-1.64k	-8.53k	-612	-453	-481	0.117	-0.99m	-0.53m	706	136	-223
1	-384	15.4k	7	-	-	13.0m	-41.7m	-6.56m	-1.62k	-8.40k	-596	-428	-453	0.120	-0.93m	-0.48m	732	161	-215
1	-308	15.6k	8	-	-	12.5m	-42.6m	-7.13m	-1.60k	-8.28k	-582	-406	-428	0.122	-0.88m	-0.43m	756	182	-209
1	-227	15.9k	1	31	1	0.101	-14.1m	-3.58m	191	-126	-330	-292	-209	0.138	-1.44m	-0.49m	414	61.0	-226
1	-189	2.11k	2	31	1	78.1m	-10.9m	-2.76m	147	-97.3	-254	-225	-161	0.106	-1.11m	-0.38m	319	46.9	-174
1	-146	1.62k	3	31	1	78.1m	-10.9m	-2.76m	147	-97.3	-254	-225	-161	0.106	-1.11m	-0.38m	319	46.9	-174
1	-146	1.62k	4	31	1	78.1m	-10.9m	-2.76m	147	-97.3	-254	-225	-161	0.106	-1.11m	-0.38m	319	46.9	-174
1	-146	1.62k	7	31	1	75.4m	-11.2m	-3.01m	164	-78.8	-238	-176	-136	0.109	-1.04m	-0.32m	345	52.9	-155
94.4	1.74k	8	31	1	73.1m	-11.4m	-3.24m	179	-62.4	-224	-132	-113	0.112	-0.97m	-0.28m	369	58.3	-139	
27.1	1.84k	1	26	1	0.111	-14.9m	-4.42m	541	-0.271	-712	-498	-567	0.150	-1.30m	-0.62m	845	148	-529	
1	-358	1.79k	2	26	1	85.2m	-11.4m	-3.40m	416	-0.209	-548	-383	-437	0.116	-1.00m	-0.48m	650	114	-407
1	-276	1.38k	3	26	1	85.2m	-11.4m	-3.40m	416	-0.209	-548	-383	-437	0.116	-1.00m	-0.48m	650	114	-407
1	-276	1.38k	4	26	1	85.2m	-11.4m	-3.40m	416	-0.209	-548	-383	-437	0.116	-1.00m	-0.48m	650	114	-407
1	-276	1.38k	7	26	1	82.9m	-11.7m	-3.67m	435	-0.192	-532	-339	-406	0.119	-0.94m	-0.43m	684	123	-389
1	-244	1.49k	8	26	1	81.0m	-12.0m	-3.91m	453	-0.176	-519	-300	-378	0.121	-0.88m	-0.38m	715	146	-373
1	-210	1.59k	1	26	0	15.6m	-52.6m	-10.9m	-2.24k	-11.5k	-474	-509	11.5k	52.2m	-38.1m	-7.08m	-561	-3.87k	-192
1	-362	20.1k	2	26	0	12.0m	-40.5m	-8.42m	-1.72k	-8.82k	-365	-391	8.82k	40.2m	-29.3m	-5.44m	-432	-2.97k	-148

1	-278 15	15.5k 3	26	0	12.0m	-40.5m	-8.42m	-1.72k	-8.82k	-365	-391	8.82k	40.2m	-29.3m	-5.44m	-432	-2.97k	-148
1	-278 15	15.5k 4	26	0	12.0m	-40.5m	-8.42m	-1.72k	-8.82k	-365	-391	8.82k	40.2m	-29.3m	-5.44m	-432	-2.97k	-148
1	-278 15	15.5k 7	26	0	11.4m	-41.5m	-9.07m	-1.70k	-8.68k	-352	-375	8.96k	41.3m	-28.5m	-4.91m	-405	-2.84k	-141
1	-264 15	15.7k 8	26	0	10.9m	-42.3m	-9.65m	-1.68k	-8.56k	-340	-364	9.09k	42.3m	-27.9m	-4.43m	-382	-2.72k	-134
1	-247 15	16.0k 1	31	0	13.8m	-48.1m	-8.75m	-2.34k	-11.8k	-173	-225	11.7k	47.6m	-35.0m	-6.25m	-792	-4.40k	-80.5
1	-180 15	20.1k 2	31	0	10.6m	-37.0m	-6.73m	-1.80k	-9.11k	-133	-173	8.97k	36.6m	-26.9m	-4.81m	-609	-3.39k	-61.9
1	-139 15	15.4k 3	31	0	10.6m	-37.0m	-6.73m	-1.80k	-9.11k	-133	-173	8.97k	36.6m	-26.9m	-4.81m	-609	-3.39k	-61.9
1	-139 15	15.4k 4	31	0	10.6m	-37.0m	-6.73m	-1.80k	-9.11k	-133	-173	8.97k	36.6m	-26.9m	-4.81m	-609	-3.39k	-61.9
1	-139 15	15.4k 7	31	0	9.93m	-37.9m	-7.34m	-1.78k	-8.99k	-120	-162	9.09k	38.0m	-26.2m	-4.19m	-582	-3.25k	-54.8
1	-113 15	15.7k 8	31	0	9.34m	-38.7m	-7.88m	-1.76k	-8.89k	-109	-153	9.20k	39.2m	-25.6m	-3.65m	-558	-3.13k	-48.6
90.6	15.9k																	-
1	15	1	-	-	15.6m	-50.5m	-9.07m	-2.29k	-11.7k	-662	-503	-362	0.143	-1.59m	-0.68m	580	95.8	-130
1	-185 15	20.1k 2	-	-	12.0m	-38.8m	-6.98m	-1.76k	-8.98k	-509	-387	-278	0.110	-1.23m	-0.52m	446	73.7	-100
1	-142 15	15.5k 3	-	-	12.0m	-38.8m	-6.98m	-1.76k	-8.98k	-509	-387	-278	0.110	-1.23m	-0.52m	446	73.7	-100
1	-142 15	15.5k 4	-	-	12.0m	-38.8m	-6.98m	-1.76k	-8.98k	-509	-387	-278	0.110	-1.23m	-0.52m	446	73.7	-100
1	-142 15	15.5k 7	-	-	11.4m	-39.8m	-7.58m	-1.74k	-8.85k	-494	-365	-242	0.113	-1.16m	-0.47m	483	82.0	-92.6
1	-112 15	15.7k 8	-	-	10.8m	-40.6m	-8.12m	-1.72k	-8.74k	-480	-345	-211	0.116	-1.10m	-0.42m	516	98.9	-86.0
33.8	16.0k																	-
1	16	1	36	1	94.9m	-13.8m	-0.81m	57.6	-206	-81.3	-84.0	-5.03	0.125	-1.64m	-37.7μ	170	10.8	-37.1
32.6	2.22k																	-
1	16	2	36	1	73.0m	-10.6m	-0.62m	44.3	-159	-62.5	-64.6	-3.87	96.4m	-1.26m	-29.0μ	131	8.28	-28.6
25.1	1.71k																	-
1	16	3	36	1	73.0m	-10.6m	-0.62m	44.3	-159	-62.5	-64.6	-3.87	96.4m	-1.26m	-29.0μ	131	8.28	-28.6
25.1	1.71k																	-
1	16	4	36	1	73.0m	-10.6m	-0.62m	44.3	-159	-62.5	-64.6	-3.87	96.4m	-1.26m	-29.0μ	131	8.28	-28.6
25.1	1.71k																	-
1	16	7	36	1	70.2m	-10.9m	-0.88m	69.2	-140	-47.4	-29.4	32.5	0.100	-1.18m	23.6μ	171	17.7	-7.29
1	26.7 16	1.82k 8	36	1	67.8m	-11.2m	-1.11m	91.2	-123	-34.1	-4.86	65.0	0.103	-1.11m	69.6μ	206	26.0	11.8
1	73.2 16	1.91k 1	31	1	0.100	-14.1m	-3.97m	165	-142	-235	-193	-129	0.134	-1.46m	-0.68m	317	40.6	-162
1	-124 16	2.13k 2	31	1	77.1m	-10.9m	-3.05m	127	-109	-180	-149	-99.0	0.103	-1.12m	-0.53m	244	31.2	-124
95.3	1.64k																	-
1	16	3	31	1	77.1m	-10.9m	-3.05m	127	-109	-180	-149	-99.0	0.103	-1.12m	-0.53m	244	31.2	-124
95.3	1.64k																	-
1	16	4	31	1	77.1m	-10.9m	-3.05m	127	-109	-180	-149	-99.0	0.103	-1.12m	-0.53m	244	31.2	-124
95.3	1.64k																	-
1	16	7	31	1	74.4m	-11.2m	-3.31m	146	-91.2	-164	-124	-72.1	0.107	-1.04m	-0.47m	289	38.3	-104
21.9	1.76k																	-
1	16	8	31	1	72.1m	-11.4m	-3.53m	164	-75.2	-150	-105	-48.1	0.110	-0.98m	-0.42m	329	44.5	-85.6
1	43.9 16	1.86k 1	31	0	12.0m	-47.2m	-10.8m	-2.37k	-11.9k	-149	-199	11.7k	46.9m	-34.8m	-6.98m	-811	-4.44k	-52.6
1	-109 16	20.1k 2	31	0	9.26m	-36.3m	-8.32m	-1.82k	-9.19k	-115	-153	8.98k	36.1m	-26.8m	-5.37m	-624	-3.42k	-40.5
83.5	15.5k																	-
1	16	3	31	0	9.26m	-36.3m	-8.32m	-1.82k	-9.19k	-115	-153	8.98k	36.1m	-26.8m	-5.37m	-624	-3.42k	-40.5
83.5	15.5k																	-
1	16	4	31	0	9.26m	-36.3m	-8.32m	-1.82k	-9.19k	-115	-153	8.98k	36.1m	-26.8m	-5.37m	-624	-3.42k	-40.5
83.5	15.5k																	-
1	16	7	31	0	8.51m	-37.3m	-8.94m	-1.80k	-9.07k	-103	-136	9.10k	37.5m	-26.1m	-4.85m	-596	-3.28k	-33.6
59.2	15.7k																	-
1	16	8	31	0	7.86m	-38.1m	-9.48m	-1.78k	-8.98k	-92.3	-124	9.20k	38.7m	-25.5m	-4.39m	-571	-3.16k	-27.7
37.6	15.9k																	-
1	16	1	36	0	11.3m	-45.0m	-3.84m	-2.40k	-12.0k	-34.5	-60.7	11.7k	43.7m	-33.4m	-0.30m	-886	-4.61k	-12.3
33.1	20.1k																	-
1	16	2	36	0	8.69m	-34.6m	-2.95m	-1.84k	-9.26k	-26.5	-46.7	9.01k	33.6m	-25.7m	-0.23m	-682	-3.54k	-9.46
25.4	15.5k																	-
1	16	3	36	0	8.69m	-34.6m	-2.95m	-1.84k	-9.26k	-26.5	-46.7	9.01k	33.6m	-25.7m	-0.23m	-682	-3.54k	-9.46
25.4	15.5k																	-
1	16	4	36	0	8.69m	-34.6m	-2.95m	-1.84k	-9.26k	-26.5	-46.7	9.01k	33.6m	-25.7m	-0.23m	-682	-3.54k	-9.46
25.4	15.5k																	-
1	16	7	36	0	7.91m	-35.5m	-3.54m	-1.83k	-9.18k	-19.0	-35.1	9.11k	35.1m	-25.1m	0.40m	-652	-3.42k	-1.05
2.40	15.7k																	-
1	16	8	36	0	7.23m	-36.2m	-4.05m	-1.82k	-9.11k	-12.5	-25.0	9.19k	36.3m	-24.5m	0.95m	-626	-3.31k	11.9
1	21.7 16	15.9k 1	-	-	12.2m	-46.1m	-6.87m	-2.38k	-12.0k	-215	-188	-53.2	0.128	-1.74m	-0.34m	221	21.6	-28.3
33.1	20.1k																	-
1	16	2	-	-	9.37m	-35.4m	-5.28m	-1.83k	-9.23k	-165	-145	-40.9	98.5m	-1.34m	-0.26m	170	16.6	-21.7
25.5	15.5k																	-
1	16	3	-	-	9.37m	-35.4m	-5.28m	-1.83k	-9.23k	-165	-145	-40.9	98.5m	-1.34m	-0.26m	170	16.6	-21.7
25.5	15.5k																	-
1	16	4	-	-	9.37m	-35.4m	-5.28m	-1.83k	-9.23k	-165	-145	-40.9	98.5m	-1.34m	-0.26m	170	16.6	-21.7
25.5	15.5k																	-
1	16	7	-	-	8.62m	-36.3m	-5.82m	-1.81k	-9.13k	-150	-128	-18.5	0.102	-1.26m	-0.20m	192	24.4	-3.47
1	18.1 16	15.7k 8	-	-	7.96m	-37.1m	-6.31m	-1.80k	-9.05k	-137	-116	1.33	0.105	-1.20m	-39.5μ	212	31.2	12.5
1	90.3 17	15.9k 1	41	1	94.5m	-13.7m	-0.38m	52.5	-209	-20.2	-18.0	17.5	0.124	-1.68m	-74.9μ	143	5.04	-13.8
12.7	2.23k																	-
1	17	2	41	1	72.7m	-10.6m	-0.29m	40.4	-161	-15.5	-13.9	13.5	95.3m	-1.29m	-57.7μ	110	3.88	-10.6

1	8.28 18	15.5k 3	46	0	8.31m	-34.3m	29.9μ	-1.85k	-9.27k	0.670	2.99	9.02k	33.2m	-25.7m	1.64m	-688	-3.55k	4.55
1	8.28 18	15.5k 4	46	0	8.31m	-34.3m	29.9μ	-1.85k	-9.27k	0.670	2.99	9.02k	33.2m	-25.7m	1.64m	-688	-3.55k	4.55
1	8.28 18	15.5k 7	46	0	7.55m	-35.1m	-0.52m	-1.84k	-9.21k	3.17	9.10	9.08k	34.7m	-25.0m	2.25m	-660	-3.43k	21.7
1	37.2 18	15.7k 8	46	0	6.88m	-35.9m	-1.02m	-1.82k	-9.16k	5.37	14.1	9.13k	36.0m	-24.5m	2.78m	-636	-3.33k	36.8
1	67.5 18	15.9k 1	-	-	10.8m	-44.6m	-0.62m	-2.40k	-12.1k	-13.1	-12.6	19.4	0.124	-1.67m	80.2μ	140	4.58	8.56
1	8.45 18	20.1k 2	-	-	8.33m	-34.3m	-0.48m	-1.85k	-9.27k	-10.1	-9.66	14.9	95.2m	-1.28m	61.7μ	108	3.52	6.59
1	6.50 18	15.5k 3	-	-	8.33m	-34.3m	-0.48m	-1.85k	-9.27k	-10.1	-9.66	14.9	95.2m	-1.28m	61.7μ	108	3.52	6.59
1	6.50 18	15.5k 4	-	-	8.33m	-34.3m	-0.48m	-1.85k	-9.27k	-10.1	-9.66	14.9	95.2m	-1.28m	61.7μ	108	3.52	6.59
1	6.50 18	15.5k 7	-	-	7.58m	-35.1m	-0.94m	-1.84k	-9.21k	-1.91	4.88	28.1	98.9m	-1.20m	0.52m	131	11.4	27.2
1	87.6 18	15.7k 8	-	-	6.92m	-35.9m	-1.34m	-1.82k	-9.16k	4.03	9.61	39.8	0.102	-1.14m	1.04m	152	18.3	45.2
1	167 19	15.9k 1	51	1	98.4m	-14.0m	0.59m	125	-166	118	90.8	-79.8	0.132	-1.50m	3.48m	259	28.7	179
1	151 19	2.16k 2	51	1	75.7m	-10.8m	0.45m	96.1	-128	90.9	69.9	-61.4	0.101	-1.15m	2.68m	199	22.1	137
1	116 19	1.67k 3	51	1	75.7m	-10.8m	0.45m	96.1	-128	90.9	69.9	-61.4	0.101	-1.15m	2.68m	199	22.1	137
1	116 19	1.67k 4	51	1	75.7m	-10.8m	0.45m	96.1	-128	90.9	69.9	-61.4	0.101	-1.15m	2.68m	199	22.1	137
1	116 19	1.67k 7	51	1	72.9m	-11.1m	0.40m	117	-110	108	110	-36.4	0.105	-1.07m	2.94m	239	29.8	157
1	177 19	1.78k 8	51	1	70.6m	-11.4m	0.35m	136	-94.8	124	145	-14.1	0.108	-1.00m	3.16m	275	36.7	174
1	252 19	1.88k 1	46	1	94.5m	-13.8m	-0.11m	51.9	-210	9.04	7.02	10.6	0.124	-1.65m	0.24m	151	6.93	48.7
1	54.3 19	2.23k 2	46	1	72.7m	-10.6m	-83.8μ	39.9	-161	6.95	5.40	8.16	95.4m	-1.27m	0.19m	116	5.33	37.4
1	41.7 19	1.71k 3	46	1	72.7m	-10.6m	-83.8μ	39.9	-161	6.95	5.40	8.16	95.4m	-1.27m	0.19m	116	5.33	37.4
1	41.7 19	1.71k 4	46	1	72.7m	-10.6m	-83.8μ	39.9	-161	6.95	5.40	8.16	95.4m	-1.27m	0.19m	116	5.33	37.4
1	41.7 19	1.71k 7	46	1	69.9m	-10.9m	-0.31m	54.4	-149	14.4	35.0	32.7	99.1m	-1.19m	0.35m	160	14.7	59.7
1	99.3 19	1.82k 8	46	1	67.5m	-11.2m	-0.53m	67.4	-139	21.0	60.6	48.8	0.102	-1.12m	0.57m	199	23.0	79.1
1	173 19	1.91k 1	46	0	11.0m	-44.7m	-1.37m	-2.40k	-12.1k	3.20	8.78	11.7k	43.3m	-33.4m	2.32m	-892	-4.62k	20.4
1	37.7 19	20.1k 2	46	0	8.45m	-34.4m	-1.05m	-1.85k	-9.27k	2.46	6.75	9.02k	33.3m	-25.7m	1.78m	-686	-3.55k	15.7
1	29.0 19	15.5k 3	46	0	8.45m	-34.4m	-1.05m	-1.85k	-9.27k	2.46	6.75	9.02k	33.3m	-25.7m	1.78m	-686	-3.55k	15.7
1	29.0 19	15.5k 4	46	0	8.45m	-34.4m	-1.05m	-1.85k	-9.27k	2.46	6.75	9.02k	33.3m	-25.7m	1.78m	-686	-3.55k	15.7
1	29.0 19	15.5k 7	46	0	7.68m	-35.3m	-1.68m	-1.83k	-9.21k	5.59	14.3	9.08k	34.8m	-25.0m	2.37m	-658	-3.43k	28.7
1	53.6 19	15.7k 8	46	0	7.00m	-36.0m	-2.23m	-1.82k	-9.15k	8.10	20.3	9.13k	36.1m	-24.5m	2.88m	-633	-3.32k	43.3
1	79.8 19	15.9k 1	51	0	11.6m	-46.4m	5.93m	-2.38k	-12.0k	37.4	78.4	11.7k	45.9m	-34.4m	9.78m	-838	-4.50k	113
1	157 19	20.1k 2	51	0	8.91m	-35.7m	4.56m	-1.83k	-9.22k	28.8	60.3	8.99k	35.3m	-26.4m	7.52m	-645	-3.46k	86.9
1	121 19	15.5k 3	51	0	8.91m	-35.7m	4.56m	-1.83k	-9.22k	28.8	60.3	8.99k	35.3m	-26.4m	7.52m	-645	-3.46k	86.9
1	121 19	15.5k 4	51	0	8.91m	-35.7m	4.56m	-1.83k	-9.22k	28.8	60.3	8.99k	35.3m	-26.4m	7.52m	-645	-3.46k	86.9
1	145 19	15.7k 7	51	0	8.16m	-36.6m	4.00m	-1.81k	-9.12k	34.4	78.0	9.10k	36.7m	-25.7m	8.13m	-616	-3.33k	101
1	145 19	15.7k 8	51	0	7.49m	-37.4m	3.51m	-1.80k	-9.03k	39.3	89.2	9.20k	37.9m	-25.1m	8.66m	-592	-3.21k	113
1	165 19	15.9k 1	-	-	11.7m	-45.5m	-29.2μ	-2.39k	-12.0k	6.90	8.08	-23.0	0.126	-1.76m	5.89m	186	14.3	164
1	147 19	20.1k 2	-	-	9.03m	-35.0m	-22.5μ	-1.84k	-9.25k	5.31	6.21	-17.7	97.0m	-1.35m	4.53m	143	11.0	126
1	113 19	15.5k 3	-	-	9.03m	-35.0m	-22.5μ	-1.84k	-9.25k	5.31	6.21	-17.7	97.0m	-1.35m	4.53m	143	11.0	126
1	113 19	15.5k 4	-	-	9.03m	-35.0m	-22.5μ	-1.84k	-9.25k	5.31	6.21	-17.7	97.0m	-1.35m	4.53m	143	11.0	126
1	113 19	15.5k 7	-	-	8.26m	-35.9m	-0.40m	-1.82k	-9.16k	12.1	22.2	11.3	0.101	-1.28m	5.04m	170	19.6	144
1	163 19	15.7k 8	-	-	7.59m	-36.7m	-0.80m	-1.81k	-9.08k	18.2	36.4	37.1	0.104	-1.21m	5.49m	204	27.2	160
1	233 20	15.9k 1	56	1	0.109	-14.7m	0.68m	428	-0.221	419	295	-439	0.147	-1.35m	4.63m	689	117	570
1	417 20	1.89k 2	56	1	83.5m	-11.3m	0.53m	329	-0.170	322	227	-338	0.113	-1.04m	3.56m	530	89.7	438
1	321 20	1.46k 3	56	1	83.5m	-11.3m	0.53m	329	-0.170	322	227	-338	0.113	-1.04m	3.56m	530	89.7	438
1	321 20	1.46k 4	56	1	83.5m	-11.3m	0.53m	329	-0.170	322	227	-338	0.113	-1.04m	3.56m	530	89.7	438
1	321 20	1.46k 7	56	1	81.2m	-11.6m	0.47m	349	-0.151	338	264	-303	0.116	-0.97m	3.83m	573	98.8	456
1	353 20	1.58k 8	56	1	79.1m	-11.9m	0.42m	367	-0.133	352	298	-272	0.119	-0.92m	4.07m	611	107	472
1	383 20	1.68k 1	51	1	99.5m	-14.0m	0.43m	145	-154	172	148	-143	0.135	-1.49m	3.18m	335	44.8	257
1	234 20	2.15k 2	51	1	76.5m	-10.8m	0.33m	112	-119	132	114	-110	0.104	-1.14m	2.45m	258	34.4	198

1	180	1.65k	51	1	76.5m	-10.8m	0.33m	112	-119	132	114	-110	0.104	-1.14m	2.45m	258	34.4	198
1	20	1.65k	51	1	76.5m	-10.8m	0.33m	112	-119	132	114	-110	0.104	-1.14m	2.45m	258	34.4	198
1	180	1.65k	51	1	73.8m	-11.1m	0.28m	133	-101	150	145	-84.2	0.107	-1.07m	2.70m	300	41.3	217
1	20	1.77k	51	1	71.5m	-11.4m	0.23m	152	-85.2	166	168	-61.1	0.110	-1.00m	2.93m	337	47.4	233
1	272	1.87k	51	0	13.0m	-47.1m	5.39m	-2.36k	-11.9k	59.6	143	11.7k	46.5m	-34.5m	8.11m	-823	-4.47k	132
1	177	20.1k	51	0	10.0m	-36.3m	4.15m	-1.82k	-9.17k	45.9	110	8.98k	35.8m	-26.5m	6.24m	-633	-3.44k	102
1	20	15.5k	51	0	10.0m	-36.3m	4.15m	-1.82k	-9.17k	45.9	110	8.98k	35.8m	-26.5m	6.24m	-633	-3.44k	102
1	136	15.5k	51	0	10.0m	-36.3m	4.15m	-1.82k	-9.17k	45.9	110	8.98k	35.8m	-26.5m	6.24m	-633	-3.44k	102
1	20	15.5k	51	0	9.33m	-37.2m	3.54m	-1.79k	-9.05k	52.5	123	9.10k	37.2m	-25.8m	6.83m	-605	-3.31k	116
1	151	15.7k	51	0	8.72m	-38.0m	3.00m	-1.78k	-8.95k	58.2	134	9.20k	38.4m	-25.2m	7.34m	-580	-3.19k	128
1	20	15.9k	56	0	14.7m	-51.3m	7.82m	-2.28k	-11.6k	150	287	11.5k	51.2m	-37.2m	11.7m	-637	-4.04k	375
1	409	20.1k	56	0	11.3m	-39.4m	6.01m	-1.76k	-8.93k	115	221	8.88k	39.4m	-28.7m	9.01m	-490	-3.11k	288
1	20	15.5k	56	0	11.3m	-39.4m	6.01m	-1.76k	-8.93k	115	221	8.88k	39.4m	-28.7m	9.01m	-490	-3.11k	288
1	315	15.5k	56	0	11.3m	-39.4m	6.01m	-1.76k	-8.93k	115	221	8.88k	39.4m	-28.7m	9.01m	-490	-3.11k	288
1	20	15.5k	56	0	10.6m	-40.4m	5.47m	-1.73k	-8.80k	121	231	9.03k	40.6m	-27.9m	9.66m	-462	-2.97k	302
1	331	15.7k	56	0	10.1m	-41.3m	5.00m	-1.71k	-8.68k	127	241	9.17k	41.6m	-27.3m	10.2m	-437	-2.85k	314
1	346	16.0k	-	-	14.8m	-49.3m	0.65m	-2.32k	-11.8k	99.8	144	-267	0.139	-1.63m	9.13m	470	73.1	527
1	20	20.1k	-	-	11.4m	-37.9m	0.50m	-1.79k	-9.06k	76.7	111	-205	0.107	-1.25m	7.02m	361	56.2	405
1	318	15.5k	-	-	11.4m	-37.9m	0.50m	-1.79k	-9.06k	76.7	111	-205	0.107	-1.25m	7.02m	361	56.2	405
1	20	15.5k	-	-	11.4m	-37.9m	0.50m	-1.79k	-9.06k	76.7	111	-205	0.107	-1.25m	7.02m	361	56.2	405
1	318	15.5k	-	-	10.7m	-38.9m	0.45m	-1.76k	-8.93k	83.4	128	-174	0.110	-1.18m	7.62m	384	62.5	423
1	342	15.7k	-	-	10.1m	-39.7m	0.40m	-1.74k	-8.83k	89.3	143	-146	0.113	-1.12m	8.14m	403	68.1	438
1	20	15.9k	61	1	0.112	-14.7m	0.80m	587	-52.2m	652	461	-541	0.150	-1.34m	3.58m	814	142	686
1	484	1.75k	61	1	86.0m	-11.3m	0.61m	451	-40.1m	502	355	-416	0.115	-1.03m	2.75m	626	109	528
1	372	1.34k	61	1	86.0m	-11.3m	0.61m	451	-40.1m	502	355	-416	0.115	-1.03m	2.75m	626	109	528
1	21	1.34k	61	1	86.0m	-11.3m	0.61m	451	-40.1m	502	355	-416	0.115	-1.03m	2.75m	626	109	528
1	372	1.34k	61	1	83.8m	-11.6m	0.56m	468	-28.4m	517	400	-385	0.118	-0.97m	3.02m	661	116	545
1	437	1.46k	61	1	81.8m	-11.9m	0.51m	483	-17.8m	530	438	-357	0.121	-0.92m	3.25m	692	136	560
1	21	1.56k	56	1	0.110	-14.7m	0.75m	486	-0.146	551	391	-460	0.148	-1.32m	4.28m	720	123	598
1	433	1.84k	56	1	84.6m	-11.3m	0.57m	374	-0.113	424	301	-354	0.114	-1.02m	3.29m	554	94.3	460
1	21	1.42k	56	1	84.6m	-11.3m	0.57m	374	-0.113	424	301	-354	0.114	-1.02m	3.29m	554	94.3	460
1	333	1.42k	56	1	84.6m	-11.3m	0.57m	374	-0.113	424	301	-354	0.114	-1.02m	3.29m	554	94.3	460
1	21	1.42k	56	1	82.2m	-11.6m	0.52m	393	-0.101	438	326	-320	0.117	-0.95m	3.56m	595	103	478
1	370	1.53k	56	1	80.2m	-11.8m	0.47m	410	-89.8m	450	349	-290	0.119	-0.90m	3.79m	633	111	493
1	404	1.64k	56	0	16.2m	-51.4m	6.86m	-2.22k	-11.4k	211	403	11.5k	51.2m	-37.6m	9.13m	-637	-4.04k	375
1	438	20.1k	56	0	12.5m	-39.5m	5.28m	-1.71k	-8.77k	163	310	8.88k	39.4m	-28.9m	7.02m	-490	-3.11k	288
1	337	15.4k	56	0	12.5m	-39.5m	5.28m	-1.71k	-8.77k	163	310	8.88k	39.4m	-28.9m	7.02m	-490	-3.11k	288
1	21	1.54k	56	0	12.5m	-39.5m	5.28m	-1.71k	-8.77k	163	310	8.88k	39.4m	-28.9m	7.02m	-490	-3.11k	288
1	337	15.4k	56	0	11.9m	-40.5m	4.63m	-1.68k	-8.63k	168	322	9.03k	40.6m	-28.2m	7.67m	-462	-2.97k	302
1	359	15.7k	56	0	11.4m	-41.3m	4.07m	-1.66k	-8.51k	173	331	9.17k	41.6m	-27.6m	8.23m	-437	-2.85k	314
1	378	15.9k	61	0	17.0m	-52.1m	6.85m	-2.19k	-11.3k	239	422	11.5k	52.1m	-38.1m	10.6m	-575	-3.90k	455
1	21	20.0k	61	0	13.1m	-40.1m	5.27m	-1.68k	-8.67k	184	324	8.83k	40.1m	-29.3m	8.13m	-442	-3.00k	350
1	372	15.4k	61	0	13.1m	-40.1m	5.27m	-1.68k	-8.67k	184	324	8.83k	40.1m	-29.3m	8.13m	-442	-3.00k	350
1	21	15.4k	61	0	13.1m	-40.1m	5.27m	-1.68k	-8.67k	184	324	8.83k	40.1m	-29.3m	8.13m	-442	-3.00k	350
1	372	15.4k	61	0	12.5m	-41.1m	4.73m	-1.66k	-8.54k	190	344	8.98k	41.2m	-28.6m	8.79m	-416	-2.86k	364
1	393	15.7k	61	0	12.1m	-41.9m	4.25m	-1.63k	-8.42k	195	362	9.11k	42.2m	-28.0m	9.37m	-392	-2.74k	376
1	412	15.9k	-	-	16.7m	-51.5m	0.77m	-2.20k	-11.3k	228	411	-488	0.149	-1.34m	8.77m	749	129	637
1	21	20.0k	-	-	12.8m	-39.7m	0.59m	-1.69k	-8.71k	176	316	-375	0.114	-1.03m	6.75m	577	99.0	490

1	374	15.4k	-	-	12.8m	-39.7m	0.59m	-1.69k	-8.71k	176	316	-375	0.114	-1.03m	6.75m	577	99.0	490
1	374	15.4k	-	-	12.8m	-39.7m	0.59m	-1.69k	-8.71k	176	316	-375	0.114	-1.03m	6.75m	577	99.0	490
1	374	15.4k	-	-	12.2m	-40.6m	0.54m	-1.66k	-8.57k	181	328	-342	0.117	-0.97m	7.40m	617	107	507
1	426	15.7k	-	-	11.8m	-41.5m	0.49m	-1.64k	-8.45k	186	338	-312	0.120	-0.91m	7.98m	652	125	521
1	473	15.9k	66	1	0.113	-14.9m	0.48m	703	-0.256	781	524	-658	0.153	-1.24m	2.72m	958	178	824
1	583	1.63k	66	1	87.3m	-11.5m	0.37m	540	-0.197	601	403	-506	0.117	-0.95m	2.09m	737	137	634
1	448	1.26k	66	1	87.3m	-11.5m	0.37m	540	-0.197	601	403	-506	0.117	-0.95m	2.09m	737	137	634
1	448	1.26k	66	1	87.3m	-11.5m	0.37m	540	-0.197	601	403	-506	0.117	-0.95m	2.09m	737	137	634
1	448	1.26k	66	1	85.1m	-11.8m	0.32m	556	-0.187	617	454	-482	0.120	-0.89m	2.35m	763	162	650
1	539	1.37k	66	1	83.2m	-12.0m	0.27m	569	-0.177	631	500	-460	0.123	-0.84m	2.58m	785	184	665
1	621	1.47k	61	1	0.112	-14.7m	0.80m	587	-68.0m	664	478	-569	0.150	-1.32m	3.58m	849	148	718
1	498	1.75k	61	1	86.0m	-11.3m	0.61m	451	-52.3m	511	368	-438	0.116	-1.02m	2.75m	653	114	552
1	383	1.34k	61	1	86.0m	-11.3m	0.61m	451	-52.3m	511	368	-438	0.116	-1.02m	2.75m	653	114	552
1	383	1.34k	61	1	86.0m	-11.3m	0.61m	451	-52.3m	511	368	-438	0.116	-1.02m	2.75m	653	114	552
1	383	1.34k	61	1	83.8m	-11.6m	0.56m	468	-41.5m	526	415	-407	0.119	-0.96m	3.02m	684	121	569
1	460	1.46k	61	1	81.8m	-11.9m	0.51m	483	-31.8m	540	453	-380	0.121	-0.90m	3.25m	712	136	584
1	530	1.56k	61	0	17.6m	-52.3m	6.25m	-2.17k	-11.2k	257	463	11.5k	52.1m	-38.1m	8.22m	-575	-3.90k	455
1	500	20.0k	61	0	13.5m	-40.3m	4.81m	-1.67k	-8.64k	198	357	8.83k	40.1m	-29.3m	6.32m	-442	-3.00k	350
1	385	15.4k	61	0	13.5m	-40.3m	4.81m	-1.67k	-8.64k	198	357	8.83k	40.1m	-29.3m	6.32m	-442	-3.00k	350
1	385	15.4k	61	0	13.5m	-40.3m	4.81m	-1.67k	-8.64k	198	357	8.83k	40.1m	-29.3m	6.32m	-442	-3.00k	350
1	385	15.4k	61	0	13.0m	-41.2m	4.16m	-1.65k	-8.51k	204	373	8.98k	41.2m	-28.6m	6.98m	-416	-2.86k	364
1	400	15.7k	61	0	12.5m	-42.1m	3.58m	-1.63k	-8.39k	209	387	9.11k	42.2m	-28.0m	7.56m	-392	-2.74k	376
1	416	15.9k	66	0	17.9m	-53.2m	5.60m	-2.14k	-11.1k	291	544	11.4k	53.1m	-38.8m	9.66m	-503	-3.73k	552
1	572	20.0k	66	0	13.8m	-40.9m	4.30m	-1.64k	-8.52k	224	418	8.77k	40.8m	-29.9m	7.43m	-387	-2.87k	424
1	440	15.4k	66	0	13.8m	-40.9m	4.30m	-1.64k	-8.52k	224	418	8.77k	40.8m	-29.9m	7.43m	-387	-2.87k	424
1	440	15.4k	66	0	13.8m	-40.9m	4.30m	-1.64k	-8.52k	224	418	8.77k	40.8m	-29.9m	7.43m	-387	-2.87k	424
1	440	15.4k	66	0	13.3m	-41.9m	3.77m	-1.62k	-8.39k	230	432	8.90k	41.9m	-29.1m	8.08m	-363	-2.73k	439
1	466	15.7k	66	0	12.9m	-42.8m	3.30m	-1.60k	-8.28k	236	443	9.02k	42.9m	-28.5m	8.66m	-341	-2.62k	452
1	490	15.9k	-	-	17.8m	-52.6m	0.82m	-2.15k	-11.1k	277	485	-597	0.151	-1.29m	7.95m	884	161	767
1	567	20.0k	-	-	13.7m	-40.5m	0.63m	-1.65k	-8.57k	213	373	-460	0.116	-1.00m	6.12m	680	124	590
1	436	15.4k	-	-	13.7m	-40.5m	0.63m	-1.65k	-8.57k	213	373	-460	0.116	-1.00m	6.12m	680	124	590
1	436	15.4k	-	-	13.7m	-40.5m	0.63m	-1.65k	-8.57k	213	373	-460	0.116	-1.00m	6.12m	680	124	590
1	436	15.4k	-	-	13.2m	-41.5m	0.57m	-1.63k	-8.43k	220	395	-430	0.119	-0.94m	6.77m	708	149	606
1	501	15.7k	-	-	12.7m	-42.3m	0.53m	-1.61k	-8.32k	225	414	-404	0.122	-0.88m	7.35m	732	171	621
1	564	15.9k	71	1	0.114	-17.3m	-3.72m	1.50k	-0.779	1.60k	441	-1.40k	0.158	-1.10m	0.33m	1.99k	661	2.01k
1	705	643	71	1	87.9m	-13.3m	-2.86m	1.16k	-0.599	1.23k	339	-1.08k	0.121	-0.85m	0.25m	1.53k	508	1.55k
1	542	495	71	1	87.9m	-13.3m	-2.86m	1.16k	-0.599	1.23k	339	-1.08k	0.121	-0.85m	0.25m	1.53k	508	1.55k
1	542	495	71	1	87.9m	-13.3m	-2.86m	1.16k	-0.599	1.23k	339	-1.08k	0.121	-0.85m	0.25m	1.53k	508	1.55k
1	542	495	71	1	86.2m	-13.6m	-3.07m	1.18k	-0.569	1.25k	386	-1.06k	0.124	-0.80m	0.36m	1.57k	524	1.58k
1	626	591	71	1	84.7m	-13.8m	-3.25m	1.19k	-0.543	1.27k	427	-1.04k	0.126	-0.76m	0.45m	1.60k	539	1.60k
1	702	674	66	1	0.113	-15.1m	0.19m	703	-0.816	799	538	-862	0.155	-1.24m	2.72m	1.22k	235	1.09k
1	727	1.63k	66	1	87.3m	-11.6m	0.15m	540	-0.627	614	414	-663	0.119	-0.95m	2.09m	939	181	838
1	560	1.26k	66	1	87.3m	-11.6m	0.15m	540	-0.627	614	414	-663	0.119	-0.95m	2.09m	939	181	838
1	560	1.26k	66	1	87.3m	-11.6m	0.15m	540	-0.627	614	414	-663	0.119	-0.95m	2.09m	939	181	838
1	560	1.26k	66	1	85.1m	-11.9m	99.8μ	556	-0.604	631	463	-646	0.122	-0.89m	2.35m	980	198	856
1	636	1.37k	66	1	83.2m	-12.2m	57.9μ	569	-0.582	645	507	-631	0.124	-0.84m	2.58m	1.02k	218	871
1	710	1.47k	66	0	18.6m	-55.5m	4.03m	-2.12k	-11.0k	314	569	11.3k	53.6m	-38.8m	7.10m	-450	-3.60k	625
1	761	20.0k	66	0	14.3m	-42.7m	3.10m	-1.63k	-8.48k	242	438	8.72k	41.3m	-29.9m	5.46m	-346	-2.77k	481

1	586	15.4k	3	66	0	14.3m	-42.7m	3.10m	-1.63k	-8.48k	242	438	8.72k	41.3m	-29.9m	5.46m	-346	-2.77k	481	
1	586	15.4k	4	66	0	14.3m	-42.7m	3.10m	-1.63k	-8.48k	242	438	8.72k	41.3m	-29.9m	5.46m	-346	-2.77k	481	
1	586	15.4k	7	66	0	13.8m	-43.7m	2.54m	-1.60k	-8.35k	248	452	8.85k	42.3m	-29.1m	6.10m	-323	-2.64k	495	
1	602	15.6k	8	66	0	13.4m	-44.5m	2.05m	-1.58k	-8.24k	254	464	8.96k	43.2m	-28.5m	6.66m	-302	-2.52k	508	
1	616	15.9k	1	71	0	19.4m	-62.7m	-4.73m	-1.76k	-9.55k	638	1.19k	9.81k	55.7m	-44.9m	61.4μ	181	-1.97k	1.53k	
1	1.73k	19.5k	2	71	0	14.9m	-48.2m	-3.64m	-1.36k	-7.35k	491	917	7.55k	42.9m	-34.5m	47.2μ	139	-1.52k	1.18k	
1	1.33k	15.0k	3	71	0	14.9m	-48.2m	-3.64m	-1.36k	-7.35k	491	917	7.55k	42.9m	-34.5m	47.2μ	139	-1.52k	1.18k	
1	1.33k	15.0k	4	71	0	14.9m	-48.2m	-3.64m	-1.36k	-7.35k	491	917	7.55k	42.9m	-34.5m	47.2μ	139	-1.52k	1.18k	
1	1.33k	15.0k	7	71	0	14.5m	-49.3m	-4.05m	-1.34k	-7.24k	495	941	7.67k	43.8m	-33.8m	0.54m	157	-1.41k	1.19k	
1	1.37k	15.2k	8	71	0	14.1m	-50.1m	-4.41m	-1.32k	-7.14k	499	962	7.77k	44.5m	-33.1m	0.96m	172	-1.32k	1.21k	
1	1.40k	15.4k	1	-	-	19.9m	-58.9m	-4.89m	-1.96k	-10.4k	459	561	-1.17k	0.156	-1.43m	4.93m	1.59k	576	1.96k	
1	1.17k	19.9k	2	-	-	15.3m	-45.3m	-3.76m	-1.51k	-7.99k	353	432	-898	0.120	-1.10m	3.80m	1.22k	443	1.51k	
1	899	15.3k	3	-	-	15.3m	-45.3m	-3.76m	-1.51k	-7.99k	353	432	-898	0.120	-1.10m	3.80m	1.22k	443	1.51k	
1	899	15.3k	4	-	-	15.3m	-45.3m	-3.76m	-1.51k	-7.99k	353	432	-898	0.120	-1.10m	3.80m	1.22k	443	1.51k	
1	899	15.3k	7	-	-	14.8m	-46.3m	-4.09m	-1.49k	-7.87k	358	461	-882	0.123	-1.05m	4.28m	1.26k	459	1.53k	
1	927	15.5k	8	-	-	14.4m	-47.2m	-4.41m	-1.47k	-7.77k	362	482	-869	0.125	-1.00m	4.70m	1.30k	473	1.56k	
1	951	15.7k	1	76	1	87.9m	-17.5m	-19.8m	-1.18k	-189	2.49k	-7.13k	-1.32k	0.122	-2.30m	-3.71m	1.03k	168	2.77k	-
3.04k	558		2	76	1	67.6m	-13.4m	-15.3m	-909	-146	1.92k	-5.49k	-1.01k	93.8m	-1.77m	-2.85m	791	129	2.13k	-
2.34k	429		3	76	1	67.6m	-13.4m	-15.3m	-909	-146	1.92k	-5.49k	-1.01k	93.8m	-1.77m	-2.85m	791	129	2.13k	-
2.34k	429		4	76	1	67.6m	-13.4m	-15.3m	-909	-146	1.92k	-5.49k	-1.01k	93.8m	-1.77m	-2.85m	791	129	2.13k	-
2.34k	429		7	76	1	66.4m	-13.7m	-15.6m	-879	-141	1.94k	-5.42k	-982	95.7m	-1.72m	-2.79m	819	135	2.18k	-
2.25k	453		8	76	1	65.3m	-14.0m	-15.8m	-852	-138	1.97k	-5.37k	-954	97.4m	-1.67m	-2.75m	843	140	2.21k	-
2.18k	475		1	71	1	0.113	-17.9m	-6.23m	1.60k	-0.570	1.99k	-291	-1.43k	0.157	-1.13m	-0.80m	2.07k	696	2.40k	
1	584	454	2	71	1	86.7m	-13.8m	-4.79m	1.23k	-0.439	1.53k	-224	-1.10k	0.121	-0.87m	-0.62m	1.59k	535	1.85k	
1	449	349	3	71	1	86.7m	-13.8m	-4.79m	1.23k	-0.439	1.53k	-224	-1.10k	0.121	-0.87m	-0.62m	1.59k	535	1.85k	
1	449	349	4	71	1	86.7m	-13.8m	-4.79m	1.23k	-0.439	1.53k	-224	-1.10k	0.121	-0.87m	-0.62m	1.59k	535	1.85k	
1	449	349	7	71	1	85.0m	-14.1m	-5.01m	1.26k	-0.424	1.56k	-197	-1.08k	0.123	-0.82m	-0.58m	1.64k	553	1.88k	
1	517	441	8	71	1	83.5m	-14.3m	-5.19m	1.28k	-0.412	1.58k	-173	-1.06k	0.125	-0.78m	-0.54m	1.69k	568	1.91k	
1	577	520	1	71	0	19.0m	-67.1m	-8.79m	-1.52k	-8.53k	852	1.27k	9.36k	56.5m	-46.1m	-4.27m	286	-1.67k	1.71k	
1	2.37k	18.7k	2	71	0	14.6m	-51.6m	-6.76m	-1.17k	-6.56k	656	976	7.20k	43.4m	-35.5m	-3.29m	220	-1.29k	1.31k	
1	1.82k	14.4k	3	71	0	14.6m	-51.6m	-6.76m	-1.17k	-6.56k	656	976	7.20k	43.4m	-35.5m	-3.29m	220	-1.29k	1.31k	
1	1.82k	14.4k	4	71	0	14.6m	-51.6m	-6.76m	-1.17k	-6.56k	656	976	7.20k	43.4m	-35.5m	-3.29m	220	-1.29k	1.31k	
1	1.82k	14.4k	7	71	0	14.2m	-52.6m	-7.24m	-1.14k	-6.46k	661	1.00k	7.32k	44.3m	-34.7m	-2.78m	237	-1.18k	1.33k	
1	1.87k	14.6k	8	71	0	13.8m	-53.5m	-7.65m	-1.13k	-6.36k	665	1.02k	7.43k	45.1m	-34.1m	-2.35m	252	-1.09k	1.35k	
1	1.91k	14.8k	1	76	0	27.0m	-70.1m	-26.2m	-505	-3.71k	1.49k	-1.68k	316	71.3m	-42.1m	-13.2m	601	499	2.76k	
1	4.12k	12.2k	2	76	0	20.8m	-53.9m	-20.1m	-388	-2.85k	1.15k	-1.29k	243	54.8m	-32.4m	-10.1m	462	384	2.13k	
1	3.17k	9.39k	3	76	0	20.8m	-53.9m	-20.1m	-388	-2.85k	1.15k	-1.29k	243	54.8m	-32.4m	-10.1m	462	384	2.13k	
1	3.17k	9.39k	4	76	0	20.8m	-53.9m	-20.1m	-388	-2.85k	1.15k	-1.29k	243	54.8m	-32.4m	-10.1m	462	384	2.13k	
1	3.17k	9.39k	7	76	0	20.3m	-54.9m	-20.7m	-372	-2.77k	1.16k	-1.27k	322	55.4m	-31.7m	-9.60m	472	429	2.16k	
1	3.23k	9.54k	8	76	0	19.9m	-55.8m	-21.2m	-358	-2.70k	1.16k	-1.24k	391	55.9m	-31.1m	-9.13m	482	468	2.18k	
1	3.28k	9.67k	1	-	-	22.2m	-70.0m	-26.1m	-1.06k	-6.41k	1.17k	-5.61k	-1.74k	0.142	-2.02m	-2.41m	1.93k	732	2.87k	
1	3.50k	16.5k	2	-	-	17.1m	-53.8m	-20.1m	-814	-4.93k	898	-4.32k	-1.34k	0.109	-1.56m	-1.85m	1.48k	563	2.21k	
1	2.69k	12.7k	3	-	-	17.1m	-53.8m	-20.1m	-814	-4.93k	898	-4.32k	-1.34k	0.109	-1.56m	-1.85m	1.48k	563	2.21k	
1	2.69k	12.7k	4	-	-	17.1m	-53.8m	-20.1m	-814	-4.93k	898	-4.32k	-1.34k	0.109	-1.56m	-1.85m	1.48k	563	2.21k	
1	2.69k	12.7k	7	-	-	16.6m	-54.8m	-20.6m	-796	-4.83k	904	-4.28k	-1.30k	0.111	-1.51m	-1.80m	1.53k	602	2.25k	
1	2.75k	12.9k	8	-	-	16.2m	-55.7m	-21.1m	-780	-4.75k	910	-4.24k	-1.26k	0.113	-1.46m	-1.76m	1.57k	637	2.28k	
1	2.80k	13.0k	1	5	1	40.9m	-5.51m	0.47m	9.33k	7.67	444	-19.5k	-11.2k	80.2m	3.50m	18.2m	12.6k	2.52k	771	-
16.0k	2.52k		2	5	1	31.4m	-4.24m	0.36m	7.18k	5.90	342	-15.0k	-8.59k	61.7m	2.69m	14.0m	9.71k	1.94k	593	

1	3.30k 26	2.94k 3	10	0	25.8m	-50.5m	13.0m	-216	-1.15k	1.29k	-5.10k	-5.69k	55.9m	-15.9m	22.0m	535	1.19k	2.02k
1	3.30k 26	2.94k 4	10	0	25.8m	-50.5m	13.0m	-216	-1.15k	1.29k	-5.10k	-5.69k	55.9m	-15.9m	22.0m	535	1.19k	2.02k
1	3.30k 26	2.94k 7	10	0	25.3m	-51.5m	12.3m	-205	-1.10k	1.30k	-5.07k	-5.58k	56.4m	-15.3m	22.8m	548	1.28k	2.04k
1	3.37k 26	3.02k 8	10	0	24.9m	-52.3m	11.7m	-197	-1.05k	1.31k	-5.04k	-5.48k	56.9m	-14.7m	23.4m	559	1.36k	2.07k
1	3.42k 26	3.08k 1	-	-	24.6m	-70.8m	3.32m	-1.70k	-727	1.38k	-10.4k	-14.1k	0.128	-2.40m	26.8m	2.61k	4.80k	2.87k
1	4.08k 26	3.32k 2	-	-	18.9m	-54.4m	2.56m	-1.31k	-559	1.06k	-8.02k	-10.8k	98.7m	-1.85m	20.6m	2.01k	3.69k	2.21k
1	3.14k 26	2.55k 3	-	-	18.9m	-54.4m	2.56m	-1.31k	-559	1.06k	-8.02k	-10.8k	98.7m	-1.85m	20.6m	2.01k	3.69k	2.21k
1	3.14k 26	2.55k 4	-	-	18.9m	-54.4m	2.56m	-1.31k	-559	1.06k	-8.02k	-10.8k	98.7m	-1.85m	20.6m	2.01k	3.69k	2.21k
1	3.14k 26	2.55k 7	-	-	18.5m	-55.5m	2.49m	-1.28k	-538	1.07k	-7.96k	-10.7k	0.101	-1.80m	21.2m	2.05k	3.83k	2.25k
1	3.20k 26	2.61k 8	-	-	18.1m	-56.3m	2.44m	-1.26k	-521	1.07k	-7.90k	-10.6k	0.102	-1.75m	21.8m	2.08k	3.95k	2.28k
1	3.26k 27	2.65k 1	15	1	0.111	-18.2m	0.30m	-2.08k	-714	1.90k	-23.6	-277	0.156	-1.23m	6.88m	-1.67k	0.789	2.32k
1	569 27	1.43k 2	15	1	85.7m	-14.0m	0.23m	-1.60k	-549	1.46k	-18.1	-213	0.120	-0.95m	5.29m	-1.29k	0.607	1.78k
1	438 27	1.10k 3	15	1	85.7m	-14.0m	0.23m	-1.60k	-549	1.46k	-18.1	-213	0.120	-0.95m	5.29m	-1.29k	0.607	1.78k
1	438 27	1.10k 4	15	1	85.7m	-14.0m	0.23m	-1.60k	-549	1.46k	-18.1	-213	0.120	-0.95m	5.29m	-1.29k	0.607	1.78k
1	438 27	1.10k 7	15	1	84.1m	-14.3m	0.18m	-1.56k	-534	1.48k	13.0	-161	0.122	-0.90m	5.53m	-1.26k	0.645	1.81k
1	503 27	1.13k 8	15	1	82.7m	-14.6m	0.14m	-1.52k	-522	1.50k	40.9	-116	0.124	-0.86m	5.74m	-1.23k	0.679	1.84k
1	562 27	1.15k 1	20	1	0.115	-15.5m	-1.95m	-1.45k	-329	990	616	-1.46k	0.156	-1.20m	61.0μ	-867	0.908	1.33k
1	797 27	1.04k 2	20	1	88.4m	-11.9m	-1.50m	-1.12k	-253	761	474	-1.13k	0.120	-0.92m	47.0μ	-667	0.699	1.02k
1	613 27	797 3	20	1	88.4m	-11.9m	-1.50m	-1.12k	-253	761	474	-1.13k	0.120	-0.92m	47.0μ	-667	0.699	1.02k
1	613 27	797 4	20	1	88.4m	-11.9m	-1.50m	-1.12k	-253	761	474	-1.13k	0.120	-0.92m	47.0μ	-667	0.699	1.02k
1	613 27	797 7	20	1	86.4m	-12.2m	-1.78m	-1.08k	-239	778	509	-1.05k	0.123	-0.87m	0.17m	-647	0.723	1.04k
1	645 27	816 8	20	1	84.6m	-12.4m	-2.03m	-1.05k	-226	792	541	-987	0.125	-0.82m	0.27m	-630	0.745	1.06k
1	673 27	833 1	20	0	19.1m	-57.4m	-5.29m	336	3.32k	394	695	-19.9k	54.3m	-39.9m	-1.84m	2.04k	10.7k	784
1	955 27	-11.2k 2	20	0	14.7m	-44.2m	-4.07m	258	2.56k	303	534	-15.3k	41.8m	-30.7m	-1.41m	1.57k	8.24k	603
1	734 27	-8.59k 3	20	0	14.7m	-44.2m	-4.07m	258	2.56k	303	534	-15.3k	41.8m	-30.7m	-1.41m	1.57k	8.24k	603
1	734 27	-8.59k 4	20	0	14.7m	-44.2m	-4.07m	258	2.56k	303	534	-15.3k	41.8m	-30.7m	-1.41m	1.57k	8.24k	603
1	734 27	-8.59k 7	20	0	14.2m	-45.2m	-4.75m	271	2.63k	308	550	-15.2k	42.8m	-30.0m	-0.82m	1.61k	8.47k	615
1	753 27	-8.38k 8	20	0	13.8m	-46.0m	-5.35m	283	2.69k	313	564	-15.0k	43.6m	-29.3m	-0.30m	1.65k	8.67k	626
1	769 27	-8.20k 1	15	0	19.7m	-65.5m	2.84m	-380	1.39k	781	1.32k	-19.0k	56.8m	-47.1m	8.38m	1.59k	8.80k	1.85k
1	2.18k 27	-8.88k 2	15	0	15.2m	-50.4m	2.18m	-292	1.07k	601	1.02k	-14.6k	43.7m	-36.2m	6.45m	1.22k	6.77k	1.42k
1	1.68k 27	-6.83k 3	15	0	15.2m	-50.4m	2.18m	-292	1.07k	601	1.02k	-14.6k	43.7m	-36.2m	6.45m	1.22k	6.77k	1.42k
1	1.68k 27	-6.83k 4	15	0	15.2m	-50.4m	2.18m	-292	1.07k	601	1.02k	-14.6k	43.7m	-36.2m	6.45m	1.22k	6.77k	1.42k
1	1.68k 27	-6.83k 7	15	0	14.8m	-51.4m	1.66m	-280	1.13k	605	1.04k	-14.4k	44.5m	-35.5m	6.91m	1.26k	6.97k	1.44k
1	1.72k 27	-6.65k 8	15	0	14.4m	-52.3m	1.20m	-269	1.17k	610	1.05k	-14.3k	45.2m	-34.8m	7.32m	1.29k	7.15k	1.46k
1	1.75k 27	-6.50k 1	-	-	20.3m	-61.2m	-3.60m	-1.81k	-665	568	452	-19.7k	0.156	-1.43m	8.78m	1.84k	9.90k	2.29k
1	1.51k 27	1.32k 2	-	-	15.6m	-47.0m	-2.77m	-1.39k	-512	437	347	-15.1k	0.120	-1.10m	6.75m	1.42k	7.61k	1.76k
1	1.16k 27	1.02k 3	-	-	15.6m	-47.0m	-2.77m	-1.39k	-512	437	347	-15.1k	0.120	-1.10m	6.75m	1.42k	7.61k	1.76k
1	1.16k 27	1.02k 4	-	-	15.6m	-47.0m	-2.77m	-1.39k	-512	437	347	-15.1k	0.120	-1.10m	6.75m	1.42k	7.61k	1.76k
1	1.16k 27	1.02k 7	-	-	15.2m	-48.1m	-3.30m	-1.37k	-497	441	369	-15.0k	0.123	-1.05m	7.12m	1.46k	7.83k	1.79k
1	1.19k 27	1.04k 8	-	-	14.8m	-48.9m	-3.77m	-1.35k	-484	445	388	-14.8k	0.125	-1.01m	7.45m	1.50k	8.02k	1.82k
1	1.22k 28	1.05k 1	20	1	0.115	-15.2m	-1.95m	-1.16k	-274	967	605	-1.46k	0.155	-1.20m	-0.33m	-867	0.296	1.02k
1	667 28	818 2	20	1	88.4m	-11.7m	-1.50m	-892	-210	744	465	-1.13k	0.120	-0.92m	-0.25m	-667	0.228	783
1	513 28	630 3	20	1	88.4m	-11.7m	-1.50m	-892	-210	744	465	-1.13k	0.120	-0.92m	-0.25m	-667	0.228	783
1	513 28	630 4	20	1	88.4m	-11.7m	-1.50m	-892	-210	744	465	-1.13k	0.120	-0.92m	-0.25m	-667	0.228	783
1	513 28	630 7	20	1	86.4m	-12.0m	-1.78m	-862	-195	760	504	-1.05k	0.122	-0.87m	-0.20m	-647	0.240	799
1	573 28	651 8	20	1	84.6m	-12.2m	-2.03m	-836	-181	775	539	-987	0.125	-0.82m	-0.15m	-630	0.250	814
1	626 28	670 1	25	1	0.114	-15.0m	-3.05m	-1.03k	-199	828	560	-1.60k	0.154	-1.27m	-0.70m	-731	77.8m	891
1	583 28	717 2	25	1	87.4m	-11.5m	-2.35m	-795	-153	637	431	-1.23k	0.118	-0.98m	-0.54m	-562	59.9m	685

1	449	552	25	1	87.4m	-11.5m	-2.35m	-795	-153	637	431	-1.23k	0.118	-0.98m	-0.54m	-562	59.9m	685
1	449	552	25	1	87.4m	-11.5m	-2.35m	-795	-153	637	431	-1.23k	0.118	-0.98m	-0.54m	-562	59.9m	685
1	449	552	25	1	85.3m	-11.8m	-2.63m	-773	-143	653	476	-1.16k	0.121	-0.92m	-0.48m	-547	69.8m	702
1	517	576	25	1	83.5m	-12.1m	-2.89m	-753	-135	667	515	-1.09k	0.123	-0.87m	-0.43m	-533	78.7m	716
1	582	597	25	0	18.4m	-53.8m	-6.90m	486	3.69k	325	586	-20.0k	53.1m	-39.1m	-4.85m	2.11k	11.0k	574
1	620	-11.4k	25	0	14.2m	-41.4m	-5.30m	374	2.84k	250	451	-15.4k	40.8m	-30.1m	-3.73m	1.62k	8.44k	441
1	477	-8.75k	25	0	14.2m	-41.4m	-5.30m	374	2.84k	250	451	-15.4k	40.8m	-30.1m	-3.73m	1.62k	8.44k	441
1	477	-8.75k	25	0	14.2m	-41.4m	-5.30m	374	2.84k	250	451	-15.4k	40.8m	-30.1m	-3.73m	1.62k	8.44k	441
1	477	-8.75k	25	0	13.7m	-42.4m	-6.03m	386	2.91k	256	467	-15.2k	41.9m	-29.3m	-3.01m	1.67k	8.68k	455
1	497	-8.54k	25	0	13.2m	-43.2m	-6.67m	396	2.98k	261	481	-15.1k	42.8m	-28.7m	-2.37m	1.71k	8.88k	467
1	520	-8.35k	20	0	18.6m	-54.8m	-8.05m	399	3.48k	366	672	-19.9k	53.8m	-39.9m	-4.12m	2.06k	10.8k	693
1	713	-11.3k	20	0	14.3m	-42.2m	-6.19m	307	2.68k	281	517	-15.3k	41.4m	-30.7m	-3.17m	1.58k	8.30k	533
1	549	-8.66k	20	0	14.3m	-42.2m	-6.19m	307	2.68k	281	517	-15.3k	41.4m	-30.7m	-3.17m	1.58k	8.30k	533
1	549	-8.66k	20	0	14.3m	-42.2m	-6.19m	307	2.68k	281	517	-15.3k	41.4m	-30.7m	-3.17m	1.58k	8.30k	533
1	549	-8.66k	20	0	13.8m	-43.2m	-6.90m	319	2.75k	287	530	-15.2k	42.5m	-30.0m	-2.59m	1.63k	8.53k	546
1	568	-8.45k	20	0	13.4m	-44.0m	-7.52m	329	2.81k	292	542	-15.0k	43.3m	-29.3m	-2.08m	1.67k	8.73k	558
1	587	-8.27k	-	-	18.5m	-54.1m	-6.44m	-1.07k	-253	349	577	-20.0k	0.154	-1.25m	-0.70m	2.08k	10.9k	953
1	682	750	-	-	14.3m	-41.6m	-4.95m	-827	-195	269	444	-15.4k	0.119	-0.96m	-0.54m	1.60k	8.35k	733
1	525	577	-	-	14.3m	-41.6m	-4.95m	-827	-195	269	444	-15.4k	0.119	-0.96m	-0.54m	1.60k	8.35k	733
1	525	577	-	-	14.3m	-41.6m	-4.95m	-827	-195	269	444	-15.4k	0.119	-0.96m	-0.54m	1.60k	8.35k	733
1	525	577	-	-	13.8m	-42.6m	-5.66m	-802	-179	274	475	-15.2k	0.121	-0.90m	-0.48m	1.64k	8.58k	749
1	555	600	-	-	13.4m	-43.5m	-6.30m	-781	-165	279	494	-15.1k	0.124	-0.85m	-0.43m	1.68k	8.78k	763
1	597	621	25	1	0.114	-15.0m	-3.05m	-993	-195	812	542	-1.60k	0.153	-1.29m	-0.70m	-731	61.0m	853
1	571	685	25	1	87.4m	-11.5m	-2.35m	-764	-150	625	417	-1.23k	0.118	-0.99m	-0.54m	-562	46.9m	656
1	439	527	25	1	87.4m	-11.5m	-2.35m	-764	-150	625	417	-1.23k	0.118	-0.99m	-0.54m	-562	46.9m	656
1	439	527	25	1	87.4m	-11.5m	-2.35m	-764	-150	625	417	-1.23k	0.118	-0.99m	-0.54m	-562	46.9m	656
1	439	527	25	1	85.3m	-11.8m	-2.63m	-742	-132	641	464	-1.16k	0.120	-0.94m	-0.48m	-547	56.0m	673
1	504	552	25	1	83.5m	-12.1m	-2.89m	-723	-128	655	504	-1.09k	0.123	-0.89m	-0.43m	-533	64.2m	687
1	569	575	30	1	0.112	-14.9m	-3.95m	-882	-155	690	465	-1.72k	0.151	-1.27m	-0.67m	-611	0.177	747
1	515	591	30	1	86.2m	-11.4m	-3.04m	-678	-119	531	358	-1.32k	0.116	-0.98m	-0.52m	-470	0.136	575
1	396	455	30	1	86.2m	-11.4m	-3.04m	-678	-119	531	358	-1.32k	0.116	-0.98m	-0.52m	-470	0.136	575
1	396	455	30	1	86.2m	-11.4m	-3.04m	-678	-119	531	358	-1.32k	0.116	-0.98m	-0.52m	-470	0.136	575
1	396	455	30	1	84.0m	-11.7m	-3.34m	-653	-114	546	403	-1.25k	0.119	-0.92m	-0.46m	-449	0.148	592
1	460	483	30	1	82.0m	-12.0m	-3.60m	-632	-109	559	443	-1.18k	0.122	-0.86m	-0.40m	-429	0.158	606
1	518	508	30	0	17.2m	-52.7m	-8.22m	561	3.87k	268	501	-20.0k	52.2m	-38.4m	-5.86m	2.17k	11.2k	474
1	539	-11.5k	30	0	13.2m	-40.6m	-6.33m	432	2.97k	207	386	-15.4k	40.2m	-29.6m	-4.51m	1.67k	8.61k	365
1	415	-8.82k	30	0	13.2m	-40.6m	-6.33m	432	2.97k	207	386	-15.4k	40.2m	-29.6m	-4.51m	1.67k	8.61k	365
1	415	-8.82k	30	0	13.2m	-40.6m	-6.33m	432	2.97k	207	386	-15.4k	40.2m	-29.6m	-4.51m	1.67k	8.61k	365
1	415	-8.82k	30	0	12.7m	-41.5m	-7.06m	447	3.05k	212	398	-15.2k	41.3m	-28.8m	-3.78m	1.71k	8.84k	378
1	441	-8.60k	30	0	12.2m	-42.4m	-7.70m	461	3.12k	217	409	-15.1k	42.3m	-28.2m	-3.14m	1.75k	9.05k	390
1	465	-8.42k	25	0	17.9m	-53.6m	-9.34m	486	3.69k	303	542	-20.0k	53.1m	-39.1m	-5.75m	2.12k	11.0k	574
1	595	-11.4k	25	0	13.8m	-41.2m	-7.19m	374	2.84k	233	417	-15.4k	40.8m	-30.1m	-4.42m	1.63k	8.49k	441
1	458	-8.75k	25	0	13.8m	-41.2m	-7.19m	374	2.84k	233	417	-15.4k	40.8m	-30.1m	-4.42m	1.63k	8.49k	441
1	458	-8.75k	25	0	13.8m	-41.2m	-7.19m	374	2.84k	233	417	-15.4k	40.8m	-30.1m	-4.42m	1.63k	8.49k	441
1	458	-8.75k	25	0	13.3m	-42.2m	-7.92m	386	2.91k	239	437	-15.2k	41.9m	-29.3m	-3.82m	1.68k	8.72k	455
1	479	-8.54k	25	0	12.8m	-43.0m	-8.57m	396	2.98k	244	455	-15.1k	42.8m	-28.7m	-3.29m	1.72k	8.92k	467
1	500	-8.35k	-	-	17.6m	-52.9m	-7.66m	-917	-177	289	499	-20.0k	0.152	-1.29m	-0.69m	2.14k	11.1k	796
1	589	624	-	-	13.5m	-40.7m	-5.90m	-705	-136	222	384	-15.4k	0.117	-0.99m	-0.53m	1.64k	8.53k	612

1	453	480																
	29	3	-	-	13.5m	-40.7m	-5.90m	-705	-136	222	384	-15.4k	0.117	-0.99m	-0.53m	1.64k	8.53k	612
	453	480																
1	29	4	-	-	13.5m	-40.7m	-5.90m	-705	-136	222	384	-15.4k	0.117	-0.99m	-0.53m	1.64k	8.53k	612
	453	480																
1	29	7	-	-	13.0m	-41.7m	-6.63m	-681	-119	228	407	-15.2k	0.120	-0.93m	-0.47m	1.69k	8.76k	628
	500	508																
1	29	8	-	-	12.6m	-42.6m	-7.28m	-660	-115	233	425	-15.0k	0.122	-0.88m	-0.42m	1.73k	8.97k	642
	550	532																
1	30	1	30	1	0.111	-14.9m	-4.42m	-845	-148	528	358	-1.79k	0.150	-1.30m	-0.62m	-541	0.271	712
	498	567																
1	30	2	30	1	85.2m	-11.4m	-3.40m	-650	-114	406	275	-1.38k	0.116	-1.00m	-0.48m	-416	0.209	548
	383	436																
1	30	3	30	1	85.2m	-11.4m	-3.40m	-650	-114	406	275	-1.38k	0.116	-1.00m	-0.48m	-416	0.209	548
	383	436																
1	30	4	30	1	85.2m	-11.4m	-3.40m	-650	-114	406	275	-1.38k	0.116	-1.00m	-0.48m	-416	0.209	548
	383	436																
1	30	7	30	1	83.0m	-11.7m	-3.70m	-625	-108	421	302	-1.30k	0.119	-0.94m	-0.42m	-389	0.230	565
	440	466																
1	30	8	30	1	81.0m	-12.0m	-3.97m	-603	-103	434	325	-1.23k	0.121	-0.88m	-0.36m	-366	0.249	580
	491	492																
1	30	1	35	1	0.102	-14.1m	-3.58m	-414	-60.9	226	189	-2.11k	0.138	-1.44m	-0.49m	-191	127	330
	292	209																
1	30	2	35	1	78.1m	-10.9m	-2.75m	-318	-46.9	174	146	-1.62k	0.106	-1.11m	-0.38m	-147	97.4	254
	225	161																
1	30	3	35	1	78.1m	-10.9m	-2.75m	-318	-46.9	174	146	-1.62k	0.106	-1.11m	-0.38m	-147	97.4	254
	225	161																
1	30	4	35	1	78.1m	-10.9m	-2.75m	-318	-46.9	174	146	-1.62k	0.106	-1.11m	-0.38m	-147	97.4	254
	225	161																
1	30	7	35	1	75.4m	-11.2m	-3.04m	-301	-41.9	189	167	-1.54k	0.109	-1.04m	-0.32m	-121	127	273
	292	194																
1	30	8	35	1	73.1m	-11.4m	-3.29m	-285	-37.5	203	186	-1.47k	0.112	-0.97m	-0.26m	-98.5	154	290
	352	224																
1	30	1	35	0	13.8m	-48.1m	-8.74m	792	4.40k	80.4	181	-20.1k	47.6m	-35.0m	-6.24m	2.34k	11.8k	173
	225	-11.7k																
1	30	2	35	0	10.6m	-37.0m	-6.72m	609	3.39k	61.9	139	-15.4k	36.6m	-26.9m	-4.80m	1.80k	9.11k	133
	173	-8.97k																
1	30	3	35	0	10.6m	-37.0m	-6.72m	609	3.39k	61.9	139	-15.4k	36.6m	-26.9m	-4.80m	1.80k	9.11k	133
	173	-8.97k																
1	30	4	35	0	10.6m	-37.0m	-6.72m	609	3.39k	61.9	139	-15.4k	36.6m	-26.9m	-4.80m	1.80k	9.11k	133
	173	-8.97k																
1	30	7	35	0	9.90m	-37.9m	-7.40m	624	3.46k	68.3	151	-15.3k	38.0m	-26.2m	-4.11m	1.85k	9.33k	148
	187	-8.77k																
1	30	8	35	0	9.32m	-38.7m	-8.00m	636	3.52k	73.8	161	-15.1k	39.2m	-25.6m	-3.50m	1.88k	9.52k	161
	202	-8.60k																
1	30	1	30	0	15.6m	-52.6m	-10.9m	561	3.87k	192	362	-20.1k	52.2m	-38.0m	-7.07m	2.24k	11.5k	474
	507	-11.5k																
1	30	2	30	0	12.0m	-40.5m	-8.40m	432	2.97k	148	278	-15.5k	40.2m	-29.3m	-5.44m	1.72k	8.82k	365
	390	-8.82k																
1	30	3	30	0	12.0m	-40.5m	-8.40m	432	2.97k	148	278	-15.5k	40.2m	-29.3m	-5.44m	1.72k	8.82k	365
	390	-8.82k																
1	30	4	30	0	12.0m	-40.5m	-8.40m	432	2.97k	148	278	-15.5k	40.2m	-29.3m	-5.44m	1.72k	8.82k	365
	390	-8.82k																
1	30	7	30	0	11.4m	-41.4m	-9.14m	447	3.05k	153	290	-15.3k	41.3m	-28.5m	-4.83m	1.77k	9.05k	378
	408	-8.60k																
1	30	8	30	0	10.9m	-42.3m	-9.80m	461	3.12k	158	299	-15.1k	42.3m	-27.9m	-4.29m	1.81k	9.25k	390
	424	-8.42k																
1	30	1	-	-	15.6m	-50.5m	-9.08m	-580	-95.7	130	184	-20.1k	0.143	-1.59m	-0.68m	2.29k	11.7k	661
	503	361																
1	30	2	-	-	12.0m	-38.8m	-6.98m	-446	-73.6	100	142	-15.5k	0.110	-1.23m	-0.52m	1.76k	8.98k	509
	387	278																
1	30	3	-	-	12.0m	-38.8m	-6.98m	-446	-73.6	100	142	-15.5k	0.110	-1.23m	-0.52m	1.76k	8.98k	509
	387	278																
1	30	4	-	-	12.0m	-38.8m	-6.98m	-446	-73.6	100	142	-15.5k	0.110	-1.23m	-0.52m	1.76k	8.98k	509
	387	278																
1	30	7	-	-	11.4m	-39.8m	-7.67m	-423	-67.2	106	155	-15.3k	0.113	-1.16m	-0.46m	1.81k	9.21k	525
	429	313																
1	30	8	-	-	10.8m	-40.6m	-8.28m	-402	-61.5	112	166	-15.1k	0.116	-1.10m	-0.40m	1.85k	9.40k	540
	470	344																
1	31	1	35	1	0.100	-14.1m	-3.96m	-317	-40.6	162	124	-2.13k	0.135	-1.46m	-0.68m	-165	142	234
	193	129																
1	31	2	35	1	77.1m	-10.9m	-3.05m	-244	-31.2	124	95.2	-1.64k	0.103	-1.12m	-0.52m	-127	109	180
	149	98.9																
1	31	3	35	1	77.1m	-10.9m	-3.05m	-244	-31.2	124	95.2	-1.64k	0.103	-1.12m	-0.52m	-127	109	180
	149	98.9																
1	31	4	35	1	77.1m	-10.9m	-3.05m	-244	-31.2	124	95.2	-1.64k	0.103	-1.12m	-0.52m	-127	109	180
	149	98.9																
1	31	7	35	1	74.4m	-11.2m	-3.33m	-225	-25.5	142	127	-1.56k	0.107	-1.04m	-0.46m	-101	140	199
	184	135																
1	31	8	35	1	72.1m	-11.4m	-3.59m	-209	-20.4	158	155	-1.50k	0.110	-0.98m	-0.41m	-77.8	167	216
	215	166							</									

1	9.77	-14.3	3	45	1	72.7m	-10.6m	-0.27m	-109	-3.67	6.49	5.67	-1.71k	95.3m	-1.29m	-16.4μ	-40.3	161	11.0
1	9.77	-14.3	4	45	1	72.7m	-10.6m	-0.27m	-109	-3.67	6.49	5.67	-1.71k	95.3m	-1.29m	-16.4μ	-40.3	161	11.0
1	9.77	-14.3	7	45	1	70.0m	-10.8m	-0.52m	-96.4	-0.336	14.0	31.3	-1.68k	98.9m	-1.21m	67.6μ	-19.0	193	32.7
1	73.9	27.2	8	45	1	67.6m	-11.1m	-0.74m	-85.8	25.0m	20.7	54.2	-1.64k	0.102	-1.15m	0.22m	-0.142	221	51.8
1	132	63.8	1	50	1	94.5m	-13.7m	-0.11m	-141	-4.63	-9.46	-13.8	-2.23k	0.124	-1.65m	97.6μ	-51.8	210	-3.11
1.89	-19.0																		
1	33		2	50	1	72.7m	-10.6m	-84.0μ	-108	-3.56	-7.28	-10.6	-1.71k	95.3m	-1.27m	75.0μ	-39.8	161	-2.39
1.45	-14.6																		
1	33		3	50	1	72.7m	-10.6m	-84.0μ	-108	-3.56	-7.28	-10.6	-1.71k	95.3m	-1.27m	75.0μ	-39.8	161	-2.39
1.45	-14.6																		
1	33		4	50	1	72.7m	-10.6m	-84.0μ	-108	-3.56	-7.28	-10.6	-1.71k	95.3m	-1.27m	75.0μ	-39.8	161	-2.39
1.45	-14.6																		
1	33		7	50	1	70.0m	-10.9m	-0.31m	-97.0	-0.653	0.358	14.0	-1.68k	99.0m	-1.19m	0.19m	-18.6	193	19.0
	62.3	26.2																	
1	33		8	50	1	67.6m	-11.1m	-0.53m	-87.2	5.00m	6.98	35.8	-1.65k	0.102	-1.12m	0.41m	0.170	220	37.7
	120	62.3																	
1	33		1	50	0	10.8m	-44.6m	38.8μ	894	4.62k	-5.90	-10.6	-20.1k	43.2m	-33.4m	2.13m	2.40k	12.1k	-0.875
3.80	-11.7k																		
1	33		2	50	0	8.31m	-34.3m	29.9μ	688	3.55k	-4.54	-8.15	-15.5k	33.2m	-25.7m	1.64m	1.85k	9.27k	-0.673
2.93	-9.02k																		
1	33		3	50	0	8.31m	-34.3m	29.9μ	688	3.55k	-4.54	-8.15	-15.5k	33.2m	-25.7m	1.64m	1.85k	9.27k	-0.673
2.93	-9.02k																		
1	33		4	50	0	8.31m	-34.3m	29.9μ	688	3.55k	-4.54	-8.15	-15.5k	33.2m	-25.7m	1.64m	1.85k	9.27k	-0.673
2.93	-9.02k																		
1	33		7	50	0	7.55m	-35.2m	-0.51m	698	3.59k	0.721	-1.77	-15.4k	34.7m	-25.0m	2.23m	1.89k	9.46k	12.8
	26.1	-8.85k																	
1	33		8	50	0	6.88m	-35.9m	-1.00m	706	3.63k	3.27	3.83	-15.3k	36.0m	-24.5m	2.75m	1.92k	9.62k	25.7
	51.9	-8.70k																	
1	33		1	45	0	10.8m	-44.6m	-2.37m	894	4.62k	2.49	4.28	-20.1k	43.2m	-33.4m	-0.44m	2.40k	12.1k	8.81
	12.1	-11.7k																	
1	33		2	45	0	8.34m	-34.3m	-1.82m	687	3.55k	1.91	3.29	-15.5k	33.2m	-25.7m	-0.34m	1.85k	9.27k	6.78
	9.27	-9.02k																	
1	33		3	45	0	8.34m	-34.3m	-1.82m	687	3.55k	1.91	3.29	-15.5k	33.2m	-25.7m	-0.34m	1.85k	9.27k	6.78
	9.27	-9.02k																	
1	33		4	45	0	8.34m	-34.3m	-1.82m	687	3.55k	1.91	3.29	-15.5k	33.2m	-25.7m	-0.34m	1.85k	9.27k	6.78
	9.27	-9.02k																	
1	33		7	45	0	7.58m	-35.1m	-2.42m	698	3.59k	4.49	10.7	-15.4k	34.7m	-25.0m	0.22m	1.89k	9.46k	23.0
	33.4	-8.85k																	
1	33		8	45	0	6.92m	-35.9m	-2.95m	708	3.63k	6.75	16.0	-15.3k	36.0m	-24.5m	0.74m	1.92k	9.63k	37.3
	60.0	-8.70k																	
1	33		1	-	-	10.8m	-44.6m	-0.62m	-140	-4.55	-8.55	-8.40	-20.1k	0.124	-1.67m	80.0μ	2.40k	12.1k	13.1
	12.5	-19.4																	
1	33		2	-	-	8.33m	-34.3m	-0.48m	-108	-3.50	-6.58	-6.46	-15.5k	95.3m	-1.28m	61.6μ	1.85k	9.27k	10.1
	9.65	-15.0																	
1	33		3	-	-	8.33m	-34.3m	-0.48m	-108	-3.50	-6.58	-6.46	-15.5k	95.3m	-1.28m	61.6μ	1.85k	9.27k	10.1
	9.65	-15.0																	
1	33		4	-	-	8.33m	-34.3m	-0.48m	-108	-3.50	-6.58	-6.46	-15.5k	95.3m	-1.28m	61.6μ	1.85k	9.27k	10.1
	9.65	-15.0																	
1	33		7	-	-	7.57m	-35.1m	-0.95m	-99.8	-0.926	0.738	5.20	-15.4k	98.9m	-1.20m	0.52m	1.89k	9.46k	30.6
	66.7	24.9																	
1	33		8	-	-	6.91m	-35.9m	-1.35m	-92.7	27.0m	4.97	10.7	-15.3k	0.102	-1.14m	1.01m	1.92k	9.62k	48.5
	125	60.1																	
1	34		1	50	1	94.5m	-13.8m	-0.11m	-151	-6.91	-48.6	-54.2	-2.23k	0.124	-1.65m	0.24m	-51.8	210	-9.03
7.02	-10.7																		
1	34		2	50	1	72.7m	-10.6m	-84.0μ	-116	-5.31	-37.4	-41.7	-1.71k	95.4m	-1.27m	0.19m	-39.8	161	-6.95
5.40	-8.23																		
1	34		3	50	1	72.7m	-10.6m	-84.0μ	-116	-5.31	-37.4	-41.7	-1.71k	95.4m	-1.27m	0.19m	-39.8	161	-6.95
5.40	-8.23																		
1	34		4	50	1	72.7m	-10.6m	-84.0μ	-116	-5.31	-37.4	-41.7	-1.71k	95.4m	-1.27m	0.19m	-39.8	161	-6.95
5.40	-8.23																		
1	34		7	50	1	70.0m	-10.9m	-0.31m	-92.6	-48.8m	-24.9	-16.8	-1.68k	99.1m	-1.19m	0.35m	-18.5	193	14.3
	56.1	35.9																	
1	34		8	50	1	67.6m	-11.2m	-0.53m	-78.7	-31.5m	-14.0	5.50	-1.65k	0.102	-1.12m	0.58m	1.66	221	33.2
	111	75.0																	
1	34		1	55	1	98.4m	-14.0m	0.59m	-259	-28.6	-179	-151	-2.16k	0.132	-1.50m	3.48m	-125	166	-118
90.8	79.7																		
1	34		2	55	1	75.7m	-10.8m	0.45m	-199	-22.0	-137	-116	-1.67k	0.101	-1.15m	2.68m	-96.0	128	-90.9
69.8	61.3																		
1	34		3	55	1	75.7m	-10.8m	0.45m	-199	-22.0	-137	-116	-1.67k	0.101	-1.15m	2.68m	-96.0	128	-90.9
69.8	61.3																		
1	34		4	55	1	75.7m	-10.8m	0.45m	-199	-22.0	-137	-116	-1.67k	0.101	-1.15m	2.68m	-96.0	128	-90.9
69.8	61.3																		
1	34		7	55	1	73.0m	-11.1m	0.39m	-175	-16.7	-119	-86.3	-1.60k	0.105	-1.07m	2.96m	-75.7	160	-68.7
3.26	100																		
1	34		8	55	1	70.6m	-11.3m	0.34m	-155	-11.9									

6.70	-9.02k																		
1	34	3	50	0	8.44m	-34.4m	-1.06m	686	3.55k	-15.6	-28.9	-15.5k	33.3m	-25.7m	1.78m	1.85k	9.27k	-2.46	-
6.70	-9.02k																		
1	34	4	50	0	8.44m	-34.4m	-1.06m	686	3.55k	-15.6	-28.9	-15.5k	33.3m	-25.7m	1.78m	1.85k	9.27k	-2.46	-
6.70	-9.02k																		
1	34	7	50	0	7.67m	-35.3m	-1.67m	698	3.59k	-9.35	-19.1	-15.4k	34.8m	-25.0m	2.38m	1.89k	9.46k	11.6	
1	18.1 -8.84k	8	50	0	7.00m	-36.0m	-2.20m	706	3.63k	-3.94	-10.5	-15.3k	36.1m	-24.5m	2.91m	1.92k	9.63k	25.7	
1	44.0 -8.70k	1	-	-	11.7m	-45.5m	-29.7μ	-186	-14.3	-163	-147	-20.1k	0.126	-1.76m	5.89m	2.39k	12.0k	-6.89	-
8.06	22.9																		
1	34	2	-	-	9.02m	-35.0m	-22.9μ	-143	-11.0	-126	-113	-15.5k	97.0m	-1.35m	4.53m	1.84k	9.25k	-5.30	-
6.20	17.6																		
1	34	3	-	-	9.02m	-35.0m	-22.9μ	-143	-11.0	-126	-113	-15.5k	97.0m	-1.35m	4.53m	1.84k	9.25k	-5.30	-
6.20	17.6																		
1	34	4	-	-	9.02m	-35.0m	-22.9μ	-143	-11.0	-126	-113	-15.5k	97.0m	-1.35m	4.53m	1.84k	9.25k	-5.30	-
6.20	17.6																		
1	34	7	-	-	8.26m	-35.9m	-0.40m	-121	-5.64	-108	-95.5	-15.3k	0.101	-1.28m	5.09m	1.88k	9.45k	13.8	
1	44.5 98.2	8	-	-	7.60m	-36.7m	-0.80m	-102	-0.862	-92.8	-81.9	-15.2k	0.104	-1.21m	5.58m	1.91k	9.62k	31.5	
1	90.1	1	55	1	99.5m	-14.0m	0.43m	-335	-44.7	-257	-234	-2.15k	0.135	-1.49m	3.18m	-145	154	-172	
1	-148 143	2	55	1	76.5m	-10.8m	0.33m	-258	-34.4	-198	-180	-1.65k	0.104	-1.14m	2.45m	-112	119	-132	
1	-114 110	3	55	1	76.5m	-10.8m	0.33m	-258	-34.4	-198	-180	-1.65k	0.104	-1.14m	2.45m	-112	119	-132	
1	-114 110	4	55	1	76.5m	-10.8m	0.33m	-258	-34.4	-198	-180	-1.65k	0.104	-1.14m	2.45m	-112	119	-132	
1	-114 110	7	55	1	73.8m	-11.1m	0.27m	-241	-28.8	-182	-145	-1.58k	0.107	-1.07m	2.73m	-87.5	150	-114	-
74.3	145																		
1	35	8	55	1	71.5m	-11.4m	0.22m	-227	-23.9	-169	-125	-1.51k	0.110	-1.00m	2.97m	-66.2	177	-98.3	-
37.4	177																		
1	35	1	60	1	0.109	-14.7m	0.68m	-688	-117	-569	-417	-1.89k	0.147	-1.35m	4.63m	-428	0.221	-419	
1	-294 439	2	60	1	83.6m	-11.3m	0.52m	-530	-89.6	-438	-321	-1.46k	0.113	-1.04m	3.56m	-329	0.170	-322	
1	-227 338	3	60	1	83.6m	-11.3m	0.52m	-530	-89.6	-438	-321	-1.46k	0.113	-1.04m	3.56m	-329	0.170	-322	
1	-227 338	4	60	1	83.6m	-11.3m	0.52m	-530	-89.6	-438	-321	-1.46k	0.113	-1.04m	3.56m	-329	0.170	-322	
1	-227 338	7	60	1	81.2m	-11.6m	0.46m	-505	-83.4	-424	-297	-1.38k	0.116	-0.97m	3.86m	-301	16.4	-303	
1	-172 374	8	60	1	79.1m	-11.9m	0.41m	-484	-77.9	-411	-277	-1.31k	0.119	-0.92m	4.12m	-276	41.9	-287	
1	-123 406	1	60	0	14.7m	-51.3m	7.81m	637	4.04k	-375	-408	-20.1k	51.2m	-37.2m	11.7m	2.28k	11.6k	-150	
1	-287 -11.5k	2	60	0	11.3m	-39.4m	6.01m	490	3.11k	-288	-314	-15.5k	39.4m	-28.6m	9.00m	1.76k	8.93k	-115	
1	-221 -8.88k	3	60	0	11.3m	-39.4m	6.01m	490	3.11k	-288	-314	-15.5k	39.4m	-28.6m	9.00m	1.76k	8.93k	-115	
1	-221 -8.88k	4	60	0	11.3m	-39.4m	6.01m	490	3.11k	-288	-314	-15.5k	39.4m	-28.6m	9.00m	1.76k	8.93k	-115	
1	-221 -8.88k	7	60	0	10.7m	-40.4m	5.40m	508	3.19k	-277	-305	-15.3k	40.6m	-27.9m	9.72m	1.80k	9.17k	-108	
1	-202 -8.66k	8	60	0	10.1m	-41.2m	4.86m	525	3.26k	-268	-297	-15.1k	41.6m	-27.3m	10.4m	1.84k	9.36k	-101	
1	-184 -8.47k	1	55	0	13.0m	-47.1m	5.38m	823	4.47k	-132	-177	-20.1k	46.5m	-34.5m	8.12m	2.36k	11.9k	-59.6	
1	-143 -11.7k	2	55	0	10.0m	-36.3m	4.14m	633	3.44k	-101	-137	-15.5k	35.8m	-26.5m	6.24m	1.82k	9.17k	-45.8	
1	-110 -8.98k	3	55	0	10.0m	-36.3m	4.14m	633	3.44k	-101	-137	-15.5k	35.8m	-26.5m	6.24m	1.82k	9.17k	-45.8	
1	-110 -8.98k	4	55	0	10.0m	-36.3m	4.14m	633	3.44k	-101	-137	-15.5k	35.8m	-26.5m	6.24m	1.82k	9.17k	-45.8	
1	-110 -8.98k	7	55	0	9.31m	-37.2m	3.46m	648	3.51k	-89.0	-125	-15.3k	37.2m	-25.8m	6.90m	1.86k	9.38k	-39.2	-
88.8	-8.79k	8	55	0	8.70m	-38.0m	2.86m	660	3.57k	-78.1	-115	-15.2k	38.4m	-25.2m	7.47m	1.90k	9.56k	-33.4	-
68.2	-8.62k																		
1	35	1	-	-	14.7m	-49.3m	0.65m	-469	-73.0	-527	-414	-20.1k	0.139	-1.63m	9.14m	2.32k	11.8k	-99.6	
1	-144 267	2	-	-	11.3m	-37.9m	0.50m	-361	-56.2	-405	-318	-15.5k	0.107	-1.25m	7.03m	1.79k	9.06k	-76.7	
1	-111 205	3	-	-	11.3m	-37.9m	0.50m	-361	-56.2	-405	-318	-15.5k	0.107	-1.25m	7.03m	1.79k	9.06k	-76.7	
1	-111 205	4	-	-	11.3m	-37.9m	0.50m	-361	-56.2	-405	-318	-15.5k	0.107	-1.25m	7.03m	1.79k	9.06k	-76.7	
1	-111 205	7	-	-	10.7m	-38.9m	0.44m	-342	-50.4	-391	-305	-15.3k	0.110	-1.18m	7.70m	1.83k	9.28k	-69.2	-
84.1	240																		
1	35	8	-	-	10.1m	-39.7m	0.38m	-325	-45.2	-379	-295	-15.1k	0.113	-1.12m	8.28m	1.87k	9.47k	-62.6	-
58.5	270																		
1	36	1	60	1	0.110	-14.7m	0.75m	-720	-123	-598	-432	-1.84k	0.148	-1.32m	4.28m	-486	0.146	-550	
1	-391 460	2	60	1	84.6m	-11.3m	0.57m	-554	-94.2	-460	-333	-1.42k	0.114	-1.02m	3.29m	-374	0.113	-423	
1	-301 354	3	60	1	84.6m	-11.3m	0.57m	-554	-94.2	-460	-333	-1.42k	0.114	-1.02m	3.29m	-374	0.113	-423	
1	-301 354	4	60	1	84.6m	-11.3m	0.57m	-554	-94.2	-460	-333	-1.42k	0.114	-1.02m	3.29m	-374	0.113	-423	
1	-301 354	7	60	1	82.2m	-11.6m	0.51m	-530	-88.2	-445	-301	-1.34k	0.117	-0.95m	3.59m	-346	0.133	-406	
1	-267 389	8	60	1	80.2m	-11.8m	0.46m	-508	-82.8	-433	-277	-1.27k	0.119	-0.90m	3.85m	-321	14.1	-391	
1	-236 420	1	65	1	0.112	-14.7m	0.80m	-814	-141	-686	-483	-1.75k	0.150	-1.34m	3.57m	-586	52.1m	-652	
1	-461 540	2	65	1	86.0m	-11.3m	0.61m	-626	-109	-528	-372	-1.34k	0.115	-1.03m	2.75m	-451	40.1m	-501	

1	-354 36 -354	416 3 416	65	1	86.0m	-11.3m	0.61m	-626	-109	-528	-372	-1.34k	0.115	-1.03m	2.75m	-451	40.1m	-501
1	36 -354	416 4	65	1	86.0m	-11.3m	0.61m	-626	-109	-528	-372	-1.34k	0.115	-1.03m	2.75m	-451	40.1m	-501
1	36 -305	416 7	65	1	83.8m	-11.6m	0.55m	-602	-103	-512	-332	-1.27k	0.118	-0.97m	3.05m	-429	58.7m	-484
1	36 -261	447 8	65	1	81.8m	-11.9m	0.50m	-581	-98.3	-499	-297	-1.20k	0.121	-0.92m	3.31m	-410	75.3m	-469
1	36 -422	474 1	65	0	17.0m	-52.1m	6.85m	575	3.90k	-455	-483	-20.0k	52.1m	-38.1m	10.5m	2.19k	11.3k	-239
1	36 -325	-11.5k 2	65	0	13.1m	-40.1m	5.27m	442	3.00k	-350	-372	-15.4k	40.1m	-29.3m	8.11m	1.68k	8.67k	-184
1	36 -325	-8.83k 3	65	0	13.1m	-40.1m	5.27m	442	3.00k	-350	-372	-15.4k	40.1m	-29.3m	8.11m	1.68k	8.67k	-184
1	36 -325	-8.83k 4	65	0	13.1m	-40.1m	5.27m	442	3.00k	-350	-372	-15.4k	40.1m	-29.3m	8.11m	1.68k	8.67k	-184
1	36 -305	-8.61k 7	65	0	12.6m	-41.1m	4.65m	458	3.08k	-338	-358	-15.2k	41.3m	-28.6m	8.86m	1.73k	8.91k	-177
1	36 -287	-8.42k 8	65	0	12.1m	-41.9m	4.11m	473	3.14k	-327	-347	-15.0k	42.3m	-28.0m	9.51m	1.77k	9.11k	-170
1	36 -402	-11.5k 1	60	0	16.2m	-51.4m	6.85m	637	4.04k	-375	-435	-20.1k	51.2m	-37.6m	9.12m	2.22k	11.4k	-211
1	36 -310	-8.88k 2	60	0	12.5m	-39.5m	5.27m	490	3.11k	-288	-335	-15.4k	39.4m	-28.9m	7.01m	1.71k	8.77k	-162
1	36 -310	-8.88k 3	60	0	12.5m	-39.5m	5.27m	490	3.11k	-288	-335	-15.4k	39.4m	-28.9m	7.01m	1.71k	8.77k	-162
1	36 -310	-8.88k 4	60	0	12.5m	-39.5m	5.27m	490	3.11k	-288	-335	-15.4k	39.4m	-28.9m	7.01m	1.71k	8.77k	-162
1	36 -296	-8.66k 7	60	0	11.9m	-40.5m	4.54m	508	3.19k	-277	-316	-15.2k	40.6m	-28.2m	7.74m	1.75k	9.00k	-155
1	36 -282	-8.47k 8	60	0	11.4m	-41.3m	3.90m	525	3.26k	-268	-307	-15.0k	41.6m	-27.6m	8.38m	1.79k	9.21k	-149
1	36 -411	488 1	-	-	16.7m	-51.5m	0.77m	-749	-129	-636	-486	-20.0k	0.149	-1.34m	8.76m	2.20k	11.3k	-228
1	36 -316	375 2	-	-	12.8m	-39.7m	0.59m	-576	-98.9	-490	-374	-15.4k	0.114	-1.03m	6.74m	1.69k	8.71k	-175
1	36 -316	375 3	-	-	12.8m	-39.7m	0.59m	-576	-98.9	-490	-374	-15.4k	0.114	-1.03m	6.74m	1.69k	8.71k	-175
1	36 -316	375 4	-	-	12.8m	-39.7m	0.59m	-576	-98.9	-490	-374	-15.4k	0.114	-1.03m	6.74m	1.69k	8.71k	-175
1	36 -295	409 7	-	-	12.3m	-40.6m	0.53m	-552	-93.0	-475	-353	-15.2k	0.117	-0.97m	7.47m	1.74k	8.94k	-168
1	36 -259	440 8	-	-	11.8m	-41.5m	0.48m	-531	-87.8	-462	-335	-15.0k	0.120	-0.91m	8.12m	1.78k	9.14k	-162
1	37 -478	569 1	65	1	0.112	-14.7m	0.80m	-849	-148	-717	-498	-1.75k	0.151	-1.32m	3.57m	-586	67.9m	-664
1	37 -368	437 2	65	1	86.0m	-11.3m	0.61m	-653	-114	-552	-383	-1.34k	0.116	-1.02m	2.75m	-451	52.3m	-511
1	37 -368	437 3	65	1	86.0m	-11.3m	0.61m	-653	-114	-552	-383	-1.34k	0.116	-1.02m	2.75m	-451	52.3m	-511
1	37 -368	437 4	65	1	86.0m	-11.3m	0.61m	-653	-114	-552	-383	-1.34k	0.116	-1.02m	2.75m	-451	52.3m	-511
1	37 -312	466 7	65	1	83.8m	-11.6m	0.55m	-629	-109	-536	-339	-1.27k	0.119	-0.96m	3.05m	-429	66.7m	-494
1	37 -262	492 8	65	1	81.8m	-11.9m	0.50m	-608	-104	-523	-301	-1.20k	0.121	-0.90m	3.31m	-410	79.7m	-479
1	37 -524	658 1	70	1	0.113	-14.9m	0.48m	-957	-178	-823	-583	-1.63k	0.153	-1.24m	2.71m	-702	0.256	-780
1	37 -403	506 2	70	1	87.3m	-11.5m	0.37m	-736	-137	-633	-448	-1.26k	0.117	-0.95m	2.09m	-540	0.197	-600
1	37 -403	506 3	70	1	87.3m	-11.5m	0.37m	-736	-137	-633	-448	-1.26k	0.117	-0.95m	2.09m	-540	0.197	-600
1	37 -403	506 4	70	1	87.3m	-11.5m	0.37m	-736	-137	-633	-448	-1.26k	0.117	-0.95m	2.09m	-540	0.197	-600
1	37 -336	532 7	70	1	85.1m	-11.8m	0.31m	-714	-126	-617	-403	-1.18k	0.120	-0.90m	2.38m	-525	0.206	-584
1	37 -275	556 8	70	1	83.3m	-12.0m	0.26m	-695	-122	-603	-362	-1.11k	0.123	-0.85m	2.64m	-511	0.215	-569
1	37 -543	-11.4k 1	70	0	17.9m	-53.2m	5.59m	504	3.73k	-551	-572	-20.0k	53.1m	-38.8m	9.65m	2.14k	11.1k	-291
1	37 -418	-8.77k 2	70	0	13.8m	-40.9m	4.30m	387	2.87k	-424	-440	-15.4k	40.8m	-29.9m	7.42m	1.64k	8.52k	-224
1	37 -418	-8.77k 3	70	0	13.8m	-40.9m	4.30m	387	2.87k	-424	-440	-15.4k	40.8m	-29.9m	7.42m	1.64k	8.52k	-224
1	37 -418	-8.77k 4	70	0	13.8m	-40.9m	4.30m	387	2.87k	-424	-440	-15.4k	40.8m	-29.9m	7.42m	1.64k	8.52k	-224
1	37 -400	-8.55k 7	70	0	13.3m	-41.9m	3.69m	400	2.95k	-411	-426	-15.2k	41.9m	-29.1m	8.16m	1.69k	8.76k	-216
1	37 -376	-8.37k 8	70	0	12.8m	-42.8m	3.16m	411	3.01k	-399	-416	-15.0k	42.9m	-28.5m	8.81m	1.73k	8.96k	-210
1	37 -463	-11.5k 1	65	0	17.6m	-52.3m	6.24m	575	3.90k	-455	-499	-20.0k	52.1m	-38.1m	8.21m	2.17k	11.2k	-257
1	37 -357	-8.83k 2	65	0	13.5m	-40.3m	4.80m	442	3.00k	-350	-384	-15.4k	40.1m	-29.3m	6.31m	1.67k	8.64k	-198
1	37 -357	-8.83k 3	65	0	13.5m	-40.3m	4.80m	442	3.00k	-350	-384	-15.4k	40.1m	-29.3m	6.31m	1.67k	8.64k	-198
1	37 -357	-8.83k 4	65	0	13.5m	-40.3m	4.80m	442	3.00k	-350	-384	-15.4k	40.1m	-29.3m	6.31m	1.67k	8.64k	-198
1	37 -340	-8.61k 7	65	0	13.0m	-41.2m	4.06m	458	3.08k	-338	-372	-15.2k	41.3m	-28.6m	7.05m	1.72k	8.87k	-190
1	37 -325	-8.42k 8	65	0	12.5m	-42.1m	3.41m	473	3.14k	-327	-362	-15.0k	42.3m	-28.0m	7.70m	1.76k	9.08k	-184
1	37 -485	597 1	-	-	17.8m	-52.6m	0.82m	-884	-161	-766	-567	-20.0k	0.151	-1.29m	7.94m	2.15k	11.1k	-277
1	37 -485	597 2	-	-	13.7m	-40.5m	0.63m	-680	-124	-589	-436	-15.4k	0.116	-1.00m	6.11m	1.65k	8.57k	-213

1	-373 37	459 3	-	-	13.7m	-40.5m	0.63m	-680	-124	-589	-436	-15.4k	0.116	-1.00m	6.11m	1.65k	8.57k	-213	
1	-373 37	459 4	-	-	13.7m	-40.5m	0.63m	-680	-124	-589	-436	-15.4k	0.116	-1.00m	6.11m	1.65k	8.57k	-213	
1	-373 37	459 7	-	-	13.2m	-41.5m	0.57m	-656	-114	-574	-415	-15.2k	0.119	-0.94m	6.84m	1.70k	8.80k	-206	
1	-328 37	487 8	-	-	12.7m	-42.3m	0.51m	-634	-110	-560	-396	-15.1k	0.122	-0.88m	7.50m	1.74k	9.00k	-200	
1	-271 38	512 1	70	1	0.113	-15.1m	0.19m	-1.22k	-235	-1.09k	-727	-1.63k	0.155	-1.24m	2.71m	-702	0.815	-798	
1	-538 38	862 2	70	1	87.3m	-11.6m	0.15m	-938	-181	-838	-559	-1.26k	0.119	-0.95m	2.09m	-540	0.627	-614	
1	-414 38	663 3	70	1	87.3m	-11.6m	0.15m	-938	-181	-838	-559	-1.26k	0.119	-0.95m	2.09m	-540	0.627	-614	
1	-414 38	663 4	70	1	87.3m	-11.6m	0.15m	-938	-181	-838	-559	-1.26k	0.119	-0.95m	2.09m	-540	0.627	-614	
1	-414 38	663 7	70	1	85.1m	-11.9m	91.2μ	-904	-172	-821	-528	-1.18k	0.122	-0.90m	2.38m	-525	0.649	-598	
1	-346 38	684 8	70	1	83.3m	-12.2m	42.1μ	-874	-164	-806	-501	-1.11k	0.124	-0.85m	2.64m	-511	0.669	-583	
1	-286 38	703 1	75	1	0.114	-17.3m	-3.73m	-1.99k	-660	-2.01k	-705	-644	0.158	-1.10m	0.33m	-1.50k	0.778	-1.60k	
1	-442 38	1.40k 2	75	1	87.9m	-13.3m	-2.87m	-1.53k	-508	-1.55k	-542	-495	0.121	-0.85m	0.25m	-1.16k	0.599	-1.23k	
1	-340 38	1.08k 3	75	1	87.9m	-13.3m	-2.87m	-1.53k	-508	-1.55k	-542	-495	0.121	-0.85m	0.25m	-1.16k	0.599	-1.23k	
1	-340 38	1.08k 4	75	1	87.9m	-13.3m	-2.87m	-1.53k	-508	-1.55k	-542	-495	0.121	-0.85m	0.25m	-1.16k	0.599	-1.23k	
1	-340 38	1.08k 7	75	1	86.2m	-13.6m	-3.10m	-1.50k	-492	-1.52k	-500	-438	0.124	-0.80m	0.37m	-1.13k	0.631	-1.21k	
1	-280 38	1.10k 8	75	1	84.7m	-13.8m	-3.31m	-1.47k	-479	-1.50k	-462	-387	0.126	-0.76m	0.48m	-1.11k	0.659	-1.19k	
1	-225 38	1.12k 1	75	0	19.4m	-62.7m	-4.74m	-180	1.98k	-1.53k	-1.73k	-19.5k	55.8m	-44.9m	61.5μ	1.76k	9.56k	-637	-
1.19k	-9.81k 38	2	75	0	14.9m	-48.2m	-3.64m	-139	1.52k	-1.18k	-1.33k	-15.0k	42.9m	-34.5m	47.3μ	1.36k	7.35k	-490	
1	-917 38	-7.55k 3	75	0	14.9m	-48.2m	-3.64m	-139	1.52k	-1.18k	-1.33k	-15.0k	42.9m	-34.5m	47.3μ	1.36k	7.35k	-490	
1	-917 38	-7.55k 4	75	0	14.9m	-48.2m	-3.64m	-139	1.52k	-1.18k	-1.33k	-15.0k	42.9m	-34.5m	47.3μ	1.36k	7.35k	-490	
1	-917 38	-7.55k 7	75	0	14.5m	-49.3m	-4.12m	-127	1.58k	-1.16k	-1.30k	-14.8k	43.8m	-33.8m	0.61m	1.40k	7.56k	-485	
1	-894 38	-7.36k 8	75	0	14.1m	-50.1m	-4.54m	-117	1.63k	-1.15k	-1.27k	-14.7k	44.5m	-33.1m	1.12m	1.43k	7.75k	-480	
1	-875 38	-7.19k 1	70	0	18.6m	-55.5m	4.02m	451	3.60k	-625	-761	-20.0k	53.7m	-38.8m	7.09m	2.12k	11.0k	-314	
1	-568 38	-11.3k 2	70	0	14.3m	-42.7m	3.09m	347	2.77k	-481	-585	-15.4k	41.3m	-29.9m	5.45m	1.63k	8.48k	-242	
1	-437 38	-8.72k 3	70	0	14.3m	-42.7m	3.09m	347	2.77k	-481	-585	-15.4k	41.3m	-29.9m	5.45m	1.63k	8.48k	-242	
1	-437 38	-8.72k 4	70	0	14.3m	-42.7m	3.09m	347	2.77k	-481	-585	-15.4k	41.3m	-29.9m	5.45m	1.63k	8.48k	-242	
1	-437 38	-8.72k 7	70	0	13.8m	-43.7m	2.45m	358	2.85k	-468	-570	-15.2k	42.3m	-29.1m	6.17m	1.68k	8.72k	-234	
1	-415 38	-8.50k 8	70	0	13.4m	-44.6m	1.88m	368	2.91k	-457	-557	-15.0k	43.3m	-28.5m	6.81m	1.72k	8.92k	-228	
1	-391 38	-8.32k 1	-	-	19.9m	-58.9m	-4.90m	-1.59k	-575	-1.96k	-1.17k	-19.9k	0.156	-1.43m	4.93m	1.96k	10.4k	-459	
1	-561 38	1.17k 2	-	-	15.3m	-45.3m	-3.77m	-1.22k	-443	-1.50k	-899	-15.3k	0.120	-1.10m	3.79m	1.51k	7.99k	-353	
1	-432 38	897 3	-	-	15.3m	-45.3m	-3.77m	-1.22k	-443	-1.50k	-899	-15.3k	0.120	-1.10m	3.79m	1.51k	7.99k	-353	
1	-432 38	897 4	-	-	15.3m	-45.3m	-3.77m	-1.22k	-443	-1.50k	-899	-15.3k	0.120	-1.10m	3.79m	1.51k	7.99k	-353	
1	-432 38	897 7	-	-	14.9m	-46.3m	-4.14m	-1.19k	-428	-1.48k	-872	-15.1k	0.123	-1.05m	4.34m	1.56k	8.22k	-346	
1	-378 38	915 8	-	-	14.5m	-47.2m	-4.53m	-1.16k	-415	-1.46k	-849	-15.0k	0.125	-1.00m	4.83m	1.59k	8.42k	-341	
1	-331 39	930 1	75	1	0.113	-17.9m	-6.23m	-2.07k	-696	-2.40k	-584	-455	0.157	-1.13m	-0.80m	-1.60k	0.570	-1.99k	
1	289 39	1.43k 2	75	1	86.7m	-13.8m	-4.79m	-1.59k	-535	-1.85k	-449	-350	0.121	-0.87m	-0.62m	-1.23k	0.439	-1.53k	
1	223 39	1.10k 3	75	1	86.7m	-13.8m	-4.79m	-1.59k	-535	-1.85k	-449	-350	0.121	-0.87m	-0.62m	-1.23k	0.439	-1.53k	
1	223 39	1.10k 4	75	1	86.7m	-13.8m	-4.79m	-1.59k	-535	-1.85k	-449	-350	0.121	-0.87m	-0.62m	-1.23k	0.439	-1.53k	
1	223 39	1.10k 7	75	1	85.0m	-14.1m	-5.03m	-1.55k	-520	-1.82k	-416	-296	0.123	-0.82m	-0.57m	-1.21k	0.453	-1.50k	
1	252 39	1.13k 8	75	1	83.6m	-14.3m	-5.25m	-1.51k	-507	-1.80k	-386	-248	0.125	-0.78m	-0.53m	-1.19k	0.466	-1.48k	
1	278 39	1.15k 1	80	1	87.9m	-17.5m	-19.8m	-1.03k	-168	-2.77k	3.04k	-556	0.122	-2.30m	-3.71m	1.18k	189	-2.49k	
1	7.13k 39	1.32k 2	80	1	67.6m	-13.4m	-15.3m	-792	-129	-2.13k	2.34k	-428	93.8m	-1.77m	-2.85m	905	145	-1.92k	
1	5.48k 39	1.01k 3	80	1	67.6m	-13.4m	-15.3m	-792	-129	-2.13k	2.34k	-428	93.8m	-1.77m	-2.85m	905	145	-1.92k	
1	5.48k 39	1.01k 4	80	1	67.6m	-13.4m	-15.3m	-792	-129	-2.13k	2.34k	-428	93.8m	-1.77m	-2.85m	905	145	-1.92k	
1	5.48k 39	1.01k 7	80	1	66.4m	-13.7m	-15.6m	-765	-124	-2.10k	2.39k	-411	95.7m	-1.72m	-2.79m	949	151	-1.87k	
1	5.55k 39	1.05k 8	80	1	65.3m	-14.0m	-15.9m	-742	-119	-2.08k	2.43k	-397	97.4m	-1.67m	-2.73m	987	156	-1.83k	
1	5.60k 39	1.08k 1	80	0	27.0m	-70.1m	-26.2m	-601	-499	-2.76k	-4.12k	-12.2k	71.2m	-42.1m	-13.2m	506	3.72k	-1.49k	
1	1.67k 39	-325 2	80	0	20.8m	-53.9m	-20.1m	-462	-384	-2.12k	-3.17k	-9.40k	54.8m	-32.4m	-10.2m	389	2.86k	-1.15k	

1	1.28k	-250	3	80	0	20.8m	-53.9m	-20.1m	-462	-384	-2.12k	-3.17k	-9.40k	54.8m	-32.4m	-10.2m	389	2.86k	-1.15k	
1	1.28k	-250	4	80	0	20.8m	-53.9m	-20.1m	-462	-384	-2.12k	-3.17k	-9.40k	54.8m	-32.4m	-10.2m	389	2.86k	-1.15k	
1	1.28k	-250	7	80	0	20.3m	-54.9m	-20.8m	-454	-355	-2.10k	-3.13k	-9.29k	55.4m	-31.7m	-9.57m	412	2.98k	-1.14k	
1	1.31k	-170	8	80	0	19.9m	-55.8m	-21.3m	-446	-329	-2.09k	-3.10k	-9.19k	55.9m	-31.1m	-9.03m	432	3.08k	-1.13k	
1	1.33k	-99.7	1	75	0	19.1m	-67.1m	-8.82m	-285	1.67k	-1.70k	-2.37k	-18.7k	56.5m	-46.1m	-4.27m	1.52k	8.54k	-852	-
1	1.27k	-9.37k	2	75	0	14.7m	-51.6m	-6.78m	-219	1.29k	-1.31k	-1.82k	-14.4k	43.5m	-35.5m	-3.29m	1.17k	6.57k	-655	
1	-976	-7.20k	3	75	0	14.7m	-51.6m	-6.78m	-219	1.29k	-1.31k	-1.82k	-14.4k	43.5m	-35.5m	-3.29m	1.17k	6.57k	-655	
1	-976	-7.20k	4	75	0	14.7m	-51.6m	-6.78m	-219	1.29k	-1.31k	-1.82k	-14.4k	43.5m	-35.5m	-3.29m	1.17k	6.57k	-655	
1	-976	-7.20k	7	75	0	14.2m	-52.6m	-7.30m	-207	1.34k	-1.30k	-1.79k	-14.2k	44.3m	-34.7m	-2.74m	1.20k	6.76k	-650	
1	-953	-7.02k	8	75	0	13.9m	-53.5m	-7.76m	-196	1.39k	-1.28k	-1.76k	-14.1k	45.1m	-34.1m	-2.25m	1.24k	6.93k	-645	
1	-932	-6.86k	1	-	-	22.2m	-70.0m	-26.1m	-1.93k	-731	-2.87k	-3.50k	-16.5k	0.142	-2.02m	-2.41m	1.06k	6.41k	-1.17k	
1	5.61k	1.74k	2	-	-	17.1m	-53.8m	-20.1m	-1.48k	-563	-2.21k	-2.69k	-12.7k	0.109	-1.56m	-1.85m	815	4.93k	-897	
1	4.31k	1.34k	3	-	-	17.1m	-53.8m	-20.1m	-1.48k	-563	-2.21k	-2.69k	-12.7k	0.109	-1.56m	-1.85m	815	4.93k	-897	
1	4.31k	1.34k	4	-	-	17.1m	-53.8m	-20.1m	-1.48k	-563	-2.21k	-2.69k	-12.7k	0.109	-1.56m	-1.85m	815	4.93k	-897	
1	4.31k	1.34k	7	-	-	16.6m	-54.9m	-20.7m	-1.45k	-537	-2.18k	-2.65k	-12.5k	0.111	-1.51m	-1.80m	846	5.09k	-891	
1	4.36k	1.39k	8	-	-	16.2m	-55.7m	-21.2m	-1.41k	-524	-2.16k	-2.61k	-12.4k	0.113	-1.46m	-1.75m	873	5.23k	-885	
1	4.40k	1.44k	1	80	1	80.0m	-15.2m	-19.8m	602	-4.03	-2.61k	6.43k	-1.29k	93.6m	-2.76m	-4.57m	2.68k	423	-2.20k	
1	9.65k	1.32k	2	80	1	61.5m	-11.7m	-15.3m	463	-3.10	-2.01k	4.95k	-990	72.0m	-2.12m	-3.51m	2.06k	325	-1.69k	
1	7.42k	1.02k	3	80	1	61.5m	-11.7m	-15.3m	463	-3.10	-2.01k	4.95k	-990	72.0m	-2.12m	-3.51m	2.06k	325	-1.69k	
1	7.42k	1.02k	4	80	1	61.5m	-11.7m	-15.3m	463	-3.10	-2.01k	4.95k	-990	72.0m	-2.12m	-3.51m	2.06k	325	-1.69k	
1	7.42k	1.02k	7	80	1	59.7m	-12.0m	-15.6m	484	-3.06	-1.98k	5.00k	-971	73.8m	-2.06m	-3.43m	2.11k	334	-1.65k	
1	7.50k	1.05k	8	80	1	58.1m	-12.3m	-15.9m	503	-3.01	-1.96k	5.04k	-954	75.4m	-2.00m	-3.35m	2.16k	341	-1.61k	
1	7.57k	1.08k	1	85	1	33.2m	-8.04m	-16.6m	8.35k	8.60	-1.00k	15.4k	-11.4k	83.1m	4.59m	1.06m	12.6k	2.51k	-312	
1	21.2k	2.62k	2	85	1	25.6m	-6.19m	-12.7m	6.42k	6.61	-773	11.8k	-8.79k	63.9m	3.53m	0.82m	9.72k	1.93k	-240	
1	16.3k	2.01k	3	85	1	25.6m	-6.19m	-12.7m	6.42k	6.61	-773	11.8k	-8.79k	63.9m	3.53m	0.82m	9.72k	1.93k	-240	
1	16.3k	2.01k	4	85	1	25.6m	-6.19m	-12.7m	6.42k	6.61	-773	11.8k	-8.79k	63.9m	3.53m	0.82m	9.72k	1.93k	-240	
1	16.3k	2.01k	7	85	1	22.7m	-6.41m	-13.5m	6.48k	7.02	-744	12.0k	-8.70k	65.2m	3.73m	1.15m	9.86k	1.95k	-209	
1	16.5k	2.09k	8	85	1	20.1m	-6.61m	-14.2m	6.54k	7.26	-719	12.2k	-8.61k	66.4m	3.91m	1.44m	9.98k	1.97k	-183	
1	16.8k	2.16k	1	85	0	38.0m	33.4m	-37.0m	360	-2.95k	-1.06k	11.9k	6.04k	84.4m	0.143	-3.30m	7.14k	1.28k	-266	
1	23.1k	16.2k	2	85	0	29.3m	25.7m	-28.4m	277	-2.27k	-817	9.12k	4.64k	64.9m	0.110	-2.54m	5.49k	986	-205	
1	17.8k	12.5k	3	85	0	29.3m	25.7m	-28.4m	277	-2.27k	-817	9.12k	4.64k	64.9m	0.110	-2.54m	5.49k	986	-205	
1	17.8k	12.5k	4	85	0	29.3m	25.7m	-28.4m	277	-2.27k	-817	9.12k	4.64k	64.9m	0.110	-2.54m	5.49k	986	-205	
1	17.8k	12.5k	7	85	0	28.5m	25.0m	-29.4m	282	-2.25k	-806	9.20k	4.67k	65.4m	0.111	-1.85m	5.53k	993	-191	
1	17.9k	12.6k	8	85	0	27.9m	24.4m	-30.2m	287	-2.23k	-800	9.27k	4.70k	65.8m	0.111	-1.19m	5.56k	1.00k	-179	
1	18.0k	12.7k	1	80	0	37.3m	-62.1m	-27.4m	-384	-667	-2.74k	-4.01k	-5.59k	72.1m	-37.4m	-17.3m	3.15	883	-1.75k	
1	2.43k	1.24k	2	80	0	28.7m	-47.7m	-21.1m	-295	-513	-2.11k	-3.08k	-4.30k	55.4m	-28.8m	-13.3m	2.42	680	-1.35k	
1	1.87k	951	3	80	0	28.7m	-47.7m	-21.1m	-295	-513	-2.11k	-3.08k	-4.30k	55.4m	-28.8m	-13.3m	2.42	680	-1.35k	
1	1.87k	951	4	80	0	28.7m	-47.7m	-21.1m	-295	-513	-2.11k	-3.08k	-4.30k	55.4m	-28.8m	-13.3m	2.42	680	-1.35k	
1	1.87k	951	7	80	0	28.3m	-48.7m	-21.7m	-286	-473	-2.08k	-3.04k	-4.19k	56.0m	-28.1m	-12.6m	18.5	762	-1.34k	
1	1.90k	1.04k	8	80	0	28.0m	-49.6m	-22.3m	-277	-437	-2.07k	-3.00k	-4.10k	56.5m	-27.5m	-11.9m	32.5	834	-1.33k	
1	1.92k	1.11k	1	-	-	47.3m	-39.5m	-33.5m	-219	-2.55k	-2.80k	-3.52k	-4.01k	84.6m	36.2m	0.29m	10.1k	2.26k	-382	
1	17.7k	11.3k	2	-	-	36.4m	-30.3m	-25.8m	-168	-1.96k	-2.15k	-2.71k	-3.08k	65.0m	27.8m	0.22m	7.80k	1.74k	-294	
1	13.6k	8.69k	3	-	-	36.4m	-30.3m	-25.8m	-168	-1.96k	-2.15k	-2.71k	-3.08k	65.0m	27.8m	0.22m	7.80k	1.74k	-294	
1	13.6k	8.69k	4	-	-	36.4m	-30.3m	-25.8m	-168	-1.96k	-2.15k	-2.71k	-3.08k	65.0m	27.8m	0.22m	7.80k	1.74k	-294	
1	13.6k	8.69k	7	-	-	36.0m	-31.2m	-26.8m	-160	-1.93k	-2.13k	-2.67k	-3.05k	66.1m	28.5m	0.63m	7.88k	1.75k	-261	
1	13.7k	8.79k	8	-	-	35.7m	-32.0m	-27.7m	-154	-1.91k	-2.11k	-2.63k	-3.01k	67.0m	29.0m	0.99m	7.94k	1.77k	-233	
1	13.8k	8.88k																		

— Involuppo sollecitazioni

– Piano 0. Involuppo Reazioni Vincolari

Nodo	Fam Mz Cmb. [Nm]	Min						Max				
		Fx	Fy	Fz	Mx	My	Mz	Fx	Fy	Fz	Mx	My
		[N]	[N]	[N]	[Nm]	[Nm]	[Nm]	[N]	[N]	[N]	[Nm]	[Nm]
1	1	-2.98k	-1.48k	0	0	0	0	-2.98k	-1.48k	0	0	
	0	0										
1	2	-2.30k	-1.14k	0	0	0	0	-2.30k	-1.14k	0	0	
	0	0										
1	3	-2.30k	-1.14k	0	0	0	0	-2.30k	-1.14k	0	0	
	0	0										
1	4	-2.30k	-1.14k	0	0	0	0	-2.30k	-1.14k	0	0	
	0	0										
1	5	-2.30k	-1.14k	0	0	0	0	-2.30k	-1.14k	0	0	
	0	0										
1	6	-2.34k	-1.19k	0	0	0	0	-2.25k	-1.08k	0	0	
	0	0										
1	7	-2.34k	-1.20k	0	0	0	0	-2.25k	-1.08k	0	0	
	0	0										
1	8	-2.38k	-1.25k	0	0	0	0	-2.21k	-1.02k	0	0	
	0	0										
2	1	-1.76k	2.44k	0	0	0	0	-1.76k	2.44k	0	0	
	0	0										
2	2	-1.35k	1.87k	0	0	0	0	-1.35k	1.87k	0	0	
	0	0										
2	3	-1.35k	1.87k	0	0	0	0	-1.35k	1.87k	0	0	
	0	0										
2	4	-1.35k	1.87k	0	0	0	0	-1.35k	1.87k	0	0	
	0	0										
2	5	-1.35k	1.87k	0	0	0	0	-1.35k	1.87k	0	0	
	0	0										
2	6	-1.40k	1.84k	0	0	0	0	-1.30k	1.91k	0	0	
	0	0										
2	7	-1.41k	1.83k	0	0	0	0	-1.29k	1.92k	0	0	
	0	0										
2	8	-1.46k	1.80k	0	0	0	0	-1.24k	1.95k	0	0	
	0	0										
3	1	-70.7	3.76k	0	0	0	0	-70.7	3.76k	0	0	
	0	0										
3	2	-54.4	2.89k	0	0	0	0	-54.4	2.89k	0	0	
	0	0										
3	3	-54.4	2.89k	0	0	0	0	-54.4	2.89k	0	0	
	0	0										
3	4	-54.4	2.89k	0	0	0	0	-54.4	2.89k	0	0	
	0	0										
3	5	-54.4	2.89k	0	0	0	0	-54.4	2.89k	0	0	
	0	0										
3	6	-118	2.84k	0	0	0	0	9.50	2.95k	0	0	
	0	0										
3	7	-124	2.83k	0	0	0	0	15.6	2.96k	0	0	
	0	0										
3	8	-185	2.77k	0	0	0	0	76.5	3.01k	0	0	
	0	0										
4	1	1.77k	2.91k	0	0	0	0	1.77k	2.91k	0	0	
	0	0										
4	2	1.36k	2.24k	0	0	0	0	1.36k	2.24k	0	0	
	0	0										
4	3	1.36k	2.24k	0	0	0	0	1.36k	2.24k	0	0	
	0	0										
4	4	1.36k	2.24k	0	0	0	0	1.36k	2.24k	0	0	
	0	0										
4	5	1.36k	2.24k	0	0	0	0	1.36k	2.24k	0	0	
	0	0										
4	6	1.30k	2.20k	0	0	0	0	1.42k	2.28k	0	0	
	0	0										
4	7	1.30k	2.19k	0	0	0	0	1.42k	2.28k	0	0	
	0	0										
4	8	1.24k	2.15k	0	0	0	0	1.48k	2.33k	0	0	
	0	0										

5	1	3.05k	-1.70k	0	0	0	0	3.05k	-1.70k	0	0
	0	0									
5	2	2.35k	-1.31k	0	0	0	0	2.35k	-1.31k	0	0
	0	0									
5	3	2.35k	-1.31k	0	0	0	0	2.35k	-1.31k	0	0
	0	0									
5	4	2.35k	-1.31k	0	0	0	0	2.35k	-1.31k	0	0
	0	0									
5	5	2.35k	-1.31k	0	0	0	0	2.35k	-1.31k	0	0
	0	0									
5	6	2.31k	-1.36k	0	0	0	0	2.39k	-1.25k	0	0
	0	0									
5	7	2.30k	-1.37k	0	0	0	0	2.40k	-1.24k	0	0
	0	0									
5	8	2.26k	-1.42k	0	0	0	0	2.44k	-1.19k	0	0
	0	0									
6	1	-900	-1.27k	0	0	0	0	-900	-1.27k	0	0
	0	0									
6	2	-692	-978	0	0	0	0	-692	-978	0	0
	0	0									
6	3	-692	-978	0	0	0	0	-692	-978	0	0
	0	0									
6	4	-692	-978	0	0	0	0	-692	-978	0	0
	0	0									
6	5	-692	-978	0	0	0	0	-692	-978	0	0
	0	0									
6	6	-721	-1.05k	0	0	0	0	-663	-910	0	0
	0	0									
6	7	-725	-1.06k	0	0	0	0	-659	-900	0	0
	0	0									
6	8	-754	-1.13k	0	0	0	0	-630	-830	0	0
	0	0									
7	1	0	0	0	0	0	0	0	0	0	0
	0	0									
7	2	0	0	0	0	0	0	0	0	0	0
	0	0									
7	3	0	0	0	0	0	0	0	0	0	0
	0	0									
7	4	0	0	0	0	0	0	0	0	0	0
	0	0									
7	5	0	0	0	0	0	0	0	0	0	0
	0	0									
7	6	0	0	0	0	0	0	0	0	0	0
	0	0									
7	7	0	0	0	0	0	0	0	0	0	0
	0	0									
7	8	0	0	0	0	0	0	0	0	0	0
	0	0									
8	1	0	0	0	0	0	0	0	0	0	0
	0	0									
8	2	0	0	0	0	0	0	0	0	0	0
	0	0									
8	3	0	0	0	0	0	0	0	0	0	0
	0	0									
8	4	0	0	0	0	0	0	0	0	0	0
	0	0									
8	5	0	0	0	0	0	0	0	0	0	0
	0	0									
8	6	0	0	0	0	0	0	0	0	0	0
	0	0									
8	7	0	0	0	0	0	0	0	0	0	0
	0	0									
8	8	0	0	0	0	0	0	0	0	0	0
	0	0									
9	1	0	0	0	0	0	0	0	0	0	0
	0	0									
9	2	0	0	0	0	0	0	0	0	0	0
	0	0									
9	3	0	0	0	0	0	0	0	0	0	0
	0	0									
9	4	0	0	0	0	0	0	0	0	0	0
	0	0									

9	5	0	0	0	0	0	0	0	0	0	0
	0	0									
9	6	0	0	0	0	0	0	0	0	0	0
	0	0									
9	7	0	0	0	0	0	0	0	0	0	0
	0	0									
9	8	0	0	0	0	0	0	0	0	0	0
	0	0									
10	1	871	-1.28k	0	0	0	0	871	-1.28k	0	0
	0	0									
10	2	670	-983	0	0	0	0	670	-983	0	0
	0	0									
10	3	670	-983	0	0	0	0	670	-983	0	0
	0	0									
10	4	670	-983	0	0	0	0	670	-983	0	0
	0	0									
10	5	670	-983	0	0	0	0	670	-983	0	0
	0	0									
10	6	640	-1.05k	0	0	0	0	700	-917	0	0
	0	0									
10	7	636	-1.06k	0	0	0	0	704	-908	0	0
	0	0									
10	8	607	-1.12k	0	0	0	0	734	-842	0	0
	0	0									
11	1	3.60k	-375	0	0	0	0	3.60k	-375	0	0
	0	0									
11	2	2.77k	-288	0	0	0	0	2.77k	-288	0	0
	0	0									
11	3	2.77k	-288	0	0	0	0	2.77k	-288	0	0
	0	0									
11	4	2.77k	-288	0	0	0	0	2.77k	-288	0	0
	0	0									
11	5	2.77k	-288	0	0	0	0	2.77k	-288	0	0
	0	0									
11	6	2.73k	-339	0	0	0	0	2.81k	-238	0	0
	0	0									
11	7	2.72k	-348	0	0	0	0	2.81k	-229	0	0
	0	0									
11	8	2.69k	-401	0	0	0	0	2.85k	-175	0	0
	0	0									
12	1	0	0	0	0	0	0	0	0	0	0
	0	0									
12	2	0	0	0	0	0	0	0	0	0	0
	0	0									
12	3	0	0	0	0	0	0	0	0	0	0
	0	0									
12	4	0	0	0	0	0	0	0	0	0	0
	0	0									
12	5	0	0	0	0	0	0	0	0	0	0
	0	0									
12	6	0	0	0	0	0	0	0	0	0	0
	0	0									
12	7	0	0	0	0	0	0	0	0	0	0
	0	0									
12	8	0	0	0	0	0	0	0	0	0	0
	0	0									
13	1	0	0	0	0	0	0	0	0	0	0
	0	0									
13	2	0	0	0	0	0	0	0	0	0	0
	0	0									
13	3	0	0	0	0	0	0	0	0	0	0
	0	0									
13	4	0	0	0	0	0	0	0	0	0	0
	0	0									
13	5	0	0	0	0	0	0	0	0	0	0
	0	0									
13	6	0	0	0	0	0	0	0	0	0	0
	0	0									
13	7	0	0	0	0	0	0	0	0	0	0
	0	0									
13	8	0	0	0	0	0	0	0	0	0	0
	0	0									

14	1	0	0	0	0	0	0	0	0	0	0
	0	0									
14	2	0	0	0	0	0	0	0	0	0	0
	0	0									
14	3	0	0	0	0	0	0	0	0	0	0
	0	0									
14	4	0	0	0	0	0	0	0	0	0	0
	0	0									
14	5	0	0	0	0	0	0	0	0	0	0
	0	0									
14	6	0	0	0	0	0	0	0	0	0	0
	0	0									
14	7	0	0	0	0	0	0	0	0	0	0
	0	0									
14	8	0	0	0	0	0	0	0	0	0	0
	0	0									
15	1	-3.60k	-374	0	0	0	0	-3.60k	-374	0	0
	0	0									
15	2	-2.77k	-288	0	0	0	0	-2.77k	-288	0	0
	0	0									
15	3	-2.77k	-288	0	0	0	0	-2.77k	-288	0	0
	0	0									
15	4	-2.77k	-288	0	0	0	0	-2.77k	-288	0	0
	0	0									
15	5	-2.77k	-288	0	0	0	0	-2.77k	-288	0	0
	0	0									
15	6	-2.81k	-333	0	0	0	0	-2.73k	-242	0	0
	0	0									
15	7	-2.81k	-342	0	0	0	0	-2.73k	-234	0	0
	0	0									
15	8	-2.85k	-390	0	0	0	0	-2.69k	-186	0	0
	0	0									
16	1	3.42k	247	0	0	0	0	3.42k	247	0	0
	0	0									
16	2	2.63k	190	0	0	0	0	2.63k	190	0	0
	0	0									
16	3	2.63k	190	0	0	0	0	2.63k	190	0	0
	0	0									
16	4	2.63k	190	0	0	0	0	2.63k	190	0	0
	0	0									
16	5	2.63k	190	0	0	0	0	2.63k	190	0	0
	0	0									
16	6	2.59k	146	0	0	0	0	2.67k	233	0	0
	0	0									
16	7	2.59k	138	0	0	0	0	2.68k	241	0	0
	0	0									
16	8	2.55k	91.7	0	0	0	0	2.71k	288	0	0
	0	0									
17	1	0	0	0	0	0	0	0	0	0	0
	0	0									
17	2	0	0	0	0	0	0	0	0	0	0
	0	0									
17	3	0	0	0	0	0	0	0	0	0	0
	0	0									
17	4	0	0	0	0	0	0	0	0	0	0
	0	0									
17	5	0	0	0	0	0	0	0	0	0	0
	0	0									
17	6	0	0	0	0	0	0	0	0	0	0
	0	0									
17	7	0	0	0	0	0	0	0	0	0	0
	0	0									
17	8	0	0	0	0	0	0	0	0	0	0
	0	0									
18	1	0	0	0	0	0	0	0	0	0	0
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18	2	0	0	0	0	0	0	0	0	0	0
	0	0									
18	3	0	0	0	0	0	0	0	0	0	0
	0	0									
18	4	0	0	0	0	0	0	0	0	0	0
	0	0									

18	5	0	0	0	0	0	0	0	0	0	0
	0	0									
18	6	0	0	0	0	0	0	0	0	0	0
	0	0									
18	7	0	0	0	0	0	0	0	0	0	0
	0	0									
18	8	0	0	0	0	0	0	0	0	0	0
	0	0									
19	1	0	0	0	0	0	0	0	0	0	0
	0	0									
19	2	0	0	0	0	0	0	0	0	0	0
	0	0									
19	3	0	0	0	0	0	0	0	0	0	0
	0	0									
19	4	0	0	0	0	0	0	0	0	0	0
	0	0									
19	5	0	0	0	0	0	0	0	0	0	0
	0	0									
19	6	0	0	0	0	0	0	0	0	0	0
	0	0									
19	7	0	0	0	0	0	0	0	0	0	0
	0	0									
19	8	0	0	0	0	0	0	0	0	0	0
	0	0									
20	1	-3.42k	246	0	0	0	0	-3.42k	246	0	0
	0	0									
20	2	-2.63k	189	0	0	0	0	-2.63k	189	0	0
	0	0									
20	3	-2.63k	189	0	0	0	0	-2.63k	189	0	0
	0	0									
20	4	-2.63k	189	0	0	0	0	-2.63k	189	0	0
	0	0									
20	5	-2.63k	189	0	0	0	0	-2.63k	189	0	0
	0	0									
20	6	-2.67k	149	0	0	0	0	-2.59k	230	0	0
	0	0									
20	7	-2.68k	142	0	0	0	0	-2.59k	237	0	0
	0	0									
20	8	-2.71k	99.5	0	0	0	0	-2.55k	279	0	0
	0	0									
21	1	2.96k	281	0	0	0	0	2.96k	281	0	0
	0	0									
21	2	2.28k	216	0	0	0	0	2.28k	216	0	0
	0	0									
21	3	2.28k	216	0	0	0	0	2.28k	216	0	0
	0	0									
21	4	2.28k	216	0	0	0	0	2.28k	216	0	0
	0	0									
21	5	2.28k	216	0	0	0	0	2.28k	216	0	0
	0	0									
21	6	2.25k	178	0	0	0	0	2.31k	254	0	0
	0	0									
21	7	2.24k	172	0	0	0	0	2.32k	260	0	0
	0	0									
21	8	2.21k	132	0	0	0	0	2.35k	300	0	0
	0	0									
22	1	0	0	0	0	0	0	0	0	0	0
	0	0									
22	2	0	0	0	0	0	0	0	0	0	0
	0	0									
22	3	0	0	0	0	0	0	0	0	0	0
	0	0									
22	4	0	0	0	0	0	0	0	0	0	0
	0	0									
22	5	0	0	0	0	0	0	0	0	0	0
	0	0									
22	6	0	0	0	0	0	0	0	0	0	0
	0	0									
22	7	0	0	0	0	0	0	0	0	0	0
	0	0									
22	8	0	0	0	0	0	0	0	0	0	0
	0	0									

23	1	0	0	0	0	0	0	0	0	0	0
	0	0									
23	2	0	0	0	0	0	0	0	0	0	0
	0	0									
23	3	0	0	0	0	0	0	0	0	0	0
	0	0									
23	4	0	0	0	0	0	0	0	0	0	0
	0	0									
23	5	0	0	0	0	0	0	0	0	0	0
	0	0									
23	6	0	0	0	0	0	0	0	0	0	0
	0	0									
23	7	0	0	0	0	0	0	0	0	0	0
	0	0									
23	8	0	0	0	0	0	0	0	0	0	0
	0	0									
24	1	0	0	0	0	0	0	0	0	0	0
	0	0									
24	2	0	0	0	0	0	0	0	0	0	0
	0	0									
24	3	0	0	0	0	0	0	0	0	0	0
	0	0									
24	4	0	0	0	0	0	0	0	0	0	0
	0	0									
24	5	0	0	0	0	0	0	0	0	0	0
	0	0									
24	6	0	0	0	0	0	0	0	0	0	0
	0	0									
24	7	0	0	0	0	0	0	0	0	0	0
	0	0									
24	8	0	0	0	0	0	0	0	0	0	0
	0	0									
25	1	-2.96k	280	0	0	0	0	-2.96k	280	0	0
	0	0									
25	2	-2.28k	216	0	0	0	0	-2.28k	216	0	0
	0	0									
25	3	-2.28k	216	0	0	0	0	-2.28k	216	0	0
	0	0									
25	4	-2.28k	216	0	0	0	0	-2.28k	216	0	0
	0	0									
25	5	-2.28k	216	0	0	0	0	-2.28k	216	0	0
	0	0									
25	6	-2.31k	181	0	0	0	0	-2.25k	250	0	0
	0	0									
25	7	-2.32k	175	0	0	0	0	-2.24k	256	0	0
	0	0									
25	8	-2.35k	139	0	0	0	0	-2.21k	292	0	0
	0	0									
26	1	3.42k	387	0	0	0	0	3.42k	387	0	0
	0	0									
26	2	2.63k	298	0	0	0	0	2.63k	298	0	0
	0	0									
26	3	2.63k	298	0	0	0	0	2.63k	298	0	0
	0	0									
26	4	2.63k	298	0	0	0	0	2.63k	298	0	0
	0	0									
26	5	2.63k	298	0	0	0	0	2.63k	298	0	0
	0	0									
26	6	2.59k	254	0	0	0	0	2.67k	341	0	0
	0	0									
26	7	2.59k	246	0	0	0	0	2.67k	349	0	0
	0	0									
26	8	2.55k	201	0	0	0	0	2.71k	394	0	0
	0	0									
27	1	0	0	0	0	0	0	0	0	0	0
	0	0									
27	2	0	0	0	0	0	0	0	0	0	0
	0	0									
27	3	0	0	0	0	0	0	0	0	0	0
	0	0									
27	4	0	0	0	0	0	0	0	0	0	0
	0	0									

27	5	0	0	0	0	0	0	0	0	0	0
	0	0									
27	6	0	0	0	0	0	0	0	0	0	0
	0	0									
27	7	0	0	0	0	0	0	0	0	0	0
	0	0									
27	8	0	0	0	0	0	0	0	0	0	0
	0	0									
28	1	0	0	0	0	0	0	0	0	0	0
	0	0									
28	2	0	0	0	0	0	0	0	0	0	0
	0	0									
28	3	0	0	0	0	0	0	0	0	0	0
	0	0									
28	4	0	0	0	0	0	0	0	0	0	0
	0	0									
28	5	0	0	0	0	0	0	0	0	0	0
	0	0									
28	6	0	0	0	0	0	0	0	0	0	0
	0	0									
28	7	0	0	0	0	0	0	0	0	0	0
	0	0									
28	8	0	0	0	0	0	0	0	0	0	0
	0	0									
29	1	0	0	0	0	0	0	0	0	0	0
	0	0									
29	2	0	0	0	0	0	0	0	0	0	0
	0	0									
29	3	0	0	0	0	0	0	0	0	0	0
	0	0									
29	4	0	0	0	0	0	0	0	0	0	0
	0	0									
29	5	0	0	0	0	0	0	0	0	0	0
	0	0									
29	6	0	0	0	0	0	0	0	0	0	0
	0	0									
29	7	0	0	0	0	0	0	0	0	0	0
	0	0									
29	8	0	0	0	0	0	0	0	0	0	0
	0	0									
30	1	-3.42k	386	0	0	0	0	-3.42k	386	0	0
	0	0									
30	2	-2.63k	297	0	0	0	0	-2.63k	297	0	0
	0	0									
30	3	-2.63k	297	0	0	0	0	-2.63k	297	0	0
	0	0									
30	4	-2.63k	297	0	0	0	0	-2.63k	297	0	0
	0	0									
30	5	-2.63k	297	0	0	0	0	-2.63k	297	0	0
	0	0									
30	6	-2.67k	257	0	0	0	0	-2.59k	337	0	0
	0	0									
30	7	-2.67k	250	0	0	0	0	-2.59k	344	0	0
	0	0									
30	8	-2.71k	208	0	0	0	0	-2.55k	385	0	0
	0	0									
31	1	3.86k	458	0	0	0	0	3.86k	458	0	0
	0	0									
31	2	2.97k	353	0	0	0	0	2.97k	353	0	0
	0	0									
31	3	2.97k	353	0	0	0	0	2.97k	353	0	0
	0	0									
31	4	2.97k	353	0	0	0	0	2.97k	353	0	0
	0	0									
31	5	2.97k	353	0	0	0	0	2.97k	353	0	0
	0	0									
31	6	2.92k	298	0	0	0	0	3.01k	407	0	0
	0	0									
31	7	2.92k	288	0	0	0	0	3.01k	417	0	0
	0	0									
31	8	2.88k	231	0	0	0	0	3.05k	474	0	0
	0	0									

32	1	0	0	0	0	0	0	0	0	0	0
	0	0									
32	2	0	0	0	0	0	0	0	0	0	0
	0	0									
32	3	0	0	0	0	0	0	0	0	0	0
	0	0									
32	4	0	0	0	0	0	0	0	0	0	0
	0	0									
32	5	0	0	0	0	0	0	0	0	0	0
	0	0									
32	6	0	0	0	0	0	0	0	0	0	0
	0	0									
32	7	0	0	0	0	0	0	0	0	0	0
	0	0									
32	8	0	0	0	0	0	0	0	0	0	0
	0	0									
33	1	0	0	0	0	0	0	0	0	0	0
	0	0									
33	2	0	0	0	0	0	0	0	0	0	0
	0	0									
33	3	0	0	0	0	0	0	0	0	0	0
	0	0									
33	4	0	0	0	0	0	0	0	0	0	0
	0	0									
33	5	0	0	0	0	0	0	0	0	0	0
	0	0									
33	6	0	0	0	0	0	0	0	0	0	0
	0	0									
33	7	0	0	0	0	0	0	0	0	0	0
	0	0									
33	8	0	0	0	0	0	0	0	0	0	0
	0	0									
34	1	0	0	0	0	0	0	0	0	0	0
	0	0									
34	2	0	0	0	0	0	0	0	0	0	0
	0	0									
34	3	0	0	0	0	0	0	0	0	0	0
	0	0									
34	4	0	0	0	0	0	0	0	0	0	0
	0	0									
34	5	0	0	0	0	0	0	0	0	0	0
	0	0									
34	6	0	0	0	0	0	0	0	0	0	0
	0	0									
34	7	0	0	0	0	0	0	0	0	0	0
	0	0									
34	8	0	0	0	0	0	0	0	0	0	0
	0	0									
35	1	-3.86k	457	0	0	0	0	-3.86k	457	0	0
	0	0									
35	2	-2.97k	351	0	0	0	0	-2.97k	351	0	0
	0	0									
35	3	-2.97k	351	0	0	0	0	-2.97k	351	0	0
	0	0									
35	4	-2.97k	351	0	0	0	0	-2.97k	351	0	0
	0	0									
35	5	-2.97k	351	0	0	0	0	-2.97k	351	0	0
	0	0									
35	6	-3.01k	302	0	0	0	0	-2.92k	401	0	0
	0	0									
35	7	-3.01k	294	0	0	0	0	-2.92k	409	0	0
	0	0									
35	8	-3.05k	243	0	0	0	0	-2.88k	460	0	0
	0	0									
36	1	3.39k	105	0	0	0	0	3.39k	105	0	0
	0	0									
36	2	2.61k	80.9	0	0	0	0	2.61k	80.9	0	0
	0	0									
36	3	2.61k	80.9	0	0	0	0	2.61k	80.9	0	0
	0	0									
36	4	2.61k	80.9	0	0	0	0	2.61k	80.9	0	0
	0	0									

36	5	2.61k	80.9	0	0	0	0	2.61k	80.9	0	0
	0	0									
36	6	2.57k	24.2	0	0	0	0	2.64k	138	0	0
	0	0									
36	7	2.57k	13.8	0	0	0	0	2.64k	148	0	0
	0	0									
36	8	2.54k	-46.1	0	0	0	0	2.68k	208	0	0
	0	0									
37	1	0	0	0	0	0	0	0	0	0	0
	0	0									
37	2	0	0	0	0	0	0	0	0	0	0
	0	0									
37	3	0	0	0	0	0	0	0	0	0	0
	0	0									
37	4	0	0	0	0	0	0	0	0	0	0
	0	0									
37	5	0	0	0	0	0	0	0	0	0	0
	0	0									
37	6	0	0	0	0	0	0	0	0	0	0
	0	0									
37	7	0	0	0	0	0	0	0	0	0	0
	0	0									
37	8	0	0	0	0	0	0	0	0	0	0
	0	0									
38	1	0	0	0	0	0	0	0	0	0	0
	0	0									
38	2	0	0	0	0	0	0	0	0	0	0
	0	0									
38	3	0	0	0	0	0	0	0	0	0	0
	0	0									
38	4	0	0	0	0	0	0	0	0	0	0
	0	0									
38	5	0	0	0	0	0	0	0	0	0	0
	0	0									
38	6	0	0	0	0	0	0	0	0	0	0
	0	0									
38	7	0	0	0	0	0	0	0	0	0	0
	0	0									
38	8	0	0	0	0	0	0	0	0	0	0
	0	0									
39	1	0	0	0	0	0	0	0	0	0	0
	0	0									
39	2	0	0	0	0	0	0	0	0	0	0
	0	0									
39	3	0	0	0	0	0	0	0	0	0	0
	0	0									
39	4	0	0	0	0	0	0	0	0	0	0
	0	0									
39	5	0	0	0	0	0	0	0	0	0	0
	0	0									
39	6	0	0	0	0	0	0	0	0	0	0
	0	0									
39	7	0	0	0	0	0	0	0	0	0	0
	0	0									
39	8	0	0	0	0	0	0	0	0	0	0
	0	0									
40	1	-3.39k	105	0	0	0	0	-3.39k	105	0	0
	0	0									
40	2	-2.61k	80.6	0	0	0	0	-2.61k	80.6	0	0
	0	0									
40	3	-2.61k	80.6	0	0	0	0	-2.61k	80.6	0	0
	0	0									
40	4	-2.61k	80.6	0	0	0	0	-2.61k	80.6	0	0
	0	0									
40	5	-2.61k	80.6	0	0	0	0	-2.61k	80.6	0	0
	0	0									
40	6	-2.64k	29.8	0	0	0	0	-2.57k	131	0	0
	0	0									
40	7	-2.64k	20.8	0	0	0	0	-2.57k	140	0	0
	0	0									
40	8	-2.68k	-32.4	0	0	0	0	-2.54k	194	0	0
	0	0									

41	1	2.93k	34.0	0	0	0	0	2.93k	34.0	0	0
	0	0									
41	2	2.26k	26.2	0	0	0	0	2.26k	26.2	0	0
	0	0									
41	3	2.26k	26.2	0	0	0	0	2.26k	26.2	0	0
	0	0									
41	4	2.26k	26.2	0	0	0	0	2.26k	26.2	0	0
	0	0									
41	5	2.26k	26.2	0	0	0	0	2.26k	26.2	0	0
	0	0									
41	6	2.23k	-22.5	0	0	0	0	2.28k	74.9	0	0
	0	0									
41	7	2.23k	-31.5	0	0	0	0	2.29k	83.8	0	0
	0	0									
41	8	2.20k	-83.0	0	0	0	0	2.31k	135	0	0
	0	0									
42	1	0	0	0	0	0	0	0	0	0	0
	0	0									
42	2	0	0	0	0	0	0	0	0	0	0
	0	0									
42	3	0	0	0	0	0	0	0	0	0	0
	0	0									
42	4	0	0	0	0	0	0	0	0	0	0
	0	0									
42	5	0	0	0	0	0	0	0	0	0	0
	0	0									
42	6	0	0	0	0	0	0	0	0	0	0
	0	0									
42	7	0	0	0	0	0	0	0	0	0	0
	0	0									
42	8	0	0	0	0	0	0	0	0	0	0
	0	0									
43	1	0	0	0	0	0	0	0	0	0	0
	0	0									
43	2	0	0	0	0	0	0	0	0	0	0
	0	0									
43	3	0	0	0	0	0	0	0	0	0	0
	0	0									
43	4	0	0	0	0	0	0	0	0	0	0
	0	0									
43	5	0	0	0	0	0	0	0	0	0	0
	0	0									
43	6	0	0	0	0	0	0	0	0	0	0
	0	0									
43	7	0	0	0	0	0	0	0	0	0	0
	0	0									
43	8	0	0	0	0	0	0	0	0	0	0
	0	0									
44	1	0	0	0	0	0	0	0	0	0	0
	0	0									
44	2	0	0	0	0	0	0	0	0	0	0
	0	0									
44	3	0	0	0	0	0	0	0	0	0	0
	0	0									
44	4	0	0	0	0	0	0	0	0	0	0
	0	0									
44	5	0	0	0	0	0	0	0	0	0	0
	0	0									
44	6	0	0	0	0	0	0	0	0	0	0
	0	0									
44	7	0	0	0	0	0	0	0	0	0	0
	0	0									
44	8	0	0	0	0	0	0	0	0	0	0
	0	0									
45	1	-2.93k	34.0	0	0	0	0	-2.93k	34.0	0	0
	0	0									
45	2	-2.26k	26.1	0	0	0	0	-2.26k	26.1	0	0
	0	0									
45	3	-2.26k	26.1	0	0	0	0	-2.26k	26.1	0	0
	0	0									
45	4	-2.26k	26.1	0	0	0	0	-2.26k	26.1	0	0
	0	0									

45	5	-2.26k	26.1	0	0	0	0	-2.26k	26.1	0	0
	0	0									
45	6	-2.28k	-17.2	0	0	0	0	-2.23k	69.4	0	0
	0	0									
45	7	-2.29k	-24.9	0	0	0	0	-2.23k	77.1	0	0
	0	0									
45	8	-2.31k	-70.4	0	0	0	0	-2.20k	123	0	0
	0	0									
46	1	3.39k	-27.1	0	0	0	0	3.39k	-27.1	0	0
	0	0									
46	2	2.61k	-20.8	0	0	0	0	2.61k	-20.8	0	0
	0	0									
46	3	2.61k	-20.8	0	0	0	0	2.61k	-20.8	0	0
	0	0									
46	4	2.61k	-20.8	0	0	0	0	2.61k	-20.8	0	0
	0	0									
46	5	2.61k	-20.8	0	0	0	0	2.61k	-20.8	0	0
	0	0									
46	6	2.58k	-77.5	0	0	0	0	2.64k	35.8	0	0
	0	0									
46	7	2.57k	-87.9	0	0	0	0	2.64k	46.2	0	0
	0	0									
46	8	2.54k	-148	0	0	0	0	2.67k	106	0	0
	0	0									
47	1	0	0	0	0	0	0	0	0	0	0
	0	0									
47	2	0	0	0	0	0	0	0	0	0	0
	0	0									
47	3	0	0	0	0	0	0	0	0	0	0
	0	0									
47	4	0	0	0	0	0	0	0	0	0	0
	0	0									
47	5	0	0	0	0	0	0	0	0	0	0
	0	0									
47	6	0	0	0	0	0	0	0	0	0	0
	0	0									
47	7	0	0	0	0	0	0	0	0	0	0
	0	0									
47	8	0	0	0	0	0	0	0	0	0	0
	0	0									
48	1	0	0	0	0	0	0	0	0	0	0
	0	0									
48	2	0	0	0	0	0	0	0	0	0	0
	0	0									
48	3	0	0	0	0	0	0	0	0	0	0
	0	0									
48	4	0	0	0	0	0	0	0	0	0	0
	0	0									
48	5	0	0	0	0	0	0	0	0	0	0
	0	0									
48	6	0	0	0	0	0	0	0	0	0	0
	0	0									
48	7	0	0	0	0	0	0	0	0	0	0
	0	0									
48	8	0	0	0	0	0	0	0	0	0	0
	0	0									
49	1	0	0	0	0	0	0	0	0	0	0
	0	0									
49	2	0	0	0	0	0	0	0	0	0	0
	0	0									
49	3	0	0	0	0	0	0	0	0	0	0
	0	0									
49	4	0	0	0	0	0	0	0	0	0	0
	0	0									
49	5	0	0	0	0	0	0	0	0	0	0
	0	0									
49	6	0	0	0	0	0	0	0	0	0	0
	0	0									
49	7	0	0	0	0	0	0	0	0	0	0
	0	0									
49	8	0	0	0	0	0	0	0	0	0	0
	0	0									

50	1	-3.39k	-26.8	0	0	0	0	-3.39k	-26.8	0	0
	0	0									
50	2	-2.61k	-20.6	0	0	0	0	-2.61k	-20.6	0	0
	0	0									
50	3	-2.61k	-20.6	0	0	0	0	-2.61k	-20.6	0	0
	0	0									
50	4	-2.61k	-20.6	0	0	0	0	-2.61k	-20.6	0	0
	0	0									
50	5	-2.61k	-20.6	0	0	0	0	-2.61k	-20.6	0	0
	0	0									
50	6	-2.64k	-71.0	0	0	0	0	-2.58k	29.7	0	0
	0	0									
50	7	-2.64k	-79.9	0	0	0	0	-2.57k	38.7	0	0
	0	0									
50	8	-2.67k	-133	0	0	0	0	-2.54k	91.7	0	0
	0	0									
51	1	3.85k	-408	0	0	0	0	3.85k	-408	0	0
	0	0									
51	2	2.96k	-314	0	0	0	0	2.96k	-314	0	0
	0	0									
51	3	2.96k	-314	0	0	0	0	2.96k	-314	0	0
	0	0									
51	4	2.96k	-314	0	0	0	0	2.96k	-314	0	0
	0	0									
51	5	2.96k	-314	0	0	0	0	2.96k	-314	0	0
	0	0									
51	6	2.92k	-370	0	0	0	0	3.01k	-257	0	0
	0	0									
51	7	2.92k	-380	0	0	0	0	3.01k	-247	0	0
	0	0									
51	8	2.88k	-439	0	0	0	0	3.05k	-188	0	0
	0	0									
52	1	0	0	0	0	0	0	0	0	0	0
	0	0									
52	2	0	0	0	0	0	0	0	0	0	0
	0	0									
52	3	0	0	0	0	0	0	0	0	0	0
	0	0									
52	4	0	0	0	0	0	0	0	0	0	0
	0	0									
52	5	0	0	0	0	0	0	0	0	0	0
	0	0									
52	6	0	0	0	0	0	0	0	0	0	0
	0	0									
52	7	0	0	0	0	0	0	0	0	0	0
	0	0									
52	8	0	0	0	0	0	0	0	0	0	0
	0	0									
53	1	0	0	0	0	0	0	0	0	0	0
	0	0									
53	2	0	0	0	0	0	0	0	0	0	0
	0	0									
53	3	0	0	0	0	0	0	0	0	0	0
	0	0									
53	4	0	0	0	0	0	0	0	0	0	0
	0	0									
53	5	0	0	0	0	0	0	0	0	0	0
	0	0									
53	6	0	0	0	0	0	0	0	0	0	0
	0	0									
53	7	0	0	0	0	0	0	0	0	0	0
	0	0									
53	8	0	0	0	0	0	0	0	0	0	0
	0	0									
54	1	0	0	0	0	0	0	0	0	0	0
	0	0									
54	2	0	0	0	0	0	0	0	0	0	0
	0	0									
54	3	0	0	0	0	0	0	0	0	0	0
	0	0									
54	4	0	0	0	0	0	0	0	0	0	0
	0	0									

54	5	0	0	0	0	0	0	0	0	0	0
	0	0									
54	6	0	0	0	0	0	0	0	0	0	0
	0	0									
54	7	0	0	0	0	0	0	0	0	0	0
	0	0									
54	8	0	0	0	0	0	0	0	0	0	0
	0	0									
55	1	-3.85k	-406	0	0	0	0	-3.85k	-406	0	0
	0	0									
55	2	-2.96k	-312	0	0	0	0	-2.96k	-312	0	0
	0	0									
55	3	-2.96k	-312	0	0	0	0	-2.96k	-312	0	0
	0	0									
55	4	-2.96k	-312	0	0	0	0	-2.96k	-312	0	0
	0	0									
55	5	-2.96k	-312	0	0	0	0	-2.96k	-312	0	0
	0	0									
55	6	-3.00k	-364	0	0	0	0	-2.92k	-261	0	0
	0	0									
55	7	-3.01k	-372	0	0	0	0	-2.92k	-252	0	0
	0	0									
55	8	-3.05k	-426	0	0	0	0	-2.88k	-199	0	0
	0	0									
56	1	3.42k	-427	0	0	0	0	3.42k	-427	0	0
	0	0									
56	2	2.63k	-329	0	0	0	0	2.63k	-329	0	0
	0	0									
56	3	2.63k	-329	0	0	0	0	2.63k	-329	0	0
	0	0									
56	4	2.63k	-329	0	0	0	0	2.63k	-329	0	0
	0	0									
56	5	2.63k	-329	0	0	0	0	2.63k	-329	0	0
	0	0									
56	6	2.59k	-373	0	0	0	0	2.67k	-285	0	0
	0	0									
56	7	2.58k	-380	0	0	0	0	2.67k	-277	0	0
	0	0									
56	8	2.55k	-426	0	0	0	0	2.71k	-232	0	0
	0	0									
57	1	0	0	0	0	0	0	0	0	0	0
	0	0									
57	2	0	0	0	0	0	0	0	0	0	0
	0	0									
57	3	0	0	0	0	0	0	0	0	0	0
	0	0									
57	4	0	0	0	0	0	0	0	0	0	0
	0	0									
57	5	0	0	0	0	0	0	0	0	0	0
	0	0									
57	6	0	0	0	0	0	0	0	0	0	0
	0	0									
57	7	0	0	0	0	0	0	0	0	0	0
	0	0									
57	8	0	0	0	0	0	0	0	0	0	0
	0	0									
58	1	0	0	0	0	0	0	0	0	0	0
	0	0									
58	2	0	0	0	0	0	0	0	0	0	0
	0	0									
58	3	0	0	0	0	0	0	0	0	0	0
	0	0									
58	4	0	0	0	0	0	0	0	0	0	0
	0	0									
58	5	0	0	0	0	0	0	0	0	0	0
	0	0									
58	6	0	0	0	0	0	0	0	0	0	0
	0	0									
58	7	0	0	0	0	0	0	0	0	0	0
	0	0									
58	8	0	0	0	0	0	0	0	0	0	0
	0	0									

59	1	0	0	0	0	0	0	0	0	0	0
	0	0									
59	2	0	0	0	0	0	0	0	0	0	0
	0	0									
59	3	0	0	0	0	0	0	0	0	0	0
	0	0									
59	4	0	0	0	0	0	0	0	0	0	0
	0	0									
59	5	0	0	0	0	0	0	0	0	0	0
	0	0									
59	6	0	0	0	0	0	0	0	0	0	0
	0	0									
59	7	0	0	0	0	0	0	0	0	0	0
	0	0									
59	8	0	0	0	0	0	0	0	0	0	0
	0	0									
60	1	-3.42k	-426	0	0	0	0	-3.42k	-426	0	0
	0	0									
60	2	-2.63k	-328	0	0	0	0	-2.63k	-328	0	0
	0	0									
60	3	-2.63k	-328	0	0	0	0	-2.63k	-328	0	0
	0	0									
60	4	-2.63k	-328	0	0	0	0	-2.63k	-328	0	0
	0	0									
60	5	-2.63k	-328	0	0	0	0	-2.63k	-328	0	0
	0	0									
60	6	-2.67k	-368	0	0	0	0	-2.59k	-288	0	0
	0	0									
60	7	-2.67k	-375	0	0	0	0	-2.58k	-281	0	0
	0	0									
60	8	-2.71k	-417	0	0	0	0	-2.55k	-239	0	0
	0	0									
61	1	2.96k	-334	0	0	0	0	2.96k	-334	0	0
	0	0									
61	2	2.28k	-257	0	0	0	0	2.28k	-257	0	0
	0	0									
61	3	2.28k	-257	0	0	0	0	2.28k	-257	0	0
	0	0									
61	4	2.28k	-257	0	0	0	0	2.28k	-257	0	0
	0	0									
61	5	2.28k	-257	0	0	0	0	2.28k	-257	0	0
	0	0									
61	6	2.24k	-294	0	0	0	0	2.31k	-219	0	0
	0	0									
61	7	2.24k	-301	0	0	0	0	2.31k	-213	0	0
	0	0									
61	8	2.21k	-340	0	0	0	0	2.35k	-173	0	0
	0	0									
62	1	0	0	0	0	0	0	0	0	0	0
	0	0									
62	2	0	0	0	0	0	0	0	0	0	0
	0	0									
62	3	0	0	0	0	0	0	0	0	0	0
	0	0									
62	4	0	0	0	0	0	0	0	0	0	0
	0	0									
62	5	0	0	0	0	0	0	0	0	0	0
	0	0									
62	6	0	0	0	0	0	0	0	0	0	0
	0	0									
62	7	0	0	0	0	0	0	0	0	0	0
	0	0									
62	8	0	0	0	0	0	0	0	0	0	0
	0	0									
63	1	0	0	0	0	0	0	0	0	0	0
	0	0									
63	2	0	0	0	0	0	0	0	0	0	0
	0	0									
63	3	0	0	0	0	0	0	0	0	0	0
	0	0									
63	4	0	0	0	0	0	0	0	0	0	0
	0	0									

63	5	0	0	0	0	0	0	0	0	0	0
	0	0									
63	6	0	0	0	0	0	0	0	0	0	0
	0	0									
63	7	0	0	0	0	0	0	0	0	0	0
	0	0									
63	8	0	0	0	0	0	0	0	0	0	0
	0	0									
64	1	0	0	0	0	0	0	0	0	0	0
	0	0									
64	2	0	0	0	0	0	0	0	0	0	0
	0	0									
64	3	0	0	0	0	0	0	0	0	0	0
	0	0									
64	4	0	0	0	0	0	0	0	0	0	0
	0	0									
64	5	0	0	0	0	0	0	0	0	0	0
	0	0									
64	6	0	0	0	0	0	0	0	0	0	0
	0	0									
64	7	0	0	0	0	0	0	0	0	0	0
	0	0									
64	8	0	0	0	0	0	0	0	0	0	0
	0	0									
65	1	-2.96k	-333	0	0	0	0	-2.96k	-333	0	0
	0	0									
65	2	-2.28k	-256	0	0	0	0	-2.28k	-256	0	0
	0	0									
65	3	-2.28k	-256	0	0	0	0	-2.28k	-256	0	0
	0	0									
65	4	-2.28k	-256	0	0	0	0	-2.28k	-256	0	0
	0	0									
65	5	-2.28k	-256	0	0	0	0	-2.28k	-256	0	0
	0	0									
65	6	-2.31k	-291	0	0	0	0	-2.24k	-221	0	0
	0	0									
65	7	-2.31k	-297	0	0	0	0	-2.24k	-215	0	0
	0	0									
65	8	-2.35k	-333	0	0	0	0	-2.21k	-179	0	0
	0	0									
66	1	3.42k	-329	0	0	0	0	3.42k	-329	0	0
	0	0									
66	2	2.63k	-253	0	0	0	0	2.63k	-253	0	0
	0	0									
66	3	2.63k	-253	0	0	0	0	2.63k	-253	0	0
	0	0									
66	4	2.63k	-253	0	0	0	0	2.63k	-253	0	0
	0	0									
66	5	2.63k	-253	0	0	0	0	2.63k	-253	0	0
	0	0									
66	6	2.59k	-297	0	0	0	0	2.67k	-209	0	0
	0	0									
66	7	2.59k	-304	0	0	0	0	2.67k	-202	0	0
	0	0									
66	8	2.55k	-350	0	0	0	0	2.71k	-156	0	0
	0	0									
67	1	0	0	0	0	0	0	0	0	0	0
	0	0									
67	2	0	0	0	0	0	0	0	0	0	0
	0	0									
67	3	0	0	0	0	0	0	0	0	0	0
	0	0									
67	4	0	0	0	0	0	0	0	0	0	0
	0	0									
67	5	0	0	0	0	0	0	0	0	0	0
	0	0									
67	6	0	0	0	0	0	0	0	0	0	0
	0	0									
67	7	0	0	0	0	0	0	0	0	0	0
	0	0									
67	8	0	0	0	0	0	0	0	0	0	0
	0	0									

68	1	0	0	0	0	0	0	0	0	0	0
	0	0									
68	2	0	0	0	0	0	0	0	0	0	0
	0	0									
68	3	0	0	0	0	0	0	0	0	0	0
	0	0									
68	4	0	0	0	0	0	0	0	0	0	0
	0	0									
68	5	0	0	0	0	0	0	0	0	0	0
	0	0									
68	6	0	0	0	0	0	0	0	0	0	0
	0	0									
68	7	0	0	0	0	0	0	0	0	0	0
	0	0									
68	8	0	0	0	0	0	0	0	0	0	0
	0	0									
69	1	0	0	0	0	0	0	0	0	0	0
	0	0									
69	2	0	0	0	0	0	0	0	0	0	0
	0	0									
69	3	0	0	0	0	0	0	0	0	0	0
	0	0									
69	4	0	0	0	0	0	0	0	0	0	0
	0	0									
69	5	0	0	0	0	0	0	0	0	0	0
	0	0									
69	6	0	0	0	0	0	0	0	0	0	0
	0	0									
69	7	0	0	0	0	0	0	0	0	0	0
	0	0									
69	8	0	0	0	0	0	0	0	0	0	0
	0	0									
70	1	-3.42k	-328	0	0	0	0	-3.42k	-328	0	0
	0	0									
70	2	-2.63k	-253	0	0	0	0	-2.63k	-253	0	0
	0	0									
70	3	-2.63k	-253	0	0	0	0	-2.63k	-253	0	0
	0	0									
70	4	-2.63k	-253	0	0	0	0	-2.63k	-253	0	0
	0	0									
70	5	-2.63k	-253	0	0	0	0	-2.63k	-253	0	0
	0	0									
70	6	-2.67k	-293	0	0	0	0	-2.59k	-212	0	0
	0	0									
70	7	-2.67k	-300	0	0	0	0	-2.59k	-205	0	0
	0	0									
70	8	-2.71k	-343	0	0	0	0	-2.55k	-162	0	0
	0	0									
71	1	3.74k	222	0	0	0	0	3.74k	222	0	0
	0	0									
71	2	2.88k	171	0	0	0	0	2.88k	171	0	0
	0	0									
71	3	2.88k	171	0	0	0	0	2.88k	171	0	0
	0	0									
71	4	2.88k	171	0	0	0	0	2.88k	171	0	0
	0	0									
71	5	2.88k	171	0	0	0	0	2.88k	171	0	0
	0	0									
71	6	2.84k	120	0	0	0	0	2.92k	222	0	0
	0	0									
71	7	2.83k	110	0	0	0	0	2.92k	232	0	0
	0	0									
71	8	2.79k	55.7	0	0	0	0	2.96k	286	0	0
	0	0									
72	1	0	0	0	0	0	0	0	0	0	0
	0	0									
72	2	0	0	0	0	0	0	0	0	0	0
	0	0									
72	3	0	0	0	0	0	0	0	0	0	0
	0	0									
72	4	0	0	0	0	0	0	0	0	0	0
	0	0									

72	5	0	0	0	0	0	0	0	0	0	0
	0	0									
72	6	0	0	0	0	0	0	0	0	0	0
	0	0									
72	7	0	0	0	0	0	0	0	0	0	0
	0	0									
72	8	0	0	0	0	0	0	0	0	0	0
	0	0									
73	1	0	0	0	0	0	0	0	0	0	0
	0	0									
73	2	0	0	0	0	0	0	0	0	0	0
	0	0									
73	3	0	0	0	0	0	0	0	0	0	0
	0	0									
73	4	0	0	0	0	0	0	0	0	0	0
	0	0									
73	5	0	0	0	0	0	0	0	0	0	0
	0	0									
73	6	0	0	0	0	0	0	0	0	0	0
	0	0									
73	7	0	0	0	0	0	0	0	0	0	0
	0	0									
73	8	0	0	0	0	0	0	0	0	0	0
	0	0									
74	1	0	0	0	0	0	0	0	0	0	0
	0	0									
74	2	0	0	0	0	0	0	0	0	0	0
	0	0									
74	3	0	0	0	0	0	0	0	0	0	0
	0	0									
74	4	0	0	0	0	0	0	0	0	0	0
	0	0									
74	5	0	0	0	0	0	0	0	0	0	0
	0	0									
74	6	0	0	0	0	0	0	0	0	0	0
	0	0									
74	7	0	0	0	0	0	0	0	0	0	0
	0	0									
74	8	0	0	0	0	0	0	0	0	0	0
	0	0									
75	1	-3.74k	222	0	0	0	0	-3.74k	222	0	0
	0	0									
75	2	-2.88k	171	0	0	0	0	-2.88k	171	0	0
	0	0									
75	3	-2.88k	171	0	0	0	0	-2.88k	171	0	0
	0	0									
75	4	-2.88k	171	0	0	0	0	-2.88k	171	0	0
	0	0									
75	5	-2.88k	171	0	0	0	0	-2.88k	171	0	0
	0	0									
75	6	-2.92k	124	0	0	0	0	-2.84k	217	0	0
	0	0									
75	7	-2.92k	116	0	0	0	0	-2.83k	225	0	0
	0	0									
75	8	-2.96k	66.7	0	0	0	0	-2.80k	274	0	0
	0	0									
76	1	1.42k	744	0	0	0	0	1.42k	744	0	0
	0	0									
76	2	1.09k	572	0	0	0	0	1.09k	572	0	0
	0	0									
76	3	1.09k	572	0	0	0	0	1.09k	572	0	0
	0	0									
76	4	1.09k	572	0	0	0	0	1.09k	572	0	0
	0	0									
76	5	1.09k	572	0	0	0	0	1.09k	572	0	0
	0	0									
76	6	1.07k	519	0	0	0	0	1.12k	625	0	0
	0	0									
76	7	1.07k	511	0	0	0	0	1.12k	634	0	0
	0	0									
76	8	1.04k	456	0	0	0	0	1.14k	689	0	0
	0	0									

77	1	0	0	0	0	0	0	0	0	0	0
	0	0									
77	2	0	0	0	0	0	0	0	0	0	0
	0	0									
77	3	0	0	0	0	0	0	0	0	0	0
	0	0									
77	4	0	0	0	0	0	0	0	0	0	0
	0	0									
77	5	0	0	0	0	0	0	0	0	0	0
	0	0									
77	6	0	0	0	0	0	0	0	0	0	0
	0	0									
77	7	0	0	0	0	0	0	0	0	0	0
	0	0									
77	8	0	0	0	0	0	0	0	0	0	0
	0	0									
78	1	0	0	0	0	0	0	0	0	0	0
	0	0									
78	2	0	0	0	0	0	0	0	0	0	0
	0	0									
78	3	0	0	0	0	0	0	0	0	0	0
	0	0									
78	4	0	0	0	0	0	0	0	0	0	0
	0	0									
78	5	0	0	0	0	0	0	0	0	0	0
	0	0									
78	6	0	0	0	0	0	0	0	0	0	0
	0	0									
78	7	0	0	0	0	0	0	0	0	0	0
	0	0									
78	8	0	0	0	0	0	0	0	0	0	0
	0	0									
79	1	0	0	0	0	0	0	0	0	0	0
	0	0									
79	2	0	0	0	0	0	0	0	0	0	0
	0	0									
79	3	0	0	0	0	0	0	0	0	0	0
	0	0									
79	4	0	0	0	0	0	0	0	0	0	0
	0	0									
79	5	0	0	0	0	0	0	0	0	0	0
	0	0									
79	6	0	0	0	0	0	0	0	0	0	0
	0	0									
79	7	0	0	0	0	0	0	0	0	0	0
	0	0									
79	8	0	0	0	0	0	0	0	0	0	0
	0	0									
80	1	-1.42k	746	0	0	0	0	-1.42k	746	0	0
	0	0									
80	2	-1.10k	574	0	0	0	0	-1.10k	574	0	0
	0	0									
80	3	-1.10k	574	0	0	0	0	-1.10k	574	0	0
	0	0									
80	4	-1.10k	574	0	0	0	0	-1.10k	574	0	0
	0	0									
80	5	-1.10k	574	0	0	0	0	-1.10k	574	0	0
	0	0									
80	6	-1.12k	524	0	0	0	0	-1.07k	623	0	0
	0	0									
80	7	-1.12k	516	0	0	0	0	-1.07k	631	0	0
	0	0									
80	8	-1.14k	464	0	0	0	0	-1.05k	683	0	0
	0	0									
81	1	-1.92k	1.56k	0	0	0	0	-1.92k	1.56k	0	0
	0	0									
81	2	-1.47k	1.20k	0	0	0	0	-1.47k	1.20k	0	0
	0	0									
81	3	-1.47k	1.20k	0	0	0	0	-1.47k	1.20k	0	0
	0	0									
81	4	-1.47k	1.20k	0	0	0	0	-1.47k	1.20k	0	0
	0	0									

81	5	-1.47k	1.20k	0	0	0	0	-1.47k	1.20k	0	0
	0	0									
81	6	-1.51k	1.16k	0	0	0	0	-1.44k	1.24k	0	0
	0	0									
81	7	-1.52k	1.15k	0	0	0	0	-1.43k	1.25k	0	0
	0	0									
81	8	-1.55k	1.11k	0	0	0	0	-1.39k	1.29k	0	0
	0	0									
82	1	-1.76k	-2.44k	0	0	0	0	-1.76k	-2.44k	0	0
	0	0									
82	2	-1.35k	-1.88k	0	0	0	0	-1.35k	-1.88k	0	0
	0	0									
82	3	-1.35k	-1.88k	0	0	0	0	-1.35k	-1.88k	0	0
	0	0									
82	4	-1.35k	-1.88k	0	0	0	0	-1.35k	-1.88k	0	0
	0	0									
82	5	-1.35k	-1.88k	0	0	0	0	-1.35k	-1.88k	0	0
	0	0									
82	6	-1.41k	-1.91k	0	0	0	0	-1.30k	-1.84k	0	0
	0	0									
82	7	-1.41k	-1.92k	0	0	0	0	-1.29k	-1.84k	0	0
	0	0									
82	8	-1.46k	-1.95k	0	0	0	0	-1.24k	-1.80k	0	0
	0	0									
83	1	-71.4	-3.76k	0	0	0	0	-71.4	-3.76k	0	0
	0	0									
83	2	-54.9	-2.89k	0	0	0	0	-54.9	-2.89k	0	0
	0	0									
83	3	-54.9	-2.89k	0	0	0	0	-54.9	-2.89k	0	0
	0	0									
83	4	-54.9	-2.89k	0	0	0	0	-54.9	-2.89k	0	0
	0	0									
83	5	-54.9	-2.89k	0	0	0	0	-54.9	-2.89k	0	0
	0	0									
83	6	-121	-2.94k	0	0	0	0	10.7	-2.84k	0	0
	0	0									
83	7	-127	-2.95k	0	0	0	0	17.2	-2.83k	0	0
	0	0									
83	8	-190	-3.01k	0	0	0	0	79.9	-2.77k	0	0
	0	0									
84	1	1.77k	-2.92k	0	0	0	0	1.77k	-2.92k	0	0
	0	0									
84	2	1.36k	-2.24k	0	0	0	0	1.36k	-2.24k	0	0
	0	0									
84	3	1.36k	-2.24k	0	0	0	0	1.36k	-2.24k	0	0
	0	0									
84	4	1.36k	-2.24k	0	0	0	0	1.36k	-2.24k	0	0
	0	0									
84	5	1.36k	-2.24k	0	0	0	0	1.36k	-2.24k	0	0
	0	0									
84	6	1.30k	-2.28k	0	0	0	0	1.42k	-2.20k	0	0
	0	0									
84	7	1.30k	-2.29k	0	0	0	0	1.43k	-2.20k	0	0
	0	0									
84	8	1.24k	-2.33k	0	0	0	0	1.48k	-2.15k	0	0
	0	0									
85	1	1.94k	1.75k	0	0	0	0	1.94k	1.75k	0	0
	0	0									
85	2	1.49k	1.35k	0	0	0	0	1.49k	1.35k	0	0
	0	0									
85	3	1.49k	1.35k	0	0	0	0	1.49k	1.35k	0	0
	0	0									
85	4	1.49k	1.35k	0	0	0	0	1.49k	1.35k	0	0
	0	0									
85	5	1.49k	1.35k	0	0	0	0	1.49k	1.35k	0	0
	0	0									
85	6	1.45k	1.30k	0	0	0	0	1.53k	1.39k	0	0
	0	0									
85	7	1.45k	1.29k	0	0	0	0	1.54k	1.40k	0	0
	0	0									
85	8	1.41k	1.25k	0	0	0	0	1.58k	1.44k	0	0
	0	0									

Suffissi: $f=10^{-15}$; $p=10^{-12}$; $n=10^{-9}$; $\mu=10^{-6}$; $m=10^{-3}$; $k=10^3$; $M=10^6$; $G=10^9$; $T=10^{12}$; $P=10^{15}$ (Sistema Internazionale di misura)

Pressione terreno shell piastre

Piano	Piastra STR A1 N° [N/mm²]	Zona		k Winkler [N/cm²]	Famiglia cmb.Pressione [N/mm²]								
		Filo	Piano		Fond.	Rara	Freq.	Quasi	Perm.	Sisma	Sisma	Sisma	Sisma'nSLC
								Perm.		SLO	SLD	SLV	
0	1	1	0	100	0.17026	0.13097	0.13097	0.13097	0.13097	0.13144	0.13146	0.13187	
0	0	0.17026											
0	1	2	0	100	0.16944	0.13034	0.13034	0.13034	0.13034	0.13067	0.13068	0.13097	
0	0	0.16944											
0	1	7	0	100	0.16803	0.12926	0.12926	0.12926	0.12884	0.12915	0.12916	0.12944	
0	0	0.16803											
0	1	6	0	100	0.16923	0.13017	0.13017	0.13017	0.13017	0.13063	0.13064	0.13104	
0	0	0.16923											
0	1	-	-	100	0.16973	0.13056	0.13056	0.13056	0.13056	0.13102	0.13104	0.13144	
0	0	0.16973											
0	2	2	0	100	0.16928	0.13022	0.13022	0.13022	0.13022	0.13051	0.13052	0.13078	
0	0	0.16928											
0	2	3	0	100	0.16881	0.12985	0.12985	0.12985	0.12985	0.13003	0.13004	0.1302	
0	0	0.16881											
0	2	8	0	100	0.16657	0.12813	0.12813	0.12813	0.12764	0.12779	0.12804	0.12799	
0	0	0.16657											
0	2	7	0	100	0.16769	0.12899	0.12899	0.12899	0.12855	0.12883	0.12884	0.12908	
0	0	0.16769											
0	2	-	-	100	0.1689	0.12992	0.12992	0.12992	0.12992	0.13012	0.13013	0.1303	
0	0	0.1689											
0	3	3	0	100	0.16879	0.12984	0.12984	0.12984	0.12984	0.13001	0.13002	0.13017	
0	0	0.16879											
0	3	4	0	100	0.16921	0.13016	0.13016	0.13016	0.13016	0.13044	0.13045	0.13069	
0	0	0.16921											
0	3	9	0	100	0.16749	0.12884	0.12884	0.12884	0.12842	0.12868	0.12869	0.12892	
0	0	0.16749											
0	3	8	0	100	0.16654	0.12811	0.12811	0.12811	0.1276	0.12775	0.12804	0.128	
0	0	0.16654											
0	3	-	-	100	0.16886	0.1299	0.1299	0.1299	0.1299	0.13008	0.13009	0.13026	
0	0	0.16886											
0	4	4	0	100	0.16937	0.13028	0.13028	0.13028	0.13028	0.1306	0.13061	0.13089	
0	0	0.16937											
0	4	5	0	100	0.17025	0.13096	0.13096	0.13096	0.13096	0.13143	0.13145	0.13186	
0	0	0.17025											
0	4	10	0	100	0.16922	0.13017	0.13017	0.13017	0.13017	0.13062	0.13063	0.13103	
0	0	0.16922											
0	4	9	0	100	0.16783	0.1291	0.1291	0.1291	0.12872	0.12903	0.12904	0.1293	
0	0	0.16783											
0	4	-	-	100	0.16972	0.13055	0.13055	0.13055	0.13055	0.13101	0.13103	0.13143	
0	0	0.16972											
0	5	6	0	100	0.16923	0.13017	0.13017	0.13017	0.13017	0.13063	0.13064	0.13104	
0	0	0.16923											
0	5	7	0	100	0.16757	0.1289	0.1289	0.1289	0.12884	0.12915	0.12916	0.12944	
0	0	0.16757											
0	5	12	0	100	0.16387	0.12605	0.12605	0.12605	0.1257	0.12598	0.12599	0.12624	
0	0	0.16387											
0	5	11	0	100	0.16746	0.12881	0.12881	0.12881	0.12881	0.12924	0.12925	0.12963	
0	0	0.16746											
0	5	-	-	100	0.16842	0.12955	0.12955	0.12955	0.1293	0.12967	0.12968	0.13003	
0	0	0.16842											
0	6	7	0	100	0.16711	0.12855	0.12855	0.12855	0.12855	0.12883	0.12884	0.12908	
0	0	0.16711											
0	6	8	0	100	0.16598	0.12768	0.12768	0.12768	0.12764	0.12779	0.1278	0.12794	
0	0	0.16598											
0	6	13	0	100	0.16096	0.12381	0.12381	0.12381	0.12381	0.12391	0.12392	0.12401	
0	0	0.16096											
0	6	12	0	100	0.16333	0.12564	0.12564	0.12564	0.12564	0.12589	0.12589	0.12611	
0	0	0.16333											
0	6	-	-	100	0.16633	0.12795	0.12795	0.12795	0.12782	0.12799	0.128	0.12815	
0	0	0.16633											
0	7	8	0	100	0.16592	0.12763	0.12763	0.12763	0.1276	0.12775	0.12776	0.12789	
0	0	0.16592											
0	7	9	0	100	0.16695	0.12842	0.12842	0.12842	0.12842	0.12868	0.12869	0.12892	
0	0	0.16695											
0	7	14	0	100	0.16302	0.1254	0.1254	0.1254	0.1254	0.12564	0.12565	0.12585	
0	0	0.16302											
0	7	13	0	100	0.16091	0.12378	0.12378	0.12378	0.12378	0.12387	0.12388	0.12397	
0	0	0.16091											
0	7	-	-	100	0.16622	0.12786	0.12786	0.12786	0.12775	0.12791	0.12792	0.12807	
0	0	0.16622											
0	8	9	0	100	0.16756	0.12889	0.12889	0.12889	0.12872	0.12903	0.12904	0.1293	
0	0	0.16756											
0	8	10	0	100	0.16922	0.13017	0.13017	0.13017	0.13017	0.13062	0.13063	0.13103	
0	0	0.16922											
0	8	15	0	100	0.16745	0.12881	0.12881	0.12881	0.12881	0.12923	0.12925	0.12962	
0	0	0.16745											
0	8	14	0	100	0.1635	0.12577	0.12577	0.12577	0.12548	0.12574	0.12575	0.12599	
0	0	0.1635											
0	8	-	-	100	0.16834	0.12949	0.12949	0.12949	0.12922	0.12963	0.12964	0.13002	
0	0	0.16834											
0	9	11	0	100	0.1669	0.12839	0.12839	0.12839	0.12839	0.1288	0.12882	0.12918	
0	0	0.1669											
0	9	12	0	100	0.16317	0.12551	0.12551	0.12551	0.12539	0.12567	0.12567	0.12592	
0	0	0.16317											
0	9	17	0	100	0.16099	0.12384	0.12384	0.12384	0.12352	0.12378	0.12379	0.12401	

0	0	0.16099	0	100	0.16568	0.12745	0.12745	0.12745	0.12745	0.12784	0.12786	0.1282
	9	16										
	0	0.16568										
0	9	-	-	100	0.16603	0.12771	0.12771	0.12771	0.12771	0.12811	0.12812	0.12847
	0	0.16603										
0	10	12	0	100	0.1622	0.12477	0.12477	0.12477	0.12477	0.12501	0.12502	0.12523
	0	0.1622										
0	10	13	0	100	0.15973	0.12287	0.12287	0.12287	0.12287	0.12296	0.12297	0.12306
	0	0.15973										
0	10	18	0	100	0.15673	0.12056	0.12056	0.12056	0.12056	0.12062	0.12063	0.12068
	0	0.15673										
0	10	17	0	100	0.15995	0.12304	0.12304	0.12304	0.12304	0.12327	0.12327	0.12347
	0	0.15995										
0	10	-	-	100	0.16088	0.12376	0.12376	0.12376	0.1235	0.12373	0.12374	0.12394
	0	0.16088										
0	11	13	0	100	0.15962	0.12278	0.12278	0.12278	0.12278	0.12287	0.12288	0.12296
	0	0.15962										
0	11	14	0	100	0.16186	0.12451	0.12451	0.12451	0.12451	0.12474	0.12474	0.12494
	0	0.16186										
0	11	19	0	100	0.15963	0.12279	0.12279	0.12279	0.12273	0.12293	0.12294	0.12312
	0	0.15963										
0	11	18	0	100	0.15668	0.12052	0.12052	0.12052	0.12052	0.12058	0.12058	0.12063
	0	0.15668										
0	11	-	-	100	0.1605	0.12346	0.12346	0.12346	0.1232	0.12341	0.12342	0.12361
	0	0.1605										
0	12	14	0	100	0.16316	0.12551	0.12551	0.12551	0.12515	0.12541	0.12542	0.12565
	0	0.16316										
0	12	15	0	100	0.16689	0.12838	0.12838	0.12838	0.12838	0.1288	0.12881	0.12917
	0	0.16689										
0	12	20	0	100	0.16567	0.12744	0.12744	0.12744	0.12744	0.12784	0.12785	0.12819
	0	0.16567										
0	12	19	0	100	0.16067	0.12359	0.12359	0.12359	0.12323	0.12347	0.12348	0.12369
	0	0.16067										
0	12	-	-	100	0.16602	0.1277	0.1277	0.1277	0.1277	0.1281	0.12812	0.12847
	0	0.16602										
0	13	16	0	100	0.16531	0.12716	0.12716	0.12716	0.12716	0.12755	0.12756	0.1279
	0	0.16531										
0	13	17	0	100	0.16088	0.12375	0.12375	0.12375	0.12335	0.1236	0.12362	0.12383
	0	0.16088										
0	13	22	0	100	0.16058	0.12352	0.12352	0.12352	0.12311	0.12336	0.12339	0.12358
	0	0.16058										
0	13	21	0	100	0.1651	0.127	0.127	0.127	0.127	0.12739	0.1274	0.12773
	0	0.1651										
0	13	-	-	100	0.16521	0.12708	0.12708	0.12708	0.12708	0.12747	0.12748	0.12782
	0	0.16521										
0	14	17	0	100	0.15934	0.12257	0.12257	0.12257	0.12257	0.12279	0.12279	0.12299
	0	0.15934										
0	14	18	0	100	0.15622	0.12017	0.12017	0.12017	0.12017	0.12024	0.12024	0.12031
	0	0.15622										
0	14	23	0	100	0.15582	0.11986	0.11986	0.11986	0.11986	0.11993	0.11994	0.12
	0	0.15582										
0	14	22	0	100	0.15909	0.12237	0.12237	0.12237	0.12231	0.12253	0.12253	0.12272
	0	0.15909										
0	14	-	-	100	0.15917	0.12244	0.12244	0.12244	0.12244	0.12265	0.12266	0.12285
	0	0.15917										
0	15	18	0	100	0.15609	0.12007	0.12007	0.12007	0.12007	0.12012	0.12013	0.12018
	0	0.15609										
0	15	19	0	100	0.15891	0.12224	0.12224	0.12224	0.12224	0.12244	0.12245	0.12263
	0	0.15891										
0	15	24	0	100	0.15865	0.12204	0.12204	0.12204	0.12198	0.12218	0.12218	0.12236
	0	0.15865										
0	15	23	0	100	0.15568	0.11976	0.11976	0.11976	0.11976	0.11981	0.11981	0.11986
	0	0.15568										
0	15	-	-	100	0.15873	0.1221	0.1221	0.1221	0.1221	0.12231	0.12231	0.12249
	0	0.15873										
0	16	19	0	100	0.16056	0.12351	0.12351	0.12351	0.12305	0.12329	0.12337	0.12351
	0	0.16056										
0	16	20	0	100	0.1653	0.12716	0.12716	0.12716	0.12716	0.12754	0.12756	0.12789
	0	0.1653										
0	16	25	0	100	0.16509	0.12699	0.12699	0.12699	0.12699	0.12738	0.12739	0.12772
	0	0.16509										
0	16	24	0	100	0.16025	0.12327	0.12327	0.12327	0.1228	0.12304	0.12314	0.12325
	0	0.16025										
0	16	-	-	100	0.1652	0.12707	0.12707	0.12707	0.12707	0.12746	0.12747	0.12781
	0	0.1652										
0	17	21	0	100	0.1651	0.127	0.127	0.127	0.127	0.12739	0.1274	0.12773
	0	0.1651										
0	17	22	0	100	0.16058	0.12352	0.12352	0.12352	0.12311	0.12336	0.12339	0.12358
	0	0.16058										
0	17	27	0	100	0.16031	0.12332	0.12332	0.12332	0.1229	0.12314	0.12319	0.12336
	0	0.16031										
0	17	26	0	100	0.16491	0.12685	0.12685	0.12685	0.12685	0.12723	0.12725	0.12758
	0	0.16491										
0	17	-	-	100	0.165	0.12693	0.12693	0.12693	0.12693	0.12731	0.12732	0.12765
	0	0.165										
0	18	22	0	100	0.15901	0.12231	0.12231	0.12231	0.12231	0.12253	0.12253	0.12272
	0	0.15901										
0	18	23	0	100	0.15582	0.11986	0.11986	0.11986	0.11986	0.11993	0.11994	0.12
	0	0.15582										
0	18	28	0	100	0.15547	0.11959	0.11959	0.11959	0.11959	0.11966	0.11966	0.11972
	0	0.15547										
0	18	27	0	100	0.15878	0.12214	0.12214	0.12214	0.12209	0.1223	0.1223	0.12249
	0	0.15878										
0	18	-	-	100	0.15885	0.1222	0.1222	0.1222	0.1222	0.12241	0.12242	0.1226
	0	0.15885										
0	19	23	0	100	0.15568	0.11976	0.11976	0.11976	0.11976	0.11981	0.11981	0.11986

0	0	0.15568	0	100	0.15857	0.12198	0.12198	0.12198	0.12198	0.12218	0.12218	0.12236
	19	24										
	0	0.15857										
0	19	29	0	100	0.15834	0.1218	0.1218	0.1218	0.12174	0.12194	0.12195	0.12212
	0	0.15834										
0	19	28	0	100	0.15533	0.11948	0.11948	0.11948	0.11948	0.11954	0.11954	0.11959
	0	0.15533										
0	19	-	-	100	0.15841	0.12186	0.12186	0.12186	0.12186	0.12205	0.12206	0.12224
	0	0.15841										
0	20	24	0	100	0.16025	0.12327	0.12327	0.12327	0.1228	0.12304	0.12314	0.12325
	0	0.16025										
0	20	25	0	100	0.16509	0.12699	0.12699	0.12699	0.12699	0.12738	0.12739	0.12772
	0	0.16509										
0	20	30	0	100	0.1649	0.12685	0.12685	0.12685	0.12685	0.12723	0.12724	0.12757
	0	0.1649										
0	20	29	0	100	0.15998	0.12306	0.12306	0.12306	0.12259	0.12282	0.12294	0.12303
	0	0.15998										
0	20	-	-	100	0.16499	0.12692	0.12692	0.12692	0.12692	0.1273	0.12731	0.12765
	0	0.16499										
0	21	26	0	100	0.16491	0.12685	0.12685	0.12685	0.12685	0.12723	0.12725	0.12758
	0	0.16491										
0	21	27	0	100	0.16032	0.12332	0.12332	0.12332	0.1229	0.12314	0.1232	0.12336
	0	0.16032										
0	21	32	0	100	0.15925	0.1225	0.1225	0.1225	0.12215	0.12238	0.12239	0.1226
	0	0.15925										
0	21	31	0	100	0.16429	0.12638	0.12638	0.12638	0.12638	0.12674	0.12675	0.12708
	0	0.16429										
0	21	-	-	100	0.16445	0.1265	0.1265	0.1265	0.1265	0.12687	0.12688	0.12721
	0	0.16445										
0	22	27	0	100	0.15871	0.12209	0.12209	0.12209	0.12209	0.1223	0.1223	0.12249
	0	0.15871										
0	22	28	0	100	0.15547	0.11959	0.11959	0.11959	0.11959	0.11966	0.11966	0.11972
	0	0.15547										
0	22	33	0	100	0.15429	0.11868	0.11868	0.11868	0.11868	0.11874	0.11874	0.1188
	0	0.15429										
0	22	32	0	100	0.15782	0.1214	0.1214	0.1214	0.1214	0.1216	0.12161	0.12179
	0	0.15782										
0	22	-	-	100	0.15819	0.12168	0.12168	0.12168	0.12157	0.12178	0.12179	0.12197
	0	0.15819										
0	23	28	0	100	0.15533	0.11948	0.11948	0.11948	0.11948	0.11954	0.11954	0.11959
	0	0.15533										
0	23	29	0	100	0.15827	0.12174	0.12174	0.12174	0.12174	0.12194	0.12195	0.12212
	0	0.15827										
0	23	34	0	100	0.15736	0.12104	0.12104	0.12104	0.12104	0.12123	0.12124	0.1214
	0	0.15736										
0	23	33	0	100	0.15414	0.11857	0.11857	0.11857	0.11857	0.11861	0.11862	0.11866
	0	0.15414										
0	23	-	-	100	0.15772	0.12132	0.12132	0.12132	0.12122	0.12141	0.12142	0.12158
	0	0.15772										
0	24	29	0	100	0.15998	0.12306	0.12306	0.12306	0.12259	0.12282	0.12294	0.12303
	0	0.15998										
0	24	30	0	100	0.1649	0.12685	0.12685	0.12685	0.12685	0.12723	0.12724	0.12757
	0	0.1649										
0	24	35	0	100	0.16428	0.12637	0.12637	0.12637	0.12637	0.12673	0.12675	0.12707
	0	0.16428										
0	24	34	0	100	0.15897	0.12229	0.12229	0.12229	0.12182	0.12204	0.12219	0.12225
	0	0.15897										
0	24	-	-	100	0.16444	0.12649	0.12649	0.12649	0.12649	0.12686	0.12688	0.1272
	0	0.16444										
0	25	31	0	100	0.16412	0.12625	0.12625	0.12625	0.12625	0.12661	0.12662	0.12694
	0	0.16412										
0	25	32	0	100	0.1591	0.12238	0.12238	0.12238	0.12209	0.12232	0.12233	0.12253
	0	0.1591										
0	25	37	0	100	0.15895	0.12227	0.12227	0.12227	0.12181	0.12203	0.12219	0.12223
	0	0.15895										
0	25	36	0	100	0.16385	0.12604	0.12604	0.12604	0.12604	0.12639	0.1264	0.12671
	0	0.16385										
0	25	-	-	100	0.16391	0.12608	0.12608	0.12608	0.12608	0.12644	0.12645	0.12677
	0	0.16391										
0	26	32	0	100	0.1576	0.12123	0.12123	0.12123	0.12123	0.12143	0.12144	0.12162
	0	0.1576										
0	26	33	0	100	0.15419	0.11861	0.11861	0.11861	0.11861	0.11867	0.11867	0.11873
	0	0.15419										
0	26	38	0	100	0.15377	0.11828	0.11828	0.11828	0.11828	0.11834	0.11834	0.11839
	0	0.15377										
0	26	37	0	100	0.15726	0.12097	0.12097	0.12097	0.12097	0.12116	0.12117	0.12134
	0	0.15726										
0	26	-	-	100	0.15738	0.12106	0.12106	0.12106	0.12103	0.12122	0.12123	0.1214
	0	0.15738										
0	27	33	0	100	0.15404	0.11849	0.11849	0.11849	0.11849	0.11854	0.11854	0.11858
	0	0.15404										
0	27	34	0	100	0.15713	0.12087	0.12087	0.12087	0.12087	0.12106	0.12107	0.12123
	0	0.15713										
0	27	39	0	100	0.15679	0.12061	0.12061	0.12061	0.1206	0.12078	0.12079	0.12095
	0	0.15679										
0	27	38	0	100	0.15362	0.11817	0.11817	0.11817	0.11817	0.11821	0.11821	0.11825
	0	0.15362										
0	27	-	-	100	0.15691	0.1207	0.1207	0.1207	0.12066	0.12084	0.12085	0.12101
	0	0.15691										
0	28	34	0	100	0.15894	0.12226	0.12226	0.12226	0.12176	0.12198	0.12216	0.12218
	0	0.15894										
0	28	35	0	100	0.16411	0.12624	0.12624	0.12624	0.12624	0.1266	0.12661	0.12693
	0	0.16411										
0	28	40	0	100	0.16384	0.12603	0.12603	0.12603	0.12603	0.12638	0.1264	0.12671
	0	0.16384										
0	28	39	0	100	0.15856	0.12197	0.12197	0.12197	0.12147	0.12169	0.12189	0.12188

	0	0.15856										
0	28	-	-	100	0.1639	0.12608	0.12608	0.12608	0.12608	0.12643	0.12644	0.12676
	0	0.1639										
0	29	36	0	100	0.1638	0.126	0.126	0.126	0.126	0.12635	0.12637	0.12667
	0	0.1638										
0	29	37	0	100	0.15891	0.12224	0.12224	0.12224	0.12179	0.12202	0.12216	0.12222
	0	0.15891										
0	29	42	0	100	0.15889	0.12222	0.12222	0.12222	0.12178	0.122	0.12215	0.12221
	0	0.15889										
0	29	41	0	100	0.16379	0.12599	0.12599	0.12599	0.12599	0.12634	0.12635	0.12666
	0	0.16379										
0	29	-	-	100	0.16379	0.126	0.126	0.126	0.126	0.12635	0.12636	0.12667
	0	0.16379										
0	30	37	0	100	0.1572	0.12093	0.12093	0.12093	0.12093	0.12112	0.12113	0.12129
	0	0.1572										
0	30	38	0	100	0.15375	0.11827	0.11827	0.11827	0.11827	0.11832	0.11833	0.11837
	0	0.15375										
0	30	43	0	100	0.15373	0.11825	0.11825	0.11825	0.11825	0.11831	0.11831	0.11836
	0	0.15373										
0	30	42	0	100	0.15719	0.12092	0.12092	0.12092	0.12091	0.12111	0.12111	0.12128
	0	0.15719										
0	30	-	-	100	0.15719	0.12092	0.12092	0.12092	0.12092	0.12111	0.12112	0.12129
	0	0.15719										
0	31	38	0	100	0.1536	0.11815	0.11815	0.11815	0.11815	0.11819	0.11819	0.11823
	0	0.1536										
0	31	39	0	100	0.15673	0.12056	0.12056	0.12056	0.12056	0.12074	0.12075	0.1209
	0	0.15673										
0	31	44	0	100	0.15671	0.12055	0.12055	0.12055	0.12055	0.12073	0.12073	0.12089
	0	0.15671										
0	31	43	0	100	0.15358	0.11814	0.11814	0.11814	0.11814	0.11818	0.11818	0.11822
	0	0.15358										
0	31	-	-	100	0.15672	0.12055	0.12055	0.12055	0.12055	0.12073	0.12074	0.12089
	0	0.15672										
0	32	39	0	100	0.15855	0.12196	0.12196	0.12196	0.12146	0.12167	0.12189	0.12187
	0	0.15855										
0	32	40	0	100	0.16379	0.12599	0.12599	0.12599	0.12599	0.12635	0.12636	0.12667
	0	0.16379										
0	32	45	0	100	0.16378	0.12598	0.12598	0.12598	0.12598	0.12633	0.12635	0.12665
	0	0.16378										
0	32	44	0	100	0.15854	0.12195	0.12195	0.12195	0.12145	0.12166	0.12188	0.12185
	0	0.15854										
0	32	-	-	100	0.16378	0.12599	0.12599	0.12599	0.12599	0.12634	0.12635	0.12666
	0	0.16378										
0	33	41	0	100	0.16379	0.12599	0.12599	0.12599	0.12599	0.12634	0.12635	0.12666
	0	0.16379										
0	33	42	0	100	0.15889	0.12222	0.12222	0.12222	0.12178	0.122	0.12215	0.12221
	0	0.15889										
0	33	47	0	100	0.15889	0.12222	0.12222	0.12222	0.12178	0.122	0.12215	0.1222
	0	0.15889										
0	33	46	0	100	0.16379	0.12599	0.12599	0.12599	0.12599	0.12634	0.12635	0.12666
	0	0.16379										
0	33	-	-	100	0.16379	0.12599	0.12599	0.12599	0.12599	0.12634	0.12635	0.12666
	0	0.16379										
0	34	42	0	100	0.15719	0.12091	0.12091	0.12091	0.12091	0.12111	0.12111	0.12128
	0	0.15719										
0	34	43	0	100	0.15373	0.11825	0.11825	0.11825	0.11825	0.11831	0.11831	0.11836
	0	0.15373										
0	34	48	0	100	0.15373	0.11825	0.11825	0.11825	0.11825	0.11831	0.11831	0.11836
	0	0.15373										
0	34	47	0	100	0.15719	0.12091	0.12091	0.12091	0.12091	0.1211	0.12111	0.12128
	0	0.15719										
0	34	-	-	100	0.15718	0.12091	0.12091	0.12091	0.12091	0.1211	0.12111	0.12128
	0	0.15718										
0	35	43	0	100	0.15358	0.11814	0.11814	0.11814	0.11814	0.11818	0.11818	0.11822
	0	0.15358										
0	35	44	0	100	0.15671	0.12055	0.12055	0.12055	0.12055	0.12073	0.12073	0.12089
	0	0.15671										
0	35	49	0	100	0.15671	0.12055	0.12055	0.12055	0.12055	0.12072	0.12073	0.12089
	0	0.15671										
0	35	48	0	100	0.15358	0.11814	0.11814	0.11814	0.11814	0.11818	0.11818	0.11822
	0	0.15358										
0	35	-	-	100	0.15671	0.12055	0.12055	0.12055	0.12055	0.12072	0.12073	0.12089
	0	0.15671										
0	36	44	0	100	0.15854	0.12195	0.12195	0.12195	0.12145	0.12166	0.12188	0.12185
	0	0.15854										
0	36	45	0	100	0.16378	0.12598	0.12598	0.12598	0.12598	0.12633	0.12635	0.12665
	0	0.16378										
0	36	50	0	100	0.16378	0.12598	0.12598	0.12598	0.12598	0.12633	0.12634	0.12665
	0	0.16378										
0	36	49	0	100	0.15854	0.12195	0.12195	0.12195	0.12145	0.12166	0.12188	0.12185
	0	0.15854										
0	36	-	-	100	0.16378	0.12598	0.12598	0.12598	0.12598	0.12633	0.12634	0.12665
	0	0.16378										
0	37	46	0	100	0.16381	0.12601	0.12601	0.12601	0.12601	0.12636	0.12637	0.12668
	0	0.16381										
0	37	47	0	100	0.15893	0.12225	0.12225	0.12225	0.12178	0.12201	0.12218	0.12221
	0	0.15893										
0	37	52	0	100	0.15898	0.1223	0.1223	0.1223	0.12199	0.12222	0.12223	0.12243
	0	0.15898										
0	37	51	0	100	0.16402	0.12617	0.12617	0.12617	0.12617	0.12653	0.12654	0.12686
	0	0.16402										
0	37	-	-	100	0.16385	0.12604	0.12604	0.12604	0.12604	0.12639	0.12641	0.12672
	0	0.16385										
0	38	47	0	100	0.15721	0.12093	0.12093	0.12093	0.12093	0.12113	0.12113	0.1213
	0	0.15721										
0	38	48	0	100	0.15374	0.11826	0.11826	0.11826	0.11826	0.11831	0.11832	0.11836

0	0	0.15374									
	38	53	0	100	0.15404	0.11849	0.11849	0.11849	0.11849	0.11855	0.11861
	0	0.15404									
0	38	52	0	100	0.15747	0.12113	0.12113	0.12113	0.12113	0.12133	0.12151
	0	0.15747									
0	38	-	-	100	0.1573	0.121	0.121	0.121	0.12097	0.12117	0.12134
	0	0.1573									
0	39	48	0	100	0.15358	0.11814	0.11814	0.11814	0.11814	0.11818	0.11822
	0	0.15358									
0	39	49	0	100	0.15674	0.12057	0.12057	0.12057	0.12057	0.12075	0.12091
	0	0.15674									
0	39	54	0	100	0.157	0.12077	0.12077	0.12077	0.12077	0.12095	0.12112
	0	0.157									
0	39	53	0	100	0.15389	0.11838	0.11838	0.11838	0.11838	0.11842	0.11847
	0	0.15389									
0	39	-	-	100	0.15682	0.12063	0.12063	0.12063	0.12061	0.12079	0.12095
	0	0.15682									
0	40	49	0	100	0.15854	0.12195	0.12195	0.12195	0.12145	0.12166	0.12186
	0	0.15854									
0	40	50	0	100	0.1638	0.126	0.126	0.126	0.126	0.12635	0.12667
	0	0.1638									
0	40	55	0	100	0.16401	0.12616	0.12616	0.12616	0.12616	0.12652	0.12685
	0	0.16401									
0	40	54	0	100	0.15881	0.12216	0.12216	0.12216	0.12166	0.12188	0.12207
	0	0.15881									
0	40	-	-	100	0.16384	0.12603	0.12603	0.12603	0.12603	0.12639	0.12671
	0	0.16384									
0	41	51	0	100	0.16416	0.12627	0.12627	0.12627	0.12627	0.12664	0.12697
	0	0.16416									
0	41	52	0	100	0.1591	0.12239	0.12239	0.12239	0.12204	0.12227	0.12248
	0	0.1591									
0	41	57	0	100	0.16003	0.1231	0.1231	0.1231	0.12267	0.12291	0.12313
	0	0.16003									
0	41	56	0	100	0.1647	0.12669	0.12669	0.12669	0.12669	0.12707	0.12741
	0	0.1647									
0	41	-	-	100	0.1643	0.12638	0.12638	0.12638	0.12638	0.12675	0.12708
	0	0.1643									
0	42	52	0	100	0.15765	0.12127	0.12127	0.12127	0.12127	0.12147	0.12165
	0	0.15765									
0	42	53	0	100	0.15412	0.11855	0.11855	0.11855	0.11855	0.11861	0.11867
	0	0.15412									
0	42	58	0	100	0.1551	0.11931	0.11931	0.11931	0.11931	0.11938	0.11944
	0	0.1551									
0	42	57	0	100	0.1584	0.12184	0.12184	0.12184	0.12184	0.12205	0.12224
	0	0.1584									
0	42	-	-	100	0.15795	0.1215	0.1215	0.1215	0.12141	0.12161	0.1218
	0	0.15795									
0	43	53	0	100	0.15397	0.11844	0.11844	0.11844	0.11844	0.11848	0.11853
	0	0.15397									
0	43	54	0	100	0.15718	0.12091	0.12091	0.12091	0.12091	0.12109	0.12126
	0	0.15718									
0	43	59	0	100	0.15794	0.12149	0.12149	0.12149	0.12149	0.12169	0.12187
	0	0.15794									
0	43	58	0	100	0.15496	0.1192	0.1192	0.1192	0.1192	0.11925	0.1193
	0	0.15496									
0	43	-	-	100	0.15748	0.12114	0.12114	0.12114	0.12105	0.12124	0.12141
	0	0.15748									
0	44	54	0	100	0.15884	0.12218	0.12218	0.12218	0.12171	0.12193	0.12213
	0	0.15884									
0	44	55	0	100	0.16415	0.12627	0.12627	0.12627	0.12627	0.12663	0.12696
	0	0.16415									
0	44	60	0	100	0.16469	0.12668	0.12668	0.12668	0.12668	0.12706	0.1274
	0	0.16469									
0	44	59	0	100	0.15968	0.12283	0.12283	0.12283	0.12235	0.12258	0.12279
	0	0.15968									
0	44	-	-	100	0.16429	0.12637	0.12637	0.12637	0.12637	0.12674	0.12707
	0	0.16429									
0	45	56	0	100	0.1647	0.12669	0.12669	0.12669	0.12669	0.12707	0.12741
	0	0.1647									
0	45	57	0	100	0.16002	0.12309	0.12309	0.12309	0.12267	0.12291	0.12313
	0	0.16002									
0	45	62	0	100	0.16025	0.12327	0.12327	0.12327	0.12285	0.1231	0.12332
	0	0.16025									
0	45	61	0	100	0.16487	0.12682	0.12682	0.12682	0.12682	0.1272	0.12755
	0	0.16487									
0	45	-	-	100	0.16478	0.12676	0.12676	0.12676	0.12676	0.12713	0.12747
	0	0.16478									
0	46	57	0	100	0.15846	0.12189	0.12189	0.12189	0.12184	0.12205	0.12224
	0	0.15846									
0	46	58	0	100	0.1551	0.11931	0.11931	0.11931	0.11931	0.11938	0.11944
	0	0.1551									
0	46	63	0	100	0.1554	0.11954	0.11954	0.11954	0.11954	0.11961	0.11967
	0	0.1554									
0	46	62	0	100	0.15865	0.12204	0.12204	0.12204	0.12204	0.12225	0.12244
	0	0.15865									
0	46	-	-	100	0.15852	0.12194	0.12194	0.12194	0.12194	0.12215	0.12234
	0	0.15852									
0	47	58	0	100	0.15496	0.1192	0.1192	0.1192	0.1192	0.11925	0.1193
	0	0.15496									
0	47	59	0	100	0.158	0.12154	0.12154	0.12154	0.12149	0.12169	0.12187
	0	0.158									
0	47	64	0	100	0.1582	0.12169	0.12169	0.12169	0.12169	0.12189	0.12207
	0	0.1582									
0	47	63	0	100	0.15526	0.11943	0.11943	0.11943	0.11943	0.11948	0.11953
	0	0.15526									
0	47	-	-	100	0.15807	0.12159	0.12159	0.12159	0.12159	0.12179	0.12197

0	0	0.15807									
	48	59	0	100	0.15968	0.12283	0.12283	0.12283	0.12235	0.12258	0.12272
	0	0.15968									
0	48	60	0	100	0.16469	0.12668	0.12668	0.12668	0.12668	0.12706	0.12707
	0	0.16469									0.1274
0	48	65	0	100	0.16486	0.12682	0.12682	0.12682	0.12682	0.12719	0.12721
	0	0.16486									0.12754
0	48	64	0	100	0.15992	0.12301	0.12301	0.12301	0.12254	0.12277	0.12289
	0	0.15992									0.12298
0	48	-	-	100	0.16477	0.12675	0.12675	0.12675	0.12675	0.12712	0.12714
	0	0.16477									0.12747
0	49	61	0	100	0.16487	0.12682	0.12682	0.12682	0.12682	0.1272	0.12721
	0	0.16487									0.12755
0	49	62	0	100	0.16025	0.12327	0.12327	0.12327	0.12285	0.1231	0.12315
	0	0.16025									0.12332
0	49	67	0	100	0.16051	0.12347	0.12347	0.12347	0.12306	0.12331	0.12334
	0	0.16051									0.12353
0	49	66	0	100	0.16506	0.12697	0.12697	0.12697	0.12697	0.12735	0.12736
	0	0.16506									0.1277
0	49	-	-	100	0.16496	0.12689	0.12689	0.12689	0.12689	0.12727	0.12729
	0	0.16496									0.12762
0	50	62	0	100	0.15872	0.12209	0.12209	0.12209	0.12204	0.12225	0.12226
	0	0.15872									0.12244
0	50	63	0	100	0.1554	0.11954	0.11954	0.11954	0.11954	0.11961	0.11961
	0	0.1554									0.11967
0	50	68	0	100	0.15574	0.1198	0.1198	0.1198	0.1198	0.11987	0.11987
	0	0.15574									0.11993
0	50	67	0	100	0.15894	0.12226	0.12226	0.12226	0.12226	0.12247	0.12248
	0	0.15894									0.12267
0	50	-	-	100	0.15879	0.12214	0.12214	0.12214	0.12214	0.12236	0.12236
	0	0.15879									0.12255
0	51	63	0	100	0.15526	0.11943	0.11943	0.11943	0.11943	0.11948	0.11948
	0	0.15526									0.11953
0	51	64	0	100	0.15827	0.12175	0.12175	0.12175	0.12169	0.12189	0.1219
	0	0.15827									0.12207
0	51	69	0	100	0.1585	0.12192	0.12192	0.12192	0.12192	0.12212	0.12213
	0	0.1585									0.1223
0	51	68	0	100	0.1556	0.11969	0.11969	0.11969	0.11969	0.11975	0.11975
	0	0.1556									0.1198
0	51	-	-	100	0.15834	0.1218	0.1218	0.1218	0.1218	0.122	0.12201
	0	0.15834									0.12218
0	52	64	0	100	0.15992	0.12301	0.12301	0.12301	0.12254	0.12277	0.12289
	0	0.15992									0.12298
0	52	65	0	100	0.16486	0.12682	0.12682	0.12682	0.12682	0.12719	0.12721
	0	0.16486									0.12754
0	52	70	0	100	0.16505	0.12696	0.12696	0.12696	0.12696	0.12734	0.12735
	0	0.16505									0.12769
0	52	69	0	100	0.16019	0.12322	0.12322	0.12322	0.12275	0.12299	0.12309
	0	0.16019									0.1232
0	52	-	-	100	0.16495	0.12689	0.12689	0.12689	0.12689	0.12727	0.12728
	0	0.16495									0.12761
0	53	66	0	100	0.16539	0.12722	0.12722	0.12722	0.12722	0.12761	0.12763
	0	0.16539									0.12797
0	53	67	0	100	0.16059	0.12353	0.12353	0.12353	0.12321	0.12346	0.12347
	0	0.16059									0.12369
0	53	72	0	100	0.16248	0.12498	0.12498	0.12498	0.12485	0.12512	0.12513
	0	0.16248									0.12536
0	53	71	0	100	0.16651	0.12808	0.12808	0.12808	0.12808	0.12849	0.12851
	0	0.16651									0.12886
0	53	-	-	100	0.1657	0.12746	0.12746	0.12746	0.12746	0.12786	0.12787
	0	0.1657									0.12822
0	54	67	0	100	0.15947	0.12267	0.12267	0.12267	0.12267	0.12289	0.12289
	0	0.15947									0.12309
0	54	68	0	100	0.15614	0.1201	0.1201	0.1201	0.1201	0.12016	0.12016
	0	0.15614									0.12021
0	54	73	0	100	0.15878	0.12214	0.12214	0.12214	0.12214	0.12223	0.12223
	0	0.15878									0.12231
0	54	72	0	100	0.16144	0.12418	0.12418	0.12418	0.12418	0.12442	0.12443
	0	0.16144									0.12463
0	54	-	-	100	0.16028	0.12329	0.12329	0.12329	0.12307	0.12329	0.1233
	0	0.16028									0.12349
0	55	68	0	100	0.15608	0.12006	0.12006	0.12006	0.12006	0.12011	0.12011
	0	0.15608									0.12016
0	55	69	0	100	0.15912	0.1224	0.1224	0.1224	0.12234	0.12254	0.12255
	0	0.15912									0.12273
0	55	74	0	100	0.16107	0.1239	0.1239	0.1239	0.1239	0.12412	0.12413
	0	0.16107									0.12432
0	55	73	0	100	0.15866	0.12205	0.12205	0.12205	0.12205	0.12213	0.12214
	0	0.15866									0.12221
0	55	-	-	100	0.15987	0.12298	0.12298	0.12298	0.12275	0.12296	0.12297
	0	0.15987									0.12315
0	56	69	0	100	0.16028	0.12329	0.12329	0.12329	0.12291	0.12314	0.12316
	0	0.16028									0.12336
0	56	70	0	100	0.16538	0.12722	0.12722	0.12722	0.12722	0.12761	0.12762
	0	0.16538									0.12796
0	56	75	0	100	0.1665	0.12808	0.12808	0.12808	0.12808	0.12849	0.1285
	0	0.1665									0.12886
0	56	74	0	100	0.16247	0.12498	0.12498	0.12498	0.12459	0.12485	0.12486
	0	0.16247									0.12508
0	56	-	-	100	0.16569	0.12746	0.12746	0.12746	0.12746	0.12785	0.12786
	0	0.16569									0.12821
0	57	71	0	100	0.16702	0.12848	0.12848	0.12848	0.12848	0.1289	0.12891
	0	0.16702									0.12928
0	57	72	0	100	0.1631	0.12546	0.12546	0.12546	0.12513	0.1254	0.12541
	0	0.1631									0.12565
0	57	77	0	100	0.16647	0.12806	0.12806	0.12806	0.12798	0.12828	0.12829
											0.12856

0	2	1	3	0	0	0	0	-2.05k	90.1	233	-3.53k	-9.39k	0	0	0	-1.35k	1.31k	236	-
1.27k	-9.39k																		
0	2	1	8	0	0	0	0	-4.35k	-3.02k	195	-797	-7.28k	0	0	0	-3.55k	-2.01k	1.57k	
	519	-7.19k																	
0	2	1	7	0	0	0	0	-3.66k	-2.33k	3.67k	-3.59k	-6.71k	0	0	0	-2.59k	-939	4.87k	
	679	-5.82k																	
0	2	1	-	-	0	0	0	-4.13k	-2.78k	223	-1.45k	-8.42k	0	0	0	-2.05k	-181	5.16k	
	4.94k	-6.71k																	
0	3	1	3	0	0	0	0	-1.99k	104	230	383	-9.57k	0	0	0	-1.17k	1.35k	232	
	1.25k	-9.57k																	
0	3	1	4	0	0	0	0	-734	978	-5.30k	8.63k	-9.97k	0	0	0	1.15k	2.27k	-5.23k	
	22.4k	-9.97k																	
0	3	1	9	0	0	0	0	-3.79k	-2.46k	-4.64k	-908	-6.81k	0	0	0	-2.75k	-1.09k	-3.36k	
	3.32k	-5.92k																	
0	3	1	8	0	0	0	0	-4.34k	-3.02k	-1.19k	-456	-7.29k	0	0	0	-3.56k	-2.04k	215	
	608	-7.22k																	
0	3	1	-	-	0	0	0	-4.19k	-2.85k	-4.94k	-5.13k	-8.43k	0	0	0	-2.18k	-319	220	
	1.26k	-6.81k																	
0	4	1	4	0	0	0	0	-3.09k	654	-5.33k	8.67k	-5.94k	0	0	0	-2.36k	1.43k	-5.22k	
	20.5k	-5.94k																	
0	4	1	5	0	0	0	0	3.65k	3.93k	-2.52k	25.9k	-25.5k	0	0	0	3.65k	3.93k	-2.52k	
	25.9k	-25.5k																	
0	4	1	10	0	0	0	0	804	-3.11k	-6.51k	5.47k	-20.2k	0	0	0	2.15k	-4.26	-5.32k	
	7.14k	-3.02k																	
0	4	1	9	0	0	0	0	-3.30k	-1.91k	-5.09k	67.7	-6.89k	0	0	0	-2.27k	-670	-4.50k	
	3.71k	-5.94k																	
0	4	1	-	-	0	0	0	-2.05k	-1.23k	-5.79k	-3.14k	-7.45k	0	0	0	783	690	-4.93k	
	7.14k	-4.89k																	
0	5	1	6	0	0	0	0	290	-1.26k	5.66k	-10.9k	-33.1k	0	0	0	3.21k	2.18k	6.49k	-
	7.55k	5.07k																	
0	5	1	7	0	0	0	0	-4.36k	-3.46k	4.32k	-4.26k	-4.83k	0	0	0	-2.41k	-1.37k	5.20k	-
	3.00k	-2.93k																	
0	5	1	12	0	0	0	0	-7.01k	-4.99k	2.83k	-5.77k	-1.06k	0	0	0	-5.38k	-4.23k	3.61k	-
	4.70k	130																	
0	5	1	11	0	0	0	0	-1.26k	-3.59k	3.86k	-9.28k	-30.8k	0	0	0	433	-1.61k	4.26k	-
	7.68k	6.35k																	
0	5	1	-	-	0	0	0	-5.77k	-4.52k	3.33k	-8.76k	-5.98k	0	0	0	61.9	-694	5.98k	-
	3.96k	3.09k																	
0	6	1	7	0	0	0	0	-4.85k	-3.79k	3.60k	-3.62k	-5.19k	0	0	0	-2.82k	-1.68k	4.81k	-
	1.52k	-3.14k																	
0	6	1	8	0	0	0	0	-6.38k	-5.08k	189	-798	-5.76k	0	0	0	-4.24k	-2.90k	1.63k	-
	93.1	-3.78k																	
0	6	1	13	0	0	0	0	-10.2k	-7.00k	115	-1.16k	-1.31k	0	0	0	-8.94k	-6.67k	1.03k	
	-286	-415																	
0	6	1	12	0	0	0	0	-8.56k	-5.91k	2.20k	-4.26k	-1.09k	0	0	0	-6.19k	-4.75k	3.43k	-
	2.85k	-355																	
0	6	1	-	-	0	0	0	-9.64k	-6.64k	157	-3.66k	-5.62k	0	0	0	-3.83k	-2.50k	4.12k	
	-222	-399																	
0	7	1	8	0	0	0	0	-6.38k	-5.08k	-1.24k	-7.57	-5.77k	0	0	0	-4.28k	-2.95k	204	
	610	-3.79k																	
0	7	1	9	0	0	0	0	-5.10k	-3.97k	-4.59k	1.31k	-5.30k	0	0	0	-3.03k	-1.84k	-3.30k	
	3.35k	-3.24k																	
0	7	1	14	0	0	0	0	-8.86k	-6.11k	-3.26k	2.51k	-1.12k	0	0	0	-6.59k	-4.99k	-2.02k	
	3.85k	-362																	
0	7	1	13	0	0	0	0	-10.2k	-7.00k	-781	50.6	-1.31k	0	0	0	-8.98k	-6.70k	149	
	880	-416																	
0	7	1	-	-	0	0	0	-9.80k	-6.75k	-3.91k	39.6	-5.67k	0	0	0	-3.94k	-2.61k	177	
	3.27k	-404																	
0	8	1	9	0	0	0	0	-4.67k	-3.66k	-5.07k	2.68k	-4.94k	0	0	0	-2.65k	-1.50k	-4.11k	
	3.77k	-3.02k																	
0	8	1	10	0	0	0	0	127	-1.23k	-6.44k	7.36k	-30.5k	0	0	0	3.17k	1.96k	-5.64k	
	10.4k	4.41k																	
0	8	1	15	0	0	0	0	-1.45k	-3.39k	-4.22k	8.02k	-28.3k	0	0	0	472	-1.73k	-3.83k	
	9.12k	5.94k																	
0	8	1	14	0	0	0	0	-7.45k	-5.25k	-3.47k	4.30k	-1.11k	0	0	0	-5.79k	-4.46k	-2.68k	
	5.40k	102																	
0	8	1	-	-	0	0	0	-6.14k	-4.75k	-5.91k	3.58k	-6.06k	0	0	0	-109	-769	-3.25k	
	8.47k	3.16k																	
0	9	1	11	0	0	0	0	-1.56k	-2.57k	3.06k	-13.0k	-28.0k	0	0	0	1.39k	1.21k	4.15k	-
	9.48k	5.65k																	
0	9	1	12	0	0	0	0	-7.63k	-5.00k	2.26k	-6.07k	-226	0	0	0	-5.90k	-4.37k	3.14k	-
	5.10k	265																	
0	9	1	17	0	0	0	0	-8.55k	-4.73k	1.07k	-6.74k	489	0	0	0	-7.08k	-3.98k	1.53k	-
	5.91k	675																	
0	9	1	16	0	0	0	0	-2.06k	-2.41k	1.44k	-10.3k	-13.0k	0	0	0	155	-2.00k	1.68k	-
	9.79k	2.84k																	
0	9	1	-	-	0	0	0	-8.16k	-4.93k	1.25k	-10.0k	-1.50k	0	0	0	-1.62k	-2.10k	3.59k	-
	5.61k	2.25k																	
0	10	1	12	0	0	0	0	-8.89k	-5.93k	2.01k	-4.60k	-226	0	0	0	-7.01k	-4.98k	2.83k	-
	2.98k	234																	
0	10	1	13	0	0	0	0	-11.1k	-7.02k	99.9	-1.21k	-101	0	0	0	-9.90k	-6.82k	950	
	-328	391																	
0	10	1	18	0	0	0	0	-12.4k	-6.50k	42.8	-1.48k	852	0	0	0	-12.0k	-5.98k	417	
	-407	956																	
0	10	1	17	0	0	0	0	-10.4k	-5.37k	842	-5.13k	489	0	0	0	-8.30k	-4.50k	1.46k	-
	3.62k	751																	
0	10	1	-	-	0	0	0	-11.9k	-6.86k	71.8	-4.91k	-115	0	0	0	-7.83k	-4.80k	2.05k	
	-376	887																	
0	11	1	13	0	0	0	0	-11.1k	-7.02k	-722	58.1	-98.9	0	0	0	-10.0k	-6.90k	117	
	920	391																	
0	11	1	14	0	0	0	0	-9.20k	-6.12k	-2.69k	2.63k	-229	0	0	0	-7.45k	-5.23k	-1.85k	
	4.17k	258																	
0	11	1	19	0	0	0	0	-10.8k	-5.53k	-1.39k	3.22k	530	0	0	0	-8.81k	-4.71k	-774	
	4.68k	786																	
0	11	1	18	0	0	0	0	-12.4k	-6.50k	-317	73.1	858	0	0	0	-12.1k	-6.04k	66.1	
	1.13k	956																	

0	11	1	-	-	0	0	0	-12.0k	-6.90k	-1.94k	67.0	-112	0	0	0	-8.31k	-5.03k	89.2
	4.46k	907																
0	12	1	14	0	0	0	0	-8.10k	-5.26k	-3.03k	4.69k	-229	0	0	0	-6.33k	-4.61k	-2.15k
	5.68k	254																
0	12	1	15	0	0	0	0	-1.76k	-2.63k	-4.10k	9.31k	-25.8k	0	0	0	1.35k	1.02k	-3.06k
	12.5k	5.31k																
0	12	1	20	0	0	0	0	-2.28k	-2.36k	-1.68k	9.71k	-12.0k	0	0	0	172	-2.09k	-1.42k
	10.2k	2.69k																
0	12	1	19	0	0	0	0	-9.08k	-4.95k	-1.47k	5.47k	529	0	0	0	-7.58k	-4.17k	-1.02k
	6.34k	707																
0	12	1	-	-	0	0	0	-8.66k	-5.17k	-3.56k	5.18k	-1.45k	0	0	0	-1.83k	-2.20k	-1.22k
	9.86k	2.33k																
0	13	1	16	0	0	0	0	-2.12k	-2.38k	1.31k	-12.1k	-11.7k	0	0	0	519	-589	1.53k
	10.3k	2.73k																
0	13	1	17	0	0	0	0	-8.58k	-4.50k	1.02k	-6.77k	552	0	0	0	-7.23k	-3.97k	1.18k
	6.05k	701																
0	13	1	22	0	0	0	0	-8.67k	-4.38k	862	-6.81k	571	0	0	0	-7.31k	-3.86k	1.00k
	6.11k	660																
0	13	1	21	0	0	0	0	-2.13k	-2.17k	1.14k	-10.5k	-9.82k	0	0	0	173	-2.03k	1.21k
	10.0k	2.15k																
0	13	1	-	-	0	0	0	-8.61k	-4.42k	965	-10.3k	-305	0	0	0	-2.12k	-2.17k	1.34k
	6.10k	2.44k																
0	14	1	17	0	0	0	0	-10.4k	-5.25k	840	-5.15k	552	0	0	0	-8.55k	-4.46k	1.07k
	3.67k	765																
0	14	1	18	0	0	0	0	-12.5k	-6.12k	45.0	-1.48k	935	0	0	0	-12.1k	-5.97k	367
	-425	970																
0	14	1	23	0	0	0	0	-12.6k	-5.93k	35.3	-1.51k	940	0	0	0	-12.3k	-5.73k	295
	-432	975																
0	14	1	22	0	0	0	0	-10.6k	-5.05k	679	-5.19k	571	0	0	0	-8.64k	-4.34k	915
	3.72k	771																
0	14	1	-	-	0	0	0	-12.5k	-6.00k	42.6	-5.17k	561	0	0	0	-8.61k	-4.42k	967
	-430	972																
0	15	1	18	0	0	0	0	-12.5k	-6.12k	-279	76.6	950	0	0	0	-12.3k	-6.02k	45.0
	1.13k	970																
0	15	1	19	0	0	0	0	-10.8k	-5.40k	-1.02k	3.26k	595	0	0	0	-9.08k	-4.66k	-772
	4.70k	799																
0	15	1	24	0	0	0	0	-10.9k	-5.19k	-870	3.32k	614	0	0	0	-9.17k	-4.54k	-625
	4.74k	805																
0	15	1	23	0	0	0	0	-12.6k	-5.93k	-224	77.9	955	0	0	0	-12.4k	-5.79k	41.4
	1.15k	975																
0	15	1	-	-	0	0	0	-12.5k	-6.00k	-919	77.5	605	0	0	0	-9.14k	-4.62k	42.8
	4.72k	972																
0	16	1	19	0	0	0	0	-9.11k	-4.70k	-1.14k	5.61k	595	0	0	0	-7.74k	-4.15k	-969
	6.37k	726																
0	16	1	20	0	0	0	0	-2.33k	-2.43k	-1.52k	10.1k	-10.7k	0	0	0	505	-657	-1.30k
	11.9k	2.54k																
0	16	1	25	0	0	0	0	-2.34k	-2.24k	-1.21k	9.89k	-9.03k	0	0	0	183	-1.98k	-1.13k
	10.5k	2.03k																
0	16	1	24	0	0	0	0	-9.20k	-4.58k	-972	5.67k	614	0	0	0	-7.81k	-4.04k	-819
	6.41k	690																
0	16	1	-	-	0	0	0	-9.14k	-4.62k	-1.33k	5.65k	-236	0	0	0	-2.33k	-2.24k	-918
	10.1k	2.29k																
0	17	1	21	0	0	0	0	-2.17k	-2.27k	1.04k	-11.8k	-8.54k	0	0	0	409	-849	1.21k
	10.3k	1.90k																
0	17	1	22	0	0	0	0	-8.69k	-4.34k	818	-6.83k	575	0	0	0	-7.33k	-3.84k	950
	6.11k	641																
0	17	1	27	0	0	0	0	-8.75k	-4.22k	681	-6.86k	571	0	0	0	-7.39k	-3.73k	795
	6.16k	625																
0	17	1	26	0	0	0	0	-2.18k	-2.13k	905	-10.7k	-7.55k	0	0	0	155	-1.90k	967
	10.1k	1.78k																
0	17	1	-	-	0	0	0	-8.71k	-4.26k	770	-10.3k	-103	0	0	0	-2.16k	-2.13k	1.08k
	6.15k	1.84k																
0	18	1	22	0	0	0	0	-10.6k	-5.05k	678	-5.21k	575	0	0	0	-8.67k	-4.30k	864
	3.72k	770																
0	18	1	23	0	0	0	0	-12.7k	-5.87k	36.2	-1.51k	937	0	0	0	-12.3k	-5.73k	296
	-434	972																
0	18	1	28	0	0	0	0	-12.7k	-5.68k	27.9	-1.53k	928	0	0	0	-12.4k	-5.49k	234
	-439	962																
0	18	1	27	0	0	0	0	-10.7k	-4.85k	538	-5.24k	571	0	0	0	-8.73k	-4.19k	727
	3.77k	763																
0	18	1	-	-	0	0	0	-12.7k	-5.74k	34.2	-5.22k	573	0	0	0	-8.71k	-4.26k	772
	-437	967																
0	19	1	23	0	0	0	0	-12.7k	-5.87k	-225	78.3	952	0	0	0	-12.4k	-5.77k	36.3
	1.15k	972																
0	19	1	24	0	0	0	0	-10.9k	-5.19k	-821	3.31k	618	0	0	0	-9.20k	-4.49k	-623
	4.76k	804																
0	19	1	29	0	0	0	0	-11.0k	-4.99k	-691	3.36k	614	0	0	0	-9.26k	-4.37k	-495
	4.79k	797																
0	19	1	28	0	0	0	0	-12.7k	-5.68k	-178	79.3	943	0	0	0	-12.6k	-5.55k	33.2
	1.17k	962																
0	19	1	-	-	0	0	0	-12.7k	-5.74k	-734	79.0	616	0	0	0	-9.24k	-4.45k	34.3
	4.77k	967																
0	20	1	24	0	0	0	0	-9.22k	-4.53k	-920	5.67k	618	0	0	0	-7.84k	-4.01k	-778
	6.43k	671																
0	20	1	25	0	0	0	0	-2.38k	-2.33k	-1.20k	10.1k	-7.85k	0	0	0	400	-895	-1.04k
	11.6k	1.80k																
0	20	1	30	0	0	0	0	-2.39k	-2.19k	-958	9.97k	-6.91k	0	0	0	162	-1.86k	-897
	10.7k	1.67k																
0	20	1	29	0	0	0	0	-9.28k	-4.41k	-771	5.72k	614	0	0	0	-7.90k	-3.90k	-647
	6.46k	657																
0	20	1	-	-	0	0	0	-9.24k	-4.45k	-1.07k	5.71k	-49.3	0	0	0	-2.38k	-2.20k	-733
	10.1k	1.73k																
0	21	1	26	0	0	0	0	-2.23k	-2.21k	641	-11.8k	-5.74k	0	0	0	348	-935	967
	10.3k	1.25k																
0	21	1	27	0	0	0	0	-8.83k	-4.18k	452	-6.89k	506	0	0	0	-7.40k	-3.60k	749
	6.16k	575																

0	21	1	32	0	0	0	0	-8.87k	-3.59k	103	-6.91k	352	0	0	0	-7.51k	-3.10k	207	-
6.22k	465																		
0	21	1	31	0	0	0	0	-2.33k	-1.94k	143	-11.0k	-484	0	0	0	73.0	-1.37k	221	-
10.2k	426																		
0	21	1	-	-	0	0	0	-8.86k	-3.85k	120	-10.3k	53.1	0	0	0	-2.25k	-1.96k	847	-
6.23k	650																		
0	22	1	27	0	0	0	0	-10.7k	-4.85k	415	-5.29k	554	0	0	0	-8.75k	-3.94k	682	-
3.76k	751																		
0	22	1	28	0	0	0	0	-12.9k	-5.62k	20.8	-1.55k	877	0	0	0	-12.4k	-5.21k	236	
	-441	945																	
0	22	1	33	0	0	0	0	-13.0k	-4.69k	3.87	-1.59k	596	0	0	0	-12.6k	-4.33k	48.6	
	-455	723																	
0	22	1	32	0	0	0	0	-10.8k	-3.97k	83.1	-5.32k	399	0	0	0	-8.87k	-3.42k	198	-
3.85k	522																		
0	22	1	-	-	0	0	0	-12.9k	-5.36k	11.3	-5.32k	492	0	0	0	-8.84k	-3.67k	468	
	-450	882																	
0	23	1	28	0	0	0	0	-12.9k	-5.62k	-179	79.7	883	0	0	0	-12.6k	-5.23k	28.2	
	1.18k	945																	
0	23	1	29	0	0	0	0	-11.1k	-4.99k	-649	3.36k	594	0	0	0	-9.28k	-4.11k	-391	
	4.84k	784																	
0	23	1	34	0	0	0	0	-11.2k	-4.07k	-188	3.44k	424	0	0	0	-9.41k	-3.55k	-76.6	
	4.87k	546																	
0	23	1	33	0	0	0	0	-13.0k	-4.69k	-36.8	82.6	605	0	0	0	-12.8k	-4.37k	9.79	
	1.21k	723																	
0	23	1	-	-	0	0	0	-12.9k	-5.44k	-421	81.7	524	0	0	0	-9.38k	-3.82k	17.1	
	4.87k	899																	
0	24	1	29	0	0	0	0	-9.37k	-4.36k	-726	5.72k	546	0	0	0	-7.91k	-3.75k	-430	
	6.50k	617																	
0	24	1	30	0	0	0	0	-2.45k	-2.27k	-959	10.1k	-5.31k	0	0	0	341	-971	-640	
	11.6k	1.21k																	
0	24	1	35	0	0	0	0	-2.54k	-2.00k	-220	10.0k	-435	0	0	0	73.5	-1.37k	-141	
	10.9k	426																	
0	24	1	34	0	0	0	0	-9.41k	-3.73k	-199	5.79k	373	0	0	0	-8.03k	-3.22k	-97.7	
	6.51k	495																	
0	24	1	-	-	0	0	0	-9.41k	-4.01k	-841	5.79k	89.4	0	0	0	-2.46k	-2.01k	-117	
	10.1k	648																	
0	25	1	31	0	0	0	0	-2.33k	-1.89k	81.9	-11.1k	-13.4	0	0	0	79.1	-1.34k	157	-
	10.1k	186																	
0	25	1	32	0	0	0	0	-8.87k	-3.42k	44.8	-6.89k	273	0	0	0	-7.51k	-3.01k	114	-
	6.21k	369																	
0	25	1	37	0	0	0	0	-8.83k	-3.12k	-2.16	-6.83k	87.3	0	0	0	-7.47k	-2.79k	3.01	-
	6.17k	176																	
0	25	1	36	0	0	0	0	-2.35k	-1.78k	-0.406	-10.9k	5.07	0	0	0	14.6	-1.27k	7.14	-
	10.0k	217																	
0	25	1	-	-	0	0	0	-8.85k	-3.23k	-1.98	-10.1k	16.5	0	0	0	-2.34k	-1.79k	134	-
	6.19k	272																	
0	26	1	32	0	0	0	0	-10.8k	-3.89k	41.5	-5.32k	301	0	0	0	-8.86k	-3.28k	103	-
	3.85k	455																	
0	26	1	33	0	0	0	0	-13.0k	-4.42k	2.29	-1.59k	454	0	0	0	-12.6k	-4.18k	37.1	
		564																	
0	26	1	38	0	0	0	0	-12.9k	-3.96k	-0.458	-1.58k	149	0	0	0	-12.6k	-3.81k	0.769	
	-457	263																	
0	26	1	37	0	0	0	0	-10.8k	-3.47k	-2.04	-5.29k	104	0	0	0	-8.82k	-3.06k	2.84	-
	3.83k	192																	
0	26	1	-	-	0	0	0	-12.9k	-4.25k	-1.13	-5.30k	133	0	0	0	-8.84k	-3.15k	72.5	
		527																	
0	27	1	33	0	0	0	0	-13.0k	-4.42k	-28.1	83.0	457	0	0	0	-12.8k	-4.20k	4.26	
		564																	
0	27	1	34	0	0	0	0	-11.2k	-3.99k	-98.0	3.44k	320	0	0	0	-9.40k	-3.40k	-39.2	
	4.87k	474																	
0	27	1	39	0	0	0	0	-11.2k	-3.55k	-2.61	3.42k	110	0	0	0	-9.36k	-3.17k	2.01	
	4.85k	202																	
0	27	1	38	0	0	0	0	-12.9k	-3.96k	-0.264	83.1	151	0	0	0	-12.7k	-3.84k	0.389	
	1.21k	263																	
0	27	1	-	-	0	0	0	-12.9k	-4.30k	-65.4	83.1	137	0	0	0	-9.37k	-3.26k	1.56	
	4.86k	538																	
0	28	1	34	0	0	0	0	-9.41k	-3.55k	-110	5.78k	291	0	0	0	-8.02k	-3.13k	-42.7	
	6.50k	392																	
0	28	1	35	0	0	0	0	-2.55k	-1.94k	-156	9.99k	-6.06	0	0	0	79.0	-1.34k	-80.6	
	11.0k	174																	
0	28	1	40	0	0	0	0	-2.56k	-1.82k	-6.63	9.88k	9.07	0	0	0	14.4	-1.28k	0.501	
	10.8k	202																	
0	28	1	39	0	0	0	0	-9.37k	-3.23k	-2.71	5.75k	92.4	0	0	0	-7.98k	-2.90k	2.24	
	6.45k	186																	
0	28	1	-	-	0	0	0	-9.39k	-3.35k	-132	5.77k	19.7	0	0	0	-2.55k	-1.83k	2.12	
	9.96k	290																	
0	29	1	36	0	0	0	0	-2.35k	-1.76k	-0.464	-10.8k	-21.7	0	0	0	8.87	-1.30k	1.23	-
	10.0k	221																	
0	29	1	37	0	0	0	0	-8.82k	-3.06k	-2.10	-6.83k	59.2	0	0	0	-7.47k	-2.79k	-2.00	-
	6.17k	73.4																	
0	29	1	42	0	0	0	0	-8.82k	-3.05k	-1.70	-6.82k	36.5	0	0	0	-7.47k	-2.78k	-1.19	-
	6.17k	46.3																	
0	29	1	41	0	0	0	0	-2.35k	-1.76k	-1.09	-10.8k	-21.9	0	0	0	9.33	-1.28k	-0.160	-
	10.0k	174																	
0	29	1	-	-	0	0	0	-8.82k	-3.05k	-1.99	-10.0k	-21.8	0	0	0	-2.35k	-1.76k	-0.621	-
	6.17k	59.9																	
0	30	1	37	0	0	0	0	-10.8k	-3.45k	-2.05	-5.28k	73.4	0	0	0	-8.82k	-3.06k	-1.40	-
	3.83k	88.1																	
0	30	1	38	0	0	0	0	-12.9k	-3.88k	-0.454	-1.58k	105	0	0	0	-12.6k	-3.81k	-20.9m	
	-457	108																	
0	30	1	43	0	0	0	0	-12.9k	-3.86k	-0.278	-1.58k	66.2	0	0	0	-12.5k	-3.79k	-5.47m	
	-456	68.4																	
0	30	1	42	0	0	0	0	-10.8k	-3.43k	-1.57	-5.28k	46.3	0	0	0	-8.82k	-3.05k	-0.822	-
	3.83k	55.7																	
0	30	1	-	-	0	0	0	-12.9k	-3.87k	-1.86	-5.28k	55.7	0	0	0	-8.82k	-3.05k	-38.9m	
	-457	105																	

0	31	1	38	0	0	0	0	-12.9k	-3.88k	-30.3m	83.1	106	0	0	0	-12.7k	-3.84k	0.382
	1.21k	108																
0	31	1	39	0	0	0	0	-11.2k	-3.53k	1.27	3.42k	77.6	0	0	0	-9.36k	-3.17k	2.00
	4.84k	91.5																
0	31	1	44	0	0	0	0	-11.1k	-3.51k	0.740	3.42k	49.0	0	0	0	-9.35k	-3.15k	1.51
	4.84k	57.9																
0	31	1	43	0	0	0	0	-12.9k	-3.86k	-41.0m	83.1	67.1	0	0	0	-12.7k	-3.82k	0.224
	1.21k	68.4																
0	31	1	-	-	0	0	0	-12.9k	-3.87k	-28.8m	83.1	57.9	0	0	0	-9.35k	-3.16k	1.80
	4.84k	106																
0	32	1	39	0	0	0	0	-9.36k	-3.17k	1.98	5.75k	63.1	0	0	0	-7.98k	-2.89k	2.17
	6.44k	77.6																
0	32	1	40	0	0	0	0	-2.56k	-1.81k	-1.43	9.88k	-16.5	0	0	0	9.11	-1.30k	0.547
	10.8k	203																
0	32	1	45	0	0	0	0	-2.56k	-1.80k	25.7m	9.87k	-18.2	0	0	0	9.24	-1.28k	1.04
	10.8k	160																
0	32	1	44	0	0	0	0	-9.35k	-3.16k	1.13	5.75k	39.0	0	0	0	-7.98k	-2.88k	1.70
	6.44k	49.0																
0	32	1	-	-	0	0	0	-9.35k	-3.16k	0.860	5.75k	-17.3	0	0	0	-2.56k	-1.80k	2.10
	9.87k	63.3																
0	33	1	41	0	0	0	0	-2.35k	-1.76k	-0.958	-10.8k	-7.19	0	0	0	6.02	-1.30k	-0.251
	10.0k	93.3																-
0	33	1	42	0	0	0	0	-8.82k	-3.05k	-1.33	-6.82k	14.5	0	0	0	-7.47k	-2.78k	-0.771
	6.17k	19.1																-
0	33	1	47	0	0	0	0	-8.81k	-3.05k	0.118	-6.82k	-8.43	0	0	0	-7.47k	-2.78k	0.729
	6.17k	-7.94																-
0	33	1	46	0	0	0	0	-2.35k	-1.76k	-1.10	-10.8k	-10.3	0	0	0	9.30	-1.28k	-31.8m
	10.0k	45.6																-
0	33	1	-	-	0	0	0	-8.81k	-3.04k	-1.37	-10.0k	-8.74	0	0	0	-2.35k	-1.76k	0.475
	6.17k	14.9																-
0	34	1	42	0	0	0	0	-10.8k	-3.43k	-1.19	-5.28k	19.1	0	0	0	-8.81k	-3.05k	-0.567
	3.83k	23.3																-
0	34	1	43	0	0	0	0	-12.9k	-3.86k	-0.290	-1.58k	27.9	0	0	0	-12.5k	-3.79k	-13.3m
	-456	28.8																
0	34	1	48	0	0	0	0	-12.9k	-3.85k	12.0m	-1.58k	-10.7	0	0	0	-12.5k	-3.79k	0.261
	-456	-10.4																
0	34	1	47	0	0	0	0	-10.8k	-3.43k	0.217	-5.28k	-9.00	0	0	0	-8.81k	-3.05k	0.713
	3.83k	-7.94																-
0	34	1	-	-	0	0	0	-12.9k	-3.85k	-0.664	-5.28k	-10.4	0	0	0	-8.81k	-3.04k	0.532
	-456	27.9																
0	35	1	43	0	0	0	0	-12.9k	-3.86k	-12.5m	83.1	28.3	0	0	0	-12.7k	-3.82k	0.235
	1.21k	28.8																
0	35	1	44	0	0	0	0	-11.1k	-3.51k	0.511	3.42k	20.3	0	0	0	-9.35k	-3.15k	1.13
	4.84k	24.3																
0	35	1	49	0	0	0	0	-11.1k	-3.51k	-0.716	3.42k	-9.25	0	0	0	-9.35k	-3.15k	-0.247
	4.84k	-8.14																
0	35	1	48	0	0	0	0	-12.9k	-3.85k	-0.211	83.1	-10.7	0	0	0	-12.7k	-3.82k	11.8m
	1.21k	-10.5																
0	35	1	-	-	0	0	0	-12.9k	-3.85k	-0.485	83.1	-10.5	0	0	0	-9.35k	-3.15k	0.586
	4.84k	28.3																
0	36	1	44	0	0	0	0	-9.35k	-3.15k	0.721	5.75k	15.7	0	0	0	-7.98k	-2.88k	1.32
	6.44k	20.3																
0	36	1	45	0	0	0	0	-2.56k	-1.80k	0.329	9.87k	-6.31	0	0	0	6.19	-1.30k	0.965
	10.7k	86.9																
0	36	1	50	0	0	0	0	-2.56k	-1.80k	37.9m	9.87k	-10.4	0	0	0	9.28	-1.28k	1.03
	10.8k	42.6																
0	36	1	49	0	0	0	0	-9.35k	-3.15k	-0.760	5.75k	-8.56	0	0	0	-7.98k	-2.88k	-0.161
	6.44k	-8.14																
0	36	1	-	-	0	0	0	-9.35k	-3.15k	-0.542	5.75k	-8.33	0	0	0	-2.56k	-1.80k	1.39
	9.87k	15.5																
0	37	1	46	0	0	0	0	-2.35k	-1.77k	-1.51	-10.8k	-34.1	0	0	0	8.12	-1.29k	-0.177
	10.0k	9.31																-
0	37	1	47	0	0	0	0	-8.82k	-3.07k	0.659	-6.83k	-110	0	0	0	-7.47k	-2.78k	2.19
	6.17k	-34.9																-
0	37	1	52	0	0	0	0	-8.86k	-3.31k	-60.2	-6.87k	-307	0	0	0	-7.50k	-2.93k	-17.6
	6.20k	-216																-
0	37	1	51	0	0	0	0	-2.34k	-1.85k	-85.3	-11.0k	-601	0	0	0	49.6	-1.36k	-40.3
	10.1k	58.9																-
0	37	1	-	-	0	0	0	-8.84k	-3.15k	-73.1	-10.1k	-233	0	0	0	-2.34k	-1.77k	2.00
	6.18k	18.4																-
0	38	1	47	0	0	0	0	-10.8k	-3.44k	0.625	-5.28k	-121	0	0	0	-8.81k	-3.05k	2.15
	3.83k	-39.0																-
0	38	1	48	0	0	0	0	-12.9k	-3.89k	-3.47m	-1.58k	-164	0	0	0	-12.5k	-3.79k	0.520
	-456	-54.7																
0	38	1	53	0	0	0	0	-13.0k	-4.25k	-20.2	-1.59k	-466	0	0	0	-12.6k	-4.05k	-1.00
	-457	-356																
0	38	1	52	0	0	0	0	-10.8k	-3.75k	-54.6	-5.31k	-377	0	0	0	-8.84k	-3.19k	-16.5
	3.84k	-236																-
0	38	1	-	-	0	0	0	-12.9k	-4.08k	-39.1	-5.30k	-435	0	0	0	-8.82k	-3.10k	1.58
	-457	-48.8																
0	39	1	48	0	0	0	0	-12.9k	-3.89k	-0.424	83.1	-164	0	0	0	-12.7k	-3.82k	51.5m
	1.21k	-55.4																
0	39	1	49	0	0	0	0	-11.1k	-3.52k	-2.14	3.42k	-127	0	0	0	-9.35k	-3.15k	-0.585
	4.84k	-40.8																
0	39	1	54	0	0	0	0	-11.2k	-3.84k	15.7	3.43k	-392	0	0	0	-9.38k	-3.30k	51.9
	4.87k	-251																
0	39	1	53	0	0	0	0	-13.0k	-4.25k	-2.28	83.1	-466	0	0	0	-12.8k	-4.07k	15.3
	1.21k	-358																
0	39	1	-	-	0	0	0	-12.9k	-4.13k	-1.46	83.1	-444	0	0	0	-9.36k	-3.21k	35.2
	4.85k	-50.3																
0	40	1	49	0	0	0	0	-9.36k	-3.18k	-2.25	5.75k	-117	0	0	0	-7.98k	-2.88k	-0.707
	6.45k	-36.6																
0	40	1	50	0	0	0	0	-2.56k	-1.81k	92.8m	9.87k	-36.9	0	0	0	8.16	-1.29k	1.49
	10.8k	8.62																
0	40	1	55	0	0	0	0	-2.55k	-1.89k	39.1	9.95k	-557	0	0	0	50.1	-1.36k	85.6
	10.9k	53.4																

	40	1	54	0	0	0	0	-9.40k	-3.43k	16.8	5.77k	-326	0	0	0	-8.01k	-3.04k	58.1	
	6.49k	-230																	
0	40	1	-	-	0	0	0	-9.38k	-3.27k	-2.16	5.76k	-247	0	0	0	-2.55k	-1.82k	71.7	
	9.93k	17.0																	
0	41	1	51	0	0	0	0	-2.34k	-1.90k	-137	-11.0k	-271	0	0	0	60.4	-1.31k	-76.8	-
10.1k	-124																		
0	41	1	52	0	0	0	0	-8.87k	-3.45k	-127	-6.89k	-409	0	0	0	-7.51k	-3.00k	-54.5	-
6.21k	-290																		
0	41	1	57	0	0	0	0	-8.86k	-3.99k	-546	-6.91k	-552	0	0	0	-7.46k	-3.45k	-314	-
6.20k	-464																		
0	41	1	56	0	0	0	0	-2.27k	-2.13k	-707	-11.6k	-861	0	0	0	265	-1.09k	-456	-
10.3k	3.72k																		
0	41	1	-	-	0	0	0	-8.87k	-3.68k	-618	-10.2k	-500	0	0	0	-2.28k	-1.91k	-63.7	-
6.23k	-140																		
0	42	1	52	0	0	0	0	-10.8k	-3.82k	-121	-5.32k	-453	0	0	0	-8.86k	-3.30k	-44.6	-
3.84k	-339																		
0	42	1	53	0	0	0	0	-13.0k	-4.47k	-28.1	-1.59k	-628	0	0	0	-12.6k	-4.17k	-2.01	
	-456	-501																	
0	42	1	58	0	0	0	0	-12.9k	-5.32k	-173	-1.56k	-889	0	0	0	-12.5k	-4.94k	-14.6	
	-447	-801																	
0	42	1	57	0	0	0	0	-10.8k	-4.61k	-497	-5.31k	-709	0	0	0	-8.81k	-3.77k	-289	-
3.80k	-513																		
0	42	1	-	-	0	0	0	-13.0k	-5.09k	-342	-5.32k	-828	0	0	0	-8.86k	-3.53k	-7.29	
	-454	-437																	
0	43	1	53	0	0	0	0	-13.0k	-4.47k	-6.21	82.9	-628	0	0	0	-12.8k	-4.20k	21.2	
	1.21k	-509																	
0	43	1	54	0	0	0	0	-11.2k	-3.91k	41.2	3.44k	-477	0	0	0	-9.40k	-3.43k	115	
	4.87k	-360																	
0	43	1	59	0	0	0	0	-11.2k	-4.74k	272	3.39k	-740	0	0	0	-9.35k	-3.92k	473	
	4.86k	-548																	
0	43	1	58	0	0	0	0	-12.9k	-5.32k	-20.5	80.9	-889	0	0	0	-12.7k	-4.96k	131	
	1.19k	-806																	
0	43	1	-	-	0	0	0	-13.0k	-5.16k	-11.7	82.3	-846	0	0	0	-9.41k	-3.66k	308	
	4.87k	-458																	
0	44	1	54	0	0	0	0	-9.41k	-3.59k	51.7	5.78k	-434	0	0	0	-8.02k	-3.12k	121	
	6.50k	-308																	
0	44	1	55	0	0	0	0	-2.55k	-1.94k	76.1	10.0k	-273	0	0	0	60.2	-1.31k	136	
	10.9k	-123																	
0	44	1	60	0	0	0	0	-2.48k	-2.19k	455	10.1k	-838	0	0	0	260	-1.12k	701	
	11.4k	3.44k																	
0	44	1	59	0	0	0	0	-9.40k	-4.16k	299	5.77k	-590	0	0	0	-7.98k	-3.59k	529	
	6.51k	-499																	
0	44	1	-	-	0	0	0	-9.41k	-3.83k	61.9	5.80k	-527	0	0	0	-2.49k	-1.96k	613	
	10.1k	-171																	
0	45	1	56	0	0	0	0	-2.23k	-2.08k	-707	-10.8k	-1.28k	0	0	0	135	-1.74k	-660	-
10.2k	5.16k																		
0	45	1	57	0	0	0	0	-8.81k	-4.03k	-583	-6.89k	-570	0	0	0	-7.45k	-3.58k	-496	-
6.20k	-559																		
0	45	1	62	0	0	0	0	-8.78k	-4.15k	-709	-6.88k	-592	0	0	0	-7.42k	-3.68k	-608	-
6.17k	-570																		
0	45	1	61	0	0	0	0	-2.22k	-2.20k	-909	-11.6k	-1.41k	0	0	0	319	-1.01k	-778	-
10.3k	6.04k																		
0	45	1	-	-	0	0	0	-8.79k	-4.07k	-805	-10.3k	-1.34k	0	0	0	-2.22k	-2.09k	-569	-
6.20k	-24.6																		
0	46	1	57	0	0	0	0	-10.8k	-4.61k	-533	-5.28k	-731	0	0	0	-8.80k	-4.00k	-393	-
3.80k	-559																		
0	46	1	58	0	0	0	0	-12.9k	-5.38k	-171	-1.56k	-917	0	0	0	-12.5k	-5.20k	-20.2	
	-446	-886																	
0	46	1	63	0	0	0	0	-12.8k	-5.56k	-223	-1.54k	-939	0	0	0	-12.4k	-5.42k	-27.1	
	-442	-906																	
0	46	1	62	0	0	0	0	-10.7k	-4.80k	-645	-5.26k	-747	0	0	0	-8.76k	-4.11k	-507	-
3.77k	-570																		
0	46	1	-	-	0	0	0	-12.8k	-5.44k	-570	-5.27k	-928	0	0	0	-8.79k	-4.07k	-25.4	
	-445	-565																	
0	47	1	58	0	0	0	0	-12.9k	-5.38k	-24.6	80.7	-917	0	0	0	-12.7k	-5.25k	130	
	1.19k	-899																	
0	47	1	59	0	0	0	0	-11.1k	-4.74k	362	3.39k	-762	0	0	0	-9.34k	-4.17k	507	
	4.83k	-599																	
0	47	1	64	0	0	0	0	-11.1k	-4.94k	467	3.36k	-780	0	0	0	-9.30k	-4.29k	614	
	4.81k	-611																	
0	47	1	63	0	0	0	0	-12.8k	-5.56k	-27.1	79.9	-939	0	0	0	-12.6k	-5.46k	169	
	1.18k	-920																	
0	47	1	-	-	0	0	0	-12.8k	-5.44k	-25.5	80.5	-928	0	0	0	-9.33k	-4.24k	542	
	4.82k	-605																	
0	48	1	59	0	0	0	0	-9.35k	-4.20k	472	5.76k	-601	0	0	0	-7.96k	-3.73k	565	
	6.49k	-599																	
0	48	1	60	0	0	0	0	-2.44k	-2.14k	655	10.0k	-1.21k	0	0	0	140	-1.71k	701	
	10.8k	4.73k																	
0	48	1	65	0	0	0	0	-2.43k	-2.25k	775	10.2k	-1.33k	0	0	0	312	-1.04k	902	
	11.5k	5.55k																	
0	48	1	64	0	0	0	0	-9.31k	-4.33k	578	5.73k	-623	0	0	0	-7.93k	-3.84k	687	
	6.48k	-611																	
0	48	1	-	-	0	0	0	-9.33k	-4.24k	541	5.76k	-1.27k	0	0	0	-2.43k	-2.15k	799	
	10.1k	-69.3																	
0	49	1	61	0	0	0	0	-2.19k	-2.12k	-912	-10.7k	-1.62k	0	0	0	149	-1.86k	-854	-
10.1k	7.13k																		
0</																			

0	50	1	63	0	0	0	0	-12.8k	-5.62k	-221	-1.54k	-956	0	0	0	-12.4k	-5.44k	-26.3	
	-441	-923																	
0	50	1	68	0	0	0	0	-12.7k	-5.81k	-281	-1.52k	-969	0	0	0	-12.3k	-5.67k	-34.4	
	-436	-934																	
0	50	1	67	0	0	0	0	-10.6k	-5.00k	-819	-5.23k	-767	0	0	0	-8.69k	-4.27k	-643	-
3.73k	-571																		
0	50	1	-	-	0	0	0	-12.7k	-5.68k	-731	-5.24k	-963	0	0	0	-8.73k	-4.23k	-32.4	
	-439	-573																	
0	51	1	63	0	0	0	0	-12.8k	-5.62k	-31.4	79.6	-956	0	0	0	-12.6k	-5.49k	168	
	1.18k	-937																	
0	51	1	64	0	0	0	0	-11.1k	-4.94k	468	3.36k	-793	0	0	0	-9.28k	-4.33k	654	
	4.80k	-617																	
0	51	1	69	0	0	0	0	-11.0k	-5.15k	591	3.33k	-801	0	0	0	-9.22k	-4.45k	778	
	4.77k	-613																	
0	51	1	68	0	0	0	0	-12.7k	-5.81k	-34.4	78.7	-969	0	0	0	-12.5k	-5.71k	214	
	1.16k	-949																	
0	51	1	-	-	0	0	0	-12.7k	-5.68k	-32.5	79.3	-963	0	0	0	-9.26k	-4.41k	695	
	4.78k	-615																	
0	52	1	64	0	0	0	0	-9.30k	-4.37k	612	5.73k	-647	0	0	0	-7.91k	-3.87k	730	
	6.47k	-617																	
0	52	1	65	0	0	0	0	-2.41k	-2.19k	847	9.98k	-1.53k	0	0	0	157	-1.82k	905	
	10.7k	6.55k																	
0	52	1	70	0	0	0	0	-2.39k	-2.35k	992	10.2k	-1.96k	0	0	0	401	-854	1.16k	
	11.7k	7.98k																	
0	52	1	69	0	0	0	0	-9.24k	-4.49k	737	5.69k	-686	0	0	0	-7.86k	-3.98k	872	
	6.44k	-613																	
0	52	1	-	-	0	0	0	-9.26k	-4.41k	694	5.72k	-1.74k	0	0	0	-2.40k	-2.19k	1.01k	
	10.2k	70.3																	
0	53	1	66	0	0	0	0	-2.14k	-2.25k	-1.31k	-10.4k	-2.24k	0	0	0	136	-2.01k	-1.10k	-
	9.94k	9.89k																	
0	53	1	67	0	0	0	0	-8.69k	-4.55k	-1.20k	-6.82k	-653	0	0	0	-7.24k	-3.83k	-816	-
	6.04k	-550																	
0	53	1	72	0	0	0	0	-8.00k	-4.99k	-2.64k	-6.32k	-476	0	0	0	-6.33k	-4.33k	-1.86k	-
	5.39k	-98.3																	
0	53	1	71	0	0	0	0	-1.75k	-2.58k	-3.48k	-13.0k	-4.97k	0	0	0	1.16k	814	-2.52k	-
	9.79k	24.3k																	
0	53	1	-	-	0	0	0	-8.40k	-4.81k	-3.01k	-10.1k	-1.95k	0	0	0	-1.80k	-2.15k	-952	-
	5.81k	1.13k																	
0	54	1	67	0	0	0	0	-10.6k	-5.13k	-1.15k	-5.21k	-771	0	0	0	-8.51k	-4.31k	-644	-
	3.70k	-561																	
0	54	1	68	0	0	0	0	-12.7k	-6.20k	-324	-1.52k	-976	0	0	0	-12.2k	-5.68k	-32.5	
	-422	-939																	
0	54	1	73	0	0	0	0	-11.6k	-6.99k	-804	-1.30k	-683	0	0	0	-10.6k	-6.74k	-82.6	
	-357	-345																	
0	54	1	72	0	0	0	0	-9.43k	-5.92k	-2.39k	-4.80k	-452	0	0	0	-7.51k	-4.89k	-1.68k	-
	3.19k	-98.2																	
0	54	1	-	-	0	0	0	-12.2k	-6.68k	-1.66k	-5.05k	-937	0	0	0	-8.15k	-4.64k	-57.4	
	-396	-285																	
0	55	1	68	0	0	0	0	-12.7k	-6.20k	-52.5	75.9	-976	0	0	0	-12.4k	-5.73k	246	
	1.16k	-948																	
0	55	1	69	0	0	0	0	-11.0k	-5.28k	593	3.30k	-806	0	0	0	-9.03k	-4.50k	1.10k	
	4.76k	-605																	
0	55	1	74	0	0	0	0	-9.76k	-6.11k	1.55k	2.82k	-486	0	0	0	-7.98k	-5.13k	2.27k	
	4.37k	-115																	
0	55	1	73	0	0	0	0	-11.6k	-6.99k	-98.6	63.4	-683	0	0	0	-10.7k	-6.78k	611	
	988	-352																	
0	55	1	-	-	0	0	0	-12.3k	-6.76k	-72.9	71.0	-952	0	0	0	-8.65k	-4.86k	1.58k	
	4.60k	-300																	
0	56	1	69	0	0	0	0	-9.22k	-4.76k	775	5.60k	-686	0	0	0	-7.74k	-4.01k	1.16k	
	6.42k	-597																	
0	56	1	70	0	0	0	0	-2.35k	-2.32k	1.09k	9.85k	-2.13k	0	0	0	149	-2.08k	1.31k	
	10.4k	9.11k																	
0	56	1	75	0	0	0	0	-1.95k	-2.64k	2.52k	9.62k	-4.68k	0	0	0	1.13k	652	3.44k	
	12.5k	22.4k																	
0	56	1	74	0	0	0	0	-8.49k	-5.24k	1.77k	4.97k	-484	0	0	0	-6.79k	-4.56k	2.55k	
	5.92k	-115																	
0	56	1	-	-	0	0	0	-8.91k	-5.04k	931	5.37k	-2.02k	0	0	0	-2.01k	-2.24k	2.98k	
	10.0k	1.08k																	
0	57	1	71	0	0	0	0	-1.51k	-3.40k	-3.62k	-9.64k	-5.75k	0	0	0	323	-1.74k	-3.24k	-
	8.33k	27.3k																	
0	57	1	72	0	0	0	0	-7.51k	-5.01k	-3.12k	-6.08k	-408	0	0	0	-5.92k	-4.36k	-2.38k	-
	5.06k	459																	
0	57	1	77	0	0	0	0	-5.30k	-4.25k	-4.86k	-4.63k	1.72k	0	0	0	-3.32k	-2.73k	-3.92k	-
	3.49k	3.32k																	
0	57	1	76	0	0	0	0	-278	-1.87k	-6.40k	-11.3k	-6.02k	0	0	0	2.61k	2.06k	-5.27k	-
	7.67k	33.8k																	
0	57	1	-	-	0	0	0	-6.49k	-4.84k	-5.53k	-9.04k	-3.02k	0	0	0	-464	-1.61k	-2.79k	-
	4.43k	3.97k																	
0	58	1	72	0	0	0	0	-9.16k	-5.93k	-2.97k	-4.53k	-75.0	0	0	0	-6.84k	-4.95k	-1.86k	-
	3.08k	459																	
0	58	1	73	0	0	0	0	-10.9k	-7.01k	-878	-1.26k	-140	0	0	0	-9.87k	-6.81k	-96.4	
	-320	496																	
0	58	1	78	0	0	0	0	-7.73k	-6.08k	-1.49k	-744	2.36k	0	0	0	-5.82k	-4.57k	-171	
	-190	3.91k																	
0	58	1	77	0	0	0	0	-5.88k	-4.63k	-4.44k	-3.41k	1.92k	0	0	0	-4.06k	-3.13k	-3.29k	-
	1.82k	3.52k																	
0	58	1	-	-	0	0	0	-10.3k	-6.85k	-3.69k	-4.02k	-119	0	0	0	-5.28k	-4.08k	-138	
	-262	3.79k																	
0	59	1	73	0	0	0	0	-10.9k	-7.01k	-130	56.6	-140	0	0	0	-9.91k	-6.89k	667	
	954	496																	
0	59	1	74	0	0	0	0	-9.48k	-6.12k	1.71k	2.72k	-85.5	0	0	0	-7.28k	-5.20k	2.82k	
	4.11k	474																	
0	59	1	79	0	0	0	0	-6.18k	-4.83k	3.02k	1.57k	1.99k	0	0	0	-4.35k	-3.33k	4.22k	
	3.05k	3.59k																	
0	59	1	78	0	0	0	0	-7.73k	-6.08k	-187	34.8	2.37k	0	0	0	-5.88k	-4.63k	1.13k	
	561	3.91k																	

0	59	1	-	-	0	0	0	-10.5k	-6.90k	-158	46.1	-126	0	0	0	-5.43k	-4.21k	3.50k	
0	3.62k	3.83k																	
0	60	1	74	0	0	0	0	-7.98k	-5.26k	2.26k	4.64k	-403	0	0	0	-6.35k	-4.59k	2.99k	
	5.69k	474																	
0	60	1	75	0	0	0	0	-1.71k	-3.22k	3.22k	8.61k	-5.39k	0	0	0	357	-1.85k	3.58k	
	9.47k	25.1k																	
0	60	1	80	0	0	0	0	-447	-1.89k	5.26k	7.52k	-5.50k	0	0	0	2.57k	1.84k	6.35k	
	10.8k	31.2k																	
0	60	1	79	0	0	0	0	-5.65k	-4.48k	3.72k	3.12k	1.78k	0	0	0	-3.62k	-2.90k	4.71k	
	4.28k	3.42k																	
0	60	1	-	-	0	0	0	-6.91k	-5.08k	2.73k	4.04k	-3.10k	0	0	0	-643	-1.71k	5.48k	
	8.89k	4.04k																	
0	61	1	76	0	0	0	0	355	-3.43k	-6.43k	-7.37k	-4.97k	0	0	0	1.52k	-776	-5.77k	-
5.30k	32.2k																		
0	61	1	77	0	0	0	0	-4.08k	-3.16k	-5.06k	-4.15k	3.37k	0	0	0	-2.83k	-2.04k	-4.43k	-
2.89k	4.71k																		
0	61	1	82	0	0	0	0	-3.66k	650	-5.86k	-27.9k	4.29k	0	0	0	-1.18k	1.40k	-5.25k	
	3.24k	7.36k																	
0	61	1	81	0	0	0	0	807	1.45k	-5.35k	-28.8k	8.33k	0	0	0	3.60k	3.36k	-1.88k	-
8.35k	31.4k																		
0	61	1	-	-	0	0	0	-3.08k	-2.41k	-5.96k	-8.24k	-128	0	0	0	1.01k	1.46k	-4.78k	
	79.4	8.44k																	
0	62	1	77	0	0	0	0	-5.04k	-3.86k	-4.64k	-2.80k	4.12k	0	0	0	-3.51k	-2.44k	-3.45k	-
1.64k	4.89k																		
0	62	1	78	0	0	0	0	-5.97k	-4.71k	-1.52k	-660	4.79k	0	0	0	-5.04k	-3.78k	-185	-
72.3	5.50k																		
0	62	1	83	0	0	0	0	-2.32k	-391	-1.24k	-5.06k	8.78k	0	0	0	-1.45k	1.30k	-232	
	1.58k	9.69k																	
0	62	1	82	0	0	0	0	-2.15k	192	-5.76k	-31.7k	7.84k	0	0	0	1.92k	2.52k	-4.23k	
	5.77k	11.8k																	
0	62	1	-	-	0	0	0	-5.67k	-4.43k	-4.97k	-3.06k	4.51k	0	0	0	-1.81k	101	-207	
	1.37k	8.60k																	
0	63	1	78	0	0	0	0	-5.97k	-4.71k	-202	-16.0	4.82k	0	0	0	-5.07k	-3.82k	1.16k	
	496	5.51k																	
0	63	1	79	0	0	0	0	-5.21k	-4.01k	3.17k	1.42k	4.23k	0	0	0	-3.77k	-2.62k	4.42k	
	2.46k	4.97k																	
0	63	1	84	0	0	0	0	-2.27k	89.9	3.92k	-5.93k	8.00k	0	0	0	1.94k	2.41k	5.54k	
	31.5k	12.0k																	
0	63	1	83	0	0	0	0	-2.34k	-398	-243	-1.30k	8.82k	0	0	0	-1.20k	1.35k	836	
	1.91k	10.0k																	
0	63	1	-	-	0	0	0	-5.76k	-4.51k	-215	-1.57k	4.58k	0	0	0	-1.88k	13.7	4.74k	
	2.81k	8.67k																	
0	64	1	79	0	0	0	0	-4.36k	-3.35k	4.21k	2.58k	3.49k	0	0	0	-3.10k	-2.18k	4.91k	
	3.79k	4.81k																	
0	64	1	80	0	0	0	0	188	-3.22k	5.74k	5.71k	-4.48k	0	0	0	1.56k	-859	6.37k	
	7.24k	29.8k																	
0	64	1	85	0	0	0	0	642	1.50k	2.01k	8.12k	8.20k	0	0	0	3.78k	3.32k	5.45k	
	28.0k	30.4k																	
0	64	1	84	0	0	0	0	-3.81k	521	5.04k	-2.75k	4.25k	0	0	0	-1.31k	1.26k	5.78k	
	26.7k	7.46k																	
0	64	1	-	-	0	0	0	-3.29k	-2.55k	4.56k	-68.1	124	0	0	0	833	1.45k	6.04k	
	7.91k	8.21k																	

Sollecitazioni Shell pareti piano 1.Azione 1:Peso proprio

Parete	Zona				min.Lastra			min.Piastra			max.Lastra			max.Piastra					
	N° vy	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
	[N/m]		[N/m]		[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	
1	1	1	1	1	1.49m	-4.81m	91.0μ	1.25k	-0.401	-55.8	-2.53k	-1.61k	10.7m	-0.53m	2.72m	1.76k	415	2.41	-
1.18k	-163																		
1	1	1	2	1	18.4m	-12.5m	2.42m	-89.1	-29.8	156	-1.35k	-145	26.7m	-2.15m	11.4m	246	42.4	215	
	-997	421																	
1	1	1	2	0	4.23m	-44.3m	16.0m	-365	-1.46k	372	-702	1.40k	18.1m	-30.1m	18.5m	-229	-589	456	-
25.4	2.25k																		
1	1	1	1	0	6.27m	13.8μ	4.77m	-88.8	-1.36k	-13.5	-6.69k	1.27k	23.4m	48.3m	18.6m	1.65k	254	298	-
3.41k	5.60k																		
1	1	1	-	-	6.01m	-33.4m	1.56m	-320	-1.51k	-46.3	-3.41k	-504	23.1m	5.55m	19.1m	1.73k	410	467	-
7.08	4.52k																		
1	2	1	2	1	24.0m	-13.2m	1.94m	-374	-79.5	198	-1.05k	-18.3	41.8m	-1.97m	11.1m	-25.1	10.8	227	
	-566	461																	
1	2	1	3	1	38.4m	-14.2m	0.11m	-676	-252	14.7	-191	367	58.5m	-1.48m	2.34m	-587	0.131	115	-
18.5	537																		
1	2	1	3	0	5.41m	-52.2m	0.74m	-456	-1.23k	18.2	-77.5	726	17.6m	-37.7m	6.25m	-362	-824	149	
	1.58	787																	
1	2	1	2	0	5.16m	-48.7m	13.0m	-389	-1.43k	322	-551	1.25k	17.8m	-31.9m	16.7m	-284	-645	425	
	164	1.81k																	
1	2	1	-	-	6.10m	-51.7m	0.60m	-585	-1.31k	16.4	-926	243	52.3m	-1.74m	16.6m	-137	0.211	344	
	169	1.20k																	
1	3	1	3	1	38.7m	-14.1m	-1.78m	-676	-252	-89.8	-21.7	382	58.7m	-1.48m	0.48m	-592	0.157	15.5	
	143	537																	
1	3	1	4	1	25.5m	-13.5m	-10.8m	-436	-106	-229	481	35.5	44.7m	-1.92m	-1.75m	-129	7.09m	-201	
	943	479																	
1	3	1	4	0	4.65m	-49.5m	-16.1m	-394	-1.40k	-406	-174	1.15k	17.7m	-33.3m	-12.1m	-319	-683	-295	
	449	1.61k																	
1	3	1	3	0	5.62m	-52.3m	-4.83m	-456	-1.23k	-114	-5.60	718	17.6m	-37.7m	0.80m	-361	-825	19.0	
	89.1	787																	
1	3	1	-	-	6.27m	-51.9m	-16.0m	-613	-1.30k	-329	-163	278	54.0m	-1.70m	0.73m	-212	0.228	18.4	
	806	1.12k																	
1	4	1	4	1	21.2m	-13.1m	-11.4m	-175	-59.9	-221	879	-97.7	30.2m	-2.17m	-2.43m	139	30.6	-172	
	1.26k	447																	
1	4	1	5	1	1.71m	-4.77m	-3.08m	1.20k	-0.450	-11.0	1.23k	-1.60k	11.0m	-0.55m	-0.14m	1.76k	415	53.6	
	2.50k	-154																	
1	4	1	5	0	6.30m	-2.93m	-18.8m	-134	-1.40k	-311	3.26k	1.26k	23.3m	47.9m	-4.96m	1.65k	252	10.0	

1	6.31k	5.55k	4	0	3.74m	-46.0m	-18.1m	-368	-1.44k	-448	-17.3	1.31k	17.9m	-31.7m	-15.6m	-263	-631	-367
1	577	2.04k	-	-	6.92m	-35.9m	-19.1m	-334	-1.52k	-465	-48.6	-469	24.2m	5.64m	-1.71m	1.73k	409	44.9
1	3.36k	4.37k	82	1	18.4m	-12.5m	2.42m	-247	-42.3	-215	999	-420	26.7m	-2.15m	11.4m	88.4	29.7	-156
1	1.35k	145	81	1	1.55m	-4.91m	34.9μ	-1.77k	-417	-4.98	1.11k	179	10.6m	-0.36m	2.73m	-1.25k	0.135	54.8
1	2.54k	1.58k	81	0	7.42m	0.18m	4.58m	-1.66k	-261	-293	3.41k	-5.24k	24.0m	49.3m	18.3m	36.5	1.32k	6.64
1	6.26k	-1.24k	82	0	3.95m	-44.4m	15.9m	230	588	-458	-5.66	-2.25k	18.1m	-30.0m	18.5m	364	1.46k	-372
1	710	-1.40k	-	-	6.02m	-33.4m	1.56m	-1.73k	-411	-468	-52.5	-4.40k	23.0m	5.26m	18.8m	326	1.53k	45.9
1	3.41k	499	83	1	38.4m	-14.2m	0.11m	588	-0.131	-115	18.5	-537	58.6m	-1.48m	2.34m	676	252	-14.7
1	191	-367	82	1	23.9m	-13.2m	1.94m	24.4	-10.8	-227	567	-461	41.8m	-1.97m	11.1m	374	79.4	-198
1	6	18.3	82	0	5.10m	-48.7m	12.9m	285	645	-425	-176	-1.80k	17.9m	-31.9m	16.7m	392	1.43k	-322
1	555	-1.25k	83	0	5.05m	-52.2m	0.74m	361	825	-149	-1.01	-796	17.4m	-37.7m	6.20m	456	1.23k	-18.2
1	79.4	-727	-	-	5.91m	-51.7m	0.60m	136	-0.211	-344	-172	-1.20k	52.4m	-1.73m	16.6m	585	1.32k	-16.4
1	929	-243	84	1	25.5m	-13.5m	-10.9m	129	-4.87m	201	-945	-480	44.7m	-1.92m	-1.76m	436	106	229
1	-482	-35.4	83	1	38.7m	-14.1m	-1.79m	593	-0.157	-15.5	-144	-537	58.7m	-1.48m	0.48m	676	252	89.9
1	21.7	-382	83	0	5.28m	-52.3m	-4.80m	361	826	-19.0	-91.9	-796	17.5m	-37.7m	0.80m	456	1.23k	114
1	5.66	-715	84	0	4.49m	-49.5m	-16.1m	319	683	295	-451	-1.60k	17.7m	-33.3m	-12.0m	395	1.40k	406
1	192	-1.15k	-	-	6.07m	-51.9m	-16.0m	211	-0.228	-18.4	-808	-1.12k	54.0m	-1.70m	0.73m	613	1.30k	329
1	165	-278	85	1	1.77m	-4.88m	-3.08m	-1.76k	-417	-53.5	-2.51k	170	11.0m	-0.39m	-93.6μ	-1.20k	0.248	13.3
1	1.17k	1.57k	84	1	21.2m	-13.1m	-11.4m	-140	-30.6	172	-1.26k	-447	30.2m	-2.17m	-2.43m	175	59.8	221
1	-881	97.6	84	0	3.45m	-46.1m	-18.1m	264	631	367	-582	-2.03k	17.9m	-31.7m	-15.5m	366	1.44k	449
1	48.8	-1.31k	85	0	7.36m	-2.80m	-18.5m	-1.66k	-259	-3.16	-6.00k	-5.24k	23.9m	49.0m	-4.76m	90.2	1.35k	306
1	3.26k	-1.24k	-	-	6.92m	-35.8m	-18.9m	-1.73k	-411	-44.5	-3.37k	-4.27k	24.2m	5.36m	-1.71m	340	1.53k	467
1	106	466	81	1	-5.21m	-4.84m	-4.87m	-1.76k	-414	44.2	-2.40k	108	10.4m	-1.05m	-1.36m	-1.37k	2.77	92.3
1	-801	1.87k	76	1	13.5m	-10.7m	-13.3m	-608	-118	246	-1.40k	-251	23.4m	-2.00m	-2.70m	-252	0.540	329
1	1.13k	323	76	0	5.50m	-37.4m	-23.4m	33.7	344	429	-940	-2.71k	20.3m	-24.4m	-20.5m	287	1.31k	497
1	53.2	-1.51k	81	0	6.14m	6.54m	-20.1m	-1.66k	-258	31.7	-7.05k	-5.20k	25.4m	49.3m	-5.56m	-90.5	1.15k	269
1	3.57k	-1.18k	-	-	2.13m	-25.4m	-21.9m	-1.73k	-406	45.3	-3.33k	-4.58k	23.3m	5.45m	-2.09m	230	1.36k	482
1	54.8	648	6	1	5.03m	-7.56m	2.24m	-1.07k	-192	-232	1.54k	-100	16.0m	-1.83m	10.3m	-683	0.353	-151
1	10	517	1	1	-2.90m	-4.74m	1.87m	-1.76k	-415	-78.8	1.11k	122	10.8m	-1.00m	5.71m	-1.48k	1.01	-60.2
1	1.75k	10	1	0	5.08m	12.5m	6.30m	-1.65k	-251	-211	3.65k	-3.72k	24.5m	48.3m	18.5m	-523	907	-59.9
1	2.32k	1.81k	6	0	8.50m	-25.7m	19.3m	-288	189	-467	329	-4.21k	19.0m	-10.9m	24.3m	189	1.34k	-307
1	10	1	-	-	1.02m	-14.0m	1.29m	-1.73k	-405	-333	1.43k	-5.13k	19.2m	7.04m	21.8m	109	1.27k	-56.7
1	3.65k	560	11	1	43.2m	-13.4m	1.94m	210	-15.8m	-405	92.0	-327	64.8m	-1.56m	10.3m	308	112	-384
1	11	1	6	1	8.08m	-9.22m	2.24m	-835	-192	-350	990	-191	27.0m	-1.83m	12.7m	-230	0.735	-194
1	1.66k	416	6	0	7.82m	-38.7m	20.0m	-188	189	-496	-204	-3.34k	20.1m	-16.5m	21.8m	307	1.34k	-323
1	11	1	11	0	3.45m	-46.7m	15.5m	228	481	-418	-238	-834	22.3m	-34.0m	19.2m	255	921	-322
1	1.75k	-1.67k	-	-	4.90m	-45.4m	2.69m	-587	-167	-492	-303	-1.74k	46.0m	-1.95m	21.8m	295	1.18k	-203
1	36.9	-557	16	1	61.5m	-12.3m	0.49m	211	-0.121	-261	-107	-197	86.5m	-1.26m	3.93m	291	107	-208
1	78.5	-171	11	1	46.6m	-13.1m	1.25m	286	-93.5m	-391	-11.4	-315	73.4m	-1.45m	8.97m	331	119	-340
1	126	-164	11	0	7.46m	-45.9m	13.5m	195	459	-381	-265	-634	23.2m	-33.5m	17.5m	253	785	-247
1	70.8	-432	16	0	7.47m	-44.7m	6.36m	109	266	-189	-154	-185	28.3m	-31.5m	9.70m	155	430	-124
1	94.7	-142	-	-	8.11m	-45.3m	0.90m	142	-0.106	-396	-263	-518	80.1m	-1.45m	14.7m	323	587	-180
1	12	1	21	1	64.3m	-11.9m	0.43m	187	-9.73m	-188	-98.4	-159	88.2m	-1.28m	2.29m	231	90.8	-179
1	57.1	-167	16	1	62.8m	-12.1m	0.47m	211	-44.6m	-210	-102	-174	87.1m	-1.26m	3.25m	251	101	-201
1	95.0	-152	16	0	8.79m	-43.2m	5.59m	106	266	-169	-123	-159	28.3m	-31.5m	7.33m	144	352	-114
1	13	1	21	0	9.29m	-42.6m	4.84m	93.9	233	-142	-145	-132	29.0m	-31.0m	7.00m	126	316	-100
1	-112	-108	-	-	9.06m	-42.8m	0.47m	103	-21.9m	-204	-128	-174	87.5m	-1.28m	6.41m	237	329	-108
1	13	1	26	1	65.5m	-11.8m	0.18m	164	-32.1m	-161	-94.8	-143	89.4m	-1.25m	1.46m	204	80.9	-152

86.6	-132																		
1	14	1	21	1	64.3m	-11.9m	0.42m	187	-8.15m	-181	-98.4	-155	88.5m	-1.28m	2.29m	224	90.8	-173	-
94.3	-149																		
1	14	1	21	0	9.40m	-42.5m	4.21m	90.0	233	-142	-130	-132	29.0m	-31.0m	5.69m	126	304	-92.1	
	-112	-98.3																	
1	14	1	26	0	9.53m	-42.0m	3.48m	80.9	202	-118	-112	-107	29.7m	-30.5m	5.67m	109	270	-79.8	
	-101	-87.2																	
1	14	1	-	-	9.48m	-42.1m	0.41m	86.0	-18.4m	-175	-116	-150	88.8m	-1.27m	5.01m	211	280	-87.1	-
92.0	-88.0																		
1	15	1	31	1	67.8m	-11.4m	-0.14m	62.9	-73.2m	-75.4	-71.1	-79.7	91.5m	-1.21m	0.55m	104	39.5	-52.4	-
51.2	-50.7																		
1	15	1	26	1	65.5m	-11.8m	-65.7μ	147	-57.8m	-155	-94.2	-140	90.0m	-1.25m	1.60m	197	80.9	-118	-
75.8	-112																		
1	15	1	26	0	9.61m	-41.8m	2.14m	60.1	183	-118	-116	-107	30.0m	-30.2m	4.17m	109	260	-52.0	-
96.8	-44.6																		
1	15	1	31	0	8.73m	-39.7m	0.12m	26.6	76.4	-40.3	-64.2	-26.6	30.9m	-28.7m	1.74m	43.0	118	-15.7	-
42.9	-4.13																		
1	15	1	-	-	9.25m	-40.7m	-35.2μ	40.1	-78.2m	-149	-102	-129	90.2m	-1.41m	3.17m	150	174	-30.8	-
52.0	-8.59																		
1	16	1	36	1	67.8m	-11.2m	-0.21m	21.7	-30.5m	-18.4	-24.8	-33.9	90.4m	-1.29m	0.27m	36.5	17.0	-8.41	-
10.4	-18.7																		
1	16	1	31	1	67.9m	-11.3m	-0.50m	53.5	-33.7m	-54.0	-51.9	-63.0	91.5m	-1.22m	0.10m	79.0	35.6	-37.0	-
36.2	-44.8																		
1	16	1	31	0	8.67m	-38.9m	-1.63m	15.8	57.4	-34.2	-57.0	-21.5	30.9m	-28.5m	0.14m	37.5	87.1	-7.67	-
41.8	17.2																		
1	16	1	36	0	8.36m	-37.7m	-0.41m	4.87	21.2	-6.68	-20.2	5.36	30.8m	-27.7m	1.36m	10.6	32.9	-0.799	-
10.5	22.3																		
1	16	1	-	-	8.72m	-38.2m	-0.70m	8.96	-35.2m	-50.2	-52.1	-45.7	90.0m	-1.43m	0.33m	56.3	68.0	-3.07	-
10.6	21.8																		
1	17	1	41	1	67.8m	-11.1m	-51.6μ	20.0	-4.55m	-4.57	-5.70	-28.0	90.3m	-1.31m	-9.41μ	28.0	15.2	-3.12	-
4.03	-17.4																		
1	17	1	36	1	67.8m	-11.1m	-86.7μ	21.7	-11.2m	-8.75	-12.1	-29.2	90.4m	-1.29m	0.16m	29.6	16.0	-7.18	-
8.73	-18.7																		
1	17	1	36	0	8.32m	-37.4m	-1.47m	4.50	20.3	-4.61	-10.9	6.41	30.7m	-27.7m	86.6μ	9.36	27.2	-0.578	-
8.89	23.3																		
1	17	1	41	0	8.35m	-37.4m	-0.12m	3.72	18.3	-1.78	-6.73	7.44	30.7m	-27.7m	1.14m	8.23	25.2	-0.225	-
3.99	25.4																		
1	17	1	-	-	8.33m	-37.4m	-0.16m	4.17	-7.11m	-7.92	-10.8	-28.3	90.3m	-1.30m	0.14m	28.4	26.6	-0.451	-
4.06	24.2																		
1	18	1	46	1	67.7m	-11.1m	-0.23m	19.8	-10.4m	0.682	0.677	-27.6	90.4m	-1.29m	64.1μ	27.3	15.1	2.11	
	3.91	-17.3																	
1	18	1	41	1	67.8m	-11.1m	-36.6μ	20.0	-4.44m	-3.25	-4.06	-27.7	90.3m	-1.31m	12.3μ	27.6	15.2	-1.91	-
2.36	-17.4																		
1	18	1	41	0	8.34m	-37.3m	-1.31m	3.72	18.1	-1.71	-4.08	7.44	30.7m	-27.7m	-35.1μ	8.23	25.2	-0.111	-
1.06	25.5																		
1	18	1	46	0	8.29m	-37.4m	-0.20m	3.79	18.1	81.3m	0.728	7.66	30.7m	-27.7m	1.31m	8.07	25.0	1.06	
	2.64	24.1																	
1	18	1	-	-	8.32m	-37.3m	-0.24m	3.72	-6.86m	-2.95	-4.07	-27.5	90.3m	-1.30m	29.1μ	27.2	25.1	1.88	
	2.62	24.6																	
1	19	1	51	1	67.9m	-11.3m	-91.2μ	42.2	-28.5m	26.9	27.8	-52.0	91.3m	-1.23m	0.58m	62.8	29.2	41.0	
	42.6	-35.4																	
1	19	1	46	1	67.7m	-11.1m	-0.33m	19.8	-26.1m	2.01	2.38	-29.9	90.3m	-1.29m	0.19m	30.7	15.5	11.0	
	16.1	-17.3																	
1	19	1	46	0	8.32m	-37.5m	-1.51m	3.87	18.2	0.205	2.35	7.41	30.8m	-27.7m	0.29m	8.48	26.0	3.02	
	12.1	24.7																	
1	19	1	51	0	8.53m	-38.4m	0.12m	10.8	41.6	4.25	32.2	-12.2	30.9m	-28.2m	1.90m	28.2	65.4	24.9	
	47.0	22.4																	
1	19	1	-	-	8.63m	-37.9m	-0.38m	5.96	-29.2m	1.37	2.44	-38.3	89.8m	-1.43m	0.78m	43.8	54.1	37.9	
	42.7	24.7																	
1	20	1	56	1	66.5m	-11.7m	-1.05m	121	-49.1m	94.5	67.9	-120	90.7m	-1.25m	0.15m	167	69.4	126	
	86.5	-94.1																	
1	20	1	51	1	67.9m	-11.3m	-0.38m	49.4	-62.0m	39.8	42.0	-66.1	91.4m	-1.22m	0.18m	84.0	32.4	58.9	
	60.5	-40.1																	
1	20	1	51	0	8.63m	-39.1m	-1.42m	19.6	60.2	9.75	36.4	-16.4	30.9m	-28.4m	0.22m	32.8	90.9	29.7	
	53.4	3.43																	
1	20	1	56	0	9.43m	-41.1m	-2.81m	47.3	148	37.3	83.1	-80.9	30.4m	-29.8m	-1.15m	89.8	211	93.2	
	101	-24.2																	
1	20	1	-	-	9.15m	-40.0m	-2.12m	30.9	-67.5m	20.9	42.5	-105	90.4m	-1.41m	0.13m	125	145	121	
	91.9	0.927																	
1	21	1	61	1	65.7m	-11.7m	-1.62m	159	-8.24m	143	89.2	-136	89.8m	-1.27m	-0.29m	191	78.8	149	
	93.0	-127																	
1	21	1	56	1	66.5m	-11.6m	-0.89m	137	-28.6m	124	80.4	-123	90.4m	-1.25m	-64.3μ	173	69.4	132	
	87.9	-110																	
1	21	1	56	0	9.47m	-41.2m	-4.30m	65.6	168	59.5	90.6	-80.9	30.2m	-30.0m	-2.33m	89.8	220	93.2	
	99.1	-60.6																	
1	21	1	61	0	9.41m	-41.7m	-4.10m	73.7	195	69.6	101	-101	29.7m	-30.5m	-2.63m	105	249	113	
	112	-69.7																	

1	243	-320	-	-	8.62m	-44.6m	-12.5m	120	-0.106	144	24.9	-405	83.5m	-1.42m	-0.65m	305	495	358	
1	232	-131	76	1	21.4m	-11.8m	-13.8m	-372	-91.6	303	-1.15k	-297	40.0m	-2.04m	-2.77m	39.0	0.540	393	
1	24	1	71	1	48.5m	-13.2m	-8.63m	285	-47.1m	353	-182	-302	72.0m	-1.42m	-1.54m	330	123	392	
1	1.84	-148	71	0	4.34m	-47.0m	-17.5m	200	439	271	90.2	-589	23.7m	-33.6m	-13.3m	242	792	365	
1	223	-424	76	0	7.04m	-43.3m	-21.8m	95.4	392	434	-719	-2.24k	20.3m	-26.5m	-20.0m	305	1.27k	493	
1	284	-1.33k	76	-	5.42m	-46.5m	-21.2m	-173	-34.7	325	-1.08k	-1.27k	56.7m	-1.77m	-2.37m	286	1.04k	478	
1	334	-17.1	5	1	-2.91m	-4.75m	1.89m	1.47k	-1.02	58.6	-2.32k	-1.81k	10.8m	-1.05m	5.72m	1.76k	415	78.6	-
1.12k	-117	1	10	1	5.05m	-7.57m	2.24m	682	-0.331	151	-1.75k	-517	16.0m	-1.83m	10.4m	1.07k	192	231	-
1	101	25	10	0	8.43m	-25.7m	19.3m	-187	-1.33k	307	-2.04k	1.81k	19.0m	-11.0m	24.3m	285	-189	468	-
1	-262	4.24k	5	0	4.87m	12.4m	6.32m	515	-899	58.5	-5.57k	1.16k	24.4m	47.9m	18.4m	1.65k	249	213	-
3.65k	3.70k	1	-	-	1.02m	-14.0m	1.30m	-120	-1.28k	55.9	-3.65k	-561	19.2m	7.00m	21.8m	1.73k	404	335	-
1.43k	5.21k	1	10	1	8.10m	-9.23m	2.24m	230	-0.731	194	-1.66k	-416	27.0m	-1.83m	12.7m	833	192	349	-
1	-989	191	15	1	43.3m	-13.4m	1.94m	-308	-112	384	-383	80.2	64.8m	-1.56m	10.3m	-211	15.8m	405	-
91.8	327	1	15	0	3.57m	-46.7m	15.5m	-254	-920	322	37.1	556	22.3m	-34.0m	19.2m	-228	-481	418	-
1	26	834	10	0	7.74m	-38.7m	20.1m	-307	-1.34k	323	-1.75k	1.67k	20.1m	-16.6m	21.8m	186	-189	495	-
1	26	1	-	-	4.93m	-45.4m	2.69m	-295	-1.17k	203	-1.80k	-111	46.0m	-1.95m	21.8m	586	167	492	-
1	301	1.74k	15	1	46.6m	-13.1m	1.25m	-330	-119	339	-126	164	73.4m	-1.45m	8.97m	-286	93.5m	390	-
1	11.4	314	20	1	61.5m	-12.3m	0.50m	-291	-107	208	78.4	171	86.5m	-1.26m	3.94m	-210	0.121	261	-
1	107	197	20	0	7.55m	-44.7m	6.37m	-155	-430	124	94.2	142	28.3m	-31.5m	9.72m	-109	-265	189	-
1	153	185	15	0	7.43m	-45.9m	13.5m	-253	-784	247	71.1	431	23.2m	-33.5m	17.5m	-194	-459	381	-
1	27	1	-	-	8.15m	-45.3m	0.90m	-323	-587	180	-56.9	167	80.1m	-1.45m	14.7m	-142	0.105	396	-
1	262	517	20	1	62.8m	-12.1m	0.47m	-251	-101	201	93.6	166	87.1m	-1.26m	3.26m	-210	44.5m	210	-
1	28	173	25	1	64.3m	-11.9m	0.44m	-230	-90.7	179	94.9	152	88.2m	-1.28m	2.30m	-187	9.71m	188	-
1	98.4	159	25	0	9.31m	-42.6m	4.85m	-126	-316	99.9	112	108	29.1m	-31.0m	6.99m	-93.8	-232	142	-
1	144	132	20	0	8.83m	-43.2m	5.59m	-144	-352	114	112	138	28.3m	-31.5m	7.32m	-106	-265	169	-
1	123	159	-	-	9.09m	-42.8m	0.47m	-237	-329	108	95.6	136	87.5m	-1.28m	6.40m	-103	21.9m	204	-
1	128	174	25	1	64.3m	-11.9m	0.42m	-224	-90.7	173	94.2	149	88.5m	-1.28m	2.30m	-187	8.14m	181	-
1	29	155	30	1	65.5m	-11.8m	0.18m	-204	-80.9	152	86.5	132	89.4m	-1.25m	1.46m	-164	32.1m	161	-
1	94.8	143	30	0	9.54m	-42.0m	3.49m	-109	-270	79.7	102	86.4	29.7m	-30.5m	5.66m	-80.7	-202	118	-
1	112	107	25	0	9.41m	-42.5m	4.20m	-126	-303	92.0	112	98.2	29.1m	-31.0m	5.68m	-89.9	-232	142	-
1	130	132	-	-	9.49m	-42.1m	0.41m	-210	-280	87.0	92.0	88.2	88.8m	-1.27m	5.00m	-86.0	18.4m	175	-
1	29	1	30	1	65.5m	-11.8m	-65.1μ	-197	-80.9	118	75.7	112	90.0m	-1.25m	1.61m	-146	57.8m	154	-
1	94.1	140	35	1	67.8m	-11.4m	-0.14m	-104	-39.4	52.4	51.2	50.7	91.5m	-1.21m	0.56m	-62.9	73.1m	75.4	-
1	71.1	79.6	35	0	8.75m	-39.7m	0.12m	-43.0	-118	15.7	43.0	4.29	30.9m	-28.7m	1.74m	-26.6	-76.3	40.3	-
1	64.2	26.6	30	0	9.61m	-41.8m	2.14m	-109	-260	52.0	96.6	44.8	30.0m	-30.2m	4.16m	-60.1	-183	118	-
1	116	107	-	-	9.26m	-40.7m	-34.8μ	-150	-174	30.8	51.9	8.71	90.3m	-1.41m	3.18m	-40.1	78.1m	148	-
1	102	129	35	1	67.9m	-11.3m	-0.49m	-78.9	-35.5	36.9	36.2	44.8	91.5m	-1.22m	0.10m	-53.4	33.7m	53.9	-
1	31	1	40	1	67.8m	-11.2m	-0.21m	-36.5	-16.9	8.40	10.4	18.7	90.4m	-1.29m	0.27m	-21.7	30.5m	18.4	-
1	24.8	33.9	40	0	8.37m	-37.7m	-0.41m	-10.6	-32.8	0.797	10.5	-22.3	30.8m	-27.7m	1.36m	-4.86	-21.1	6.67	-
1	31	-5.37	35	0	8.68m	-38.9m	-1.63m	-37.5	-87.0	7.65	41.8	-17.1	30.9m	-28.5m	0.14m	-15.8	-57.4	34.2	-
1	56.7	21.5	-	-	8.72m	-38.2m	-0.70m	-56.2	-67.9	3.06	10.6	-21.9	90.0m	-1.43m	0.33m	-8.95	35.2m	50.2	-
1	52.1	45.7	40	1	67.8m	-11.1m	-86.5μ	-29.6	-16.0	7.17	8.73	18.7	90.4m	-1.29m	0.16m	-21.7	11.2m	8.75	-
1	32	1	45	1	67.8m	-11.1m	-51.5μ	-27.9	-15.2	3.12	4.03	17.4	90.3m	-1.31m	-9.38μ	-20.0	4.55m	4.56	-
1	5.70	28.0	45	0	8.35m	-37.4m	-0.12m	-8.22	-25.2	0.224	3.99	-25.4	30.7m	-27.7m	1.14m	-3.72	-18.3	1.77	-
1	6.70	-7.44	40	0	8.32m	-37.4m	-1.47m	-9.35	-27.2	0.576	8.88	-23.2	30.7m	-27.7m	86.8μ	-4.49	-20.3	4.60	-
1	10.9	-6.41	-	-	8.34m	-37.4m	-0.16m	-28.3	-26.6	0.449	4.06	-24.2	90.4m	-1.30m	0.14m	-4.16	7.11m	7.91	-
1	10.8	28.3	45	1	67.8m	-11.1m	-36.5μ	-27.5	-15.2	1.91	2.36	17.4	90.3m	-1.31m	12.4μ	-20.0	4.43m	3.24	-
1	4.05	27.7	50	1	67.8m	-11.1m	-0.23m	-27.3	-15.1	-2.11	-3.91	17.3	90.4m	-1.29m	64.1μ	-19.8	10.4m	-0.681	-

0	2	2	2	0	0	0	0	-3.51k	-6.45k	6.53k	-9.66k	2.11k	0	0	0	-2.45k	-6.17k	7.28k	-
4.00k	2.11k	2	2	3	0	0	0	-4.35k	-12.0k	250	-1.50k	5.97k	0	0	0	-3.90k	-11.2k	303	
0	-516	5.97k	2	8	0	0	0	-5.65k	-9.76k	153	-187	4.80k	0	0	0	-5.22k	-8.77k	1.41k	
0	347	5.01k	2	7	0	0	0	-5.46k	-7.16k	3.44k	-1.69k	1.49k	0	0	0	-4.83k	-5.54k	5.06k	-
1.91	3.35k	2	2	-	-	0	0	-5.60k	-10.4k	225	-483	1.80k	0	0	0	-4.42k	-5.91k	5.75k	
0	1.67k	5.49k	2	3	0	0	0	-4.33k	-11.9k	242	249	5.93k	0	0	0	-3.86k	-11.2k	248	
0	841	5.93k	2	4	0	0	0	-3.59k	-7.23k	-6.84k	3.67k	2.80k	0	0	0	-2.52k	-6.86k	-6.17k	
0	9.10k	2.80k	2	9	0	0	0	-5.50k	-7.51k	-4.78k	-168	2.16k	0	0	0	-4.92k	-5.96k	-3.13k	
0	1.44k	3.71k	2	8	0	0	0	-5.65k	-9.76k	-1.07k	-329	4.89k	0	0	0	-5.23k	-8.91k	214	
0	133	5.02k	2	-	-	0	0	-5.61k	-10.4k	-5.44k	-1.76k	2.48k	0	0	0	-4.50k	-6.51k	225	
0	394	5.52k	2	4	0	0	0	-4.47k	-7.62k	-6.99k	4.58k	4.67k	0	0	0	-4.32k	-7.01k	-6.17k	
0	10.7k	4.67k	2	5	0	0	0	6.20k	2.63k	-4.40k	52.3k	-23.2k	0	0	0	6.20k	2.63k	-4.40k	
0	52.3k	-23.2k	2	10	0	0	0	-2.35k	-3.09k	-9.17k	6.04k	-8.03k	0	0	0	-803	-2.05k	-6.82k	
0	8.03k	3.02k	2	9	0	0	0	-5.33k	-6.21k	-5.38k	145	15.1	0	0	0	-4.63k	-4.94k	-4.27k	
0	2.46k	1.69k	2	-	-	0	0	-4.56k	-6.41k	-7.08k	-1.58k	-12.8k	0	0	0	-896	-1.22k	-5.36k	
0	9.92k	3.18k	2	6	0	0	0	-4.64k	-3.79k	7.08k	-5.50k	-6.10k	0	0	0	-1.12k	-2.54k	9.05k	-
1.04k	12.9k	2	7	0	0	0	0	-6.38k	-5.59k	3.54k	-2.94k	-1.13k	0	0	0	-4.83k	-4.58k	5.12k	
0	-865	686	2	12	0	0	0	-9.77k	-5.07k	2.21k	1.07k	207	0	0	0	-8.35k	-4.66k	3.02k	
0	2.10k	709	2	11	0	0	0	-12.0k	-4.09k	4.12k	2.14k	-4.13k	0	0	0	-10.4k	-1.64k	4.99k	
0	3.54k	19.4k	2	-	-	0	0	-11.0k	-5.33k	2.80k	-6.42k	-4.11k	0	0	0	-3.07k	-3.00k	6.63k	
0	3.49k	1.25k	2	7	0	0	0	-6.48k	-7.18k	3.03k	-1.69k	380	0	0	0	-5.10k	-5.40k	4.59k	
0	-431	2.46k	2	8	0	0	0	-6.63k	-9.13k	134	-187	3.05k	0	0	0	-5.63k	-7.50k	1.45k	
0	23.0	4.20k	2	13	0	0	0	-8.33k	-5.96k	65.7	70.5	1.31k	0	0	0	-7.74k	-5.29k	594	
0	437	1.82k	2	12	0	0	0	-9.38k	-5.25k	1.49k	739	590	0	0	0	-8.22k	-4.82k	2.62k	
0	1.50k	958	2	-	-	0	0	-8.67k	-8.47k	92.9	-482	413	0	0	0	-5.52k	-5.14k	3.25k	
0	904	3.64k	2	8	0	0	0	-6.63k	-9.12k	-1.10k	-27.2	3.09k	0	0	0	-5.63k	-7.54k	172	
0	133	4.20k	2	9	0	0	0	-6.52k	-7.52k	-4.33k	333	725	0	0	0	-5.21k	-5.63k	-2.75k	
0	1.43k	2.81k	2	14	0	0	0	-9.22k	-5.34k	-2.39k	-1.35k	707	0	0	0	-8.14k	-4.89k	-1.33k	
0	-657	1.04k	2	13	0	0	0	-8.29k	-5.96k	-445	-333	1.35k	0	0	0	-7.74k	-5.31k	87.5	-
10.8	1.82k	2	-	-	0	0	0	-8.58k	-8.66k	-3.00k	-792	660	0	0	0	-5.55k	-5.18k	118	
0	394	3.81k	2	9	0	0	0	-6.44k	-6.01k	-4.93k	746	-620	0	0	0	-4.98k	-4.93k	-3.29k	
0	2.46k	1.24k	2	10	0	0	0	-4.68k	-3.69k	-9.07k	1.11k	-5.98k	0	0	0	-1.13k	-2.58k	-6.94k	
0	5.30k	11.7k	2	15	0	0	0	-12.1k	-4.12k	-4.90k	-3.47k	-3.85k	0	0	0	-10.3k	-1.77k	-4.08k	-
2.40k	17.8k	2	14	0	0	0	0	-9.61k	-5.18k	-2.82k	-1.95k	272	0	0	0	-8.27k	-4.73k	-2.02k	
0	-950	784	2	-	-	0	0	-10.9k	-5.52k	-6.53k	-3.35k	-3.92k	0	0	0	-3.26k	-3.10k	-2.56k	
0	5.94k	1.25k	2	11	0	0	0	-12.7k	-4.95k	3.68k	3.60k	-4.42k	0	0	0	-11.4k	-3.43k	4.56k	
0	5.80k	20.3k	2	12	0	0	0	-10.5k	-4.83k	1.88k	1.81k	223	0	0	0	-9.38k	-4.47k	2.68k	
0	2.41k	734	2	17	0	0	0	-12.2k	-4.08k	1.14k	2.63k	273	0	0	0	-11.2k	-3.80k	1.54k	
0	2.83k	671	2	16	0	0	0	-14.4k	-3.77k	1.72k	1.40k	-3.42k	0	0	0	-13.8k	-1.91k	2.22k	
0	3.22k	18.0k	2	-	-	0	0	-13.7k	-4.49k	1.44k	2.39k	-2.11k	0	0	0	-10.1k	-3.54k	3.82k	
0	3.70k	1.32k	2	12	0	0	0	-10.2k	-5.07k	1.39k	1.06k	706	0	0	0	-8.83k	-4.54k	2.21k	
0	1.95k	900	2	13	0	0	0	-8.70k	-5.34k	59.7	126	1.07k	0	0	0	-8.24k	-4.84k	553	
0	514	1.27k	2	18	0	0	0	-9.73k	-4.19k	37.6	241	757	0	0	0	-9.25k	-3.87k	334	
0	898	861	2	17	0	0	0	-11.6k	-4.12k	808	1.91k	625	0	0	0	-10.6k	-3.83k	1.39k	
0	2.45k	703	2	-	-	0	0	-11.0k	-5.25k	49.1	196	683	0	0	0	-8.43k	-3.87k	1.75k	
0	2.28k	1.13k	2	13	0	0	0	-8.67k	-5.34k	-415	-391	1.08k	0	0	0	-8.24k	-4.84k	67.0	-
20.5	1.27k	2	14	0	0	0	0	-10.0k	-5.12k	-2.02k	-1.79k	754	0	0	0	-8.72k	-4.59k	-1.24k	
0	-945	958	2	19	0	0	0	-11.4k	-4.14k	-1.28k	-2.31k	646	0	0	0	-10.4k	-3.84k	-726	-
0	11	2																	
1.74k	720																		

0	11	2	18	0	0	0	0	-9.64k	-4.19k	-251	-690	763	0	0	0	-9.25k	-3.87k	46.9	-
41.4	861																		
0	11	2	-	-	0	0	0	-10.8k	-5.27k	-1.60k	-2.12k	714	0	0	0	-8.37k	-3.87k	55.6	-
33.1	1.17k																		
0	12	2	14	0	0	0	0	-10.3k	-4.90k	-2.51k	-2.28k	286	0	0	0	-9.22k	-4.52k	-1.72k	-
1.65k	799																		
0	12	2	15	0	0	0	0	-12.7k	-4.82k	-4.59k	-5.48k	-4.12k	0	0	0	-11.3k	-3.49k	-3.62k	-
3.54k	18.6k																		
0	12	2	20	0	0	0	0	-14.5k	-3.77k	-2.19k	-3.22k	-3.21k	0	0	0	-13.7k	-2.03k	-1.73k	-
1.66k	16.6k																		
0	12	2	19	0	0	0	0	-12.0k	-4.10k	-1.46k	-2.75k	306	0	0	0	-11.0k	-3.82k	-1.05k	-
2.51k	701																		
0	12	2	-	-	0	0	0	-13.6k	-4.56k	-3.73k	-3.66k	-2.14k	0	0	0	-9.99k	-3.57k	-1.38k	-
2.24k	1.33k																		
0	13	2	16	0	0	0	0	-15.0k	-4.62k	1.72k	3.04k	-3.95k	0	0	0	-14.0k	-3.22k	1.78k	
	4.39k	18.9k																	
0	13	2	17	0	0	0	0	-12.3k	-3.84k	1.10k	2.68k	178	0	0	0	-11.6k	-3.75k	1.32k	
	2.85k	646																	
0	13	2	22	0	0	0	0	-12.4k	-3.73k	997	2.71k	190	0	0	0	-11.8k	-3.68k	1.19k	
	2.82k	613																	
0	13	2	21	0	0	0	0	-14.6k	-3.69k	1.49k	1.57k	-3.49k	0	0	0	-14.2k	-2.17k	1.62k	
	2.97k	18.0k																	
0	13	2	-	-	0	0	0	-14.2k	-3.76k	1.07k	2.71k	-3.72k	0	0	0	-11.7k	-3.48k	1.71k	
	3.18k	1.41k																	
0	14	2	17	0	0	0	0	-11.7k	-3.87k	807	1.96k	590	0	0	0	-10.7k	-3.80k	1.14k	
	2.47k	656																	
0	14	2	18	0	0	0	0	-9.73k	-3.87k	38.5	266	725	0	0	0	-9.53k	-3.82k	313	
	898	738																	
0	14	2	23	0	0	0	0	-9.89k	-3.73k	34.2	274	699	0	0	0	-9.65k	-3.68k	280	
	931	711																	
0	14	2	22	0	0	0	0	-11.9k	-3.74k	716	2.00k	568	0	0	0	-10.9k	-3.69k	1.03k	
	2.48k	632																	
0	14	2	-	-	0	0	0	-11.8k	-3.88k	37.5	272	579	0	0	0	-9.61k	-3.69k	1.07k	
	2.48k	725																	
0	15	2	18	0	0	0	0	-9.64k	-3.87k	-235	-690	731	0	0	0	-9.53k	-3.82k	38.5	-
45.7	738																		
0	15	2	19	0	0	0	0	-11.4k	-3.88k	-1.05k	-2.33k	612	0	0	0	-10.5k	-3.81k	-725	-
1.78k	673																		
0	15	2	24	0	0	0	0	-11.6k	-3.75k	-960	-2.35k	590	0	0	0	-10.7k	-3.69k	-645	-
1.83k	648																		
0	15	2	23	0	0	0	0	-9.80k	-3.73k	-210	-716	704	0	0	0	-9.65k	-3.68k	37.0	-
47.2	711																		
0	15	2	-	-	0	0	0	-11.5k	-3.88k	-991	-2.34k	601	0	0	0	-9.61k	-3.69k	37.5	-
46.8	731																		
0	16	2	19	0	0	0	0	-12.1k	-3.85k	-1.25k	-2.77k	224	0	0	0	-11.4k	-3.77k	-1.02k	-
2.58k	673																		
0	16	2	20	0	0	0	0	-15.0k	-4.51k	-1.80k	-4.18k	-3.62k	0	0	0	-14.0k	-3.25k	-1.73k	-
3.04k	17.3k																		
0	16	2	25	0	0	0	0	-14.7k	-3.69k	-1.61k	-2.98k	-3.24k	0	0	0	-14.1k	-2.27k	-1.49k	-
1.79k	16.6k																		
0	16	2	24	0	0	0	0	-12.2k	-3.73k	-1.13k	-2.75k	233	0	0	0	-11.5k	-3.69k	-927	-
2.61k	640																		
0	16	2	-	-	0	0	0	-14.1k	-3.77k	-1.68k	-3.16k	-3.43k	0	0	0	-11.5k	-3.50k	-993	-
2.61k	1.37k																		
0	17	2	21	0	0	0	0	-15.1k	-4.47k	1.49k	2.87k	-3.42k	0	0	0	-14.2k	-3.22k	1.53k	
	4.11k	17.7k																	
0	17	2	22	0	0	0	0	-12.5k	-3.70k	965	2.69k	176	0	0	0	-11.9k	-3.63k	1.15k	
	2.83k	590																	
0	17	2	27	0	0	0	0	-12.6k	-3.59k	873	2.70k	135	0	0	0	-12.0k	-3.55k	1.04k	
	2.80k	578																	
0	17	2	26	0	0	0	0	-14.7k	-3.68k	1.22k	1.38k	-3.74k	0	0	0	-14.4k	-2.09k	1.39k	
	2.80k	18.1k																	
0	17	2	-	-	0	0	0	-14.3k	-3.64k	936	2.70k	-3.58k	0	0	0	-11.9k	-3.43k	1.47k	
	3.12k	1.32k																	
0	18	2	22	0	0	0	0	-11.9k	-3.71k	715	2.00k	546	0	0	0	-10.9k	-3.66k	996	
	2.49k	608																	
0	18	2	23	0	0	0	0	-9.89k	-3.69k	34.6	277	672	0	0	0	-9.69k	-3.63k	281	
	931	684																	
0	18	2	28	0	0	0	0	-10.0k	-3.55k	30.5	283	646	0	0	0	-9.80k	-3.50k	250	
	954	657																	
0	18	2	27	0	0	0	0	-12.0k	-3.59k	632	2.03k	523	0	0	0	-11.1k	-3.55k	904	
	2.50k	584																	
0	18	2	-	-	0	0	0	-11.9k	-3.70k	33.7	281	535	0	0	0	-9.76k	-3.52k	934	
	2.50k	672																	
0	19	2	23	0	0	0	0	-9.80k	-3.68k	-211	-716	677	0	0	0	-9.69k	-3.63k	34.6	-
47.7	684																		
0	19	2	24	0	0	0	0	-11.6k	-3.71k	-926	-2.36k	567	0	0	0	-10.7k	-3.66k	-644	-
1.83k	624																		
0	19	2	29	0	0	0	0	-11.8k	-3.59k	-842	-2.37k	544	0	0	0	-10.8k	-3.55k	-570	-
1.86k	602																		
0	19	2	28	0	0	0	0	-9.95k	-3.55k	-188	-735	651	0	0	0	-9.80k	-3.50k	33.1	-
48.8	657																		
0	19	2	-	-	0	0	0	-11.7k	-3.70k	-869	-2.37k	555	0	0	0	-9.76k	-3.52k	33.7	-
48.4	677																		
0	20	2	24	0	0	0	0	-12.3k	-3.70k	-1.10k	-2.76k	218	0	0	0	-11.6k	-3.64k	-898	-
2.60k	616																		
0	20	2	25	0	0	0	0	-15.1k	-4.38k	-1.54k	-3.92k	-3.17k	0	0	0	-14.1k	-3.25k	-1.49k	-
2.88k	16.3k																		
0	20	2	30	0	0	0	0	-14.8k	-3.66k	-1.37k	-2.82k	-3.44k	0	0	0	-14.3k	-2.19k	-1.24k	-
1.60k	16.6k																		
0	20	2	29	0	0	0	0	-12.4k	-3.59k	-988	-2.74k	178	0	0	0	-11.7k	-3.55k	-813	-
2.62k	602																		
0	20	2	-	-	0	0	0	-14.3k	-3.66k	-1.44k	-3.11k	-3.30k	0	0	0	-11.7k	-3.44k	-871	-
2.62k	1.28k																		
0	21	2	26	0	0	0	0	-15.3k	-4.63k	1.09k	2.69k	-3.15k	0	0	0	-14.3k	-3.16k	1.29k	
	4.19k	16.7k																	

0	21	2	27	0	0	0	0	-12.8k	-3.56k	705	2.68k	192	0	0	0	-12.0k	-3.36k	1.00k
	2.81k	534																
0	21	2	32	0	0	0	0	-13.2k	-3.11k	358	2.63k	70.1	0	0	0	-12.5k	-2.98k	505
	2.69k	351																
0	21	2	31	0	0	0	0	-15.1k	-3.30k	395	1.24k	-2.36k	0	0	0	-14.7k	-2.18k	663
	2.47k	11.6k																
0	21	2	-	-	0	0	0	-14.7k	-3.57k	424	2.41k	-1.47k	0	0	0	-12.3k	-3.03k	1.26k
	2.94k	1.12k																
0	22	2	27	0	0	0	0	-12.2k	-3.56k	580	2.03k	453	0	0	0	-11.1k	-3.35k	870
	2.51k	557																
0	22	2	28	0	0	0	0	-10.1k	-3.51k	26.7	285	556	0	0	0	-9.83k	-3.25k	251
	966	627																
0	22	2	33	0	0	0	0	-10.6k	-2.92k	13.1	299	354	0	0	0	-10.3k	-2.76k	123
	999	431																
0	22	2	32	0	0	0	0	-12.6k	-3.10k	268	2.06k	287	0	0	0	-11.6k	-2.89k	472
	2.49k	357																
0	22	2	-	-	0	0	0	-12.4k	-3.54k	20.2	295	329	0	0	0	-10.1k	-2.81k	640
	2.50k	605																
0	23	2	28	0	0	0	0	-10.0k	-3.51k	-189	-744	558	0	0	0	-9.83k	-3.25k	30.6
49.1	627																	-
0	23	2	29	0	0	0	0	-12.0k	-3.56k	-811	-2.39k	473	0	0	0	-10.8k	-3.34k	-524
1.86k	571																	-
0	23	2	34	0	0	0	0	-12.3k	-3.08k	-442	-2.39k	298	0	0	0	-11.4k	-2.87k	-244
1.90k	367																	-
0	23	2	33	0	0	0	0	-10.5k	-2.92k	-93.0	-771	357	0	0	0	-10.3k	-2.76k	18.8
51.5	431																	-
0	23	2	-	-	0	0	0	-12.2k	-3.54k	-598	-2.39k	336	0	0	0	-10.1k	-2.79k	24.2
50.8	612																	-
0	24	2	29	0	0	0	0	-12.5k	-3.56k	-954	-2.75k	219	0	0	0	-11.8k	-3.36k	-659
2.60k	559																	-
0	24	2	30	0	0	0	0	-15.2k	-4.53k	-1.28k	-3.97k	-2.96k	0	0	0	-14.3k	-3.18k	-1.10k
2.71k	15.4k																	-
0	24	2	35	0	0	0	0	-15.1k	-3.28k	-652	-2.49k	-2.20k	0	0	0	-14.7k	-2.25k	-411
1.42k	10.7k																	-
0	24	2	34	0	0	0	0	-12.9k	-3.10k	-479	-2.66k	88.9	0	0	0	-12.2k	-2.95k	-336
2.57k	366																	-
0	24	2	-	-	0	0	0	-14.7k	-3.57k	-1.24k	-2.91k	-1.51k	0	0	0	-12.1k	-3.02k	-414
2.44k	1.11k																	-
0	25	2	31	0	0	0	0	-15.5k	-3.99k	379	2.39k	-2.13k	0	0	0	-14.7k	-2.93k	483
	3.24k	10.7k																
0	25	2	32	0	0	0	0	-13.2k	-3.01k	265	2.60k	62.3	0	0	0	-12.6k	-2.88k	400
	2.67k	282																
0	25	2	37	0	0	0	0	-13.3k	-2.83k	65.5	2.57k	12.8	0	0	0	-12.7k	-2.74k	144
	2.61k	121																
0	25	2	36	0	0	0	0	-15.3k	-3.02k	70.1	1.88k	-646	0	0	0	-14.9k	-2.79k	171
	2.32k	3.01k																
0	25	2	-	-	0	0	0	-14.9k	-3.12k	77.3	2.26k	-790	0	0	0	-12.7k	-2.80k	488
	2.74k	678																
0	26	2	32	0	0	0	0	-12.7k	-2.98k	237	2.06k	208	0	0	0	-11.6k	-2.84k	356
	2.48k	288																
0	26	2	33	0	0	0	0	-10.6k	-2.79k	10.9	301	262	0	0	0	-10.4k	-2.64k	111
	999	328																
0	26	2	38	0	0	0	0	-10.8k	-2.50k	1.92	301	85.1	0	0	0	-10.5k	-2.45k	29.6
	998	149																
0	26	2	37	0	0	0	0	-12.8k	-2.78k	50.3	2.05k	68.9	0	0	0	-11.8k	-2.62k	135
	2.44k	122																
0	26	2	-	-	0	0	0	-12.7k	-2.86k	6.68	301	78.9	0	0	0	-10.5k	-2.51k	229
	2.45k	315																
0	27	2	33	0	0	0	0	-10.5k	-2.78k	-83.7	-771	263	0	0	0	-10.4k	-2.64k	13.5
51.7	328																	-
0	27	2	34	0	0	0	0	-12.4k	-2.96k	-335	-2.38k	218	0	0	0	-11.4k	-2.82k	-216
1.90k	296																	-
0	27	2	39	0	0	0	0	-12.5k	-2.75k	-127	-2.35k	71.3	0	0	0	-11.6k	-2.60k	-45.8
1.89k	126																	-
0	27	2	38	0	0	0	0	-10.7k	-2.50k	-22.3	-770	85.9	0	0	0	-10.5k	-2.45k	5.76
51.7	149																	-
0	27	2	-	-	0	0	0	-12.5k	-2.84k	-216	-2.35k	80.6	0	0	0	-10.5k	-2.49k	9.27
51.7	319																	-
0	28	2	34	0	0	0	0	-13.0k	-2.99k	-385	-2.64k	79.1	0	0	0	-12.3k	-2.86k	-250
2.54k	296																	-
0	28	2	35	0	0	0	0	-15.4k	-3.92k	-478	-3.11k	-1.99k	0	0	0	-14.7k	-2.94k	-385
2.41k	9.81k																	-
0	28	2	40	0	0	0	0	-15.3k	-3.02k	-168	-2.35k	-628	0	0	0	-14.8k	-2.81k	-73.2
1.94k	2.76k																	-
0	28	2	39	0	0	0	0	-13.1k	-2.81k	-137	-2.59k	17.9	0	0	0	-12.5k	-2.71k	-61.6
2.52k	126																	-
0	28	2	-	-	0	0	0	-14.8k	-3.11k	-481	-2.74k	-813	0	0	0	-12.4k	-2.77k	-75.5
2.29k	670																	-
0	29	2	36	0	0	0	0	-15.4k	-3.17k	70.0	2.31k	-478	0	0	0	-14.9k	-2.94k	79.3
	2.38k	2.21k																
0	29	2	37	0	0	0	0	-13.3k	-2.81k	55.5	2.56k	1.56	0	0	0	-12.8k	-2.74k	73.3
	2.60k	55.5																
0	29	2	42	0	0	0	0	-13.3k	-2.80k	24.2	2.56k	4.09	0	0	0	-12.8k	-2.73k	38.9
	2.60k	33.6																
0	29	2	41	0	0	0	0	-15.3k	-2.99k	29.2	2.04k	-261	0	0	0	-14.9k	-2.94k	48.9
	2.31k	1.33k																
0	29	2	-	-	0	0	0	-14.9k	-2.98k	29.1	2.30k	-370	0	0	0	-12.8k	-2.74k	87.8
	2.64k	149																
0	30	2	37	0	0	0	0	-12.8k	-2.75k	46.3	2.04k	47.1	0	0	0	-11.8k	-2.62k	65.5
	2.44k	55.6																
0	30	2	38	0	0	0	0	-10.8k	-2.48k	2.28	301	59.6	0	0	0	-10.5k	-2.45k	21.1
	998	60.8																
0	30	2	43	0	0	0	0	-10.8k	-2.47k	0.433	301	37.6	0	0	0	-10.5k	-2.44k	8.29
	997	38.4																
0	30	2	42	0	0	0	0	-12.8k	-2.74k	19.0	2.04k	29.6	0	0	0	-11.8k	-2.61k	35.0
	2.43k	33.7																

0	30	2	-	-	0	0	0	-12.8k	-2.74k	1.86	301	33.5	0	0	0	-10.5k	-2.45k	45.2
	2.43k	59.6																
0	31	2	38	0	0	0	0	-10.7k	-2.47k	-15.9	-770	60.1	0	0	0	-10.5k	-2.45k	2.28
51.7	60.8																	-
0	31	2	39	0	0	0	0	-12.5k	-2.71k	-61.7	-2.34k	49.0	0	0	0	-11.6k	-2.60k	-42.6
1.89k	57.7																	-
0	31	2	44	0	0	0	0	-12.5k	-2.70k	-33.0	-2.34k	30.9	0	0	0	-11.6k	-2.58k	-17.3
1.89k	35.1																	-
0	31	2	43	0	0	0	0	-10.7k	-2.46k	-5.77	-770	38.0	0	0	0	-10.5k	-2.44k	1.61
51.7	38.4																	-
0	31	2	-	-	0	0	0	-12.5k	-2.71k	-42.6	-2.34k	34.5	0	0	0	-10.5k	-2.45k	1.86
51.7	60.1																	-
0	32	2	39	0	0	0	0	-13.1k	-2.78k	-70.7	-2.58k	6.61	0	0	0	-12.5k	-2.71k	-52.3
2.51k	57.7																	-
0	32	2	40	0	0	0	0	-15.4k	-3.16k	-80.4	-2.39k	-438	0	0	0	-14.8k	-2.94k	-73.1
2.30k	2.02k																	-
0	32	2	45	0	0	0	0	-15.3k	-2.99k	-48.4	-2.33k	-242	0	0	0	-14.8k	-2.94k	-30.0
2.07k	1.22k																	-
0	32	2	44	0	0	0	0	-13.1k	-2.78k	-37.5	-2.57k	6.78	0	0	0	-12.5k	-2.70k	-22.7
2.51k	35.1																	-
0	32	2	-	-	0	0	0	-14.8k	-2.98k	-86.7	-2.64k	-340	0	0	0	-12.5k	-2.71k	-28.4
2.32k	143																	-
0	33	2	41	0	0	0	0	-15.4k	-3.06k	21.1	2.17k	-97.6	0	0	0	-14.9k	-2.97k	31.3
	2.32k	532																-
0	33	2	42	0	0	0	0	-13.3k	-2.80k	14.5	2.56k	1.93	0	0	0	-12.8k	-2.73k	27.5
	2.60k	13.7																-
0	33	2	47	0	0	0	0	-13.3k	-2.80k	-17.6	2.56k	-6.96	0	0	0	-12.8k	-2.73k	-5.78
	2.60k	1.75																-
0	33	2	46	0	0	0	0	-15.4k	-3.04k	-17.5	2.16k	-280	0	0	0	-14.9k	-2.97k	-6.59
	2.31k	78.1																-
0	33	2	-	-	0	0	0	-14.9k	-2.98k	-20.0	2.29k	-30.2	0	0	0	-12.8k	-2.73k	33.3
	2.63k	37.4																-
0	34	2	42	0	0	0	0	-12.8k	-2.74k	12.1	2.04k	12.0	0	0	0	-11.8k	-2.61k	24.2
	2.43k	13.7																-
0	34	2	43	0	0	0	0	-10.8k	-2.47k	0.600	301	15.7	0	0	0	-10.5k	-2.44k	8.03
	997	16.1																-
0	34	2	48	0	0	0	0	-10.8k	-2.47k	-5.18	301	-6.23	0	0	0	-10.5k	-2.44k	-0.234
	997	-6.18																-
0	34	2	47	0	0	0	0	-12.8k	-2.73k	-15.5	2.04k	-6.98	0	0	0	-11.8k	-2.61k	-4.81
	2.43k	-5.37																-
0	34	2	-	-	0	0	0	-12.8k	-2.73k	-10.3	301	-6.18	0	0	0	-10.5k	-2.44k	16.1
	2.43k	15.7																-
0	35	2	43	0	0	0	0	-10.7k	-2.46k	-6.11	-770	15.9	0	0	0	-10.5k	-2.44k	0.601
51.7	16.1																	-
0	35	2	44	0	0	0	0	-12.5k	-2.70k	-22.8	-2.34k	12.6	0	0	0	-11.6k	-2.58k	-11.2
1.89k	14.3																	-
0	35	2	49	0	0	0	0	-12.5k	-2.70k	4.42	-2.34k	-7.20	0	0	0	-11.6k	-2.58k	14.5
1.89k	-5.54																	-
0	35	2	48	0	0	0	0	-10.7k	-2.46k	-0.234	-770	-6.23	0	0	0	-10.5k	-2.44k	3.94
51.7	-6.20																	-
0	35	2	-	-	0	0	0	-12.5k	-2.70k	-14.4	-2.34k	-6.20	0	0	0	-10.5k	-2.44k	9.20
51.7	15.9																	-
0	36	2	44	0	0	0	0	-13.1k	-2.78k	-26.5	-2.57k	2.79	0	0	0	-12.5k	-2.70k	-13.7
2.51k	14.3																	-
0	36	2	45	0	0	0	0	-15.4k	-3.05k	-31.5	-2.34k	-90.6	0	0	0	-14.8k	-2.96k	-20.9
2.18k	490																	-
0	36	2	50	0	0	0	0	-15.4k	-3.04k	6.58	-2.34k	-251	0	0	0	-14.8k	-2.96k	17.9
2.17k	70.2																	-
0	36	2	49	0	0	0	0	-13.1k	-2.78k	5.45	-2.57k	-7.18	0	0	0	-12.5k	-2.70k	17.1
2.51k	0.457																	-
0	36	2	-	-	0	0	0	-14.8k	-2.97k	-32.8	-2.63k	-27.5	0	0	0	-12.5k	-2.70k	19.8
2.32k	35.8																	-
0	37	2	46	0	0	0	0	-15.3k	-2.99k	-91.8	2.04k	-1.19k	0	0	0	-14.9k	-2.93k	-15.0
	2.31k	400																-
0	37	2	47	0	0	0	0	-13.3k	-2.81k	-87.1	2.57k	-75.7	0	0	0	-12.8k	-2.73k	-15.3
	2.60k	-1.55																-
0	37	2	52	0	0	0	0	-13.3k	-2.94k	-316	2.58k	-230	0	0	0	-12.7k	-2.83k	-200
	2.65k	-47.5																-
0	37	2	51	0	0	0	0	-15.5k	-3.82k	-378	2.36k	-8.90k	0	0	0	-14.8k	-2.92k	-290
	3.04k	1.78k																-
0	37	2	-	-	0	0	0	-14.9k	-3.06k	-384	2.25k	-562	0	0	0	-12.7k	-2.77k	-18.3
	2.71k	621																-
0	38	2	47	0	0	0	0	-12.8k	-2.75k	-81.7	2.04k	-76.2	0	0	0	-11.8k	-2.61k	-12.3
	2.44k	-26.0																-
0	38	2	48	0	0	0	0	-10.8k	-2.47k	-14.6	301	-92.7	0	0	0	-10.5k	-2.44k	0.115
	997	-31.5																-
0	38	2	53	0	0	0	0	-10.7k	-2.69k	-88.5	301	-268	0	0	0	-10.4k	-2.56k	-8.31
	1.00k	-203																-
0	38	2	52	0	0	0	0	-12.7k	-2.91k	-282	2.06k	-234	0	0	0	-11.7k	-2.77k	-179
	2.47k	-161																-
0	38	2	-	-	0	0	0	-12.7k	-2.80k	-182	301	-257	0	0	0	-10.5k	-2.48k	-4.45
	2.44k	-29.5																-
0	39	2	48	0	0	0	0	-10.7k	-2.46k	-3.57	-770	-92.7	0	0	0	-10.5k	-2.44k	10.1
51.7	-31.7																	-
0	39	2	49	0	0	0	0	-12.5k	-2.72k	11.2	-2.34k	-78.8	0	0	0	-11.6k	-2.58k	76.8
1.89k	-26.7																	-
0	39	2	54	0	0	0	0	-12.4k	-2.88k	167	-2.37k	-241	0	0	0	-11.5k	-2.74k	265
1.90k	-169																	-
0	39	2	53	0	0	0	0	-10.6k	-2.68k	-10.7	-771	-268	0	0	0	-10.4k	-2.56k	66.8
51.8	-204																	-
0	39	2	-	-	0	0	0	-12.5k	-2.77k	-6.85	-2.35k	-260	0	0	0	-10.5k	-2.47k	162
51.7	-30.0																	-
0	40	2	49	0	0	0	0	-13.1k	-2.79k	14.2	-2.58k	-78.7	0	0	0	-12.5k	-2.70k	82.9
2.52k	-4.23																	-
0	40	2	50	0	0	0	0	-15.3k	-2.98k	15.9	-2.34k	-1.09k	0	0	0	-14.8k	-2.94k	90.1
2.07k	386																	-

0	40	2	55	0	0	0	0	-15.4k	-3.76k	295	-2.93k	-8.20k	0	0	0	-14.7k	-2.93k	373	-
2.38k	1.66k																		
0	40	2	54	0	0	0	0	-13.0k	-2.93k	189	-2.62k	-241	0	0	0	-12.4k	-2.80k	304	-
2.53k	-61.2																		
0	40	2	-	-	0	0	0	-14.8k	-3.05k	18.0	-2.71k	-555	0	0	0	-12.5k	-2.73k	378	-
2.29k	639																		
0	41	2	51	0	0	0	0	-15.1k	-3.23k	-533	1.35k	-9.90k	0	0	0	-14.8k	-2.29k	-303	
	2.42k	2.02k																	
0	41	2	52	0	0	0	0	-13.2k	-3.02k	-410	2.61k	-299	0	0	0	-12.6k	-2.90k	-283	
	2.67k	-53.0																	
0	41	2	57	0	0	0	0	-12.9k	-3.41k	-836	2.67k	-479	0	0	0	-12.2k	-3.23k	-588	
	2.78k	-164																	
0	41	2	56	0	0	0	0	-15.3k	-4.50k	-1.06k	2.59k	-15.6k	0	0	0	-14.5k	-3.10k	-887	
	3.95k	2.92k																	
0	41	2	-	-	0	0	0	-14.8k	-3.45k	-1.05k	2.36k	-1.03k	0	0	0	-12.4k	-2.97k	-334	
	2.89k	1.34k																	
0	42	2	52	0	0	0	0	-12.6k	-3.00k	-383	2.06k	-304	0	0	0	-11.7k	-2.81k	-213	
	2.48k	-238																	
0	42	2	53	0	0	0	0	-10.6k	-2.80k	-99.8	300	-368	0	0	0	-10.3k	-2.66k	-10.4	
	1.00k	-294																	
0	42	2	58	0	0	0	0	-10.3k	-3.32k	-216	291	-562	0	0	0	-9.98k	-3.08k	-22.7	
	982	-491																	
0	42	2	57	0	0	0	0	-12.4k	-3.41k	-732	2.05k	-497	0	0	0	-11.2k	-3.21k	-491	
	2.51k	-399																	
0	42	2	-	-	0	0	0	-12.5k	-3.36k	-530	298	-541	0	0	0	-10.2k	-2.71k	-16.8	
	2.49k	-273																	
0	43	2	53	0	0	0	0	-10.5k	-2.79k	-15.5	-771	-368	0	0	0	-10.3k	-2.66k	75.2	-
51.7	-297																		
0	43	2	54	0	0	0	0	-12.4k	-2.98k	194	-2.38k	-313	0	0	0	-11.4k	-2.78k	360	-
	1.90k	-246																	
0	43	2	59	0	0	0	0	-12.1k	-3.40k	444	-2.39k	-510	0	0	0	-11.0k	-3.20k	684	-
	1.89k	-416																	
0	43	2	58	0	0	0	0	-10.2k	-3.32k	-26.3	-757	-562	0	0	0	-9.98k	-3.08k	162	-
	50.2	-492																	
0	43	2	-	-	0	0	0	-12.3k	-3.35k	-20.4	-2.38k	-548	0	0	0	-10.2k	-2.70k	496	-
	51.3	-278																	
0	44	2	54	0	0	0	0	-13.0k	-3.00k	266	-2.64k	-312	0	0	0	-12.3k	-2.88k	389	-
	2.55k	-68.8																	
0	44	2	55	0	0	0	0	-15.2k	-3.21k	316	-2.44k	-9.10k	0	0	0	-14.7k	-2.35k	524	-
	1.50k	1.88k																	
0	44	2	60	0	0	0	0	-15.3k	-4.40k	894	-3.74k	-14.4k	0	0	0	-14.4k	-3.12k	1.05k	-
	2.61k	2.75k																	
0	44	2	59	0	0	0	0	-12.7k	-3.40k	550	-2.73k	-502	0	0	0	-11.9k	-3.22k	799	-
	2.59k	-188																	
0	44	2	-	-	0	0	0	-14.7k	-3.45k	326	-2.87k	-1.03k	0	0	0	-12.2k	-2.96k	1.03k	-
	2.39k	1.38k																	
0	45	2	56	0	0	0	0	-14.9k	-3.59k	-1.14k	1.32k	-17.0k	0	0	0	-14.5k	-2.12k	-984	
		2.68k	3.51k																
0	45	2	57	0	0	0	0	-12.8k	-3.44k	-868	2.69k	-522	0	0	0	-12.2k	-3.40k	-735	
		2.77k	-111																
0	45	2	62	0	0	0	0	-12.7k	-3.53k	-966	2.68k	-536	0	0	0	-12.1k	-3.49k	-816	
		2.81k	-149																
0	45	2	61	0	0	0	0	-15.2k	-4.37k	-1.24k	2.74k	-16.8k	0	0	0	-14.4k	-3.16k	-1.21k	
		3.88k	3.22k																
0	45	2	-	-	0	0	0	-14.5k	-3.53k	-1.22k	2.69k	-1.23k	0	0	0	-12.1k	-3.33k	-790	
		3.02k	3.37k																
0	46	2	57	0	0	0	0	-12.2k	-3.43k	-762	2.05k	-525	0	0	0	-11.2k	-3.38k	-537	
		2.51k	-469																
0	46	2	58	0	0	0	0	-10.2k	-3.35k	-215	290	-592	0	0	0	-9.95k	-3.31k	-26.2	
		974	-582																
0	46	2	63	0	0	0	0	-10.1k	-3.48k	-244	286	-618	0	0	0	-9.86k	-3.43k	-30.1	
		959	-608																
0	46	2	62	0	0	0	0	-12.1k	-3.53k	-843	2.04k	-549	0	0	0	-11.1k	-3.49k	-613	
		2.51k	-492																
0	46	2	-	-	0	0	0	-12.1k	-3.51k	-788	289	-608	0	0	0	-9.92k	-3.33k	-29.2	
		2.51k	-481																
0	47	2	58	0	0	0	0	-10.1k	-3.35k	-28.7	-751	-592	0	0	0	-9.95k	-3.31k	162	-
		50.0	-586																
0	47	2	59	0	0	0	0	-11.9k	-3.43k	486	-2.39k	-544	0	0	0	-11.0k	-3.37k	711	-
		1.89k	-488																
0	47	2	64	0	0	0	0	-11.8k	-3.53k	553	-2.39k	-563	0	0	0	-10.9k	-3.48k	786	-
		1.87k	-512																
0	47	2	63	0	0	0	0	-9.98k	-3.47k	-30.1	-738	-618	0	0	0	-9.86k	-3.43k	183	-
		49.3	-612																
0	47	2	-	-	0	0	0	-11.9k	-3.50k	-29.2	-2.39k	-612	0	0	0	-9.92k	-3.33k	735	-
		49.8	-500																
0	48	2	59	0	0	0	0	-12.6k	-3.43k	686	-2.72k	-544	0	0	0	-11.9k	-3.39k	830	-
		2.61k	-149																
0	48	2	60	0	0	0	0	-14.9k	-3.57k	1.00k	-2.70k	-15.6k	0	0	0	-14.4k	-2.22k	1.13k	-
		1.53k	3.22k																
0	48	2	65	0	0	0	0	-15.2k	-4.28k	1.22k	-3.70k	-15.4k	0	0	0	-14.3k	-3.18k	1.26k	-
		2.76k	2.99k																
0	48	2	64	0	0	0	0	-12.5k	-3.53k	761	-2.75k	-559	0	0	0	-11.8k	-3.49k	923	-
		2.60k	-186																
0	48	2	-	-	0	0	0	-14.4k	-3.53k	737	-3.01k	-1.19k	0	0	0	-11.9k	-3.34k	1.20k	-
		2.62k	3.10k																
0	49	2	61	0	0	0	0	-14.8k	-3.61k	-1.34k	1.47k	-17.2k	0	0	0	-14.4k	-2.19k	-1.21k	
		2.83k	3.32k																
0	49	2	62	0	0	0	0	-12.7k	-3.56k	-1.00k	2.71k	-560	0	0	0	-12.0k	-3.52k	-844	
		2.80k	-162																
0	49	2	67	0	0	0	0	-12.5k	-3.66k	-1.12k	2.69k	-594	0	0	0	-11.9k	-3.60k	-937	
		2.83k	-149																
0	49	2	66	0	0	0	0	-15.1k	-4.54k	-1.44k	2.89k	-18.2k	0	0	0	-14.2k	-3.16k	-1.39k	
		4.14k	3.77k																
0	49	2	-	-	0	0	0	-14.4k	-3.62k	-1.42k	2.71k	-1.34k	0	0	0	-12.0k	-3.39k	-908	
		3.07k	3.55k																

0	50	2	62	0	0	0	0	-12.1k	-3.56k	-876	2.04k	-573	0	0	0	-11.1k	-3.52k	-613
	2.50k	-515																
0	50	2	63	0	0	0	0	-10.1k	-3.51k	-243	285	-644	0	0	0	-9.83k	-3.47k	-29.7
	959	-634																
0	50	2	68	0	0	0	0	-9.93k	-3.64k	-274	279	-671	0	0	0	-9.72k	-3.59k	-33.7
	937	-660																
0	50	2	67	0	0	0	0	-11.9k	-3.67k	-967	2.01k	-599	0	0	0	-10.9k	-3.62k	-696
	2.50k	-538																
0	50	2	-	-	0	0	0	-12.0k	-3.66k	-906	283	-660	0	0	0	-9.79k	-3.49k	-32.8
	2.50k	-527																
0	51	2	63	0	0	0	0	-9.98k	-3.51k	-32.3	-739	-644	0	0	0	-9.83k	-3.47k	183
	49.0	-638																
0	51	2	64	0	0	0	0	-11.8k	-3.56k	554	-2.38k	-588	0	0	0	-10.9k	-3.51k	816
	1.87k	-535																
0	51	2	69	0	0	0	0	-11.7k	-3.67k	627	-2.37k	-618	0	0	0	-10.7k	-3.63k	899
	1.84k	-558																
0	51	2	68	0	0	0	0	-9.84k	-3.64k	-33.7	-721	-671	0	0	0	-9.72k	-3.59k	206
	48.0	-665																
0	51	2	-	-	0	0	0	-11.7k	-3.66k	-32.8	-2.38k	-665	0	0	0	-9.79k	-3.48k	843
	48.7	-547																
0	52	2	64	0	0	0	0	-12.4k	-3.56k	787	-2.74k	-584	0	0	0	-11.8k	-3.52k	957
	2.62k	-201																
0	52	2	65	0	0	0	0	-14.8k	-3.60k	1.22k	-2.84k	-15.8k	0	0	0	-14.3k	-2.28k	1.33k
	1.68k	3.07k																
0	52	2	70	0	0	0	0	-15.1k	-4.43k	1.41k	-3.94k	-16.6k	0	0	0	-14.2k	-3.19k	1.46k
	2.90k	3.46k																
0	52	2	69	0	0	0	0	-12.3k	-3.67k	872	-2.77k	-618	0	0	0	-11.6k	-3.61k	1.06k
	2.60k	-192																
0	52	2	-	-	0	0	0	-14.3k	-3.63k	845	-3.06k	-1.29k	0	0	0	-11.7k	-3.41k	1.40k
	2.62k	3.27k																
0	53	2	66	0	0	0	0	-14.6k	-3.69k	-1.85k	1.26k	-17.5k	0	0	0	-14.1k	-1.93k	-1.40k
		3.31k																
0	53	2	67	0	0	0	0	-12.5k	-3.88k	-1.31k	2.69k	-630	0	0	0	-11.6k	-3.64k	-968
		2.83k																
0	53	2	72	0	0	0	0	-11.1k	-4.61k	-2.33k	2.18k	-744	0	0	0	-10.0k	-4.27k	-1.64k
		2.63k																
0	53	2	71	0	0	0	0	-13.6k	-5.01k	-3.74k	3.53k	-20.3k	0	0	0	-12.3k	-3.40k	-3.09k
		5.67k																
0	53	2	-	-	0	0	0	-14.0k	-4.35k	-3.25k	2.55k	-1.37k	0	0	0	-10.9k	-3.47k	-1.21k
		3.55k																
0	54	2	67	0	0	0	0	-11.9k	-3.91k	-1.20k	1.99k	-647	0	0	0	-10.8k	-3.65k	-697
		2.49k																
0	54	2	68	0	0	0	0	-9.93k	-3.93k	-294	261	-783	0	0	0	-9.47k	-3.64k	-32.9
		937																
0	54	2	73	0	0	0	0	-8.99k	-4.95k	-488	167	-1.08k	0	0	0	-8.58k	-4.52k	-53.2
		643																
0	54	2	72	0	0	0	0	-10.7k	-4.78k	-1.94k	1.37k	-846	0	0	0	-9.35k	-4.32k	-1.23k
		2.18k																
0	54	2	-	-	0	0	0	-11.4k	-4.89k	-1.52k	226	-997	0	0	0	-8.82k	-3.65k	-43.7
		2.39k																
0	55	2	68	0	0	0	0	-9.84k	-3.93k	-41.6	-721	-783	0	0	0	-9.47k	-3.64k	221
		-696																
0	55	2	69	0	0	0	0	-11.6k	-3.92k	628	-2.36k	-667	0	0	0	-10.6k	-3.66k	1.11k
		1.81k																
0	55	2	74	0	0	0	0	-10.5k	-4.81k	1.10k	-2.03k	-885	0	0	0	-9.21k	-4.36k	1.77k
		-730																
0	55	2	73	0	0	0	0	-8.96k	-4.95k	-59.2	-491	-1.08k	0	0	0	-8.58k	-4.52k	365
		27.9																
0	55	2	-	-	0	0	0	-11.1k	-4.91k	-49.6	-2.25k	-1.02k	0	0	0	-8.75k	-3.65k	1.40k
		38.5																
0	56	2	69	0	0	0	0	-12.3k	-3.90k	900	-2.76k	-657	0	0	0	-11.3k	-3.65k	1.24k
		2.58k																
0	56	2	70	0	0	0	0	-14.6k	-3.68k	1.41k	-3.06k	-16.1k	0	0	0	-14.0k	-2.04k	1.82k
		1.52k																
0	56	2	75	0	0	0	0	-13.5k	-4.88k	3.04k	-5.36k	-18.7k	0	0	0	-12.2k	-3.46k	3.77k
		3.50k																
0	56	2	74	0	0	0	0	-10.9k	-4.66k	1.51k	-2.51k	-795	0	0	0	-9.85k	-4.31k	2.19k
		2.03k																
0	56	2	-	-	0	0	0	-13.9k	-4.40k	1.17k	-3.53k	-1.37k	0	0	0	-10.7k	-3.49k	3.18k
		2.42k																
0	57	2	71	0	0	0	0	-12.9k	-4.07k	-4.24k	2.01k	-19.6k	0	0	0	-11.6k	-1.69k	-3.45k
		3.61k																
0	57	2	72	0	0	0	0	-10.5k	-4.87k	-2.65k	1.69k	-740	0	0	0	-9.16k	-4.48k	-1.94k
		2.45k																
0	57	2	77	0	0	0	0	-7.35k	-5.43k	-4.29k	-1.32k	-486	0	0	0	-5.87k	-4.83k	-3.04k
		127																
0	57	2	76	0	0	0	0	-7.08k	-4.30k	-8.46k	19.6	-17.3k	0	0	0	-4.87k	-3.18k	-6.46k
		1.71k																
0	57	2	-	-	0	0	0	-11.9k	-5.18k	-6.09k	-1.67k	-1.33k	0	0	0	-5.14k	-3.68k	-2.46k
		3.63k																
0	58	2	72	0	0	0	0	-10.0k	-5.00k	-2.30k	1.22k	-891	0	0	0	-8.93k	-4.60k	-1.32k
		1.87k																
0	58	2	73	0	0	0	0	-8.70k	-5.45k	-519	113	-1.45k	0	0	0	-8.14k	-4.92k	-58.2
		577																
0	58	2	78	0	0	0	0	-7.22k	-7.86k	-1.11k	-36.9	-3.15k	0	0	0	-6.43k	-6.65k	-106
		46.2																
0	58	2	77	0	0	0	0	-7.34k	-6.47k	-3.71k	-787	-1.62k	0	0	0	-6.10k	-5.27k	-2.42k
		72.2																
0	58	2	-	-	0	0	0	-9.15k	-7.38k	-2.83k	-229	-2.65k	0	0	0	-6.36k	-4.83k	-77.9
		1.18k																
0	59	2	73	0	0	0	0	-8.64k	-5.45k	-74.1	-440	-1.45k	0	0	0	-8.14k	-4.93k	388
		18.3																
0	59	2	74	0	0	0	0	-9.85k	-5.06k	1.17k	-1.71k	-945	0	0	0	-8.81k	-4.65k	2.10k
		1.09k																
0	59	2	79	0	0	0	0	-7.33k	-6.70k	2.19k	-74.7	-1.90k	0	0	0	-6.18k	-5.42k	3.45k
		636																

0	59	2	78	0	0	0	0	-7.21k	-7.86k	-133	-29.9	-3.15k	0	0	0	-6.43k	-6.68k	843	
	17.4	-2.33k																	
0	59	2	-	-	0	0	0	-9.03k	-7.52k	-94.9	-1.04k	-2.80k	0	0	0	-6.38k	-4.85k	2.59k	
	168	-690																	
0	60	2	74	0	0	0	0	-10.3k	-4.95k	1.77k	-2.31k	-796	0	0	0	-9.02k	-4.54k	2.48k	-
1.54k	-320																		
0	60	2	75	0	0	0	0	-12.9k	-4.08k	3.42k	-3.55k	-18.0k	0	0	0	-11.5k	-1.82k	4.17k	-
2.28k	3.83k																		
0	60	2	80	0	0	0	0	-7.05k	-4.19k	6.33k	-1.44k	-15.9k	0	0	0	-4.90k	-3.24k	8.48k	
	159	4.58k																	
0	60	2	79	0	0	0	0	-7.34k	-5.70k	2.79k	-95.8	-715	0	0	0	-5.97k	-5.03k	4.07k	
	1.18k	431																	
0	60	2	-	-	0	0	0	-11.8k	-5.31k	2.25k	-3.52k	-1.33k	0	0	0	-5.20k	-3.76k	5.91k	
	1.70k	2.60k																	
0	61	2	76	0	0	0	0	-4.98k	-3.72k	-8.58k	-2.74k	-14.0k	0	0	0	-3.44k	-1.63k	-6.89k	-
1.24k	4.68k																		
0	61	2	77	0	0	0	0	-6.11k	-5.48k	-4.70k	-1.90k	-547	0	0	0	-5.29k	-4.73k	-3.71k	-
1.10k	984																		
0	61	2	82	0	0	0	0	-4.83k	-6.94k	-7.52k	-15.7k	-5.37k	0	0	0	-3.79k	-4.39k	-6.26k	
	1.75k	-857																	
0	61	2	81	0	0	0	0	-596	-44.4	-7.13k	-59.7k	15.7k	0	0	0	6.42k	2.51k	-3.39k	-
14.4k	31.3k																		
0	61	2	-	-	0	0	0	-5.64k	-5.81k	-7.46k	-11.5k	-1.49k	0	0	0	-1.00k	-893	-4.51k	
	-185	10.4k																	
0	62	2	77	0	0	0	0	-6.33k	-6.64k	-4.14k	-812	-1.99k	0	0	0	-5.60k	-5.42k	-2.72k	
	-357	-395																	
0	62	2	78	0	0	0	0	-6.44k	-8.49k	-1.19k	-37.7	-4.06k	0	0	0	-6.02k	-7.62k	-127	
	29.1	-3.41k																	
0	62	2	83	0	0	0	0	-4.53k	-12.0k	-1.39k	-2.15k	-6.14k	0	0	0	-3.95k	-10.7k	-246	
	754	-5.65k																	
0	62	2	82	0	0	0	0	-4.28k	-7.78k	-7.41k	-13.5k	-4.01k	0	0	0	-2.12k	-6.10k	-5.02k	
	2.03k	-1.69k																	
0	62	2	-	-	0	0	0	-6.41k	-10.5k	-5.49k	-1.56k	-5.78k	0	0	0	-4.27k	-5.55k	-180	
	434	-621																	
0	63	2	78	0	0	0	0	-6.44k	-8.49k	-168	-31.9	-4.06k	0	0	0	-6.03k	-7.72k	900	
	17.4	-3.53k																	
0	63	2	79	0	0	0	0	-6.36k	-6.90k	2.47k	273	-2.32k	0	0	0	-5.70k	-5.68k	3.88k	
	648	-850																	
0	63	2	84	0	0	0	0	-4.37k	-8.31k	4.61k	-2.10k	-4.40k	0	0	0	-2.19k	-6.76k	6.98k	
	12.7k	-2.39k																	
0	63	2	83	0	0	0	0	-4.54k	-12.0k	-258	-683	-6.06k	0	0	0	-3.88k	-10.8k	928	
	1.26k	-5.67k																	
0	63	2	-	-	0	0	0	-6.41k	-10.7k	-218	-400	-5.84k	0	0	0	-4.32k	-5.97k	5.19k	
	1.30k	-1.23k																	
0	64	2	79	0	0	0	0	-6.19k	-5.82k	3.46k	939	-1.08k	0	0	0	-5.42k	-4.99k	4.49k	
	1.66k	549																	
0	64	2	80	0	0	0	0	-5.00k	-3.75k	6.76k	1.10k	-12.9k	0	0	0	-3.52k	-1.73k	8.61k	
	2.78k	4.70k																	
0	64	2	85	0	0	0	0	-923	-20.7	3.64k	14.1k	14.9k	0	0	0	6.60k	2.57k	7.21k	
	56.7k	31.6k																	
0	64	2	84	0	0	0	0	-4.86k	-7.72k	5.92k	-1.53k	-6.00k	0	0	0	-3.89k	-5.03k	7.09k	
	14.1k	-1.70k																	
0	64	2	-	-	0	0	0	-5.74k	-6.39k	4.25k	54.4	-2.21k	0	0	0	-1.27k	-1.08k	7.46k	
	11.1k	10.4k																	

— Sollecitazioni Shell pareti piano 1.Azione 2:Carichi permanenti elementi non strutturali

Parete	Zona			min.Lastra			min.Piastra			max.Lastra			max.Piastra						
Piano	N° vy	Az.	Filo	Piano	σx	σy	τxy	mx	my	mxy	vx	vy	σx	σy	τxy	mx	my	mxy	vx
	[N/m]		[N/m]		[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	
1	1	2	1	1	44.4m	-1.62m	-1.51m	4.54k	0.727	14.0	-13.4k	-5.90k	58.0m	6.30m	5.81m	8.10k	1.42k	561	-
10.4k	1.89k																		
1	1	2	2	1	58.9m	-1.57m	2.05m	-663	-379	1.23k	-5.00k	60.1	74.5m	0.60m	8.71m	299	16.4	1.35k	-
2.90k	1.05k																		
1	1	2	2	0	22.2m	-12.6m	8.33m	-458	-220	722	-460	-9.00k	40.6m	-6.89m	13.5m	373	2.63k	1.42k	
	2.64k	-2.45k																	
1	1	2	1	0	12.9m	17.4m	8.68m	147	-800	57.8	-9.22k	1.69k	41.4m	59.5m	24.9m	3.83k	664	606	-
3.94k	5.39k																		
1	1	2	-	-	28.1m	-8.82m	1.69m	-687	-628	22.1	-11.0k	-3.92k	64.3m	18.5m	22.3m	6.07k	1.24k	1.49k	
	2.77k	2.75k																	
1	2	2	2	1	60.0m	-1.79m	1.10m	-1.59k	-518	1.14k	-3.37k	563	84.0m	0.73m	8.27m	-607	0.309	1.34k	-
1.35k	1.19k																		
1	2	2	3	1	68.9m	-0.95m	43.7μ	-2.17k	-859	70.2	-311	136	93.4m	1.11m	1.44m	-1.71k	0.985	560	-
1.76	1.70k																		
1	2	2	3	0	15.7m	-7.80m	0.23m	-373	784	31.6	45.7	-14.7k	35.8m	-4.59m	2.30m	1.03k	5.90k	333	
	707	-7.42k																	
1	2	2	2	0	18.7m	-12.9m	4.84m	-502	-173	513	-189	-12.1k	40.0m	-7.70m	11.3m	675	4.16k	1.39k	
	2.37k	-3.21k																	
1	2	2	-	-	17.3m	-10.2m	0.27m	-2.02k	-847	67.2	-2.39k	-14.0k	89.7m	0.83m	11.7m	917	5.35k	1.47k	
	1.66k	1.59k																	
1	3	2	3	1	69.0m	-0.91m	-1.12m	-2.17k	-859	-432	-57.8	136	93.5m	1.11m	0.22m	-1.71k	1.06	71.7	
	223	1.70k																	
1	3	2	4	1	61.1m	-1.86m	-7.87m	-1.74k	-587	-1.33k	1.06k	683	85.7m	0.78m	-0.92m	-900	0.587	-1.07k	
	2.85k	1.30k																	
1	3	2	4	0	18.2m	-12.8m	-10.3m	-511	-104	-1.34k	-2.21k	-12.7k	39.5m	-7.93m	-4.32m	739	4.48k	-464	-
53.1	-3.83k																		
1	3	2	3	0	15.8m	-7.44m	-1.80m	-367	806	-253	-520	-14.7k	35.7m	-4.59m	0.27m	1.03k	5.90k	59.5	
	84.1	-7.48k																	
1	3	2	-	-	17.2m	-9.63m	-10.8m	-2.07k	-854	-1.43k	-1.48k	-14.2k	90.5m	0.85m	0.29m	953	5.53k	72.2	
	1.93k	1.63k																	
1	4	2	4	1	60.1m	-1.83m	-8.34m	-928	-466	-1.35k	2.41k	250	77.0m	0.64m	-1.97m	-78.3	-0.108	-1.27k	
	4.45k	1.10k																	
1	4	2	5	1	44.7m	-1.53m	-5.85m	4.31k	0.823	-606	10.2k	-5.88k	57.7m	6.18m	1.48m	8.08k	1.42k	-28.2	

1	13.2k	1.89k	5	0	13.6m	15.2m	-24.7m	82.4	-797	-656	3.43k	1.78k	41.2m	59.4m	-8.70m	3.82k	661	-76.6	
1	9.04k	5.14k	2	4	0	20.8m	-12.9m	-12.4m	-493	-175	-1.40k	-2.63k	-9.95k	40.1m	-7.54m	-7.52m	448	3.05k	-683
1	159	-3.05k	2	-	-	27.0m	-10.3m	-21.5m	-868	-693	-1.48k	-2.83k	-4.92k	66.0m	18.6m	-1.68m	6.06k	1.24k	-34.8
1	10.9k	2.75k	2	82	1	59.0m	-1.58m	2.05m	-303	-16.6	-1.35k	2.90k	-1.05k	74.6m	0.60m	8.72m	660	378	-1.23k
1	5.00k	-58.8	2	81	1	44.5m	-1.62m	-1.34m	-8.05k	-1.42k	-564	10.3k	-1.86k	57.8m	6.54m	5.57m	-4.55k	-0.430	-14.8
1	13.5k	5.94k	2	81	0	14.9m	17.5m	8.47m	-3.85k	-675	-610	3.96k	-5.04k	42.3m	60.7m	24.2m	-202	751	-77.8
1	9.26k	-2.49k	2	82	0	21.8m	-12.6m	8.32m	-371	-2.62k	-1.42k	-2.66k	2.44k	40.6m	-6.91m	13.4m	458	219	-723
1	470	8.99k	2	-	-	27.9m	-8.80m	1.69m	-6.07k	-1.24k	-1.49k	-2.81k	-2.71k	64.3m	18.2m	21.8m	686	627	-21.5
1	11.0k	3.84k	2	83	1	68.9m	-0.95m	43.7μ	1.71k	-0.985	-560	1.99	-1.70k	93.5m	1.11m	1.44m	2.17k	859	-70.2
1	312	-137	2	82	1	60.0m	-1.79m	1.10m	605	-0.301	-1.34k	1.35k	-1.19k	84.0m	0.73m	8.28m	1.59k	518	-1.14k
1	3.38k	-562	2	82	0	18.7m	-12.9m	4.85m	-674	-4.16k	-1.39k	-2.37k	3.21k	40.0m	-7.72m	11.3m	503	173	-513
1	195	12.1k	2	83	0	15.6m	-7.80m	0.23m	-1.03k	-5.90k	-333	-708	7.42k	35.8m	-4.60m	2.28m	374	-782	-31.6
45.7	14.7k		2	-	-	17.3m	-10.2m	0.27m	-917	-5.35k	-1.47k	-1.67k	-1.59k	89.7m	0.83m	11.7m	2.02k	847	-67.3
1	2.39k	14.0k	2	84	1	61.1m	-1.87m	-7.87m	898	-0.579	1.07k	-2.86k	-1.30k	85.8m	0.78m	-0.92m	1.74k	587	1.33k
1.06k	-684		2	83	1	69.0m	-0.91m	-1.12m	1.71k	-1.06	-71.7	-224	-1.70k	93.5m	1.11m	0.22m	2.17k	859	432
1	57.7	-137	2	83	0	15.6m	-7.43m	-1.78m	-1.03k	-5.90k	-59.5	-84.1	7.48k	35.7m	-4.60m	0.27m	367	-805	253
1	521	14.7k	2	84	0	18.2m	-12.8m	-10.3m	-738	-4.48k	464	49.2	3.82k	39.5m	-7.94m	-4.33m	512	104	1.34k
1	2.20k	12.7k	2	-	-	17.2m	-9.61m	-10.7m	-953	-5.52k	-72.3	-1.94k	-1.64k	90.5m	0.85m	0.29m	2.07k	854	1.43k
1	1.48k	14.2k	2	85	1	44.7m	-1.53m	-5.60m	-8.04k	-1.42k	25.1	-13.3k	-1.85k	57.6m	6.39m	1.31m	-4.32k	-0.610	609
10.1k	5.92k		2	84	1	60.1m	-1.84m	-8.34m	74.9	0.143	1.27k	-4.46k	-1.10k	77.0m	0.64m	-1.97m	926	465	1.35k
2.41k	-248		2	84	0	20.5m	-12.9m	-12.4m	-447	-3.04k	684	-165	3.04k	40.1m	-7.56m	-7.51m	494	175	1.40k
1	2.65k	9.94k	2	85	0	15.4m	15.1m	-24.1m	-3.84k	-672	92.8	-9.07k	-4.82k	42.0m	60.6m	-8.45m	-128	749	659
3.49k	-2.49k		2	-	-	26.8m	-10.2m	-21.1m	-6.07k	-1.24k	34.2	-10.8k	-2.71k	66.1m	18.3m	-1.68m	867	692	1.48k
1	2.88k	4.85k	2	81	1	30.9m	-2.82m	-7.79m	-8.07k	-1.52k	201	-14.1k	-2.11k	54.4m	5.85m	4.99m	-5.06k	-3.76	681
10.5k	6.94k		2	76	1	44.1m	-0.97m	-2.36m	-1.46k	-210	1.44k	-6.02k	-805	50.6m	0.25m	-0.77m	-214	2.74	1.68k
3.83k	668		2	76	0	23.2m	-10.4m	0.32m	-289	-1.94k	860	-999	1.03k	35.7m	-4.50m	7.76m	199	21.4	1.66k
1	3.13k	6.52k	2	81	0	23.7m	21.0m	-8.98m	-3.85k	-731	182	-10.2k	-7.02k	39.7m	61.3m	4.69m	-233	1.09k	679
4.78k	-3.28k		2	-	-	29.3m	-4.62m	-5.41m	-6.08k	-1.33k	249	-11.1k	-4.01k	46.8m	18.0m	4.46m	148	695	1.75k
1	2.78k	2.43k	2	6	1	44.1m	-0.88m	0.77m	-3.68k	-595	-1.37k	6.95k	-906	46.1m	1.14m	1.91m	-1.79k	2.20	-1.05k
1	8.95k	1.75k	2	1	1	34.5m	-1.02m	-4.56m	-8.06k	-1.53k	-528	11.1k	-2.05k	52.3m	5.17m	8.20m	-5.71k	-4.92	-287
1	12.9k	6.79k	2	1	0	22.7m	25.9m	-3.30m	-3.83k	-720	-524	7.21k	-5.21k	39.5m	60.4m	8.38m	-954	757	-265
1	8.84k	-3.46k	2	6	0	31.2m	-4.84m	-2.26m	-634	-195	-1.41k	-2.29k	-2.23k	36.9m	6.59m	3.25m	-9.22	379	-842
1	3.36k	1.16k	2	-	-	26.6m	-2.58m	-3.62m	-6.07k	-1.33k	-1.42k	2.46k	-5.48k	48.7m	20.3m	7.52m	20.0	947	-317
1	11.3k	2.23k	2	11	1	39.1m	-1.13m	-3.68m	1.04k	-0.304	-1.63k	-253	-930	53.9m	0.55m	-0.13m	1.29k	449	-1.39k
1	711	360	2	6	1	44.1m	-0.37m	0.45m	-2.45k	-434	-1.71k	3.44k	-906	51.6m	1.14m	2.34m	-70.9	2.84	-1.24k
1	7.67k	1.17k	2	6	0	18.0m	-11.8m	-8.27m	-388	-2.44k	-1.60k	-3.20k	-932	36.9m	0.63m	1.75m	70.0	51.8	-820
1	3.36k	7.81k	2	11	0	9.81m	-7.06m	-12.2m	-1.21k	-6.55k	-1.16k	-2.05k	6.95k	23.1m	-3.31m	-8.33m	117	-1.31k	-470
1	-975	14.2k	2	-	-	13.8m	-11.0m	-11.3m	-1.43k	-4.70k	-1.78k	-2.84k	-1.46k	53.9m	1.84m	2.66m	1.09k	442	-653
1	6.29k	11.9k	2	16	1	25.6m	-16.0μ	-4.98m	457	-0.578	-763	-507	-607	38.4m	0.42m	-0.95m	826	160	-554
1	-380	1.30k	2	11	1	37.5m	-0.89m	-4.45m	994	-0.514	-1.40k	-426	-930	52.0m	0.57m	-0.72m	1.29k	437	-1.12k
1	-107	512	2	11	0	6.67m	-4.52m	-13.2m	-1.42k	-7.42k	-1.04k	-1.50k	7.38k	21.4m	-2.05m	-9.09m	39.8	-1.55k	-354
1	-917	15.0k	2	16	0	6.50m	0.49m	-11.6m	-1.68k	-8.59k	-414	-581	8.77k	14.0m	1.42m	-9.54m	-413	-2.84k	-179
1	-418	15.5k	2	-	-	7.21m	-2.82m	-11.7m	-1.56k	-8.09k	-1.37k	-898	-815	44.6m	0.78m	-0.99m	1.07k	390	-257
1	-402	15.3k	2	21	1	23.1m	25.1μ	-4.64m	376	-50.2m	-498	-351	-393	30.3m	0.37m	-0.97m	565	103	-459
1	-336	1.39k	2	16	1	25.6m	22.4μ	-4.76m	457	-0.184	-573	-412	-459	33.0m	0.41m	-0.97m	642	119	-542
1	-370	1.30k	2	16	0	5.51m	0.85m	-11.8m	-1.69k	-8.64k	-364	-430	8.82k	13.1m	1.44m	-9.54m	-451	-2.94k	-168
1	-398	15.5k	2	21	0	4.85m	0.93m	-11.2m	-1.72k	-8.75k	-300	-359	8.88k	11.8m	1.61m	-9.27m	-500	-3.07k	-150
1	-322	15.5k	2	-	-	5.19m	28.7u	-11.3m	-1.70k	-8.68k	-529	-413	-414	31.1m	1.49m	-1.00m	590	108	-161

1	-343	15.5k	2	26	1	20.7m	16.5μ	-4.50m	306	-0.104	-414	-302	-313	27.2m	0.34m	-0.93m	474	84.2	-379
1	-272	1.46k	2	21	1	23.1m	24.2μ	-4.64m	376	-38.8m	-476	-341	-372	29.5m	0.37m	-0.97m	540	98.2	-451
1	-323	1.39k	2	21	0	4.37m	0.93m	-11.4m	-1.72k	-8.78k	-300	-345	8.88k	11.8m	1.68m	-9.27m	-500	-3.07k	-141
1	-286	15.5k	2	26	0	3.64m	0.94m	-10.7m	-1.75k	-8.87k	-247	-316	8.93k	10.5m	1.75m	-8.93m	-541	-3.18k	-127
1	-277	15.5k	2	-	-	4.02m	26.8μ	-10.8m	-1.73k	-8.81k	-438	-345	-333	27.9m	1.73m	-0.94m	495	88.7	-136
1	-285	15.5k	2	31	1	10.2m	4.27μ	-2.98m	84.1	-133	-179	-154	-81.2	15.5m	0.53m	-0.57m	214	27.3	-121
94.3	1.67k		2	26	1	19.2m	7.93μ	-4.50m	267	-9.88	-394	-290	-297	26.2m	0.35m	-0.84m	453	79.8	-289
1	-200	1.50k	2	26	0	2.24m	0.94m	-10.9m	-1.78k	-9.01k	-247	-282	8.93k	10.5m	1.91m	-8.66m	-541	-3.18k	-96.1
1	-176	15.5k	2	31	0	1.87m	1.74m	-7.56m	-1.83k	-9.20k	-92.7	-110	8.99k	5.78m	2.90m	-5.51m	-652	-3.47k	-46.2
1	-176	15.5k	2	31	0	1.87m	1.74m	-7.56m	-1.83k	-9.20k	-92.7	-110	8.99k	5.78m	2.90m	-5.51m	-652	-3.47k	-46.2
88.6	15.5k		2	-	-	2.58m	-2.05μ	-8.86m	-1.80k	-9.11k	-361	-288	-170	19.9m	2.65m	-0.73m	303	47.8	-69.5
1	-15		2	-	-	2.58m	-2.05μ	-8.86m	-1.80k	-9.11k	-361	-288	-170	19.9m	2.65m	-0.73m	303	47.8	-69.5
88.1	15.5k		2	36	1	5.20m	15.8μ	-0.90m	22.6	-175	-44.1	-39.8	30.0	6.42m	0.52m	-0.13m	94.1	58.3m	-20.2
1	-16		2	36	1	5.20m	15.8μ	-0.90m	22.6	-175	-44.1	-39.8	30.0	6.42m	0.52m	-0.13m	94.1	58.3m	-20.2
14.6	1.73k		2	31	1	8.85m	25.4μ	-2.77m	71.6	-141	-127	-96.9	-36.0	12.0m	0.49m	-0.44m	165	15.8	-87.4
1	-16		2	31	1	8.85m	25.4μ	-2.77m	71.6	-141	-127	-96.9	-36.0	12.0m	0.49m	-0.44m	165	15.8	-87.4
59.1	1.68k		2	31	0	0.41m	1.67m	-6.69m	-1.84k	-9.24k	-80.7	-97.8	9.00k	5.22m	2.86m	-4.90m	-661	-3.49k	-32.8
1	-16		2	31	0	0.41m	1.67m	-6.69m	-1.84k	-9.24k	-80.7	-97.8	9.00k	5.22m	2.86m	-4.90m	-661	-3.49k	-32.8
39.4	15.5k		2	36	0	0.33m	1.98m	-2.88m	-1.85k	-9.28k	-21.2	-28.0	9.01k	2.80m	3.21m	-1.26m	-692	-3.57k	-8.67
1	-16		2	36	0	0.33m	1.98m	-2.88m	-1.85k	-9.28k	-21.2	-28.0	9.01k	2.80m	3.21m	-1.26m	-692	-3.57k	-8.67
15.0	15.4k		2	-	-	0.63m	16.6μ	-5.03m	-1.84k	-9.26k	-115	-92.8	4.78	9.04m	3.14m	-0.32m	118	5.54	-15.8
1	-16		2	-	-	0.63m	16.6μ	-5.03m	-1.84k	-9.26k	-115	-92.8	4.78	9.04m	3.14m	-0.32m	118	5.54	-15.8
14.8	15.4k		2	41	1	4.95m	15.9μ	-0.24m	20.4	-176	-11.0	-8.18	41.5	5.16m	0.50m	-48.2μ	81.7	-1.76m	-7.48
1	-17		2	41	1	4.95m	15.9μ	-0.24m	20.4	-176	-11.0	-8.18	41.5	5.16m	0.50m	-48.2μ	81.7	-1.76m	-7.48
5.69	1.73k		2	36	1	5.16m	16.1μ	-0.64m	22.6	-175	-21.1	-18.7	39.2	5.42m	0.51m	-0.11m	84.1	9.83m	-17.3
1	-17		2	36	1	5.16m	16.1μ	-0.64m	22.6	-175	-21.1	-18.7	39.2	5.42m	0.51m	-0.11m	84.1	9.83m	-17.3
12.3	1.73k		2	36	0	0.12m	1.98m	-1.52m	-1.85k	-9.29k	-13.8	-16.3	9.01k	2.66m	3.20m	-1.14m	-694	-3.58k	-6.65
1	-17		2	36	0	0.12m	1.98m	-1.52m	-1.85k	-9.29k	-13.8	-16.3	9.01k	2.66m	3.20m	-1.14m	-694	-3.58k	-6.65
12.6	15.4k		2	41	0	34.1μ	1.97m	-0.81m	-1.85k	-9.29k	-6.24	-7.49	9.01k	2.54m	3.19m	-0.48m	-696	-3.58k	-3.22
1	-17		2	41	0	34.1μ	1.97m	-0.81m	-1.85k	-9.29k	-6.24	-7.49	9.01k	2.54m	3.19m	-0.48m	-696	-3.58k	-3.22
4.03	15.4k		2	-	-	76.5μ	19.7μ	-1.15m	-1.85k	-9.29k	-19.2	-15.1	40.9	5.23m	3.19m	-87.7μ	82.3	-12.4m	-5.41
1	-17		2	-	-	76.5μ	19.7μ	-1.15m	-1.85k	-9.29k	-19.2	-15.1	40.9	5.23m	3.19m	-87.7μ	82.3	-12.4m	-5.41
5.37	15.4k		2	46	1	4.92m	14.0μ	10.9μ	20.1	-176	1.71	0.774	42.2	5.12m	0.50m	0.17m	80.9	9.17m	5.17
1	-18		2	46	1	4.92m	14.0μ	10.9μ	20.1	-176	1.71	0.774	42.2	5.12m	0.50m	0.17m	80.9	9.17m	5.17
1	-18	1.73k	2	41	1	4.93m	15.0μ	-0.23m	20.4	-176	-7.80	-5.75	42.0	5.13m	0.50m	-28.7μ	81.2	-1.76m	-4.57
1	-18		2	41	1	4.93m	15.0μ	-0.23m	20.4	-176	-7.80	-5.75	42.0	5.13m	0.50m	-28.7μ	81.2	-1.76m	-4.57
3.32	1.73k		2	41	0	10.0μ	1.97m	-0.57m	-1.85k	-9.29k	-5.07	-5.22	9.01k	2.54m	3.19m	-0.31m	-696	-3.58k	-1.80
1	-18		2	41	0	10.0μ	1.97m	-0.57m	-1.85k	-9.29k	-5.07	-5.22	9.01k	2.54m	3.19m	-0.31m	-696	-3.58k	-1.80
2.21	15.4k		2	46	0	20.1μ	1.97m	0.11m	-1.85k	-9.29k	0.589	1.34	9.01k	2.52m	3.20m	0.39m	-696	-3.58k	3.49
1	-18		2	46	0	20.1μ	1.97m	0.11m	-1.85k	-9.29k	0.589	1.34	9.01k	2.52m	3.20m	0.39m	-696	-3.58k	3.49
1	-18	15.4k	2	-	-	15.8μ	17.9μ	-0.43m	-1.85k	-9.29k	-7.12	-5.60	42.4	5.09m	3.19m	0.28m	80.7	-11.9m	4.70
1	-18		2	-	-	15.8μ	17.9μ	-0.43m	-1.85k	-9.29k	-7.12	-5.60	42.4	5.09m	3.19m	0.28m	80.7	-11.9m	4.70
1	-19	15.4k	2	51	1	7.44m	27.4μ	0.35m	52.8	-154	64.1	42.1	-9.34	9.87m	0.50m	2.34m	136	9.31	96.5
1	-19		2	51	1	7.44m	27.4μ	0.35m	52.8	-154	64.1	42.1	-9.34	9.87m	0.50m	2.34m	136	9.31	96.5
1	-19	1.70k	2	46	1	4.94m	11.8μ	36.5μ	20.1	-176	4.94	3.02	38.0	5.66m	0.52m	0.43m	85.5	49.3m	26.5
1	-19		2	46	1	4.94m	11.8μ	36.5μ	20.1	-176	4.94	3.02	38.0	5.66m	0.52m	0.43m	85.5	49.3m	26.5
1	-19	1.73k	2	46	0	0.14m	1.97m	0.31m	-1.85k	-9.29k	2.15	4.40	9.01k	2.58m	3.22m	1.81m	-695	-3.58k	12.8
1	-19		2	46	0	0.14m	1.97m	0.31m	-1.85k	-9.29k	2.15	4.40	9.01k	2.58m	3.22m	1.81m	-695	-3.58k	12.8
1	-19	15.4k	2	51	0	0.21m	1.76m	3.89m	-1.84k	-9.26k	24.5	26.7	9.00k	4.41m	2.97m	5.62m	-673	-3.52k	62.0
1	-19		2	51	0	0.21m	1.76m	3.89m	-1.84k	-9.26k	24.5	26.7	9.00k	4.41m	2.97m	5.62m	-673	-3.52k	62.0
1	-19	15.5k	2	-	-	0.41m	17.4μ	0.21m	-1.85k	-9.28k	3.94	3.68	20.6	7.66m	3.18m	4.25m	102	1.72	87.9
1	-19		2	-	-	0.41m	17.4μ	0.21m	-1.85k	-9.28k	3.94	3.68	20.6	7.66m	3.18m	4.25m	102	1.72	87.9
1	-19	15.4k	2	56	1	16.6m	10.8μ	0.76m	205	-50.8	228	159	-217	22.6m	0.37m	4.18m	363	60.4	312
1	-20		2	56	1	16.6m	10.8μ	0.76m	205	-50.8	228	159	-217	22.6m	0.37m	4.18m	363	60.4	312
1	-20	1.56k	2	51	1	8.61m	7.26μ	0.48m	62.2	-148	92.4	71.5	-44.1	12.9m	0.54m	2.57m	174	18.1	139
1	-20		2	51	1	8.61m	7.26μ	0.48m	62.2	-148	92.4	71.5	-44.1	12.9m	0.54m	2.57m	174	18.1	139
1	-20	1.69k	2	51	0	1.41m	1.82m	4.65m	-1.84k	-9.23k	36.1	67.3	9.00k	4.89m	3.02m	6.65m	-666	-3.51k	71.9
1	-20		2	51	0	1.41m	1.82m	4.65m	-1.84k	-9.23k	36.1	67.3	9.00k	4.89m	3.02m	6.65m	-666	-3.51k	71.9
1	-20	15.5k	2	56	0	1.71m	1.12m	8.02m	-1.80k	-9.09k	77.9	132	8.96k	9.18m	2.16m	10.2m	-580	-3.28k	195
1	-20		2	56	0	1.71m	1.12m	8.02m	-1.80k	-9.09k	77.9	132	8.96k	9.18m	2.16m	10.2m	-580	-3.28k	195
1	-20	15.5k	2	-	-	2.03m	2.36μ	0.66m	-1.82k	-9.16k	55.8	64.7	-115	16.8m	2.81m	8.05m	244	34.4	285
1	-20		2	-	-	2.03m	2.36μ	0.66m	-1.82k	-9.16k	55.8	64.7	-115	16.8m	2.81m	8.05m	244	34.4	285
1	-20	15.5k	2	61	1	20.3m	25.4μ	0.91m	293	-31.9m	358	265	-280	25.6m	0.41m	4.37m	435	75.8	379
1	-21		2	61	1	20.3m	25.4μ	0.91m	293	-31.9m	358	265	-280	25.6m	0.41m	4.37m	435	75.8	379
1	-21	1.47k	2	56	1	18.1m	18.1μ	0.86m	237	-30.1	300	220	-230	23.5m	0.37m	4.18m	381	64.1	329
1	-21		2	56	1	18.1m	18.1μ	0.86m	237	-30.1	300	220	-230	23.5m	0.37m	4.18m	381	64.1	329
1	-21	1.53k	2	56	0	3.00m	1.13m	8.34m	-1.77k	-8.98k	103	214	8.96k	9.18m	2.04m	10.0m	-580	-3.28k	195
1	-21		2	56	0	3.00m	1.13m	8.34m	-1.77k	-8.98k	103	214	8.96k	9.18m	2.04m	10.0m	-580	-3.28k	195
1	-21	15.5k	2	61	0	3.68m	1.15m	8.77m	-1.75k	-8.91k	115	212	8.93k	10.4m	1.99m	10.8m	-547	-3.20k	23

1	447	15.5k	2	71	0	5.84m	-2.66m	9.69m	-1.52k	-7.90k	288	752	7.97k	19.1m	-0.84m	13.1m	-95.9	-1.96k	846	
1	23	1.16k	15.3k	2	-	-	6.39m	-1.57m	1.01m	-1.63k	-8.39k	209	331	-698	40.5m	1.15m	11.5m	915	319	1.15k
1	748	15.4k	2	76	1	44.0m	-1.64m	-2.10m	-536	-83.0	1.61k	-4.34k	-763	53.8m	0.34m	-33.8μ	761	160	1.75k	-
1.71k	199	24	2	71	1	36.5m	-0.59m	0.50m	938	-0.438	1.18k	-50.8	-918	52.4m	0.55m	4.48m	1.30k	417	1.46k	
1	447	635	2	71	0	8.74m	-4.62m	9.20m	-1.37k	-7.24k	384	870	7.68k	20.5m	-1.90m	12.2m	-22.7	-1.75k	953	
1	24	1.60k	14.8k	2	76	0	13.4m	-11.5m	1.47m	-685	-3.98k	714	-573	1.75k	34.6m	-5.86m	10.3m	291	-8.15	1.66k
1	3.13k	10.9k	2	-	-	11.5m	-9.18m	-2.13m	-1.05k	-5.80k	543	-3.24k	-895	54.0m	0.41m	11.8m	1.24k	445	1.78k	
1	2.36k	13.4k	2	5	1	34.4m	-1.09m	-4.59m	5.70k	4.84	283	-12.9k	-6.78k	52.3m	5.13m	8.27m	8.06k	1.52k	527	-
11.2k	2.06k	25	2	10	1	44.1m	-0.88m	0.77m	1.78k	-2.28	1.05k	-8.95k	-1.74k	46.1m	1.15m	1.91m	3.67k	595	1.37k	-
6.94k	907	25	2	10	0	31.2m	-4.84m	-2.23m	1.83	-386	844	-3.35k	-1.21k	36.9m	6.59m	3.28m	629	201	1.41k	
1	2.42k	2.28k	2	5	0	22.7m	25.9m	-3.28m	941	-747	265	-8.83k	3.45k	39.5m	60.2m	8.42m	3.82k	717	522	-
7.33k	5.17k	25	2	-	-	26.6m	-2.57m	-3.61m	-39.1	-965	318	-11.3k	-2.24k	48.6m	20.3m	7.56m	6.06k	1.33k	1.42k	-
1	2.45k	5.62k	2	10	1	44.1m	-0.37m	0.45m	68.7	-2.82	1.25k	-7.66k	-1.17k	51.5m	1.15m	2.35m	2.44k	434	1.71k	-
3.44k	907	26	2	15	1	39.1m	-1.13m	-3.68m	-1.29k	-449	1.39k	-709	-361	53.9m	0.55m	-0.13m	-1.04k	0.304	1.63k	
1	253	930	2	15	0	9.78m	-7.07m	-12.1m	-116	1.32k	470	974	-14.2k	23.1m	-3.31m	-8.33m	1.21k	6.55k	1.16k	
1	26	2.05k	-6.95k	2	10	0	18.0m	-11.8m	-8.28m	-70.4	-52.2	820	-3.35k	-7.81k	36.9m	0.63m	1.75m	389	2.45k	1.60k
1	26	3.20k	933	2	-	-	13.7m	-11.0m	-11.3m	-1.09k	-442	652	-6.29k	-11.9k	53.9m	1.84m	2.66m	1.43k	4.70k	1.78k
1	2.84k	1.46k	2	15	1	37.5m	-0.89m	-4.45m	-1.29k	-437	1.12k	108	-513	52.0m	0.57m	-0.71m	-994	0.514	1.40k	
1	27	426	930	2	20	1	25.6m	-16.1μ	-4.98m	-826	-160	553	380	-1.30k	38.4m	0.42m	-0.95m	-457	0.578	762
1	507	607	2	20	0	6.42m	0.48m	-11.6m	413	2.84k	179	418	-15.5k	14.0m	1.42m	-9.54m	1.68k	8.59k	414	
1	581	-8.77k	2	15	0	6.73m	-4.51m	-13.1m	-39.6	1.55k	354	917	-15.0k	21.4m	-2.04m	-9.09m	1.42k	7.42k	1.04k	
1	27	1.50k	-7.39k	2	-	-	7.21m	-2.82m	-11.7m	-1.07k	-390	257	401	-15.3k	44.6m	0.77m	-0.99m	1.56k	8.09k	1.36k
1	27	898	815	2	20	1	25.6m	22.3μ	-4.76m	-641	-119	542	370	-1.30k	33.0m	0.40m	-0.97m	-457	0.184	573
1	28	411	458	2	25	1	23.1m	25.1μ	-4.64m	-565	-103	458	336	-1.39k	30.3m	0.37m	-0.97m	-376	50.2m	498
1	351	393	2	25	0	4.85m	0.93m	-11.2m	500	3.07k	150	323	-15.5k	11.8m	1.61m	-9.27m	1.72k	8.75k	300	
1	358	-8.88k	2	20	0	5.47m	0.85m	-11.8m	451	2.94k	167	398	-15.5k	13.1m	1.44m	-9.54m	1.69k	8.64k	364	
1	429	-8.82k	2	-	-	5.17m	28.6μ	-11.3m	-589	-108	160	343	-15.5k	31.1m	1.48m	-1.00m	1.70k	8.68k	529	
1	412	414	2	25	1	23.1m	24.3μ	-4.64m	-540	-98.2	451	323	-1.39k	29.5m	0.37m	-0.97m	-376	38.7m	476	
1	341	372	2	30	1	20.7m	16.6μ	-4.51m	-474	-84.2	379	271	-1.46k	27.2m	0.34m	-0.93m	-306	0.104	414	
1	302	312	2	30	0	3.67m	0.94m	-10.6m	541	3.18k	127	276	-15.5k	10.5m	1.76m	-8.92m	1.75k	8.87k	247	
1	312	-8.93k	2	25	0	4.37m	0.93m	-11.4m	500	3.07k	141	287	-15.5k	11.8m	1.68m	-9.27m	1.72k	8.78k	300	
1	345	-8.88k	2	-	-	4.03m	26.8μ	-10.8m	-495	-88.6	135	284	-15.5k	27.9m	1.73m	-0.94m	1.73k	8.81k	437	
1	345	333	2	30	1	19.2m	8.13μ	-4.51m	-452	-79.7	289	200	-1.50k	26.2m	0.35m	-0.84m	-267	9.98	394	
1	290	297	2	35	1	10.2m	4.22μ	-2.97m	-214	-27.3	121	94.3	-1.67k	15.5m	0.53m	-0.57m	-84.0	133	179	
1	154	81.1	2	35	0	1.83m	1.74m	-7.57m	652	3.47k	46.2	88.3	-15.5k	5.78m	2.90m	-5.51m	1.83k	9.20k	92.6	
1	30	109	-8.99k	2	30	0	2.28m	0.94m	-10.9m	541	3.18k	96.0	177	-15.5k	10.5m	1.91m	-8.65m	1.78k	9.01k	247
1	30	282	-8.93k	2	-	-	2.58m	-2.07μ	-8.87m	-303	-47.8	69.4	88.3	-15.5k	19.9m	2.64m	-0.73m	1.80k	9.11k	360
1	30	287	170	2	35	1	8.86m	25.4μ	-2.77m	-165	-15.8	87.4	59.1	-1.68k	12.0m	0.49m	-0.44m	-71.5	141	127
1	31	96.9	35.9	2	40	1	5.20m	16.1μ	-0.90m	-94.0	-58.3m	20.1	14.6	-1.73k	6.43m	0.52m	-0.13m	-22.5	175	44.1
1	31	39.8	-30.1	2	40	0	0.31m	1.98m	-2.88m	692	3.57k	8.67	14.9	-15.4k	2.80m	3.21m	-1.26m	1.85k	9.28k	21.2
1	27.9	-9.01k	2	35	0	0.43m	1.67m	-6.68m	661	3.49k	32.8	40.1	-15.5k	5.21m	2.85m	-4.90m	1.84k	9.24k	80.7	
1	31	96.4	-9.00k	2	-	-	0.62m	16.5μ	-5.03m	-118	-5.53	15.8	14.8	-15.4k	9.04m	3.14m	-0.32m	1.84k	9.26k	115
1	31	92.7	-4.85	2	40	1	5.17m	16.4μ	-0.63m	-84.0	-9.82m	17.3	12.3	-1.73k	5.43m	0.51m	-0.11m	-22.5	175	21.0
1	32	18.6	-39.3	2	45	1	4.96m	16.3μ	-0.24m	-81.7	1.75m	7.47	5.69	-1.73k	5.17m	0.50m	-48.3μ	-20.3	176	11.0
1	32	8.18	-41.5	2	45	0	27.8μ	1.97m	-0.81m	696	3.58k	3.22	4.05	-15.4k	2.53m	3.19m	-0.48m	1.85k	9.29k	6.23
1	32	7.44	-9.01k	2	40	0	0.11m	1.98m	-1.52m	694	3.58k	6.65	12.5	-15.4k	2.66m	3.20m	-1.14m	1.85k	9.29k	13.8
1	32	16.1	-9.01k	2	-	-	67.5μ	20.1μ	-1.15m	-82.2	12.4m	5.42	5.35	-15.4k	5.24m	3.19m	-87.7μ	1.85k	9.29k	19.2
1	33	15.1	-41.0	2	45	1	4.95m	15.4μ	-0.23m	-81.1	1.75m	4.57	3.31	-1.73k	5.14m	0.50m	-28.8μ	-20.3	176	7.79

0	1	3	-	-	0	0	0	2.26k	-1.12k	-954	-1.66k	5.33k	0	0	0	4.67k	785	2.40k		
0	11.7k	9.03k	2	3	2	0	0	0	4.64k	-1.78k	2.47k	-79.3k	2.20k	0	0	0	8.05k	-1.50k	2.74k	-
29.2k	2.20k																			
0	2	3	3	0	0	0	0	-9.51k	-2.01k	5.23k	-118k	9.43k	0	0	0	-3.50k	-783	5.43k	-	
44.7k	9.43k																			
0	2	3	8	0	0	0	0	-480	-108	3.82k	-10.9k	-2.12k	0	0	0	1.39k	258	4.70k		
0	8.84k	1.90k																		
0	2	3	7	0	0	0	0	2.93k	-341	2.00k	-7.35k	4.03k	0	0	0	4.65k	555	3.10k		
0	6.78k	6.90k																		
0	2	3	-	-	0	0	0	97.5	-1.22k	2.28k	-5.63k	565	0	0	0	3.15k	443	5.02k		
0	28.6k	6.31k																		
0	3	3	3	0	0	0	0	3.76k	668	5.23k	-118k	-9.03k	0	0	0	9.75k	1.84k	5.42k	-	
44.8k	-9.03k																			
0	3	3	4	0	0	0	0	-8.74k	1.30k	2.86k	-86.3k	-1.12k	0	0	0	-4.80k	1.44k	3.16k	-	
31.8k	-1.12k																			
0	3	3	9	0	0	0	0	-4.52k	-543	2.25k	-8.08k	-6.65k	0	0	0	-2.69k	322	3.36k		
0	7.41k	-3.59k																		
0	3	3	8	0	0	0	0	-1.03k	-216	3.90k	-10.8k	-1.50k	0	0	0	866	161	4.72k		
0	8.76k	2.56k																		
0	3	3	-	-	0	0	0	-2.95k	-506	2.55k	-5.70k	-5.82k	0	0	0	200	1.17k	5.15k		
0	28.3k	-89.0																		
0	4	3	4	0	0	0	0	591	2.38k	2.94k	-59.7k	-14.5k	0	0	0	5.35k	4.26k	3.12k	-	
24.2k	-14.5k																			
0	4	3	5	0	0	0	0	2.49k	248	-373	17.1k	-4.36k	0	0	0	2.49k	248	-373		
0	17.1k	-4.36k																		
0	4	3	10	0	0	0	0	-4.50k	-3.35k	-3.02k	-839	-20.4k	0	0	0	-3.37k	-163	-925		
0	2.17k	-3.64k																		
0	4	3	9	0	0	0	0	-4.37k	-539	1.47k	-4.05k	-6.28k	0	0	0	-3.47k	274	2.29k		
0	3.65k	-3.45k																		
0	4	3	-	-	0	0	0	-4.69k	-752	-794	-1.89k	-8.96k	0	0	0	-2.36k	1.16k	2.73k		
0	11.4k	-5.35k																		
0	5	3	6	0	0	0	0	3.48k	-1.67k	-3.09k	38.4	-3.59k	0	0	0	6.60k	1.84k	-1.26k		
0	4.43k	34.6k																		
0	5	3	7	0	0	0	0	3.85k	400	1.40k	-4.03k	2.81k	0	0	0	6.27k	2.09k	2.26k	-	
1.22k	4.86k																			
0	5	3	12	0	0	0	0	8.53k	3.24k	1.26k	-4.73k	229	0	0	0	10.7k	3.76k	1.87k	-	
4.00k	1.13k																			
0	5	3	11	0	0	0	0	11.8k	3.48k	-1.01k	-3.53k	-4.27k	0	0	0	13.6k	5.39k	-307	-	
2.20k	23.4k																			
0	5	3	-	-	0	0	0	4.50k	530	-1.60k	-4.09k	-1.71k	0	0	0	12.4k	4.06k	2.04k		
0	115	6.49k																		
0	6	3	7	0	0	0	0	3.41k	324	2.09k	-7.38k	2.62k	0	0	0	6.02k	2.01k	3.31k	-	
1.09k	4.20k																			
0	6	3	8	0	0	0	0	-480	-109	4.32k	-10.9k	22.7	0	0	0	1.62k	452	4.68k	-	
1.93k	1.10k																			
0	6	3	13	0	0	0	0	364	147	3.25k	-6.82k	27.5	0	0	0	3.18k	1.25k	3.85k	-	
5.98k	258																			
0	6	3	12	0	0	0	0	7.13k	2.76k	1.72k	-5.94k	457	0	0	0	9.73k	3.55k	2.60k	-	
4.56k	1.13k																			
0	6	3	-	-	0	0	0	283	106	1.93k	-6.59k	62.0	0	0	0	7.94k	3.00k	4.32k	-	
3.12k	2.95k																			
0	7	3	8	0	0	0	0	-1.20k	-352	4.40k	-10.8k	-755	0	0	0	865	161	4.68k	-	
1.97k	263																			
0	7	3	9	0	0	0	0	-5.72k	-1.92k	2.39k	-8.11k	-3.95k	0	0	0	-3.15k	-297	3.54k	-	
1.21k	-2.46k																			
0	7	3	14	0	0	0	0	-9.21k	-3.40k	1.92k	-6.11k	-1.10k	0	0	0	-6.52k	-2.54k	2.77k	-	
4.77k	-425																			
0	7	3	13	0	0	0	0	-2.40k	-947	3.32k	-6.83k	-194	0	0	0	416	163	3.85k	-	
6.00k	55.6																			
0	7	3	-	-	0	0	0	-7.52k	-2.87k	2.19k	-6.68k	-2.64k	0	0	0	341	136	4.37k	-	
3.25k	86.4																			
0	8	3	9	0	0	0	0	-6.02k	-2.02k	1.67k	-4.08k	-4.65k	0	0	0	-3.65k	-381	2.56k	-	
1.49k	-2.70k																			
0	8	3	10	0	0	0	0	-6.61k	-1.85k	-3.02k	-50.8	-32.0k	0	0	0	-3.54k	1.45k	-1.16k		
0	3.90k	3.03k																		
0	8	3	15	0	0	0	0	-13.5k	-5.24k	-974	-3.27k	-21.6k	0	0	0	-11.7k	-3.52k	-253	-	
2.30k	3.97k																			
0	8	3	14	0	0	0	0	-10.4k	-3.68k	1.44k	-4.97k	-1.09k	0	0	0	-8.07k	-3.10k	2.12k	-	
4.20k	-232																			
0	8	3	-	-	0	0	0	-12.3k	-4.04k	-1.45k	-4.29k	-6.51k	0	0	0	-4.45k	-501	2.33k	-	
47.3	1.77k																			
0	9	3	11	0	0	0	0	12.9k	1.87k	-969	-2.16k	-3.73k	0	0	0	13.6k	4.19k	127		
0	362	20.9k																		
0	9	3	12	0	0	0	0	9.72k	3.53k	1.25k	-5.13k	90.4	0	0	0	11.5k	3.88k	1.72k	-	
4.36k	431																			
0	9	3	17	0	0	0	0	11.7k	3.58k	1.15k	-5.48k	-297	0	0	0	13.3k	3.90k	1.43k	-	
4.86k	-95.5																			
0	9	3	16	0	0	0	0	15.1k	4.08k	521	-1.78k	-2.18k	0	0	0	15.6k	5.00k	723	-	
1.28k	10.8k																			
0	9	3	-	-	0	0	0	10.9k	3.64k	5.21	-5.36k	-1.39k	0	0	0	15.0k	4.25k	1.56k	-	
1.70k	1.41k																			
0	10	3	12																	

0	11	3	19	0	0	0	0	-11.5k	-3.46k	1.37k	-7.55k	99.8	0	0	0	-8.47k	-2.61k	1.73k	-
6.42k	170																		
0	11	3	18	0	0	0	0	-3.04k	-950	1.90k	-8.64k	-10.5	0	0	0	525	166	2.29k	-
8.29k	61.0																		
0	11	3	-	-	0	0	0	-10.9k	-3.49k	1.58k	-8.39k	-238	0	0	0	494	168	3.21k	-
6.09k	134																		
0	12	3	14	0	0	0	0	-11.1k	-3.79k	1.40k	-5.41k	-421	0	0	0	-9.20k	-3.38k	1.92k	-
4.59k	-68.2																		
0	12	3	15	0	0	0	0	-13.6k	-4.19k	-930	-2.27k	-19.3k	0	0	0	-12.9k	-2.00k	160	
	5.38	3.48k																	
0	12	3	20	0	0	0	0	-15.6k	-4.93k	536	-1.88k	-9.96k	0	0	0	-15.1k	-4.09k	736	-
1.22k	2.06k																		
0	12	3	19	0	0	0	0	-12.9k	-3.80k	1.21k	-5.85k	99.3	0	0	0	-11.1k	-3.41k	1.52k	-
5.20k	300																		
0	12	3	-	-	0	0	0	-14.9k	-4.25k	67.0	-5.69k	-1.37k	0	0	0	-10.4k	-3.47k	1.70k	-
1.85k	1.44k																		
0	13	3	16	0	0	0	0	15.3k	3.47k	532	-1.33k	-2.22k	0	0	0	15.4k	4.39k	751	
	414	10.3k																	
0	13	3	17	0	0	0	0	12.1k	3.56k	1.14k	-5.51k	-323	0	0	0	13.3k	3.88k	1.30k	-
4.87k	-124																		
0	13	3	22	0	0	0	0	12.2k	3.53k	1.10k	-5.52k	-292	0	0	0	13.5k	3.84k	1.25k	-
4.88k	-134																		
0	13	3	21	0	0	0	0	15.5k	4.12k	633	-1.56k	-1.82k	0	0	0	15.7k	4.77k	780	
	-887	9.07k																	
0	13	3	-	-	0	0	0	12.2k	3.55k	730	-5.51k	-2.02k	0	0	0	15.4k	4.25k	1.27k	-
1.32k	464																		
0	14	3	17	0	0	0	0	9.38k	2.83k	1.28k	-7.30k	-180	0	0	0	12.1k	3.57k	1.57k	-
6.24k	-124																		
0	14	3	18	0	0	0	0	524	162	1.85k	-8.66k	-82.0	0	0	0	4.02k	1.24k	1.94k	-
8.39k	-10.9																		
0	14	3	23	0	0	0	0	532	160	1.69k	-8.78k	-82.8	0	0	0	4.09k	1.22k	1.79k	-
8.54k	-11.0																		
0	14	3	22	0	0	0	0	9.54k	2.79k	1.22k	-7.40k	-180	0	0	0	12.3k	3.54k	1.44k	-
6.29k	-134																		
0	14	3	-	-	0	0	0	530	161	1.27k	-8.70k	-180	0	0	0	12.2k	3.55k	1.84k	-
6.27k	-10.9																		
0	15	3	18	0	0	0	0	-3.04k	-940	1.87k	-8.68k	-10.9	0	0	0	527	163	1.94k	-
8.49k	63.0																		
0	15	3	19	0	0	0	0	-11.5k	-3.41k	1.35k	-7.55k	126	0	0	0	-8.59k	-2.61k	1.63k	-
6.58k	178																		
0	15	3	24	0	0	0	0	-11.7k	-3.38k	1.28k	-7.66k	136	0	0	0	-8.74k	-2.57k	1.49k	-
6.64k	178																		
0	15	3	23	0	0	0	0	-3.09k	-924	1.71k	-8.80k	-11.0	0	0	0	534	160	1.79k	-
8.65k	63.5																		
0	15	3	-	-	0	0	0	-11.6k	-3.39k	1.33k	-8.72k	-11.0	0	0	0	530	161	1.86k	-
6.63k	178																		
0	16	3	19	0	0	0	0	-12.9k	-3.78k	1.19k	-5.88k	126	0	0	0	-11.5k	-3.40k	1.37k	-
5.23k	319																		
0	16	3	20	0	0	0	0	-15.4k	-4.38k	547	-1.50k	-9.42k	0	0	0	-15.3k	-3.53k	763	
	200	2.06k																	
0	16	3	25	0	0	0	0	-15.7k	-4.72k	643	-1.69k	-8.34k	0	0	0	-15.4k	-4.13k	790	
	-877	1.71k																	
0	16	3	24	0	0	0	0	-13.1k	-3.74k	1.15k	-5.90k	136	0	0	0	-11.6k	-3.37k	1.31k	-
5.25k	292																		
0	16	3	-	-	0	0	0	-15.4k	-4.23k	747	-5.89k	-417	0	0	0	-11.6k	-3.39k	1.33k	-
1.49k	1.88k																		
0	17	3	21	0	0	0	0	15.5k	3.66k	639	-1.27k	-1.68k	0	0	0	15.5k	4.35k	798	
	340	8.35k																	
0	17	3	22	0	0	0	0	12.3k	3.52k	1.09k	-5.53k	-278	0	0	0	13.5k	3.84k	1.23k	-
4.88k	-133																		
0	17	3	27	0	0	0	0	12.4k	3.49k	1.06k	-5.53k	-273	0	0	0	13.6k	3.80k	1.17k	-
4.88k	-127																		
0	17	3	26	0	0	0	0	15.6k	4.13k	679	-1.45k	-1.70k	0	0	0	15.8k	4.75k	808	
	-721	7.93k																	
0	17	3	-	-	0	0	0	12.4k	3.51k	773	-5.53k	-1.69k	0	0	0	15.6k	4.24k	1.19k	-
1.27k	347																		
0	18	3	22	0	0	0	0	9.54k	2.79k	1.21k	-7.40k	-177	0	0	0	12.3k	3.53k	1.44k	-
6.30k	-134																		
0	18	3	23	0	0	0	0	534	159	1.67k	-8.81k	-82.3	0	0	0	4.09k	1.22k	1.74k	-
8.54k	-11.0																		
0	18	3	28	0	0	0	0	540	157	1.52k	-8.91k	-80.7	0	0	0	4.15k	1.20k	1.60k	-
8.66k	-10.8																		
0	18	3	27	0	0	0	0	9.67k	2.75k	1.15k	-7.47k	-172	0	0	0	12.4k	3.50k	1.32k	-
6.33k	-128																		
0	18	3	-	-	0	0	0	538	158	1.19k	-8.85k	-175	0	0	0	12.4k	3.51k	1.65k	-
6.32k	-10.9																		
0	19	3	23	0	0	0	0	-3.09k	-924	1.68k	-8.83k	-11.0	0	0	0	536	160	1.74k	-
8.65k	63.1																		
0	19	3	24	0	0	0	0	-11.7k	-3.36k	1.26k	-7.66k	136	0	0	0	-8.74k	-2.57k	1.49k	-
6.66k	175																		
0	19	3	29	0	0	0	0	-11.8k	-3.33k	1.19k	-7.75k	131	0	0	0	-8.86k	-2.53k	1.36k	-
6.70k	171																		
0	19	3	28	0	0	0	0	-3.14k	-908	1.54k	-8.93k	-10.8	0	0	0	542	158	1.60k	-
8.77k	61.9																		
0	19	3	-	-	0	0	0	-11.7k	-3.34k	1.24k	-8.87k	-10.9	0	0	0	539	158	1.67k	-
6.69k	173																		
0	20	3	24	0	0	0	0	-13.1k	-3.74k	1.14k	-5.91k	136	0	0	0	-11.7k	-3.36k	1.28k	-
5.25k	279																		
0	20	3	25	0	0	0	0	-15.5k	-4.34k	650	-1.45k	-7.68k	0	0	0	-15.5k	-3.71k	807	
	154	1.58k																	
0	20	3	30	0	0	0	0	-15.8k	-4.70k	689	-1.58k	-7.27k	0	0	0	-15.6k	-4.13k	816	
	-726	1.58k																	
0	20	3	29	0	0	0	0	-13.2k	-3.70k	1.09k	-5.93k	130	0	0	0	-11.8k	-3.33k	1.22k	-
5.26k	273																		
0	20	3	-	-	0	0	0	-15.5k	-4.24k	786	-5.92k	-309	0	0	0	-11.7k	-3.34k	1.24k	-
1.44k	1.58k																		

0	21	3	26	0	0	0	0	15.6k	3.69k	682	-1.20k	-1.30k	0	0	0	15.7k	4.34k	834
	448	6.72k																
0	21	3	27	0	0	0	0	12.4k	3.43k	995	-5.54k	-223	0	0	0	13.8k	3.80k	1.15k
4.87k	-126																	-
0	21	3	32	0	0	0	0	12.7k	3.31k	653	-5.55k	-124	0	0	0	14.0k	3.66k	811
4.85k	-70.2																	-
0	21	3	31	0	0	0	0	15.9k	4.18k	561	-1.17k	-723	0	0	0	16.0k	4.55k	688
	-253	3.21k																
0	21	3	-	-	0	0	0	12.6k	3.37k	619	-5.55k	-576	0	0	0	15.9k	4.26k	986
1.09k	238																	-
0	22	3	27	0	0	0	0	9.67k	2.72k	1.03k	-7.51k	-162	0	0	0	12.6k	3.49k	1.32k
6.34k	-126																	-
0	22	3	28	0	0	0	0	542	153	1.30k	-9.05k	-78.2	0	0	0	4.18k	1.20k	1.56k
8.66k	-9.43																	-
0	22	3	33	0	0	0	0	560	145	745	-9.24k	-44.5	0	0	0	4.31k	1.11k	943
8.94k	-5.67																	-
0	22	3	32	0	0	0	0	9.97k	2.58k	671	-7.65k	-103	0	0	0	12.8k	3.35k	833
6.40k	-70.2																	-
0	22	3	-	-	0	0	0	554	148	717	-9.16k	-142	0	0	0	12.7k	3.40k	1.48k
6.39k	-7.64																	-
0	23	3	28	0	0	0	0	-3.16k	-907	1.30k	-9.08k	-10.5	0	0	0	551	157	1.56k
8.77k	59.9																	-
0	23	3	29	0	0	0	0	-12.0k	-3.32k	1.06k	-7.79k	130	0	0	0	-8.86k	-2.50k	1.36k
6.71k	161																	-
0	23	3	34	0	0	0	0	-12.2k	-3.18k	680	-7.95k	70.6	0	0	0	-9.14k	-2.36k	847
6.80k	103																	-
0	23	3	33	0	0	0	0	-3.26k	-843	749	-9.26k	-7.07	0	0	0	563	147	943
9.06k	34.0																	-
0	23	3	-	-	0	0	0	-12.1k	-3.24k	724	-9.19k	-8.97	0	0	0	558	151	1.51k
6.77k	136																	-
0	24	3	29	0	0	0	0	-13.3k	-3.69k	1.02k	-5.95k	129	0	0	0	-11.8k	-3.26k	1.19k
5.25k	230																	-
0	24	3	30	0	0	0	0	-15.7k	-4.33k	693	-1.37k	-6.22k	0	0	0	-15.6k	-3.73k	837
	259	1.24k																
0	24	3	35	0	0	0	0	-16.0k	-4.53k	566	-1.33k	-2.95k	0	0	0	-15.9k	-4.17k	688
	-305	681																
0	24	3	34	0	0	0	0	-13.6k	-3.55k	660	-5.97k	70.6	0	0	0	-12.1k	-3.14k	826
5.26k	124																	-
0	24	3	-	-	0	0	0	-15.9k	-4.25k	621	-5.97k	-218	0	0	0	-12.0k	-3.20k	1.02k
1.27k	596																	-
0	25	3	31	0	0	0	0	15.9k	4.07k	538	-1.06k	-563	0	0	0	16.0k	4.28k	591
	275	2.65k																
0	25	3	32	0	0	0	0	12.8k	3.29k	526	-5.55k	-104	0	0	0	14.0k	3.64k	671
4.85k	-53.6																	-
0	25	3	37	0	0	0	0	12.8k	3.25k	147	-5.55k	-32.4	0	0	0	14.1k	3.59k	294
4.85k	-15.2																	-
0	25	3	36	0	0	0	0	16.0k	4.21k	135	-1.10k	-190	0	0	0	16.0k	4.36k	243
81.9	727																	-
0	25	3	-	-	0	0	0	12.8k	3.26k	144	-5.55k	-242	0	0	0	16.0k	4.23k	639
1.07k	78.8																	-
0	26	3	32	0	0	0	0	9.99k	2.56k	531	-7.65k	-75.7	0	0	0	12.8k	3.31k	705
6.41k	-53.6																	-
0	26	3	33	0	0	0	0	563	143	577	-9.26k	-36.9	0	0	0	4.31k	1.11k	753
8.96k	-3.93																	-
0	26	3	38	0	0	0	0	566	140	155	-9.29k	-10.7	0	0	0	4.33k	1.08k	310
9.00k	-1.21																	-
0	26	3	37	0	0	0	0	10.0k	2.51k	148	-7.66k	-31.0	0	0	0	12.8k	3.26k	297
6.42k	-15.2																	-
0	26	3	-	-	0	0	0	565	141	152	-9.28k	-64.4	0	0	0	12.8k	3.28k	737
6.42k	-2.52																	-
0	27	3	33	0	0	0	0	-3.26k	-838	578	-9.29k	-5.06	0	0	0	564	145	753
9.08k	28.2																	-
0	27	3	34	0	0	0	0	-12.2k	-3.14k	536	-7.95k	54.4	0	0	0	-9.16k	-2.35k	713
6.81k	74.9																	-
0	27	3	39	0	0	0	0	-12.2k	-3.09k	149	-7.97k	15.0	0	0	0	-9.20k	-2.30k	298
6.83k	30.8																	-
0	27	3	38	0	0	0	0	-3.27k	-814	155	-9.31k	-2.13	0	0	0	566	141	310
9.12k	8.16																	-
0	27	3	-	-	0	0	0	-12.2k	-3.11k	153	-9.30k	-3.50	0	0	0	565	142	742
6.82k	59.6																	-
0	28	3	34	0	0	0	0	-13.6k	-3.53k	531	-5.98k	54.3	0	0	0	-12.2k	-3.12k	680
5.26k	105																	-
0	28	3	35	0	0	0	0	-15.9k	-4.26k	538	-1.24k	-2.44k	0	0	0	-15.9k	-4.09k	596
	139	533																
0	28	3	40	0	0	0	0	-16.0k	-4.36k	136	-1.28k	-668	0	0	0	-16.0k	-4.20k	243
	-167	187																
0	28	3	39	0	0	0	0	-13.6k	-3.47k	148	-5.98k	15.0	0	0	0	-12.2k	-3.08k	296
5.26k	33.6																	-
0	28	3	-	-	0	0	0	-16.0k	-4.22k	144	-5.98k	-71.0	0	0	0	-12.2k	-3.09k	645
1.25k	231																	-
0	29	3	36	0	0	0	0	16.0k	4.22k	121	-1.08k	-117	0	0	0	16.0k	4.27k	140
	19.7	502																
0	29	3	37	0	0	0	0	12.8k	3.25k	124	-5.55k	-20.9	0	0	0	14.1k	3.58k	149
4.85k	-10.3																	-
0	29	3	42	0	0	0	0	12.8k	3.25k	56.0	-5.55k	-11.7	0	0	0	14.1k	3.58k	79.6
4.86k	-6.79																	-
0	29	3	41	0	0	0	0	16.0k	4.22k	52.4	-1.09k	-58.0	0	0	0	16.0k	4.33k	76.9
48.2	278																	-
0	29	3	-	-	0	0	0	12.8k	3.25k	55.0	-5.55k	-87.7	0	0	0	16.0k	4.22k	146
1.08k	16.9																	-
0	30	3	37	0	0	0	0	10.0k	2.51k	126	-7.66k	-13.0	0	0	0	12.8k	3.25k	151
6.42k	-10.3																	-
0	30	3	38	0	0	0	0	566	140	131	-9.29k	-6.12	0	0	0	4.33k	1.07k	156
9.00k	-0.843																	-
0	30	3	43	0	0	0	0	566	140	58.8	-9.29k	-3.86	0	0	0	4.33k	1.07k	83.1
9.00k	-0.533																	-

30	3	42	0	0	0	0	10.0k	2.51k	56.5	-7.67k	-8.12	0	0	0	12.8k	3.25k	80.6	-	
6.42k	-6.79	3	-	-	0	0	566	140	57.9	-9.29k	-11.8	0	0	0	12.8k	3.25k	154	-	
6.42k	-0.688	3	38	0	0	0	-3.27k	-812	131	-9.31k	-0.845	0	0	0	566	140	156	-	
0	31	3	39	0	0	0	-12.2k	-3.08k	126	-7.97k	10.3	0	0	0	-9.20k	-2.30k	152	-	
9.12k	4.66	3	44	0	0	0	-12.2k	-3.08k	56.8	-7.97k	6.80	0	0	0	-9.20k	-2.30k	81.0	-	
0	31	3	43	0	0	0	-3.27k	-811	58.9	-9.31k	-0.534	0	0	0	566	140	83.1	-	
6.83k	12.7	3	-	-	0	0	-12.2k	-3.08k	58.2	-9.31k	-0.690	0	0	0	566	140	155	-	
0	31	3	39	0	0	0	-13.6k	-3.47k	125	-5.98k	10.3	0	0	0	-12.2k	-3.08k	149	-	
6.83k	7.96	3	40	0	0	0	-16.0k	-4.28k	121	-1.26k	-458	0	0	0	-16.0k	-4.21k	141	-	
0	31	3	45	0	0	0	-16.0k	-4.32k	52.6	-1.27k	-256	0	0	0	-16.0k	-4.20k	77.0	-	
9.12k	2.94	54.7	3	44	0	0	0	-13.6k	-3.46k	56.3	-5.98k	6.80	0	0	0	-12.2k	-3.08k	80.0	-
0	32		3	-	-	0	0	-16.0k	-4.21k	55.1	-5.98k	-14.7	0	0	0	-12.2k	-3.08k	146	-
6.83k	11.2	3	41	0	0	0	16.0k	4.22k	32.6	-1.08k	-21.8	0	0	0	16.0k	4.30k	54.0	-	
5.26k	20.4	3	42	0	0	0	12.8k	3.25k	33.3	-5.55k	-4.33	0	0	0	14.1k	3.58k	56.5	-	
0	32	3	47	0	0	0	12.8k	3.25k	-35.4	-5.55k	1.01	0	0	0	14.1k	3.58k	-12.3	-	
81.3	109	3	46	0	0	0	16.0k	4.22k	-32.7	-1.08k	-109	0	0	0	16.0k	4.30k	-11.6	-	
0	32	3	-	-	0	0	12.8k	3.25k	-34.6	-5.55k	-8.85	0	0	0	16.0k	4.22k	55.6	-	
0	-139	3	42	0	0	0	10.0k	2.51k	33.6	-7.67k	-3.33	0	0	0	12.8k	3.25k	57.6	-	
0	32	3	43	0	0	0	566	140	34.9	-9.29k	-1.63	0	0	0	4.33k	1.07k	59.0	-	
5.26k	11.6	3	48	0	0	0	566	140	-37.0	-9.29k	81.5m	0	0	0	4.33k	1.07k	-13.0	-	
0	32	3	47	0	0	0	10.0k	2.51k	-36.2	-7.67k	1.00	0	0	0	12.8k	3.25k	-12.5	-	
1.26k	81.8	3	-	-	0	0	566	140	-36.7	-9.29k	-3.12	0	0	0	12.8k	3.25k	58.5	-	
0	33	3	43	0	0	0	-3.27k	-811	35.0	-9.31k	-0.226	0	0	0	566	140	59.1	-	
21.6	96.5	3	44	0	0	0	-12.2k	-3.08k	33.7	-7.97k	2.78	0	0	0	-9.20k	-2.30k	57.8	-	
0	33	3	49	0	0	0	-12.2k	-3.08k	-36.3	-7.97k	-1.39	0	0	0	-9.20k	-2.30k	-12.5	-	
4.86k	-2.70	3	48	0	0	0	-3.27k	-811	-37.1	-9.31k	-0.456	0	0	0	566	140	-13.0	-	
0	33	3	-	-	0	0	-12.2k	-3.08k	-36.8	-9.31k	-1.09	0	0	0	566	140	58.7	-	
4.86k	4.14	3	44	0	0	0	-13.6k	-3.46k	33.4	-5.98k	2.77	0	0	0	-12.2k	-3.08k	56.7	-	
0	33	3	45	0	0	0	-16.0k	-4.30k	32.6	-1.26k	-88.4	0	0	0	-16.0k	-4.21k	54.2	-	
12.5	28.1	3	50	0	0	0	-16.0k	-4.30k	-32.9	-1.26k	-25.9	0	0	0	-16.0k	-4.21k	-11.6	-	
0	33	98.8	3	49	0	0	-13.6k	-3.46k	-35.6	-5.98k	-3.73	0	0	0	-12.2k	-3.08k	-12.3	-	
1.08k	12.6		3	-	-	0	0	-16.0k	-4.21k	-34.8	-5.98k	-11.6	0	0	0	-12.2k	-3.08k	55.8	-
0	34	3	46	0	0	0	16.0k	4.22k	-134	-1.09k	-347	0	0	0	16.0k	4.33k	-31.0	-	
6.42k	-2.70	3	47	0	0	0	12.8k	3.25k	-181	-5.55k	5.41	0	0	0	14.1k	3.58k	-35.1	-	
0	34	3	52	0	0	0	12.8k	3.27k	-562	-5.55k	40.4	0	0	0	14.0k	3.62k	-417	-	
6.42k	1.17	3	51	0	0	0	15.9k	4.13k	-508	-1.06k	-2.03k	0	0	0	16.0k	4.26k	-441	-	
0	35	430	3	-	-	0	0	12.8k	3.25k	-541	-5.55k	-58.6	0	0	0	16.0k	4.23k	-34.0	-
9.12k	81.6m		3	47	0	0	0	10.0k	2.51k	-183	-7.67k	5.40	0	0	0	12.8k	3.25k	-35.4	-
0	35	3	48	0	0	0	566	140	-190	-9.29k	0.437	0	0	0	4.33k	1.07k	-36.9	-	
6.83k	-0.882	3	53	0	0	0	564	141	-616	-9.28k	2.96	0	0	0	4.32k	1.10k	-449	-	
0	35	3	52	0	0	0	10.0k	2.54k	-584	-7.66k	40.5	0	0	0	12.8k	3.29k	-420	-	
9.12k	1.24	3	-	-	0	0	565	140	-605	-9.28k	1.67	0	0	0	12.8k	3.26k	-36.4	-	
0	35	3	48	0	0	0	-3.27k	-812	-190	-9.31k	-3.80	0	0	0	566	140	-37.0	-	
6.83k	3.30	3	49	0	0	0	-12.2k	-3.08k	-183	-7.97k	-18.8	0	0	0	-9.20k	-2.30k	-35.6	-	
0	35	3	54	0	0	0	-12.2k	-3.12k	-589	-7.96k	-58.9	0	0	0	-9.18k	-2.33k	-423	-	
6.83k	-0.882	3	53	0	0	0	-3.27k	-829	-616	-9.30k	-22.2	0	0	0	565	143	-449	-	
0	35	3	-	-	0	0	-12.2k	-3.09k	-609	-9.31k	-46.8	0	0	0	566	141	-36.5	-	
9.12k	1.30	3	49	0	0	0	-13.6k	-3.46k	-182	-5.98k	-20.3	0	0	0	-12.2k	-3.08k	-35.2	-	
0	39																		
6.42k	50.6																		
0	39																		
9.12k	1.30																		
0	39																		
6.83k	-5.19																		
0	39																		
6.82k	-41.0																		
0	39																		
9.10k	3.99																		
0	39																		
6.83k	2.57																		
0	40																		
5.26k	-5.20																		

0	40	3	50	0	0	0	0	-16.0k	-4.33k	-134	-1.27k	-123	0	0	0	-16.0k	-4.20k	-31.3
	-141	317																
0	40	3	55	0	0	0	0	-15.9k	-4.25k	-511	-1.24k	-408	0	0	0	-15.9k	-4.14k	-441
	85.0	1.87k																
0	40	3	54	0	0	0	0	-13.6k	-3.51k	-568	-5.98k	-82.2	0	0	0	-12.2k	-3.10k	-420
5.26k	-41.0																	-
0	40	3	-	-	0	0	0	-16.0k	-4.22k	-545	-5.98k	-177	0	0	0	-12.2k	-3.08k	-34.1
1.25k	52.7																	-
0	41	3	51	0	0	0	0	15.9k	4.19k	-608	-1.15k	-2.52k	0	0	0	16.0k	4.50k	-485
	-198	572																
0	41	3	52	0	0	0	0	12.8k	3.29k	-704	-5.55k	56.3	0	0	0	14.0k	3.64k	-550
4.85k	98.5																	-
0	41	3	57	0	0	0	0	12.6k	3.39k	-1.05k	-5.55k	110	0	0	0	13.9k	3.76k	-906
4.87k	195																	-
0	41	3	56	0	0	0	0	15.7k	3.81k	-813	-1.13k	-5.53k	0	0	0	15.8k	4.32k	-710
	421	1.08k																
0	41	3	-	-	0	0	0	12.7k	3.33k	-935	-5.55k	-186	0	0	0	15.9k	4.25k	-528
1.07k	474																	-
0	42	3	52	0	0	0	0	10.0k	2.55k	-719	-7.65k	56.3	0	0	0	12.8k	3.32k	-562
6.41k	85.1																	-
0	42	3	53	0	0	0	0	562	143	-794	-9.26k	4.54	0	0	0	4.32k	1.10k	-610
8.96k	35.9																	-
0	42	3	58	0	0	0	0	549	150	-1.36k	-9.13k	8.23	0	0	0	4.23k	1.17k	-1.12k
8.77k	70.5																	-
0	42	3	57	0	0	0	0	9.79k	2.68k	-1.18k	-7.57k	110	0	0	0	12.7k	3.44k	-927
6.37k	145																	-
0	42	3	-	-	0	0	0	558	146	-1.30k	-9.21k	6.39	0	0	0	12.8k	3.37k	-592
6.40k	124																	-
0	43	3	53	0	0	0	0	-3.26k	-833	-794	-9.28k	-27.5	0	0	0	564	145	-613
9.09k	5.85																	-
0	43	3	54	0	0	0	0	-12.2k	-3.15k	-728	-7.96k	-84.6	0	0	0	-9.17k	-2.34k	-568
6.81k	-56.6																	-
0	43	3	59	0	0	0	0	-12.0k	-3.27k	-1.21k	-7.85k	-144	0	0	0	-8.97k	-2.46k	-949
6.75k	-113																	-
0	43	3	58	0	0	0	0	-3.20k	-889	-1.36k	-9.16k	-54.1	0	0	0	556	154	-1.12k
8.88k	9.54																	-
0	43	3	-	-	0	0	0	-12.1k	-3.20k	-1.32k	-9.24k	-119	0	0	0	561	148	-597
6.79k	7.72																	-
0	44	3	54	0	0	0	0	-13.6k	-3.52k	-714	-5.98k	-99.1	0	0	0	-12.1k	-3.12k	-555
5.26k	-56.6																	-
0	44	3	55	0	0	0	0	-16.0k	-4.48k	-608	-1.31k	-539	0	0	0	-15.9k	-4.18k	-489
	-260	2.31k																
0	44	3	60	0	0	0	0	-15.8k	-4.31k	-817	-1.31k	-1.03k	0	0	0	-15.7k	-3.84k	-719
	248	5.11k																
0	44	3	59	0	0	0	0	-13.4k	-3.65k	-1.09k	-5.96k	-200	0	0	0	-11.9k	-3.22k	-925
5.26k	-113																	-
0	44	3	-	-	0	0	0	-15.9k	-4.24k	-956	-5.97k	-491	0	0	0	-12.1k	-3.16k	-530
1.25k	169																	-
0	45	3	56	0	0	0	0	15.7k	4.15k	-813	-1.34k	-6.56k	0	0	0	15.8k	4.68k	-708
	-545	1.42k																
0	45	3	57	0	0	0	0	12.5k	3.44k	-1.08k	-5.54k	120	0	0	0	13.8k	3.76k	-985
4.87k	239																	-
0	45	3	62	0	0	0	0	12.5k	3.47k	-1.13k	-5.54k	128	0	0	0	13.7k	3.79k	-1.03k
4.87k	248																	-
0	45	3	61	0	0	0	0	15.6k	3.79k	-816	-1.19k	-6.93k	0	0	0	15.7k	4.34k	-700
	351	1.41k																
0	45	3	-	-	0	0	0	12.5k	3.46k	-1.10k	-5.54k	-275	0	0	0	15.7k	4.24k	-789
1.19k	1.42k																	-
0	46	3	57	0	0	0	0	9.79k	2.70k	-1.18k	-7.54k	120	0	0	0	12.6k	3.45k	-1.05k
6.37k	157																	-
0	46	3	58	0	0	0	0	548	154	-1.40k	-9.03k	10.0	0	0	0	4.21k	1.17k	-1.33k
8.77k	74.4																	-
0	46	3	63	0	0	0	0	544	156	-1.52k	-8.96k	10.4	0	0	0	4.16k	1.19k	-1.46k
8.68k	77.5																	-
0	46	3	62	0	0	0	0	9.69k	2.74k	-1.30k	-7.49k	129	0	0	0	12.5k	3.48k	-1.11k
6.34k	165																	-
0	46	3	-	-	0	0	0	547	155	-1.45k	-8.98k	10.2	0	0	0	12.5k	3.46k	-1.09k
6.36k	161																	-
0	47	3	58	0	0	0	0	-3.18k	-889	-1.40k	-9.05k	-57.0	0	0	0	550	154	-1.34k
8.88k	10.0																	-
0	47	3	59	0	0	0	0	-11.9k	-3.28k	-1.21k	-7.82k	-156	0	0	0	-8.97k	-2.48k	-1.09k
6.75k	-123																	-
0	47	3	64	0	0	0	0	-11.9k	-3.31k	-1.33k	-7.76k	-163	0	0	0	-8.88k	-2.52k	-1.15k
6.72k	-131																	-
0	47	3	63	0	0	0	0	-3.15k	-904	-1.52k	-8.98k	-59.4	0	0	0	545	156	-1.47k
8.79k	10.4																	-
0	47	3	-	-	0	0	0	-11.9k	-3.29k	-1.47k	-9.00k	-159	0	0	0	547	155	-1.13k
6.74k	10.2																	-
0	48	3	59	0	0	0	0	-13.3k	-3.65k	-1.11k	-5.95k	-240	0	0	0	-11.9k	-3.28k	-1.01k
5.26k	-122																	-
0	48	3	60	0	0	0	0	-15.8k	-4.65k	-819	-1.48k	-1.32k	0	0	0	-15.7k	-4.15k	-717
	-566	6.01k																
0	48	3	65	0	0	0	0	-15.6k	-4.33k	-823	-1.36k	-1.33k	0	0	0	-15.6k	-3.82k	-709
	179	6.38k																
0	48	3	64	0	0	0	0	-13.3k	-3.69k	-1.17k	-5.94k	-249	0	0	0	-11.8k	-3.30k	-1.06k
5.25k	-131																	-
0	48	3	-	-	0	0	0	-15.7k	-4.24k	-1.13k	-5.94k	-1.32k	0	0	0	-11.9k	-3.29k	-800
1.36k	244																	-
0	49	3	61	0	0	0	0	15.6k	4.15k	-813	-1.42k	-7.55k	0	0	0	15.8k	4.71k	-695
	-671	1.53k																
0	49	3	62	0	0	0	0	12.4k	3.48k	-1.15k	-5.53k	133	0	0	0	13.7k	3.80k	-1.04k
4.88k	264																	-
0	49	3	67	0	0	0	0	12.3k	3.51k	-1.21k	-5.53k	129	0	0	0	13.6k	3.84k	-1.08k
4.87k	295																	-
0	49	3	66	0	0	0	0	15.5k	3.62k	-800	-1.22k	-8.59k	0	0	0	15.6k	4.38k	-636
	434	1.88k																

0	49	3	-	-	0	0	0	12.4k	3.50k	-1.17k	-5.53k	-367	0	0	0	15.6k	4.24k	-777	-
1.21k	1.71k																		
0	50	3	62	0	0	0	0	9.69k	2.74k	-1.29k	-7.49k	133	0	0	0	12.5k	3.49k	-1.13k	-
6.34k	172																		
0	50	3	63	0	0	0	0	542	156	-1.56k	-8.93k	10.7	0	0	0	4.16k	1.19k	-1.48k	-
8.68k	80.1																		
0	50	3	68	0	0	0	0	536	158	-1.70k	-8.84k	10.9	0	0	0	4.11k	1.22k	-1.63k	-
8.57k	81.8																		
0	50	3	67	0	0	0	0	9.57k	2.78k	-1.42k	-7.42k	129	0	0	0	12.4k	3.52k	-1.19k	-
6.30k	177																		
0	50	3	-	-	0	0	0	540	158	-1.61k	-8.87k	10.8	0	0	0	12.4k	3.50k	-1.17k	-
6.33k	174																		
0	51	3	63	0	0	0	0	-3.15k	-904	-1.56k	-8.95k	-61.4	0	0	0	544	157	-1.50k	-
8.79k	10.7																		
0	51	3	64	0	0	0	0	-11.8k	-3.33k	-1.33k	-7.76k	-169	0	0	0	-8.88k	-2.52k	-1.17k	-
6.71k	-135																		
0	51	3	69	0	0	0	0	-11.7k	-3.36k	-1.46k	-7.68k	-175	0	0	0	-8.77k	-2.56k	-1.24k	-
6.67k	-132																		
0	51	3	68	0	0	0	0	-3.10k	-920	-1.70k	-8.86k	-62.8	0	0	0	538	159	-1.64k	-
8.68k	10.9																		
0	51	3	-	-	0	0	0	-11.8k	-3.34k	-1.63k	-8.90k	-172	0	0	0	540	158	-1.22k	-
6.70k	10.8																		
0	52	3	64	0	0	0	0	-13.2k	-3.69k	-1.20k	-5.93k	-264	0	0	0	-11.8k	-3.32k	-1.08k	-
5.26k	-135																		
0	52	3	65	0	0	0	0	-15.8k	-4.67k	-820	-1.56k	-1.44k	0	0	0	-15.6k	-4.15k	-703	-
6.80k	6.95k																		
0	52	3	70	0	0	0	0	-15.5k	-4.37k	-809	-1.40k	-1.74k	0	0	0	-15.5k	-3.67k	-649	-
237	7.87k																		
0	52	3	69	0	0	0	0	-13.1k	-3.73k	-1.26k	-5.92k	-292	0	0	0	-11.7k	-3.35k	-1.12k	-
5.25k	-131																		
0	52	3	-	-	0	0	0	-15.6k	-4.24k	-1.22k	-5.92k	-1.59k	0	0	0	-11.8k	-3.34k	-790	-
1.39k	327																		
0	53	3	66	0	0	0	0	15.4k	4.11k	-791	-1.60k	-9.06k	0	0	0	15.7k	4.91k	-628	-
988	1.86k																		
0	53	3	67	0	0	0	0	12.0k	3.52k	-1.34k	-5.51k	136	0	0	0	13.5k	3.87k	-1.09k	-
4.87k	280																		
0	53	3	72	0	0	0	0	10.5k	3.63k	-1.63k	-5.31k	-177	0	0	0	12.1k	3.92k	-1.24k	-
4.61k	115																		
0	53	3	71	0	0	0	0	13.7k	2.31k	-379	-1.99k	-18.0k	0	0	0	14.3k	4.31k	487	-
389	3.35k																		
0	53	3	-	-	0	0	0	11.4k	3.60k	-1.47k	-5.45k	-1.04k	0	0	0	15.3k	4.27k	-267	-
1.52k	1.28k																		
0	54	3	67	0	0	0	0	9.48k	2.78k	-1.50k	-7.42k	136	0	0	0	12.3k	3.58k	-1.21k	-
6.22k	176																		
0	54	3	68	0	0	0	0	520	159	-2.01k	-8.81k	10.1	0	0	0	4.11k	1.23k	-1.65k	-
8.48k	82.8																		
0	54	3	73	0	0	0	0	448	168	-3.05k	-7.91k	-39.9	0	0	0	3.55k	1.29k	-2.60k	-
7.20k	12.4																		
0	54	3	72	0	0	0	0	8.06k	2.91k	-2.26k	-6.58k	-177	0	0	0	11.2k	3.65k	-1.52k	-
5.59k	41.1																		
0	54	3	-	-	0	0	0	492	165	-2.80k	-8.46k	-78.2	0	0	0	11.8k	3.63k	-1.38k	-
6.02k	160																		
0	55	3	68	0	0	0	0	-3.10k	-930	-2.01k	-8.83k	-63.6	0	0	0	536	163	-1.67k	-
8.55k	11.0																		
0	55	3	69	0	0	0	0	-11.7k	-3.42k	-1.55k	-7.68k	-175	0	0	0	-8.68k	-2.56k	-1.26k	-
6.56k	-138																		
0	55	3	74	0	0	0	0	-10.6k	-3.50k	-2.40k	-6.78k	-45.9	0	0	0	-7.38k	-2.68k	-1.65k	-
5.84k	172																		
0	55	3	73	0	0	0	0	-2.68k	-977	-3.05k	-7.93k	-6.76	0	0	0	482	169	-2.62k	-
7.27k	29.3																		
0	55	3	-	-	0	0	0	-11.2k	-3.48k	-2.88k	-8.57k	-153	0	0	0	512	167	-1.47k	-
6.32k	69.6																		
0	56	3	69	0	0	0	0	-13.1k	-3.76k	-1.41k	-5.90k	-283	0	0	0	-11.4k	-3.36k	-1.14k	-
5.23k	-138																		
0	56	3	70	0	0	0	0	-15.7k	-4.85k	-800	-1.72k	-1.76k	0	0	0	-15.3k	-4.12k	-640	-
958	8.35k																		
0	56	3	75	0	0	0	0	-14.3k	-4.30k	-403	-2.12k	-3.15k	0	0	0	-13.7k	-2.43k	454	-
59.8	16.6k																		
0	56	3	74	0	0	0	0	-11.7k	-3.83k	-1.80k	-5.62k	-116	0	0	0	-9.91k	-3.47k	-1.36k	-
4.87k	173																		
0	56	3	-	-	0	0	0	-15.2k	-4.26k	-1.59k	-5.80k	-1.33k	0	0	0	-10.8k	-3.44k	-316	-
1.68k	1.00k																		
0	57	3	71	0	0	0	0	12.9k	3.69k	-18.7	-2.98k	-20.2k	0	0	0	14.3k	5.36k	517	-
2.08k	3.89k																		
0	57	3	72	0	0	0	0	9.48k	3.48k	-1.77k	-5.04k	-633	0	0	0	11.6k	3.88k	-1.25k	-
4.38k	43.5																		
0	57	3	77	0	0	0	0	5.61k	1.72k	-2.12k	-3.40k	-2.98k	0	0	0	7.66k	2.83k	-1.34k	-
1.97k	-1.78k																		
0	57	3	76	0	0	0	0	6.26k	-621	1.07k	-1.30k	-32.2k	0	0	0	8.76k	2.66k	2.98k	-
3.04k	3.78k																		
0	57	3	-	-	0	0	0	6.35k	1.91k	-1.93k	-4.37k	-4.47k	0	0	0	13.3k	4.17k	1.32k	-
1.03k	1.81k																		
0	58	3	72	0	0	0	0	7.77k	2.88k	-2.38k	-6.38k	-633	0	0	0	10.5k	3.64k	-1.63k	-
5.09k	-192																		
0	58	3	73	0	0	0	0	405	160	-3.50k	-7.35k	-122	0	0	0	3.43k	1.28k	-2.92k	-
6.62k	-12.1																		
0	58	3	78	0	0	0	0	218	71.1	-4.48k	-5.14k	-919	0	0	0	2.10k	780	-4.14k	-
4.06k	-82.4																		
0	58	3	77	0	0	0	0	4.44k	1.35k	-3.17k	-3.99k	-2.93k	0	0	0	7.29k	2.73k	-1.99k	-
2.85k	-1.68k																		
0	58	3	-	-	0	0	0	340	135	-4.08k	-7.10k	-2.01k	0	0	0	8.99k	3.34k	-1.82k	-
3.69k	-39.4																		
0	59	3	73	0	0	0	0	-2.59k	-973	-3.51k	-7.37k	-30.7	0	0	0	448	168	-2.98k	-
6.65k	91.7																		
0	59	3	74	0	0	0	0	-9.91k	-3.49k	-2.53k	-6.57k	178	0	0	0	-7.10k	-2.65k	-1.80k	-
5.31k	614																		

0	59	3	79	0	0	0	0	-6.91k	-2.61k	-3.40k	-4.16k	1.59k	0	0	0	-4.08k	-1.24k	-2.27k	-
3.04k	2.82k																		
0	59	3	78	0	0	0	0	-1.57k	-595	-4.48k	-5.15k	-106	0	0	0	318	124	-4.18k	-
4.12k	678																		
0	59	3	-	-	0	0	0	-8.50k	-3.20k	-4.16k	-7.20k	-67.7	0	0	0	385	153	-2.05k	-
3.82k	1.80k																		
0	60	3	74	0	0	0	0	-11.2k	-3.79k	-1.98k	-5.31k	-40.2	0	0	0	-8.97k	-3.33k	-1.39k	-
4.61k	614																		
0	60	3	75	0	0	0	0	-14.3k	-5.23k	-58.8	-2.79k	-3.63k	0	0	0	-12.9k	-3.73k	486	-
2.20k	18.7k																		
0	60	3	80	0	0	0	0	-8.74k	-2.68k	976	-1.36k	-3.37k	0	0	0	-6.30k	424	2.92k	
0	2.60k	29.8k																	
0	60	3	79	0	0	0	0	-7.34k	-2.74k	-2.42k	-3.60k	1.72k	0	0	0	-5.33k	-1.64k	-1.60k	-
2.17k	2.86k																		
0	60	3	-	-	0	0	0	-13.1k	-4.15k	-2.19k	-4.59k	-1.87k	0	0	0	-6.23k	-1.89k	1.18k	-
1.16k	4.45k																		
0	61	3	76	0	0	0	0	5.52k	1.54k	1.33k	-2.52k	-32.6k	0	0	0	7.27k	4.43k	3.02k	
0	538	3.09k																	
0	61	3	77	0	0	0	0	4.91k	1.12k	-2.18k	-2.28k	-4.24k	0	0	0	6.10k	1.86k	-1.38k	-
1.04k	-3.38k																		
0	61	3	82	0	0	0	0	-6.40k	-4.76k	-3.35k	-74.4k	-20.4k	0	0	0	3.61k	-1.23k	-1.35k	
0	10.2k	-7.76k																	
0	61	3	81	0	0	0	0	-2.82k	-991	417	4.42k	-8.32k	0	0	0	1.76k	598	573	
0	21.1k	1.75k																	
0	61	3	-	-	0	0	0	2.35k	-1.93k	-2.23k	-2.85k	-9.80k	0	0	0	6.68k	2.17k	1.36k	
0	3.98k	-1.08k																	
0	62	3	77	0	0	0	0	4.19k	925	-3.18k	-3.43k	-4.01k	0	0	0	5.65k	1.75k	-2.10k	
0	-664	-2.88k																	
0	62	3	78	0	0	0	0	218	71.1	-4.58k	-4.28k	-1.11k	0	0	0	1.86k	622	-4.22k	-
1.34k	72.2																		
0	62	3	83	0	0	0	0	-13.4k	-2.78k	-6.37k	-165k	-18.5k	0	0	0	2.65k	450	-3.48k	
0	31.0k	-644																	
0	62	3	82	0	0	0	0	653	-1.82k	-3.38k	-112k	-6.98k	0	0	0	10.7k	-1.27k	-2.07k	
0	23.3k	2.63k																	
0	62	3	-	-	0	0	0	-435	-1.06k	-5.84k	-9.35k	-7.68k	0	0	0	4.44k	1.18k	-1.97k	
0	10.8k	2.31k																	
0	63	3	78	0	0	0	0	-1.39k	-479	-4.58k	-4.28k	-372	0	0	0	285	84.5	-4.31k	-
1.40k	821																		
0	63	3	79	0	0	0	0	-5.37k	-1.67k	-3.40k	-3.57k	2.65k	0	0	0	-3.85k	-864	-2.40k	
0	-773	3.78k																	
0	63	3	84	0	0	0	0	-11.7k	946	-3.90k	-122k	-4.21k	0	0	0	-298	1.72k	-2.32k	
0	25.5k	6.43k																	
0	63	3	83	0	0	0	0	-2.38k	-555	-6.37k	-164k	134	0	0	0	13.6k	2.63k	-3.53k	
0	30.5k	18.3k																	
0	63	3	-	-	0	0	0	-4.26k	-1.06k	-6.01k	-9.21k	-2.78k	0	0	0	782	927	-2.22k	
0	10.6k	7.37k																	
0	64	3	79	0	0	0	0	-5.92k	-1.81k	-2.48k	-2.48k	3.30k	0	0	0	-4.68k	-1.07k	-1.66k	-
1.33k	4.02k																		
0	64	3	80	0	0	0	0	-7.24k	-4.24k	1.22k	-2.10k	-2.70k	0	0	0	-5.55k	-1.53k	2.96k	
0	463	30.3k																	
0	64	3	85	0	0	0	0	-1.92k	-529	406	4.50k	-1.10k	0	0	0	2.57k	1.06k	491	
0	17.6k	8.43k																	
0	64	3	84	0	0	0	0	-3.50k	1.08k	-3.87k	-77.7k	7.15k	0	0	0	7.51k	4.79k	-1.49k	
0	8.93k	21.5k																	
0	64	3	-	-	0	0	0	-6.65k	-2.15k	-2.53k	-2.82k	1.15k	0	0	0	-2.44k	1.95k	1.21k	
0	3.53k	9.82k																	

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

— Sollecitazioni Shell pareti piano 1. Azione 16: Sisma X

Parete	Zona			min.Lastra				min.Piastra				max.Lastra			max.Piastra					
	Piano	N°	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
		vy				[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	
		[N/m]				[N/m]														
1	1	3	1	1	-0.156	-21.8m	11.5m	-5.81k	-791	747	4.89k	-1.51k	-28.5m	8.74m	43.4m	-2.91k	13.5	1.51k		
	9.85k	1.48k																		
1	1	3	2	1	-79.2m	-1.80m	6.89m	-954	-178	28.7	1.36k	-564	-41.4m	0.70m	29.6m	-321	1.66	189		
	2.42k	552																		
1	1	3	2	0	-24.6m	11.8m	37.6m	158	674	-4.14	-512	-3.96k	-14.5m	25.6m	48.8m	514	2.10k	94.5		
	544	-2.15k																		
1	1	3	1	0	-4.46m	18.5m	1.57m	-812	-230	152	1.63k	-4.45k	9.20m	25.4m	20.3m	266	1.43k	1.04k		
	3.99k	-937																		
1	1	3	-	-	-0.106	-4.67m	7.54m	-2.80k	-660	-0.775	231	-4.62k	1.22m	27.7m	44.3m	486	2.07k	1.48k		
	4.83k	1.19k																		
1	2	3	2	1	-70.0m	-1.48m	6.90m	-529	-118	-89.6	593	-541	-37.9m	1.42m	31.0m	-46.7	1.24	56.1		
	1.59k	362																		
1	2	3	3	1	-24.1m	-0.41m	7.63m	12.1	-1.33	-161	-245	-99.3	-1.99m	0.34m	36.4m	82.8	14.1	-147	-	
27.2	-2.59																			
1	2	3	3	0	-13.7m	70.5μ	68.3m	18.5	39.5	-8.65	-1.18k	-949	-0.79m	7.12m	81.6m	200	656	287		
	-580	-65.4																		
1	2	3	2	0	-18.7m	12.0m	45.3m	208	693	-40.1	-1.17k	-3.33k	-11.0m	24.1m	62.9m	502	1.93k	172		
	337	-1.51k																		
1	2	3	-	-	-44.9m	-0.64m	7.39m	-195	-40.1	-155	-626	-1.77k	-1.26m	18.9m	74.4m	282	1.17k	236		
	1.15k	77.8																		
1	3	3	3	1	-3.06m	-0.23m	7.71m	-69.0	-6.86	-161	-250	-26.3	18.5m	0.35m	36.5m	14.2	4.00	-150	-	
86.0	59.5																			
1	3	3	4	1	35.8m	-1.63m	6.83m	-8.86	-1.26	-106	436	-292	66.1m	1.36m	31.6m	379	85.7	13.1		
	1.35k	519																		
1	3	3	4	0	9.41m	-23.0m	48.0m	-491	-1.84k	-50.5	-1.35k	1.25k	18.7m	-11.7m	65.9m	-238	-674	189		
	185	3.09k																		
1	3	3	3	0	-1.06m	-4.87m	68.7m	-164	-514	-7.74	-1.14k	-72.4	12.2m	2.37m	81.9m	19.1	73.2	288		
	-590	793																		
1	3	3	-	-	-1.73m	-17.3m	7.48m	-249	-1.03k	-157	-619	-58.4	40.2m	0.57m	76.0m	97.7	28.3	248		

1	943	1.64k	4	1	40.0m	-0.96m	6.78m	204	-1.60	-7.60	1.13k	-477	75.5m	1.60m	30.0m	775	151	138		
1	2.15k	542	3	5	1	29.0m	-8.56m	10.5m	2.79k	-12.2	713	4.83k	-1.47k	0.153	20.9m	43.8m	5.80k	789	1.49k	
1	9.54k	1.53k	3	5	0	-8.89m	-25.9m	1.67m	-289	-1.50k	146	1.62k	980	5.09m	-18.4m	20.6m	807	228	1.03k	
1	3.81k	4.57k	3	4	0	15.5m	-25.0m	41.1m	-505	-2.05k	-27.3	-630	1.98k	24.9m	-11.7m	52.8m	-197	-685	108	
1	402	3.67k	3	-	-	-0.42m	-28.0m	7.19m	-488	-2.07k	-34.7	61.0	-1.15k	0.103	4.40m	46.5m	2.79k	659	1.47k	
1	4.52k	4.51k	3	82	1	-79.5m	-1.80m	6.88m	323	-1.75	-188	-2.43k	-550	-41.4m	0.74m	29.6m	957	177	-27.3	-
1.36k	566		3	81	1	-0.157	-21.3m	11.5m	2.92k	-14.5	-1.53k	-9.76k	-1.44k	-28.7m	8.53m	43.7m	5.81k	802	-738	-
4.87k	1.44k		3	81	0	-3.59m	18.6m	1.64m	-238	-1.40k	-1.03k	-3.64k	1.32k	9.75m	25.6m	20.3m	801	229	-152	-
1.59k	4.23k		3	82	0	-24.5m	11.9m	37.5m	-515	-2.10k	-94.4	-548	2.15k	-14.0m	25.6m	49.0m	-158	-674	4.61	-
1	544	3.96k	3	-	-	-0.107	-4.69m	7.53m	-488	-2.07k	-1.49k	-4.83k	-1.17k	1.41m	27.8m	44.3m	2.79k	663	1.05	-
1	-219	4.66k	3	83	1	-24.2m	-0.42m	7.64m	-82.6	-14.1	148	26.8	2.60	-2.00m	0.33m	36.4m	-12.1	1.33	162	-
1	246	99.4	3	82	1	-70.3m	-1.49m	6.90m	47.6	-1.21	-54.9	-1.60k	-360	-38.0m	1.46m	31.1m	531	117	90.7	-
1	-594	543	3	82	0	-18.0m	12.0m	45.2m	-513	-1.95k	-172	-334	1.50k	-9.52m	24.2m	62.6m	-208	-693	40.9	-
1	1.33k	3.41k	3	83	0	-14.9m	-0.17m	68.3m	-202	-663	-288	586	63.2	-0.73m	7.06m	82.1m	-18.1	-39.5	10.4	-
1	1.29k	960	3	-	-	-45.1m	-0.65m	7.41m	-280	-1.17k	-235	-1.15k	-77.2	-1.24m	18.9m	74.1m	197	39.5	156	-
1	614	1.77k	3	84	1	35.9m	-1.66m	6.83m	-381	-85.0	-12.0	-1.35k	-520	66.4m	1.37m	31.6m	8.14	1.24	107	-
1	-438	290	3	83	1	-3.08m	-0.22m	7.73m	-14.2	-4.01	151	85.6	-59.5	18.6m	0.35m	36.5m	69.0	6.83	162	-
1	251	26.3	3	83	0	-1.04m	-4.81m	68.6m	-19.0	-72.8	-289	596	-801	13.4m	2.62m	82.4m	165	520	9.79	-
1	1.24k	72.7	3	84	0	7.97m	-23.1m	48.0m	238	675	-189	-182	-3.19k	18.2m	-11.8m	65.5m	505	1.86k	51.6	-
1	1.55k	-1.23k	3	-	-	-1.73m	-17.3m	7.50m	-99.0	-28.4	-247	-944	-1.64k	40.4m	0.58m	75.6m	246	1.03k	158	-
1	607	58.5	3	85	1	29.2m	-8.36m	10.5m	-5.79k	-799	-1.51k	-9.47k	-1.46k	0.154	20.4m	44.1m	-2.80k	13.1	-705	-
4.82k	1.44k		3	84	1	40.0m	-1.00m	6.78m	-777	-150	-137	-2.15k	-544	75.8m	1.61m	30.0m	-205	1.68	8.97	-
1.13k	475		3	84	0	15.0m	-25.1m	41.0m	197	686	-107	-406	-3.66k	24.8m	-11.7m	53.0m	507	2.06k	27.9	-
1	665	-1.98k	3	85	0	-9.47m	-26.1m	1.76m	-796	-227	-1.03k	-3.52k	-4.38k	4.16m	-18.5m	20.6m	266	1.47k	-147	-
1.58k	-1.33k		3	-	-	-0.62m	-28.0m	7.19m	-2.79k	-662	-1.47k	-4.53k	-4.52k	0.103	4.42m	46.5m	490	2.07k	35.1	-
43.1	1.14k		3	81	1	-23.9m	5.77m	10.8m	2.42k	-4.82	-2.21k	7.95k	-7.24k	48.8m	19.9m	38.1m	5.79k	1.75k	-1.54k	-
1	15.0k	5.72k	3	76	1	-35.5m	-0.44m	1.94m	-1.02k	-98.7	-2.52k	1.80k	-2.02k	-22.3m	3.31m	10.1m	-343	175	-2.37k	-
1	3.96k	236	3	76	0	-12.2m	6.50m	15.4m	306	2.23k	-1.66k	-3.19k	-5.62k	-1.91m	9.08m	18.7m	919	4.73k	-397	-
1	-876	-3.93k	3	81	0	-15.4m	13.7m	5.13m	152	150	-1.30k	-2.99k	-343	-1.32m	20.8m	17.7m	793	998	-268	-
1	-408	1.85k	3	-	-	-25.5m	0.50m	3.66m	-451	-2.03	-2.54k	-3.29k	-4.22k	1.36m	20.0m	19.0m	2.79k	3.07k	-361	-
1	8.93k	3.20k	3	6	1	-21.9m	1.01m	-13.4m	173	-4.73	2.43k	-7.34k	-1.05k	-15.4m	8.31m	-3.83m	1.18k	361	2.53k	-
4.28k	-446		3	1	1	-20.4m	6.40m	-37.0m	3.01k	-0.792	1.64k	-13.2k	-7.00k	34.4m	16.4m	-14.4m	5.73k	1.71k	2.12k	-
1	5.39k		3	1	0	-13.6m	14.3m	-17.5m	174	122	277	316	-261	-1.25m	21.2m	-4.94m	807	885	1.24k	-
1	2.82k	2.04k	3	6	0	-11.4m	9.55m	-17.5m	421	1.56k	385	489	-3.27k	1.00m	12.5m	-15.0m	658	2.96k	1.67k	-
1	3.45k	-1.88k	3	-	-	-20.0m	4.26m	-18.6m	251	4.47	349	-10.1k	-2.27k	9.03m	20.0m	-5.80m	2.79k	1.46k	2.43k	-
1	3.14k	3.16k	3	11	1	-53.5m	-0.68m	-5.51m	-1.66k	-156	1.32k	132	-4.01k	-36.9m	0.49m	-0.92m	-913	410	1.77k	-
1	663	344	3	6	1	-37.6m	-0.44m	-12.4m	-1.23k	-127	2.34k	-5.80k	-1.63k	-18.8m	5.74m	-1.65m	195	301	2.55k	-
1.68k	318		3	6	0	-11.6m	6.30m	-17.9m	335	1.62k	378	489	-6.18k	-2.15m	10.3m	-15.6m	991	5.19k	1.69k	-
1	3.21k	-2.57k	3	11	0	-19.8m	2.81m	-14.5m	656	4.77k	152	1.13k	-10.5k	-7.35m	5.84m	-10.4m	1.82k	9.39k	910	-
1	2.09k	-8.64k	3	-	-	-45.4m	-0.54m	-16.9m	-1.63k	-167	271	-3.07k	-9.02k	-7.51m	9.46m	-1.12m	1.45k	7.54k	2.42k	-
1	2.96k	426	3	16	1	-66.3m	-0.72m	-3.05m	-754	-0.585	381	420	-5.09k	-49.1m	0.24m	-0.42m	-156	937	599	-
1	603	-523	3	11	1	-57.6m	-0.68m	-4.84m	-1.47k	-108	1.00k	547	-4.19k	-39.0m	0.36m	-0.67m	-817	481	1.36k	-
1	693	145	3	11	0	-20.9m	2.51m	-12.7m	739	5.07k	74.2	1.00k	-11.0k	-10.9m	4.50m	-9.40m	2.01k	10.2k	787	-
1	1.39k	-8.96k	3	16	0	-26.0m	2.04m	-7.53m	1.22k	6.54k	-23.9	393	-11.3k	-11.0m	4.11m	-5.35m	2.28k	11.4k	208	-
1	595	-10.1k	3	-	-	-61.6m	-0.59m	-9.43m	-1.07k	-23.4	13.9	425	-11.3k	-11.4m	4.21m	-0.60m	2.17k	10.9k	1.26k	-
1	999	-205	3	21	1	-67.8m	-0.71m	-2.13m	-460	14.7m	292	359	-5.18k	-51.4m	0.11m	-0.42m	-71.2	996	335	-
1	376	-794	3	16	1	-66.9m	-0.73m	-2.68m	-543	-75.1m	374	404	-5.09k	-50.1m	0.19m	-0.42m	-156	937	407	-
1	453	-716	3	16	0	-26.0m	2.04m	-6.26m	1.25k	6.65k	-28.3	353	-11.3k	-12.1m	3.42m	-5.02m	2.28k	11.5k	167	-

1	420	-10.1k	21	0	-26.7m	1.77m	-6.32m	1.30k	6.78k	-35.4	326	-11.3k	-12.5m	3.17m	-4.48m	2.31k	11.6k	117	
	13	3																	
	351	-10.1k																	
1	13	3	-	-	-67.2m	-0.72m	-5.72m	-486	96.5m	-31.1	348	-11.3k	-12.3m	3.26m	-0.43m	2.29k	11.5k	357	
	431	-770																	
1	14	3	26	1	-69.2m	-0.75m	-1.64m	-364	-38.0m	221	287	-5.25k	-52.5m	84.7μ	-0.25m	-0.286	1.05k	258	
	316	-887																	
1	14	3	21	1	-68.2m	-0.72m	-2.13m	-433	14.7m	289	343	-5.18k	-51.4m	0.11m	-0.42m	-71.2	996	314	
	361	-819																	
1	14	3	21	0	-26.7m	1.77m	-5.31m	1.30k	6.78k	-38.3	306	-11.3k	-12.7m	3.10m	-4.26m	2.32k	11.6k	117	
	341	-10.1k																	
1	14	3	26	0	-27.3m	1.57m	-5.56m	1.34k	6.89k	-43.3	247	-11.3k	-12.9m	2.91m	-3.67m	2.33k	11.7k	78.8	
	285	-10.2k																	
1	14	3	-	-	-68.5m	-0.73m	-4.93m	-385	64.3m	-40.3	276	-11.3k	-12.8m	2.98m	-0.41m	2.32k	11.6k	276	
	358	-864																	
1	15	3	31	1	-73.7m	-0.81m	-1.16m	-99.0	-0.114	30.3	89.5	-5.47k	-55.9m	54.9μ	-50.6μ	219	1.20k	68.4	
	147	-1.14k																	
1	15	3	26	1	-70.3m	-0.75m	-1.79m	-341	-0.154	151	208	-5.29k	-52.5m	0.12m	-0.10m	39.5	1.07k	240	
	302	-906																	
1	15	3	26	0	-27.7m	1.48m	-4.41m	1.34k	6.89k	-49.8	176	-11.3k	-13.2m	2.80m	-3.03m	2.37k	11.8k	78.8	
	276	-10.2k																	
1	15	3	31	0	-29.2m	0.89m	-3.09m	1.45k	7.19k	-48.5	56.7	-11.2k	-12.8m	2.18m	-1.46m	2.41k	12.0k	-7.72	
	101	-10.2k																	
1	15	3	-	-	-71.5m	-0.65m	-3.35m	-188	-0.176	-50.9	79.4	-11.2k	-13.0m	2.43m	-0.14m	2.40k	11.9k	201	
	295	-1.05k																	
1	16	3	36	1	-74.9m	-0.78m	-0.51m	14.9	-16.7m	0.152	13.7	-5.53k	-57.4m	35.3μ	0.10m	275	1.24k	4.25	
	32.3	-1.25k																	
1	16	3	31	1	-73.8m	-0.81m	-0.71m	-51.0	-31.9m	17.3	59.5	-5.48k	-56.2m	39.2μ	0.12m	231	1.21k	36.2	
	92.7	-1.18k																	
1	16	3	31	0	-29.3m	0.75m	-1.74m	1.45k	7.21k	-42.1	43.9	-11.2k	-13.2m	1.79m	-0.34m	2.42k	12.1k	-11.0	
	74.6	-10.2k																	
1	16	3	36	0	-29.8m	0.47m	-1.67m	1.48k	7.28k	-21.1	8.57	-11.2k	-13.2m	1.46m	-0.31m	2.43k	12.1k	-6.10	
	20.1	-10.2k																	
1	16	3	-	-	-73.8m	-0.66m	-1.33m	-7.55	-22.8m	-32.4	11.7	-11.2k	-13.3m	1.58m	51.4μ	2.43k	12.1k	24.0	
	86.8	-1.23k																	
1	17	3	41	1	-74.9m	-0.77m	-45.3μ	26.2	2.64m	-28.7m	5.00	-5.53k	-57.5m	-14.2μ	3.10μ	277	1.25k	0.446	
	7.22	-1.26k																	
1	17	3	36	1	-74.9m	-0.79m	-0.34m	24.1	1.38m	0.152	11.3	-5.53k	-57.5m	-19.6μ	32.8μ	275	1.24k	1.08	
	14.4	-1.26k																	
1	17	3	36	0	-29.8m	0.46m	-0.48m	1.48k	7.29k	-10.2	7.47	-11.2k	-13.3m	1.32m	0.76m	2.43k	12.1k	-6.10	
	10.8	-10.2k																	
1	17	3	41	0	-29.8m	0.44m	-1.17m	1.48k	7.29k	-5.67	3.62	-11.2k	-13.3m	1.29m	-97.7μ	2.43k	12.1k	-2.31	
	5.84	-10.2k																	
1	17	3	-	-	-74.9m	-0.77m	-0.43m	25.7	3.84m	-7.29	4.39	-11.2k	-13.3m	1.30m	10.2μ	2.43k	12.1k	0.617	
	13.1	-1.26k																	
1	18	3	46	1	-75.0m	-0.79m	-50.0μ	27.0	1.93m	-0.168	-3.71	-5.53k	-57.5m	-21.6μ	0.24m	277	1.25k	59.0m	-
1.08	-1.26k																		
1	18	3	41	1	-74.9m	-0.77m	-45.3μ	26.7	2.64m	-28.7m	2.99	-5.53k	-57.5m	-14.2μ	-8.56μ	277	1.25k	0.311	
	5.12	-1.26k																	
1	18	3	41	0	-29.8m	0.44m	-0.12m	1.48k	7.29k	-3.85	1.31	-11.2k	-13.3m	1.29m	0.94m	2.43k	12.1k	-1.71	
	4.12	-10.2k																	
1	18	3	46	0	-29.8m	0.44m	-0.99m	1.48k	7.29k	0.702	-2.33	-11.2k	-13.3m	1.30m	0.27m	2.43k	12.1k	2.53	-
0.111	-10.2k																		
1	18	3	-	-	-74.9m	-0.77m	-87.9μ	27.1	3.28m	-1.62	-3.20	-11.2k	-13.3m	1.29m	0.28m	2.43k	12.1k	1.15	
	4.83	-1.26k																	
1	19	3	51	1	-74.3m	-0.82m	-0.14m	-23.9	-19.4m	-21.2	-69.1	-5.50k	-56.6m	30.2μ	0.55m	248	1.22k	-9.01	-
42.9	-1.21k																		
1	19	3	46	1	-74.9m	-0.78m	-0.12m	22.6	-8.01m	-1.64	-19.1	-5.53k	-57.5m	32.3μ	0.42m	277	1.25k	76.1m	-
	3.40	-1.26k																	
1	19	3	46	0	-29.9m	0.45m	0.11m	1.48k	7.29k	1.62	-12.0	-11.2k	-13.2m	1.39m	1.44m	2.43k	12.1k	13.3	-
	1.19	-10.2k																	
1	19	3	51	0	-29.5m	0.65m	-43.8μ	1.46k	7.24k	13.9	-55.1	-11.2k	-13.2m	1.64m	1.35m	2.42k	12.1k	36.5	-
	31.0	-10.2k																	
1	19	3	-	-	-74.0m	-0.66m	-0.14m	7.69	-10.4m	-12.0	-64.5	-11.2k	-13.3m	1.49m	1.03m	2.43k	12.1k	25.3	-
	2.66	-1.24k																	
1	20	3	56	1	-71.4m	-0.76m	41.9μ	-248	-0.115	-169	-238	-5.36k	-53.7m	0.10m	1.47m	102	1.12k	-103	
	-163	-994																	
1	20	3	51	1	-74.1m	-0.82m	13.7μ	-60.0	-82.3m	-43.3	-112	-5.49k	-56.4m	43.2μ	0.99m	239	1.22k	-16.7	-
	66.6	-1.18k																	
1	20	3	51	0	-29.4m	0.76m	1.14m	1.46k	7.22k	12.7	-75.0	-11.2k	-12.9m	1.97m	2.71m	2.42k	12.0k	44.7	-
	41.2	-10.2k																	
1	20	3	56	0	-28.2m	1.28m	2.40m	1.37k	7.00k	-44.0	-212	-11.2k	-13.2m	2.53m	3.62m	2.38k	11.9k	50.7	
	-131	-10.2k																	
1	20	3	-	-	-72.3m	-0.65m	97.7μ	-128	-0.126	-138	-231	-11.2k	-13.1m	2.20m	2.76m	2.41k	12.0k	50.1	-
	58.8	-1.10k																	
1	21	3	61	1	-69.7m	-0.73m	0.35m	-322	12.9m	-226	-289	-5.27k	-52.7m	86.8μ	1.78m	14.3	1.06k	-207	
	-274	-924																	
1																			

1	-553 23 -342	-58.1 3 -678	66	1	-68.1m	-0.74m	0.34m	-585	-0.475	-450	-509	-5.20k	-50.8m	0.18m	2.64m	-53.3	1.01k	-276	
1	23 -295	3 -10.1k	66	0	-26.8m	1.84m	4.52m	1.28k	6.73k	-138	-455	-11.3k	-11.5m	3.77m	6.45m	2.32k	11.6k	37.4	
1	23 -782	3 -9.42k	71	0	-22.5m	2.38m	8.12m	887	5.55k	-594	-1.07k	-11.2k	-11.5m	4.27m	11.0m	2.11k	10.7k	-33.3	
1	23 -334	3 -398	-	-	-64.0m	-0.61m	0.51m	-864	-0.764	-993	-885	-11.3k	-11.8m	3.93m	8.17m	2.23k	11.2k	11.6	
1	24 2.43k	3 423	76	1	-43.1m	-0.56m	1.22m	-1.61k	-166	-2.44k	461	-2.41k	-23.6m	2.61m	9.21m	-678	145	-2.08k	
1	24 -463	3 185	71	1	-56.9m	-0.69m	0.82m	-1.52k	-121	-1.46k	-711	-4.34k	-40.2m	0.41m	4.92m	-730	543	-1.05k	
1	24 -956	3 -9.21k	71	0	-21.6m	2.63m	9.06m	813	5.31k	-698	-1.63k	-10.9k	-8.47m	5.38m	12.8m	1.97k	10.1k	-94.8	
1	24 -983	3 -4.66k	76	0	-13.3m	4.97m	14.6m	306	2.47k	-1.62k	-2.99k	-8.14k	-6.29m	7.32m	18.2m	1.29k	6.76k	-313	
1	24 1.20k	3 424	-	-	-49.5m	-0.55m	0.99m	-1.66k	-162	-2.32k	-2.46k	-10.0k	-8.79m	5.92m	15.4m	1.68k	8.65k	-197	
1	25 7.70k	3 5.34k	5	1	-34.4m	-16.6m	14.4m	3.00k	-0.741	1.64k	-13.1k	-6.91k	20.4m	-6.41m	37.0m	5.73k	1.69k	2.12k	-
4.27k	25 -445	3 10	10	1	15.4m	-8.30m	3.83m	170	-4.72	2.43k	-7.33k	-1.05k	21.9m	-1.03m	13.5m	1.18k	358	2.53k	-
1	25 3.44k	3 -1.89k	10	0	-1.02m	-12.5m	15.1m	421	1.56k	383	495	-3.27k	11.3m	-9.56m	17.5m	658	2.96k	1.67k	
1	25 2.87k	3 2.01k	5	0	1.02m	-21.0m	5.03m	163	126	276	333	-264	13.5m	-14.3m	17.5m	802	884	1.24k	
1	25 3.16k	3 3.15k	-	-	-9.01m	-20.0m	5.81m	249	4.25	349	-10.1k	-2.28k	20.1m	-4.20m	18.6m	2.79k	1.46k	2.43k	
1	26 320	3 10	10	1	18.8m	-5.73m	1.65m	-1.23k	-127	2.34k	-5.79k	-1.63k	37.6m	0.44m	12.4m	194	299	2.55k	-
1.68k	26 663	3 344	15	1	36.9m	-0.49m	0.92m	-1.66k	-156	1.32k	133	-4.01k	53.5m	0.68m	5.52m	-912	410	1.77k	
1	26 2.09k	3 -8.64k	15	0	7.46m	-5.85m	10.4m	656	4.77k	152	1.13k	-10.5k	19.8m	-2.82m	14.5m	1.82k	9.39k	910	
1	26 3.21k	3 -2.57k	10	0	2.14m	-10.2m	15.6m	336	1.62k	377	495	-6.18k	11.6m	-6.32m	18.0m	992	5.20k	1.69k	
1	26 2.96k	3 427	-	-	7.51m	-9.45m	1.12m	-1.63k	-168	271	-3.07k	-9.03k	45.4m	0.54m	16.9m	1.45k	7.54k	2.42k	
1	27 693	3 145	15	1	39.0m	-0.36m	0.67m	-1.47k	-108	1.00k	547	-4.19k	57.6m	0.68m	4.85m	-816	481	1.36k	
1	27 603	3 -523	20	1	49.1m	-0.24m	0.42m	-753	-0.585	380	420	-5.09k	66.4m	0.72m	3.06m	-156	937	599	
1	27 594	3 -10.1k	20	0	11.1m	-4.11m	5.36m	1.22k	6.54k	-24.1	393	-11.3k	26.0m	-2.04m	7.54m	2.28k	11.4k	208	
1	27 1.39k	3 -8.96k	15	0	10.9m	-4.52m	9.41m	739	5.07k	73.9	1.00k	-11.0k	20.9m	-2.52m	12.7m	2.01k	10.2k	786	
1	27 999	3 -205	-	-	11.4m	-4.22m	0.60m	-1.07k	-23.3	13.7	425	-11.3k	61.6m	0.59m	9.45m	2.17k	10.9k	1.26k	
1	28 452	3 -716	20	1	50.1m	-0.19m	0.42m	-543	-75.1m	374	404	-5.09k	66.9m	0.73m	2.69m	-156	937	406	
1	28 376	3 -795	25	1	51.5m	-0.11m	0.42m	-460	14.7m	292	359	-5.18k	67.9m	0.71m	2.14m	-71.0	996	334	
1	28 351	3 -10.1k	25	0	12.5m	-3.18m	4.48m	1.30k	6.78k	-35.6	326	-11.3k	26.7m	-1.77m	6.31m	2.31k	11.6k	117	
1	28 420	3 -10.1k	20	0	12.2m	-3.42m	5.01m	1.25k	6.65k	-28.5	354	-11.3k	26.0m	-2.04m	6.25m	2.28k	11.5k	167	
1	28 431	3 -770	-	-	12.4m	-3.26m	0.43m	-486	96.5m	-31.3	348	-11.3k	67.2m	0.72m	5.71m	2.29k	11.5k	357	
1	29 361	3 -819	25	1	51.5m	-0.11m	0.42m	-433	14.7m	289	343	-5.18k	68.2m	0.72m	2.14m	-71.0	996	314	
1	29 316	3 -887	30	1	52.6m	-85.0μ	0.26m	-363	-38.0m	221	287	-5.25k	69.2m	0.75m	1.64m	-80.7m	1.05k	257	
1	29 285	3 -10.2k	30	0	12.9m	-2.91m	3.67m	1.34k	6.89k	-43.5	249	-11.3k	27.3m	-1.57m	5.56m	2.34k	11.7k	78.6	
1	29 341	3 -10.1k	25	0	12.7m	-3.10m	4.25m	1.30k	6.78k	-38.5	305	-11.3k	26.7m	-1.77m	5.31m	2.32k	11.6k	117	
1	29 358	3 -864	-	-	12.8m	-2.99m	0.42m	-385	64.3m	-40.5	277	-11.3k	68.6m	0.73m	4.93m	2.32k	11.6k	275	
1	30 301	3 -906	30	1	52.6m	-0.12m	0.10m	-341	-0.154	151	208	-5.29k	70.4m	0.75m	1.79m	39.7	1.07k	239	
1	30 147	3 -1.14k	35	1	55.9m	-54.9μ	50.6μ	-98.8	-0.114	30.2	89.4	-5.47k	73.7m	0.81m	1.16m	219	1.20k	68.3	
1	30 101	3 -10.2k	35	0	12.8m	-2.18m	1.46m	1.45k	7.19k	-48.6	57.4	-11.2k	29.2m	-0.89m	3.09m	2.41k	12.0k	-7.79	
1	30 276	3 -10.2k	30	0	13.2m	-2.80m	3.04m	1.34k	6.89k	-49.9	175	-11.3k	27.7m	-1.48m	4.40m	2.37k	11.8k	78.6	
1	30 295	3 -1.05k	-	-	13.0m	-2.43m	0.14m	-188	-0.176	-50.9	79.4	-11.2k	71.6m	0.65m	3.35m	2.40k	11.9k	200	
1	31 92.7	3 -1.18k	35	1	56.2m	-39.2μ	-0.12m	-50.9	-31.9m	17.2	59.5	-5.48k	73.9m	0.81m	0.71m	231	1.21k	36.1	
1	31 32.3	3 -1.25k	40	1	57.4m	-35.3μ	-0.10m	15.0	-16.7m	0.136	13.7	-5.53k	74.9m	0.78m	0.52m	275	1.24k	4.22	
1	31 20.1	3 -10.2k	40	0	13.2m	-1.46m	0.31m	1.48k	7.29k	-21.1	8.60	-11.2k	29.8m	-0.47m	1.67m	2.43k	12.1k	-6.11	
1	31 74.6	3 -10.2k	35	0	13.2m	-1.79m	0.34m	1.45k	7.21k	-42.1	43.7	-11.2k	29.4m	-0.75m	1.73m	2.42k	12.1k	-11.0	
1	31 86.8	3 -1.23k	-	-	13.3m	-1.58m	-51.3μ	-7.46	-22.7m	-32.4	11.7	-11.2k	73.8m	0.66m	1.33m	2.43k	12.1k	23.9	
1	32 14.4	3 -1.26k	40	1	57.5m	19.6μ	-32.8μ	24.2	1.39m	0.136	11.3	-5.53k	75.0m	0.79m	0.34m	275	1.24k	1.06	
1	32 7.21	3 -1.26k	45	1	57.6m	14.2μ	-3.09μ	26.3	2.64m	-35.6m	5.00	-5.53k	74.9m	0.77m	45.3μ	277	1.25k	0.436	
1	32 5.77	3 -10.2k	45	0	13.3m	-1.29m	97.7μ	1.48k	7.29k	-5.67	3.61	-11.2k	29.9m	-0.44m	1.17m	2.43k	12.1k	-2.32	
1	32 5.77	3 -10.2k	40	0	13.3m	-1.32m	-0.76m	1.48k	7.29k	-10.2	7.49	-11.2k	29.8m	-0.46m	0.48m	2.43k	12.1k	-6.11	

1	10.8	-10.2k	3	-	-	13.3m	-1.30m	-10.2μ	25.8	3.83m	-7.30	4.39	-11.2k	74.9m	0.77m	0.43m	2.43k	12.1k	0.605	
1	13.1	-1.26k	3	45	1	57.6m	14.2μ	8.57μ	26.8	2.64m	-35.6m	2.99	-5.53k	74.9m	0.77m	45.3μ	277	1.25k	0.304	
1	5.11	-1.26k	3	50	1	57.5m	21.6μ	-0.24m	27.0	1.94m	-0.166	-3.70	-5.53k	75.0m	0.79m	50.1μ	277	1.25k	61.6m	-
1.08	-1.26k	3	50	0	13.3m	-1.30m	-0.27m	1.48k	7.29k	0.700	-2.33	-11.2k	29.9m	-0.44m	0.99m	2.43k	12.1k	2.53	-	
0.132	-10.2k	3	45	0	13.3m	-1.29m	-0.94m	1.48k	7.29k	-3.85	1.34	-11.2k	29.9m	-0.44m	0.12m	2.43k	12.1k	-1.72		
1	4.12	-10.2k	3	-	-	13.3m	-1.29m	-0.28m	27.2	3.27m	-1.62	-3.20	-11.2k	75.0m	0.77m	87.9μ	2.43k	12.1k	1.15	
1	4.83	-1.26k	3	50	1	57.5m	-32.4μ	-0.42m	22.7	-7.97m	-1.62	-19.1	-5.53k	75.0m	0.78m	0.12m	277	1.25k	81.6m	-
3.40	-1.26k	3	55	1	56.7m	-30.2μ	-0.55m	-23.8	-19.3m	-21.1	-69.1	-5.50k	74.3m	0.82m	0.14m	248	1.22k	-8.96	-	
42.9	-1.21k	3	55	0	13.2m	-1.64m	-1.35m	1.46k	7.24k	14.0	-55.1	-11.2k	29.5m	-0.65m	46.8μ	2.42k	12.1k	36.5	-	
30.8	-10.2k	3	50	0	13.2m	-1.40m	-1.44m	1.48k	7.29k	1.62	-11.9	-11.2k	29.9m	-0.45m	-0.11m	2.43k	12.1k	13.3	-	
1	-10.2k	3	-	-	13.3m	-1.49m	-1.03m	7.78	-10.3m	-11.9	-64.5	-11.2k	74.0m	0.66m	0.14m	2.43k	12.1k	25.3	-	
1.21	-1.24k	3	55	1	56.4m	-43.2μ	-0.99m	-59.9	-82.3m	-43.2	-112	-5.49k	74.2m	0.82m	-13.7μ	239	1.22k	-16.7	-	
2.66	-1.18k	3	60	1	53.7m	-0.10m	-1.48m	-248	-0.115	-169	-238	-5.36k	71.4m	0.76m	-42.1μ	102	1.12k	-103		
66.6	-163	-994	3	60	0	13.2m	-2.54m	-3.62m	1.37k	7.00k	-43.8	-212	-11.2k	28.2m	-1.28m	-2.39m	2.38k	11.9k	50.7	
1	-131	-10.2k	3	55	0	12.9m	-1.97m	-2.71m	1.46k	7.22k	12.7	-74.9	-11.2k	29.4m	-0.76m	-1.14m	2.42k	12.0k	44.8	-
41.8	-10.2k	3	-	-	13.1m	-2.20m	-2.77m	-128	-0.125	-138	-231	-11.2k	72.3m	0.65m	-97.7μ	2.41k	12.0k	50.2	-	
58.7	-1.10k	3	60	1	53.7m	-66.7μ	-1.32m	-266	-27.4m	-183	-250	-5.33k	70.6m	0.76m	-0.19m	70.6	1.10k	-154		
1	-227	-979	3	65	1	52.8m	-86.7μ	-1.78m	-322	12.9m	-226	-289	-5.27k	69.7m	0.73m	-0.35m	14.5	1.06k	-206	
1	-274	-924	3	65	0	12.9m	-2.81m	-4.42m	1.35k	6.91k	-71.5	-263	-11.3k	27.4m	-1.59m	-3.36m	2.35k	11.7k	46.1	
1	-229	-10.2k	3	60	0	13.0m	-2.63m	-4.78m	1.37k	7.00k	-43.8	-217	-11.3k	27.9m	-1.40m	-3.00m	2.36k	11.8k	48.9	
1	-185	-10.2k	3	-	-	13.0m	-2.70m	-4.09m	-283	50.2m	-197	-283	-11.3k	70.0m	0.74m	-0.35m	2.35k	11.8k	47.2	
1	-207	-961	3	65	1	52.8m	-87.2μ	-1.78m	-343	12.9m	-242	-302	-5.27k	69.4m	0.73m	-0.35m	14.5	1.06k	-208	
1	-287	-904	3	70	1	51.6m	-0.13m	-2.29m	-410	-57.0m	-298	-368	-5.20k	68.6m	0.74m	-0.34m	-53.1	1.01k	-272	
1	-327	-840	3	70	0	12.4m	-3.11m	-5.27m	1.31k	6.81k	-108	-326	-11.3k	26.8m	-1.84m	-4.02m	2.32k	11.6k	40.3	
1	-264	-10.1k	3	65	0	12.7m	-2.88m	-5.44m	1.35k	6.91k	-71.5	-269	-11.3k	27.4m	-1.59m	-3.74m	2.34k	11.7k	44.6	
1	-246	-10.2k	3	-	-	12.6m	-2.96m	-4.77m	-364	77.5m	-259	-345	-11.3k	68.9m	0.73m	-0.35m	2.33k	11.7k	41.9	
1	-262	-884	3	70	1	50.8m	-0.18m	-2.64m	-584	-0.475	-450	-509	-5.20k	68.2m	0.74m	-0.34m	-53.1	1.01k	-276	
1	-342	-678	3	75	1	42.1m	-0.32m	-4.29m	-1.26k	-61.1	-1.09k	-700	-4.49k	60.6m	0.69m	-0.56m	-631	611	-781	
1	-552	-58.3	3	75	0	11.5m	-4.28m	-11.0m	888	5.55k	-594	-1.07k	-11.2k	22.6m	-2.39m	-8.13m	2.11k	10.7k	-33.0	
1	-782	-9.42k	3	70	0	11.5m	-3.77m	-6.44m	1.28k	6.73k	-138	-454	-11.3k	26.8m	-1.84m	-4.52m	2.32k	11.6k	37.5	
1	-296	-10.1k	3	-	-	11.8m	-3.93m	-8.19m	-864	-0.764	-993	-885	-11.3k	64.0m	0.61m	-0.51m	2.23k	11.2k	11.8	
1	-334	-399	3	75	1	40.2m	-0.41m	-4.92m	-1.52k	-121	-1.46k	-711	-4.34k	57.0m	0.69m	-0.82m	-729	543	-1.05k	
1	-463	185	3	80	1	23.6m	-2.61m	-9.22m	-1.61k	-166	-2.44k	459	-2.41k	43.1m	0.56m	-1.22m	-678	143	-2.08k	
1	2.42k	424	3	80	0	6.26m	-7.34m	-18.2m	306	2.47k	-1.62k	-2.99k	-8.15k	13.3m	-4.99m	-14.6m	1.29k	6.76k	-312	
1	-985	-4.67k	3	75	0	8.57m	-5.38m	-12.8m	813	5.31k	-698	-1.63k	-10.9k	21.6m	-2.64m	-9.07m	1.97k	10.1k	-94.4	
1	-956	-9.21k	3	-	-	8.83m	-5.93m	-15.4m	-1.66k	-162	-2.32k	-2.45k	-10.0k	49.5m	0.55m	-0.99m	1.68k	8.65k	-197	
1	1.19k	425	3	80	1	22.3m	-3.31m	-10.1m	-1.02k	-99.4	-2.53k	1.79k	-2.02k	35.5m	0.44m	-1.94m	-345	174	-2.37k	
1	3.95k	239	3	85	1	-48.8m	-20.1m	-38.1m	2.42k	-4.17	-2.21k	7.95k	-7.14k	23.8m	-5.72m	-10.8m	5.79k	1.74k	-1.55k	
1	14.9k	5.66k	3	85	0	1.11m	-20.7m	-17.7m	141	153	-1.30k	-3.02k	-350	15.2m	-13.6m	-5.21m	787	1.00k	-267	
1	-429	1.82k	3	80	0	1.95m	-9.07m	-18.7m	306	2.24k	-1.66k	-3.19k	-5.63k	12.2m	-6.51m	-15.4m	921	4.73k	-396	
1	-878	-3.94k	3	-	-	-1.39m	-20.0m	-19.0m	-451	-2.03	-2.55k	-3.29k	-4.22k	25.4m	-0.50m	-3.67m	2.79k	3.08k	-359	
1	8.92k	3.19k	3																	

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

– Sollecitazioni Shell piastre piano 0.Azione 17:Eccentricità Y Sisma X

Concentrazione di massa per piano in Zone 1 e Zona 2																			
Piastra		Zona			min.Lastra			min.Piastra			max.Lastra			max.Piastra					
Piano	N°	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
	vy				[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	
	[N/m]	[N/m]																	
0	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0																		

0	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	1	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	1	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	1	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	2	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	2	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	2	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	3	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	3	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	3	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	3	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	4	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	4	4	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	4	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	4	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	5	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	5	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	5	4	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	5	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	5	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	6	4	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	6	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	6	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	6	4	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	6	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	7	4	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	7	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	7	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	7	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	7	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	8	4	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	8	4	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	8	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	8	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	8	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	9	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	9	4	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	9	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	9	4	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	9	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	4	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	4	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															

0	10	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	4	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	4	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	4	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	4	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	4	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	4	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	4	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	4	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	4	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	4	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	4	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	4	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	4	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	4	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	4	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	4	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	4	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	4	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	4	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	4	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	4	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	4	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	4	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	4	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	4	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															

0	20	4	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	20	4	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	20	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	21	4	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	21	4	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	21	4	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	21	4	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	21	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	22	4	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	22	4	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	22	4	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	22	4	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	22	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	23	4	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	23	4	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	23	4	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	23	4	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	23	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	24	4	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	24	4	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	24	4	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	24	4	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	24	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	25	4	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	25	4	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	25	4	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	25	4	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	25	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	26	4	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	26	4	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	26	4	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	26	4	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	26	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	27	4	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	27	4	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	27	4	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	27	4	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	27	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	28	4	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	28	4	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	28	4	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	28	4	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	28	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	29	4	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	29	4	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	29	4	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	29	4	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	29	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	30	4	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	30	4	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	30	4	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	30	4	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	30	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	31	4	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	31	4	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	31	4	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	31	4	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	31	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	32	4	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	32	4	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	32	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	33	4	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	33	4	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	33	4	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	33	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	34	4	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	34	4	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	34	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	35	4	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	35	4	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	35	4	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	35	4	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	35	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	36	4	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	36	4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	36	4	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	36	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	37	4	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	37	4	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	37	4	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	37	4	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	37	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	38	4	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	38	4	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	38	4	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	38	4	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	38	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	39	4	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	39	4	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	39	4	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

0	39	4	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	39	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	40	4	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	40	4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	40	4	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	40	4	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	40	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	41	4	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	41	4	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	41	4	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	41	4	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	41	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	42	4	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	42	4	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	42	4	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	43	4	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	43	4	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	43	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	44	4	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	44	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	45	4	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	45	4	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	45	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	46	4	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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0	46	4	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	46	4	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	46	4	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	46	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	47	4	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	47	4	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	47	4	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	47	4	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	47	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	48	4	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	48	4	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	48	4	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	48	4	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	48	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	49	4	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																

0	49	4	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	49	4	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	49	4	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	49	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	50	4	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	50	4	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	50	4	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	50	4	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	50	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	51	4	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	51	4	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	51	4	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	51	4	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	51	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	52	4	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	52	4	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	52	4	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	52	4	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	52	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	53	4	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	53	4	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	53	4	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	53	4	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	53	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	54	4	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	54	4	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	54	4	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	54	4	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	54	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	55	4	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	55	4	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	55	4	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	55	4	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	55	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	56	4	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	56	4	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	56	4	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	56	4	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	56	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	57	4	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	57	4	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	57	4	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	57	4	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	57	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	58	4	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	58	4	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	58	4	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	58	4	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															

0	58	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	59	4	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	59	4	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	59	4	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	59	4	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	59	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	60	4	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	60	4	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	60	4	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	60	4	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	60	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	61	4	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	61	4	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	61	4	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	61	4	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	61	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	62	4	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	62	4	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	62	4	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	62	4	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	62	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	63	4	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	63	4	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	63	4	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	63	4	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	63	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	64	4	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	64	4	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	64	4	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	64	4	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																
0	64	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

– Sollecitazioni Shell pareti piano 1.Azione 17:Eccentricità Y Sisma X

Parete		Zona			min.Lastra				min.Piastra				max.Lastra				max.Piastra			
Piano	N°	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	
	vy				[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]		
	[N/m]		[N/m]																	
1	1	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	1	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	1	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	1	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	1	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	2	4	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	2	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	2	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	2	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	3	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0																		
1	3	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

1	0	0															
	3	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	3	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	3	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	4	4	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	4	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	4	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	4	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	5	4	82	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	5	4	81	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	5	4	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	5	4	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	5	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	6	4	83	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	6	4	82	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	6	4	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	6	4	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	6	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	7	4	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	7	4	83	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	7	4	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	7	4	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	7	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	8	4	85	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	8	4	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	8	4	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	8	4	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	8	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	9	4	81	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	9	4	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	9	4	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	9	4	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	9	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	10	4	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	10	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	10	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	10	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	10	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	11	4	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	11	4	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	11	4	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	11	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	11	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	4	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	4	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	4	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	4	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0

1	0	0															
	13	4	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	4	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	4	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	4	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	4	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	4	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	4	31	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	4	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	4	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	4	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	4	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	4	31	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	4	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	4	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	4	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	4	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	4	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	4	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	4	46	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	4	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	4	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	4	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	4	51	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	4	46	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	4	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	4	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	4	56	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	4	51	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	4	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	4	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	4	61	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	4	56	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	4	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	4	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	4	66	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	4	61	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	4	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1	0	0															
1	22	4	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	22	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	23	4	71	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	23	4	66	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	23	4	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	23	4	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	23	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	24	4	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	24	4	71	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	24	4	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	24	4	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	24	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	25	4	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	25	4	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	25	4	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	25	4	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	25	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	26	4	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	26	4	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	26	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	26	4	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	26	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	27	4	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	27	4	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	27	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	27	4	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	27	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	28	4	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	28	4	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	28	4	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	28	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	28	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	29	4	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	29	4	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	29	4	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	29	4	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	29	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	30	4	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	30	4	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	30	4	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	30	4	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	30	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	31	4	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	31	4	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	31	4	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	31	4	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	31	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
1	32	4	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0

1	0	0															
	32	4	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	4	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	4	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	4	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	4	50	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	4	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	4	50	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	4	55	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	4	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	4	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	4	55	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	4	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	4	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	4	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	4	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	4	65	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	4	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	4	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	4	65	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	4	70	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	4	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	4	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	4	70	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	4	75	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	4	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	4	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	4	75	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	4	80	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	4	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	4	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	4	80	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	4	85	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	4	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	4	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	4	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

— Sollecitazioni Shell piastre piano 0.Azione 18:Sisma Y

Piastra	Zona	min.Lastra	min.Piastra	max.Lastra	max.Piastra

Piano	N° vy	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
	[N/m]		[N/m]		[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	
0	1	5	1	0	0	0	0	2.01k	-7.61k	-1.61k	-15.3k	51.8k	0	0	0	2.01k	-7.61k	-1.61k	-
15.3k	51.8k																		
0	1	5	2	0	0	0	0	2.09k	7.09k	-5.00k	3.26k	-3.48k	0	0	0	2.11k	7.55k	-4.20k	
0	4.42k	-3.48k																	
0	1	5	7	0	0	0	0	1.58k	5.00k	-3.02k	2.78k	-2.08k	0	0	0	2.32k	6.38k	-2.40k	
0	4.02k	-1.10k																	
0	1	5	6	0	0	0	0	-3.70k	1.80k	-2.34k	7.04k	317	0	0	0	-1.57k	4.31k	-2.24k	
0	10.4k	26.7k																	
0	1	5	-	-	0	0	0	-1.20k	1.17k	-3.68k	2.08k	-2.78k	0	0	0	2.08k	6.65k	-2.26k	
0	11.6k	2.98k																	
0	2	5	2	0	0	0	0	1.47k	7.05k	-4.89k	3.16k	-2.87k	0	0	0	1.85k	7.42k	-4.20k	
0	5.16k	-2.87k																	
0	2	5	3	0	0	0	0	3.04k	11.9k	-233	495	-5.29k	0	0	0	3.34k	12.6k	-183	
0	1.23k	-5.29k																	
0	2	5	8	0	0	0	0	3.84k	9.59k	-895	4.63	-4.89k	0	0	0	4.15k	10.6k	-87.7	
0	696	-4.76k																	
0	2	5	7	0	0	0	0	2.26k	6.10k	-2.92k	1.74k	-3.75k	0	0	0	3.24k	7.84k	-2.02k	
0	2.93k	-2.23k																	
0	2	5	-	-	0	0	0	2.24k	6.68k	-3.52k	-348	-5.11k	0	0	0	3.86k	11.2k	-160	
0	1.53k	-2.55k																	
0	3	5	3	0	0	0	0	3.00k	11.9k	-182	-614	-5.26k	0	0	0	3.32k	12.6k	-176	
0	-192	-5.26k																	
0	3	5	4	0	0	0	0	1.59k	7.70k	4.05k	-5.34k	-3.36k	0	0	0	2.03k	8.14k	4.67k	-
0	3.08k	-3.36k																	
0	3	5	9	0	0	0	0	2.52k	6.57k	1.87k	-2.65k	-4.01k	0	0	0	3.42k	8.24k	2.82k	-
0	1.52k	-2.71k																	
0	3	5	8	0	0	0	0	3.88k	9.74k	-148	-520	-4.90k	0	0	0	4.15k	10.6k	681	
0	80.3	-4.82k																	
0	3	5	-	-	0	0	0	2.48k	7.27k	-159	-1.32k	-5.15k	0	0	0	3.94k	11.2k	3.41k	
0	379	-3.04k																	
0	4	5	4	0	0	0	0	2.31k	7.76k	4.04k	-4.68k	-4.07k	0	0	0	2.33k	8.29k	4.79k	-
0	3.23k	-4.07k																	
0	4	5	5	0	0	0	0	1.95k	-7.38k	1.58k	13.8k	49.9k	0	0	0	1.95k	-7.38k	1.58k	
0	13.8k	49.9k																	
0	4	5	10	0	0	0	0	-3.72k	1.88k	2.17k	-9.81k	175	0	0	0	-1.38k	4.16k	2.36k	-
0	7.14k	25.4k																	
0	4	5	9	0	0	0	0	1.85k	5.39k	2.32k	-3.69k	-2.54k	0	0	0	2.60k	6.91k	3.00k	-
0	2.45k	-1.64k																	
0	4	5	-	-	0	0	0	-1.03k	1.25k	2.30k	-10.8k	-3.31k	0	0	0	2.30k	7.23k	3.68k	-
0	1.74k	2.38k																	
0	5	5	6	0	0	0	0	-4.50k	301	-2.45k	7.71k	-734	0	0	0	-1.86k	2.64k	-1.77k	
0	11.3k	12.5k																	
0	5	5	7	0	0	0	0	1.59k	4.81k	-2.51k	3.47k	-1.75k	0	0	0	2.41k	6.12k	-1.28k	
0	4.22k	-734																	
0	5	5	12	0	0	0	0	1.76k	3.73k	-249	2.77k	-1.37k	0	0	0	2.45k	4.49k	148	
0	3.38k	-133																	
0	5	5	11	0	0	0	0	-2.22k	-2.58k	-716	4.21k	-54.8k	0	0	0	-176	3.45k	347	
0	9.43k	11.3k																	
0	5	5	-	-	0	0	0	-1.80k	2.46k	-2.51k	2.97k	-3.21k	0	0	0	2.45k	5.19k	114	
0	6.93k	4.07k																	
0	6	5	7	0	0	0	0	2.29k	5.44k	-2.43k	1.88k	-3.15k	0	0	0	3.37k	7.86k	-1.21k	
0	3.03k	-1.53k																	
0	6	5	8	0	0	0	0	4.01k	8.17k	-925	166	-4.44k	0	0	0	4.56k	9.97k	-66.5	
0	696	-3.67k																	
0	6	5	13	0	0	0	0	4.22k	5.03k	-34.3	229	-2.67k	0	0	0	4.60k	6.10k	75.4	
0	810	-2.11k																	
0	6	5	12	0	0	0	0	2.41k	3.97k	-218	1.86k	-1.70k	0	0	0	3.40k	4.80k	161	
0	2.78k	-1.31k																	
0	6	5	-	-	0	0	0	2.42k	4.66k	-1.78k	225	-4.03k	0	0	0	4.65k	9.26k	138	
0	3.00k	-1.37k																	
0	7	5	8	0	0	0	0	4.07k	8.22k	-106	-521	-4.43k	0	0	0	4.56k	9.97k	709	-
0	11.3	-3.71k																	
0	7	5	9	0	0	0	0	2.56k	5.76k	1.16k	-2.72k	-3.41k	0	0	0	3.56k	8.23k	2.35k	-
0	1.65k	-1.81k																	
0	7	5	14	0	0	0	0	2.67k	4.11k	-162	-2.55k	-1.80k	0	0	0	3.60k	4.97k	199	-
0	1.67k	-1.46k																	
0	7	5	13	0	0	0	0	4.30k	5.08k	-57.4	-619	-2.67k	0	0	0	4.60k	6.10k	16.8	-
0	41.2	-2.16k																	
0	7	5	-	-	0	0	0	2.73k	4.75k	-126	-2.71k	-4.15k	0	0	0	4.65k	9.47k	1.61k	-
0	38.0	-1.54k																	
0	8	5	9	0	0	0	0	1.87k	5.11k	1.24k	-3.90k	-2.15k	0	0	0	2.72k	6.58k	2.49k	-
0	3.13k	-1.00k																	
0	8	5	10	0	0	0	0	-4.48k	391	1.75k	-11.1k	-607	0	0	0	-1.70k	2.71k	2.42k	-
0	7.52k	11.7k																	
0	8	5	15	0	0	0	0	-2.15k	-2.22k	-266	-8.59k	-50.5k	0	0	0	-105	3.44k	668	-
0	4.16k	10.6k																	
0	8	5	14	0	0	0	0	2.02k	3.85k	-154	-3.21k	-1.50k	0	0	0	2.74k	4.68k	229	-
0	2.61k	-255																	
0	8	5	-	-	0	0	0	-1.65k	2.54k	-126	-6.62k	-3.18k	0	0	0	2.75k	5.47k	2.52k	-
0	3.03k	4.12k																	
0	9	5	11	0	0	0	0	-559	1.54k	-154	-1.10k	-61.0k	0	0	0	-161	6.97k	402	
0	3.93k	13.0k																	
0	9	5	12	0	0	0	0	1.78k	3.40k	133	2.49k	-1.37k	0	0	0	2.42k	4.01k	380	
0	3.00k	-5.74																	
0	9	5	17	0	0	0	0	1.61k	2.35k	620	1.54k	-1.11k	0	0	0	2.13k	2.79k	789	
0	1.96k	395																	
0	9	5	16	0	0	0	0	-1.57k	-4.86k	341	2.32k	-81.8k	0	0	0	563	3.06k	1.47k	
0	9.82k	16.1k																	
0	9	5	-	-	0	0	0	-82.8	1.75k	-208	1.22k	-4.49k	0	0	0	2.29k	3.50k	1.36k	
0	4.53k	7.84k																	
0	10	5	12	0	0	0	0	2.33k	3.52k	153	1.78k	-1.54k	0	0	0	3.34k	4.50k	393	
0	2.47k	-1.19k																	

0	10	5	13	0	0	0	0	4.07k	4.33k	5.82	209	-2.04k	0	0	0	4.40k	5.15k	117
	788	-1.74k																
0	10	5	18	0	0	0	0	3.04k	2.76k	32.4	146	-1.36k	0	0	0	3.52k	3.30k	264
	526	-1.15k																
0	10	5	17	0	0	0	0	1.94k	2.40k	568	1.12k	-1.11k	0	0	0	2.61k	2.90k	730
	1.69k	-869																
0	10	5	-	-	0	0	0	2.19k	2.65k	25.2	179	-1.87k	0	0	0	4.05k	4.92k	579
	2.07k	-1.05k																
0	11	5	13	0	0	0	0	4.10k	4.34k	-88.9	-602	-2.04k	0	0	0	4.40k	5.15k	21.9
	37.7	-1.76k																-
0	11	5	14	0	0	0	0	2.56k	3.61k	-390	-2.28k	-1.63k	0	0	0	3.53k	4.61k	-144
	1.60k	-1.28k																-
0	11	5	19	0	0	0	0	2.09k	2.45k	-700	-1.58k	-1.17k	0	0	0	2.73k	2.96k	-525
	1.01k	-906																-
0	11	5	18	0	0	0	0	3.09k	2.77k	-201	-404	-1.36k	0	0	0	3.52k	3.30k	34.0
	26.3	-1.17k																-
0	11	5	-	-	0	0	0	2.37k	2.68k	-565	-1.93k	-1.92k	0	0	0	4.15k	4.99k	29.9
	32.3	-1.08k																-
0	12	5	14	0	0	0	0	2.01k	3.50k	-379	-2.87k	-1.48k	0	0	0	2.68k	4.14k	-144
	2.35k	-127																-
0	12	5	15	0	0	0	0	-464	1.65k	-356	-3.88k	-56.1k	0	0	0	-87.9	6.57k	123
	282	12.2k																
0	12	5	20	0	0	0	0	-1.46k	-4.34k	-1.36k	-8.66k	-75.5k	0	0	0	596	3.02k	-392
	2.31k	15.1k																-
0	12	5	19	0	0	0	0	1.74k	2.40k	-770	-1.88k	-1.17k	0	0	0	2.30k	2.86k	-601
	1.46k	328																-
0	12	5	-	-	0	0	0	-27.0	1.81k	-1.26k	-4.37k	-4.39k	0	0	0	2.50k	3.60k	137
	1.33k	8.04k																-
0	13	5	16	0	0	0	0	53.3	513	744	-3.99k	-88.9k	0	0	0	930	7.64k	1.48k
	2.17k	19.1k																
0	13	5	17	0	0	0	0	1.56k	2.20k	716	1.61k	-1.17k	0	0	0	1.95k	2.45k	791
	1.76k	815																
0	13	5	22	0	0	0	0	1.50k	2.17k	756	1.41k	-1.10k	0	0	0	1.85k	2.27k	834
	1.71k	738																
0	13	5	21	0	0	0	0	-1.31k	-4.02k	748	2.11k	-87.4k	0	0	0	553	2.94k	1.39k
	8.55k	17.6k																
0	13	5	-	-	0	0	0	279	1.46k	728	1.08k	-5.38k	0	0	0	1.88k	2.41k	1.08k
	3.30k	18.3k																
0	14	5	17	0	0	0	0	1.92k	2.37k	588	1.12k	-1.17k	0	0	0	2.50k	2.60k	738
	1.43k	-784																
0	14	5	18	0	0	0	0	3.02k	2.70k	34.1	142	-1.12k	0	0	0	3.15k	2.79k	264
	494	-1.09k																
0	14	5	23	0	0	0	0	2.81k	2.48k	35.1	132	-1.07k	0	0	0	2.97k	2.58k	271
	450	-1.05k																
0	14	5	22	0	0	0	0	1.81k	2.20k	608	1.02k	-1.10k	0	0	0	2.32k	2.38k	766
	1.37k	-752																
0	14	5	-	-	0	0	0	1.88k	2.32k	35.0	139	-1.13k	0	0	0	3.03k	2.73k	752
	1.40k	-768																
0	15	5	18	0	0	0	0	3.06k	2.71k	-201	-380	-1.12k	0	0	0	3.15k	2.79k	34.8
	25.7	-1.11k																-
0	15	5	19	0	0	0	0	2.06k	2.42k	-706	-1.33k	-1.22k	0	0	0	2.61k	2.64k	-543
	1.02k	-826																-
0	15	5	24	0	0	0	0	1.95k	2.24k	-731	-1.28k	-1.15k	0	0	0	2.42k	2.41k	-561
		-922																
0	15	5	23	0	0	0	0	2.85k	2.49k	-206	-346	-1.07k	0	0	0	2.97k	2.58k	35.1
	23.9	-1.06k																-
0	15	5	-	-	0	0	0	2.03k	2.36k	-719	-1.30k	-1.18k	0	0	0	3.03k	2.75k	34.9
	25.1	-810																-
0	16	5	19	0	0	0	0	1.70k	2.25k	-773	-1.67k	-1.22k	0	0	0	2.10k	2.50k	-687
	1.53k	682																-
0	16	5	20	0	0	0	0	120	632	-1.37k	-2.17k	-81.4k	0	0	0	834	7.14k	-758
	2.97k	17.6k																
0	16	5	25	0	0	0	0	-1.22k	-3.56k	-1.30k	-7.54k	-80.3k	0	0	0	583	2.88k	-765
	2.11k	16.4k																-
0	16	5	24	0	0	0	0	1.62k	2.21k	-811	-1.63k	-1.15k	0	0	0	1.99k	2.31k	-722
	1.34k	614																-
0	16	5	-	-	0	0	0	329	1.53k	-1.04k	-3.11k	-5.11k	0	0	0	2.02k	2.43k	-709
	1.19k	17.0k																-
0	17	5	21	0	0	0	0	84.5	595	774	-4.01k	-89.0k	0	0	0	959	7.32k	1.39k
	2.26k	17.9k																
0	17	5	22	0	0	0	0	1.46k	2.04k	754	1.49k	-1.08k	0	0	0	1.82k	2.25k	833
	1.62k	785																
0	17	5	27	0	0	0	0	1.39k	2.01k	762	1.28k	-1.12k	0	0	0	1.71k	2.09k	849
	1.59k	974																
0	17	5	26	0	0	0	0	-1.40k	-4.83k	827	2.22k	-94.2k	0	0	0	595	3.14k	1.66k
	9.12k	20.3k																
0	17	5	-	-	0	0	0	359	1.44k	763	684	-5.61k	0	0	0	1.74k	2.33k	1.15k
	3.00k	19.1k																
0	18	5	22	0	0	0	0	1.78k	2.18k	608	1.02k	-1.08k	0	0	0	2.32k	2.36k	767
	1.31k	-722																
0	18	5	23	0	0	0	0	2.79k	2.43k	35.1	129	-1.03k	0	0	0	2.91k	2.51k	270
	450	-1.00k																
0	18	5	28	0	0	0	0	2.59k	2.23k	35.5	120	-984	0	0	0	2.73k	2.31k	273
	408	-964																
0	18	5	27	0	0	0	0	1.67k	2.01k	615	930	-1.12k	0	0	0	2.14k	2.16k	778
	1.27k	-694																
0	18	5	-	-	0	0	0	1.75k	2.13k	35.5	126	-1.10k	0	0	0	2.79k	2.46k	774
	1.29k	-708																
0	19	5	23	0	0	0	0	2.82k	2.43k	-205	-346	-1.03k	0	0	0	2.91k	2.51k	35.4
	23.3	-1.01k																-
0	19	5	24	0	0	0	0	1.91k	2.21k	-732	-1.22k	-1.13k	0	0	0	2.42k	2.39k	-561
		-926																
0	19	5	29	0	0	0	0	1.79k	2.04k	-742	-1.19k	-1.16k	0	0	0	2.23k	2.18k	-567
		-763																
0	19	5	28	0	0	0	0	2.62k	2.24k	-207	-313	-984	0	0	0	2.73k	2.31k	35.5
		-840																-
0	19	5																
	21.6	-973																

0	19	5	-	-	0	0	0	1.88k	2.16k	-739	-1.20k	-1.15k	0	0	0	2.80k	2.47k	35.4	-
22.7	-747																		
0	20	5	24	0	0	0	0	1.58k	2.08k	-810	-1.53k	-1.13k	0	0	0	1.96k	2.29k	-720	-
1.41k	660																		
0	20	5	25	0	0	0	0	146	690	-1.30k	-2.21k	-81.8k	0	0	0	866	6.85k	-792	
	3.02k	16.7k																	
0	20	5	30	0	0	0	0	-1.29k	-4.29k	-1.55k	-8.00k	-86.2k	0	0	0	617	3.04k	-841	-
2.17k	18.8k																		
0	20	5	29	0	0	0	0	1.50k	2.04k	-824	-1.51k	-1.16k	0	0	0	1.84k	2.11k	-729	-
1.22k	837																		
0	20	5	-	-	0	0	0	399	1.49k	-1.11k	-2.83k	-5.32k	0	0	0	1.88k	2.30k	-729	
	-823	17.7k																	
0	21	5	26	0	0	0	0	40.2	362	536	-5.88k	-90.9k	0	0	0	1.32k	8.74k	1.65k	
	2.10k	18.1k																	
0	21	5	27	0	0	0	0	1.25k	1.74k	743	1.18k	-1.02k	0	0	0	1.68k	2.07k	848	
	1.52k	648																	
0	21	5	32	0	0	0	0	788	989	725	549	-906	0	0	0	1.13k	1.26k	835	
	858	1.06k																	
0	21	5	31	0	0	0	0	-1.73k	-7.69k	532	1.08k	-104k	0	0	0	571	2.64k	2.04k	
	10.6k	22.0k																	
0	21	5	-	-	0	0	0	277	535	164	-465	-5.44k	0	0	0	1.38k	2.24k	2.08k	
	2.95k	10.3k																	
0	22	5	27	0	0	0	0	1.46k	1.74k	615	874	-1.02k	0	0	0	2.14k	2.14k	777	
	1.20k	-714																	
0	22	5	28	0	0	0	0	2.29k	1.87k	35.2	101	-939	0	0	0	2.67k	2.25k	273	
	408	-848																	
0	22	5	33	0	0	0	0	1.36k	1.06k	32.3	58.5	-719	0	0	0	1.73k	1.34k	255	
	219	-655																	
0	22	5	32	0	0	0	0	907	989	577	456	-908	0	0	0	1.26k	1.28k	749	
	717	-523																	
0	22	5	-	-	0	0	0	1.21k	1.05k	34.1	79.9	-901	0	0	0	2.50k	2.21k	748	
	970	-633																	
0	23	5	28	0	0	0	0	2.31k	1.87k	-207	-313	-939	0	0	0	2.67k	2.25k	35.5	-
18.2	-850																		
0	23	5	29	0	0	0	0	1.57k	1.76k	-742	-1.11k	-1.07k	0	0	0	2.23k	2.16k	-567	
	-789	-739																	
0	23	5	34	0	0	0	0	969	994	-715	-670	-953	0	0	0	1.32k	1.29k	-531	
	-412	-538																	
0	23	5	33	0	0	0	0	1.38k	1.06k	-194	-169	-719	0	0	0	1.73k	1.34k	33.7	-
	10.6	-657																	
0	23	5	-	-	0	0	0	1.25k	1.05k	-718	-901	-913	0	0	0	2.55k	2.22k	34.8	-
14.4	-641																		
0	24	5	29	0	0	0	0	1.35k	1.75k	-824	-1.43k	-1.07k	0	0	0	1.81k	2.09k	-711	-
1.12k	581																		
0	24	5	30	0	0	0	0	98.8	447	-1.54k	-2.06k	-83.8k	0	0	0	1.20k	8.17k	-591	
	4.62k	17.1k																	
0	24	5	35	0	0	0	0	-1.59k	-7.00k	-1.88k	-9.07k	-95.9k	0	0	0	571	2.54k	-589	-
1.06k	20.6k																		
0	24	5	34	0	0	0	0	844	994	-807	-809	-952	0	0	0	1.21k	1.27k	-689	
	-525	972																	
0	24	5	-	-	0	0	0	309	562	-1.92k	-2.76k	-5.29k	0	0	0	1.48k	2.24k	-250	
	283	10.5k																	
0	25	5	31	0	0	0	0	-119	-806	502	-8.40k	-105k	0	0	0	1.71k	9.51k	2.04k	
	984	22.3k																	
0	25	5	32	0	0	0	0	627	797	689	568	-897	0	0	0	920	1.05k	830	
	834	1.09k																	
0	25	5	37	0	0	0	0	200	159	660	-19.0	-805	0	0	0	401	394	776	
	271	1.01k																	
0	25	5	36	0	0	0	0	-1.65k	-8.03k	433	71.3	-103k	0	0	0	379	1.67k	1.75k	
	9.35k	20.5k																	
0	25	5	-	-	0	0	0	48.5	-277	57.7	-1.06k	-5.49k	0	0	0	671	1.41k	2.11k	
	2.35k	10.8k																	
0	26	5	32	0	0	0	0	699	796	569	420	-899	0	0	0	1.14k	1.05k	744	
	589	-506																	
0	26	5	33	0	0	0	0	1.08k	810	31.7	45.0	-635	0	0	0	1.41k	1.07k	252	
	200	-594																	
0	26	5	38	0	0	0	0	288	213	30.3	11.4	-537	0	0	0	590	429	235	
	54.6	-514																	
0	26	5	37	0	0	0	0	201	159	539	81.3	-806	0	0	0	439	403	698	
	216	-422																	
0	26	5	-	-	0	0	0	258	208	30.7	28.6	-656	0	0	0	1.32k	1.06k	687	
	434	-504																	
0	27	5	33	0	0	0	0	1.09k	811	-192	-154	-635	0	0	0	1.41k	1.07k	32.4	-
8.18	-594																		
0	27	5	34	0	0	0	0	750	794	-706	-545	-943	0	0	0	1.19k	1.06k	-524	
	-378	-520																	
0	27	5	39	0	0	0	0	211	165	-662	-202	-837	0	0	0	459	410	-495	-
	-428																		
74.5	27	5	38	0	0	0	0	292	213	-178	-42.4	-537	0	0	0	591	429	30.7	-
2.09	-515																		
0	27	5	-	-	0	0	0	266	210	-658	-400	-660	0	0	0	1.34k	1.06k	31.3	-
5.24	-507																		
0	28	5	34	0	0	0	0	679	795	-800	-780	-942	0	0	0	982	1.06k	-656	
	-528	1.00k																	
0	28	5	35	0	0	0	0	-76.2	-695	-1.88k	-973	-96.8k	0	0	0	1.57k	8.82k	-561	
	6.91k	20.9k																	
0	28	5	40	0	0	0	0	-1.52k	-7.39k	-1.61k	-7.90k	-95.2k	0	0	0	363	1.59k	-493	-
	19.4k																		
90.3	28	5	39	0	0	0	0	210	165	-749	-259	-836	0	0	0	424	403	-630	
	12.0	958																	
0	28	5	-	-	0	0	0	61.9	-248	-1.93k	-2.14k	-5.34k	0	0	0	719	1.39k	-148	
	883	11.1k																	
0	29	5	36	0	0	0	0	-257	-1.51k	793	-7.85k	-109k	0	0	0	1.46k	7.52k	1.76k	-
28.4	23.6k																		
0	29	5	37	0	0	0	0	151	46.4	681	35.6	-903	0	0	0	212	220	776	
	253	1.45k																	

0	29	5	42	0	0	0	0	68.3	52.7	689	-67.7	-834	0	0	0	107	185	783
	149	1.29k																
0	29	5	41	0	0	0	0	-1.35k	-6.68k	756	-31.1	-105k	0	0	0	299	1.47k	1.55k
	7.57k	21.2k																
0	29	5	-	-	0	0	0	-29.4	-487	688	-1.07k	-6.31k	0	0	0	211	597	1.18k
	1.54k	22.4k																
0	30	5	37	0	0	0	0	174	162	540	58.7	-903	0	0	0	246	220	700
	98.5	-361																
0	30	5	38	0	0	0	0	246	180	30.3	9.72	-510	0	0	0	297	214	234
	38.7	-508																
0	30	5	43	0	0	0	0	109	81.7	30.2	4.55	-507	0	0	0	159	115	234
	15.6	-505																
0	30	5	42	0	0	0	0	68.3	52.7	541	33.8	-835	0	0	0	124	111	703
	87.3	-358																
0	30	5	-	-	0	0	0	97.0	81.1	30.3	7.99	-869	0	0	0	280	212	702
	75.6	-360																
0	31	5	38	0	0	0	0	248	181	-178	-30.0	-510	0	0	0	297	214	30.3
1.79	-509																	-
0	31	5	39	0	0	0	0	183	167	-664	-92.4	-922	0	0	0	255	227	-496
53.5	-377																	-
0	31	5	44	0	0	0	0	73.2	53.0	-665	-83.2	-859	0	0	0	129	112	-495
30.3	-377																	-
0	31	5	43	0	0	0	0	111	81.7	-177	-12.0	-507	0	0	0	159	115	30.3
0.790	-506																	-
0	31	5	-	-	0	0	0	100	81.2	-665	-70.7	-891	0	0	0	285	213	30.3
1.47	-377																	-
0	32	5	39	0	0	0	0	159	62.2	-748	-229	-922	0	0	0	223	227	-647
41.7	1.32k																	-
0	32	5	40	0	0	0	0	-231	-1.38k	-1.62k	-3.01	-100k	0	0	0	1.34k	6.91k	-806
	6.57k	21.8k																
0	32	5	45	0	0	0	0	-1.24k	-6.13k	-1.44k	-6.38k	-96.7k	0	0	0	281	1.38k	-774
	4.55	19.8k																
0	32	5	44	0	0	0	0	73.2	53.0	-754	-133	-859	0	0	0	113	180	-653
	55.7	1.17k																
0	32	5	-	-	0	0	0	-21.7	-432	-1.13k	-1.34k	-5.95k	0	0	0	216	560	-653
	901	20.8k																
0	33	5	41	0	0	0	0	-260	-1.32k	755	-7.40k	-105k	0	0	0	1.35k	6.83k	1.55k
	192	21.3k																
0	33	5	42	0	0	0	0	31.8	-25.1	689	-30.8	-834	0	0	0	79.5	109	783
	177	1.29k																
0	33	5	47	0	0	0	0	-64.4	-58.3	677	-144	-901	0	0	0	-25.5	114	772
	83.3	1.45k																
0	33	5	46	0	0	0	0	-1.46k	-7.39k	790	190	-109k	0	0	0	296	1.67k	1.75k
	8.04k	23.6k																
0	33	5	-	-	0	0	0	-127	-442	687	-1.39k	-6.31k	0	0	0	114	644	1.18k
	1.22k	22.4k																
0	34	5	42	0	0	0	0	40.4	51.6	541	8.55	-834	0	0	0	92.0	109	703
	46.4	-357																
0	34	5	43	0	0	0	0	65.3	49.0	30.2	2.90	-505	0	0	0	113	81.9	234
	15.7	-503																
0	34	5	48	0	0	0	0	-71.1	-49.6	30.2	-7.23	-506	0	0	0	-24.9	-16.4	233
0.510	-504																	-
0	34	5	47	0	0	0	0	-64.9	-58.4	538	-16.3	-901	0	0	0	-24.0	0.147	696
	37.7	-358																
0	34	5	-	-	0	0	0	-67.7	-47.7	30.2	-10.8	-867	0	0	0	106	82.0	700
	30.4	-358																
0	35	5	43	0	0	0	0	66.0	49.0	-177	-12.1	-505	0	0	0	113	81.9	30.2
0.516	-505																	-
0	35	5	44	0	0	0	0	44.0	50.8	-665	-42.8	-858	0	0	0	95.7	109	-495
5.81	-376																	-
0	35	5	49	0	0	0	0	-65.5	-64.6	-660	-36.0	-920	0	0	0	-23.7	-4.83	-493
	17.2	-373																
0	35	5	48	0	0	0	0	-71.1	-49.6	-177	0.122	-506	0	0	0	-25.0	-16.6	30.2
	5.86	-505																
0	35	5	-	-	0	0	0	-68.6	-48.4	-663	-26.9	-889	0	0	0	108	82.0	30.2
	10.6	-375																
0	36	5	44	0	0	0	0	35.1	-19.7	-754	-159	-858	0	0	0	84.3	109	-653
	20.1	1.17k																
0	36	5	45	0	0	0	0	-240	-1.23k	-1.44k	-164	-96.7k	0	0	0	1.24k	6.28k	-773
	6.21k	19.8k																
0	36	5	50	0	0	0	0	-1.34k	-6.77k	-1.62k	-6.75k	-100k	0	0	0	273	1.54k	-804
	-157	21.8k																
0	36	5	49	0	0	0	0	-64.9	-64.5	-745	-71.8	-920	0	0	0	-24.6	99.0	-643
	126	1.32k																
0	36	5	-	-	0	0	0	-124	-405	-1.13k	-1.05k	-5.95k	0	0	0	113	589	-651
	1.19k	20.8k																
0	37	5	46	0	0	0	0	-341	-1.52k	424	-9.20k	-103k	0	0	0	1.66k	8.20k	1.74k
	91.8	20.6k																
0	37	5	47	0	0	0	0	-251	-230	652	-159	-801	0	0	0	-52.1	3.25	773
	129	1.02k																
0	37	5	52	0	0	0	0	-761	-869	675	-711	-877	0	0	0	-496	-623	814
	-449	1.12k																
0	37	5	51	0	0	0	0	-1.74k	-9.47k	483	-800	-106k	0	0	0	158	980	2.04k
	8.71k	22.5k																
0	37	5	-	-	0	0	0	-561	-1.25k	42.5	-2.20k	-5.54k	0	0	0	36.5	436	2.10k
	1.21k	10.9k																
0	38	5	47	0	0	0	0	-272	-238	535	-117	-802	0	0	0	-52.6	3.15	695
5.13	-417																	-
0	38	5	48	0	0	0	0	-362	-260	30.1	-24.9	-522	0	0	0	-69.3	-48.7	233
2.20	-506																	-
0	38	5	53	0	0	0	0	-1.16k	-867	31.0	-163	-596	0	0	0	-844	-626	246
35.0	-564																	-
0	38	5	52	0	0	0	0	-941	-869	557	-481	-879	0	0	0	-544	-623	729
	-339	-479																
0	38	5	-	-	0	0	0	-1.09k	-862	30.3	-332	-643	0	0	0	-63.9	-43.9	674
8.87	-498																	-

0	39	5	48	0	0	0	0	-362	-260	-177	0.412	-522	0	0	0	-70.0	-49.1	30.3
	18.0	-508																
0	39	5	49	0	0	0	0	-284	-244	-659	5.88	-833	0	0	0	-53.1	-2.56	-491
	111	-422																
0	39	5	54	0	0	0	0	-979	-874	-692	305	-922	0	0	0	-584	-619	-512
	444	-491																
0	39	5	53	0	0	0	0	-1.16k	-867	-187	6.36	-596	0	0	0	-849	-627	31.6
	126	-564																
0	39	5	-	-	0	0	0	-1.11k	-864	-646	3.51	-643	0	0	0	-65.0	-45.6	30.7
	305	-500																
0	40	5	49	0	0	0	0	-264	-238	-745	-116	-832	0	0	0	-52.4	-2.42	-622
	154	966																
0	40	5	50	0	0	0	0	-322	-1.44k	-1.61k	-70.7	-95.5k	0	0	0	1.52k	7.55k	-484
	7.75k	19.4k																
0	40	5	55	0	0	0	0	-1.60k	-8.76k	-1.88k	-7.20k	-97.9k	0	0	0	120	869	-542
	793	21.1k																
0	40	5	54	0	0	0	0	-812	-874	-784	417	-921	0	0	0	-535	-620	-643
	664	1.04k																
0	40	5	-	-	0	0	0	-601	-1.23k	-1.93k	-1.03k	-5.38k	0	0	0	30.0	407	-133
	1.98k	11.1k																
0	41	5	51	0	0	0	0	-540	-2.51k	514	-10.5k	-106k	0	0	0	1.74k	7.95k	2.04k
	-890	22.3k																
0	41	5	52	0	0	0	0	-969	-1.06k	709	-725	-885	0	0	0	-656	-806	820
	-422	1.10k																
0	41	5	57	0	0	0	0	-1.52k	-1.83k	739	-1.36k	-974	0	0	0	-1.11k	-1.53k	863
	1.03k	724																-
0	41	5	56	0	0	0	0	-1.41k	-8.84k	540	-1.88k	-93.6k	0	0	0	-24.9	-169	1.71k
	6.37k	18.7k																
0	41	5	-	-	0	0	0	-1.21k	-2.06k	144	-2.78k	-5.50k	0	0	0	-250	-362	2.10k
	651	10.5k																
0	42	5	52	0	0	0	0	-1.07k	-1.08k	564	-599	-887	0	0	0	-748	-806	734
	-373	-493																
0	42	5	53	0	0	0	0	-1.48k	-1.13k	31.5	-182	-666	0	0	0	-1.12k	-864	249
	47.9	-613																-
0	42	5	58	0	0	0	0	-2.39k	-1.95k	34.8	-358	-851	0	0	0	-2.02k	-1.61k	273
	87.8	-774																-
0	42	5	57	0	0	0	0	-1.92k	-1.87k	614	-1.06k	-976	0	0	0	-1.29k	-1.52k	786
	-766	-655																
0	42	5	-	-	0	0	0	-2.23k	-1.93k	33.3	-841	-820	0	0	0	-996	-856	740
	67.9	-597																-
0	43	5	53	0	0	0	0	-1.48k	-1.13k	-190	8.66	-666	0	0	0	-1.14k	-865	33.0
	140	-615																
0	43	5	54	0	0	0	0	-1.13k	-1.09k	-701	337	-930	0	0	0	-799	-809	-519
	561	-505																
0	43	5	59	0	0	0	0	-2.00k	-1.89k	-750	691	-1.02k	0	0	0	-1.39k	-1.53k	-565
	981	-676																
0	43	5	58	0	0	0	0	-2.39k	-1.95k	-207	15.8	-851	0	0	0	-2.03k	-1.61k	35.3
	275	-776																
0	43	5	-	-	0	0	0	-2.28k	-1.93k	-710	12.3	-829	0	0	0	-1.03k	-858	34.2
	780	-604																
0	44	5	54	0	0	0	0	-1.03k	-1.08k	-792	405	-929	0	0	0	-702	-809	-674
	681	1.02k																
0	44	5	55	0	0	0	0	-536	-2.41k	-1.88k	875	-97.2k	0	0	0	1.60k	7.25k	-572
	8.97k	20.9k																
0	44	5	60	0	0	0	0	-1.29k	-8.25k	-1.59k	-5.07k	-86.4k	0	0	0	-79.5	-253	-596
	1.84k	17.6k																
0	44	5	59	0	0	0	0	-1.63k	-1.85k	-836	973	-1.02k	0	0	0	-1.21k	-1.53k	-706
	1.28k	660																
0	44	5	-	-	0	0	0	-1.30k	-2.06k	-1.94k	-464	-5.35k	0	0	0	-281	-388	-231
	2.58k	10.7k																
0	45	5	56	0	0	0	0	-598	-3.03k	861	-9.11k	-97.4k	0	0	0	1.39k	5.16k	1.72k
	2.00k	21.0k																-
0	45	5	57	0	0	0	0	-1.55k	-1.87k	771	-1.41k	-1.08k	0	0	0	-1.26k	-1.77k	863
	1.11k	1.07k																-
0	45	5	62	0	0	0	0	-1.66k	-2.00k	774	-1.45k	-1.04k	0	0	0	-1.33k	-1.81k	861
	1.31k	881																-
0	45	5	61	0	0	0	0	-1.06k	-7.41k	817	-2.03k	-92.3k	0	0	0	-82.2	-399	1.48k
	4.50k	18.6k																
0	45	5	-	-	0	0	0	-1.58k	-2.18k	777	-2.82k	-5.76k	0	0	0	-360	-1.25k	1.20k
	-435	19.8k																
0	46	5	57	0	0	0	0	-1.92k	-1.90k	619	-1.13k	-1.08k	0	0	0	-1.50k	-1.77k	787
	-818	-630																
0	46	5	58	0	0	0	0	-2.45k	-2.01k	35.4	-358	-889	0	0	0	-2.31k	-1.94k	273
	-105	-873																
0	46	5	63	0	0	0	0	-2.62k	-2.19k	35.6	-396	-925	0	0	0	-2.51k	-2.12k	274
	-114	-907																
0	46	5	62	0	0	0	0	-2.10k	-2.08k	620	-1.16k	-1.04k	0	0	0	-1.62k	-1.93k	787
	-903	-655																
0	46	5	-	-	0	0	0	-2.50k	-2.15k	35.6	-1.14k	-1.06k	0	0	0	-1.58k	-1.89k	789
	-111	-642																
0	47	5	58	0	0	0	0	-2.45k	-2.01k	-207	18.9	-889	0	0	0	-2.35k	-1.94k	35.6
	275	-881																
0	47	5	59	0	0	0	0	-2.00k	-1.92k	-750	738	-1.12k	0	0	0	-1.61k	-1.79k	-570
	1.05k	-662																
0	47	5	64	0	0	0	0	-2.19k	-2.10k	-750	817	-1.08k	0	0	0	-1.74k	-1.96k	-570
	1.08k	-691																
0	47	5	63	0	0	0	0	-2.62k	-2.19k	-208	20.5	-925	0	0	0	-2.54k	-2.12k	35.6
	304	-915																
0	47	5	-	-	0	0	0	-2.52k	-2.16k	-752	20.0	-1.10k	0	0	0	-1.70k	-1.90k	35.6
	1.06k	-676																
0	48	5	59	0	0	0	0	-1.66k	-1.88k	-836	1.06k	-1.12k	0	0	0	-1.36k	-1.79k	-736
	1.34k	933																
0	48	5	60	0	0	0	0	-614	-2.93k	-1.60k	1.95k	-89.1k	0	0	0	1.29k	4.61k	-874
	7.95k	19.4k																
0	48	5	65	0	0	0	0	-965	-6.93k	-1.38k	-3.46k	-84.9k	0	0	0	-139	-493	-834
	1.98k	17.3k																

0	48	5	64	0	0	0	0	-1.78k	-2.03k	-835	1.24k	-1.08k	0	0	0	-1.44k	-1.84k	-738
	1.36k	758																
0	48	5	-	-	0	0	0	-1.70k	-2.15k	-1.16k	582	-5.45k	0	0	0	-395	-1.29k	-741
	2.64k	18.4k																
0	49	5	61	0	0	0	0	-569	-2.83k	801	-8.55k	-90.9k	0	0	0	1.29k	4.36k	1.47k
1.87k	18.3k																	-
0	49	5	62	0	0	0	0	-1.69k	-2.02k	775	-1.52k	-1.05k	0	0	0	-1.38k	-1.94k	861
1.23k	840																	-
0	49	5	67	0	0	0	0	-1.80k	-2.18k	750	-1.58k	-1.13k	0	0	0	-1.45k	-1.95k	831
1.43k	930																	-
0	49	5	66	0	0	0	0	-1.06k	-7.80k	811	-1.92k	-92.8k	0	0	0	-64.9	-299	1.59k
	4.55k	20.0k																
0	49	5	-	-	0	0	0	-1.73k	-2.22k	767	-3.12k	-5.57k	0	0	0	-292	-1.26k	1.16k
	-823	19.1k																
0	50	5	62	0	0	0	0	-2.10k	-2.10k	620	-1.22k	-1.05k	0	0	0	-1.65k	-1.95k	786
	-899	-681																
0	50	5	63	0	0	0	0	-2.68k	-2.25k	35.6	-396	-964	0	0	0	-2.53k	-2.17k	274
	-116	-944																
0	50	5	68	0	0	0	0	-2.86k	-2.44k	35.2	-437	-1.01k	0	0	0	-2.74k	-2.36k	271
	-126	-984																
0	50	5	67	0	0	0	0	-2.28k	-2.30k	610	-1.26k	-1.13k	0	0	0	-1.76k	-2.11k	768
	-990	-709																
0	50	5	-	-	0	0	0	-2.74k	-2.40k	35.6	-1.24k	-1.09k	0	0	0	-1.73k	-2.06k	779
	-122	-695																
0	51	5	63	0	0	0	0	-2.68k	-2.25k	-208	21.0	-964	0	0	0	-2.57k	-2.18k	35.6
	304	-953																
0	51	5	64	0	0	0	0	-2.19k	-2.12k	-749	813	-1.10k	0	0	0	-1.77k	-1.98k	-570
	1.14k	-719																
0	51	5	69	0	0	0	0	-2.38k	-2.32k	-734	898	-1.17k	0	0	0	-1.89k	-2.15k	-562
	1.18k	-746																
0	51	5	68	0	0	0	0	-2.86k	-2.44k	-206	22.7	-1.01k	0	0	0	-2.77k	-2.37k	35.5
	336	-994																
0	51	5	-	-	0	0	0	-2.74k	-2.41k	-743	22.1	-1.13k	0	0	0	-1.85k	-2.10k	35.5
	1.15k	-732																
0	52	5	64	0	0	0	0	-1.81k	-2.05k	-835	1.18k	-1.10k	0	0	0	-1.49k	-1.97k	-739
	1.45k	718																
0	52	5	65	0	0	0	0	-593	-2.76k	-1.38k	1.87k	-83.6k	0	0	0	1.20k	3.88k	-818
	7.51k	17.1k																
0	52	5	70	0	0	0	0	-963	-7.28k	-1.48k	-3.48k	-85.0k	0	0	0	-127	-419	-825
	1.92k	18.4k																
0	52	5	69	0	0	0	0	-1.93k	-2.22k	-808	1.35k	-1.17k	0	0	0	-1.56k	-2.00k	-718
	1.48k	798																
0	52	5	-	-	0	0	0	-1.85k	-2.23k	-1.12k	937	-5.28k	0	0	0	-337	-1.32k	-733
	2.92k	17.7k																
0	53	5	66	0	0	0	0	-599	-2.97k	431	-9.92k	-85.9k	0	0	0	1.55k	5.29k	1.59k
2.06k	16.9k																	-
0	53	5	67	0	0	0	0	-1.99k	-2.50k	681	-1.74k	-1.06k	0	0	0	-1.50k	-2.10k	832
1.35k	503																	-
0	53	5	72	0	0	0	0	-2.36k	-3.64k	344	-2.67k	-1.32k	0	0	0	-1.77k	-3.09k	521
2.23k	150																	-
0	53	5	71	0	0	0	0	-181	-7.59k	87.7	-3.49k	-68.9k	0	0	0	330	-1.29k	772
	2.33k	14.6k																
0	53	5	-	-	0	0	0	-2.18k	-3.25k	-54.3	-4.21k	-4.66k	0	0	0	-82.7	-1.53k	1.55k
	-935	8.37k																
0	54	5	67	0	0	0	0	-2.40k	-2.58k	597	-1.50k	-1.06k	0	0	0	-1.79k	-2.13k	765
	-986	-792																
0	54	5	68	0	0	0	0	-3.23k	-2.90k	34.3	-466	-1.21k	0	0	0	-2.76k	-2.42k	272
	-129	-1.03k																
0	54	5	73	0	0	0	0	-4.18k	-4.51k	16.8	-733	-1.77k	0	0	0	-3.81k	-3.80k	178
	-191	-1.53k																
0	54	5	72	0	0	0	0	-3.20k	-4.02k	315	-2.22k	-1.39k	0	0	0	-2.24k	-3.18k	528
1.61k	-1.12k																	-
0	54	5	-	-	0	0	0	-3.85k	-4.34k	29.8	-1.86k	-1.63k	0	0	0	-2.06k	-2.33k	655
	-160	-951																
0	55	5	68	0	0	0	0	-3.23k	-2.90k	-206	23.3	-1.21k	0	0	0	-2.80k	-2.43k	35.2
	359	-1.05k																
0	55	5	69	0	0	0	0	-2.51k	-2.63k	-731	894	-1.12k	0	0	0	-1.92k	-2.17k	-552
	1.40k	-823																
0	55	5	74	0	0	0	0	-3.37k	-4.10k	-517	1.45k	-1.45k	0	0	0	-2.44k	-3.25k	-294
	2.06k	-1.18k																
0	55	5	73	0	0	0	0	-4.18k	-4.51k	-135	34.5	-1.77k	0	0	0	-3.83k	-3.82k	27.6
	561	-1.54k																
0	55	5	-	-	0	0	0	-3.95k	-4.39k	-636	29.0	-1.67k	0	0	0	-2.22k	-2.36k	32.8
	1.73k	-975																
0	56	5	69	0	0	0	0	-2.15k	-2.55k	-810	1.28k	-1.11k	0	0	0	-1.61k	-2.15k	-657
	1.66k	439																
0	56	5	70	0	0	0	0	-626	-2.92k	-1.47k	2.05k	-79.3k	0	0	0	1.44k	4.75k	-483
	8.69k	15.9k																
0	56	5	75	0	0	0	0	-91.6	-7.14k	-676	-1.39k	-63.4k	0	0	0	244	-1.40k	-138
	3.45k	13.7k																
0	56	5	74	0	0	0	0	-2.59k	-3.74k	-515	2.11k	-1.41k	0	0	0	-1.96k	-3.16k	-340
	2.56k	36.7																
0	56	5	-	-	0	0	0	-2.37k	-3.33k	-1.42k	1.05k	-4.55k	0	0	0	-130	-1.58k	-19.1
	4.04k	8.58k																
0	57	5	71	0	0	0	0	-108	-3.48k	-386	-9.71k	-63.7k	0	0	0	2.00k	3.34k	771
3.71k	13.2k																	-
0	57	5	72	0	0	0	0	-2.43k	-4.09k	55.3	-3.00k	-1.33k	0	0	0	-1.80k	-3.43k	360
2.46k	30.5																	-
0	57	5	77	0	0	0	0	-2.44k	-5.58k	-1.55k	-4.23k	-1.53k	0	0	0	-1.59k	-4.54k	-695
3.56k	-595																	-
0	57	5	76	0	0	0	0	1.49k	-2.84k	-1.96k	-7.60k	-12.3k	0	0	0	3.54k	-2.38k	-1.36k
6.29k	4.62k																	-
0	57	5	-	-	0	0	0	-2.45k	-4.75k	-1.64k	-6.59k	-3.66k	0	0	0	1.36k	-2.33k	358
2.42k	5.10k																	-
0	58	5	72	0	0	0	0	-3.28k	-4.33k	80.8	-2.54k	-1.52k	0	0	0	-2.36k	-3.60k	357
1.69k	-1.23k																	-

0	58	5	73	0	0	0	0	-4.45k	-5.34k	8.82	-763	-2.27k	0	0	0	-4.01k	-4.43k	149	
	-214	-1.83k																	
0	58	5	78	0	0	0	0	-4.65k	-8.60k	-582	-787	-3.76k	0	0	0	-4.33k	-7.09k	-35.1	
	-208	-3.09k																	
0	58	5	77	0	0	0	0	-3.50k	-6.90k	-1.48k	-3.03k	-2.55k	0	0	0	-2.39k	-4.98k	-638	-
2.02k	-1.42k																		
0	58	5	-	-	0	0	0	-4.63k	-8.02k	-1.11k	-2.90k	-3.36k	0	0	0	-2.44k	-4.14k	281	
	-236	-1.31k																	
0	59	5	73	0	0	0	0	-4.45k	-5.33k	-114	38.6	-2.27k	0	0	0	-4.08k	-4.46k	17.3	
	584	-1.86k																	
0	59	5	74	0	0	0	0	-3.46k	-4.47k	-352	1.53k	-1.60k	0	0	0	-2.59k	-3.70k	-90.4	
	2.35k	-1.31k																	
0	59	5	79	0	0	0	0	-3.70k	-7.19k	607	1.77k	-2.77k	0	0	0	-2.70k	-5.23k	1.44k	
	2.73k	-1.63k																	
0	59	5	78	0	0	0	0	-4.65k	-8.60k	-65.4	32.7	-3.76k	0	0	0	-4.40k	-7.13k	447	
	593	-3.12k																	
0	59	5	-	-	0	0	0	-4.63k	-8.19k	-256	41.6	-3.48k	0	0	0	-2.72k	-4.21k	1.01k	
	2.64k	-1.43k																	
0	60	5	74	0	0	0	0	-2.69k	-4.23k	-363	2.33k	-1.43k	0	0	0	-2.02k	-3.53k	-68.9	
	2.87k	-81.3																	
0	60	5	75	0	0	0	0	-167	-3.45k	-674	3.66k	-58.6k	0	0	0	1.92k	2.91k	337	
	8.76k	12.4k																	
0	60	5	80	0	0	0	0	1.36k	-2.90k	1.35k	6.19k	-11.2k	0	0	0	3.54k	-2.46k	1.98k	
	7.63k	4.49k																	
0	60	5	79	0	0	0	0	-2.74k	-5.93k	666	3.29k	-1.82k	0	0	0	-1.90k	-4.77k	1.53k	
	3.91k	-847																	
0	60	5	-	-	0	0	0	-2.74k	-4.97k	-362	2.50k	-3.62k	0	0	0	1.24k	-2.41k	1.63k	
	6.35k	5.24k																	
0	61	5	76	0	0	0	0	1.84k	-2.59k	-2.01k	-8.72k	456	0	0	0	3.74k	-1.71k	-1.69k	-
	7.57k	1.37k																	
0	61	5	77	0	0	0	0	-2.39k	-5.85k	-2.03k	-4.24k	-1.71k	0	0	0	-1.59k	-4.78k	-1.48k	-
	3.55k	-787																	
0	61	5	82	0	0	0	0	-2.20k	-7.58k	-5.03k	-5.16k	-3.93k	0	0	0	-1.57k	-5.35k	-3.95k	-
	1.94k	-1.78k																	
0	61	5	81	0	0	0	0	-2.95k	-412	-3.09k	-9.93k	1.35k	0	0	0	751	7.20k	-800	
	23.4k	67.8k																	
0	61	5	-	-	0	0	0	-2.31k	-6.59k	-4.17k	-9.64k	-2.35k	0	0	0	1.91k	-1.27k	-1.58k	-
	2.58k	3.24k																	
0	62	5	77	0	0	0	0	-3.45k	-7.15k	-1.96k	-3.00k	-2.84k	0	0	0	-2.36k	-5.58k	-1.26k	-
	1.96k	-1.59k																	
0	62	5	78	0	0	0	0	-4.50k	-9.31k	-663	-741	-4.35k	0	0	0	-4.24k	-8.30k	-59.3	
	-158	-3.91k																	
0	62	5	83	0	0	0	0	-3.46k	-12.6k	-1.00k	-1.72k	-5.36k	0	0	0	-3.07k	-11.4k	-180	
	302	-5.14k																	
0	62	5	82	0	0	0	0	-2.57k	-8.58k	-4.94k	-6.60k	-4.11k	0	0	0	-1.35k	-6.92k	-3.37k	
	-899	-2.64k																	
0	62	5	-	-	0	0	0	-4.18k	-11.3k	-3.32k	-2.76k	-5.29k	0	0	0	-2.20k	-6.07k	-114	
	41.5	-1.81k																	
0	63	5	78	0	0	0	0	-4.50k	-9.31k	-102	7.32	-4.35k	0	0	0	-4.29k	-8.43k	507	
	555	-4.00k																	
0	63	5	79	0	0	0	0	-3.65k	-7.46k	1.17k	1.71k	-3.08k	0	0	0	-2.66k	-5.92k	1.91k	
	2.68k	-1.94k																	
0	63	5	84	0	0	0	0	-2.73k	-9.09k	3.14k	561	-4.41k	0	0	0	-1.45k	-7.55k	4.73k	
	6.92k	-3.12k																	
0	63	5	83	0	0	0	0	-3.47k	-12.6k	-191	-337	-5.28k	0	0	0	-3.01k	-11.6k	674	
	910	-5.15k																	
0	63	5	-	-	0	0	0	-4.26k	-11.5k	-153	-112	-5.32k	0	0	0	-2.44k	-6.53k	3.20k	
	2.47k	-2.24k																	
0	64	5	79	0	0	0	0	-2.70k	-6.26k	1.44k	3.21k	-2.09k	0	0	0	-1.89k	-5.07k	2.01k	
	3.92k	-1.09k																	
0	64	5	80	0	0	0	0	1.68k	-2.66k	1.68k	7.39k	463	0	0	0	3.73k	-1.72k	2.01k	
	8.57k	1.30k																	
0	64	5	85	0	0	0	0	-2.83k	-558	783	-20.6k	936	0	0	0	631	6.92k	3.16k	
	9.06k	64.3k																	
0	64	5	84	0	0	0	0	-2.44k	-8.33k	3.81k	1.69k	-4.57k	0	0	0	-1.78k	-5.94k	4.82k	
	5.49k	-2.43k																	
0	64	5	-	-	0	0	0	-2.59k	-7.16k	1.57k	2.28k	-2.84k	0	0	0	1.71k	-1.37k	4.18k	
	9.05k	2.63k																	

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

— Sollecitazioni Shell pareti piano 1.Azione 18:Sisma Y

Parete		Zona			min.Lastra			min.Piastra			max.Lastra			max.Piastra					
Piano	N° vy	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
	[N/m]		[N/m]		[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	
1	1	5	1	1	-21.6m	4.23m	-32.4m	-6.26k	-1.79k	-2.10k	9.20k	-4.73k	36.4m	16.9m	-4.98m	-2.43k	-1.03	-1.44k	
	14.7k	7.59k																	
1	1	5	2	1	-21.5m	-0.30m	-2.94m	899	-11.0	-2.31k	1.57k	-656	-14.9m	1.27m	-0.53m	1.72k	209	-2.08k	
	3.45k	2.14k																	
1	1	5	2	0	-9.48m	2.70m	-3.04m	-930	-5.02k	-1.66k	-3.10k	4.29k	-3.12m	3.49m	-1.99m	-111	-2.23k	-555	
	-695	6.60k																	
1	1	5	1	0	-17.7m	-11.6m	-0.80m	-1.48k	-812	-1.33k	-1.60k	-5.25k	-9.06m	6.38m	4.54m	-149	616	-387	
	1.76k	-946																	
1	1	5	-	-	-18.0m	4.02μ	-7.04m	-3.47k	-3.01k	-2.39k	-3.54k	-3.11k	-3.44m	11.0m	1.55m	907	26.0	-586	
	8.44k	4.74k																	
1	2	5	2	1	-23.3m	-0.29m	-2.59m	1.21k	-1.18	-2.13k	548	-885	-15.3m	0.99m	-0.23m	2.24k	284	-1.61k	
	2.02k	2.40k																	
1	2	5	3	1	-25.3m	-0.31m	-0.40m	1.61k	-1.48	-716	-213	-957	-18.4m	0.26m	-9.53μ	2.39k	307	-87.0	
	50.8	3.43k																	
1	2	5	3	0	-9.51m	1.60m	-1.30m	-1.60k	-8.57k	-308	-759	8.88k	-4.60m	2.72m	-0.14m	-366	-4.18k	-27.1	-
	61.0	10.8k																	
1	2	5	2	0	-9.31m	2.23m	-3.02m	-1.24k	-6.71k	-1.58k	-2.63k	5.27k	-3.04m	3.02m	-2.09m	-111	-2.46k	-409	

1	-786	8.90k	-	-	-24.4m	-0.25m	-3.28m	-1.49k	-7.98k	-2.06k	-1.75k	-987	-4.65m	2.64m	-83.2μ	2.37k	306	-72.3		
1	1.09k	10.3k	5	3	1	-25.3m	-0.31m	-61.0μ	1.61k	-1.51	-88.2	-40.3	-955	-18.4m	0.26m	0.29m	2.39k	307	549	
1	221	3.43k	5	4	1	-23.6m	-0.30m	0.18m	1.35k	-1.47	1.47k	-1.59k	-912	-15.6m	0.82m	2.32m	2.30k	293	2.03k	
1	-362	2.55k	5	4	0	-9.14m	2.08m	2.17m	-1.31k	-7.05k	372	861	5.81k	-3.06m	2.88m	2.96m	-112	-2.66k	1.50k	
1	2.43k	9.32k	5	3	0	-9.52m	1.60m	-0.18m	-1.60k	-8.57k	-61.0	-89.5	8.92k	-4.69m	2.75m	1.01m	-374	-4.21k	234	
1	562	10.8k	5	-	-	-24.5m	-0.25m	-0.12m	-1.52k	-8.17k	-85.0	-794	-988	-4.82m	2.67m	3.11m	2.39k	307	1.97k	
1	1.54k	10.5k	5	4	1	-22.0m	-0.31m	0.44m	1.11k	-0.154	1.99k	-2.94k	-748	-15.2m	1.03m	2.60m	1.91k	236	2.26k	-
1.22k	2.30k	5	5	1	-20.7m	3.89m	4.12m	-6.24k	-1.77k	1.46k	-14.4k	-4.65k	33.5m	16.1m	32.2m	-2.23k	-1.31	2.12k	-	
9.12k	7.52k	5	5	0	-16.9m	-11.2m	-4.63m	-1.48k	-856	391	-1.74k	-5.31k	-8.34m	6.42m	0.85m	-159	623	1.34k	-	
1	1.77k	-817	5	4	0	-9.25m	2.46m	2.22m	-1.01k	-5.49k	529	798	4.88k	-3.19m	3.36m	3.15m	-112	-2.41k	1.60k	
1	3.00k	7.29k	5	-	-	-18.9m	-0.14m	-1.14m	-3.47k	-3.37k	595	-7.91k	-3.10k	-3.55m	10.9m	6.70m	1.01k	69.3	2.37k	
1	3.56k	5.20k	5	82	1	14.9m	-1.26m	0.52m	897	-12.4	-2.31k	1.58k	-654	21.5m	0.30m	2.92m	1.72k	209	-2.08k	
1	3.45k	2.14k	5	81	1	-36.4m	-15.7m	5.03m	-6.25k	-1.83k	-2.10k	9.17k	-4.92k	21.8m	-4.44m	32.3m	-2.43k	0.541	-1.42k	
1	14.9k	7.89k	5	81	0	9.12m	-6.83m	-5.05m	-1.48k	-808	-1.33k	-1.75k	-5.84k	17.9m	11.4m	0.71m	-203	720	-390	
1	1.78k	-955	5	82	0	3.16m	-3.47m	1.95m	-929	-5.02k	-1.66k	-3.12k	4.28k	9.47m	-2.68m	3.03m	-111	-2.23k	-556	
1	-690	6.59k	5	-	-	3.60m	-11.3m	-1.64m	-3.47k	-3.01k	-2.39k	-3.26k	-3.12k	18.0m	10.7μ	7.01m	907	24.1	-583	
1	8.47k	4.74k	5	83	1	18.4m	-0.26m	9.51μ	1.61k	-1.48	-716	-213	-957	25.3m	0.31m	0.41m	2.39k	307	-87.0	
1	51.2	3.43k	5	82	1	15.3m	-0.98m	0.22m	1.21k	-1.18	-2.13k	550	-884	23.3m	0.29m	2.57m	2.24k	283	-1.61k	
1	2.03k	2.40k	5	82	0	3.01m	-3.01m	2.06m	-1.24k	-6.71k	-1.58k	-2.62k	5.27k	9.30m	-2.21m	3.01m	-111	-2.46k	-410	
1	-783	8.90k	5	83	0	4.50m	-2.71m	0.14m	-1.60k	-8.57k	-309	-760	8.87k	9.48m	-1.60m	1.28m	-366	-4.18k	-27.1	-
61.0	10.8k	5	-	-	4.67m	-2.63m	83.0μ	-1.49k	-7.98k	-2.06k	-1.75k	-987	24.4m	0.25m	3.27m	2.37k	306	-72.3	-	
1	1.10k	10.3k	5	84	1	15.6m	-0.80m	-2.31m	1.35k	-1.47	1.47k	-1.59k	-911	23.6m	0.31m	-0.18m	2.30k	293	2.03k	
1	-363	2.55k	5	83	1	18.4m	-0.26m	-0.29m	1.61k	-1.51	-88.2	-40.5	-955	25.3m	0.31m	60.8μ	2.39k	307	548	
1	221	3.43k	5	83	0	4.59m	-2.75m	-0.99m	-1.60k	-8.57k	-61.0	-89.4	8.92k	9.49m	-1.60m	0.18m	-374	-4.21k	234	
1	562	10.8k	5	84	0	3.01m	-2.87m	-2.96m	-1.31k	-7.05k	372	859	5.80k	9.14m	-2.07m	-2.13m	-111	-2.66k	1.50k	
1	2.42k	9.32k	5	-	-	4.83m	-2.66m	-3.10m	-1.52k	-8.17k	-85.0	-796	-987	24.5m	0.25m	0.12m	2.39k	307	1.97k	
1	1.54k	10.5k	5	85	1	-33.5m	-15.0m	-32.1m	-6.23k	-1.81k	1.45k	-14.5k	-4.84k	20.8m	-4.10m	-4.11m	-2.24k	-1.14	2.12k	-
9.10k	7.82k	5	84	1	15.2m	-1.02m	-2.58m	1.10k	-0.159	1.99k	-2.94k	-746	22.0m	0.31m	-0.43m	1.90k	235	2.26k	-	
1.22k	2.30k	5	84	0	3.22m	-3.34m	-3.11m	-1.01k	-5.48k	529	794	4.86k	9.25m	-2.44m	-2.18m	-111	-2.41k	1.60k	-	
1	3.03k	7.28k	5	85	0	8.41m	-6.86m	-0.76m	-1.48k	-853	395	-1.76k	-5.82k	17.1m	11.0m	5.13m	-206	719	1.35k	
1	1.89k	-817	5	-	-	3.71m	-11.3m	-6.66m	-3.47k	-3.36k	593	-7.94k	-3.11k	18.9m	0.16m	1.21m	1.01k	67.8	2.37k	
1	3.32k	5.20k	5	81	1	35.6m	-5.34m	7.87m	-6.32k	-866	-1.41k	-10.3k	-1.37k	0.152	22.0m	34.3m	-3.70k	15.6	-691	-
1	5.64k	1.57k	5	76	1	67.8m	0.36m	3.60m	-1.72k	-265	-179	-3.53k	-624	0.107	2.28m	12.0m	-860	1.99	34.3	-
1	2.32k	791	5	76	0	22.1m	-17.8m	-3.44m	-105	602	25.2	-1.30k	-4.80k	30.9m	-6.60m	8.23m	474	2.19k	179	-
1	50.6	-2.67k	5	81	0	-16.5m	-8.92m	-21.0m	-1.49k	-309	-1.04k	-6.13k	-4.12k	7.51m	6.89m	-1.93m	-53.8	1.06k	-99.0	-
1	2.57k	1.03k	5	-	-	8.37m	-15.1m	-19.1m	-3.58k	-738	-1.40k	-5.96k	-5.65k	0.118	5.41m	15.0m	398	2.08k	133	-
1	-647	1.37k	5	6	1	-0.112	-5.12m	4.21m	1.78k	-4.94	-504	-5.12k	-1.25k	-57.7m	-0.93m	14.3m	3.01k	415	-240	-
1	3.68k	678	5	1	1	-0.142	-18.8m	13.1m	4.05k	6.41	-1.34k	-9.24k	-1.04k	-38.6m	4.57m	35.4m	6.27k	859	-790	-
1	5.42k	1.43k	5	1	0	-5.39m	-8.02m	-18.0m	282	-633	-992	-5.47k	-870	9.48m	8.18m	-1.64m	1.49k	301	-152	-
1	2.52k	2.60k	5	6	0	-19.2m	4.89m	-16.0m	-394	-2.12k	-299	-2.41k	2.98k	-13.3m	16.0m	0.27m	425	-406	118	-
1	1.47k	5.47k	5	-	-	-0.126	-6.68m	-20.0m	-130	-1.46k	-1.34k	-7.18k	-1.56k	-4.41m	10.6m	13.4m	3.70k	737	-34.0	-
1	2.32k	5.17k	5	11	1	-0.115	-1.42m	3.07m	-247	-124	257	-775	18.9	-83.1m	1.62m	17.0m	-55.3	2.73	280	-
1	-175	473	5	6	1	-0.110	-3.43m	3.65m	841	-2.35	-358	-4.42k	-970	-57.7m	-0.22m	12.7m	2.30k	403	88.6	-
1	2.17k	678	5	6	0	-28.1m	4.89m	-9.32m	-468	-2.21k	-221	-2.04k	2.88k	-16.6m	18.7m	8.99m	425	-406	197	-
1	429	5.54k	5	11	0	-44.1m	9.34m	25.4m	-350	-1.46k	61.3	169	817	-26.0m	16.8m	35.3m	-247	-644	255	-
1	688	1.62k	5	-	-	-0.110	-3.55m	3.15m	-423	-1.93k	-364	-3.21k	-337	-25.4m	18.9m	29.2m	1.47k	289	296	-
1	550	2.99k	5	16	1	-0.107	-1.21m	4.91m	-248	-106	87.3	104	158	-76.1m	0.54m	24.3m	-156	0.131	142	-
1	135	205	5	11	1	-0.116	-1.41m	4.01m	-296	-135	225	-250	162	-84.0m	1.66m	18.9m	-241	71.5m	273	-

1	436	12	5	11	0	-44.3m	9.38m	31.0m	-258	-1.05k	19.6	235	182	-18.4m	15.8m	40.4m	-148	-592	232
	721	870																	
1	12	5	16	0	0	-40.9m	4.08m	44.7m	-127	-440	-47.9	178	57.2	-25.0m	8.35m	52.6m	-75.1	-236	43.5
	272	268																	
1	12	5	-	-	-	-0.112	-1.09m	4.68m	-289	-611	-13.4	-94.5	130	-20.4m	13.3m	46.0m	-111	0.113	278
	279	772																	
1	13	5	21	1	1	-98.6m	-1.08m	5.63m	-171	-82.8	59.5	114	127	-72.7m	0.56m	24.9m	-127	13.7m	69.6
	121	149																	
1	13	5	16	1	1	-0.102	-1.18m	5.31m	-196	-96.5	82.1	120	156	-76.1m	0.43m	23.9m	-156	46.1m	91.2
	129	166																	
1	13	5	16	0	0	-39.7m	4.08m	46.1m	-97.0	-282	-52.3	178	-14.6	-21.7m	7.49m	54.5m	-60.5	-236	28.5
	368	109																	
1	13	5	21	0	0	-37.5m	4.20m	48.0m	-70.9	-220	-59.0	56.4	-47.4	-19.3m	7.23m	55.0m	-48.1	-187	7.76
	173	57.4																	
1	13	5	-	-	-	-99.8m	-1.11m	5.59m	-179	-237	-55.0	119	-85.8	-20.5m	7.32m	54.2m	-46.3	24.5m	81.1
	212	155																	
1	14	5	26	1	1	-93.9m	-1.06m	5.69m	-140	-70.0	34.8	96.7	99.8	-68.8m	0.72m	26.1m	-101	37.4m	44.6
	108	127																	
1	14	5	21	1	1	-97.4m	-1.06m	5.63m	-163	-82.8	55.6	111	127	-72.7m	0.56m	24.9m	-127	14.0m	63.1
	121	144																	
1	14	5	21	0	0	-37.5m	4.20m	48.0m	-70.9	-204	-61.2	32.7	-12.3	-17.8m	7.18m	56.8m	-49.2	-181	7.76
	168	57.4																	
1	14	5	26	0	0	-35.2m	4.51m	49.8m	-47.5	-160	-63.6	138	-62.3	-15.0m	6.90m	56.8m	-27.6	-138	-8.06
	332	12.7																	
1	14	5	-	-	-	-95.1m	-1.04m	5.67m	-147	-182	-62.1	107	3.75	-16.5m	6.78m	56.1m	-48.5	24.5m	54.0
	182	133																	
1	15	5	31	1	1	-66.8m	-0.75m	6.10m	-47.9	-22.0	-39.2	33.5	21.4	-41.7m	0.14m	29.0m	-20.9	51.1m	-24.8
	53.0	49.9																	
1	15	5	26	1	1	-92.2m	-1.03m	5.74m	-132	-70.0	6.54	71.9	85.3	-66.0m	0.79m	26.9m	-82.4	50.0m	38.4
	105	123																	
1	15	5	26	0	0	-35.2m	4.51m	49.8m	-46.8	-146	-64.8	46.4	-297	-8.60m	7.50m	58.8m	16.2	-34.1	-8.06
	219	12.7																	
1	15	5	31	0	0	-23.5m	0.66m	54.1m	-47.3	-105	-74.2	-38.5	-22.8	-12.5m	2.30m	63.2m	-4.13	-21.8	-46.0
	324	237																	
1	15	5	-	-	-	-78.6m	-0.78m	6.11m	-86.5	-132	-63.6	-153	-179	-11.4m	5.81m	59.0m	2.34	73.3m	29.7
	126	91.1																	
1	16	5	36	1	1	-24.6m	-0.44m	6.41m	-8.41	-2.52	-56.8	8.70	2.89	-9.63m	57.2μ	29.7m	-3.83	6.16m	-54.8
	11.7	8.52																	
1	16	5	31	1	1	-55.4m	-0.63m	6.37m	-30.4	-19.0	-47.3	19.5	17.9	-37.6m	0.33m	29.2m	-15.5	21.0m	-38.1
	35.1	35.0																	
1	16	5	31	0	0	-21.6m	1.64m	54.6m	-7.10	-30.3	-74.1	-51.1	-320	-1.14m	4.50m	64.3m	42.2	61.7	-46.6
	331	-10.7																	
1	16	5	36	0	0	-12.0m	-1.30m	56.6m	-38.5	-65.0	-68.8	-33.9	18.2	-5.38m	-0.31m	65.2m	-6.93	-5.97	-58.3
	121	253																	
1	16	5	-	-	-	-38.4m	-1.06m	6.43m	-22.1	-33.2	-69.0	-186	-176	-3.89m	3.11m	62.3m	23.9	30.2	-40.6
	64.5	114																	
1	17	5	41	1	1	-6.53m	-71.7μ	6.46m	-1.79	-0.875	-57.0	10.7	0.742	-3.57m	6.18μ	29.1m	-0.551	0.19m	-56.5
	13.1	1.97																	
1	17	5	36	1	1	-12.5m	-0.32m	6.44m	-4.07	-1.57	-56.7	10.6	2.45	-8.48m	0	29.2m	-3.09	-3.34m	-56.4
	11.7	3.31																	
1	17	5	36	0	0	-6.28m	-0.77m	56.8m	-10.5	-19.1	-69.7	34.9	-37.3	-4.46m	-54.9μ	65.3m	1.65	-5.97	-58.3
	249	38.3																	
1	17	5	41	0	0	-2.58m	-71.0μ	56.8m	-1.07	-5.31	-71.4	-114	-56.6	-1.07m	0.26m	65.7m	6.79	2.41	-58.9
	38.5	7.26																	
1	17	5	-	-	-	-8.36m	-0.67m	6.46m	-7.08	-10.1	-70.3	10.8	-113	-2.27m	0.17m	65.6m	13.8	4.90	-56.4
	67.4	16.9																	
1	18	5	46	1	1	0.70m	-2.09μ	6.47m	1.17	-0.317	-57.2	9.38	-1.72	3.08m	0.33m	29.3m	2.66	4.79m	-57.0
	10.9	0.690																	
1	18	5	41	1	1	-4.71m	-49.6μ	6.46m	-1.02	-0.875	-57.0	10.6	0.742	-2.37m	30.9μ	29.1m	0.108	1.61m	-56.5
	13.1	1.66																	
1	18	5	41	0	0	-1.85m	0.11m	56.8m	-6.39	-2.44	-71.3	-114	-10.9	28.2μ	0.38m	65.7m	1.34	4.32	-58.9
	38.5	51.7																	
1	18	5	46	0	0	1.34m	0.38m	56.9m	-1.27	3.89	-69.5	34.1	-43.1	4.15m	1.02m	65.3m	10.9	19.0	-58.4
	248	32.5																	
1	18	5	-	-	-	-3.13m	-5.61μ	6.46m	-13.4	-4.96	-70.2	10.2	-20.5	2.01m	0.83m	65.6m	6.94	9.14	-56.5
	66.9	108																	
1	19	5	51	1	1	30.1m	-0.30m	6.43m	9.77	-15.4m	-51.8	13.6	-25.2	46.6m	0.53m	29.5m	20.5	13.6	-45.0
	26.2	-12.0																	
1	19	5	46	1	1	2.50m	-57.1μ	6.45m	1.86	-0.252	-57.9	6.38	-4.33	15.4m	0.45m	29.8m	5.32	1.03	-56.7
	10.5	0.308																	
1	19	5	46	0	0	1.70m	0.64m	56.7m	7.27	3.89	-68.5	-36.2	-260	10.4m	1.64m	65.5m	38.9	64.4	-58.4
	121	-21.0																	
1	19	5	51	0	0	-0.59m	-4.01m	55.2m	-43.4	-67.1	-73.5	-58.4	10.6	18.2m	-1.31m	64.9m	3.65	20.1	-49.3
	326	316																	
1	19	5	-	-	-	1.68m	-2.80m	6.46m	-25.5	-34.1	-69.5	-193	-121	30.8m	1.34m	62.6m	22.2	31.7	-46.6
	56.2	170																	
1	20	5	56	1	1	60.6m	-0.71m	5.89m	60.0	-39.8m	-11.3	57.8	-98.2	85.2m	0.95m	27.6m	101	55.3	14.1
	88.0	-62.6																	

1	31.8	-17.2	35	0	-21.6m	1.64m	54.6m	-41.7	-60.4	46.8	-311	10.7	-1.46m	4.44m	64.2m	7.09	30.2	73.9		
1	45.0	317	5	-	-	-38.4m	-1.02m	6.43m	-23.2	-29.5	40.6	-63.4	-113	-3.97m	3.07m	62.4m	21.6	32.6	68.9	
1	183	174	5	40	1	-12.5m	-0.31m	6.45m	3.03	3.14m	56.4	-11.5	-3.27	-8.49m	1.37μ	29.2m	4.02	1.60	56.7	-
10.4	-2.46		5	45	1	-6.54m	-71.7μ	6.46m	0.551	-0.19m	56.6	-12.8	-1.98	-3.57m	6.18μ	29.1m	1.78	0.874	57.0	-
10.5	-0.741		5	45	0	-2.56m	-58.6μ	56.8m	-6.31	-2.23	59.0	-36.7	-6.50	-1.07m	0.26m	65.6m	0.989	5.05	71.0	
1	106	53.0	5	40	0	-6.07m	-0.71m	56.8m	-1.73	5.88	58.4	-227	-31.2	-4.40m	-29.0μ	65.2m	9.36	17.6	69.5	-
33.8	37.2		5	-	-	-8.37m	-0.64m	6.46m	-12.8	-4.54	56.5	-60.9	-15.3	-2.27m	0.18m	65.4m	6.78	9.62	70.0	-
1	105		5	45	1	-4.71m	-49.6μ	6.46m	-88.5m	-1.56m	56.6	-12.8	-1.66	-2.36m	29.6μ	29.1m	1.02	0.874	57.0	-
10.4	-0.741		5	50	1	0.71m	-2.66μ	6.47m	-2.58	-4.58m	57.0	-10.6	-0.654	3.10m	0.32m	29.3m	-1.13	0.301	57.2	-
9.25	1.68		5	50	0	1.29m	0.36m	56.9m	-9.72	-17.4	58.5	-227	-32.3	3.94m	0.97m	65.2m	1.36	-3.80	69.3	-
1	33		5	45	0	-1.85m	0.11m	56.8m	-1.26	-4.06	59.0	-36.7	-48.0	19.3μ	0.38m	65.6m	5.91	2.26	70.9	
33.0	36.1		5	-	-	-3.13m	-5.69μ	6.46m	-6.64	-8.62	56.5	-60.4	-100	2.02m	0.79m	65.5m	12.4	4.59	69.9	-
1	10.1	19.0	5	50	1	2.51m	-58.1μ	6.45m	-5.24	-1.04	56.7	-10.3	-0.262	15.4m	0.44m	29.8m	-1.82	0.225	57.8	-
6.37	4.37		5	55	1	30.1m	-0.30m	6.43m	-20.5	-13.6	45.0	-26.1	12.0	46.6m	0.53m	29.5m	-9.76	15.4m	51.8	-
13.6	25.2		5	55	0	-0.27m	-3.95m	55.3m	-3.65	-20.1	49.6	-306	-313	18.2m	-1.31m	64.8m	42.9	65.8	73.3	
1	52.1	-10.6	5	50	0	1.68m	0.61m	56.7m	-38.5	-63.3	58.5	-124	19.9	10.0m	1.59m	65.4m	-6.68	-3.80	68.3	
1	34.1	258	5	-	-	1.67m	-2.76m	6.46m	-21.7	-31.2	46.7	-55.1	-168	30.8m	1.30m	62.7m	24.9	33.4	69.3	
1	34	190	5	55	1	35.1m	-0.11m	6.19m	-33.6	-15.8	35.3	-40.0	14.5	58.4m	0.66m	29.3m	-13.6	38.2m	45.8	-
24.7	36.7		5	60	1	60.6m	-0.70m	5.90m	-101	-55.2	-14.1	-87.8	62.6	85.2m	0.95m	27.6m	-60.1	39.6m	11.3	-
57.8	98.1		5	60	0	7.27m	-6.59m	51.3m	-30.9	-107	23.7	-191	-299	32.6m	-3.93m	60.4m	24.2	-2.86	68.7	-
27.2	-6.59		5	55	0	10.5m	-1.82m	54.8m	-43.9	-90.1	49.3	-301	-19.8	20.2m	-0.28m	63.8m	-1.82	-12.3	73.5	
1	42.9	244	5	-	-	9.89m	-5.07m	6.20m	-63.3	-98.8	-6.53	-104	-177	70.8m	0.70m	60.1m	8.95	58.6m	65.1	
1	165	97.5	5	60	1	63.7m	-0.62m	5.86m	-107	-55.2	-19.0	-91.6	74.0	87.1m	0.98m	26.8m	-74.9	31.5m	-10.9	-
81.7	102		5	65	1	68.1m	-0.43m	5.81m	-127	-66.4	-34.2	-104	95.4	91.0m	0.98m	25.8m	-97.3	12.8m	-28.1	-
96.4	117		5	65	0	16.5m	-6.17m	49.8m	-51.4	-147	12.0	-135	-29.8	35.2m	-3.57m	58.7m	-34.1	-133	67.1	-
3.92	28.2		5	60	0	13.7m	-5.96m	51.4m	-32.2	-113	23.7	-290	-66.7	32.6m	-3.93m	58.5m	-16.4	-91.6	68.2	
1	-114	-4.31	5	-	-	15.2m	-5.82m	5.84m	-113	-131	-26.0	-147	-16.3	88.4m	0.96m	58.0m	-33.7	21.5m	67.5	-
91.3	107		5	65	1	68.1m	-0.43m	5.81m	-134	-66.4	-39.5	-106	95.4	92.3m	1.01m	25.8m	-97.3	12.9m	-30.8	-
99.8	122		5	70	1	72.0m	-0.28m	5.52m	-157	-78.9	-57.6	-117	121	96.4m	1.12m	24.9m	-123	41.6m	-50.0	
1	-108	138	5	70	0	20.4m	-6.37m	48.1m	-73.6	-206	-3.90	-318	-43.2	37.6m	-3.36m	56.7m	-42.3	-179	60.8	
1	-149	67.1	5	65	0	17.9m	-6.19m	49.8m	-51.4	-161	12.0	-139	-66.9	35.2m	-3.57m	57.1m	-32.2	-140	65.8	-
22.5	28.2		5	-	-	19.2m	-6.26m	5.78m	-141	-175	-48.0	-170	-107	93.6m	1.03m	56.4m	-29.6	22.5m	62.8	
1	-106	127	5	70	1	72.0m	-0.39m	5.21m	-208	-88.0	-102	-134	121	0.103	1.15m	25.4m	-123	0.130	-53.6	
1	-110	173	5	75	1	83.8m	-1.50m	4.43m	-296	-140	-242	-77.0	209	0.115	1.39m	20.7m	-256	0.106	-184	
1	56.2	366	5	75	0	17.3m	-14.1m	35.2m	-214	-805	-181	-629	-19.8	44.2m	-8.46m	44.3m	-102	-491	5.51	
1	-262	547	5	70	0	23.7m	-6.92m	47.0m	-100	-336	-15.4	-237	21.4	39.0m	-3.36m	54.9m	-55.3	-180	57.5	
1	-142	218	5	-	-	19.3m	-11.7m	5.03m	-266	-458	-242	-249	14.2	0.109	1.06m	49.0m	-84.9	0.125	29.9	-
47.1	536		5	75	1	84.2m	-1.52m	3.46m	-293	-139	-270	6.20	135	0.115	1.40m	19.0m	-217	23.1m	-238	
1	369	403	5	80	1	69.8m	-25.9μ	3.05m	279	-1.29	-208	1.29k	-575	0.109	1.93m	12.6m	1.17k	216	22.3	
1	2.61k	608	5	80	0	24.2m	-19.2m	4.43m	-475	-2.16k	-252	-689	2.28k	35.7m	-7.30m	18.3m	9.98	-662	-118	
1	1.06k	4.16k	5	75	0	25.4m	-15.1m	31.4m	-287	-1.16k	-208	-612	517	44.2m	-8.46m	40.2m	-200	-543	-27.0	
1	-241	1.07k	5	-	-	24.7m	-18.6m	3.16m	-362	-1.61k	-292	-609	-95.0	0.113	1.16m	33.0m	664	91.5	5.38	
1	2.06k	2.17k	5	80	1	67.8m	0.36m	3.61m	858	-1.97	-34.1	2.32k	-791	0.107	2.27m	12.0m	1.72k	266	178	
1	3.53k	623	5	85	1	35.6m	-5.35m	7.92m	3.69k	-15.2	693	5.64k	-1.59k	0.152	22.1m	34.2m	6.32k	863	1.40k	
1	10.4k	1.39k	5	85	0	-16.8m	-8.91m	-21.0m	49.3	-1.06k	98.3	2.57k	-1.12k	7.51m	6.59m	-1.94m	1.48k	309	1.04k	
1	6.15k	4.13k	5	80	0	22.1m	-17.8m	-3.49m	-472	-2.19k	-179	43.6	2.67k	31.0m	-6.58m	8.23m	105	-602	-25.5	
1	1.30k	4.80k	5	-	-	8.39m	-15.0m	-19.1m	-397	-2.08k	-133	653	-1.37k	0.118	5.40m	15.0m	3.58k	736	1.40k	
1	5.96k	5.63k																		

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

– Sollecitazioni Shell piastre piano 0. Azione 19: Eccentricità X Sisma Y

Piastra		Zona			min.Lastra			min.Piastra					max.Lastra			max.Piastra			
Piano	N° vy	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
					[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm²]	[N/mm²]	[N/mm²]	[N]	[N]	[N]	
0	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	1	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	1	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	1	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	1	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	2	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	2	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	2	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	2	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	3	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	3	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	3	6	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	3	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	3	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	4	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	4	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	4	6	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	4	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	5	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	5	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	5	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	5	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	5	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	6	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	6	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	6	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	6	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	6	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	7	6	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	7	6	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	7	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	7	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	7	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	8	6	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	8	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	8	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	8	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	8	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	9	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	9	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	9	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	
0	9	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0																	

0	9	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	6	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	10	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	6	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	6	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	11	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	6	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	6	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	12	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	6	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	6	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	13	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	6	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	6	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	6	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	6	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	14	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	6	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	6	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	6	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	6	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	15	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	6	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	6	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	6	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	6	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	16	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	6	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	6	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	6	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	6	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	17	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	6	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	6	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	6	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	6	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	18	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	6	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	6	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															

0	19	6	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	6	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	19	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	6	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	6	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	6	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	6	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	20	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	21	6	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	21	6	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	21	6	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	21	6	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	21	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	22	6	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	22	6	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	22	6	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	22	6	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	22	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	23	6	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	23	6	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	23	6	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	23	6	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	23	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	24	6	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	24	6	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	24	6	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	24	6	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	24	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	25	6	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	25	6	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	25	6	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	25	6	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	25	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	26	6	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
0	26	6	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0															
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0	61	6	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	61	6	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	61	6	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	61	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	62	6	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	62	6	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	62	6	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	62	6	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	62	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	63	6	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	63	6	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	63	6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	63	6	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	63	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	64	6	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	64	6	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	64	6	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	64	6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	64	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

— Sollecitazioni Shell pareti piano 1. Azione 19: Eccentricità X Sisma Y

Parete		Zona			min.Lastra			min.Piastra			max.Lastra			max.Piastra					
Piano	N° vy	Az.	Filo	Piano	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x	v_y	σ_x	σ_y	τ_{xy}	m_x	m_y	m_{xy}	v_x
	[N/m]		[N/m]		[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	[N/m]	[N/m]	[N/mm ²]	[N/mm ²]	[N/mm ²]	[N]	[N]	[N]	
1	1	6	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	2	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1	0	0															
	2	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	2	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	2	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	3	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	3	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	3	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
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1	0	0															
	3	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	4	6	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	4	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	4	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	4	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	4	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	5	6	82	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	5	6	81	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	5	6	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	5	6	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	5	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	6	6	83	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	6	6	82	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	6	6	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	6	6	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	6	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	7	6	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	7	6	83	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	7	6	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	7	6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	7	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	8	6	85	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	8	6	84	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	8	6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	8	6	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	8	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	9	6	81	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	9	6	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	9	6	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	9	6	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	9	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	10	6	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
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1	0	0															
	10	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	10	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	10	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	11	6	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	11	6	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	11	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	11	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0															
	11	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0

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	12	6	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	6	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	12	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	6	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	6	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	6	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	6	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	13	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	6	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	6	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	6	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	6	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	14	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	6	31	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	6	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	6	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	6	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	15	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	6	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	6	31	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	6	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	6	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	16	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	6	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	6	36	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	6	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	6	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	17	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	18	6	46	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	6	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	6	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	6	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	18	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	19	6	51	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	6	46	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	6	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	6	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	19	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	20	6	56	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	6	51	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	6	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	6	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	20	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	6	61	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	6	56	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	6	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1	0	0															
	21	6	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	21	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	6	66	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	6	61	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	6	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	6	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	22	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	23	6	71	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	23	6	66	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	23	6	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	23	6	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	23	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	24	6	76	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	24	6	71	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	24	6	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	24	6	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	24	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	25	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	25	6	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	25	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	25	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	25	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	26	6	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	26	6	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	26	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	26	6	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	26	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	27	6	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	27	6	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	27	6	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	27	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	27	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	28	6	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	28	6	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	28	6	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	28	6	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	28	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	29	6	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	29	6	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	29	6	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	29	6	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	29	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	30	6	30	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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1	30	6	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	30	6	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	30	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	31	6	35	1	0	0	0	0	0	0	0	0	0	0	0	0	0

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	31	6	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	31	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	31	6	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	31	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	6	40	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	6	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	6	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	6	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	32	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	6	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	6	50	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	6	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	6	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	33	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	6	50	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	6	55	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	6	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	6	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	34	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	6	55	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	6	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	6	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	6	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	35	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	6	60	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	6	65	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	6	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	6	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	36	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	6	65	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	6	70	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	6	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	6	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	37	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	6	70	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	6	75	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	6	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	6	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	38	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	6	75	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	6	80	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	6	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	6	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	39	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	6	80	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	6	85	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	6	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0															
1	40	6	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	0	0																
1	40	6	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0																

Le forze per le azioni sismiche (n° 16,17,18 e 19) sono calcolate per l'accelerazione orizzontale di 1g.

— Spostamenti Nodi analisi lineare

— Spostamenti Nodi. Azione 1) Peso. Prop.

Nodo	Piano	Filo	x[m]	y[m]	z[m]	Azione	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]
FEM	rot z [°]										
15	0	1	0.0000	0.0000	0.0000	1	-1.17μ	-3.74μ	-0.28m	0.001	0
19	0	2	1.0500	0.0000	0.0000	1	-0.79μ	-6.26μ	-0.28m	0.001	0
50	0	3	2.5400	0.0000	0.0000	1	-35.4n	-8.27μ	-0.28m	0.001	0
81	0	4	4.0500	0.0000	0.0000	1	0.74μ	-6.50μ	-0.28m	0.001	0
104	0	5	5.2000	0.0000	0.0000	1	1.16μ	-3.74μ	-0.28m	0.001	0
25	0	6	0.0000	0.5200	0.0000	1	-2.27μ	-3.62μ	-0.28m	0.001	0
21	0	7	1.0500	0.5200	0.0000	1	-2.04μ	-6.34μ	-0.27m	0.001	0
52	0	8	2.5400	0.5200	0.0000	1	-89.0n	-8.18μ	-0.26m	0.001	0
83	0	9	4.0500	0.5200	0.0000	1	1.94μ	-6.56μ	-0.27m	0.001	0
106	0	10	5.2000	0.5200	0.0000	1	2.27μ	-3.62μ	-0.28m	0.001	0
149	0	11	0.0000	2.0200	0.0000	1	-5.95μ	-2.93μ	-0.26m	0	-0.001
145	0	12	1.0500	2.0200	0.0000	1	-4.75μ	-4.64μ	-0.24m	0.001	-0.001
196	0	13	2.5400	2.0200	0.0000	1	-0.21μ	-5.72μ	-0.23m	0.001	0
243	0	14	4.0500	2.0200	0.0000	1	4.51μ	-4.77μ	-0.24m	0.001	0.001
278	0	15	5.2000	2.0200	0.0000	1	5.94μ	-2.93μ	-0.26m	0	0.001
321	0	16	0.0000	3.5200	0.0000	1	-7.71μ	-2.11μ	-0.25m	0	-0.001
317	0	17	1.0500	3.5200	0.0000	1	-6.07μ	-2.75μ	-0.23m	0	-0.001
368	0	18	2.5400	3.5200	0.0000	1	-0.26μ	-3.16μ	-0.21m	0.001	0
415	0	19	4.0500	3.5200	0.0000	1	5.76μ	-2.79μ	-0.23m	0	0.001
450	0	20	5.2000	3.5200	0.0000	1	7.70μ	-2.11μ	-0.25m	0	0.001
469	0	21	0.0000	3.7800	0.0000	1	-7.86μ	-1.96μ	-0.25m	0	-0.001
465	0	22	1.0500	3.7800	0.0000	1	-6.19μ	-2.47μ	-0.23m	0	-0.001
484	0	23	2.5400	3.7800	0.0000	1	-0.27μ	-2.81μ	-0.21m	0	0
503	0	24	4.0500	3.7800	0.0000	1	5.87μ	-2.51μ	-0.23m	0	0.001
518	0	25	5.2000	3.7800	0.0000	1	7.86μ	-1.96μ	-0.25m	0	0.001
537	0	26	0.0000	4.0400	0.0000	1	-7.99μ	-1.81μ	-0.25m	0	-0.001
533	0	27	1.0500	4.0400	0.0000	1	-6.28μ	-2.22μ	-0.23m	0	-0.001
552	0	28	2.5400	4.0400	0.0000	1	-0.27μ	-2.48μ	-0.21m	0	0
571	0	29	4.0500	4.0400	0.0000	1	5.96μ	-2.25μ	-0.22m	0	0.001
586	0	30	5.2000	4.0400	0.0000	1	7.98μ	-1.81μ	-0.25m	0	0.001
629	0	31	0.0000	5.5400	0.0000	1	-8.31μ	-0.99μ	-0.24m	0	-0.001
625	0	32	1.0500	5.5400	0.0000	1	-6.52μ	-1.05μ	-0.22m	0	-0.001
676	0	33	2.5400	5.5400	0.0000	1	-0.28μ	-1.09μ	-0.20m	0	0
723	0	34	4.0500	5.5400	0.0000	1	6.18μ	-1.05μ	-0.22m	0	0.001

758	0	35	5.2000	5.5400	0.0000	1	8.30μ	-0.99μ	-0.24m	0	0.001
	0										
801	0	36	0.0000	7.0400	0.0000	1	-8.35μ	-0.21μ	-0.24m	0	-0.001
	0										
797	0	37	1.0500	7.0400	0.0000	1	-6.54μ	-0.21μ	-0.22m	0	-0.001
	0										
848	0	38	2.5400	7.0400	0.0000	1	-0.28μ	-0.21μ	-0.20m	0	0
	0										
895	0	39	4.0500	7.0400	0.0000	1	6.20μ	-0.21μ	-0.21m	0	0.001
	0										
930	0	40	5.2000	7.0400	0.0000	1	8.34μ	-0.21μ	-0.24m	0	0.001
	0										
949	0	41	0.0000	7.3000	0.0000	1	-8.35μ	-80.5n	-0.24m	0	-0.001
	0										
945	0	42	1.0500	7.3000	0.0000	1	-6.54μ	-79.9n	-0.22m	0	-0.001
	0										
964	0	43	2.5400	7.3000	0.0000	1	-0.28μ	-79.5n	-0.20m	0	0
	0										
983	0	44	4.0500	7.3000	0.0000	1	6.20μ	-79.9n	-0.21m	0	0.001
	0										
998	0	45	5.2000	7.3000	0.0000	1	8.34μ	-80.5n	-0.24m	0	0.001
	0										
1017	0	46	0.0000	7.5600	0.0000	1	-8.35μ	49.9n	-0.24m	0	-0.001
	0										
1013	0	47	1.0500	7.5600	0.0000	1	-6.54μ	49.8n	-0.22m	0	-0.001
	0										
1032	0	48	2.5400	7.5600	0.0000	1	-0.28μ	49.5n	-0.20m	0	0
	0										
1051	0	49	4.0500	7.5600	0.0000	1	6.20μ	49.8n	-0.21m	0	0.001
	0										
1066	0	50	5.2000	7.5600	0.0000	1	8.34μ	49.9n	-0.24m	0	0.001
	0										
1109	0	51	0.0000	9.0600	0.0000	1	-8.33μ	0.82μ	-0.24m	0	-0.001
	0										
1105	0	52	1.0500	9.0600	0.0000	1	-6.53μ	0.85μ	-0.22m	0	-0.001
	0										
1156	0	53	2.5400	9.0600	0.0000	1	-0.28μ	0.87μ	-0.20m	0	0
	0										
1203	0	54	4.0500	9.0600	0.0000	1	6.20μ	0.85μ	-0.22m	0	0.001
	0										
1238	0	55	5.2000	9.0600	0.0000	1	8.32μ	0.82μ	-0.24m	0	0.001
	0										
1281	0	56	0.0000	10.5600	0.0000	1	-8.11μ	1.63μ	-0.25m	0	-0.001
	0										
1277	0	57	1.0500	10.5600	0.0000	1	-6.37μ	1.93μ	-0.22m	0	-0.001
	0										
1328	0	58	2.5400	10.5600	0.0000	1	-0.28μ	2.12μ	-0.21m	0	0
	0										
1375	0	59	4.0500	10.5600	0.0000	1	6.04μ	1.95μ	-0.22m	0	0.001
	0										
1410	0	60	5.2000	10.5600	0.0000	1	8.10μ	1.63μ	-0.25m	0	0.001
	0										
1429	0	61	0.0000	10.8200	0.0000	1	-8.01μ	1.78μ	-0.25m	0	-0.001
	0										
1425	0	62	1.0500	10.8200	0.0000	1	-6.30μ	2.16μ	-0.22m	0	-0.001
	0										
1444	0	63	2.5400	10.8200	0.0000	1	-0.27μ	2.41μ	-0.21m	0	0
	0										
1463	0	64	4.0500	10.8200	0.0000	1	5.98μ	2.19μ	-0.22m	0	0.001
	0										
1478	0	65	5.2000	10.8200	0.0000	1	8.01μ	1.78μ	-0.25m	0	0.001
	0										
1497	0	66	0.0000	11.0800	0.0000	1	-7.89μ	1.93μ	-0.25m	0	-0.001
	0										
1493	0	67	1.0500	11.0800	0.0000	1	-6.21μ	2.41μ	-0.23m	0	-0.001
	0										
1512	0	68	2.5400	11.0800	0.0000	1	-0.27μ	2.73μ	-0.21m	0	0
	0										
1531	0	69	4.0500	11.0800	0.0000	1	5.89μ	2.45μ	-0.22m	0	0.001
	0										
1546	0	70	5.2000	11.0800	0.0000	1	7.89μ	1.93μ	-0.25m	0	0.001
	0										
1589	0	71	0.0000	12.5800	0.0000	1	-6.48μ	2.76μ	-0.26m	0	-0.001
	0										
1585	0	72	1.0500	12.5800	0.0000	1	-5.15μ	4.20μ	-0.24m	-0.001	-0.001
	0										
1636	0	73	2.5400	12.5800	0.0000	1	-0.22μ	5.11μ	-0.23m	-0.001	0
	0										
1683	0	74	4.0500	12.5800	0.0000	1	4.88μ	4.31μ	-0.24m	-0.001	0.001
	0										
1718	0	75	5.2000	12.5800	0.0000	1	6.47μ	2.77μ	-0.26m	0	0.001
	0										
1761	0	76	0.0000	14.0800	0.0000	1	-3.19μ	3.48μ	-0.27m	-0.001	-0.001

1757	0	77	1.0500	14.0800	0.0000	1	-2.74μ	6.12μ	-0.26m	-0.001	0
1808	0	78	2.5400	14.0800	0.0000	1	-0.12μ	7.82μ	-0.26m	-0.001	0
1855	0	79	4.0500	14.0800	0.0000	1	2.60μ	6.32μ	-0.26m	-0.001	0
1890	0	80	5.2000	14.0800	0.0000	1	3.19μ	3.49μ	-0.27m	-0.001	0.001
1921	0	81	0.0000	14.9200	0.0000	1	-1.17μ	3.76μ	-0.28m	-0.001	0
1917	0	82	1.0500	14.9200	0.0000	1	-0.79μ	6.26μ	-0.28m	-0.001	0
1952	0	83	2.5400	14.9200	0.0000	1	-35.2n	8.27μ	-0.28m	-0.001	0
1985	0	84	4.0500	14.9200	0.0000	1	0.73μ	6.50μ	-0.28m	-0.001	0
2010	0	85	5.2000	14.9200	0.0000	1	1.16μ	3.76μ	-0.28m	-0.001	0
400	1	1	0.0000	0.0000	1.6000	1	-2.77μ	-16.9μ	-0.28m	0	0
326	1	2	1.0500	0.0000	1.6000	1	-2.39μ	-24.1μ	-0.28m	0.001	0
332	-0.001	3	2.5400	0.0000	1.6000	1	-0.13μ	-34.0μ	-0.28m	0.001	0
483	1	4	4.0500	0.0000	1.6000	1	2.26μ	-25.2μ	-0.28m	0.001	0
49	0.001	5	5.2000	0.0000	1.6000	1	2.74μ	-16.9μ	-0.28m	0	0
259	1	6	0.0000	0.5200	1.6000	1	-6.07μ	-16.9μ	-0.28m	0	0
40	0.001	10	5.2000	0.5200	1.6000	1	6.05μ	-16.9μ	-0.28m	0	0
2370	-0.001	11	0.0000	2.0200	1.6000	1	-26.0μ	-15.0μ	-0.26m	0	-0.001
106	0.001	15	5.2000	2.0200	1.6000	1	26.0μ	-15.0μ	-0.26m	0	0.001
2288	-0.001	16	0.0000	3.5200	1.6000	1	-39.1μ	-11.3μ	-0.25m	0	-0.001
118	0	20	5.2000	3.5200	1.6000	1	39.1μ	-11.3μ	-0.25m	0	0.001
2275	1	21	0.0000	3.7800	1.6000	1	-40.5μ	-10.6μ	-0.25m	0	-0.001
136	0	25	5.2000	3.7800	1.6000	1	40.4μ	-10.6μ	-0.25m	0	0.001
2319	1	26	0.0000	4.0400	1.6000	1	-41.6μ	-9.84μ	-0.25m	0	-0.001
127	0	30	5.2000	4.0400	1.6000	1	41.6μ	-9.84μ	-0.25m	0	0.001
2396	1	31	0.0000	5.5400	1.6000	1	-45.2μ	-5.52μ	-0.24m	0	-0.001
726	0	35	5.2000	5.5400	1.6000	1	45.2μ	-5.53μ	-0.24m	0	0.001
858	1	36	0.0000	7.0400	1.6000	1	-46.1μ	-1.21μ	-0.24m	0	-0.001
744	0	40	5.2000	7.0400	1.6000	1	46.1μ	-1.21μ	-0.24m	0	0.001
845	1	41	0.0000	7.3000	1.6000	1	-46.1μ	-0.46μ	-0.24m	0	-0.001
762	0	45	5.2000	7.3000	1.6000	1	46.1μ	-0.46μ	-0.24m	0	0.001
889	1	46	0.0000	7.5600	1.6000	1	-46.1μ	0.29μ	-0.24m	0	-0.001
753	0	50	5.2000	7.5600	1.6000	1	46.1μ	0.29μ	-0.24m	0	0.001
2029	1	51	0.0000	9.0600	1.6000	1	-45.6μ	4.60μ	-0.24m	0	-0.001
1073	0	55	5.2000	9.0600	1.6000	1	45.5μ	4.60μ	-0.24m	0	0.001
1205	1	56	0.0000	10.5600	1.6000	1	-42.8μ	8.93μ	-0.25m	0	-0.001
1091	0	60	5.2000	10.5600	1.6000	1	42.7μ	8.93μ	-0.25m	0	0.001
1192	1	61	0.0000	10.8200	1.6000	1	-41.9μ	9.68μ	-0.25m	0	-0.001
1109	0	65	5.2000	10.8200	1.6000	1	41.8μ	9.68μ	-0.25m	0	0.001
1236	1	66	0.0000	11.0800	1.6000	1	-40.8μ	10.4μ	-0.25m	0	-0.001
1100	0	70	5.2000	11.0800	1.6000	1	40.7μ	10.4μ	-0.25m	0	0.001
1848	1	71	0.0000	12.5800	1.6000	1	-29.7μ	14.3μ	-0.26m	0	-0.001
	-0.001										

1667	1 0.001	75	5.2000	12.5800	1.6000	1	29.6μ	14.3μ	-0.26m	0	0.001
1505	1 -0.001	76	0.0000	14.0800	1.6000	1	-9.96μ	16.7μ	-0.27m	0	0
1685	1 0.001	80	5.2000	14.0800	1.6000	1	9.93μ	16.7μ	-0.27m	0	0
1542	1 0	81	0.0000	14.9200	1.6000	1	-2.77μ	16.9μ	-0.28m	0	0
1423	1 0.001	82	1.0500	14.9200	1.6000	1	-2.39μ	24.1μ	-0.28m	-0.001	0
1805	1 0	83	2.5400	14.9200	1.6000	1	-0.13μ	34.0μ	-0.28m	-0.001	0
1590	1 -0.001	84	4.0500	14.9200	1.6000	1	2.27μ	25.2μ	-0.28m	-0.001	0
1734	1 0	85	5.2000	14.9200	1.6000	1	2.75μ	16.9μ	-0.28m	0	0

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Azione 2) Caric. Perm.

Nodo	Piano rot z [°]	Filo	x[m]	y[m]	z[m]	Azione	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]
FEM											
15	0	1	0.0000	0.0000	0.0000	2	-1.77μ	-1.77μ	-1.03m	0	0
19	0	2	1.0500	0.0000	0.0000	2	-0.97μ	-5.42μ	-1.02m	0.001	0
50	0	3	2.5400	0.0000	0.0000	2	-37.2n	-8.00μ	-1.02m	0.001	0
81	0	4	4.0500	0.0000	0.0000	2	0.88μ	-5.74μ	-1.02m	0.001	0
104	0	5	5.2000	0.0000	0.0000	2	1.76μ	-1.77μ	-1.03m	0	0
25	0	6	0.0000	0.5200	0.0000	2	-3.52μ	-1.37μ	-1.03m	0	-0.001
21	0	7	1.0500	0.5200	0.0000	2	-2.38μ	-4.38μ	-1.02m	0.001	0
52	0	8	2.5400	0.5200	0.0000	2	-92.1n	-6.08μ	-1.01m	0.001	0
83	0	9	4.0500	0.5200	0.0000	2	2.22μ	-4.59μ	-1.02m	0.001	0
106	0	10	5.2000	0.5200	0.0000	2	3.52μ	-1.37μ	-1.03m	0	0.001
149	0	11	0.0000	2.0200	0.0000	2	-8.57μ	-0.52μ	-1.02m	0	-0.001
145	0	12	1.0500	2.0200	0.0000	2	-4.57μ	-2.19μ	-1.00m	0	-0.001
196	0	13	2.5400	2.0200	0.0000	2	-0.17μ	-2.91μ	-0.99m	0	0
243	0	14	4.0500	2.0200	0.0000	2	4.24μ	-2.29μ	-1.00m	0	0.001
278	0	15	5.2000	2.0200	0.0000	2	8.57μ	-0.52μ	-1.02m	0	0.001
321	0	16	0.0000	3.5200	0.0000	2	-10.8μ	-0.17μ	-1.02m	0	-0.002
317	0	17	1.0500	3.5200	0.0000	2	-5.72μ	-0.92μ	-1.00m	0	-0.001
368	0	18	2.5400	3.5200	0.0000	2	-0.21μ	-1.31μ	-0.98m	0	0
415	0	19	4.0500	3.5200	0.0000	2	5.30μ	-0.97μ	-1.00m	0	0.001
450	0	20	5.2000	3.5200	0.0000	2	10.8μ	-0.17μ	-1.02m	0	0.002
469	0	21	0.0000	3.7800	0.0000	2	-11.0μ	-0.13μ	-1.02m	0	-0.002
465	0	22	1.0500	3.7800	0.0000	2	-5.85μ	-0.78μ	-1.00m	0	-0.001
484	0	23	2.5400	3.7800	0.0000	2	-0.21μ	-1.13μ	-0.98m	0	0
503	0	24	4.0500	3.7800	0.0000	2	5.42μ	-0.82μ	-0.99m	0	0.001
518	0	25	5.2000	3.7800	0.0000	2	11.0μ	-0.13μ	-1.02m	0	0.002
537	0	26	0.0000	4.0400	0.0000	2	-11.2μ	-96.4n	-1.02m	0	-0.002
533	0	27	1.0500	4.0400	0.0000	2	-5.96μ	-0.65μ	-1.00m	0	-0.001
552	0	28	2.5400	4.0400	0.0000	2	-0.22μ	-0.96μ	-0.98m	0	0
571	0	29	4.0500	4.0400	0.0000	2	5.52μ	-0.69μ	-0.99m	0	0.001

586	0	30	5.2000	4.0400	0.0000	2	11.2μ	-95.8n	-1.02m	0	0.002
	0										
629	0	31	0.0000	5.5400	0.0000	2	-11.8μ	5.27n	-1.02m	0	-0.002
	0										
625	0	32	1.0500	5.5400	0.0000	2	-6.38μ	-0.20μ	-0.99m	0	-0.001
	0										
676	0	33	2.5400	5.5400	0.0000	2	-0.23μ	-0.34μ	-0.98m	0	0
	0										
723	0	34	4.0500	5.5400	0.0000	2	5.91μ	-0.22μ	-0.99m	0	0.001
	0										
758	0	35	5.2000	5.5400	0.0000	2	11.8μ	5.79n	-1.02m	0	0.002
	0										
801	0	36	0.0000	7.0400	0.0000	2	-12.0μ	7.61n	-1.02m	0	-0.002
	0										
797	0	37	1.0500	7.0400	0.0000	2	-6.52μ	-30.3n	-0.99m	0	-0.001
	0										
848	0	38	2.5400	7.0400	0.0000	2	-0.24μ	-54.8n	-0.98m	0	0
	0										
895	0	39	4.0500	7.0400	0.0000	2	6.04μ	-33.3n	-0.99m	0	0.001
	0										
930	0	40	5.2000	7.0400	0.0000	2	12.0μ	7.71n	-1.02m	0	0.002
	0										
949	0	41	0.0000	7.3000	0.0000	2	-12.0μ	3.19n	-1.02m	0	-0.002
	0										
945	0	42	1.0500	7.3000	0.0000	2	-6.52μ	-11.4n	-0.99m	0	-0.001
	0										
964	0	43	2.5400	7.3000	0.0000	2	-0.24μ	-20.6n	-0.98m	0	0
	0										
983	0	44	4.0500	7.3000	0.0000	2	6.05μ	-12.5n	-0.99m	0	0.001
	0										
998	0	45	5.2000	7.3000	0.0000	2	12.0μ	3.21n	-1.02m	0	0.002
	0										
1017	0	46	0.0000	7.5600	0.0000	2	-12.0μ	-1.74n	-1.02m	0	-0.002
	0										
1013	0	47	1.0500	7.5600	0.0000	2	-6.53μ	7.00n	-0.99m	0	-0.001
	0										
1032	0	48	2.5400	7.5600	0.0000	2	-0.24μ	12.9n	-0.98m	0	0
	0										
1051	0	49	4.0500	7.5600	0.0000	2	6.05μ	7.74n	-0.99m	0	0.001
	0										
1066	0	50	5.2000	7.5600	0.0000	2	12.0μ	-1.78n	-1.02m	0	0.002
	0										
1109	0	51	0.0000	9.0600	0.0000	2	-11.9μ	-11.6n	-1.02m	0	-0.002
	0										
1105	0	52	1.0500	9.0600	0.0000	2	-6.43μ	0.15μ	-0.99m	0	-0.001
	0										
1156	0	53	2.5400	9.0600	0.0000	2	-0.23μ	0.26μ	-0.98m	0	0
	0										
1203	0	54	4.0500	9.0600	0.0000	2	5.95μ	0.17μ	-0.99m	0	0.001
	0										
1238	0	55	5.2000	9.0600	0.0000	2	11.9μ	-12.0n	-1.02m	0	0.002
	0										
1281	0	56	0.0000	10.5600	0.0000	2	-11.4μ	62.1n	-1.02m	0	-0.002
	0										
1277	0	57	1.0500	10.5600	0.0000	2	-6.08μ	0.52μ	-1.00m	0	-0.001
	0										
1328	0	58	2.5400	10.5600	0.0000	2	-0.22μ	0.78μ	-0.98m	0	0
	0										
1375	0	59	4.0500	10.5600	0.0000	2	5.63μ	0.55μ	-0.99m	0	0.001
	0										
1410	0	60	5.2000	10.5600	0.0000	2	11.4μ	61.5n	-1.02m	0	0.002
	0										
1429	0	61	0.0000	10.8200	0.0000	2	-11.2μ	86.9n	-1.02m	0	-0.002
	0										
1425	0	62	1.0500	10.8200	0.0000	2	-5.99μ	0.63μ	-1.00m	0	-0.001
	0										
1444	0	63	2.5400	10.8200	0.0000	2	-0.22μ	0.93μ	-0.98m	0	0
	0										
1463	0	64	4.0500	10.8200	0.0000	2	5.55μ	0.66μ	-0.99m	0	0.001
	0										
1478	0	65	5.2000	10.8200	0.0000	2	11.2μ	86.4n	-1.02m	0	0.002
	0										
1497	0	66	0.0000	11.0800	0.0000	2	-11.1μ	0.12μ	-1.02m	0	-0.002
	0										
1493	0	67	1.0500	11.0800	0.0000	2	-5.88μ	0.75μ	-1.00m	0	-0.001
	0										
1512	0	68	2.5400	11.0800	0.0000	2	-0.21μ	1.09μ	-0.98m	0	0
	0										
1531	0	69	4.0500	11.0800	0.0000	2	5.44μ	0.79μ	-0.99m	0	0.001
	0										
1546	0	70	5.2000	11.0800	0.0000	2	11.1μ	0.12μ	-1.02m	0	0.002
	0										
1589	0	71	0.0000	12.5800	0.0000	2	-9.23μ	0.43μ	-1.02m	0	-0.002

1585	0	72	1.0500	12.5800	0.0000	2	-4.88μ	1.85μ	-1.00m	0	-0.001
1636	0	73	2.5400	12.5800	0.0000	2	-0.18μ	2.48μ	-0.99m	0	0
1683	0	74	4.0500	12.5800	0.0000	2	4.52μ	1.93μ	-1.00m	0	0.001
1718	0	75	5.2000	12.5800	0.0000	2	9.22μ	0.43μ	-1.02m	0	0.002
1761	0	76	0.0000	14.0800	0.0000	2	-4.87μ	1.09μ	-1.03m	0	-0.001
1757	0	77	1.0500	14.0800	0.0000	2	-2.99μ	3.84μ	-1.01m	-0.001	0
1808	0	78	2.5400	14.0800	0.0000	2	-0.12μ	5.17μ	-1.01m	-0.001	0
1855	0	79	4.0500	14.0800	0.0000	2	2.79μ	4.01μ	-1.01m	-0.001	0
1890	0	80	5.2000	14.0800	0.0000	2	4.87μ	1.09μ	-1.03m	0	0.001
1921	0	81	0.0000	14.9200	0.0000	2	-1.78μ	1.80μ	-1.03m	0	0
1917	0	82	1.0500	14.9200	0.0000	2	-0.96μ	5.42μ	-1.02m	-0.001	0
1952	0	83	2.5400	14.9200	0.0000	2	-37.1n	8.00μ	-1.02m	-0.001	0
1985	0	84	4.0500	14.9200	0.0000	2	0.88μ	5.74μ	-1.02m	-0.001	0
2010	0	85	5.2000	14.9200	0.0000	2	1.76μ	1.80μ	-1.03m	0	0
400	1	1	0.0000	0.0000	1.6000	2	-6.29μ	-6.97μ	-1.03m	0	0
326	1	2	1.0500	0.0000	1.6000	2	-4.31μ	-36.9μ	-1.03m	0.001	0
332	-0.002	3	2.5400	0.0000	1.6000	2	-0.19μ	-70.8μ	-1.02m	0.002	0
483	1	4	4.0500	0.0000	1.6000	2	4.03μ	-40.7μ	-1.02m	0.001	0
49	0.002	5	5.2000	0.0000	1.6000	2	6.26μ	-6.97μ	-1.03m	0	0
259	1	6	0.0000	0.5200	1.6000	2	-19.4μ	-6.32μ	-1.03m	0	-0.001
40	0.002	10	5.2000	0.5200	1.6000	2	19.4μ	-6.32μ	-1.03m	0	0.001
2370	-0.002	11	0.0000	2.0200	1.6000	2	-84.2μ	-3.83μ	-1.02m	0	-0.003
106	0.002	15	5.2000	2.0200	1.6000	2	84.2μ	-3.83μ	-1.02m	0	0.003
2288	-0.002	16	0.0000	3.5200	1.6000	2	-0.12m	-1.81μ	-1.02m	0	-0.004
118	0.001	20	5.2000	3.5200	1.6000	2	0.12m	-1.81μ	-1.02m	0	0.004
2275	-0.001	21	0.0000	3.7800	1.6000	2	-0.12m	-1.56μ	-1.02m	0	-0.004
136	0.001	25	5.2000	3.7800	1.6000	2	0.12m	-1.56μ	-1.02m	0	0.004
2319	-0.001	26	0.0000	4.0400	1.6000	2	-0.12m	-1.33μ	-1.02m	0	-0.005
127	0.001	30	5.2000	4.0400	1.6000	2	0.12m	-1.33μ	-1.02m	0	0.005
2396	-0.001	31	0.0000	5.5400	1.6000	2	-0.13m	-0.44μ	-1.02m	0	-0.005
726	1	35	5.2000	5.5400	1.6000	2	0.13m	-0.44μ	-1.02m	0	0.005
858	0	36	0.0000	7.0400	1.6000	2	-0.13m	-66.9n	-1.02m	0	-0.005
744	1	40	5.2000	7.0400	1.6000	2	0.13m	-67.0n	-1.02m	0	0.005
845	0	41	0.0000	7.3000	1.6000	2	-0.13m	-24.9n	-1.02m	0	-0.005
762	1	45	5.2000	7.3000	1.6000	2	0.13m	-25.0n	-1.02m	0	0.005
889	0	46	0.0000	7.5600	1.6000	2	-0.13m	15.8n	-1.02m	0	-0.005
753	1	50	5.2000	7.5600	1.6000	2	0.13m	15.8n	-1.02m	0	0.005
2029	0	51	0.0000	9.0600	1.6000	2	-0.13m	0.33μ	-1.02m	0	-0.005
1073	1	55	5.2000	9.0600	1.6000	2	0.13m	0.34μ	-1.02m	0	0.005
1205	0	56	0.0000	10.5600	1.6000	2	-0.13m	1.08μ	-1.02m	0	-0.005
1091	1	60	5.2000	10.5600	1.6000	2	0.13m	1.08μ	-1.02m	0	0.005
	0										

1192	1	61	0.0000	10.8200	1.6000	2	-0.12m	1.28μ	-1.02m	0	-0.005
	0										
1109	1	65	5.2000	10.8200	1.6000	2	0.12m	1.28μ	-1.02m	0	0.005
	0										
1236	1	66	0.0000	11.0800	1.6000	2	-0.12m	1.50μ	-1.02m	0	-0.004
	-0.001										
1100	1	70	5.2000	11.0800	1.6000	2	0.12m	1.50μ	-1.02m	0	0.004
	0.001										
1848	1	71	0.0000	12.5800	1.6000	2	-94.1μ	3.33μ	-1.02m	0	-0.003
	-0.002										
1667	1	75	5.2000	12.5800	1.6000	2	94.1μ	3.33μ	-1.02m	0	0.003
	0.002										
1505	1	76	0.0000	14.0800	1.6000	2	-33.7μ	5.83μ	-1.03m	0	-0.001
	-0.003										
1685	1	80	5.2000	14.0800	1.6000	2	33.7μ	5.83μ	-1.03m	0	0.001
	0.003										
1542	1	81	0.0000	14.9200	1.6000	2	-6.29μ	6.97μ	-1.03m	0	0
	0										
1423	1	82	1.0500	14.9200	1.6000	2	-4.31μ	36.8μ	-1.03m	-0.001	0
	0.002										
1805	1	83	2.5400	14.9200	1.6000	2	-0.19μ	70.7μ	-1.02m	-0.002	0
	0										
1590	1	84	4.0500	14.9200	1.6000	2	4.03μ	40.6μ	-1.02m	-0.001	0
	-0.002										
1734	1	85	5.2000	14.9200	1.6000	2	6.26μ	6.97μ	-1.03m	0	0
	0										

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Spostamenti Nodi. Azione 16) Sisma X

Nodo	Piano rot z [°]	Filo	x[m]	y[m]	z[m]	Azione	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]
FEM											
15	0	1	0.0000	0.0000	0.0000	16	17.6μ	2.72μ	0.12m	0	0.003
	0										
19	0	2	1.0500	0.0000	0.0000	16	17.0μ	2.33μ	72.5μ	0	0.003
	0										
50	0	3	2.5400	0.0000	0.0000	16	16.3μ	0.11μ	2.76μ	0	0.003
	0										
81	0	4	4.0500	0.0000	0.0000	16	16.9μ	-2.25μ	-67.7μ	0	0.003
	0										
104	0	5	5.2000	0.0000	0.0000	16	17.6μ	-2.72μ	-0.12m	0	0.003
	0										
25	0	6	0.0000	0.5200	0.0000	16	18.1μ	2.67μ	0.12m	0	0.003
	0										
21	0	7	1.0500	0.5200	0.0000	16	16.4μ	2.67μ	68.7μ	0	0.003
	0										
52	0	8	2.5400	0.5200	0.0000	16	15.1μ	0.13μ	2.58μ	0	0.002
	0										
83	0	9	4.0500	0.5200	0.0000	16	16.2μ	-2.57μ	-64.0μ	0	0.003
	0										
106	0	10	5.2000	0.5200	0.0000	16	18.1μ	-2.67μ	-0.12m	0	0.003
	0										
149	0	11	0.0000	2.0200	0.0000	16	19.5μ	2.28μ	0.11m	0	0.003
	0										
145	0	12	1.0500	2.0200	0.0000	16	15.0μ	2.05μ	58.2μ	0	0.002
	0										
196	0	13	2.5400	2.0200	0.0000	16	12.2μ	95.8n	2.09μ	0	0.002
	0										
243	0	14	4.0500	2.0200	0.0000	16	14.7μ	-1.97μ	-53.9μ	0	0.002
	0										
278	0	15	5.2000	2.0200	0.0000	16	19.5μ	-2.28μ	-0.11m	0	0.003
	0										
321	0	16	0.0000	3.5200	0.0000	16	19.5μ	1.69μ	0.10m	0	0.003
	0										
317	0	17	1.0500	3.5200	0.0000	16	14.0μ	1.24μ	51.2μ	0	0.002
	0										
368	0	18	2.5400	3.5200	0.0000	16	10.3μ	54.6n	1.77μ	0	0.002
	0										
415	0	19	4.0500	3.5200	0.0000	16	13.5μ	-1.18μ	-47.3μ	0	0.002
	0										
450	0	20	5.2000	3.5200	0.0000	16	19.4μ	-1.69μ	-0.10m	0	0.003
	0										
469	0	21	0.0000	3.7800	0.0000	16	19.4μ	1.59μ	99.8μ	0	0.003
	0										
465	0	22	1.0500	3.7800	0.0000	16	13.8μ	1.13μ	50.3μ	0	0.002
	0										
484	0	23	2.5400	3.7800	0.0000	16	10.1μ	49.0n	1.73μ	0	0.002
	0										
503	0	24	4.0500	3.7800	0.0000	16	13.4μ	-1.07μ	-46.5μ	0	0.002
	0										

518	0	25	5.2000	3.7800	0.0000	16	19.4μ	-1.59μ	-99.8μ	0	0.003
	0										
537	0	26	0.0000	4.0400	0.0000	16	19.3μ	1.47μ	98.6μ	0	0.003
	0										
533	0	27	1.0500	4.0400	0.0000	16	13.7μ	1.02μ	49.5μ	0	0.002
	0										
552	0	28	2.5400	4.0400	0.0000	16	9.92μ	43.9n	1.70μ	0	0.002
	0										
571	0	29	4.0500	4.0400	0.0000	16	13.2μ	-0.97μ	-45.7μ	0	0.002
	0										
586	0	30	5.2000	4.0400	0.0000	16	19.3μ	-1.48μ	-98.6μ	0	0.003
	0										
629	0	31	0.0000	5.5400	0.0000	16	18.8μ	0.83μ	93.7μ	0	0.003
	0										
625	0	32	1.0500	5.5400	0.0000	16	13.0μ	0.52μ	46.3μ	0	0.002
	0										
676	0	33	2.5400	5.5400	0.0000	16	9.13μ	21.1n	1.56μ	0	0.001
	0										
723	0	34	4.0500	5.5400	0.0000	16	12.5μ	-0.49μ	-42.6μ	0	0.002
	0										
758	0	35	5.2000	5.5400	0.0000	16	18.8μ	-0.83μ	-93.6μ	0	0.003
	0										
801	0	36	0.0000	7.0400	0.0000	16	18.5μ	0.18μ	91.5μ	0	0.003
	0										
797	0	37	1.0500	7.0400	0.0000	16	12.7μ	0.11μ	44.9μ	0	0.002
	0										
848	0	38	2.5400	7.0400	0.0000	16	8.82μ	4.36n	1.51μ	0	0.001
	0										
895	0	39	4.0500	7.0400	0.0000	16	12.3μ	-0.10μ	-41.4μ	0	0.002
	0										
930	0	40	5.2000	7.0400	0.0000	16	18.5μ	-0.18μ	-91.5μ	0	0.003
	0										
949	0	41	0.0000	7.3000	0.0000	16	18.5μ	69.0n	91.4μ	0	0.003
	0										
945	0	42	1.0500	7.3000	0.0000	16	12.7μ	42.1n	44.9μ	0	0.002
	0										
964	0	43	2.5400	7.3000	0.0000	16	8.81μ	1.65n	1.51μ	0	0.001
	0										
983	0	44	4.0500	7.3000	0.0000	16	12.2μ	-39.4n	-41.3μ	0	0.002
	0										
998	0	45	5.2000	7.3000	0.0000	16	18.5μ	-69.1n	-91.4μ	0	0.003
	0										
1017	0	46	0.0000	7.5600	0.0000	16	18.5μ	-43.0n	91.4μ	0	0.003
	0										
1013	0	47	1.0500	7.5600	0.0000	16	12.7μ	-26.4n	44.9μ	0	0.002
	0										
1032	0	48	2.5400	7.5600	0.0000	16	8.81μ	-1.04n	1.51μ	0	0.001
	0										
1051	0	49	4.0500	7.5600	0.0000	16	12.2μ	24.8n	-41.3μ	0	0.002
	0										
1066	0	50	5.2000	7.5600	0.0000	16	18.5μ	43.1n	-91.4μ	0	0.003
	0										
1109	0	51	0.0000	9.0600	0.0000	16	18.7μ	-0.69μ	93.0μ	0	0.003
	0										
1105	0	52	1.0500	9.0600	0.0000	16	12.9μ	-0.43μ	45.8μ	0	0.002
	0										
1156	0	53	2.5400	9.0600	0.0000	16	9.03μ	-17.3n	1.54μ	0	0.001
	0										
1203	0	54	4.0500	9.0600	0.0000	16	12.5μ	0.41μ	-42.2μ	0	0.002
	0										
1238	0	55	5.2000	9.0600	0.0000	16	18.7μ	0.69μ	-93.0μ	0	0.003
	0										
1281	0	56	0.0000	10.5600	0.0000	16	19.2μ	-1.34μ	97.4μ	0	0.003
	0										
1277	0	57	1.0500	10.5600	0.0000	16	13.5μ	-0.90μ	48.7μ	0	0.002
	0										
1328	0	58	2.5400	10.5600	0.0000	16	9.71μ	-38.2n	1.66μ	0	0.002
	0										
1375	0	59	4.0500	10.5600	0.0000	16	13.0μ	0.85μ	-44.9μ	0	0.002
	0										
1410	0	60	5.2000	10.5600	0.0000	16	19.2μ	1.34μ	-97.3μ	0	0.003
	0										
1429	0	61	0.0000	10.8200	0.0000	16	19.3μ	-1.45μ	98.4μ	0	0.003
	0										
1425	0	62	1.0500	10.8200	0.0000	16	13.6μ	-1.00μ	49.4μ	0	0.002
	0										
1444	0	63	2.5400	10.8200	0.0000	16	9.88μ	-42.8n	1.69μ	0	0.002
	0										
1463	0	64	4.0500	10.8200	0.0000	16	13.2μ	0.95μ	-45.5μ	0	0.002
	0										
1478	0	65	5.2000	10.8200	0.0000	16	19.3μ	1.45μ	-98.4μ	0	0.003
	0										
1497	0	66	0.0000	11.0800	0.0000	16	19.4μ	-1.56μ	99.5μ	0	0.003

1493	0	67	1.0500	11.0800	0.0000	16	13.8μ	-1.10μ	50.2μ	0	0.002
1512	0	68	2.5400	11.0800	0.0000	16	10.1μ	-47.8n	1.72μ	0	0.002
1531	0	69	4.0500	11.0800	0.0000	16	13.3μ	1.05μ	-46.3μ	0	0.002
1546	0	70	5.2000	11.0800	0.0000	16	19.3μ	1.56μ	-99.5μ	0	0.003
1589	0	71	0.0000	12.5800	0.0000	16	19.6μ	-2.16μ	0.11m	0	0.003
1585	0	72	1.0500	12.5800	0.0000	16	14.8μ	-1.86μ	56.4μ	0	0.002
1636	0	73	2.5400	12.5800	0.0000	16	11.7μ	-85.9n	2.00μ	0	0.002
1683	0	74	4.0500	12.5800	0.0000	16	14.4μ	1.78μ	-52.2μ	0	0.002
1718	0	75	5.2000	12.5800	0.0000	16	19.6μ	2.17μ	-0.11m	0	0.003
1761	0	76	0.0000	14.0800	0.0000	16	18.6μ	-2.63μ	0.12m	0	0.003
1757	0	77	1.0500	14.0800	0.0000	16	16.1μ	-2.65μ	66.2μ	0	0.003
1808	0	78	2.5400	14.0800	0.0000	16	14.4μ	-0.12μ	2.47μ	0	0.002
1855	0	79	4.0500	14.0800	0.0000	16	15.9μ	2.55μ	-61.7μ	0	0.003
1890	0	80	5.2000	14.0800	0.0000	16	18.5μ	2.63μ	-0.12m	0	0.003
1921	0	81	0.0000	14.9200	0.0000	16	17.6μ	-2.73μ	0.12m	0	0.003
1917	0	82	1.0500	14.9200	0.0000	16	17.0μ	-2.33μ	72.5μ	0	0.003
1952	0	83	2.5400	14.9200	0.0000	16	16.3μ	-0.11μ	2.76μ	0	0.003
1985	0	84	4.0500	14.9200	0.0000	16	16.9μ	2.25μ	-67.7μ	0	0.003
2010	0	85	5.2000	14.9200	0.0000	16	17.6μ	2.73μ	-0.12m	0	0.003
400	1	1	0.0000	0.0000	1.6000	16	0.10m	13.8μ	0.13m	0	0.003
326	-0.002	2	1.0500	0.0000	1.6000	16	98.6μ	0.32μ	73.2μ	0	0
332	1	3	2.5400	0.0000	1.6000	16	96.8μ	22.5n	2.80μ	0	0
483	1	4	4.0500	0.0000	1.6000	16	98.4μ	-0.21μ	-68.4μ	0	0
49	1	5	5.2000	0.0000	1.6000	16	0.10m	-13.8μ	-0.13m	0	0.003
259	-0.002	6	0.0000	0.5200	1.6000	16	0.13m	13.9μ	0.12m	0	0.004
40	-0.003	10	5.2000	0.5200	1.6000	16	0.13m	-13.9μ	-0.12m	0	0.004
2370	-0.003	11	0.0000	2.0200	1.6000	16	0.19m	11.9μ	0.11m	0	0.007
106	-0.002	15	5.2000	2.0200	1.6000	16	0.19m	-11.9μ	-0.11m	0	0.007
2288	-0.002	16	0.0000	3.5200	1.6000	16	0.22m	9.02μ	0.10m	0	0.008
118	1	20	5.2000	3.5200	1.6000	16	0.22m	-9.03μ	-0.10m	0	0.008
2275	1	21	0.0000	3.7800	1.6000	16	0.22m	8.47μ	0.10m	0	0.009
136	1	25	5.2000	3.7800	1.6000	16	0.22m	-8.47μ	-0.10m	0	0.008
2319	1	26	0.0000	4.0400	1.6000	16	0.22m	7.90μ	99.1μ	0	0.009
127	1	30	5.2000	4.0400	1.6000	16	0.22m	-7.91μ	-99.1μ	0	0.009
2396	1	31	0.0000	5.5400	1.6000	16	0.22m	4.51μ	94.1μ	0	0.009
726	1	35	5.2000	5.5400	1.6000	16	0.22m	-4.52μ	-94.1μ	0	0.009
858	1	36	0.0000	7.0400	1.6000	16	0.22m	0.99μ	92.0μ	0	0.009
744	1	40	5.2000	7.0400	1.6000	16	0.22m	-1.00μ	-91.9μ	0	0.009
845	1	41	0.0000	7.3000	1.6000	16	0.22m	0.38μ	91.9μ	0	0.009
762	1	45	5.2000	7.3000	1.6000	16	0.22m	-0.38μ	-91.8μ	0	0.009
889	1	46	0.0000	7.5600	1.6000	16	0.22m	-0.24μ	91.9μ	0	0.009

753	1	50	5.2000	7.5600	1.6000	16	0.22m	0.24μ	-91.8μ	0	0.009
	0										
2029	1	51	0.0000	9.0600	1.6000	16	0.22m	-3.77μ	93.4μ	0	0.009
	0										
1073	1	55	5.2000	9.0600	1.6000	16	0.22m	3.77μ	-93.4μ	0	0.009
	0										
1205	1	56	0.0000	10.5600	1.6000	16	0.22m	-7.20μ	97.8μ	0	0.009
	0										
1091	1	60	5.2000	10.5600	1.6000	16	0.22m	7.20μ	-97.8μ	0	0.009
	0										
1192	1	61	0.0000	10.8200	1.6000	16	0.22m	-7.78μ	98.8μ	0	0.009
	0										
1109	1	65	5.2000	10.8200	1.6000	16	0.22m	7.78μ	-98.8μ	0	0.009
	0										
1236	1	66	0.0000	11.0800	1.6000	16	0.22m	-8.34μ	100μ	0	0.009
	0										
1100	1	70	5.2000	11.0800	1.6000	16	0.22m	8.35μ	-99.9μ	0	0.009
	0										
1848	1	71	0.0000	12.5800	1.6000	16	0.20m	-11.3μ	0.11m	0	0.008
	0.001										
1667	1	75	5.2000	12.5800	1.6000	16	0.20m	11.3μ	-0.11m	0	0.008
	0.001										
1505	1	76	0.0000	14.0800	1.6000	16	0.14m	-13.6μ	0.12m	0	0.005
	0.003										
1685	1	80	5.2000	14.0800	1.6000	16	0.14m	13.6μ	-0.12m	0	0.005
	0.003										
1542	1	81	0.0000	14.9200	1.6000	16	0.10m	-13.8μ	0.13m	0	0.003
	0.002										
1423	1	82	1.0500	14.9200	1.6000	16	98.6μ	-0.29μ	73.2μ	0	0
	0										
1805	1	83	2.5400	14.9200	1.6000	16	96.9μ	-20.7n	2.80μ	0	0
	0										
1590	1	84	4.0500	14.9200	1.6000	16	98.4μ	0.18μ	-68.4μ	0	0
	0										
1734	1	85	5.2000	14.9200	1.6000	16	0.10m	13.8μ	-0.13m	0	0.003
	0.002										

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Spostamenti Nodi. Azione 17) Ecc.Y Sism.X

Nodo	Piano	Filo	x[m]	y[m]	z[m]	Azione	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]
FEM	rot z [°]										
15	0	1	0.0000	0.0000	0.0000	17	0	0	0	0	0
	0										
19	0	2	1.0500	0.0000	0.0000	17	0	0	0	0	0
	0										
50	0	3	2.5400	0.0000	0.0000	17	0	0	0	0	0
	0										
81	0	4	4.0500	0.0000	0.0000	17	0	0	0	0	0
	0										
104	0	5	5.2000	0.0000	0.0000	17	0	0	0	0	0
	0										
25	0	6	0.0000	0.5200	0.0000	17	0	0	0	0	0
	0										
21	0	7	1.0500	0.5200	0.0000	17	0	0	0	0	0
	0										
52	0	8	2.5400	0.5200	0.0000	17	0	0	0	0	0
	0										
83	0	9	4.0500	0.5200	0.0000	17	0	0	0	0	0
	0										
106	0	10	5.2000	0.5200	0.0000	17	0	0	0	0	0
	0										
149	0	11	0.0000	2.0200	0.0000	17	0	0	0	0	0
	0										
145	0	12	1.0500	2.0200	0.0000	17	0	0	0	0	0
	0										
196	0	13	2.5400	2.0200	0.0000	17	0	0	0	0	0
	0										
243	0	14	4.0500	2.0200	0.0000	17	0	0	0	0	0
	0										
278	0	15	5.2000	2.0200	0.0000	17	0	0	0	0	0
	0										
321	0	16	0.0000	3.5200	0.0000	17	0	0	0	0	0
	0										
317	0	17	1.0500	3.5200	0.0000	17	0	0	0	0	0
	0										
368	0	18	2.5400	3.5200	0.0000	17	0	0	0	0	0
	0										
415	0	19	4.0500	3.5200	0.0000	17	0	0	0	0	0
	0										

450	0	20	5.2000	3.5200	0.0000	17	0	0	0	0	0
	0										
469	0	21	0.0000	3.7800	0.0000	17	0	0	0	0	0
	0										
465	0	22	1.0500	3.7800	0.0000	17	0	0	0	0	0
	0										
484	0	23	2.5400	3.7800	0.0000	17	0	0	0	0	0
	0										
503	0	24	4.0500	3.7800	0.0000	17	0	0	0	0	0
	0										
518	0	25	5.2000	3.7800	0.0000	17	0	0	0	0	0
	0										
537	0	26	0.0000	4.0400	0.0000	17	0	0	0	0	0
	0										
533	0	27	1.0500	4.0400	0.0000	17	0	0	0	0	0
	0										
552	0	28	2.5400	4.0400	0.0000	17	0	0	0	0	0
	0										
571	0	29	4.0500	4.0400	0.0000	17	0	0	0	0	0
	0										
586	0	30	5.2000	4.0400	0.0000	17	0	0	0	0	0
	0										
629	0	31	0.0000	5.5400	0.0000	17	0	0	0	0	0
	0										
625	0	32	1.0500	5.5400	0.0000	17	0	0	0	0	0
	0										
676	0	33	2.5400	5.5400	0.0000	17	0	0	0	0	0
	0										
723	0	34	4.0500	5.5400	0.0000	17	0	0	0	0	0
	0										
758	0	35	5.2000	5.5400	0.0000	17	0	0	0	0	0
	0										
801	0	36	0.0000	7.0400	0.0000	17	0	0	0	0	0
	0										
797	0	37	1.0500	7.0400	0.0000	17	0	0	0	0	0
	0										
848	0	38	2.5400	7.0400	0.0000	17	0	0	0	0	0
	0										
895	0	39	4.0500	7.0400	0.0000	17	0	0	0	0	0
	0										
930	0	40	5.2000	7.0400	0.0000	17	0	0	0	0	0
	0										
949	0	41	0.0000	7.3000	0.0000	17	0	0	0	0	0
	0										
945	0	42	1.0500	7.3000	0.0000	17	0	0	0	0	0
	0										
964	0	43	2.5400	7.3000	0.0000	17	0	0	0	0	0
	0										
983	0	44	4.0500	7.3000	0.0000	17	0	0	0	0	0
	0										
998	0	45	5.2000	7.3000	0.0000	17	0	0	0	0	0
	0										
1017	0	46	0.0000	7.5600	0.0000	17	0	0	0	0	0
	0										
1013	0	47	1.0500	7.5600	0.0000	17	0	0	0	0	0
	0										
1032	0	48	2.5400	7.5600	0.0000	17	0	0	0	0	0
	0										
1051	0	49	4.0500	7.5600	0.0000	17	0	0	0	0	0
	0										
1066	0	50	5.2000	7.5600	0.0000	17	0	0	0	0	0
	0										
1109	0	51	0.0000	9.0600	0.0000	17	0	0	0	0	0
	0										
1105	0	52	1.0500	9.0600	0.0000	17	0	0	0	0	0
	0										
1156	0	53	2.5400	9.0600	0.0000	17	0	0	0	0	0
	0										
1203	0	54	4.0500	9.0600	0.0000	17	0	0	0	0	0
	0										
1238	0	55	5.2000	9.0600	0.0000	17	0	0	0	0	0
	0										
1281	0	56	0.0000	10.5600	0.0000	17	0	0	0	0	0
	0										
1277	0	57	1.0500	10.5600	0.0000	17	0	0	0	0	0
	0										
1328	0	58	2.5400	10.5600	0.0000	17	0	0	0	0	0
	0										
1375	0	59	4.0500	10.5600	0.0000	17	0	0	0	0	0
	0										
1410	0	60	5.2000	10.5600	0.0000	17	0	0	0	0	0
	0										
1429	0	61	0.0000	10.8200	0.0000	17	0	0	0	0	0

1425	0	62	1.0500	10.8200	0.0000	17	0	0	0	0	0
	0										
1444	0	63	2.5400	10.8200	0.0000	17	0	0	0	0	0
	0										
1463	0	64	4.0500	10.8200	0.0000	17	0	0	0	0	0
	0										
1478	0	65	5.2000	10.8200	0.0000	17	0	0	0	0	0
	0										
1497	0	66	0.0000	11.0800	0.0000	17	0	0	0	0	0
	0										
1493	0	67	1.0500	11.0800	0.0000	17	0	0	0	0	0
	0										
1512	0	68	2.5400	11.0800	0.0000	17	0	0	0	0	0
	0										
1531	0	69	4.0500	11.0800	0.0000	17	0	0	0	0	0
	0										
1546	0	70	5.2000	11.0800	0.0000	17	0	0	0	0	0
	0										
1589	0	71	0.0000	12.5800	0.0000	17	0	0	0	0	0
	0										
1585	0	72	1.0500	12.5800	0.0000	17	0	0	0	0	0
	0										
1636	0	73	2.5400	12.5800	0.0000	17	0	0	0	0	0
	0										
1683	0	74	4.0500	12.5800	0.0000	17	0	0	0	0	0
	0										
1718	0	75	5.2000	12.5800	0.0000	17	0	0	0	0	0
	0										
1761	0	76	0.0000	14.0800	0.0000	17	0	0	0	0	0
	0										
1757	0	77	1.0500	14.0800	0.0000	17	0	0	0	0	0
	0										
1808	0	78	2.5400	14.0800	0.0000	17	0	0	0	0	0
	0										
1855	0	79	4.0500	14.0800	0.0000	17	0	0	0	0	0
	0										
1890	0	80	5.2000	14.0800	0.0000	17	0	0	0	0	0
	0										
1921	0	81	0.0000	14.9200	0.0000	17	0	0	0	0	0
	0										
1917	0	82	1.0500	14.9200	0.0000	17	0	0	0	0	0
	0										
1952	0	83	2.5400	14.9200	0.0000	17	0	0	0	0	0
	0										
1985	0	84	4.0500	14.9200	0.0000	17	0	0	0	0	0
	0										
2010	0	85	5.2000	14.9200	0.0000	17	0	0	0	0	0
	0										
400	1	1	0.0000	0.0000	1.6000	17	0	0	0	0	0
	0										
326	1	2	1.0500	0.0000	1.6000	17	0	0	0	0	0
	0										
332	1	3	2.5400	0.0000	1.6000	17	0	0	0	0	0
	0										
483	1	4	4.0500	0.0000	1.6000	17	0	0	0	0	0
	0										
49	1	5	5.2000	0.0000	1.6000	17	0	0	0	0	0
	0										
259	1	6	0.0000	0.5200	1.6000	17	0	0	0	0	0
	0										
40	1	10	5.2000	0.5200	1.6000	17	0	0	0	0	0
	0										
2370	1	11	0.0000	2.0200	1.6000	17	0	0	0	0	0
	0										
106	1	15	5.2000	2.0200	1.6000	17	0	0	0	0	0
	0										
2288	1	16	0.0000	3.5200	1.6000	17	0	0	0	0	0
	0										
118	1	20	5.2000	3.5200	1.6000	17	0	0	0	0	0
	0										
2275	1	21	0.0000	3.7800	1.6000	17	0	0	0	0	0
	0										
136	1	25	5.2000	3.7800	1.6000	17	0	0	0	0	0
	0										
2319	1	26	0.0000	4.0400	1.6000	17	0	0	0	0	0
	0										
127	1	30	5.2000	4.0400	1.6000	17	0	0	0	0	0
	0										
2396	1	31	0.0000	5.5400	1.6000	17	0	0	0	0	0
	0										
726	1	35	5.2000	5.5400	1.6000	17	0	0	0	0	0
	0										

858	1	36	0.0000	7.0400	1.6000	17	0	0	0	0	0
	0										
744	1	40	5.2000	7.0400	1.6000	17	0	0	0	0	0
	0										
845	1	41	0.0000	7.3000	1.6000	17	0	0	0	0	0
	0										
762	1	45	5.2000	7.3000	1.6000	17	0	0	0	0	0
	0										
889	1	46	0.0000	7.5600	1.6000	17	0	0	0	0	0
	0										
753	1	50	5.2000	7.5600	1.6000	17	0	0	0	0	0
	0										
2029	1	51	0.0000	9.0600	1.6000	17	0	0	0	0	0
	0										
1073	1	55	5.2000	9.0600	1.6000	17	0	0	0	0	0
	0										
1205	1	56	0.0000	10.5600	1.6000	17	0	0	0	0	0
	0										
1091	1	60	5.2000	10.5600	1.6000	17	0	0	0	0	0
	0										
1192	1	61	0.0000	10.8200	1.6000	17	0	0	0	0	0
	0										
1109	1	65	5.2000	10.8200	1.6000	17	0	0	0	0	0
	0										
1236	1	66	0.0000	11.0800	1.6000	17	0	0	0	0	0
	0										
1100	1	70	5.2000	11.0800	1.6000	17	0	0	0	0	0
	0										
1848	1	71	0.0000	12.5800	1.6000	17	0	0	0	0	0
	0										
1667	1	75	5.2000	12.5800	1.6000	17	0	0	0	0	0
	0										
1505	1	76	0.0000	14.0800	1.6000	17	0	0	0	0	0
	0										
1685	1	80	5.2000	14.0800	1.6000	17	0	0	0	0	0
	0										
1542	1	81	0.0000	14.9200	1.6000	17	0	0	0	0	0
	0										
1423	1	82	1.0500	14.9200	1.6000	17	0	0	0	0	0
	0										
1805	1	83	2.5400	14.9200	1.6000	17	0	0	0	0	0
	0										
1590	1	84	4.0500	14.9200	1.6000	17	0	0	0	0	0
	0										
1734	1	85	5.2000	14.9200	1.6000	17	0	0	0	0	0
	0										

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Azione 18) Sisma Y

Nodo	Piano rot z [°]	Filo	x[m]	y[m]	z[m]	Azione	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]
FEM											
15	0	1	0.0000	0.0000	0.0000	18	0.46μ	5.04μ	53.0μ	-0.001	0
	0										
19	0	2	1.0500	0.0000	0.0000	18	0.24μ	7.40μ	52.1μ	-0.001	0
	0										
50	0	3	2.5400	0.0000	0.0000	18	11.9n	9.25μ	51.5μ	-0.002	0
	0										
81	0	4	4.0500	0.0000	0.0000	18	-0.23μ	7.62μ	52.0μ	-0.001	0
	0										
104	0	5	5.2000	0.0000	0.0000	18	-0.46μ	5.04μ	53.0μ	-0.001	0
	0										
25	0	6	0.0000	0.5200	0.0000	18	0.72μ	4.94μ	45.4μ	-0.001	0
	0										
21	0	7	1.0500	0.5200	0.0000	18	1.11μ	6.12μ	42.1μ	-0.001	0
	0										
52	0	8	2.5400	0.5200	0.0000	18	50.8n	7.12μ	39.4μ	-0.001	0
	0										
83	0	9	4.0500	0.5200	0.0000	18	-1.07μ	6.23μ	41.7μ	-0.001	0
	0										
106	0	10	5.2000	0.5200	0.0000	18	-0.72μ	4.94μ	45.4μ	-0.001	0
	0										
149	0	11	0.0000	2.0200	0.0000	18	1.72μ	3.54μ	27.3μ	-0.001	0
	0										
145	0	12	1.0500	2.0200	0.0000	18	1.68μ	3.49μ	21.9μ	-0.001	0
	0										
196	0	13	2.5400	2.0200	0.0000	18	78.5n	3.42μ	17.8μ	-0.001	0
	0										
243	0	14	4.0500	2.0200	0.0000	18	-1.61μ	3.49μ	21.4μ	-0.001	0
	0										

278	0	15	5.2000	2.0200	0.0000	18	-1.71μ	3.54μ	27.3μ	-0.001	0
	0										
321	0	16	0.0000	3.5200	0.0000	18	1.55μ	2.36μ	15.2μ	0	0
	0										
317	0	17	1.0500	3.5200	0.0000	18	1.33μ	1.91μ	10.6μ	0	0
	0										
368	0	18	2.5400	3.5200	0.0000	18	60.3n	1.62μ	7.45μ	0	0
	0										
415	0	19	4.0500	3.5200	0.0000	18	-1.27μ	1.87μ	10.3μ	0	0
	0										
450	0	20	5.2000	3.5200	0.0000	18	-1.55μ	2.35μ	15.2μ	0	0
	0										
469	0	21	0.0000	3.7800	0.0000	18	1.45μ	2.17μ	13.5μ	0	0
	0										
465	0	22	1.0500	3.7800	0.0000	18	1.24μ	1.71μ	9.31μ	0	0
	0										
484	0	23	2.5400	3.7800	0.0000	18	56.1n	1.41μ	6.33μ	0	0
	0										
503	0	24	4.0500	3.7800	0.0000	18	-1.19μ	1.68μ	8.96μ	0	0
	0										
518	0	25	5.2000	3.7800	0.0000	18	-1.45μ	2.17μ	13.5μ	0	0
	0										
537	0	26	0.0000	4.0400	0.0000	18	1.34μ	2.03μ	12.0μ	0	0
	0										
533	0	27	1.0500	4.0400	0.0000	18	1.15μ	1.53μ	8.10μ	0	0
	0										
552	0	28	2.5400	4.0400	0.0000	18	51.8n	1.23μ	5.36μ	0	0
	0										
571	0	29	4.0500	4.0400	0.0000	18	-1.10μ	1.49μ	7.78μ	0	0
	0										
586	0	30	5.2000	4.0400	0.0000	18	-1.34μ	2.02μ	12.0μ	0	0
	0										
629	0	31	0.0000	5.5400	0.0000	18	0.74μ	1.34μ	5.43μ	0	0
	0										
625	0	32	1.0500	5.5400	0.0000	18	0.62μ	0.80μ	3.29μ	0	0
	0										
676	0	33	2.5400	5.5400	0.0000	18	27.7n	0.52μ	1.81μ	0	0
	0										
723	0	34	4.0500	5.5400	0.0000	18	-0.59μ	0.77μ	3.12μ	0	0
	0										
758	0	35	5.2000	5.5400	0.0000	18	-0.74μ	1.33μ	5.43μ	0	0
	0										
801	0	36	0.0000	7.0400	0.0000	18	0.17μ	1.00μ	1.09μ	0	0
	0										
797	0	37	1.0500	7.0400	0.0000	18	0.13μ	0.52μ	0.61μ	0	0
	0										
848	0	38	2.5400	7.0400	0.0000	18	5.92n	0.25μ	0.29μ	0	0
	0										
895	0	39	4.0500	7.0400	0.0000	18	-0.13μ	0.49μ	0.57μ	0	0
	0										
930	0	40	5.2000	7.0400	0.0000	18	-0.17μ	0.99μ	1.09μ	0	0
	0										
949	0	41	0.0000	7.3000	0.0000	18	60.4n	0.97μ	0.40μ	0	0
	0										
945	0	42	1.0500	7.3000	0.0000	18	50.2n	0.51μ	0.23μ	0	0
	0										
964	0	43	2.5400	7.3000	0.0000	18	2.24n	0.24μ	0.11μ	0	0
	0										
983	0	44	4.0500	7.3000	0.0000	18	-47.9n	0.48μ	0.22μ	0	0
	0										
998	0	45	5.2000	7.3000	0.0000	18	-60.3n	0.97μ	0.40μ	0	0
	0										
1017	0	46	0.0000	7.5600	0.0000	18	-51.3n	0.99μ	-0.28μ	0	0
	0										
1013	0	47	1.0500	7.5600	0.0000	18	-34.3n	0.51μ	-0.15μ	0	0
	0										
1032	0	48	2.5400	7.5600	0.0000	18	-1.43n	0.24μ	-68.1n	0	0
	0										
1051	0	49	4.0500	7.5600	0.0000	18	32.2n	0.47μ	-0.14μ	0	0
	0										
1066	0	50	5.2000	7.5600	0.0000	18	50.6n	0.98μ	-0.28μ	0	0
	0										
1109	0	51	0.0000	9.0600	0.0000	18	-0.61μ	1.24μ	-4.37μ	0	0
	0										
1105	0	52	1.0500	9.0600	0.0000	18	-0.51μ	0.71μ	-2.60μ	0	0
	0										
1156	0	53	2.5400	9.0600	0.0000	18	-22.9n	0.43μ	-1.38μ	0	0
	0										
1203	0	54	4.0500	9.0600	0.0000	18	0.49μ	0.68μ	-2.46μ	0	0
	0										
1238	0	55	5.2000	9.0600	0.0000	18	0.61μ	1.23μ	-4.37μ	0	0
	0										
1281	0	56	0.0000	10.5600	0.0000	18	-1.21μ	1.85μ	-10.3μ	0	0

1277	0	57	1.0500	10.5600	0.0000	18	-1.03μ	1.33μ	-6.80μ	0	0
1328	0	58	2.5400	10.5600	0.0000	18	-46.5n	1.03μ	-4.33μ	0	0
1375	0	59	4.0500	10.5600	0.0000	18	0.99μ	1.30μ	-6.51μ	0	0
1410	0	60	5.2000	10.5600	0.0000	18	1.21μ	1.84μ	-10.3μ	0	0
1429	0	61	0.0000	10.8200	0.0000	18	-1.33μ	1.98μ	-11.7μ	0	0
1425	0	62	1.0500	10.8200	0.0000	18	-1.13μ	1.49μ	-7.85μ	0	0
1444	0	63	2.5400	10.8200	0.0000	18	-50.8n	1.19μ	-5.15μ	0	0
1463	0	64	4.0500	10.8200	0.0000	18	1.08μ	1.46μ	-7.54μ	0	0
1478	0	65	5.2000	10.8200	0.0000	18	1.33μ	1.97μ	-11.7μ	0	0
1497	0	66	0.0000	11.0800	0.0000	18	-1.44μ	2.15μ	-13.2μ	0	0
1493	0	67	1.0500	11.0800	0.0000	18	-1.22μ	1.67μ	-9.02μ	0	0
1512	0	68	2.5400	11.0800	0.0000	18	-55.1n	1.37μ	-6.10μ	0	0
1531	0	69	4.0500	11.0800	0.0000	18	1.17μ	1.63μ	-8.68μ	0	0
1546	0	70	5.2000	11.0800	0.0000	18	1.44μ	2.14μ	-13.2μ	0	0
1589	0	71	0.0000	12.5800	0.0000	18	-1.75μ	3.27μ	-24.3μ	-0.001	0
1585	0	72	1.0500	12.5800	0.0000	18	-1.64μ	3.08μ	-18.9μ	-0.001	0
1636	0	73	2.5400	12.5800	0.0000	18	-76.3n	2.93μ	-14.9μ	0	0
1683	0	74	4.0500	12.5800	0.0000	18	1.58μ	3.06μ	-18.5μ	-0.001	0
1718	0	75	5.2000	12.5800	0.0000	18	1.75μ	3.26μ	-24.3μ	-0.001	0
1761	0	76	0.0000	14.0800	0.0000	18	-1.04μ	4.65μ	-41.0μ	-0.001	0
1757	0	77	1.0500	14.0800	0.0000	18	-1.40μ	5.45μ	-36.8μ	-0.001	0
1808	0	78	2.5400	14.0800	0.0000	18	-65.1n	6.07μ	-33.4μ	-0.001	0
1855	0	79	4.0500	14.0800	0.0000	18	1.35μ	5.52μ	-36.4μ	-0.001	0
1890	0	80	5.2000	14.0800	0.0000	18	1.03μ	4.65μ	-41.0μ	-0.001	0
1921	0	81	0.0000	14.9200	0.0000	18	-0.47μ	5.06μ	-53.0μ	-0.001	0
1917	0	82	1.0500	14.9200	0.0000	18	-0.24μ	7.40μ	-52.1μ	-0.001	0
1952	0	83	2.5400	14.9200	0.0000	18	-11.8n	9.25μ	-51.5μ	-0.002	0
1985	0	84	4.0500	14.9200	0.0000	18	0.23μ	7.62μ	-52.0μ	-0.001	0
2010	0	85	5.2000	14.9200	0.0000	18	0.46μ	5.06μ	-53.0μ	-0.001	0
400	1	1	0.0000	0.0000	1.6000	18	1.34μ	29.6μ	53.4μ	-0.001	0
326	0.002	2	1.0500	0.0000	1.6000	18	1.18μ	83.6μ	52.3μ	-0.003	0
332	0.003	3	2.5400	0.0000	1.6000	18	53.2n	0.12m	51.7μ	-0.005	0
483	1	4	4.0500	0.0000	1.6000	18	-1.10μ	88.4μ	52.2μ	-0.003	0
49	-0.003	5	5.2000	0.0000	1.6000	18	-1.34μ	29.6μ	53.4μ	-0.001	0
259	-0.002	6	0.0000	0.5200	1.6000	18	-7.68μ	27.6μ	45.9μ	0	0
40	1	10	5.2000	0.5200	1.6000	18	7.67μ	27.6μ	45.9μ	0	0
2370	1	11	0.0000	2.0200	1.6000	18	-0.27μ	22.4μ	28.3μ	0	0
106	1	15	5.2000	2.0200	1.6000	18	0.27μ	22.4μ	28.3μ	0	0
2288	1	16	0.0000	3.5200	1.6000	18	5.21μ	17.1μ	15.9μ	0	0
118	1	20	5.2000	3.5200	1.6000	18	-5.21μ	17.1μ	15.9μ	0	0
2275	1	21	0.0000	3.7800	1.6000	18	5.39μ	16.3μ	14.2μ	0	0

136	1	25	5.2000	3.7800	1.6000	18	-5.38μ	16.3μ	14.2μ	0	0
	0										
2319	1	26	0.0000	4.0400	1.6000	18	5.40μ	15.5μ	12.7μ	0	0
	0										
127	1	30	5.2000	4.0400	1.6000	18	-5.40μ	15.5μ	12.7μ	0	0
	0										
2396	1	31	0.0000	5.5400	1.6000	18	3.71μ	12.0μ	5.80μ	0	0
	0										
726	1	35	5.2000	5.5400	1.6000	18	-3.71μ	12.0μ	5.80μ	0	0
	0										
858	1	36	0.0000	7.0400	1.6000	18	0.85μ	10.4μ	1.15μ	0	0
	0										
744	1	40	5.2000	7.0400	1.6000	18	-0.85μ	10.4μ	1.15μ	0	0
	0										
845	1	41	0.0000	7.3000	1.6000	18	0.32μ	10.3μ	0.43μ	0	0
	0										
762	1	45	5.2000	7.3000	1.6000	18	-0.32μ	10.3μ	0.43μ	0	0
	0										
889	1	46	0.0000	7.5600	1.6000	18	-0.20μ	10.3μ	-0.28μ	0	0
	0										
753	1	50	5.2000	7.5600	1.6000	18	0.20μ	10.3μ	-0.28μ	0	0
	0										
2029	1	51	0.0000	9.0600	1.6000	18	-3.14μ	11.5μ	-4.68μ	0	0
	0										
1073	1	55	5.2000	9.0600	1.6000	18	3.14μ	11.5μ	-4.68μ	0	0
	0										
1205	1	56	0.0000	10.5600	1.6000	18	-5.26μ	14.6μ	-10.9μ	0	0
	0										
1091	1	60	5.2000	10.5600	1.6000	18	5.25μ	14.6μ	-10.9μ	0	0
	0										
1192	1	61	0.0000	10.8200	1.6000	18	-5.39μ	15.4μ	-12.3μ	0	0
	0										
1109	1	65	5.2000	10.8200	1.6000	18	5.39μ	15.4μ	-12.3μ	0	0
	0										
1236	1	66	0.0000	11.0800	1.6000	18	-5.40μ	16.1μ	-13.9μ	0	0
	0										
1100	1	70	5.2000	11.0800	1.6000	18	5.40μ	16.1μ	-13.9μ	0	0
	0										
1848	1	71	0.0000	12.5800	1.6000	18	-1.63μ	21.2μ	-25.2μ	0	0
	0										
1667	1	75	5.2000	12.5800	1.6000	18	1.63μ	21.2μ	-25.2μ	0	0
	0										
1505	1	76	0.0000	14.0800	1.6000	18	7.93μ	26.5μ	-41.7μ	0	0
	0										
1685	1	80	5.2000	14.0800	1.6000	18	-7.92μ	26.5μ	-41.7μ	0	0
	0										
1542	1	81	0.0000	14.9200	1.6000	18	-1.34μ	29.7μ	-53.5μ	-0.001	0
	0.002										
1423	1	82	1.0500	14.9200	1.6000	18	-1.18μ	83.6μ	-52.3μ	-0.003	0
	0.003										
1805	1	83	2.5400	14.9200	1.6000	18	-53.1n	0.12m	-51.7μ	-0.005	0
	0										
1590	1	84	4.0500	14.9200	1.6000	18	1.10μ	88.4μ	-52.2μ	-0.003	0
	-0.003										
1734	1	85	5.2000	14.9200	1.6000	18	1.34μ	29.7μ	-53.4μ	-0.001	0
	-0.002										

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Spostamenti Nodi. Azione 19) Ecc.X Sism.Y

Nodo	Piano rot z [°]	Filo	x[m]	y[m]	z[m]	Azione	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]
FEM											
15	0	1	0.0000	0.0000	0.0000	19	0	0	0	0	0
	0										
19	0	2	1.0500	0.0000	0.0000	19	0	0	0	0	0
	0										
50	0	3	2.5400	0.0000	0.0000	19	0	0	0	0	0
	0										
81	0	4	4.0500	0.0000	0.0000	19	0	0	0	0	0
	0										
104	0	5	5.2000	0.0000	0.0000	19	0	0	0	0	0
	0										
25	0	6	0.0000	0.5200	0.0000	19	0	0	0	0	0
	0										
21	0	7	1.0500	0.5200	0.0000	19	0	0	0	0	0
	0										
52	0	8	2.5400	0.5200	0.0000	19	0	0	0	0	0
	0										
83	0	9	4.0500	0.5200	0.0000	19	0	0	0	0	0
	0										

106	0	10	5.2000	0.5200	0.0000	19	0	0	0	0	0
	0										
149	0	11	0.0000	2.0200	0.0000	19	0	0	0	0	0
	0										
145	0	12	1.0500	2.0200	0.0000	19	0	0	0	0	0
	0										
196	0	13	2.5400	2.0200	0.0000	19	0	0	0	0	0
	0										
243	0	14	4.0500	2.0200	0.0000	19	0	0	0	0	0
	0										
278	0	15	5.2000	2.0200	0.0000	19	0	0	0	0	0
	0										
321	0	16	0.0000	3.5200	0.0000	19	0	0	0	0	0
	0										
317	0	17	1.0500	3.5200	0.0000	19	0	0	0	0	0
	0										
368	0	18	2.5400	3.5200	0.0000	19	0	0	0	0	0
	0										
415	0	19	4.0500	3.5200	0.0000	19	0	0	0	0	0
	0										
450	0	20	5.2000	3.5200	0.0000	19	0	0	0	0	0
	0										
469	0	21	0.0000	3.7800	0.0000	19	0	0	0	0	0
	0										
465	0	22	1.0500	3.7800	0.0000	19	0	0	0	0	0
	0										
484	0	23	2.5400	3.7800	0.0000	19	0	0	0	0	0
	0										
503	0	24	4.0500	3.7800	0.0000	19	0	0	0	0	0
	0										
518	0	25	5.2000	3.7800	0.0000	19	0	0	0	0	0
	0										
537	0	26	0.0000	4.0400	0.0000	19	0	0	0	0	0
	0										
533	0	27	1.0500	4.0400	0.0000	19	0	0	0	0	0
	0										
552	0	28	2.5400	4.0400	0.0000	19	0	0	0	0	0
	0										
571	0	29	4.0500	4.0400	0.0000	19	0	0	0	0	0
	0										
586	0	30	5.2000	4.0400	0.0000	19	0	0	0	0	0
	0										
629	0	31	0.0000	5.5400	0.0000	19	0	0	0	0	0
	0										
625	0	32	1.0500	5.5400	0.0000	19	0	0	0	0	0
	0										
676	0	33	2.5400	5.5400	0.0000	19	0	0	0	0	0
	0										
723	0	34	4.0500	5.5400	0.0000	19	0	0	0	0	0
	0										
758	0	35	5.2000	5.5400	0.0000	19	0	0	0	0	0
	0										
801	0	36	0.0000	7.0400	0.0000	19	0	0	0	0	0
	0										
797	0	37	1.0500	7.0400	0.0000	19	0	0	0	0	0
	0										
848	0	38	2.5400	7.0400	0.0000	19	0	0	0	0	0
	0										
895	0	39	4.0500	7.0400	0.0000	19	0	0	0	0	0
	0										
930	0	40	5.2000	7.0400	0.0000	19	0	0	0	0	0
	0										
949	0	41	0.0000	7.3000	0.0000	19	0	0	0	0	0
	0										
945	0	42	1.0500	7.3000	0.0000	19	0	0	0	0	0
	0										
964	0	43	2.5400	7.3000	0.0000	19	0	0	0	0	0
	0										
983	0	44	4.0500	7.3000	0.0000	19	0	0	0	0	0
	0										
998	0	45	5.2000	7.3000	0.0000	19	0	0	0	0	0
	0										
1017	0	46	0.0000	7.5600	0.0000	19	0	0	0	0	0
	0										
1013	0	47	1.0500	7.5600	0.0000	19	0	0	0	0	0
	0										
1032	0	48	2.5400	7.5600	0.0000	19	0	0	0	0	0
	0										
1051	0	49	4.0500	7.5600	0.0000	19	0	0	0	0	0
	0										
1066	0	50	5.2000	7.5600	0.0000	19	0	0	0	0	0
	0										
1109	0	51	0.0000	9.0600	0.0000	19	0	0	0	0	0

1105	0	52	1.0500	9.0600	0.0000	19	0	0	0	0	0
	0										
1156	0	53	2.5400	9.0600	0.0000	19	0	0	0	0	0
	0										
1203	0	54	4.0500	9.0600	0.0000	19	0	0	0	0	0
	0										
1238	0	55	5.2000	9.0600	0.0000	19	0	0	0	0	0
	0										
1281	0	56	0.0000	10.5600	0.0000	19	0	0	0	0	0
	0										
1277	0	57	1.0500	10.5600	0.0000	19	0	0	0	0	0
	0										
1328	0	58	2.5400	10.5600	0.0000	19	0	0	0	0	0
	0										
1375	0	59	4.0500	10.5600	0.0000	19	0	0	0	0	0
	0										
1410	0	60	5.2000	10.5600	0.0000	19	0	0	0	0	0
	0										
1429	0	61	0.0000	10.8200	0.0000	19	0	0	0	0	0
	0										
1425	0	62	1.0500	10.8200	0.0000	19	0	0	0	0	0
	0										
1444	0	63	2.5400	10.8200	0.0000	19	0	0	0	0	0
	0										
1463	0	64	4.0500	10.8200	0.0000	19	0	0	0	0	0
	0										
1478	0	65	5.2000	10.8200	0.0000	19	0	0	0	0	0
	0										
1497	0	66	0.0000	11.0800	0.0000	19	0	0	0	0	0
	0										
1493	0	67	1.0500	11.0800	0.0000	19	0	0	0	0	0
	0										
1512	0	68	2.5400	11.0800	0.0000	19	0	0	0	0	0
	0										
1531	0	69	4.0500	11.0800	0.0000	19	0	0	0	0	0
	0										
1546	0	70	5.2000	11.0800	0.0000	19	0	0	0	0	0
	0										
1589	0	71	0.0000	12.5800	0.0000	19	0	0	0	0	0
	0										
1585	0	72	1.0500	12.5800	0.0000	19	0	0	0	0	0
	0										
1636	0	73	2.5400	12.5800	0.0000	19	0	0	0	0	0
	0										
1683	0	74	4.0500	12.5800	0.0000	19	0	0	0	0	0
	0										
1718	0	75	5.2000	12.5800	0.0000	19	0	0	0	0	0
	0										
1761	0	76	0.0000	14.0800	0.0000	19	0	0	0	0	0
	0										
1757	0	77	1.0500	14.0800	0.0000	19	0	0	0	0	0
	0										
1808	0	78	2.5400	14.0800	0.0000	19	0	0	0	0	0
	0										
1855	0	79	4.0500	14.0800	0.0000	19	0	0	0	0	0
	0										
1890	0	80	5.2000	14.0800	0.0000	19	0	0	0	0	0
	0										
1921	0	81	0.0000	14.9200	0.0000	19	0	0	0	0	0
	0										
1917	0	82	1.0500	14.9200	0.0000	19	0	0	0	0	0
	0										
1952	0	83	2.5400	14.9200	0.0000	19	0	0	0	0	0
	0										
1985	0	84	4.0500	14.9200	0.0000	19	0	0	0	0	0
	0										
2010	0	85	5.2000	14.9200	0.0000	19	0	0	0	0	0
	0										
400	1	1	0.0000	0.0000	1.6000	19	0	0	0	0	0
	0										
326	1	2	1.0500	0.0000	1.6000	19	0	0	0	0	0
	0										
332	1	3	2.5400	0.0000	1.6000	19	0	0	0	0	0
	0										
483	1	4	4.0500	0.0000	1.6000	19	0	0	0	0	0
	0										
49	1	5	5.2000	0.0000	1.6000	19	0	0	0	0	0
	0										
259	1	6	0.0000	0.5200	1.6000	19	0	0	0	0	0
	0										
40	1	10	5.2000	0.5200	1.6000	19	0	0	0	0	0
	0										

2370	1	11	0.0000	2.0200	1.6000	19	0	0	0	0	0
	0										
106	1	15	5.2000	2.0200	1.6000	19	0	0	0	0	0
	0										
2288	1	16	0.0000	3.5200	1.6000	19	0	0	0	0	0
	0										
118	1	20	5.2000	3.5200	1.6000	19	0	0	0	0	0
	0										
2275	1	21	0.0000	3.7800	1.6000	19	0	0	0	0	0
	0										
136	1	25	5.2000	3.7800	1.6000	19	0	0	0	0	0
	0										
2319	1	26	0.0000	4.0400	1.6000	19	0	0	0	0	0
	0										
127	1	30	5.2000	4.0400	1.6000	19	0	0	0	0	0
	0										
2396	1	31	0.0000	5.5400	1.6000	19	0	0	0	0	0
	0										
726	1	35	5.2000	5.5400	1.6000	19	0	0	0	0	0
	0										
858	1	36	0.0000	7.0400	1.6000	19	0	0	0	0	0
	0										
744	1	40	5.2000	7.0400	1.6000	19	0	0	0	0	0
	0										
845	1	41	0.0000	7.3000	1.6000	19	0	0	0	0	0
	0										
762	1	45	5.2000	7.3000	1.6000	19	0	0	0	0	0
	0										
889	1	46	0.0000	7.5600	1.6000	19	0	0	0	0	0
	0										
753	1	50	5.2000	7.5600	1.6000	19	0	0	0	0	0
	0										
2029	1	51	0.0000	9.0600	1.6000	19	0	0	0	0	0
	0										
1073	1	55	5.2000	9.0600	1.6000	19	0	0	0	0	0
	0										
1205	1	56	0.0000	10.5600	1.6000	19	0	0	0	0	0
	0										
1091	1	60	5.2000	10.5600	1.6000	19	0	0	0	0	0
	0										
1192	1	61	0.0000	10.8200	1.6000	19	0	0	0	0	0
	0										
1109	1	65	5.2000	10.8200	1.6000	19	0	0	0	0	0
	0										
1236	1	66	0.0000	11.0800	1.6000	19	0	0	0	0	0
	0										
1100	1	70	5.2000	11.0800	1.6000	19	0	0	0	0	0
	0										
1848	1	71	0.0000	12.5800	1.6000	19	0	0	0	0	0
	0										
1667	1	75	5.2000	12.5800	1.6000	19	0	0	0	0	0
	0										
1505	1	76	0.0000	14.0800	1.6000	19	0	0	0	0	0
	0										
1685	1	80	5.2000	14.0800	1.6000	19	0	0	0	0	0
	0										
1542	1	81	0.0000	14.9200	1.6000	19	0	0	0	0	0
	0										
1423	1	82	1.0500	14.9200	1.6000	19	0	0	0	0	0
	0										
1805	1	83	2.5400	14.9200	1.6000	19	0	0	0	0	0
	0										
1590	1	84	4.0500	14.9200	1.6000	19	0	0	0	0	0
	0										
1734	1	85	5.2000	14.9200	1.6000	19	0	0	0	0	0
	0										

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Famiglia Cmb. 1) Fondamentale

Nodo						Min.							Max.				
Nodo [°]	Piano rot z [°]	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
FEM																	
15	0	1	0.0000	0.0000	0.0000	1	-3.83μ	-7.16μ	-1.70m	0.001	-0.001	0	-3.83μ	-7.16μ	-1.70m	0.001	-
0.001	0																
19	0	2	1.0500	0.0000	0.0000	1	-2.29μ	-15.2μ	-1.69m	0.002	0	0	-2.29μ	-15.2μ	-1.69m	0.002	
	0	0															
50	0	3	2.5400	0.0000	0.0000	1	-94.4n	-21.1μ	-1.69m	0.003	0	0	-94.4n	-21.1μ	-1.69m	0.003	
	0	0															
81	0	4	4.0500	0.0000	0.0000	1	2.11μ	-15.9μ	-1.69m	0.003	0	0	2.11μ	-15.9μ	-1.69m	0.003	

104	0	0				1	3.79μ	-7.16μ	-1.70m	0.001	0.001	0	3.79μ	-7.16μ	-1.70m	0.001	
	0.001	0	5	5.2000	0.0000												
25	0	6	0.0000	0.5200	0.0000	1	-7.53μ	-6.48μ	-1.69m	0.001	-0.001	0.001	-7.53μ	-6.48μ	-1.69m	0.001	-
0.001	0.001																
21	0	7	1.0500	0.5200	0.0000	1	-5.75μ	-13.9μ	-1.67m	0.002	-0.001	0	-5.75μ	-13.9μ	-1.67m	0.002	-
0.001	0																
52	0	8	2.5400	0.5200	0.0000	1	-0.24μ	-18.5μ	-1.66m	0.003	0	0	-0.24μ	-18.5μ	-1.66m	0.003	
	0	0															
83	0	9	4.0500	0.5200	0.0000	1	5.40μ	-14.5μ	-1.67m	0.002	0.001	0	5.40μ	-14.5μ	-1.67m	0.002	
	0.001	0															
106	0	10	5.2000	0.5200	0.0000	1	7.52μ	-6.48μ	-1.69m	0.001	0.001	-0.001	7.52μ	-6.48μ	-1.69m	0.001	
	0.001	-0.001															
149	0	11	0.0000	2.0200	0.0000	1	-18.9μ	-4.49μ	-1.67m	0.001	-0.003	0	-18.9μ	-4.49μ	-1.67m	0.001	-
0.003	0																
145	0	12	1.0500	2.0200	0.0000	1	-12.1μ	-8.88μ	-1.62m	0.001	-0.002	0	-12.1μ	-8.88μ	-1.62m	0.001	-
0.002	0																
196	0	13	2.5400	2.0200	0.0000	1	-0.49μ	-11.2μ	-1.59m	0.002	0	0	-0.49μ	-11.2μ	-1.59m	0.002	
	0	0															
243	0	14	4.0500	2.0200	0.0000	1	11.4μ	-9.17μ	-1.62m	0.002	0.002	0	11.4μ	-9.17μ	-1.62m	0.002	
	0.002	0															
278	0	15	5.2000	2.0200	0.0000	1	18.9μ	-4.49μ	-1.67m	0.001	0.003	0	18.9μ	-4.49μ	-1.67m	0.001	
	0.003	0															
321	0	16	0.0000	3.5200	0.0000	1	-24.1μ	-2.96μ	-1.65m	0	-0.004	0	-24.1μ	-2.96μ	-1.65m	0	-
0.004	0																
317	0	17	1.0500	3.5200	0.0000	1	-15.3μ	-4.77μ	-1.59m	0.001	-0.003	0	-15.3μ	-4.77μ	-1.59m	0.001	-
0.003	0																
368	0	18	2.5400	3.5200	0.0000	1	-0.61μ	-5.82μ	-1.56m	0.001	0	0	-0.61μ	-5.82μ	-1.56m	0.001	
	0	0															
415	0	19	4.0500	3.5200	0.0000	1	14.4μ	-4.90μ	-1.59m	0.001	0.002	0	14.4μ	-4.90μ	-1.59m	0.001	
	0.002	0															
450	0	20	5.2000	3.5200	0.0000	1	24.0μ	-2.96μ	-1.65m	0	0.004	0	24.0μ	-2.96μ	-1.65m	0	
	0.004	0															
469	0	21	0.0000	3.7800	0.0000	1	-24.5μ	-2.72μ	-1.65m	0	-0.004	0	-24.5μ	-2.72μ	-1.65m	0	-
0.004	0																
465	0	22	1.0500	3.7800	0.0000	1	-15.6μ	-4.23μ	-1.59m	0.001	-0.003	0	-15.6μ	-4.23μ	-1.59m	0.001	-
0.003	0																
484	0	23	2.5400	3.7800	0.0000	1	-0.62μ	-5.11μ	-1.56m	0.001	0	0	-0.62μ	-5.11μ	-1.56m	0.001	
	0	0															
503	0	24	4.0500	3.7800	0.0000	1	14.7μ	-4.34μ	-1.59m	0.001	0.002	0	14.7μ	-4.34μ	-1.59m	0.001	
	0.002	0															
518	0	25	5.2000	3.7800	0.0000	1	24.5μ	-2.72μ	-1.65m	0	0.004	0	24.5μ	-2.72μ	-1.65m	0	
	0.004	0															
537	0	26	0.0000	4.0400	0.0000	1	-24.9μ	-2.48μ	-1.65m	0	-0.004	0	-24.9μ	-2.48μ	-1.65m	0	-
0.004	0																
533	0	27	1.0500	4.0400	0.0000	1	-15.9μ	-3.73μ	-1.59m	0.001	-0.003	0	-15.9μ	-3.73μ	-1.59m	0.001	-
0.003	0																
552	0	28	2.5400	4.0400	0.0000	1	-0.63μ	-4.48μ	-1.55m	0.001	0	0	-0.63μ	-4.48μ	-1.55m	0.001	
	0	0															
571	0	29	4.0500	4.0400	0.0000	1	14.9μ	-3.82μ	-1.58m	0.001	0.002	0	14.9μ	-3.82μ	-1.58m	0.001	
	0.002	0															
586	0	30	5.2000	4.0400	0.0000	1	24.9μ	-2.48μ	-1.65m	0	0.004	0	24.9μ	-2.48μ	-1.65m	0	
	0.004	0															
629	0	31	0.0000	5.5400	0.0000	1	-26.2μ	-1.27μ	-1.64m	0	-0.004	0	-26.2μ	-1.27μ	-1.64m	0	-
0.004	0																
625	0	32	1.0500	5.5400	0.0000	1	-16.8μ	-1.63μ	-1.58m	0	-0.003	0	-16.8μ	-1.63μ	-1.58m	0	-
0.003	0																
676	0	33	2.5400	5.5400	0.0000	1	-0.67μ	-1.85μ	-1.54m	0	0	0	-0.67μ	-1.85μ	-1.54m	0	
	0	0															
723	0	34	4.0500	5.5400	0.0000	1	15.7μ	-1.66μ	-1.57m	0	0.003	0	15.7μ	-1.66μ	-1.57m	0	
	0.003	0															
758	0	35	5.2000	5.5400	0.0000	1	26.2μ	-1.27μ	-1.64m	0	0.004	0	26.2μ	-1.27μ	-1.64m	0	
	0.004	0															
801	0	36	0.0000	7.0400	0.0000	1	-26.5μ	-0.26μ	-1.64m	0	-0.004	0	-26.5μ	-0.26μ	-1.64m	0	-
0.004	0																
797	0	37	1.0500	7.0400	0.0000	1	-17.0μ	-0.31μ	-1.57m	0	-0.003	0	-17.0μ	-0.31μ	-1.57m	0	-
0.003	0																
848	0	38	2.5400	7.0400	0.0000	1	-0.68μ	-0.34μ	-1.53m	0	0	0	-0.68μ	-0.34μ	-1.53m	0	
	0	0															
895	0	39	4.0500	7.0400	0.0000	1	15.9μ	-0.32μ	-1.57m	0	0.003	0	15.9μ	-0.32μ	-1.57m	0	
	0.003	0															
930	0	40	5.2000	7.0400	0.0000	1	26.5μ	-0.26μ	-1.64m	0	0.004	0	26.5μ	-0.26μ	-1.64m	0	
	0.004	0															
949	0	41	0.0000	7.3000	0.0000	1	-26.5μ	-0.10μ	-1.64m	0	-0.004	0	-26.5μ	-0.10μ	-1.64m	0	-
0.004	0																
945	0	42	1.0500	7.3000	0.0000	1	-17.0μ	-0.12μ	-1.57m	0	-0.003	0	-17.0μ	-0.12μ	-1.57m	0	-
0.003	0																
964	0	43	2.5400	7.3000	0.0000	1	-0.68μ	-0.13μ	-1.53m	0	0	0	-0.68μ	-0.13μ	-1.53m	0	
	0	0															
983	0	44	4.0500	7.3000	0.0000	1	15.9μ	-0.12μ	-1.57m	0	0.003	0	15.9μ	-0.12μ	-1.57m	0	
	0.003	0															
998	0	45	5.2000	7.3000	0.0000	1	26.5μ	-0.10μ	-1.64m	0	0.004	0	26.5μ	-0.10μ	-1.64m	0	
	0.004	0															
1017	0	46	0.0000	7.5600	0.0000	1	-26.5μ	62.6n	-1.64m	0	-0.004	0	-26.5μ	62.6n	-1.64m	0	-
0.004	0																
1013	0	47	1.0500	7.5600	0.0000	1	-17.0μ	73.9n	-1.57m	0	-0.003	0	-17.0μ	73.9n	-1.57m	0	-
0.003	0																
1032	0	48	2.5400	7.5600	0.0000	1	-0.68μ	81.2n	-1.53m	0	0	0	-0.68μ	81.2n	-1.53m	0	
	0	0															
1051	0	49	4.0500	7.5600	0.0000	1	15.9μ	74.8n	-1.57m	0	0.003	0	15.9μ	74.8n	-1.57m	0	
	0.003	0															
1066	0	50	5.2000	7.5600	0.0000	1	26.5μ	62.6n	-1.64m	0	0.004	0	26.5μ	62.6n	-1.64m	0	
	0.004	0															
1109	0	51	0.0000	9.0600	0.0000	1	-26.3μ	1.05μ	-1.64m	0	-0.004	0	-26.3μ	1.05μ	-1.64m	0	-
0.004	0																
1105	0	52	1.0500	9.0600	0.0000	1	-16.8μ	1.30μ	-1.57m	0	-0.003	0	-16.8μ	1.30μ	-1.57m	0	-

0.003	0															
1156	0	53	2.5400	9.0600	0.0000	1	-0.67μ	1.47μ	-1.54m	0	0	0	-0.67μ	1.47μ	-1.54m	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	1	15.8μ	1.32μ	-1.57m	0	0.003	0	15.8μ	1.32μ	-1.57m	0
	0.003	0														
1238	0	55	5.2000	9.0600	0.0000	1	26.3μ	1.05μ	-1.64m	0	0.004	0	26.3μ	1.05μ	-1.64m	0
	0.004	0														
1281	0	56	0.0000	10.5600	0.0000	1	-25.3μ	2.20μ	-1.65m	0	-0.004	0	-25.3μ	2.20μ	-1.65m	0
0.004	0															-
1277	0	57	1.0500	10.5600	0.0000	1	-16.2μ	3.18μ	-1.58m	-0.001	-0.003	0	-16.2μ	3.18μ	-1.58m	-0.001
0.003	0															-
1328	0	58	2.5400	10.5600	0.0000	1	-0.65μ	3.78μ	-1.55m	-0.001	0	0	-0.65μ	3.78μ	-1.55m	-0.001
	0	0														
1375	0	59	4.0500	10.5600	0.0000	1	15.2μ	3.26μ	-1.58m	-0.001	0.002	0	15.2μ	3.26μ	-1.58m	-0.001
	0.002	0														
1410	0	60	5.2000	10.5600	0.0000	1	25.3μ	2.20μ	-1.65m	0	0.004	0	25.3μ	2.20μ	-1.65m	0
	0.004	0														
1429	0	61	0.0000	10.8200	0.0000	1	-25.0μ	2.43μ	-1.65m	0	-0.004	0	-25.0μ	2.43μ	-1.65m	0
0.004	0															-
1425	0	62	1.0500	10.8200	0.0000	1	-16.0μ	3.63μ	-1.59m	-0.001	-0.003	0	-16.0μ	3.63μ	-1.59m	-0.001
0.003	0															-
1444	0	63	2.5400	10.8200	0.0000	1	-0.64μ	4.34μ	-1.55m	-0.001	0	0	-0.64μ	4.34μ	-1.55m	-0.001
	0	0														
1463	0	64	4.0500	10.8200	0.0000	1	15.0μ	3.71μ	-1.58m	-0.001	0.002	0	15.0μ	3.71μ	-1.58m	-0.001
	0.002	0														
1478	0	65	5.2000	10.8200	0.0000	1	25.0μ	2.43μ	-1.65m	0	0.004	0	25.0μ	2.43μ	-1.65m	0
	0.004	0														
1497	0	66	0.0000	11.0800	0.0000	1	-24.6μ	2.66μ	-1.65m	0	-0.004	0	-24.6μ	2.66μ	-1.65m	0
0.004	0															-
1493	0	67	1.0500	11.0800	0.0000	1	-15.7μ	4.11μ	-1.59m	-0.001	-0.003	0	-15.7μ	4.11μ	-1.59m	-0.001
0.003	0															-
1512	0	68	2.5400	11.0800	0.0000	1	-0.63μ	4.96μ	-1.55m	-0.001	0	0	-0.63μ	4.96μ	-1.55m	-0.001
	0	0														
1531	0	69	4.0500	11.0800	0.0000	1	14.7μ	4.21μ	-1.58m	-0.001	0.002	0	14.7μ	4.21μ	-1.58m	-0.001
	0.002	0														
1546	0	70	5.2000	11.0800	0.0000	1	24.6μ	2.66μ	-1.65m	0	0.004	0	24.6μ	2.66μ	-1.65m	0
	0.004	0														
1589	0	71	0.0000	12.5800	0.0000	1	-20.4μ	4.15μ	-1.67m	-0.001	-0.003	0	-20.4μ	4.15μ	-1.67m	-0.001
0.003	0															-
1585	0	72	1.0500	12.5800	0.0000	1	-13.0μ	7.86μ	-1.61m	-0.001	-0.002	0	-13.0μ	7.86μ	-1.61m	-0.001
0.002	0															-
1636	0	73	2.5400	12.5800	0.0000	1	-0.52μ	9.88μ	-1.59m	-0.002	0	0	-0.52μ	9.88μ	-1.59m	-0.002
	0	0														
1683	0	74	4.0500	12.5800	0.0000	1	12.2μ	8.11μ	-1.61m	-0.001	0.002	0	12.2μ	8.11μ	-1.61m	-0.001
	0.002	0														
1718	0	75	5.2000	12.5800	0.0000	1	20.4μ	4.15μ	-1.66m	-0.001	0.003	0	20.4μ	4.15μ	-1.66m	-0.001
	0.003	0														
1761	0	76	0.0000	14.0800	0.0000	1	-10.5μ	5.95μ	-1.69m	-0.001	-0.002	-0.001	-10.5μ	5.95μ	-1.69m	-0.001
0.002	-0.001															-
1757	0	77	1.0500	14.0800	0.0000	1	-7.45μ	13.0μ	-1.66m	-0.002	-0.001	0	-7.45μ	13.0μ	-1.66m	-0.002
0.001	0															-
1808	0	78	2.5400	14.0800	0.0000	1	-0.31μ	16.9μ	-1.64m	-0.003	0	0	-0.31μ	16.9μ	-1.64m	-0.003
	0	0														
1855	0	79	4.0500	14.0800	0.0000	1	7.01μ	13.4μ	-1.66m	-0.002	0.001	0	7.01μ	13.4μ	-1.66m	-0.002
	0.001	0														
1890	0	80	5.2000	14.0800	0.0000	1	10.5μ	5.95μ	-1.69m	-0.001	0.002	0.001	10.5μ	5.95μ	-1.69m	-0.001
	0.002	0.001														
1921	0	81	0.0000	14.9200	0.0000	1	-3.83μ	7.23μ	-1.70m	-0.001	-0.001	0	-3.83μ	7.23μ	-1.70m	-0.001
0.001	0															-
1917	0	82	1.0500	14.9200	0.0000	1	-2.28μ	15.2μ	-1.69m	-0.002	0	0	-2.28μ	15.2μ	-1.69m	-0.002
	0	0														
1952	0	83	2.5400	14.9200	0.0000	1	-94.0n	21.1μ	-1.69m	-0.003	0	0	-94.0n	21.1μ	-1.69m	-0.003
	0	0														
1985	0	84	4.0500	14.9200	0.0000	1	2.09μ	15.9μ	-1.69m	-0.003	0	0	2.09μ	15.9μ	-1.69m	-0.003
	0	0														
2010	0	85	5.2000	14.9200	0.0000	1	3.80μ	7.23μ	-1.70m	-0.001	0.001	0	3.80μ	7.23μ	-1.70m	-0.001
	0.001	0														
400	1	1	0.0000	0.0000	1.6000	1	-11.8μ	-31.0μ	-1.70m	0.001	0	0	-11.8μ	-31.0μ	-1.70m	0.001
	0	0														
326	1	2	1.0500	0.0000	1.6000	1	-8.70μ	-79.3μ	-1.70m	0.002	0	-0.004	-8.70μ	-79.3μ	-1.70m	0.002
	0	-0.004														
332	1	3	2.5400	0.0000	1.6000	1	-0.41μ	-0.14m	-1.69m	0.004	0	0	-0.41μ	-0.14m	-1.69m	0.004
	0	0														
483	1	4	4.0500	0.0000	1.6000	1	8.18μ	-85.6μ	-1.69m	0.002	0	0.004	8.18μ	-85.6μ	-1.69m	0.002
	0	0.004														
49	1	5	5.2000	0.0000	1.6000	1	11.7μ	-31.0μ	-1.70m	0.001	0	0	11.7μ	-31.0μ	-1.70m	0.001
	0	0														
259	1	6	0.0000	0.5200	1.6000	1	-33.2μ	-30.1μ	-1.69m	0	-0.001	0.004	-33.2μ	-30.1μ	-1.69m	0
0.001	0.004															-
40	1	10	5.2000	0.5200	1.6000	1	33.1μ	-30.1μ	-1.69m	0	0.001	-0.004	33.1μ	-30.1μ	-1.69m	0
	0.001	-0.004														
2370	1	11	0.0000	2.0200	1.6000	1	-0.14m	-24.5μ	-1.67m	0	-0.005	0.003	-0.14m	-24.5μ	-1.67m	0
0.005	0.003															-
106	1	15	5.2000	2.0200	1.6000	1	0.14m	-24.5μ	-1.67m	0	0.005	-0.003	0.14m	-24.5μ	-1.67m	0
	0.005	-0.003														
2288	1	16	0.0000	3.5200	1.6000	1	-0.20m	-17.0μ	-1.66m	0	-0.007	0.001	-0.20m	-17.0μ	-1.66m	0
0.007	0.001															-
118	1	20	5.2000	3.5200	1.6000	1	0.20m	-17.1μ	-1.66m	0	0.007	-0.001	0.20m	-17.1μ	-1.66m	0
	0.007	-0.001														
2275	1	21	0.0000	3.7800	1.6000	1	-0.21m	-15.8μ	-1.65m	0	-0.007	0.001	-0.21m	-15.8μ	-1.65m	0
0.007	0.001															

[illegible]

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– **Spostamenti Nodi. Famiglia Cmb. 2) Rara.**

Nodo						Min.							Max.				
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
[°]	rot z [°]																
FEM																	
15	0	1	0.0000	0.0000	0.0000	2	-2.95μ	-5.51μ	-1.31m	0.001	0	0	-2.95μ	-5.51μ	-1.31m	0.001	
	0	0															
19	0	2	1.0500	0.0000	0.0000	2	-1.76μ	-11.7μ	-1.30m	0.002	0	0	-1.76μ	-11.7μ	-1.30m	0.002	
	0	0															
50	0	3	2.5400	0.0000	0.0000	2	-72.6n	-16.3μ	-1.30m	0.003	0	0	-72.6n	-16.3μ	-1.30m	0.003	
	0	0															
81	0	4	4.0500	0.0000	0.0000	2	1.62μ	-12.2μ	-1.30m	0.002	0	0	1.62μ	-12.2μ	-1.30m	0.002	
	0	0															
104	0	5	5.2000	0.0000	0.0000	2	2.92μ	-5.51μ	-1.31m	0.001	0	0	2.92μ	-5.51μ	-1.31m	0.001	
	0	0															
25	0	6	0.0000	0.5200	0.0000	2	-5.79μ	-4.98μ	-1.30m	0.001	-0.001	0	-5.79μ	-4.98μ	-1.30m	0.001	-
0.001	0																
21	0	7	1.0500	0.5200	0.0000	2	-4.42μ	-10.7μ	-1.29m	0.002	-0.001	0	-4.42μ	-10.7μ	-1.29m	0.002	-
0.001	0																
52	0	8	2.5400	0.5200	0.0000	2	-0.18μ	-14.3μ	-1.28m	0.002	0	0	-0.18μ	-14.3μ	-1.28m	0.002	
	0	0															
83	0	9	4.0500	0.5200	0.0000	2	4.15μ	-11.1μ	-1.28m	0.002	0.001	0	4.15μ	-11.1μ	-1.28m	0.002	
	0.001	0															
106	0	10	5.2000	0.5200	0.0000	2	5.78μ	-4.99μ	-1.30m	0.001	0.001	0	5.78μ	-4.99μ	-1.30m	0.001	
	0.001	0															
149	0	11	0.0000	2.0200	0.0000	2	-14.5μ	-3.45μ	-1.28m	0.001	-0.002	0	-14.5μ	-3.45μ	-1.28m	0.001	-
0.002	0																
145	0	12	1.0500	2.0200	0.0000	2	-9.33μ	-6.83μ	-1.25m	0.001	-0.002	0	-9.33μ	-6.83μ	-1.25m	0.001	-
0.002	0																
196	0	13	2.5400	2.0200	0.0000	2	-0.38μ	-8.64μ	-1.23m	0.001	0	0	-0.38μ	-8.64μ	-1.23m	0.001	
	0	0															
243	0	14	4.0500	2.0200	0.0000	2	8.75μ	-7.06μ	-1.25m	0.001	0.001	0	8.75μ	-7.06μ	-1.25m	0.001	
	0.001	0															
278	0	15	5.2000	2.0200	0.0000	2	14.5μ	-3.45μ	-1.28m	0.001	0.002	0	14.5μ	-3.45μ	-1.28m	0.001	
	0.002	0															
321	0	16	0.0000	3.5200	0.0000	2	-18.5μ	-2.28μ	-1.27m	0	-0.003	0	-18.5μ	-2.28μ	-1.27m	0	-
0.003	0																
317	0	17	1.0500	3.5200	0.0000	2	-11.8μ	-3.67μ	-1.23m	0.001	-0.002	0	-11.8μ	-3.67μ	-1.23m	0.001	

0.002	0															
368	0	18	2.5400	3.5200	0.0000	2	-0.47μ	-4.47μ	-1.20m	0.001	0	0	-0.47μ	-4.47μ	-1.20m	0.001
	0	0														
415	0	19	4.0500	3.5200	0.0000	2	11.1μ	-3.77μ	-1.22m	0.001	0.002	0	11.1μ	-3.77μ	-1.22m	0.001
	0.002	0														
450	0	20	5.2000	3.5200	0.0000	2	18.5μ	-2.28μ	-1.27m	0	0.003	0	18.5μ	-2.28μ	-1.27m	0
	0.003	0														
469	0	21	0.0000	3.7800	0.0000	2	-18.9μ	-2.09μ	-1.27m	0	-0.003	0	-18.9μ	-2.09μ	-1.27m	0
	0															-
0.003	0															
465	0	22	1.0500	3.7800	0.0000	2	-12.0μ	-3.25μ	-1.22m	0.001	-0.002	0	-12.0μ	-3.25μ	-1.22m	0.001
	0															-
0.002	0															
484	0	23	2.5400	3.7800	0.0000	2	-0.48μ	-3.93μ	-1.20m	0.001	0	0	-0.48μ	-3.93μ	-1.20m	0.001
	0	0														
503	0	24	4.0500	3.7800	0.0000	2	11.3μ	-3.33μ	-1.22m	0.001	0.002	0	11.3μ	-3.33μ	-1.22m	0.001
	0.002	0														
518	0	25	5.2000	3.7800	0.0000	2	18.9μ	-2.09μ	-1.27m	0	0.003	0	18.9μ	-2.09μ	-1.27m	0
	0.003	0														
537	0	26	0.0000	4.0400	0.0000	2	-19.2μ	-1.91μ	-1.27m	0	-0.003	0	-19.2μ	-1.91μ	-1.27m	0
	0.003	0														-
0.003	0															
533	0	27	1.0500	4.0400	0.0000	2	-12.2μ	-2.87μ	-1.22m	0	-0.002	0	-12.2μ	-2.87μ	-1.22m	0
	0															-
0.002	0															
552	0	28	2.5400	4.0400	0.0000	2	-0.49μ	-3.44μ	-1.19m	0.001	0	0	-0.49μ	-3.44μ	-1.19m	0.001
	0	0														
571	0	29	4.0500	4.0400	0.0000	2	11.5μ	-2.94μ	-1.22m	0	0.002	0	11.5μ	-2.94μ	-1.22m	0
	0.002	0														
586	0	30	5.2000	4.0400	0.0000	2	19.2μ	-1.91μ	-1.27m	0	0.003	0	19.2μ	-1.91μ	-1.27m	0
	0.003	0														
629	0	31	0.0000	5.5400	0.0000	2	-20.1μ	-0.98μ	-1.26m	0	-0.003	0	-20.1μ	-0.98μ	-1.26m	0
	0.003	0														-
0.003	0															
625	0	32	1.0500	5.5400	0.0000	2	-12.9μ	-1.25μ	-1.21m	0	-0.002	0	-12.9μ	-1.25μ	-1.21m	0
	0.002	0														-
0.002	0															
676	0	33	2.5400	5.5400	0.0000	2	-0.51μ	-1.42μ	-1.18m	0	0	0	-0.51μ	-1.42μ	-1.18m	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	2	12.1μ	-1.27μ	-1.21m	0	0.002	0	12.1μ	-1.27μ	-1.21m	0
	0.002	0														
758	0	35	5.2000	5.5400	0.0000	2	20.1μ	-0.98μ	-1.26m	0	0.003	0	20.1μ	-0.98μ	-1.26m	0
	0.003	0														
801	0	36	0.0000	7.0400	0.0000	2	-20.4μ	-0.20μ	-1.26m	0	-0.003	0	-20.4μ	-0.20μ	-1.26m	0
	0.003	0														-
0.003	0															
797	0	37	1.0500	7.0400	0.0000	2	-13.1μ	-0.24μ	-1.21m	0	-0.002	0	-13.1μ	-0.24μ	-1.21m	0
	0.002	0														-
0.002	0															
848	0	38	2.5400	7.0400	0.0000	2	-0.52μ	-0.26μ	-1.18m	0	0	0	-0.52μ	-0.26μ	-1.18m	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	2	12.2μ	-0.24μ	-1.21m	0	0.002	0	12.2μ	-0.24μ	-1.21m	0
	0.002	0														
930	0	40	5.2000	7.0400	0.0000	2	20.4μ	-0.20μ	-1.26m	0	0.003	0	20.4μ	-0.20μ	-1.26m	0
	0.003	0														
949	0	41	0.0000	7.3000	0.0000	2	-20.4μ	-77.3n	-1.26m	0	-0.003	0	-20.4μ	-77.3n	-1.26m	0
	0.003	0														-
0.003	0															
945	0	42	1.0500	7.3000	0.0000	2	-13.1μ	-91.3n	-1.21m	0	-0.002	0	-13.1μ	-91.3n	-1.21m	0
	0															-
0.002	0															
964	0	43	2.5400	7.3000	0.0000	2	-0.52μ	-0.10μ	-1.18m	0	0	0	-0.52μ	-0.10μ	-1.18m	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	2	12.3μ	-92.3n	-1.21m	0	0.002	0	12.3μ	-92.3n	-1.21m	0
	0.002	0														
998	0	45	5.2000	7.3000	0.0000	2	20.4μ	-77.3n	-1.26m	0	0.003	0	20.4μ	-77.3n	-1.26m	0
	0.003	0														
1017	0	46	0.0000	7.5600	0.0000	2	-20.4μ	48.2n	-1.26m	0	-0.003	0	-20.4μ	48.2n	-1.26m	0
	0.003	0														-
0.003	0															
1013	0	47	1.0500	7.5600	0.0000	2	-13.1μ	56.8n	-1.21m	0	-0.002	0	-13.1μ	56.8n	-1.21m	0
	0.002	0														-
0.002	0															
1032	0	48	2.5400	7.5600	0.0000	2	-0.52μ	62.5n	-1.18m	0	0	0	-0.52μ	62.5n	-1.18m	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	2	12.3μ	57.6n	-1.21m	0	0.002	0	12.3μ	57.6n	-1.21m	0
	0.002	0														
1066	0	50	5.2000	7.5600	0.0000	2	20.4μ	48.2n	-1.26m	0	0.003	0	20.4μ	48.2n	-1.26m	0
	0.003	0														
1109	0	51	0.0000	9.0600	0.0000	2	-20.2μ	0.81μ	-1.26m	0	-0.003	0	-20.2μ	0.81μ	-1.26m	0
	0.003	0														-
0.003	0															
1105	0	52	1.0500	9.0600	0.0000	2	-13.0μ	1.00μ	-1.21m	0	-0.002	0	-13.0μ	1.00μ	-1.21m	0
	0.002	0														-
0.002	0															
1156	0	53	2.5400	9.0600	0.0000	2	-0.52μ	1.13μ	-1.18m	0	0	0	-0.52μ	1.13μ	-1.18m	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	2	12.2μ	1.02μ	-1.21m	0	0.002	0	12.2μ	1.02μ	-1.21m	0
	0.002	0														
1238	0	55	5.2000	9.0600	0.0000	2	20.2μ	0.81μ	-1.26m	0	0.003	0	20.2μ	0.81μ	-1.26m	0
	0.003	0														
1281	0	56	0.0000	10.5600	0.0000	2	-19.5μ	1.70μ	-1.27m	0	-0.003	0	-19.5μ	1.70μ	-1.27m	0
	0.003	0														-
0.003	0															
1277	0	57	1.0500	10.5600	0.0000	2	-12.5μ	2.45μ	-1.22m	0	-0.002	0	-12.5μ	2.45μ	-1.22m	0
	0.002	0														-
0.002	0															
1328	0	58	2.5400	10.5600	0.0000	2	-0.50μ	2.91μ	-1.19m	0	0	0	-0.50μ	2.91μ	-1.19m	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	2	11.7μ	2.51μ	-1.21m	0	0.002	0	11.7μ	2.51μ	-1.21m	0
	0.002	0									</					

1497	0.003	0	0.0000	11.0800	0.0000	2	-19.0μ	2.05μ	-1.27m	0	-0.003	0	-19.0μ	2.05μ	-1.27m	0	-
0.003	0	66															
1493	0	67	1.0500	11.0800	0.0000	2	-12.1μ	3.16μ	-1.22m	-0.001	-0.002	0	-12.1μ	3.16μ	-1.22m	-0.001	-
0.002	0																
1512	0	68	2.5400	11.0800	0.0000	2	-0.48μ	3.82μ	-1.20m	-0.001	0	0	-0.48μ	3.82μ	-1.20m	-0.001	
0	0																
1531	0	69	4.0500	11.0800	0.0000	2	11.3μ	3.24μ	-1.22m	-0.001	0.002	0	11.3μ	3.24μ	-1.22m	-0.001	
0.002	0																
1546	0	70	5.2000	11.0800	0.0000	2	18.9μ	2.05μ	-1.27m	0	0.003	0	18.9μ	2.05μ	-1.27m	0	
0.003	0																
1589	0	71	0.0000	12.5800	0.0000	2	-15.7μ	3.19μ	-1.28m	-0.001	-0.003	0	-15.7μ	3.19μ	-1.28m	-0.001	-
0.003	0																
1585	0	72	1.0500	12.5800	0.0000	2	-10.0μ	6.05μ	-1.24m	-0.001	-0.002	0	-10.0μ	6.05μ	-1.24m	-0.001	-
0.002	0																
1636	0	73	2.5400	12.5800	0.0000	2	-0.40μ	7.60μ	-1.22m	-0.001	0	0	-0.40μ	7.60μ	-1.22m	-0.001	
0	0																
1683	0	74	4.0500	12.5800	0.0000	2	9.41μ	6.24μ	-1.24m	-0.001	0.002	0	9.41μ	6.24μ	-1.24m	-0.001	
0.002	0																
1718	0	75	5.2000	12.5800	0.0000	2	15.7μ	3.19μ	-1.28m	-0.001	0.003	0	15.7μ	3.19μ	-1.28m	-0.001	
0.003	0																
1761	0	76	0.0000	14.0800	0.0000	2	-8.07μ	4.58μ	-1.30m	-0.001	-0.001	0	-8.07μ	4.58μ	-1.30m	-0.001	-
0.001	0																
1757	0	77	1.0500	14.0800	0.0000	2	-5.73μ	9.96μ	-1.28m	-0.002	-0.001	0	-5.73μ	9.96μ	-1.28m	-0.002	-
0.001	0																
1808	0	78	2.5400	14.0800	0.0000	2	-0.24μ	13.0μ	-1.26m	-0.002	0	0	-0.24μ	13.0μ	-1.26m	-0.002	
0	0																
1855	0	79	4.0500	14.0800	0.0000	2	5.39μ	10.3μ	-1.27m	-0.002	0.001	0	5.39μ	10.3μ	-1.27m	-0.002	
0.001	0																
1890	0	80	5.2000	14.0800	0.0000	2	8.06μ	4.58μ	-1.30m	-0.001	0.001	0	8.06μ	4.58μ	-1.30m	-0.001	
0.001	0																
1921	0	81	0.0000	14.9200	0.0000	2	-2.95μ	5.56μ	-1.31m	-0.001	0	0	-2.95μ	5.56μ	-1.31m	-0.001	
0	0																
1917	0	82	1.0500	14.9200	0.0000	2	-1.75μ	11.7μ	-1.30m	-0.002	0	0	-1.75μ	11.7μ	-1.30m	-0.002	
0	0																
1952	0	83	2.5400	14.9200	0.0000	2	-72.3n	16.3μ	-1.30m	-0.003	0	0	-72.3n	16.3μ	-1.30m	-0.003	
0	0																
1985	0	84	4.0500	14.9200	0.0000	2	1.61μ	12.2μ	-1.30m	-0.002	0	0	1.61μ	12.2μ	-1.30m	-0.002	
0	0																
2010	0	85	5.2000	14.9200	0.0000	2	2.92μ	5.56μ	-1.31m	-0.001	0	0	2.92μ	5.56μ	-1.31m	-0.001	
0	0																
400	1	1	0.0000	0.0000	1.6000	2	-9.06μ	-23.9μ	-1.31m	0	0	0	-9.06μ	-23.9μ	-1.31m	0	
0	0																
326	1	2	1.0500	0.0000	1.6000	2	-6.69μ	-61.0μ	-1.30m	0.002	0	-0.003	-6.69μ	-61.0μ	-1.30m	0.002	
0	-0.003																
332	1	3	2.5400	0.0000	1.6000	2	-0.32μ	-0.10m	-1.30m	0.003	0	0	-0.32μ	-0.10m	-1.30m	0.003	
0	0																
483	1	4	4.0500	0.0000	1.6000	2	6.30μ	-65.9μ	-1.30m	0.002	0	0.003	6.30μ	-65.9μ	-1.30m	0.002	
0	0.003																
49	1	5	5.2000	0.0000	1.6000	2	9.00μ	-23.9μ	-1.31m	0	0	0	9.00μ	-23.9μ	-1.31m	0	
0	0																
259	1	6	0.0000	0.5200	1.6000	2	-25.5μ	-23.2μ	-1.30m	0	-0.001	0.003	-25.5μ	-23.2μ	-1.30m	0	-
0.001	0.003																
40	1	10	5.2000	0.5200	1.6000	2	25.5μ	-23.2μ	-1.30m	0	0.001	-0.003	25.5μ	-23.2μ	-1.30m	0	
0.001	-0.003																
2370	1	11	0.0000	2.0200	1.6000	2	-0.11m	-18.8μ	-1.29m	0	-0.004	0.003	-0.11m	-18.8μ	-1.29m	0	-
0.004	0.003																
106	1	15	5.2000	2.0200	1.6000	2	0.11m	-18.8μ	-1.29m	0	0.004	-0.003	0.11m	-18.8μ	-1.29m	0	
0.004	-0.003																
2288	1	16	0.0000	3.5200	1.6000	2	-0.16m	-13.1μ	-1.27m	0	-0.005	0.001	-0.16m	-13.1μ	-1.27m	0	-
0.005	0.001																
118	1	20	5.2000	3.5200	1.6000	2	0.16m	-13.1μ	-1.27m	0	0.005	-0.001	0.16m	-13.1μ	-1.27m	0	
0.005	-0.001																
2275	1	21	0.0000	3.7800	1.6000	2	-0.16m	-12.1μ	-1.27m	0	-0.006	0.001	-0.16m	-12.1μ	-1.27m	0	-
0.006	0.001																
136	1	25	5.2000	3.7800	1.6000	2	0.16m	-12.1μ	-1.27m	0	0.006	-0.001	0.16m	-12.1μ	-1.27m	0	
0.006	-0.001																
2319	1	26	0.0000	4.0400	1.6000	2	-0.16m	-11.2μ	-1.27m	0	-0.006	0.001	-0.16m	-11.2μ	-1.27m	0	-
0.006	0.001																
127	1	30	5.2000	4.0400	1.6000	2	0.16m	-11.2μ	-1.27m	0	0.006	-0.001	0.16m	-11.2μ	-1.27m	0	
0.006	-0.001																
2396	1	31	0.0000	5.5400	1.6000	2	-0.18m	-5.97μ	-1.26m	0	-0.006	0	-0.18m	-5.97μ	-1.26m	0	-
0.006	0																
726	1	35	5.2000	5.5400	1.6000	2	0.18m	-5.97μ	-1.26m	0	0.006	0	0.18m	-5.97μ	-1.26m	0	
0.006	0																
858	1	36	0.0000	7.0400	1.6000	2	-0.18m	-1.27μ	-1.26m	0	-0.006	0	-0.18m	-1.27μ	-1.26m	0	-
0.006	0																
744	1	40	5.2000	7.0400	1.6000	2	0.18m	-1.27μ	-1.26m	0	0.006	0	0.18m	-1.27μ	-1.26m	0	
0.006	0																
845	1	41	0.0000	7.3000	1.6000	2	-0.18m	-0.48μ	-1.26m	0	-0.006	0	-0.18m	-0.48μ	-1.26m	0	-
0.006	0																
762	1	45	5.2000	7.3000	1.6000	2	0.18m	-0.48μ	-1.26m	0	0.006	0	0.18m	-0.48μ	-1.26m	0	
0.006	0																
889	1	46	0.0000	7.5600	1.6000	2	-0.18m	0.31μ	-1.26m	0	-0.006	0	-0.18m	0.31μ	-1.26m	0	-
0.006	0																
753	1	50	5.2000	7.5600	1.6000	2	0.18m	0.31μ	-1.26m	0	0.006	0	0.18m	0.31μ	-1.26m	0	
0.006	0																
2029	1	51	0.0000	9.0600	1.6000	2	-0.18m	4.93μ	-1.26m	0	-0.006	0	-0.18m	4.93μ	-1.26m	0	-
0.006	0																
1073	1	55	5.2000	9.0600	1.6000	2	0.18m	4.94μ	-1.26m	0	0.006	0	0.18m	4.94μ	-1.26m	0	
0.006	0																
1205	1	56	0.0000	10.5600	1.6000	2	-0.17m	10.0μ	-1.27m	0	-0.006	-0.001	-0.17m	10.0μ	-1.27m	0	-
0.006	-0.001																
1091	1	60	5.2000	10.5600	1.6000	2	0.17m	10.0μ	-1.27m	0	0.006	0.001	0.17m	10.0μ	-1.27m	0	
0.006	0.001																
1192	1	61	0.0000	10.8200	1.6000	2	-0.17m	11.0μ	-1.27m	0	-0.006	-0.001	-0.17m	11.0μ	-1.27m	0	-

0.006	-0.001															
1109	1	65	5.2000	10.8200	1.6000	2	0.17m	11.0μ	-1.27m	0	0.006	0.001	0.17m	11.0μ	-1.27m	0
	0.006	0.001														
1236	1	66	0.0000	11.0800	1.6000	2	-0.16m	11.9μ	-1.27m	0	-0.006	-0.001	-0.16m	11.9μ	-1.27m	0
0.006	-0.001															-
1100	1	70	5.2000	11.0800	1.6000	2	0.16m	11.9μ	-1.27m	0	0.006	0.001	0.16m	11.9μ	-1.27m	0
	0.006	0.001														
1848	1	71	0.0000	12.5800	1.6000	2	-0.12m	17.6μ	-1.28m	0	-0.004	-0.002	-0.12m	17.6μ	-1.28m	0
0.004	-0.002															-
1667	1	75	5.2000	12.5800	1.6000	2	0.12m	17.6μ	-1.28m	0	0.004	0.002	0.12m	17.6μ	-1.28m	0
	0.004	0.002														
1505	1	76	0.0000	14.0800	1.6000	2	-43.7μ	22.5μ	-1.30m	0	-0.001	-0.003	-43.7μ	22.5μ	-1.30m	0
0.001	-0.003															-
1685	1	80	5.2000	14.0800	1.6000	2	43.6μ	22.5μ	-1.30m	0	0.001	0.003	43.6μ	22.5μ	-1.30m	0
	0.001	0.003														
1542	1	81	0.0000	14.9200	1.6000	2	-9.06μ	23.9μ	-1.31m	0	0	0	-9.06μ	23.9μ	-1.31m	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	2	-6.70μ	61.0μ	-1.30m	-0.002	0	0.003	-6.70μ	61.0μ	-1.30m	-0.002
	0	0.003														
1805	1	83	2.5400	14.9200	1.6000	2	-0.32μ	0.10m	-1.30m	-0.003	0	0	-0.32μ	0.10m	-1.30m	-0.003
	0	0														
1590	1	84	4.0500	14.9200	1.6000	2	6.30μ	65.8μ	-1.30m	-0.002	0	-0.003	6.30μ	65.8μ	-1.30m	-0.002
	0	-0.003														
1734	1	85	5.2000	14.9200	1.6000	2	9.01μ	23.9μ	-1.31m	0	0	0	9.01μ	23.9μ	-1.31m	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Famiglia Cmb. 3) Frequente

Nodo						Min.							Max.				
Nodo [°]	Piano rot z [°]	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
FEM																	
15	0	1	0.0000	0.0000	0.0000	3	-2.95μ	-5.51μ	-1.31m	0.001	0	0	-2.95μ	-5.51μ	-1.31m	0.001	
	0	0															
19	0	2	1.0500	0.0000	0.0000	3	-1.76μ	-11.7μ	-1.30m	0.002	0	0	-1.76μ	-11.7μ	-1.30m	0.002	
	0	0															
50	0	3	2.5400	0.0000	0.0000	3	-72.6n	-16.3μ	-1.30m	0.003	0	0	-72.6n	-16.3μ	-1.30m	0.003	
	0	0															
81	0	4	4.0500	0.0000	0.0000	3	1.62μ	-12.2μ	-1.30m	0.002	0	0	1.62μ	-12.2μ	-1.30m	0.002	
	0	0															
104	0	5	5.2000	0.0000	0.0000	3	2.92μ	-5.51μ	-1.31m	0.001	0	0	2.92μ	-5.51μ	-1.31m	0.001	
	0	0															
25	0	6	0.0000	0.5200	0.0000	3	-5.79μ	-4.98μ	-1.30m	0.001	-0.001	0	-5.79μ	-4.98μ	-1.30m	0.001	-
0.001	0																
21	0	7	1.0500	0.5200	0.0000	3	-4.42μ	-10.7μ	-1.29m	0.002	-0.001	0	-4.42μ	-10.7μ	-1.29m	0.002	-
0.001	0																
52	0	8	2.5400	0.5200	0.0000	3	-0.18μ	-14.3μ	-1.28m	0.002	0	0	-0.18μ	-14.3μ	-1.28m	0.002	
	0	0															
83	0	9	4.0500	0.5200	0.0000	3	4.15μ	-11.1μ	-1.28m	0.002	0.001	0	4.15μ	-11.1μ	-1.28m	0.002	
	0.001	0															
106	0	10	5.2000	0.5200	0.0000	3	5.78μ	-4.99μ	-1.30m	0.001	0.001	0	5.78μ	-4.99μ	-1.30m	0.001	
	0.001	0															
149	0	11	0.0000	2.0200	0.0000	3	-14.5μ	-3.45μ	-1.28m	0.001	-0.002	0	-14.5μ	-3.45μ	-1.28m	0.001	-
0.002	0																
145	0	12	1.0500	2.0200	0.0000	3	-9.33μ	-6.83μ	-1.25m	0.001	-0.002	0	-9.33μ	-6.83μ	-1.25m	0.001	-
0.002	0																
196	0	13	2.5400	2.0200	0.0000	3	-0.38μ	-8.64μ	-1.23m	0.001	0	0	-0.38μ	-8.64μ	-1.23m	0.001	
	0	0															
243	0	14	4.0500	2.0200	0.0000	3	8.75μ	-7.06μ	-1.25m	0.001	0.001	0	8.75μ	-7.06μ	-1.25m	0.001	
	0.001	0															
278	0	15	5.2000	2.0200	0.0000	3	14.5μ	-3.45μ	-1.28m	0.001	0.002	0	14.5μ	-3.45μ	-1.28m	0.001	
	0.002	0															
321	0	16	0.0000	3.5200	0.0000	3	-18.5μ	-2.28μ	-1.27m	0	-0.003	0	-18.5μ	-2.28μ	-1.27m	0	-
0.003	0																
317	0	17	1.0500	3.5200	0.0000	3	-11.8μ	-3.67μ	-1.23m	0.001	-0.002	0	-11.8μ	-3.67μ	-1.23m	0.001	-
0.002	0																
368	0	18	2.5400	3.5200	0.0000	3	-0.47μ	-4.47μ	-1.20m	0.001	0	0	-0.47μ	-4.47μ	-1.20m	0.001	
	0	0															
415	0	19	4.0500	3.5200	0.0000	3	11.1μ	-3.77μ	-1.22m	0.001	0.002	0	11.1μ	-3.77μ	-1.22m	0.001	
	0.002	0															
450	0	20	5.2000	3.5200	0.0000	3	18.5μ	-2.28μ	-1.27m	0	0.003	0	18.5μ	-2.28μ	-1.27m	0	
	0.003	0															
469	0	21	0.0000	3.7800	0.0000	3	-18.9μ	-2.09μ	-1.27m	0	-0.003	0	-18.9μ	-2.09μ	-1.27m	0	-
0.003	0																
465	0	22	1.0500	3.7800	0.0000	3	-12.0μ	-3.25μ	-1.22m	0.001	-0.002	0	-12.0μ	-3.25μ	-1.22m	0.001	-
0.002	0																
484	0	23	2.5400	3.7800	0.0000	3	-0.48μ	-3.93μ	-1.20m	0.001	0	0	-0.48μ	-3.93μ	-1.20m	0.001	
	0	0															
503	0	24	4.0500	3.7800	0.0000	3	11.3μ	-3.33μ	-1.22m	0.001	0.002	0	11.3μ	-3.33μ	-1.22m	0.001	
	0.002	0															
518	0	25	5.2000	3.7800	0.0000	3	18.9μ	-2.09μ	-1.27m	0	0.003	0	18.9μ	-2.09μ	-1.27m	0	
	0.003	0															
537	0	26	0.0000	4.0400	0.0000	3	-19.2μ	-1.91μ	-1.27m	0	-0.003	0	-19.2μ	-1.91μ	-1.27m	0	-
0.003	0																
533	0	27	1.0500	4.0400	0.0000	3	-12.2μ	-2.87μ	-1.22m	0	-0.002	0	-12.2μ	-2.87μ	-1.22m	0	-
0.002	0																
552	0	28	2.5400	4.0400	0.0000	3	-0.49μ	-3.44μ	-1.19m	0.001	0	0	-0.49μ	-3.44μ	-1.19m	0.001	
	0	0															
571	0	29	4.0500	4.0400	0.0000	3	11.5μ	-2.94μ	-1.22m	0	0.002	0	11.5μ	-2.94μ	-1.22m	0	
	0.002	0															
586	0	30	5.2000	4.0400	0.0000	3	19.2μ	-1.91μ	-1.27m	0	0.003	0	19.2μ	-1.91μ	-1.27m	0	

	0.003	0															
629	0	31	0.0000	5.5400	0.0000	3	-20.1μ	-0.98μ	-1.26m	0	-0.003	0	-20.1μ	-0.98μ	-1.26m	0	-
0.003	0																
625	0	32	1.0500	5.5400	0.0000	3	-12.9μ	-1.25μ	-1.21m	0	-0.002	0	-12.9μ	-1.25μ	-1.21m	0	-
0.002	0																
676	0	33	2.5400	5.5400	0.0000	3	-0.51μ	-1.42μ	-1.18m	0	0	0	-0.51μ	-1.42μ	-1.18m	0	
0.002	0																
723	0	34	4.0500	5.5400	0.0000	3	12.1μ	-1.27μ	-1.21m	0	0.002	0	12.1μ	-1.27μ	-1.21m	0	
0.002	0																
758	0	35	5.2000	5.5400	0.0000	3	20.1μ	-0.98μ	-1.26m	0	0.003	0	20.1μ	-0.98μ	-1.26m	0	
0.003	0																
801	0	36	0.0000	7.0400	0.0000	3	-20.4μ	-0.20μ	-1.26m	0	-0.003	0	-20.4μ	-0.20μ	-1.26m	0	-
0.003	0																
797	0	37	1.0500	7.0400	0.0000	3	-13.1μ	-0.24μ	-1.21m	0	-0.002	0	-13.1μ	-0.24μ	-1.21m	0	-
0.002	0																
848	0	38	2.5400	7.0400	0.0000	3	-0.52μ	-0.26μ	-1.18m	0	0	0	-0.52μ	-0.26μ	-1.18m	0	
0.002	0																
895	0	39	4.0500	7.0400	0.0000	3	12.2μ	-0.24μ	-1.21m	0	0.002	0	12.2μ	-0.24μ	-1.21m	0	
0.002	0																
930	0	40	5.2000	7.0400	0.0000	3	20.4μ	-0.20μ	-1.26m	0	0.003	0	20.4μ	-0.20μ	-1.26m	0	
0.003	0																
949	0	41	0.0000	7.3000	0.0000	3	-20.4μ	-77.3n	-1.26m	0	-0.003	0	-20.4μ	-77.3n	-1.26m	0	-
0.003	0																
945	0	42	1.0500	7.3000	0.0000	3	-13.1μ	-91.3n	-1.21m	0	-0.002	0	-13.1μ	-91.3n	-1.21m	0	-
0.002	0																
964	0	43	2.5400	7.3000	0.0000	3	-0.52μ	-0.10μ	-1.18m	0	0	0	-0.52μ	-0.10μ	-1.18m	0	
0.002	0																
983	0	44	4.0500	7.3000	0.0000	3	12.3μ	-92.3n	-1.21m	0	0.002	0	12.3μ	-92.3n	-1.21m	0	
0.002	0																
998	0	45	5.2000	7.3000	0.0000	3	20.4μ	-77.3n	-1.26m	0	0.003	0	20.4μ	-77.3n	-1.26m	0	
0.003	0																
1017	0	46	0.0000	7.5600	0.0000	3	-20.4μ	48.2n	-1.26m	0	-0.003	0	-20.4μ	48.2n	-1.26m	0	-
0.003	0																
1013	0	47	1.0500	7.5600	0.0000	3	-13.1μ	56.8n	-1.21m	0	-0.002	0	-13.1μ	56.8n	-1.21m	0	-
0.002	0																
1032	0	48	2.5400	7.5600	0.0000	3	-0.52μ	62.5n	-1.18m	0	0	0	-0.52μ	62.5n	-1.18m	0	
0.002	0																
1051	0	49	4.0500	7.5600	0.0000	3	12.3μ	57.6n	-1.21m	0	0.002	0	12.3μ	57.6n	-1.21m	0	
0.002	0																
1066	0	50	5.2000	7.5600	0.0000	3	20.4μ	48.2n	-1.26m	0	0.003	0	20.4μ	48.2n	-1.26m	0	
0.003	0																
1109	0	51	0.0000	9.0600	0.0000	3	-20.2μ	0.81μ	-1.26m	0	-0.003	0	-20.2μ	0.81μ	-1.26m	0	-
0.003	0																
1105	0	52	1.0500	9.0600	0.0000	3	-13.0μ	1.00μ	-1.21m	0	-0.002	0	-13.0μ	1.00μ	-1.21m	0	-
0.002	0																
1156	0	53	2.5400	9.0600	0.0000	3	-0.52μ	1.13μ	-1.18m	0	0	0	-0.52μ	1.13μ	-1.18m	0	
0.002	0																
1203	0	54	4.0500	9.0600	0.0000	3	12.2μ	1.02μ	-1.21m	0	0.002	0	12.2μ	1.02μ	-1.21m	0	
0.002	0																
1238	0	55	5.2000	9.0600	0.0000	3	20.2μ	0.81μ	-1.26m	0	0.003	0	20.2μ	0.81μ	-1.26m	0	
0.003	0																
1281	0	56	0.0000	10.5600	0.0000	3	-19.5μ	1.70μ	-1.27m	0	-0.003	0	-19.5μ	1.70μ	-1.27m	0	-
0.003	0																
1277	0	57	1.0500	10.5600	0.0000	3	-12.5μ	2.45μ	-1.22m	0	-0.002	0	-12.5μ	2.45μ	-1.22m	0	-
0.002	0																
1328	0	58	2.5400	10.5600	0.0000	3	-0.50μ	2.91μ	-1.19m	0	0	0	-0.50μ	2.91μ	-1.19m	0	
0.002	0																
1375	0	59	4.0500	10.5600	0.0000	3	11.7μ	2.51μ	-1.21m	0	0.002	0	11.7μ	2.51μ	-1.21m	0	
0.002	0																
1410	0	60	5.2000	10.5600	0.0000	3	19.5μ	1.70μ	-1.27m	0	0.003	0	19.5μ	1.70μ	-1.27m	0	
0.003	0																
1429	0	61	0.0000	10.8200	0.0000	3	-19.2μ	1.87μ	-1.27m	0	-0.003	0	-19.2μ	1.87μ	-1.27m	0	-
0.003	0																
1425	0	62	1.0500	10.8200	0.0000	3	-12.3μ	2.79μ	-1.22m	0	-0.002	0	-12.3μ	2.79μ	-1.22m	0	-
0.002	0																
1444	0	63	2.5400	10.8200	0.0000	3	-0.49μ	3.34μ	-1.19m	-0.001	0	0	-0.49μ	3.34μ	-1.19m	-0.001	
0.002	0																
1463	0	64	4.0500	10.8200	0.0000	3	11.5μ	2.86μ	-1.22m	0	0.002	0	11.5μ	2.86μ	-1.22m	0	
0.002	0																
1478	0	65	5.2000	10.8200	0.0000	3	19.2μ	1.87μ	-1.27m	0	0.003	0	19.2μ	1.87μ	-1.27m	0	
0.003	0																
1497	0	66	0.0000	11.0800	0.0000	3	-19.0μ	2.05μ	-1.27m	0	-0.003	0	-19.0μ	2.05μ	-1.27m	0	-
0.003	0																
1493	0	67	1.0500	11.0800	0.0000	3	-12.1μ	3.16μ	-1.22m	-0.001	-0.002	0	-12.1μ	3.16μ	-1.22m	-0.001	-
0.002	0																
1512	0	68	2.5400	11.0800	0.0000	3	-0.48μ	3.82μ	-1.20m	-0.001	0	0	-0.48μ	3.82μ	-1.20m	-0.001	
0.002	0																
1531	0	69	4.0500	11.0800	0.0000	3	11.3μ	3.24μ	-1.22m	-0.001	0.002	0	11.3μ	3.24μ	-1.22m	-0.001	
0.002	0																
1546	0	70	5.2000	11.0800	0.0000	3	18.9μ	2.05μ	-1.27m	0	0.003	0	18.9μ	2.05μ	-1.27m	0	
0.003	0																
1589	0	71	0.0000	12.5800	0.0000	3	-15.7μ	3.19μ	-1.28m	-0.001	-0.003	0	-15.7μ	3.19μ	-1.28m	-0.001	-
0.003	0																
1585	0	72	1.0500	12.5800	0.0000	3	-10.0μ	6.05μ	-1.24m	-0.001	-0.002	0	-10.0μ	6.05μ	-1.24m	-0.001	-
0.002	0																
1636	0	73	2.5400	12.5800	0.0000	3	-0.40μ	7.60μ	-1.22m	-0.001	0	0	-0.40μ	7.60μ	-1.22m	-0.001	
0.002	0																
1683	0	74	4.0500	12.5800	0.0000	3	9.41μ	6.24μ	-								

1855	0	0													
	0	79	4.0500	14.0800	0.0000	3	5.39μ	10.3μ	-1.27m	-0.002	0.001	0	5.39μ	10.3μ	-1.27m -0.002
	0.001	0													
1890	0	80	5.2000	14.0800	0.0000	3	8.06μ	4.58μ	-1.30m	-0.001	0.001	0	8.06μ	4.58μ	-1.30m -0.001
	0.001	0													
1921	0	81	0.0000	14.9200	0.0000	3	-2.95μ	5.56μ	-1.31m	-0.001	0	0	-2.95μ	5.56μ	-1.31m -0.001
	0	0													
1917	0	82	1.0500	14.9200	0.0000	3	-1.75μ	11.7μ	-1.30m	-0.002	0	0	-1.75μ	11.7μ	-1.30m -0.002
	0	0													
1952	0	83	2.5400	14.9200	0.0000	3	-72.3n	16.3μ	-1.30m	-0.003	0	0	-72.3n	16.3μ	-1.30m -0.003
	0	0													
1985	0	84	4.0500	14.9200	0.0000	3	1.61μ	12.2μ	-1.30m	-0.002	0	0	1.61μ	12.2μ	-1.30m -0.002
	0	0													
2010	0	85	5.2000	14.9200	0.0000	3	2.92μ	5.56μ	-1.31m	-0.001	0	0	2.92μ	5.56μ	-1.31m -0.001
	0	0													
400	1	1	0.0000	0.0000	1.6000	3	-9.06μ	-23.9μ	-1.31m	0	0	0	-9.06μ	-23.9μ	-1.31m 0
	0	0													
326	1	2	1.0500	0.0000	1.6000	3	-6.69μ	-61.0μ	-1.30m	0.002	0	-0.003	-6.69μ	-61.0μ	-1.30m 0.002
	0	-0.003													
332	1	3	2.5400	0.0000	1.6000	3	-0.32μ	-0.10m	-1.30m	0.003	0	0	-0.32μ	-0.10m	-1.30m 0.003
	0	0													
483	1	4	4.0500	0.0000	1.6000	3	6.30μ	-65.9μ	-1.30m	0.002	0	0.003	6.30μ	-65.9μ	-1.30m 0.002
	0	0.003													
49	1	5	5.2000	0.0000	1.6000	3	9.00μ	-23.9μ	-1.31m	0	0	0	9.00μ	-23.9μ	-1.31m 0
	0	0													
259	1	6	0.0000	0.5200	1.6000	3	-25.5μ	-23.2μ	-1.30m	0	-0.001	0.003	-25.5μ	-23.2μ	-1.30m 0 -
0.001	0.003														
40	1	10	5.2000	0.5200	1.6000	3	25.5μ	-23.2μ	-1.30m	0	0.001	-0.003	25.5μ	-23.2μ	-1.30m 0
	0.001	-0.003													
2370	1	11	0.0000	2.0200	1.6000	3	-0.11m	-18.8μ	-1.29m	0	-0.004	0.003	-0.11m	-18.8μ	-1.29m 0 -
0.004	0.003														
106	1	15	5.2000	2.0200	1.6000	3	0.11m	-18.8μ	-1.29m	0	0.004	-0.003	0.11m	-18.8μ	-1.29m 0
	0.004	-0.003													
2288	1	16	0.0000	3.5200	1.6000	3	-0.16m	-13.1μ	-1.27m	0	-0.005	0.001	-0.16m	-13.1μ	-1.27m 0 -
0.005	0.001														
118	1	20	5.2000	3.5200	1.6000	3	0.16m	-13.1μ	-1.27m	0	0.005	-0.001	0.16m	-13.1μ	-1.27m 0
	0.005	-0.001													
2275	1	21	0.0000	3.7800	1.6000	3	-0.16m	-12.1μ	-1.27m	0	-0.006	0.001	-0.16m	-12.1μ	-1.27m 0 -
0.006	0.001														
136	1	25	5.2000	3.7800	1.6000	3	0.16m	-12.1μ	-1.27m	0	0.006	-0.001	0.16m	-12.1μ	-1.27m 0
	0.006	-0.001													
2319	1	26	0.0000	4.0400	1.6000	3	-0.16m	-11.2μ	-1.27m	0	-0.006	0.001	-0.16m	-11.2μ	-1.27m 0 -
0.006	0.001														
127	1	30	5.2000	4.0400	1.6000	3	0.16m	-11.2μ	-1.27m	0	0.006	-0.001	0.16m	-11.2μ	-1.27m 0
	0.006	-0.001													
2396	1	31	0.0000	5.5400	1.6000	3	-0.18m	-5.97μ	-1.26m	0	-0.006	0	-0.18m	-5.97μ	-1.26m 0 -
0.006	0														
726	1	35	5.2000	5.5400	1.6000	3	0.18m	-5.97μ	-1.26m	0	0.006	0	0.18m	-5.97μ	-1.26m 0
	0.006	0													
858	1	36	0.0000	7.0400	1.6000	3	-0.18m	-1.27μ	-1.26m	0	-0.006	0	-0.18m	-1.27μ	-1.26m 0 -
0.006	0														
744	1	40	5.2000	7.0400	1.6000	3	0.18m	-1.27μ	-1.26m	0	0.006	0	0.18m	-1.27μ	-1.26m 0
	0.006	0													
845	1	41	0.0000	7.3000	1.6000	3	-0.18m	-0.48μ	-1.26m	0	-0.006	0	-0.18m	-0.48μ	-1.26m 0 -
0.006	0														
762	1	45	5.2000	7.3000	1.6000	3	0.18m	-0.48μ	-1.26m	0	0.006	0	0.18m	-0.48μ	-1.26m 0
	0.006	0													
889	1	46	0.0000	7.5600	1.6000	3	-0.18m	0.31μ	-1.26m	0	-0.006	0	-0.18m	0.31μ	-1.26m 0 -
0.006	0														
753	1	50	5.2000	7.5600	1.6000	3	0.18m	0.31μ	-1.26m	0	0.006	0	0.18m	0.31μ	-1.26m 0
	0.006	0													
2029	1	51	0.0000	9.0600	1.6000	3	-0.18m	4.93μ	-1.26m	0	-0.006	0	-0.18m	4.93μ	-1.26m 0 -
0.006	0														
1073	1	55	5.2000	9.0600	1.6000	3	0.18m	4.94μ	-1.26m	0	0.006	0	0.18m	4.94μ	-1.26m 0
	0.006	0													
1205	1	56	0.0000	10.5600	1.6000	3	-0.17m	10.0μ	-1.27m	0	-0.006	-0.001	-0.17m	10.0μ	-1.27m 0 -
0.006	-0.001														
1091	1	60	5.2000	10.5600	1.6000	3	0.17m	10.0μ	-1.27m	0	0.006	0.001	0.17m	10.0μ	-1.27m 0
	0.006	0.001													
1192	1	61	0.0000	10.8200	1.6000	3	-0.17m	11.0μ	-1.27m	0	-0.006	-0.001	-0.17m	11.0μ	-1.27m 0 -
0.006	-0.001														
1109	1	65	5.2000	10.8200	1.6000	3	0.17m	11.0μ	-1.27m	0	0.006	0.001	0.17m	11.0μ	-1.27m 0
	0.006	0.001													
1236	1	66	0.0000	11.0800	1.6000	3	-0.16m	11.9μ	-1.27m	0	-0.006	-0.001	-0.16m	11.9μ	-1.27m 0 -
0.006	-0.001														
1100	1	70	5.2000	11.0800	1.6000	3	0.16m	11.9μ	-1.27m	0	0.006	0.001	0.16m	11.9μ	-1.27m 0
	0.006	0.001													
1848	1	71	0.0000	12.5800	1.6000	3	-0.12m	17.6μ	-1.28m	0	-0.004	-0.002	-0.12m	17.6μ	-1.28m 0 -
0.004	-0.002														
1667	1	75	5.2000	12.5800	1.6000	3	0.12m	17.6μ	-1.28m	0	0.004	0.002	0.12m	17.6μ	-1.28m 0
	0.004	0.002													
1505	1	76	0.0000	14.0800	1.6000	3	-43.7μ	22.5μ	-1.30m	0	-0.001	-0.003	-43.7μ	22.5μ	-1.30m 0 -
0.001	-0.003														
1685	1	80	5.2000	14.0800	1.6000	3	43.6μ	22.5μ	-1.30m	0	0.001	0.003	43.6μ	22.5μ	-1.30m 0
	0.001	0.003													
1542	1	81	0.0000	14.9200	1.6000	3	-9.06μ	23.9μ	-1.31m	0	0	0	-9.06μ	23.9μ	-1.31m 0
	0	0													
1423	1	82	1.0500	14.9200	1.6000	3	-6.70μ	61.0μ	-1.30m	-0.002	0	0.003	-6.70μ	61.0μ	-1.30m -0.002
	0	0.003													
1805	1	83	2.5400	14.9200	1.6000	3	-0.32μ	0.10m	-1.30m	-0.003	0	0	-0.32μ	0.10m	-1.30m -0.003
	0	0													
1590	1	84	4.0500	14.9200	1.6000	3	6.30μ	65.8μ	-1.30m	-0.002	0	-0.003	6.30μ	65.8μ	-1.30m -0.002
	0	-0.003													
1734	1	85	5.2000	14.9200	1.6000	3	9.01μ	23.9μ	-1.31m	0	0	0	9.01μ	23.9μ	-1.31m 0
	0	0													

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Spostamenti Nodi. Famiglia Cmb. 4) Quasi Perm.

Nodo						Min.										Max.			
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y		
FEM	rot z [°]																		
15	0	1	0.0000	0.0000	0.0000	4	-2.95μ	-5.51μ	-1.31m	0.001	0	0	-2.95μ	-5.51μ	-1.31m	0.001			
	0	0																	
19	0	2	1.0500	0.0000	0.0000	4	-1.76μ	-11.7μ	-1.30m	0.002	0	0	-1.76μ	-11.7μ	-1.30m	0.002			
	0	0																	
50	0	3	2.5400	0.0000	0.0000	4	-72.6n	-16.3μ	-1.30m	0.003	0	0	-72.6n	-16.3μ	-1.30m	0.003			
	0	0																	
81	0	4	4.0500	0.0000	0.0000	4	1.62μ	-12.2μ	-1.30m	0.002	0	0	1.62μ	-12.2μ	-1.30m	0.002			
	0	0																	
104	0	5	5.2000	0.0000	0.0000	4	2.92μ	-5.51μ	-1.31m	0.001	0	0	2.92μ	-5.51μ	-1.31m	0.001			
	0	0																	
25	0	6	0.0000	0.5200	0.0000	4	-5.79μ	-4.98μ	-1.30m	0.001	-0.001	0	-5.79μ	-4.98μ	-1.30m	0.001	-		
0.001	0																		
21	0	7	1.0500	0.5200	0.0000	4	-4.42μ	-10.7μ	-1.29m	0.002	-0.001	0	-4.42μ	-10.7μ	-1.29m	0.002	-		
0.001	0																		
52	0	8	2.5400	0.5200	0.0000	4	-0.18μ	-14.3μ	-1.28m	0.002	0	0	-0.18μ	-14.3μ	-1.28m	0.002			
	0	0																	
83	0	9	4.0500	0.5200	0.0000	4	4.15μ	-11.1μ	-1.28m	0.002	0.001	0	4.15μ	-11.1μ	-1.28m	0.002			
	0.001	0																	
106	0	10	5.2000	0.5200	0.0000	4	5.78μ	-4.99μ	-1.30m	0.001	0.001	0	5.78μ	-4.99μ	-1.30m	0.001			
	0.001	0																	
149	0	11	0.0000	2.0200	0.0000	4	-14.5μ	-3.45μ	-1.28m	0.001	-0.002	0	-14.5μ	-3.45μ	-1.28m	0.001	-		
0.002	0																		
145	0	12	1.0500	2.0200	0.0000	4	-9.33μ	-6.83μ	-1.25m	0.001	-0.002	0	-9.33μ	-6.83μ	-1.25m	0.001	-		
0.002	0																		
196	0	13	2.5400	2.0200	0.0000	4	-0.38μ	-8.64μ	-1.23m	0.001	0	0	-0.38μ	-8.64μ	-1.23m	0.001			
	0	0																	
243	0	14	4.0500	2.0200	0.0000	4	8.75μ	-7.06μ	-1.25m	0.001	0.001	0	8.75μ	-7.06μ	-1.25m	0.001			
	0.001	0																	
278	0	15	5.2000	2.0200	0.0000	4	14.5μ	-3.45μ	-1.28m	0.001	0.002	0	14.5μ	-3.45μ	-1.28m	0.001			
	0.002	0																	
321	0	16	0.0000	3.5200	0.0000	4	-18.5μ	-2.28μ	-1.27m	0	-0.003	0	-18.5μ	-2.28μ	-1.27m	0	-		
0.003	0																		
317	0	17	1.0500	3.5200	0.0000	4	-11.8μ	-3.67μ	-1.23m	0.001	-0.002	0	-11.8μ	-3.67μ	-1.23m	0.001	-		
0.002	0																		
368	0	18	2.5400	3.5200	0.0000	4	-0.47μ	-4.47μ	-1.20m	0.001	0	0	-0.47μ	-4.47μ	-1.20m	0.001			
	0	0																	
415	0	19	4.0500	3.5200	0.0000	4	11.1μ	-3.77μ	-1.22m	0.001	0.002	0	11.1μ	-3.77μ	-1.22m	0.001			
	0.002	0																	
450	0	20	5.2000	3.5200	0.0000	4	18.5μ	-2.28μ	-1.27m	0	0.003	0	18.5μ	-2.28μ	-1.27m	0			
	0.003	0																	
469	0	21	0.0000	3.7800	0.0000	4	-18.9μ	-2.09μ	-1.27m	0	-0.003	0	-18.9μ	-2.09μ	-1.27m	0	-		
0.003	0																		
465	0	22	1.0500	3.7800	0.0000	4	-12.0μ	-3.25μ	-1.22m	0.001	-0.002	0	-12.0μ	-3.25μ	-1.22m	0.001	-		
0.002	0																		
484	0	23	2.5400	3.7800	0.0000	4	-0.48μ	-3.93μ	-1.20m	0.001	0	0	-0.48μ	-3.93μ	-1.20m	0.001			
	0	0																	
503	0	24	4.0500	3.7800	0.0000	4	11.3μ	-3.33μ	-1.22m	0.001	0.002	0	11.3μ	-3.33μ	-1.22m	0.001			
	0.002	0																	
518	0	25	5.2000	3.7800	0.0000	4	18.9μ	-2.09μ	-1.27m	0	0.003	0	18.9μ	-2.09μ	-1.27m	0			
	0.003	0																	
537	0	26	0.0000	4.0400	0.0000	4	-19.2μ	-1.91μ	-1.27m	0	-0.003	0	-19.2μ	-1.91μ	-1.27m	0	-		
0.003	0																		
533	0	27	1.0500	4.0400	0.0000	4	-12.2μ	-2.87μ	-1.22m	0	-0.002	0	-12.2μ	-2.87μ	-1.22m	0	-		
0.002	0																		
552	0	28	2.5400	4.0400	0.0000	4	-0.49μ	-3.44μ	-1.19m	0.001	0	0	-0.49μ	-3.44μ	-1.19m	0.001			
	0	0																	
571	0	29	4.0500	4.0400	0.0000	4	11.5μ	-2.94μ	-1.22m	0	0.002	0	11.5μ	-2.94μ	-1.22m	0			
	0.002	0																	
586	0	30	5.2000	4.0400	0.0000	4	19.2μ	-1.91μ	-1.27m	0	0.003	0	19.2μ	-1.91μ	-1.27m	0			
	0.003	0																	
629	0	31	0.0000	5.5400	0.0000	4	-20.1μ	-0.98μ	-1.26m	0	-0.003	0	-20.1μ	-0.98μ	-1.26m	0	-		
0.003	0																		
625	0	32	1.0500	5.5400	0.0000	4	-12.9μ	-1.25μ	-1.21m	0	-0.002	0	-12.9μ	-1.25μ	-1.21m	0	-		
0.002	0																		
676	0	33	2.5400	5.5400	0.0000	4	-0.51μ	-1.42μ	-1.18m	0	0	0	-0.51μ	-1.42μ	-1.18m	0			
	0	0																	
723	0	34	4.0500	5.5400	0.0000	4	12.1μ	-1.27μ	-1.21m	0	0.002	0	12.1μ	-1.27μ	-1.21m	0			
	0.002	0																	
758	0	35	5.2000	5.5400	0.0000	4	20.1μ	-0.98μ	-1.26m	0	0.003	0	20.1μ	-0.98μ	-1.26m	0			
	0.003	0																	
801	0	36	0.0000	7.0400	0.0000	4	-20.4μ	-0.20μ	-1.26m	0	-0.003	0	-20.4μ	-0.20μ	-1.26m	0	-		
0.003	0																		
797	0	37	1.0500	7.0400	0.0000	4	-13.1μ	-0.24μ	-1.21m	0	-0.002	0	-13.1μ	-0.24μ	-1.21m	0	-		
0.002	0																		
848	0	38	2.5400	7.0400	0.0000	4	-0.52μ	-0.26μ	-1.18m	0	0	0	-0.52μ	-0.26μ	-1.18m	0			
	0	0																	
895	0	39	4.0500	7.0400	0.0000	4	12.2μ	-0.24μ	-1.21m	0	0.002	0	12.2μ	-0.24μ	-1.21m	0			
	0.002	0																	
930	0	40	5.2000	7.0400	0.0000	4	20.4μ	-0.20μ	-1.26m	0	0.003	0	20.4μ	-0.20μ	-1.26m	0			
	0.003	0																	
949	0	41	0.0000	7.3000	0.0000	4	-20.4μ	-77.3n	-1.26m	0	-0.003	0	-20.4μ	-77.3n	-1.26m	0	-		
0.003	0																		
945	0	42	1.0500	7.3000	0.0000	4	-13.1μ	-91.3n	-1.21m	0	-0.002	0	-13.1μ	-91.3n	-1.21m	0	-		
0.002	0																		
964	0	43	2.5400	7.3000	0.0000	4	-0.52μ	-0.10μ	-1.18m	0	0	0	-0.52μ	-0.10μ	-1.18m	0			
	0	0																	
983	0	44	4.0500	7.3000	0.0000	4	12.3μ	-92.3n	-1.21m	0	0.002	0	12.3μ	-92.3n	-1.21m	0			

998	0.002	0	5.2000	7.3000	0.0000	4	20.4μ	-77.3n	-1.26m	0	0.003	0	20.4μ	-77.3n	-1.26m	0
	0	45														
	0.003	0	0.0000	7.5600	0.0000	4	-20.4μ	48.2n	-1.26m	0	-0.003	0	-20.4μ	48.2n	-1.26m	0
1017	0	46														-
0.003	0															
1013	0	47	1.0500	7.5600	0.0000	4	-13.1μ	56.8n	-1.21m	0	-0.002	0	-13.1μ	56.8n	-1.21m	0
0.002	0															-
1032	0	48	2.5400	7.5600	0.0000	4	-0.52μ	62.5n	-1.18m	0	0	0	-0.52μ	62.5n	-1.18m	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	4	12.3μ	57.6n	-1.21m	0	0.002	0	12.3μ	57.6n	-1.21m	0
	0.002	0														
1066	0	50	5.2000	7.5600	0.0000	4	20.4μ	48.2n	-1.26m	0	0.003	0	20.4μ	48.2n	-1.26m	0
	0.003	0														
1109	0	51	0.0000	9.0600	0.0000	4	-20.2μ	0.81μ	-1.26m	0	-0.003	0	-20.2μ	0.81μ	-1.26m	0
0.003	0															-
1105	0	52	1.0500	9.0600	0.0000	4	-13.0μ	1.00μ	-1.21m	0	-0.002	0	-13.0μ	1.00μ	-1.21m	0
0.002	0															-
1156	0	53	2.5400	9.0600	0.0000	4	-0.52μ	1.13μ	-1.18m	0	0	0	-0.52μ	1.13μ	-1.18m	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	4	12.2μ	1.02μ	-1.21m	0	0.002	0	12.2μ	1.02μ	-1.21m	0
	0.002	0														
1238	0	55	5.2000	9.0600	0.0000	4	20.2μ	0.81μ	-1.26m	0	0.003	0	20.2μ	0.81μ	-1.26m	0
	0.003	0														
1281	0	56	0.0000	10.5600	0.0000	4	-19.5μ	1.70μ	-1.27m	0	-0.003	0	-19.5μ	1.70μ	-1.27m	0
0.003	0															-
1277	0	57	1.0500	10.5600	0.0000	4	-12.5μ	2.45μ	-1.22m	0	-0.002	0	-12.5μ	2.45μ	-1.22m	0
0.002	0															-
1328	0	58	2.5400	10.5600	0.0000	4	-0.50μ	2.91μ	-1.19m	0	0	0	-0.50μ	2.91μ	-1.19m	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	4	11.7μ	2.51μ	-1.21m	0	0.002	0	11.7μ	2.51μ	-1.21m	0
	0.002	0														
1410	0	60	5.2000	10.5600	0.0000	4	19.5μ	1.70μ	-1.27m	0	0.003	0	19.5μ	1.70μ	-1.27m	0
	0.003	0														
1429	0	61	0.0000	10.8200	0.0000	4	-19.2μ	1.87μ	-1.27m	0	-0.003	0	-19.2μ	1.87μ	-1.27m	0
0.003	0															-
1425	0	62	1.0500	10.8200	0.0000	4	-12.3μ	2.79μ	-1.22m	0	-0.002	0	-12.3μ	2.79μ	-1.22m	0
0.002	0															-
1444	0	63	2.5400	10.8200	0.0000	4	-0.49μ	3.34μ	-1.19m	-0.001	0	0	-0.49μ	3.34μ	-1.19m	-0.001
	0	0														
1463	0	64	4.0500	10.8200	0.0000	4	11.5μ	2.86μ	-1.22m	0	0.002	0	11.5μ	2.86μ	-1.22m	0
	0.002	0														
1478	0	65	5.2000	10.8200	0.0000	4	19.2μ	1.87μ	-1.27m	0	0.003	0	19.2μ	1.87μ	-1.27m	0
	0.003	0														
1497	0	66	0.0000	11.0800	0.0000	4	-19.0μ	2.05μ	-1.27m	0	-0.003	0	-19.0μ	2.05μ	-1.27m	0
0.003	0															-
1493	0	67	1.0500	11.0800	0.0000	4	-12.1μ	3.16μ	-1.22m	-0.001	-0.002	0	-12.1μ	3.16μ	-1.22m	-0.001
0.002	0															-
1512	0	68	2.5400	11.0800	0.0000	4	-0.48μ	3.82μ	-1.20m	-0.001	0	0	-0.48μ	3.82μ	-1.20m	-0.001
	0	0														
1531	0	69	4.0500	11.0800	0.0000	4	11.3μ	3.24μ	-1.22m	-0.001	0.002	0	11.3μ	3.24μ	-1.22m	-0.001
	0.002	0														
1546	0	70	5.2000	11.0800	0.0000	4	18.9μ	2.05μ	-1.27m	0	0.003	0	18.9μ	2.05μ	-1.27m	0
	0.003	0														
1589	0	71	0.0000	12.5800	0.0000	4	-15.7μ	3.19μ	-1.28m	-0.001	-0.003	0	-15.7μ	3.19μ	-1.28m	-0.001
0.003	0															-
1585	0	72	1.0500	12.5800	0.0000	4	-10.0μ	6.05μ	-1.24m	-0.001	-0.002	0	-10.0μ	6.05μ	-1.24m	-0.001
0.002	0															-
1636	0	73	2.5400	12.5800	0.0000	4	-0.40μ	7.60μ	-1.22m	-0.001	0	0	-0.40μ	7.60μ	-1.22m	-0.001
	0	0														
1683	0	74	4.0500	12.5800	0.0000	4	9.41μ	6.24μ	-1.24m	-0.001	0.002	0	9.41μ	6.24μ	-1.24m	-0.001
	0.002	0														
1718	0	75	5.2000	12.5800	0.0000	4	15.7μ	3.19μ	-1.28m	-0.001	0.003	0	15.7μ	3.19μ	-1.28m	-0.001
	0.003	0														
1761	0	76	0.0000	14.0800	0.0000	4	-8.07μ	4.58μ	-1.30m	-0.001	-0.001	0	-8.07μ	4.58μ	-1.30m	-0.001
0.001	0															-
1757	0	77	1.0500	14.0800	0.0000	4	-5.73μ	9.96μ	-1.28m	-0.002	-0.001	0	-5.73μ	9.96μ	-1.28m	-0.002
0.001	0															-
1808	0	78	2.5400	14.0800	0.0000	4	-0.24μ	13.0μ	-1.26m	-0.002	0	0	-0.24μ	13.0μ	-1.26m	-0.002
	0	0														
1855	0	79	4.0500	14.0800	0.0000	4	5.39μ	10.3μ	-1.27m	-0.002	0.001	0	5.39μ	10.3μ	-1.27m	-0.002
	0.001	0														
1890	0	80	5.2000	14.0800	0.0000	4	8.06μ	4.58μ	-1.30m	-0.001	0.001	0	8.06μ	4.58μ	-1.30m	-0.001
	0.001	0														
1921	0	81	0.0000	14.9200	0.0000	4	-2.95μ	5.56μ	-1.31m	-0.001	0	0	-2.95μ	5.56μ	-1.31m	-0.001
	0	0														
1917	0	82	1.0500	14.9200	0.0000	4	-1.75μ	11.7μ	-1.30m	-0.002	0	0	-1.75μ	11.7μ	-1.30m	-0.002
	0	0														
1952	0	83	2.5400	14.9200	0.0000	4	-72.3n	16.3μ	-1.30m	-0.003	0	0	-72.3n	16.3μ	-1.30m	-0.003
	0	0														
1985	0	84	4.0500	14.9200	0.0000	4	1.61μ	12.2μ	-1.30m	-0.002	0	0	1.61μ	12.2μ	-1.30m	-0.002
	0	0														
2010	0	85	5.2000	14.9200	0.0000	4	2.92μ	5.56μ	-1.31m	-0.001	0	0	2.92μ	5.56μ	-1.31m	-0.001
	0	0														
400	1	1	0.0000	0.0000	1.6000	4	-9.06μ	-23.9μ	-1.31m	0	0	0	-9.06μ	-23.9μ	-1.31m	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	4	-6.69μ	-61.0μ	-1.30m	0.002	0	-0.003	-6.69μ	-61.0μ	-1.30m	0.002
	0	-0.003														
332	1	3	2.5400	0.0000	1.6000	4	-0.32μ	-0.10m	-1.30m	0.003	0	0	-0.32μ	-0.10m	-1.30m	0.003
	0	0														
483	1	4	4.0500	0.0000	1.6000	4	6.30μ	-65.9μ	-1.30m	0.002	0	0.003	6.30μ	-65.9μ	-1.30m	0.002
	0	0.003														
49	1	5	5.2000	0.0000	1.6000	4	9.00μ	-23.9μ	-1.31m	0	0	0	9.00μ	-23.9μ	-1.31m	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	4	-25.5μ	-23.2μ	-1.30m	0	-0.001	0.003	-25.5μ	-23.2μ	-1.30m	0
0.001	0.003															-
40	1	10	5.2000	0.5200	1.6000	4	25.5μ	-23.2μ	-1.30m	0	0.001	-0.003	25.5μ	-23.2μ	-1.30m	0

2370	0.001	-0.003															
0.004	1	11	0.0000	2.0200	1.6000	4	-0.11m	-18.8μ	-1.29m	0	-0.004	0.003	-0.11m	-18.8μ	-1.29m	0	-
106	0.003																
	1	15	5.2000	2.0200	1.6000	4	0.11m	-18.8μ	-1.29m	0	0.004	-0.003	0.11m	-18.8μ	-1.29m	0	
2288	0.004	-0.003															
0.005	1	16	0.0000	3.5200	1.6000	4	-0.16m	-13.1μ	-1.27m	0	-0.005	0.001	-0.16m	-13.1μ	-1.27m	0	-
118	0.001																
	1	20	5.2000	3.5200	1.6000	4	0.16m	-13.1μ	-1.27m	0	0.005	-0.001	0.16m	-13.1μ	-1.27m	0	
2275	0.005	-0.001															
0.006	1	21	0.0000	3.7800	1.6000	4	-0.16m	-12.1μ	-1.27m	0	-0.006	0.001	-0.16m	-12.1μ	-1.27m	0	-
136	0.001																
	1	25	5.2000	3.7800	1.6000	4	0.16m	-12.1μ	-1.27m	0	0.006	-0.001	0.16m	-12.1μ	-1.27m	0	
2319	0.006	-0.001															
0.006	1	26	0.0000	4.0400	1.6000	4	-0.16m	-11.2μ	-1.27m	0	-0.006	0.001	-0.16m	-11.2μ	-1.27m	0	-
127	0.001																
	1	30	5.2000	4.0400	1.6000	4	0.16m	-11.2μ	-1.27m	0	0.006	-0.001	0.16m	-11.2μ	-1.27m	0	
2396	0.006	-0.001															
0.006	1	31	0.0000	5.5400	1.6000	4	-0.18m	-5.97μ	-1.26m	0	-0.006	0	-0.18m	-5.97μ	-1.26m	0	-
726	0																
	1	35	5.2000	5.5400	1.6000	4	0.18m	-5.97μ	-1.26m	0	0.006	0	0.18m	-5.97μ	-1.26m	0	
858	0.006	0															
0.006	1	36	0.0000	7.0400	1.6000	4	-0.18m	-1.27μ	-1.26m	0	-0.006	0	-0.18m	-1.27μ	-1.26m	0	-
744	0																
	1	40	5.2000	7.0400	1.6000	4	0.18m	-1.27μ	-1.26m	0	0.006	0	0.18m	-1.27μ	-1.26m	0	
845	0.006	0															
0.006	1	41	0.0000	7.3000	1.6000	4	-0.18m	-0.48μ	-1.26m	0	-0.006	0	-0.18m	-0.48μ	-1.26m	0	-
762	0																
	1	45	5.2000	7.3000	1.6000	4	0.18m	-0.48μ	-1.26m	0	0.006	0	0.18m	-0.48μ	-1.26m	0	
889	0.006	0															
0.006	1	46	0.0000	7.5600	1.6000	4	-0.18m	0.31μ	-1.26m	0	-0.006	0	-0.18m	0.31μ	-1.26m	0	-
753	0																
	1	50	5.2000	7.5600	1.6000	4	0.18m	0.31μ	-1.26m	0	0.006	0	0.18m	0.31μ	-1.26m	0	
2029	0.006	0															
0.006	1	51	0.0000	9.0600	1.6000	4	-0.18m	4.93μ	-1.26m	0	-0.006	0	-0.18m	4.93μ	-1.26m	0	-
1073	0																
	1	55	5.2000	9.0600	1.6000	4	0.18m	4.94μ	-1.26m	0	0.006	0	0.18m	4.94μ	-1.26m	0	
1205	0.006	0															
0.006	1	56	0.0000	10.5600	1.6000	4	-0.17m	10.0μ	-1.27m	0	-0.006	-0.001	-0.17m	10.0μ	-1.27m	0	-
1091	-0.001																
	1	60	5.2000	10.5600	1.6000	4	0.17m	10.0μ	-1.27m	0	0.006	0.001	0.17m	10.0μ	-1.27m	0	
1192	0.006	0.001															
0.006	1	61	0.0000	10.8200	1.6000	4	-0.17m	11.0μ	-1.27m	0	-0.006	-0.001	-0.17m	11.0μ	-1.27m	0	-
1109	-0.001																
	1	65	5.2000	10.8200	1.6000	4	0.17m	11.0μ	-1.27m	0	0.006	0.001	0.17m	11.0μ	-1.27m	0	
1236	0.006	0.001															
0.006	1	66	0.0000	11.0800	1.6000	4	-0.16m	11.9μ	-1.27m	0	-0.006	-0.001	-0.16m	11.9μ	-1.27m	0	-
1100	-0.001																
	1	70	5.2000	11.0800	1.6000	4	0.16m	11.9μ	-1.27m	0	0.006	0.001	0.16m	11.9μ	-1.27m	0	
1848	0.006	0.001															
0.004	1	71	0.0000	12.5800	1.6000	4	-0.12m	17.6μ	-1.28m	0	-0.004	-0.002	-0.12m	17.6μ	-1.28m	0	-
1667	-0.002																
	1	75	5.2000	12.5800	1.6000	4	0.12m	17.6μ	-1.28m	0	0.004	0.002	0.12m	17.6μ	-1.28m	0	
1505	0.004	0.002															
0.001	1	76	0.0000	14.0800	1.6000	4	-43.7μ	22.5μ	-1.30m	0	-0.001	-0.003	-43.7μ	22.5μ	-1.30m	0	-
1685	-0.003																
	1	80	5.2000	14.0800	1.6000	4	43.6μ	22.5μ	-1.30m	0	0.001	0.003	43.6μ	22.5μ	-1.30m	0	
1542	0.001	0.003															
	1	81	0.0000	14.9200	1.6000	4	-9.06μ	23.9μ	-1.31m	0	0	0	-9.06μ	23.9μ	-1.31m	0	
1423	0																
	0	0															
	1	82	1.0500	14.9200	1.6000	4	-6.70μ	61.0μ	-1.30m	-0.002	0	0.003	-6.70μ	61.0μ	-1.30m	-0.002	
1805	0	0.003															
	1	83	2.5400	14.9200	1.6000	4	-0.32μ	0.10m	-1.30m	-0.003	0	0	-0.32μ	0.10m	-1.30m	-0.003	
1590	0																
	1	84	4.0500	14.9200	1.6000	4	6.30μ	65.8μ	-1.30m	-0.002	0	-0.003	6.30μ	65.8μ	-1.30m	-0.002	
1734	0	-0.003															
	1	85	5.2000	14.9200	1.6000	4	9.01μ	23.9μ	-1.31m	0	0	0	9.01μ	23.9μ	-1.31m	0	
	0	0															

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

— Spostamenti Nodi. Famiglia Cmb. 5) Permanente

Nodo						Min.							Max.				
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
[°]	rot z [°]																
FEM																	
15	0	1	0.0000	0.0000	0.0000	5	-2.95μ	-5.51μ	-1.31m	0.001	0	0	-2.95μ	-5.51μ	-1.31m	0.001	
	0	0															
19	0	2	1.0500	0.0000	0.0000	5	-1.76μ	-11.7μ	-1.30m	0.002	0	0	-1.76μ	-11.7μ	-1.30m	0.002	
	0	0															
50	0	3	2.5400	0.0000	0.0000	5	-72.6n	-16.3μ	-1.30m	0.003	0	0	-72.6n	-16.3μ	-1.30m	0.003	
	0	0															
81	0	4	4.0500	0.0000	0.0000	5	1.62μ	-12.2μ	-1.30m	0.002	0	0	1.62μ	-12.2μ	-1.30m	0.002	
	0	0															
104	0	5	5.2000	0.0000	0.0000	5	2.92μ	-5.51μ	-1.31m	0.001	0	0	2.92μ	-5.51μ	-1.31m	0.001	
	0	0															
25	0	6	0.0000	0.5200	0.0000	5	-5.79μ	-4.98μ	-1.30m	0.001	-0.001	0	-5.79μ	-4.98μ	-1.30m	0.001	-
0.001	0																
21	0	7	1.0500	0.5200	0.0000	5	-4.42μ	-10.7μ	-1.29m	0.002	-0.001	0	-4.42μ	-10.7μ	-1.29m	0.002	-
0.001	0																
52	0	8	2.5400	0.5200	0.0000	5	-0.18μ	-14.3μ	-1.28m	0.002	0	0	-0.18μ	-14.3μ	-1.28m	0.002	
	0	0															
83	0	9	4.0500	0.5200	0.0000	5	4.15μ	-11.1μ	-1.28m	0.002	0.001	0	4.15μ	-11.1μ	-1.28m	0.002	

106	0.001 0 0.001	0 10 0	5.2000	0.5200	0.0000	5	5.78μ	-4.99μ	-1.30m	0.001	0.001	0	5.78μ	-4.99μ	-1.30m	0.001	
149	0	11	0.0000	2.0200	0.0000	5	-14.5μ	-3.45μ	-1.28m	0.001	-0.002	0	-14.5μ	-3.45μ	-1.28m	0.001	-
0.002	0																
145	0	12	1.0500	2.0200	0.0000	5	-9.33μ	-6.83μ	-1.25m	0.001	-0.002	0	-9.33μ	-6.83μ	-1.25m	0.001	-
0.002	0																
196	0	13	2.5400	2.0200	0.0000	5	-0.38μ	-8.64μ	-1.23m	0.001	0	0	-0.38μ	-8.64μ	-1.23m	0.001	
	0	0															
243	0	14	4.0500	2.0200	0.0000	5	8.75μ	-7.06μ	-1.25m	0.001	0.001	0	8.75μ	-7.06μ	-1.25m	0.001	
	0.001	0															
278	0	15	5.2000	2.0200	0.0000	5	14.5μ	-3.45μ	-1.28m	0.001	0.002	0	14.5μ	-3.45μ	-1.28m	0.001	
	0.002	0															
321	0	16	0.0000	3.5200	0.0000	5	-18.5μ	-2.28μ	-1.27m	0	-0.003	0	-18.5μ	-2.28μ	-1.27m	0	-
0.003	0																
317	0	17	1.0500	3.5200	0.0000	5	-11.8μ	-3.67μ	-1.23m	0.001	-0.002	0	-11.8μ	-3.67μ	-1.23m	0.001	-
0.002	0																
368	0	18	2.5400	3.5200	0.0000	5	-0.47μ	-4.47μ	-1.20m	0.001	0	0	-0.47μ	-4.47μ	-1.20m	0.001	
	0	0															
415	0	19	4.0500	3.5200	0.0000	5	11.1μ	-3.77μ	-1.22m	0.001	0.002	0	11.1μ	-3.77μ	-1.22m	0.001	
	0.002	0															
450	0	20	5.2000	3.5200	0.0000	5	18.5μ	-2.28μ	-1.27m	0	0.003	0	18.5μ	-2.28μ	-1.27m	0	
	0.003	0															
469	0	21	0.0000	3.7800	0.0000	5	-18.9μ	-2.09μ	-1.27m	0	-0.003	0	-18.9μ	-2.09μ	-1.27m	0	-
0.003	0																
465	0	22	1.0500	3.7800	0.0000	5	-12.0μ	-3.25μ	-1.22m	0.001	-0.002	0	-12.0μ	-3.25μ	-1.22m	0.001	-
0.002	0																
484	0	23	2.5400	3.7800	0.0000	5	-0.48μ	-3.93μ	-1.20m	0.001	0	0	-0.48μ	-3.93μ	-1.20m	0.001	
	0	0															
503	0	24	4.0500	3.7800	0.0000	5	11.3μ	-3.33μ	-1.22m	0.001	0.002	0	11.3μ	-3.33μ	-1.22m	0.001	
	0.002	0															
518	0	25	5.2000	3.7800	0.0000	5	18.9μ	-2.09μ	-1.27m	0	0.003	0	18.9μ	-2.09μ	-1.27m	0	
	0.003	0															
537	0	26	0.0000	4.0400	0.0000	5	-19.2μ	-1.91μ	-1.27m	0	-0.003	0	-19.2μ	-1.91μ	-1.27m	0	-
0.003	0																
533	0	27	1.0500	4.0400	0.0000	5	-12.2μ	-2.87μ	-1.22m	0	-0.002	0	-12.2μ	-2.87μ	-1.22m	0	-
0.002	0																
552	0	28	2.5400	4.0400	0.0000	5	-0.49μ	-3.44μ	-1.19m	0.001	0	0	-0.49μ	-3.44μ	-1.19m	0.001	
	0	0															
571	0	29	4.0500	4.0400	0.0000	5	11.5μ	-2.94μ	-1.22m	0	0.002	0	11.5μ	-2.94μ	-1.22m	0	
	0.002	0															
586	0	30	5.2000	4.0400	0.0000	5	19.2μ	-1.91μ	-1.27m	0	0.003	0	19.2μ	-1.91μ	-1.27m	0	
	0.003	0															
629	0	31	0.0000	5.5400	0.0000	5	-20.1μ	-0.98μ	-1.26m	0	-0.003	0	-20.1μ	-0.98μ	-1.26m	0	-
0.003	0																
625	0	32	1.0500	5.5400	0.0000	5	-12.9μ	-1.25μ	-1.21m	0	-0.002	0	-12.9μ	-1.25μ	-1.21m	0	-
0.002	0																
676	0	33	2.5400	5.5400	0.0000	5	-0.51μ	-1.42μ	-1.18m	0	0	0	-0.51μ	-1.42μ	-1.18m	0	
	0	0															
723	0	34	4.0500	5.5400	0.0000	5	12.1μ	-1.27μ	-1.21m	0	0.002	0	12.1μ	-1.27μ	-1.21m	0	
	0.002	0															
758	0	35	5.2000	5.5400	0.0000	5	20.1μ	-0.98μ	-1.26m	0	0.003	0	20.1μ	-0.98μ	-1.26m	0	
	0.003	0															
801	0	36	0.0000	7.0400	0.0000	5	-20.4μ	-0.20μ	-1.26m	0	-0.003	0	-20.4μ	-0.20μ	-1.26m	0	-
0.003	0																
797	0	37	1.0500	7.0400	0.0000	5	-13.1μ	-0.24μ	-1.21m	0	-0.002	0	-13.1μ	-0.24μ	-1.21m	0	-
0.002	0																
848	0	38	2.5400	7.0400	0.0000	5	-0.52μ	-0.26μ	-1.18m	0	0	0	-0.52μ	-0.26μ	-1.18m	0	
	0	0															
895	0	39	4.0500	7.0400	0.0000	5	12.2μ	-0.24μ	-1.21m	0	0.002	0	12.2μ	-0.24μ	-1.21m	0	
	0.002	0															
930	0	40	5.2000	7.0400	0.0000	5	20.4μ	-0.20μ	-1.26m	0	0.003	0	20.4μ	-0.20μ	-1.26m	0	
	0.003	0															
949	0	41	0.0000	7.3000	0.0000	5	-20.4μ	-77.3n	-1.26m	0	-0.003	0	-20.4μ	-77.3n	-1.26m	0	-
0.003	0																
945	0	42	1.0500	7.3000	0.0000	5	-13.1μ	-91.3n	-1.21m	0	-0.002	0	-13.1μ	-91.3n	-1.21m	0	-
0.002	0																
964	0	43	2.5400	7.3000	0.0000	5	-0.52μ	-0.10μ	-1.18m	0	0	0	-0.52μ	-0.10μ	-1.18m	0	
	0	0															
983	0	44	4.0500	7.3000	0.0000	5	12.3μ	-92.3n	-1.21m	0	0.002	0	12.3μ	-92.3n	-1.21m	0	
	0.002	0															
998	0	45	5.2000	7.3000	0.0000	5	20.4μ	-77.3n	-1.26m	0	0.003	0	20.4μ	-77.3n	-1.26m	0	
	0.003	0															
1017	0	46	0.0000	7.5600	0.0000	5	-20.4μ	48.2n	-1.26m	0	-0.003	0	-20.4μ	48.2n	-1.26m	0	-
0.003	0																
1013	0	47	1.0500	7.5600	0.0000	5	-13.1μ	56.8n	-1.21m	0	-0.002	0	-13.1μ	56.8n	-1.21m	0	-
0.002	0																
1032	0	48	2.5400	7.5600	0.0000	5	-0.52μ	62.5n	-1.18m	0	0	0	-0.52μ	62.5n	-1.18m	0	
	0	0															
1051	0	49	4.0500	7.5600	0.0000	5	12.3μ	57.6n	-1.21m	0	0.002	0	12.3μ	57.6n	-1.21m	0	
	0.002	0															
1066	0	50	5.2000	7.5600	0.0000	5	20.4μ	48.2n	-1.26m	0	0.003	0	20.4μ	48.2n	-1.26m	0	
	0.003	0															
1109	0	51	0.0000	9.0600	0.0000	5	-20.2μ	0.81μ	-1.26m	0	-0.003	0	-20.2μ	0.81μ	-1.26m	0	-
0.003	0																
1105	0	52	1.0500	9.0600	0.0000	5	-13.0μ	1.00μ	-1.21m	0	-0.002	0	-13.0μ	1.00μ	-1.21m	0	-
0.002	0																
1156	0	53	2.5400	9.0600	0.0000	5	-0.52μ	1.13μ	-1.18m	0	0	0	-0.52μ	1.13μ	-1.18m	0	
	0	0															
1203	0	54	4.0500	9.0600	0.0000	5	12.2μ	1.02μ	-1.21m	0	0.002	0	12.2μ	1.02μ	-1.21m	0	
	0.002	0															
1238	0	55	5.2000	9.0600	0.0000	5	20.2μ	0.81μ	-1.26m	0	0.003	0	20.2μ	0.81μ	-1.26m	0	
	0.003	0															
1281	0	56	0.0000	10.5600	0.0000	5	-19.5μ	1.70μ	-1.27m	0	-0.003	0	-19.5μ	1.70μ	-1.27m	0	-
0.003	0																
1277	0	57	1.0500	10.5600	0.0000	5	-12.5μ	2.45μ	-1.22m	0	-0.002	0	-12.5μ	2.45μ	-1.22m	0	-

0.002	0															
1328	0	58	2.5400	10.5600	0.0000	5	-0.50μ	2.91μ	-1.19m	0	0	0	-0.50μ	2.91μ	-1.19m	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	5	11.7μ	2.51μ	-1.21m	0	0.002	0	11.7μ	2.51μ	-1.21m	0
	0.002	0														
1410	0	60	5.2000	10.5600	0.0000	5	19.5μ	1.70μ	-1.27m	0	0.003	0	19.5μ	1.70μ	-1.27m	0
	0.003	0														
1429	0	61	0.0000	10.8200	0.0000	5	-19.2μ	1.87μ	-1.27m	0	-0.003	0	-19.2μ	1.87μ	-1.27m	0
0.003	0															-
1425	0	62	1.0500	10.8200	0.0000	5	-12.3μ	2.79μ	-1.22m	0	-0.002	0	-12.3μ	2.79μ	-1.22m	0
0.002	0															-
1444	0	63	2.5400	10.8200	0.0000	5	-0.49μ	3.34μ	-1.19m	-0.001	0	0	-0.49μ	3.34μ	-1.19m	-0.001
	0	0														
1463	0	64	4.0500	10.8200	0.0000	5	11.5μ	2.86μ	-1.22m	0	0.002	0	11.5μ	2.86μ	-1.22m	0
	0.002	0														
1478	0	65	5.2000	10.8200	0.0000	5	19.2μ	1.87μ	-1.27m	0	0.003	0	19.2μ	1.87μ	-1.27m	0
	0.003	0														
1497	0	66	0.0000	11.0800	0.0000	5	-19.0μ	2.05μ	-1.27m	0	-0.003	0	-19.0μ	2.05μ	-1.27m	0
0.003	0															-
1493	0	67	1.0500	11.0800	0.0000	5	-12.1μ	3.16μ	-1.22m	-0.001	-0.002	0	-12.1μ	3.16μ	-1.22m	-0.001
0.002	0															-
1512	0	68	2.5400	11.0800	0.0000	5	-0.48μ	3.82μ	-1.20m	-0.001	0	0	-0.48μ	3.82μ	-1.20m	-0.001
	0	0														
1531	0	69	4.0500	11.0800	0.0000	5	11.3μ	3.24μ	-1.22m	-0.001	0.002	0	11.3μ	3.24μ	-1.22m	-0.001
	0.002	0														
1546	0	70	5.2000	11.0800	0.0000	5	18.9μ	2.05μ	-1.27m	0	0.003	0	18.9μ	2.05μ	-1.27m	0
	0.003	0														
1589	0	71	0.0000	12.5800	0.0000	5	-15.7μ	3.19μ	-1.28m	-0.001	-0.003	0	-15.7μ	3.19μ	-1.28m	-0.001
0.003	0															-
1585	0	72	1.0500	12.5800	0.0000	5	-10.0μ	6.05μ	-1.24m	-0.001	-0.002	0	-10.0μ	6.05μ	-1.24m	-0.001
0.002	0															-
1636	0	73	2.5400	12.5800	0.0000	5	-0.40μ	7.60μ	-1.22m	-0.001	0	0	-0.40μ	7.60μ	-1.22m	-0.001
	0	0														
1683	0	74	4.0500	12.5800	0.0000	5	9.41μ	6.24μ	-1.24m	-0.001	0.002	0	9.41μ	6.24μ	-1.24m	-0.001
	0.002	0														
1718	0	75	5.2000	12.5800	0.0000	5	15.7μ	3.19μ	-1.28m	-0.001	0.003	0	15.7μ	3.19μ	-1.28m	-0.001
	0.003	0														
1761	0	76	0.0000	14.0800	0.0000	5	-8.07μ	4.58μ	-1.30m	-0.001	-0.001	0	-8.07μ	4.58μ	-1.30m	-0.001
0.001	0															-
1757	0	77	1.0500	14.0800	0.0000	5	-5.73μ	9.96μ	-1.28m	-0.002	-0.001	0	-5.73μ	9.96μ	-1.28m	-0.002
0.001	0															-
1808	0	78	2.5400	14.0800	0.0000	5	-0.24μ	13.0μ	-1.26m	-0.002	0	0	-0.24μ	13.0μ	-1.26m	-0.002
	0	0														
1855	0	79	4.0500	14.0800	0.0000	5	5.39μ	10.3μ	-1.27m	-0.002	0.001	0	5.39μ	10.3μ	-1.27m	-0.002
	0.001	0														
1890	0	80	5.2000	14.0800	0.0000	5	8.06μ	4.58μ	-1.30m	-0.001	0.001	0	8.06μ	4.58μ	-1.30m	-0.001
	0.001	0														
1921	0	81	0.0000	14.9200	0.0000	5	-2.95μ	5.56μ	-1.31m	-0.001	0	0	-2.95μ	5.56μ	-1.31m	-0.001
	0	0														
1917	0	82	1.0500	14.9200	0.0000	5	-1.75μ	11.7μ	-1.30m	-0.002	0	0	-1.75μ	11.7μ	-1.30m	-0.002
	0	0														
1952	0	83	2.5400	14.9200	0.0000	5	-72.3n	16.3μ	-1.30m	-0.003	0	0	-72.3n	16.3μ	-1.30m	-0.003
	0	0														
1985	0	84	4.0500	14.9200	0.0000	5	1.61μ	12.2μ	-1.30m	-0.002	0	0	1.61μ	12.2μ	-1.30m	-0.002
	0	0														
2010	0	85	5.2000	14.9200	0.0000	5	2.92μ	5.56μ	-1.31m	-0.001	0	0	2.92μ	5.56μ	-1.31m	-0.001
	0	0														
400	1	1	0.0000	0.0000	1.6000	5	-9.06μ	-23.9μ	-1.31m	0	0	0	-9.06μ	-23.9μ	-1.31m	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	5	-6.69μ	-61.0μ	-1.30m	0.002	0	-0.003	-6.69μ	-61.0μ	-1.30m	0.002
	0	-0.003														
332	1	3	2.5400	0.0000	1.6000	5	-0.32μ	-0.10m	-1.30m	0.003	0	0	-0.32μ	-0.10m	-1.30m	0.003
	0	0														
483	1	4	4.0500	0.0000	1.6000	5	6.30μ	-65.9μ	-1.30m	0.002	0	0.003	6.30μ	-65.9μ	-1.30m	0.002
	0	0.003														
49	1	5	5.2000	0.0000	1.6000	5	9.00μ	-23.9μ	-1.31m	0	0	0	9.00μ	-23.9μ	-1.31m	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	5	-25.5μ	-23.2μ	-1.30m	0	-0.001	0.003	-25.5μ	-23.2μ	-1.30m	0
0.001	0.003															-
40	1	10	5.2000	0.5200	1.6000	5	25.5μ	-23.2μ	-1.30m	0	0.001	-0.003	25.5μ	-23.2μ	-1.30m	0
	0.001	-0.003														
2370	1	11	0.0000	2.0200	1.6000	5	-0.11m	-18.8μ	-1.29m	0	-0.004	0.003	-0.11m	-18.8μ	-1.29m	0
0.004	0.003															-
106	1	15	5.2000	2.0200	1.6000	5	0.11m	-18.8μ	-1.29m	0	0.004	-0.003	0.11m	-18.8μ	-1.29m	0
	0.004	-0.003														
2288	1	16	0.0000	3.5200	1.6000	5	-0.16m	-13.1μ	-1.27m	0	-0.005	0.001	-0.16m	-13.1μ	-1.27m	0
0.005	0.001															-
118	1	20	5.2000	3.5200	1.6000	5	0.16m	-13.1μ	-1.27m	0	0.005	-0.001	0.16m	-13.1μ	-1.27m	0
	0.005	-0.001														
2275	1	21	0.0000	3.7800	1.6000	5	-0.16m	-12.1μ	-1.27m	0	-0.006	0.001	-0.16m	-12.1μ	-1.27m	0
0.006	0.001															-
136	1	25	5.2000	3.7800	1.6000	5	0.16m	-12.1μ	-1.27m	0	0.006	-0.001	0.16m	-12.1μ	-1.27m	0
	0.006	-0.001														
2319	1	26	0.0000	4.0400	1.6000	5	-0.16m	-11.2μ	-1.27m	0	-0.006	0.001	-0.16m	-11.2μ	-1.27m	0
0.006	0.001															-
127	1	30	5.2000	4.0400	1.6000	5	0.16m	-11.2μ	-1.27m	0	0.006	-0.001	0.16m	-11.2μ	-1.27m	0
	0.006	-0.001														
2396	1	31	0.0000	5.5400	1.6000	5	-0.18m	-5.97μ	-1.26m	0	-0.006	0	-0.18m	-5.97μ	-1.26m	0
0.006	0															-
726	1	35	5.2000	5.5400	1.6000	5	0.18m	-5.97μ	-1.26m	0	0.006	0	0.18m	-5.97μ	-1.26m	0
	0.006	0														
858	1	36	0.0000	7.0400	1.6000	5	-0.18m	-1.27μ	-1.26m	0	-0.006	0	-0.18m	-1.27μ		

0.006	0															
762	1	45	5.2000	7.3000	1.6000	5	0.18m	-0.48μ	-1.26m	0	0.006	0	0.18m	-0.48μ	-1.26m	0
	0.006	0														
889	1	46	0.0000	7.5600	1.6000	5	-0.18m	0.31μ	-1.26m	0	-0.006	0	-0.18m	0.31μ	-1.26m	0
0.006	0															-
753	1	50	5.2000	7.5600	1.6000	5	0.18m	0.31μ	-1.26m	0	0.006	0	0.18m	0.31μ	-1.26m	0
	0.006	0														
2029	1	51	0.0000	9.0600	1.6000	5	-0.18m	4.93μ	-1.26m	0	-0.006	0	-0.18m	4.93μ	-1.26m	0
0.006	0															-
1073	1	55	5.2000	9.0600	1.6000	5	0.18m	4.94μ	-1.26m	0	0.006	0	0.18m	4.94μ	-1.26m	0
	0.006	0														
1205	1	56	0.0000	10.5600	1.6000	5	-0.17m	10.0μ	-1.27m	0	-0.006	-0.001	-0.17m	10.0μ	-1.27m	0
0.006	-0.001															-
1091	1	60	5.2000	10.5600	1.6000	5	0.17m	10.0μ	-1.27m	0	0.006	0.001	0.17m	10.0μ	-1.27m	0
	0.006	0.001														
1192	1	61	0.0000	10.8200	1.6000	5	-0.17m	11.0μ	-1.27m	0	-0.006	-0.001	-0.17m	11.0μ	-1.27m	0
0.006	-0.001															-
1109	1	65	5.2000	10.8200	1.6000	5	0.17m	11.0μ	-1.27m	0	0.006	0.001	0.17m	11.0μ	-1.27m	0
	0.006	0.001														
1236	1	66	0.0000	11.0800	1.6000	5	-0.16m	11.9μ	-1.27m	0	-0.006	-0.001	-0.16m	11.9μ	-1.27m	0
0.006	-0.001															-
1100	1	70	5.2000	11.0800	1.6000	5	0.16m	11.9μ	-1.27m	0	0.006	0.001	0.16m	11.9μ	-1.27m	0
	0.006	0.001														
1848	1	71	0.0000	12.5800	1.6000	5	-0.12m	17.6μ	-1.28m	0	-0.004	-0.002	-0.12m	17.6μ	-1.28m	0
0.004	-0.002															-
1667	1	75	5.2000	12.5800	1.6000	5	0.12m	17.6μ	-1.28m	0	0.004	0.002	0.12m	17.6μ	-1.28m	0
	0.004	0.002														
1505	1	76	0.0000	14.0800	1.6000	5	-43.7μ	22.5μ	-1.30m	0	-0.001	-0.003	-43.7μ	22.5μ	-1.30m	0
0.001	-0.003															-
1685	1	80	5.2000	14.0800	1.6000	5	43.6μ	22.5μ	-1.30m	0	0.001	0.003	43.6μ	22.5μ	-1.30m	0
	0.001	0.003														
1542	1	81	0.0000	14.9200	1.6000	5	-9.06μ	23.9μ	-1.31m	0	0	0	-9.06μ	23.9μ	-1.31m	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	5	-6.70μ	61.0μ	-1.30m	-0.002	0	0.003	-6.70μ	61.0μ	-1.30m	-0.002
	0	0.003														
1805	1	83	2.5400	14.9200	1.6000	5	-0.32μ	0.10m	-1.30m	-0.003	0	0	-0.32μ	0.10m	-1.30m	-0.003
	0	0														
1590	1	84	4.0500	14.9200	1.6000	5	6.30μ	65.8μ	-1.30m	-0.002	0	-0.003	6.30μ	65.8μ	-1.30m	-0.002
	0	-0.003														
1734	1	85	5.2000	14.9200	1.6000	5	9.01μ	23.9μ	-1.31m	0	0	0	9.01μ	23.9μ	-1.31m	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Famiglia Cmb. 6) Sismica SLO

Nodo						Min.										Max.	
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
[°]	rot z [°]																
FEM																	
15	0	1	0.0000	0.0000	0.0000	6	-3.53μ	-5.64μ	-1.31m	0.001	-0.001	0	-2.36μ	-5.38μ	-1.31m	0.001	
	0	0															
19	0	2	1.0500	0.0000	0.0000	6	-2.34μ	-11.8μ	-1.31m	0.002	0	0	-1.19μ	-11.5μ	-1.30m	0.002	
	0	0															
50	0	3	2.5400	0.0000	0.0000	6	-0.63μ	-16.5μ	-1.30m	0.003	0	0	0.49μ	-16.1μ	-1.30m	0.003	
	0	0															
81	0	4	4.0500	0.0000	0.0000	6	1.05μ	-12.4μ	-1.30m	0.002	0	0	2.20μ	-12.1μ	-1.30m	0.002	
	0	0															
104	0	5	5.2000	0.0000	0.0000	6	2.33μ	-5.64μ	-1.31m	0.001	0	0	3.50μ	-5.38μ	-1.30m	0.001	
	0.001	0															
25	0	6	0.0000	0.5200	0.0000	6	-6.39μ	-5.12μ	-1.31m	0.001	-0.001	0	-5.20μ	-4.85μ	-1.30m	0.001	-
0.001	0																
21	0	7	1.0500	0.5200	0.0000	6	-4.99μ	-10.9μ	-1.29m	0.002	-0.001	0	-3.86μ	-10.6μ	-1.28m	0.002	-
0.001	0																
52	0	8	2.5400	0.5200	0.0000	6	-0.71μ	-14.4μ	-1.28m	0.002	0	0	0.35μ	-14.1μ	-1.27m	0.002	
	0	0															
83	0	9	4.0500	0.5200	0.0000	6	3.59μ	-11.3μ	-1.29m	0.002	0.001	0	4.71μ	-11.0μ	-1.28m	0.002	
	0.001	0															
106	0	10	5.2000	0.5200	0.0000	6	5.19μ	-5.12μ	-1.31m	0.001	0.001	0	6.38μ	-4.85μ	-1.30m	0.001	
	0.001	0															
149	0	11	0.0000	2.0200	0.0000	6	-15.1μ	-3.57μ	-1.29m	0.001	-0.002	0	-13.9μ	-3.34μ	-1.28m	0.001	-
0.002	0																
145	0	12	1.0500	2.0200	0.0000	6	-9.87μ	-6.95μ	-1.25m	0.001	-0.002	0	-8.78μ	-6.71μ	-1.25m	0.001	-
0.001	0																
196	0	13	2.5400	2.0200	0.0000	6	-0.84μ	-8.74μ	-1.23m	0.001	0	0	90.7n	-8.53μ	-1.23m	0.001	
	0	0															
243	0	14	4.0500	2.0200	0.0000	6	8.22μ	-7.17μ	-1.25m	0.001	0.001	0	9.29μ	-6.94μ	-1.24m	0.001	
	0.002	0															
278	0	15	5.2000	2.0200	0.0000	6	13.9μ	-3.57μ	-1.29m	0.001	0.002	0	15.1μ	-3.34μ	-1.28m	0.001	
	0.002	0															
321	0	16	0.0000	3.5200	0.0000	6	-19.1μ	-2.37μ	-1.28m	0	-0.003	0	-17.9μ	-2.18μ	-1.27m	0	-
0.003	0																
317	0	17	1.0500	3.5200	0.0000	6	-12.3μ	-3.75μ	-1.23m	0.001	-0.002	0	-11.3μ	-3.59μ	-1.22m	0.001	-
0.002	0																
368	0	18	2.5400	3.5200	0.0000	6	-0.90μ	-4.54μ	-1.20m	0.001	0	0	-38.4n	-4.41μ	-1.20m	0.001	
	0	0															
415	0	19	4.0500	3.5200	0.0000	6	10.5μ	-3.85μ	-1.22m	0.001	0.002	0	11.6μ	-3.69μ	-1.22m	0.001	
	0.002	0															
450	0	20	5.2000	3.5200	0.0000	6	17.9μ	-2.37μ	-1.28m	0	0.003	0	19.1μ	-2.18μ	-1.27m	0	
	0.003	0															
469	0	21	0.0000	3.7800	0.0000	6	-19.5μ	-2.18μ	-1.27m	0	-0.003	0	-18.3μ	-2.00μ	-1.27m	0	-
0.003	0																
465	0	22	1.0500	3.7800	0.0000	6	-12.6μ	-3.33μ	-1.23m	0.001	-0.002	0	-11.5μ	-3.17μ	-1.22m	0.001	-

0.002	0															
484	0	23	2.5400	3.7800	0.0000	6	-0.91μ	-3.99μ	-1.20m	0.001	0	0	-52.2n	-3.88μ	-1.20m	0.001
	0	0														
503	0	24	4.0500	3.7800	0.0000	6	10.8μ	-3.41μ	-1.22m	0.001	0.002	0	11.8μ	-3.26μ	-1.22m	0.001
	0.002	0														
518	0	25	5.2000	3.7800	0.0000	6	18.2μ	-2.18μ	-1.27m	0	0.003	0	19.5μ	-2.00μ	-1.27m	0
	0.003	0														
537	0	26	0.0000	4.0400	0.0000	6	-19.8μ	-2.00μ	-1.27m	0	-0.003	0	-18.6μ	-1.82μ	-1.26m	0
0.003	0															-
533	0	27	1.0500	4.0400	0.0000	6	-12.8μ	-2.94μ	-1.22m	0	-0.002	0	-11.7μ	-2.80μ	-1.22m	0
0.002	0															-
552	0	28	2.5400	4.0400	0.0000	6	-0.91μ	-3.50μ	-1.19m	0.001	0	0	-64.0n	-3.39μ	-1.19m	0.001
	0	0														
571	0	29	4.0500	4.0400	0.0000	6	11.0μ	-3.01μ	-1.22m	0	0.002	0	12.0μ	-2.87μ	-1.22m	0
	0.002	0														
586	0	30	5.2000	4.0400	0.0000	6	18.6μ	-2.00μ	-1.27m	0	0.003	0	19.8μ	-1.82μ	-1.26m	0
	0.003	0														
629	0	31	0.0000	5.5400	0.0000	6	-20.7μ	-1.06μ	-1.27m	0	-0.003	0	-19.6μ	-0.91μ	-1.26m	0
0.003	0															-
625	0	32	1.0500	5.5400	0.0000	6	-13.4μ	-1.30μ	-1.21m	0	-0.002	0	-12.4μ	-1.20μ	-1.21m	0
0.002	0															-
676	0	33	2.5400	5.5400	0.0000	6	-0.93μ	-1.46μ	-1.18m	0	0	0	-0.10μ	-1.39μ	-1.18m	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	6	11.6μ	-1.32μ	-1.21m	0	0.002	0	12.6μ	-1.22μ	-1.21m	0
	0.002	0														
758	0	35	5.2000	5.5400	0.0000	6	19.5μ	-1.05μ	-1.27m	0	0.003	0	20.7μ	-0.91μ	-1.26m	0
	0.003	0														
801	0	36	0.0000	7.0400	0.0000	6	-21.0μ	-0.27μ	-1.26m	0	-0.003	0	-19.8μ	-0.14μ	-1.26m	0
0.003	0															-
797	0	37	1.0500	7.0400	0.0000	6	-13.5μ	-0.28μ	-1.21m	0	-0.002	0	-12.6μ	-0.20μ	-1.21m	0
0.002	0															-
848	0	38	2.5400	7.0400	0.0000	6	-0.93μ	-0.30μ	-1.18m	0	0	0	-0.12μ	-0.23μ	-1.18m	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	6	11.8μ	-0.29μ	-1.21m	0	0.002	0	12.7μ	-0.20μ	-1.20m	0
	0.002	0														
930	0	40	5.2000	7.0400	0.0000	6	19.8μ	-0.27μ	-1.26m	0	0.003	0	20.9μ	-0.14μ	-1.26m	0
	0.003	0														
949	0	41	0.0000	7.3000	0.0000	6	-21.0μ	-0.14μ	-1.26m	0	-0.003	0	-19.8μ	-17.1n	-1.26m	0
0.003	0															-
945	0	42	1.0500	7.3000	0.0000	6	-13.5μ	-0.13μ	-1.21m	0	-0.002	0	-12.6μ	-49.6n	-1.21m	0
0.002	0															-
964	0	43	2.5400	7.3000	0.0000	6	-0.93μ	-0.13μ	-1.18m	0	0	0	-0.12μ	-67.4n	-1.18m	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	6	11.8μ	-0.13μ	-1.21m	0	0.002	0	12.7μ	-51.9n	-1.20m	0
	0.002	0														
998	0	45	5.2000	7.3000	0.0000	6	19.8μ	-0.14μ	-1.26m	0	0.003	0	21.0μ	-17.1n	-1.26m	0
	0.003	0														
1017	0	46	0.0000	7.5600	0.0000	6	-21.0μ	-11.6n	-1.26m	0	-0.003	0	-19.8μ	0.11μ	-1.26m	0
0.003	0															-
1013	0	47	1.0500	7.5600	0.0000	6	-13.5μ	15.4n	-1.21m	0	-0.002	0	-12.6μ	98.3n	-1.21m	0
0.002	0															-
1032	0	48	2.5400	7.5600	0.0000	6	-0.93μ	29.8n	-1.18m	0	0	0	-0.12μ	95.1n	-1.18m	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	6	11.8μ	17.3n	-1.21m	0	0.002	0	12.7μ	97.8n	-1.20m	0
	0.002	0														
1066	0	50	5.2000	7.5600	0.0000	6	19.8μ	-11.6n	-1.26m	0	0.003	0	21.0μ	0.11μ	-1.26m	0
	0.003	0														
1109	0	51	0.0000	9.0600	0.0000	6	-20.8μ	0.73μ	-1.27m	0	-0.003	0	-19.6μ	0.88μ	-1.26m	0
0.003	0															-
1105	0	52	1.0500	9.0600	0.0000	6	-13.4μ	0.96μ	-1.21m	0	-0.002	0	-12.5μ	1.05μ	-1.21m	0
0.002	0															-
1156	0	53	2.5400	9.0600	0.0000	6	-0.93μ	1.10μ	-1.18m	0	0	0	-0.11μ	1.16μ	-1.18m	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	6	11.7μ	0.97μ	-1.21m	0	0.002	0	12.6μ	1.07μ	-1.21m	0
	0.002	0														
1238	0	55	5.2000	9.0600	0.0000	6	19.6μ	0.73μ	-1.27m	0	0.003	0	20.8μ	0.88μ	-1.26m	0
	0.003	0														
1281	0	56	0.0000	10.5600	0.0000	6	-20.1μ	1.61μ	-1.27m	0	-0.003	0	-18.9μ	1.78μ	-1.26m	0
0.003	0															-
1277	0	57	1.0500	10.5600	0.0000	6	-13.0μ	2.38μ	-1.22m	0	-0.002	0	-11.9μ	2.52μ	-1.22m	0
0.002	0															-
1328	0	58	2.5400	10.5600	0.0000	6	-0.92μ	2.86μ	-1.19m	0	0	0	-75.9n	2.95μ	-1.19m	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	6	11.2μ	2.44μ	-1.22m	0	0.002	0	12.2μ	2.57μ	-1.21m	0
	0.002	0														
1410	0	60	5.2000	10.5600	0.0000	6	18.9μ	1.61μ	-1.27m	0	0.003	0	20.1μ	1.78μ	-1.26m	0
	0.003	0														
1429	0	61	0.0000	10.8200	0.0000	6	-19.9μ	1.78μ	-1.27m	0	-0.003	0	-18.6μ	1.96μ	-1.26m	0
0.003	0															-
1425	0	62	1.0500	10.8200	0.0000	6	-12.8μ	2.72μ	-1.22m	0	-0.002	0	-11.8μ	2.86μ	-1.22m	0
0.002	0															-
1444	0	63	2.5400	10.8200	0.0000	6	-0.91μ	3.29μ	-1.19m	-0.001	0	0	-66.4n	3.39μ	-1.19m	-0.001
	0	0														
1463	0	64	4.0500	10.8200	0.0000	6	11.0μ	2.79μ	-1.22m	0	0.002	0	12.0μ	2.92μ	-1.21m	0
	0.002	0														
1478	0	65	5.2000	10.8200	0.0000	6	18.6μ	1.78μ	-1.27m	0	0.003	0	19.8μ	1.96μ	-1.26m	0
	0.003	0														
1497	0	66	0.0000	11.0800	0.0000	6	-19.6μ	1.95μ	-1.27m	0	-0.003	0	-18.3μ	2.14μ	-1.27m	0
0.003	0															-
1493	0	67	1.0500	11.0800	0.0000	6	-12.6μ	3.09μ	-1.22m	-0.001	-0.002	0	-11.6μ	3.23μ	-1.22m	-0.001
0.002	0															-
1512	0	68	2.5400	11.0800	0.0000	6	-0.91μ	3.76μ	-1.20m	-0.001	0	0	-55.0n	3.87μ	-1.20m	-0.001
	0	0														
1531	0	69	4.0500	11.0800	0.0000	6	10.8μ	3.17μ	-1.22m	-0.001	0.002	0	11.8μ	3.31μ	-1.22m	-0.001
	0.002	0														
1546	0	70	5.2000	11.												

1589	0.003	0	0.0000	12.5800	0.0000	6	-16.3μ	3.08μ	-1.28m	-0.001	-0.003	0	-15.1μ	3.30μ	-1.28m	-0.001	-
0.002	0	0															
1585	0	72	1.0500	12.5800	0.0000	6	-10.6μ	5.94μ	-1.24m	-0.001	-0.002	0	-9.49μ	6.15μ	-1.24m	-0.001	-
0.002	0																
1636	0	73	2.5400	12.5800	0.0000	6	-0.86μ	7.50μ	-1.22m	-0.001	0	0	54.8n	7.70μ	-1.22m	-0.001	
	0	0															
1683	0	74	4.0500	12.5800	0.0000	6	8.88μ	6.13μ	-1.24m	-0.001	0.001	0	9.94μ	6.35μ	-1.24m	-0.001	
	0.002	0															
1718	0	75	5.2000	12.5800	0.0000	6	15.1μ	3.08μ	-1.28m	-0.001	0.002	0	16.3μ	3.30μ	-1.28m	-0.001	
	0.003	0															
1761	0	76	0.0000	14.0800	0.0000	6	-8.67μ	4.45μ	-1.30m	-0.001	-0.001	0	-7.46μ	4.71μ	-1.29m	-0.001	-
0.001	0																
1757	0	77	1.0500	14.0800	0.0000	6	-6.29μ	9.81μ	-1.28m	-0.002	-0.001	0	-5.17μ	10.1μ	-1.27m	-0.002	-
0.001	0																
1808	0	78	2.5400	14.0800	0.0000	6	-0.75μ	12.8μ	-1.26m	-0.002	0	0	0.28μ	13.1μ	-1.26m	-0.002	
	0	0															
1855	0	79	4.0500	14.0800	0.0000	6	4.83μ	10.2μ	-1.28m	-0.002	0.001	0	5.95μ	10.5μ	-1.27m	-0.002	
	0.001	0															
1890	0	80	5.2000	14.0800	0.0000	6	7.45μ	4.45μ	-1.30m	-0.001	0.001	0	8.66μ	4.71μ	-1.29m	-0.001	
	0.001	0															
1921	0	81	0.0000	14.9200	0.0000	6	-3.54μ	5.43μ	-1.31m	-0.001	-0.001	0	-2.36μ	5.70μ	-1.31m	-0.001	
	0	0															
1917	0	82	1.0500	14.9200	0.0000	6	-2.33μ	11.5μ	-1.31m	-0.002	0	0	-1.18μ	11.8μ	-1.30m	-0.002	
	0	0															
1952	0	83	2.5400	14.9200	0.0000	6	-0.63μ	16.1μ	-1.30m	-0.003	0	0	0.49μ	16.5μ	-1.30m	-0.003	
	0	0															
1985	0	84	4.0500	14.9200	0.0000	6	1.04μ	12.1μ	-1.30m	-0.002	0	0	2.18μ	12.4μ	-1.30m	-0.002	
	0	0															
2010	0	85	5.2000	14.9200	0.0000	6	2.33μ	5.43μ	-1.31m	-0.001	0	0	3.51μ	5.70μ	-1.30m	-0.001	
	0.001	0															
400	1	1	0.0000	0.0000	1.6000	6	-12.3μ	-24.6μ	-1.31m	0	0	0	-5.78μ	-23.2μ	-1.30m	0	
	0	0															
326	1	2	1.0500	0.0000	1.6000	6	-9.92μ	-62.5μ	-1.31m	0.002	0	-0.003	-3.46μ	-59.5μ	-1.30m	0.002	
	0	-0.003															
332	1	3	2.5400	0.0000	1.6000	6	-3.51μ	-0.11m	-1.30m	0.003	0	0	2.87μ	-0.10m	-1.30m	0.003	
	0	0															
483	1	4	4.0500	0.0000	1.6000	6	3.07μ	-67.4μ	-1.31m	0.002	0	0.003	9.52μ	-64.3μ	-1.30m	0.002	
	0	0.003															
49	1	5	5.2000	0.0000	1.6000	6	5.72μ	-24.6μ	-1.31m	0	0	0	12.3μ	-23.2μ	-1.30m	0	
	0	0															
259	1	6	0.0000	0.5200	1.6000	6	-29.1μ	-23.9μ	-1.31m	0	-0.001	0.003	-21.9μ	-22.5μ	-1.30m	0	-
0.001	0.003																
40	1	10	5.2000	0.5200	1.6000	6	21.8μ	-23.9μ	-1.31m	0	0.001	-0.003	29.1μ	-22.5μ	-1.30m	0	
	0.001	-0.003															
2370	1	11	0.0000	2.0200	1.6000	6	-0.11m	-19.5μ	-1.29m	0	-0.004	0.003	-0.11m	-18.2μ	-1.28m	0	-
0.003	0.003																
106	1	15	5.2000	2.0200	1.6000	6	0.11m	-19.5μ	-1.29m	0	0.003	-0.003	0.11m	-18.2μ	-1.28m	0	
	0.004	-0.003															
2288	1	16	0.0000	3.5200	1.6000	6	-0.16m	-13.7μ	-1.28m	0	-0.006	0.001	-0.15m	-12.6μ	-1.27m	0	-
0.005	0.001																
118	1	20	5.2000	3.5200	1.6000	6	0.15m	-13.7μ	-1.28m	0	0.005	-0.001	0.16m	-12.6μ	-1.27m	0	
	0.006	-0.001															
2275	1	21	0.0000	3.7800	1.6000	6	-0.17m	-12.7μ	-1.28m	0	-0.006	0.001	-0.16m	-11.6μ	-1.27m	0	-
0.005	0.001																
136	1	25	5.2000	3.7800	1.6000	6	0.16m	-12.7μ	-1.28m	0	0.005	-0.001	0.17m	-11.6μ	-1.27m	0	
	0.006	-0.001															
2319	1	26	0.0000	4.0400	1.6000	6	-0.17m	-11.7μ	-1.27m	0	-0.006	0.001	-0.16m	-10.6μ	-1.27m	0	-
0.006	0.001																
127	1	30	5.2000	4.0400	1.6000	6	0.16m	-11.7μ	-1.27m	0	0.006	-0.001	0.17m	-10.7μ	-1.27m	0	
	0.006	-0.001															
2396	1	31	0.0000	5.5400	1.6000	6	-0.18m	-6.41μ	-1.27m	0	-0.006	0	-0.17m	-5.53μ	-1.26m	0	-
0.006	0																
726	1	35	5.2000	5.5400	1.6000	6	0.17m	-6.41μ	-1.27m	0	0.006	0	0.18m	-5.53μ	-1.26m	0	
	0.006	0															
858	1	36	0.0000	7.0400	1.6000	6	-0.18m	-1.65μ	-1.27m	0	-0.006	0	-0.17m	-0.90μ	-1.26m	0	-
0.006	0																
744	1	40	5.2000	7.0400	1.6000	6	0.17m	-1.65μ	-1.26m	0	0.006	0	0.18m	-0.90μ	-1.26m	0	
	0.006	0															
845	1	41	0.0000	7.3000	1.6000	6	-0.18m	-0.85μ	-1.26m	0	-0.006	0	-0.17m	-0.12μ	-1.26m	0	-
0.006	0																
762	1	45	5.2000	7.3000	1.6000	6	0.17m	-0.85μ	-1.26m	0	0.006	0	0.18m	-0.12μ	-1.26m	0	
	0.006	0															
889	1	46	0.0000	7.5600	1.6000	6	-0.18m	-56.4n	-1.26m	0	-0.006	0	-0.17m	0.67μ	-1.26m	0	-
0.006	0																
753	1	50	5.2000	7.5600	1.6000	6	0.17m	-54.9n	-1.26m	0	0.006	0	0.18m	0.67μ	-1.26m	0	
	0.006	0															
2029	1	51	0.0000	9.0600	1.6000	6	-0.18m	4.51μ	-1.27m	0	-0.006	0	-0.17m	5.36μ	-1.26m	0	-
0.006	0																
1073	1	55	5.2000	9.0600	1.6000	6	0.17m	4.51μ	-1.27m	0	0.006	0	0.18m	5.36μ	-1.26m	0	
	0.006	0															
1205	1	56	0.0000	10.5600	1.6000	6	-0.17m	9.51μ	-1.27m	0	-0.006	-0.001	-0.16m	10.5μ	-1.26m	0	-
0.006	-0.001																
1091	1	60	5.2000	10.5600	1.6000	6	0.16m	9.52μ	-1.27m	0	0.006	0.001	0.17m	10.5μ	-1.26m	0	
	0.006	0.001															
1192	1	61	0.0000	10.8200	1.6000	6	-0.17m	10.4μ	-1.27m	0	-0.006	-0.001	-0.16m	11.5μ	-1.27m	0	-
0.006	-0.001																
1109	1	65	5.2000	10.8200	1.6000	6	0.16m	10.4μ	-1.27m	0	0.006	0.001	0.17m	11.5μ	-1.27m	0	
	0.006	0.001															
1236	1	66	0.0000	11.0800	1.6000	6	-0.17m	11.4μ	-1.28m	0	-0.006	-0.001	-0.16m	12.4μ	-1.27m	0	-
0.005	-0.001																
1100	1	70	5.2000	11.0800	1.6000	6	0.16m	11.4μ	-1.28m	0	0.005	0.001	0.17m	12.5μ	-1.27m	0	
	0.006	0.001															
1848	1	71	0.0000	12.5800	1.6000	6	-0.13m	17.0μ	-1.29m	0	-0.004	-0.002	-0.12m	18.3μ	-1.28m	0	-
0.004	-0.002																
1667	1	75	5.2000	12.5800	1.6000	6	0.12m	17.0μ	-1.29m	0	0.004	0.002	0.13m	18.3μ	-1.28m	0	

1505	0.004	0.002	1	76	0.0000	14.0800	1.6000	6	-47.5μ	21.9μ	-1.30m	0	-0.001	-0.004	-39.8μ	23.2μ	-1.29m	0	-
0.001	-0.003		1	80	5.2000	14.0800	1.6000	6	39.8μ	21.9μ	-1.30m	0	0.001	0.003	47.5μ	23.2μ	-1.29m	0	
1685	0.001	0.004	1	81	0.0000	14.9200	1.6000	6	-12.3μ	23.2μ	-1.31m	0	0	0	-5.78μ	24.6μ	-1.30m	0	
1542	0	0	0	0															
1423	1	82	1	82	1.0500	14.9200	1.6000	6	-9.93μ	59.5μ	-1.31m	-0.002	0	0.003	-3.46μ	62.4μ	-1.30m	-0.002	
0	0	0.003	0	0															
1805	1	83	1	83	2.5400	14.9200	1.6000	6	-3.51μ	0.10m	-1.30m	-0.003	0	0	2.87μ	0.11m	-1.30m	-0.003	
0	0	0	0	0															
1590	1	84	1	84	4.0500	14.9200	1.6000	6	3.07μ	64.3μ	-1.31m	-0.002	0	-0.003	9.53μ	67.4μ	-1.30m	-0.002	
0	0	-0.003	0	0															
1734	1	85	1	85	5.2000	14.9200	1.6000	6	5.73μ	23.2μ	-1.31m	0	0	0	12.3μ	24.6μ	-1.30m	0	
0	0	0	0	0															

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Famiglia Cmb. 7) Sismica SLD

Nodo						Min.							Max.				
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
[°]	rot z [°]																
FEM																	
15	0	1	0.0000	0.0000	0.0000	7	-3.55μ	-5.65μ	-1.31m	0.001	-0.001	0	-2.34μ	-5.37μ	-1.30m	0.001	
	0	0															
19	0	2	1.0500	0.0000	0.0000	7	-2.35μ	-11.9μ	-1.31m	0.002	0	0	-1.17μ	-11.5μ	-1.30m	0.002	
	0	0															
50	0	3	2.5400	0.0000	0.0000	7	-0.65μ	-16.5μ	-1.30m	0.003	0	0	0.50μ	-16.1μ	-1.30m	0.003	
	0	0															
81	0	4	4.0500	0.0000	0.0000	7	1.03μ	-12.4μ	-1.30m	0.002	0	0	2.21μ	-12.0μ	-1.30m	0.002	
	0	0															
104	0	5	5.2000	0.0000	0.0000	7	2.32μ	-5.65μ	-1.31m	0.001	0	0	3.52μ	-5.37μ	-1.30m	0.001	
	0.001	0															
25	0	6	0.0000	0.5200	0.0000	7	-6.41μ	-5.13μ	-1.31m	0.001	-0.001	0	-5.18μ	-4.84μ	-1.30m	0.001	-
0.001	0																
21	0	7	1.0500	0.5200	0.0000	7	-5.01μ	-10.9μ	-1.29m	0.002	-0.001	0	-3.84μ	-10.6μ	-1.28m	0.002	-
0.001	0																
52	0	8	2.5400	0.5200	0.0000	7	-0.72μ	-14.4μ	-1.28m	0.002	0	0	0.36μ	-14.1μ	-1.27m	0.002	
	0	0															
83	0	9	4.0500	0.5200	0.0000	7	3.57μ	-11.3μ	-1.29m	0.002	0.001	0	4.73μ	-11.0μ	-1.28m	0.002	
	0.001	0															
106	0	10	5.2000	0.5200	0.0000	7	5.17μ	-5.13μ	-1.31m	0.001	0.001	0	6.40μ	-4.84μ	-1.30m	0.001	
	0.001	0															
149	0	11	0.0000	2.0200	0.0000	7	-15.2μ	-3.57μ	-1.29m	0.001	-0.002	0	-13.9μ	-3.33μ	-1.28m	0.001	-
0.002	0																
145	0	12	1.0500	2.0200	0.0000	7	-9.88μ	-6.96μ	-1.25m	0.001	-0.002	0	-8.77μ	-6.70μ	-1.25m	0.001	-
0.001	0																
196	0	13	2.5400	2.0200	0.0000	7	-0.86μ	-8.75μ	-1.23m	0.001	0	0	0.10μ	-8.53μ	-1.23m	0.001	
	0	0															
243	0	14	4.0500	2.0200	0.0000	7	8.20μ	-7.18μ	-1.25m	0.001	0.001	0	9.30μ	-6.93μ	-1.24m	0.001	
	0.002	0															
278	0	15	5.2000	2.0200	0.0000	7	13.9μ	-3.58μ	-1.29m	0.001	0.002	0	15.2μ	-3.33μ	-1.28m	0.001	
	0.002	0															
321	0	16	0.0000	3.5200	0.0000	7	-19.1μ	-2.38μ	-1.28m	0	-0.003	0	-17.9μ	-2.17μ	-1.27m	0	-
0.003	0																
317	0	17	1.0500	3.5200	0.0000	7	-12.3μ	-3.75μ	-1.23m	0.001	-0.002	0	-11.3μ	-3.58μ	-1.22m	0.001	-
0.002	0																
368	0	18	2.5400	3.5200	0.0000	7	-0.92μ	-4.54μ	-1.20m	0.001	0	0	-25.5n	-4.41μ	-1.20m	0.001	
	0	0															
415	0	19	4.0500	3.5200	0.0000	7	10.5μ	-3.85μ	-1.22m	0.001	0.002	0	11.6μ	-3.68μ	-1.22m	0.001	
	0.002	0															
450	0	20	5.2000	3.5200	0.0000	7	17.9μ	-2.38μ	-1.28m	0	0.003	0	19.1μ	-2.17μ	-1.27m	0	
	0.003	0															
469	0	21	0.0000	3.7800	0.0000	7	-19.5μ	-2.19μ	-1.27m	0	-0.003	0	-18.2μ	-1.99μ	-1.27m	0	-
0.003	0																
465	0	22	1.0500	3.7800	0.0000	7	-12.6μ	-3.33μ	-1.23m	0.001	-0.002	0	-11.5μ	-3.17μ	-1.22m	0.001	-
0.002	0																
484	0	23	2.5400	3.7800	0.0000	7	-0.92μ	-4.00μ	-1.20m	0.001	0	0	-39.2n	-3.87μ	-1.20m	0.001	
	0	0															
503	0	24	4.0500	3.7800	0.0000	7	10.8μ	-3.41μ	-1.22m	0.001	0.002	0	11.8μ	-3.26μ	-1.22m	0.001	
	0.002	0															
518	0	25	5.2000	3.7800	0.0000	7	18.2μ	-2.19μ	-1.27m	0	0.003	0	19.5μ	-1.99μ	-1.27m	0	
	0.003	0															
537	0	26	0.0000	4.0400	0.0000	7	-19.8μ	-2.01μ	-1.27m	0	-0.003	0	-18.6μ	-1.81μ	-1.26m	0	-
0.003	0																
533	0	27	1.0500	4.0400	0.0000	7	-12.8μ	-2.95μ	-1.22m	0	-0.002	0	-11.7μ	-2.79μ	-1.22m	0	-
0.002	0																
552	0	28	2.5400	4.0400	0.0000	7	-0.93μ	-3.50μ	-1.19m	0.001	0	0	-50.9n	-3.39μ	-1.19m	0.001	
	0	0															
571	0	29	4.0500	4.0400	0.0000	7	11.0μ	-3.02μ	-1.22m	0	0.002	0	12.0μ	-2.87μ	-1.22m	0	
	0.002	0															
586	0	30	5.2000	4.0400	0.0000	7	18.5μ	-2.01μ	-1.27m	0	0.003	0	19.8μ	-1.81μ	-1.26m	0	
	0.003	0															
629	0	31	0.0000	5.5400	0.0000	7	-20.8μ	-1.06μ	-1.27m	0	-0.003	0	-19.5μ	-0.90μ	-1.26m	0	-
0.003	0																
625	0	32	1.0500	5.5400	0.0000	7	-13.4μ	-1.31μ	-1.21m	0	-0.002	0	-12.4μ	-1.20μ	-1.21m	0	-
0.002	0																
676	0	33	2.5400	5.5400	0.0000	7	-0.94μ	-1.46μ	-1.18m	0	0	0	-89.7n	-1.39μ	-1.18m	0	
	0	0															
723	0	34	4.0500	5.5400	0.0000	7	11.6μ	-1.33μ	-1.21m	0	0.002	0	12.6μ	-1.22μ	-1.21m	0	
	0.002	0															
758	0	35	5.2000	5.5400	0.0000	7	19.5μ	-1.06μ	-1.27m	0	0.003	0	20.7μ	-0.90μ	-1.26m	0	

	0.003	0															
801	0	36	0.0000	7.0400	0.0000	7	-21.0μ	-0.27μ	-1.26m	0	-0.003	0	-19.8μ	-0.14μ	-1.26m	0	-
0.003	0																
797	0	37	1.0500	7.0400	0.0000	7	-13.6μ	-0.29μ	-1.21m	0	-0.002	0	-12.6μ	-0.19μ	-1.21m	0	-
0.002	0																
848	0	38	2.5400	7.0400	0.0000	7	-0.94μ	-0.30μ	-1.18m	0	0	0	-0.10μ	-0.23μ	-1.18m	0	
	0	0															
895	0	39	4.0500	7.0400	0.0000	7	11.8μ	-0.29μ	-1.21m	0	0.002	0	12.7μ	-0.20μ	-1.20m	0	
	0.002	0															
930	0	40	5.2000	7.0400	0.0000	7	19.8μ	-0.27μ	-1.26m	0	0.003	0	21.0μ	-0.14μ	-1.26m	0	
	0.003	0															
949	0	41	0.0000	7.3000	0.0000	7	-21.0μ	-0.14μ	-1.26m	0	-0.003	0	-19.8μ	-12.6n	-1.26m	0	-
0.003	0																
945	0	42	1.0500	7.3000	0.0000	7	-13.6μ	-0.14μ	-1.21m	0	-0.002	0	-12.6μ	-45.9n	-1.21m	0	-
0.002	0																
964	0	43	2.5400	7.3000	0.0000	7	-0.94μ	-0.14μ	-1.18m	0	0	0	-0.10μ	-64.0n	-1.18m	0	
	0	0															
983	0	44	4.0500	7.3000	0.0000	7	11.8μ	-0.14μ	-1.21m	0	0.002	0	12.7μ	-48.3n	-1.20m	0	
	0.002	0															
998	0	45	5.2000	7.3000	0.0000	7	19.8μ	-0.14μ	-1.26m	0	0.003	0	21.0μ	-12.6n	-1.26m	0	
	0.003	0															
1017	0	46	0.0000	7.5600	0.0000	7	-21.0μ	-16.1n	-1.26m	0	-0.003	0	-19.8μ	0.11μ	-1.26m	0	-
0.003	0																
1013	0	47	1.0500	7.5600	0.0000	7	-13.6μ	11.7n	-1.21m	0	-0.002	0	-12.6μ	0.10μ	-1.21m	0	-
0.002	0																
1032	0	48	2.5400	7.5600	0.0000	7	-0.94μ	26.4n	-1.18m	0	0	0	-0.10μ	98.5n	-1.18m	0	
	0	0															
1051	0	49	4.0500	7.5600	0.0000	7	11.8μ	13.7n	-1.21m	0	0.002	0	12.7μ	0.10μ	-1.20m	0	
	0.002	0															
1066	0	50	5.2000	7.5600	0.0000	7	19.8μ	-16.0n	-1.26m	0	0.003	0	21.0μ	0.11μ	-1.26m	0	
	0.003	0															
1109	0	51	0.0000	9.0600	0.0000	7	-20.8μ	0.73μ	-1.27m	0	-0.003	0	-19.6μ	0.88μ	-1.26m	0	-
0.003	0																
1105	0	52	1.0500	9.0600	0.0000	7	-13.5μ	0.95μ	-1.21m	0	-0.002	0	-12.4μ	1.06μ	-1.21m	0	-
0.002	0																
1156	0	53	2.5400	9.0600	0.0000	7	-0.94μ	1.09μ	-1.18m	0	0	0	-93.7n	1.17μ	-1.18m	0	
	0	0															
1203	0	54	4.0500	9.0600	0.0000	7	11.6μ	0.97μ	-1.21m	0	0.002	0	12.7μ	1.07μ	-1.21m	0	
	0.002	0															
1238	0	55	5.2000	9.0600	0.0000	7	19.6μ	0.73μ	-1.27m	0	0.003	0	20.8μ	0.88μ	-1.26m	0	
	0.003	0															
1281	0	56	0.0000	10.5600	0.0000	7	-20.1μ	1.60μ	-1.27m	0	-0.003	0	-18.9μ	1.79μ	-1.26m	0	-
0.003	0																
1277	0	57	1.0500	10.5600	0.0000	7	-13.0μ	2.38μ	-1.22m	0	-0.002	0	-11.9μ	2.52μ	-1.22m	0	-
0.002	0																
1328	0	58	2.5400	10.5600	0.0000	7	-0.93μ	2.85μ	-1.19m	0	0	0	-62.7n	2.96μ	-1.19m	0	
	0	0															
1375	0	59	4.0500	10.5600	0.0000	7	11.2μ	2.44μ	-1.22m	0	0.002	0	12.2μ	2.57μ	-1.21m	0	
	0.002	0															
1410	0	60	5.2000	10.5600	0.0000	7	18.9μ	1.60μ	-1.27m	0	0.003	0	20.1μ	1.79μ	-1.26m	0	
	0.003	0															
1429	0	61	0.0000	10.8200	0.0000	7	-19.9μ	1.77μ	-1.27m	0	-0.003	0	-18.6μ	1.96μ	-1.26m	0	-
0.003	0																
1425	0	62	1.0500	10.8200	0.0000	7	-12.8μ	2.71μ	-1.22m	0	-0.002	0	-11.8μ	2.86μ	-1.22m	0	-
0.002	0																
1444	0	63	2.5400	10.8200	0.0000	7	-0.93μ	3.28μ	-1.19m	-0.001	0	0	-53.3n	3.39μ	-1.19m	-0.001	
	0	0															
1463	0	64	4.0500	10.8200	0.0000	7	11.0μ	2.78μ	-1.22m	0	0.002	0	12.0μ	2.93μ	-1.21m	0	
	0.002	0															
1478	0	65	5.2000	10.8200	0.0000	7	18.6μ	1.77μ	-1.27m	0	0.003	0	19.9μ	1.96μ	-1.26m	0	
	0.003	0															
1497	0	66	0.0000	11.0800	0.0000	7	-19.6μ	1.95μ	-1.27m	0	-0.003	0	-18.3μ	2.15μ	-1.27m	0	-
0.003	0																
1493	0	67	1.0500	11.0800	0.0000	7	-12.6μ	3.08μ	-1.22m	-0.001	-0.002	0	-11.6μ	3.24μ	-1.22m	-0.001	-
0.002	0																
1512	0	68	2.5400	11.0800	0.0000	7	-0.92μ	3.76μ	-1.20m	-0.001	0	0	-42.0n	3.88μ	-1.20m	-0.001	
	0	0															
1531	0	69	4.0500	11.0800	0.0000	7	10.8μ	3.16μ	-1.22m	-0.001	0.002	0	11.9μ	3.32μ	-1.22m	-0.001	
	0.002	0															
1546	0	70	5.2000	11.0800	0.0000	7	18.3μ	1.95μ	-1.27m	0	0.003	0	19.6μ	2.15μ	-1.27m	0	
	0.003	0															
1589	0	71	0.0000	12.5800	0.0000	7	-16.3μ	3.07μ	-1.29m	-0.001	-0.003	0	-15.1μ	3.31μ	-1.28m	-0.001	-
0.002	0																
1585	0	72	1.0500	12.5800	0.0000	7	-10.6μ	5.93μ	-1.24m	-0.001	-0.002	0	-9.47μ	6.16μ	-1.24m	-0.001	-
0.002	0																
1636	0	73	2.5400	12.5800	0.0000	7	-0.87μ	7.50μ	-1.22m	-0.001	0	0	67.8n	7.70μ	-1.22m	-0.001	
	0	0															
1683	0	74	4.0500	12.5800	0.0000	7	8.86μ	6.13μ	-1.24m	-0.001	0.001	0	9.95μ	6.36μ	-1.24m	-0.001	
	0.002	0															
1718	0	75	5.2000	12.5800	0.0000	7	15.1μ	3.07μ	-1.28m	-0.001	0.002	0	16.3μ	3.31μ	-1.28m	-0.001	
	0.003	0															
1761	0	76	0.0000	14.0800	0.0000	7	-8.69μ	4.44μ	-1.30m	-0.001	-0.001	0	-7.44μ	4.72μ	-1.29m	-0.001	-
0.001	0																
1757	0	77	1.0500	14.0800	0.0000	7	-6.31μ	9.80μ	-1.28m	-0.002	-0.001	0	-5.16μ	10.1μ	-1.27m	-0.002	-
0.001	0																
1808	0	78	2.5400	14.0800	0.0000	7	-0.76μ	12.8μ	-1.26m	-0.002	0	0	0.29μ	13.2μ	-1.26m	-0.002	
	0	0															
1855	0	79	4.0500	14.0800	0.0000	7	4.82μ</										

1985	0	0				7	1.02μ	12.0μ	-1.30m	-0.002	0	0	2.20μ	12.4μ	-1.30m	-0.002	
	0	84	4.0500	14.9200	0.0000												
	0	0															
2010	0	85	5.2000	14.9200	0.0000	7	2.32μ	5.42μ	-1.31m	-0.001	0	0	3.52μ	5.70μ	-1.30m	-0.001	
	0.001	0															
400	1	1	0.0000	0.0000	1.6000	7	-12.4μ	-24.6μ	-1.31m	0	0	0	-5.69μ	-23.1μ	-1.30m	0	
	0	0															
326	1	2	1.0500	0.0000	1.6000	7	-10.0μ	-62.6μ	-1.31m	0.002	0	-0.003	-3.37μ	-59.4μ	-1.30m	0.002	
	0	-0.003															
332	1	3	2.5400	0.0000	1.6000	7	-3.60μ	-0.11m	-1.30m	0.003	0	0	2.96μ	-0.10m	-1.30m	0.003	
	0	0															
483	1	4	4.0500	0.0000	1.6000	7	2.98μ	-67.6μ	-1.31m	0.002	0	0.003	9.62μ	-64.2μ	-1.30m	0.002	
	0	0.003															
49	1	5	5.2000	0.0000	1.6000	7	5.63μ	-24.6μ	-1.31m	0	0	0	12.4μ	-23.1μ	-1.30m	0	
	0	0															
259	1	6	0.0000	0.5200	1.6000	7	-29.3μ	-23.9μ	-1.31m	0	-0.001	0.003	-21.8μ	-22.4μ	-1.30m	0	
	0	0.003															
40	1	10	5.2000	0.5200	1.6000	7	21.7μ	-23.9μ	-1.31m	0	0	-0.003	29.2μ	-22.4μ	-1.30m	0	
	0.001	-0.003															
2370	1	11	0.0000	2.0200	1.6000	7	-0.11m	-19.5μ	-1.29m	0	-0.004	0.003	-0.11m	-18.2μ	-1.28m	0	-
0.003	0.003																
106	1	15	5.2000	2.0200	1.6000	7	0.11m	-19.5μ	-1.29m	0	0.003	-0.003	0.11m	-18.2μ	-1.28m	0	
	0.004	-0.003															
2288	1	16	0.0000	3.5200	1.6000	7	-0.16m	-13.7μ	-1.28m	0	-0.006	0.001	-0.15m	-12.5μ	-1.27m	0	-
0.005	0.001																
118	1	20	5.2000	3.5200	1.6000	7	0.15m	-13.7μ	-1.28m	0	0.005	-0.001	0.16m	-12.5μ	-1.27m	0	
	0.006	-0.001															
2275	1	21	0.0000	3.7800	1.6000	7	-0.17m	-12.7μ	-1.28m	0	-0.006	0.001	-0.16m	-11.6μ	-1.27m	0	-
0.005	0.001																
136	1	25	5.2000	3.7800	1.6000	7	0.16m	-12.7μ	-1.28m	0	0.005	-0.001	0.17m	-11.6μ	-1.27m	0	
	0.006	-0.001															
2319	1	26	0.0000	4.0400	1.6000	7	-0.17m	-11.7μ	-1.27m	0	-0.006	0.001	-0.16m	-10.6μ	-1.27m	0	-
0.005	0.001																
127	1	30	5.2000	4.0400	1.6000	7	0.16m	-11.7μ	-1.27m	0	0.005	-0.001	0.17m	-10.6μ	-1.27m	0	
	0.006	-0.001															
2396	1	31	0.0000	5.5400	1.6000	7	-0.18m	-6.44μ	-1.27m	0	-0.006	0	-0.17m	-5.49μ	-1.26m	0	-
0.006	0																
726	1	35	5.2000	5.5400	1.6000	7	0.17m	-6.44μ	-1.27m	0	0.006	0	0.18m	-5.50μ	-1.26m	0	
	0.006	0															
858	1	36	0.0000	7.0400	1.6000	7	-0.18m	-1.68μ	-1.27m	0	-0.006	0	-0.17m	-0.87μ	-1.26m	0	-
0.006	0																
744	1	40	5.2000	7.0400	1.6000	7	0.17m	-1.67μ	-1.27m	0	0.006	0	0.18m	-0.87μ	-1.26m	0	
	0.006	0															
845	1	41	0.0000	7.3000	1.6000	7	-0.18m	-0.87μ	-1.27m	0	-0.006	0	-0.17m	-89.9n	-1.26m	0	-
0.006	0																
762	1	45	5.2000	7.3000	1.6000	7	0.17m	-0.87μ	-1.26m	0	0.006	0	0.18m	-91.8n	-1.26m	0	
	0.006	0															
889	1	46	0.0000	7.5600	1.6000	7	-0.18m	-83.7n	-1.27m	0	-0.006	0	-0.17m	0.70μ	-1.26m	0	-
0.006	0																
753	1	50	5.2000	7.5600	1.6000	7	0.17m	-81.8n	-1.26m	0	0.006	0	0.18m	0.69μ	-1.26m	0	
	0.006	0															
2029	1	51	0.0000	9.0600	1.6000	7	-0.18m	4.48μ	-1.27m	0	-0.006	0	-0.17m	5.39μ	-1.26m	0	-
0.006	0																
1073	1	55	5.2000	9.0600	1.6000	7	0.17m	4.48μ	-1.27m	0	0.006	0	0.18m	5.39μ	-1.26m	0	
	0.006	0															
1205	1	56	0.0000	10.5600	1.6000	7	-0.17m	9.47μ	-1.27m	0	-0.006	-0.001	-0.16m	10.6μ	-1.26m	0	-
0.006	-0.001																
1091	1	60	5.2000	10.5600	1.6000	7	0.16m	9.48μ	-1.27m	0	0.006	0.001	0.17m	10.6μ	-1.26m	0	
	0.006	0.001															
1192	1	61	0.0000	10.8200	1.6000	7	-0.17m	10.4μ	-1.27m	0	-0.006	-0.001	-0.16m	11.5μ	-1.27m	0	-
0.006	-0.001																
1109	1	65	5.2000	10.8200	1.6000	7	0.16m	10.4μ	-1.27m	0	0.006	0.001	0.17m	11.5μ	-1.27m	0	
	0.006	0.001															
1236	1	66	0.0000	11.0800	1.6000	7	-0.17m	11.4μ	-1.28m	0	-0.006	-0.001	-0.16m	12.5μ	-1.27m	0	-
0.005	-0.001																
1100	1	70	5.2000	11.0800	1.6000	7	0.16m	11.4μ	-1.28m	0	0.005	0.001	0.17m	12.5μ	-1.27m	0	
	0.006	0.001															
1848	1	71	0.0000	12.5800	1.6000	7	-0.13m	17.0μ	-1.29m	0	-0.004	-0.002	-0.12m	18.3μ	-1.28m	0	-
0.004	-0.002																
1667	1	75	5.2000	12.5800	1.6000	7	0.12m	17.0μ	-1.29m	0	0.004	0.002	0.13m	18.3μ	-1.28m	0	
	0.004	0.002															
1505	1	76	0.0000	14.0800	1.6000	7	-47.7μ	21.8μ	-1.30m	0	-0.001	-0.004	-39.7μ	23.3μ	-1.29m	0	-
0.001	-0.003																
1685	1	80	5.2000	14.0800	1.6000	7	39.6μ	21.8μ	-1.30m	0	0.001	0.003	47.6μ	23.3μ	-1.29m	0	
	0.001	0.004															
1542	1	81	0.0000	14.9200	1.6000	7	-12.4μ	23.1μ	-1.31m	0	0	0	-5.69μ	24.6μ	-1.30m	0	
	0	0															
1423	1	82	1.0500	14.9200	1.6000	7	-10.0μ	59.4μ	-1.31m	-0.002	0	0.003	-3.37μ	62.6μ	-1.30m	-0.002	
	0	0.003															
1805	1	83	2.5400	14.9200	1.6000	7	-3.60μ	0.10m	-1.30m	-0.003	0	0	2.96μ	0.11m	-1.30m	-0.003	
	0	0															
1590	1	84	4.0500	14.9200	1.6000	7	2.97μ	64.1μ	-1.31m	-0.002	0	-0.003	9.62μ	67.5μ	-1.30m	-0.002	
	0	-0.003															
1734	1	85	5.2000	14.9200	1.6000	7	5.63μ	23.1μ	-1.31m	0	0	0	12.4μ	24.6μ	-1.30m	0	
	0	0															

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Famiglia Cmb. 8) Sismica SLV

Nodo	Min.																Max.
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Fam.Cmb.	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
FEM	[°]	rot z [°]															

15	0	1	0.0000	0.0000	0.0000	8	-4.06μ	-5.78μ	-1.32m	0.001	-0.001	0	-1.83μ	-5.24μ	-1.30m	0.001
0	0	0														
19	0	2	1.0500	0.0000	0.0000	8	-2.85μ	-12.0μ	-1.31m	0.002	0	0	-0.67μ	-11.3μ	-1.30m	0.002
0	0	0														
50	0	3	2.5400	0.0000	0.0000	8	-1.13μ	-16.7μ	-1.30m	0.003	0	0	0.99μ	-15.9μ	-1.30m	0.003
0	0	0														
81	0	4	4.0500	0.0000	0.0000	8	0.53μ	-12.6μ	-1.31m	0.002	0	0	2.71μ	-11.9μ	-1.30m	0.002
0	0	0														
104	0	5	5.2000	0.0000	0.0000	8	1.81μ	-5.78μ	-1.32m	0.001	0	0	4.03μ	-5.24μ	-1.30m	0.001
0	0.001	0														
25	0	6	0.0000	0.5200	0.0000	8	-6.93μ	-5.25μ	-1.31m	0.001	-0.001	0	-4.66μ	-4.72μ	-1.29m	0.001
0.001	0															-
21	0	7	1.0500	0.5200	0.0000	8	-5.50μ	-11.0μ	-1.29m	0.002	-0.001	0	-3.35μ	-10.4μ	-1.28m	0.002
0.001	0															-
52	0	8	2.5400	0.5200	0.0000	8	-1.19μ	-14.6μ	-1.28m	0.002	0	0	0.82μ	-13.9μ	-1.27m	0.002
0	0	0														
83	0	9	4.0500	0.5200	0.0000	8	3.08μ	-11.5μ	-1.29m	0.002	0.001	0	5.22μ	-10.8μ	-1.28m	0.002
0.001	0	0														
106	0	10	5.2000	0.5200	0.0000	8	4.65μ	-5.25μ	-1.31m	0.001	0.001	0	6.92μ	-4.72μ	-1.29m	0.001
0.001	0	0														
149	0	11	0.0000	2.0200	0.0000	8	-15.7μ	-3.68μ	-1.29m	0.001	-0.003	0	-13.3μ	-3.22μ	-1.28m	0.001
0.002	0															-
145	0	12	1.0500	2.0200	0.0000	8	-10.4μ	-7.06μ	-1.25m	0.001	-0.002	0	-8.29μ	-6.60μ	-1.24m	0.001
0.001	0															-
196	0	13	2.5400	2.0200	0.0000	8	-1.26μ	-8.85μ	-1.23m	0.001	0	0	0.51μ	-8.43μ	-1.23m	0.001
0	0	0														
243	0	14	4.0500	2.0200	0.0000	8	7.73μ	-7.29μ	-1.25m	0.001	0.001	0	9.77μ	-6.82μ	-1.24m	0.001
0.002	0	0														
278	0	15	5.2000	2.0200	0.0000	8	13.3μ	-3.68μ	-1.29m	0.001	0.002	0	15.7μ	-3.22μ	-1.28m	0.001
0.003	0	0														
321	0	16	0.0000	3.5200	0.0000	8	-19.7μ	-2.47μ	-1.28m	0	-0.003	0	-17.3μ	-2.08μ	-1.26m	0
0.003	0															-
317	0	17	1.0500	3.5200	0.0000	8	-12.8μ	-3.83μ	-1.23m	0.001	-0.002	0	-10.8μ	-3.50μ	-1.22m	0.001
0.002	0															-
368	0	18	2.5400	3.5200	0.0000	8	-1.29μ	-4.60μ	-1.20m	0.001	0	0	0.35μ	-4.35μ	-1.20m	0.001
0	0	0														
415	0	19	4.0500	3.5200	0.0000	8	10.1μ	-3.92μ	-1.23m	0.001	0.002	0	12.0μ	-3.61μ	-1.22m	0.001
0.002	0															
450	0	20	5.2000	3.5200	0.0000	8	17.3μ	-2.47μ	-1.28m	0	0.003	0	19.7μ	-2.08μ	-1.26m	0
0.003	0	0														
469	0	21	0.0000	3.7800	0.0000	8	-20.0μ	-2.28μ	-1.28m	0	-0.003	0	-17.7μ	-1.90μ	-1.26m	0
0.003	0															-
465	0	22	1.0500	3.7800	0.0000	8	-13.0μ	-3.40μ	-1.23m	0.001	-0.002	0	-11.1μ	-3.10μ	-1.22m	0.001
0.002	0															-
484	0	23	2.5400	3.7800	0.0000	8	-1.29μ	-4.05μ	-1.20m	0.001	0	0	0.33μ	-3.82μ	-1.20m	0.001
0	0	0														
503	0	24	4.0500	3.7800	0.0000	8	10.3μ	-3.48μ	-1.22m	0.001	0.002	0	12.3μ	-3.19μ	-1.22m	0.001
0.002	0	0														
518	0	25	5.2000	3.7800	0.0000	8	17.7μ	-2.28μ	-1.28m	0	0.003	0	20.0μ	-1.90μ	-1.26m	0
0.003	0	0														
537	0	26	0.0000	4.0400	0.0000	8	-20.3μ	-2.09μ	-1.28m	0	-0.003	0	-18.0μ	-1.73μ	-1.26m	0
0.003	0															-
533	0	27	1.0500	4.0400	0.0000	8	-13.2μ	-3.01μ	-1.22m	0	-0.002	0	-11.3μ	-2.73μ	-1.22m	0
0.002	0															-
552	0	28	2.5400	4.0400	0.0000	8	-1.30μ	-3.55μ	-1.19m	0.001	0	0	0.32μ	-3.34μ	-1.19m	0.001
0	0	0														
571	0	29	4.0500	4.0400	0.0000	8	10.5μ	-3.08μ	-1.22m	0	0.002	0	12.4μ	-2.80μ	-1.21m	0.001
0.002	0															
586	0	30	5.2000	4.0400	0.0000	8	18.0μ	-2.09μ	-1.28m	0	0.003	0	20.3μ	-1.73μ	-1.26m	0
0.003	0	0														
629	0	31	0.0000	5.5400	0.0000	8	-21.3μ	-1.13μ	-1.27m	0	-0.003	0	-19.0μ	-0.83μ	-1.26m	0
0.003	0															-
625	0	32	1.0500	5.5400	0.0000	8	-13.8μ	-1.36μ	-1.22m	0	-0.002	0	-11.9μ	-1.15μ	-1.21m	0
0.002	0															-
676	0	33	2.5400	5.5400	0.0000	8	-1.30μ	-1.50μ	-1.18m	0	0	0	0.27μ	-1.35μ	-1.18m	0
0	0	0														
723	0	34	4.0500	5.5400	0.0000	8	11.2μ	-1.37μ	-1.21m	0	0.002	0	13.0μ	-1.17μ	-1.21m	0
0.002	0	0														
758	0	35	5.2000	5.5400	0.0000	8	19.0μ	-1.13μ	-1.27m	0	0.003	0	21.3μ	-0.83μ	-1.26m	0
0.003	0	0														
801	0	36	0.0000	7.0400	0.0000	8	-21.5μ	-0.33μ	-1.27m	0	-0.004	0	-19.3μ	-79.1n	-1.25m	0
0.003	0															-
797	0	37	1.0500	7.0400	0.0000	8	-14.0μ	-0.33μ	-1.21m	0	-0.002	0	-12.1μ	-0.15μ	-1.21m	0
0.002	0															-
848	0	38	2.5400	7.0400	0.0000	8	-1.30μ	-0.33μ	-1.18m	0	0	0	0.26μ	-0.20μ	-1.18m	0
0	0	0														
895	0	39	4.0500	7.0400	0.0000	8	11.3μ	-0.33μ	-1.21m	0	0.002	0	13.2μ	-0.16μ	-1.20m	0
0.002	0															
930	0	40	5.2000	7.0400	0.0000	8	19.3μ	-0.33μ	-1.27m	0	0.003	0	21.5μ	-79.1n	-1.25m	0
0.004	0	0														
949	0	41	0.0000	7.3000	0.0000	8	-21.5μ	-0.20μ	-1.27m	0	-0.004	0	-19.3μ	43.2n	-1.25m	0
0.003	0															-
945	0	42	1.0500	7.3000	0.0000	8	-14.0μ	-0.18μ	-1.21m	0	-0.002	0	-12.1μ	-6.62n	-1.21m	0
0.002	0															-
964	0	43	2.5400	7.3000	0.0000	8	-1.30μ	-0.17μ	-1.18m	0	0	0	0.26μ	-32.5n	-1.18m	0
0	0	0														
983	0	44	4.0500	7.3000	0.0000	8	11.3μ	-0.17μ	-1.21m	0	0.002	0	13.2μ	-10.0n	-1.20m	0
0.002	0	0														
998	0	45	5.2000	7.3000	0.0000	8	19.3μ	-0.20μ	-1.27m	0	0.003	0	21.5μ	43.1n	-1.25m	0
0.004	0	0														
1017	0	46	0.0000	7.5600	0.0000	8	-21.5μ	-71.5n	-1.27m	0	-0.004	0	-19.3μ	0.17μ	-1.25m	0
0.003	0															-
1013	0	47	1.0500	7.5600	0.0000	8	-14.0μ	-27.4n	-1.21m	0	-0.002	0	-12.1μ	0.14μ	-1.21m	0
0.002	0															-

1032	0	48	2.5400	7.5600	0.0000	8	-1.30μ	-5.07n	-1.18m	0	0	0	0.25μ	0.13μ	-1.18m	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	8	11.3μ	-24.4n	-1.21m	0	0.002	0	13.2μ	0.14μ	-1.20m	0
	0.002	0														
1066	0	50	5.2000	7.5600	0.0000	8	19.3μ	-71.4n	-1.27m	0	0.003	0	21.5μ	0.17μ	-1.25m	0
	0.004	0														
1109	0	51	0.0000	9.0600	0.0000	8	-21.4μ	0.66μ	-1.27m	0	-0.003	0	-19.1μ	0.95μ	-1.25m	0
0.003	0															-
1105	0	52	1.0500	9.0600	0.0000	8	-13.9μ	0.91μ	-1.22m	0	-0.002	0	-12.0μ	1.10μ	-1.21m	0
0.002	0															-
1156	0	53	2.5400	9.0600	0.0000	8	-1.30μ	1.06μ	-1.18m	0	0	0	0.27μ	1.20μ	-1.18m	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	8	11.2μ	0.92μ	-1.21m	0	0.002	0	13.1μ	1.11μ	-1.20m	0
	0.002	0														
1238	0	55	5.2000	9.0600	0.0000	8	19.1μ	0.66μ	-1.27m	0	0.003	0	21.3μ	0.95μ	-1.25m	0
	0.003	0														
1281	0	56	0.0000	10.5600	0.0000	8	-20.6μ	1.52μ	-1.27m	0	-0.003	0	-18.3μ	1.87μ	-1.26m	0
0.003	0															-
1277	0	57	1.0500	10.5600	0.0000	8	-13.4μ	2.32μ	-1.22m	0	-0.002	0	-11.5μ	2.58μ	-1.21m	0
0.002	0															-
1328	0	58	2.5400	10.5600	0.0000	8	-1.30μ	2.81μ	-1.19m	0	0	0	0.31μ	3.00μ	-1.19m	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	8	10.7μ	2.38μ	-1.22m	0	0.002	0	12.6μ	2.63μ	-1.21m	0
	0.002	0														
1410	0	60	5.2000	10.5600	0.0000	8	18.3μ	1.52μ	-1.27m	0	0.003	0	20.6μ	1.87μ	-1.26m	0
	0.003	0														
1429	0	61	0.0000	10.8200	0.0000	8	-20.4μ	1.69μ	-1.28m	0	-0.003	0	-18.1μ	2.05μ	-1.26m	0
0.003	0															-
1425	0	62	1.0500	10.8200	0.0000	8	-13.3μ	2.65μ	-1.22m	0	-0.002	0	-11.3μ	2.93μ	-1.22m	0
0.002	0															-
1444	0	63	2.5400	10.8200	0.0000	8	-1.30μ	3.23μ	-1.19m	-0.001	0	0	0.32μ	3.44μ	-1.19m	-0.001
	0	0														
1463	0	64	4.0500	10.8200	0.0000	8	10.6μ	2.72μ	-1.22m	0	0.002	0	12.5μ	2.99μ	-1.21m	0
	0.002	0														
1478	0	65	5.2000	10.8200	0.0000	8	18.1μ	1.69μ	-1.28m	0	0.003	0	20.4μ	2.05μ	-1.26m	0
	0.003	0														
1497	0	66	0.0000	11.0800	0.0000	8	-20.1μ	1.86μ	-1.28m	0	-0.003	0	-17.8μ	2.23μ	-1.26m	0
0.003	0															-
1493	0	67	1.0500	11.0800	0.0000	8	-13.1μ	3.01μ	-1.23m	-0.001	-0.002	0	-11.1μ	3.31μ	-1.22m	0
0.002	0															-
1512	0	68	2.5400	11.0800	0.0000	8	-1.30μ	3.70μ	-1.20m	-0.001	0	0	0.33μ	3.93μ	-1.19m	-0.001
	0	0														
1531	0	69	4.0500	11.0800	0.0000	8	10.4μ	3.10μ	-1.22m	-0.001	0.002	0	12.3μ	3.39μ	-1.22m	-0.001
	0.002	0														
1546	0	70	5.2000	11.0800	0.0000	8	17.8μ	1.86μ	-1.28m	0	0.003	0	20.1μ	2.23μ	-1.26m	0
	0.003	0														
1589	0	71	0.0000	12.5800	0.0000	8	-16.9μ	2.97μ	-1.29m	-0.001	-0.003	0	-14.5μ	3.41μ	-1.27m	0
0.002	0															-
1585	0	72	1.0500	12.5800	0.0000	8	-11.1μ	5.83μ	-1.25m	-0.001	-0.002	0	-9.00μ	6.26μ	-1.24m	-0.001
0.001	0															-
1636	0	73	2.5400	12.5800	0.0000	8	-1.27μ	7.41μ	-1.22m	-0.001	0	0	0.47μ	7.79μ	-1.22m	-0.001
	0	0														
1683	0	74	4.0500	12.5800	0.0000	8	8.40μ	6.03μ	-1.24m	-0.001	0.001	0	10.4μ	6.46μ	-1.23m	-0.001
	0.002	0														
1718	0	75	5.2000	12.5800	0.0000	8	14.5μ	2.97μ	-1.29m	-0.001	0.002	0	16.9μ	3.41μ	-1.27m	0
	0.003	0														
1761	0	76	0.0000	14.0800	0.0000	8	-9.22μ	4.32μ	-1.31m	-0.001	-0.002	0	-6.91μ	4.83μ	-1.29m	-0.001
0.001	0															-
1757	0	77	1.0500	14.0800	0.0000	8	-6.80μ	9.66μ	-1.28m	-0.002	-0.001	0	-4.67μ	10.3μ	-1.27m	-0.002
0.001	0															-
1808	0	78	2.5400	14.0800	0.0000	8	-1.21μ	12.7μ	-1.27m	-0.002	0	0	0.74μ	13.3μ	-1.26m	-0.002
	0	0														
1855	0	79	4.0500	14.0800	0.0000	8	4.33μ	10.0μ	-1.28m	-0.002	0.001	0	6.45μ	10.6μ	-1.27m	-0.002
	0.001	0														
1890	0	80	5.2000	14.0800	0.0000	8	6.90μ	4.32μ	-1.31m	-0.001	0.001	0	9.21μ	4.84μ	-1.29m	-0.001
	0.002	0														
1921	0	81	0.0000	14.9200	0.0000	8	-4.06μ	5.30μ	-1.32m	-0.001	-0.001	0	-1.83μ	5.83μ	-1.30m	-0.001
	0	0														
1917	0	82	1.0500	14.9200	0.0000	8	-2.84μ	11.3μ	-1.31m	-0.002	0	0	-0.66μ	12.0μ	-1.30m	-0.002
	0	0														
1952	0	83	2.5400	14.9200	0.0000	8	-1.13μ	15.9μ	-1.30m	-0.003	0	0	0.99μ	16.7μ	-1.30m	-0.003
	0	0														
1985	0	84	4.0500	14.9200	0.0000	8	0.52μ	11.9μ	-1.31m	-0.002	0	0	2.70μ	12.6μ	-1.30m	-0.002
	0	0														
2010	0	85	5.2000	14.9200	0.0000	8	1.81μ	5.29μ	-1.32m	-0.001	0	0	4.04μ	5.83μ	-1.30m	-0.001
	0.001	0														
400	1	1	0.0000	0.0000	1.6000	8	-15.3μ	-25.3μ	-1.32m	0	0	0	-2.83μ	-22.5μ	-1.30m	0.001
	0	0														
326	1	2	1.0500	0.0000	1.6000	8	-12.8μ	-64.0μ	-1.31m	0.001	0	-0.003	-0.55μ	-58.0μ	-1.30m	0.002
	0	-0.003														
332	1	3	2.5400	0.0000	1.6000	8	-6.38μ	-0.11m	-1.30m	0.003	0	0	5.74μ	-0.10m	-1.30m	0.003
	0	0														
483	1	4	4.0500	0.0000	1.6000	8	0.16μ	-69.1μ	-1.31m	0.002	0	0.003	12.4μ	-62.7μ	-1.30m	0.002
	0	0.003														
49	1	5	5.2000	0.0000	1.6000	8	2.77μ	-25.3μ	-1.32m	0	0	0	15.2μ	-22.5μ	-1.30m	0.001
	0	0														
259	1	6	0.0000	0.5200	1.6000	8	-32.4μ	-24.6μ	-1.31m	0	-0.001	0.003	-18.6μ	-21.8μ	-1.29m	0
	0	0.003														
40	1	10	5.2000	0.5200	1.6000	8	18.6μ	-24.6μ	-1.31m	0	0	-0.003	32.4μ	-21.8μ	-1.29m	0
	0.001	-0.003														
2370	1	11	0.0000	2.0200	1.6000	8	-0.12m	-20.1μ	-1.29m	0	-0.004	0.003	-0.10m	-17.6μ	-1.28m	0
0.003	0.003															-
106	1	15	5.2000	2.0200	1.6000	8	0.10m	-20.1μ	-1.29m	0	0.003	-0.003	0.12m	-17.6μ	-1.28m	0
	0.004	-0.003														
2288	1	16	0.0000	3.5200	1.6000	8	-0.17m	-14.2μ	-1.28m	0	-0.006	0.001	-0.15m	-12.0μ	-1.27m	0
0.005	0.001															-

118	1	20	5.2000	3.5200	1.6000	8	0.15m	-14.2μ	-1.28m	0	0.005	-0.001	0.17m	-12.0μ	-1.27m	0
	0.006	-0.001														
2275	1	21	0.0000	3.7800	1.6000	8	-0.17m	-13.2μ	-1.28m	0	-0.006	0.001	-0.15m	-11.1μ	-1.26m	0
0.005	0.001															-
136	1	25	5.2000	3.7800	1.6000	8	0.15m	-13.2μ	-1.28m	0	0.005	-0.001	0.17m	-11.1μ	-1.26m	0
	0.006	-0.001														
2319	1	26	0.0000	4.0400	1.6000	8	-0.17m	-12.2μ	-1.28m	0	-0.006	0.001	-0.15m	-10.1μ	-1.26m	0
0.005	0.001															-
127	1	30	5.2000	4.0400	1.6000	8	0.15m	-12.2μ	-1.28m	0	0.005	-0.001	0.17m	-10.1μ	-1.26m	0
	0.006	-0.001														
2396	1	31	0.0000	5.5400	1.6000	8	-0.19m	-6.85μ	-1.27m	0	-0.007	0	-0.17m	-5.09μ	-1.26m	0
0.006	0															-
726	1	35	5.2000	5.5400	1.6000	8	0.17m	-6.85μ	-1.27m	0	0.006	0	0.19m	-5.09μ	-1.26m	0
	0.007	0														
858	1	36	0.0000	7.0400	1.6000	8	-0.19m	-2.02μ	-1.27m	0	-0.007	0	-0.17m	-0.52μ	-1.25m	0
0.006	0															-
744	1	40	5.2000	7.0400	1.6000	8	0.17m	-2.02μ	-1.27m	0	0.006	0	0.19m	-0.53μ	-1.25m	0
	0.007	0														
845	1	41	0.0000	7.3000	1.6000	8	-0.19m	-1.21μ	-1.27m	0	-0.007	0	-0.17m	0.25μ	-1.25m	0
0.006	0															-
762	1	45	5.2000	7.3000	1.6000	8	0.17m	-1.21μ	-1.27m	0	0.006	0	0.19m	0.25μ	-1.25m	0
	0.007	0														
889	1	46	0.0000	7.5600	1.6000	8	-0.19m	-0.42μ	-1.27m	0	-0.007	0	-0.17m	1.03μ	-1.25m	0
0.006	0															-
753	1	50	5.2000	7.5600	1.6000	8	0.17m	-0.42μ	-1.27m	0	0.006	0	0.19m	1.03μ	-1.25m	0
	0.007	0														
2029	1	51	0.0000	9.0600	1.6000	8	-0.19m	4.08μ	-1.27m	0	-0.007	0	-0.17m	5.79μ	-1.26m	0
0.006	0															-
1073	1	55	5.2000	9.0600	1.6000	8	0.17m	4.09μ	-1.27m	0	0.006	0	0.19m	5.78μ	-1.26m	0
	0.007	0														
1205	1	56	0.0000	10.5600	1.6000	8	-0.18m	9.01μ	-1.28m	0	-0.006	-0.001	-0.16m	11.0μ	-1.26m	0
0.005	-0.001															-
1091	1	60	5.2000	10.5600	1.6000	8	0.16m	9.02μ	-1.28m	0	0.005	0.001	0.18m	11.0μ	-1.26m	0
	0.006	0.001														
1192	1	61	0.0000	10.8200	1.6000	8	-0.18m	9.93μ	-1.28m	0	-0.006	-0.001	-0.16m	12.0μ	-1.26m	0
0.005	-0.001															-
1109	1	65	5.2000	10.8200	1.6000	8	0.16m	9.93μ	-1.28m	0	0.005	0.001	0.17m	12.0μ	-1.26m	0
	0.006	0.001														
1236	1	66	0.0000	11.0800	1.6000	8	-0.17m	10.9μ	-1.28m	0	-0.006	-0.001	-0.15m	13.0μ	-1.26m	0
0.005	-0.001															-
1100	1	70	5.2000	11.0800	1.6000	8	0.15m	10.9μ	-1.28m	0	0.005	0.001	0.17m	13.0μ	-1.26m	0
	0.006	0.001														
1848	1	71	0.0000	12.5800	1.6000	8	-0.13m	16.4μ	-1.29m	0	-0.004	-0.002	-0.11m	18.9μ	-1.27m	0
0.004	-0.002															-
1667	1	75	5.2000	12.5800	1.6000	8	0.11m	16.4μ	-1.29m	0	0.004	0.002	0.13m	18.9μ	-1.27m	0
	0.004	0.002														
1505	1	76	0.0000	14.0800	1.6000	8	-51.1μ	21.2μ	-1.31m	0	-0.001	-0.004	-36.3μ	23.9μ	-1.29m	0
0.001	-0.003															-
1685	1	80	5.2000	14.0800	1.6000	8	36.2μ	21.2μ	-1.31m	0	0.001	0.003	51.0μ	23.9μ	-1.29m	0
	0.001	0.004														
1542	1	81	0.0000	14.9200	1.6000	8	-15.3μ	22.4μ	-1.32m	-0.001	0	0	-2.83μ	25.3μ	-1.30m	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	8	-12.8μ	58.0μ	-1.31m	-0.002	0	0.003	-0.55μ	64.0μ	-1.30m	-0.001
	0	0.003														
1805	1	83	2.5400	14.9200	1.6000	8	-6.38μ	0.10m	-1.30m	-0.003	0	0	5.74μ	0.11m	-1.30m	-0.003
	0	0														
1590	1	84	4.0500	14.9200	1.6000	8	0.16μ	62.6μ	-1.31m	-0.002	0	-0.003	12.4μ	69.0μ	-1.30m	-0.002
	0	-0.003														
1734	1	85	5.2000	14.9200	1.6000	8	2.77μ	22.4μ	-1.32m	-0.001	0	0	15.2μ	25.3μ	-1.30m	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Sisma X SLO

Nodo	Min.															Max.	
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Sisma	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
FEM	rot z [°]																
15	0	1	0.0000	0.0000	0.0000	X SLO	-0.58μ	-94.8n	-4.21μ	0	0	0	0.58μ	94.8n	4.21μ	0	
	0	0															
19	0	2	1.0500	0.0000	0.0000	X SLO	-0.57μ	-78.0n	-2.48μ	0	0	0	0.57μ	78.0n	2.48μ	0	
	0	0															
50	0	3	2.5400	0.0000	0.0000	X SLO	-0.56μ	-3.74n	-95.6n	0	0	0	0.56μ	3.74n	95.6n	0	
	0	0															
81	0	4	4.0500	0.0000	0.0000	X SLO	-0.57μ	-74.8n	-2.32μ	0	0	0	0.57μ	74.8n	2.32μ	0	
	0	0															
104	0	5	5.2000	0.0000	0.0000	X SLO	-0.58μ	-94.8n	-4.21μ	0	0	0	0.58μ	94.8n	4.21μ	0	
	0	0															
25	0	6	0.0000	0.5200	0.0000	X SLO	-0.59μ	-93.9n	-4.10μ	0	0	0	0.59μ	93.9n	4.10μ	0	
	0	0															
21	0	7	1.0500	0.5200	0.0000	X SLO	-0.56μ	-79.5n	-2.38μ	0	0	0	0.56μ	79.5n	2.38μ	0	
	0	0															
52	0	8	2.5400	0.5200	0.0000	X SLO	-0.53μ	-3.68n	-90.9n	0	0	0	0.53μ	3.68n	90.9n	0	
	0	0															
83	0	9	4.0500	0.5200	0.0000	X SLO	-0.55μ	-76.0n	-2.22μ	0	0	0	0.55μ	76.0n	2.22μ	0	
	0	0															
106	0	10	5.2000	0.5200	0.0000	X SLO	-0.59μ	-94.0n	-4.10μ	0	0	0	0.59μ	94.0n	4.10μ	0	
	0	0															
149	0	11	0.0000	2.0200	0.0000	X SLO	-0.60μ	-87.3n	-3.85μ	0	0	0	0.60μ	87.3n	3.85μ	0	
	0	0															
145	0	12	1.0500	2.0200	0.0000	X SLO	-0.53μ	-62.8n	-2.16μ	0	0	0	0.53μ	62.8n	2.16μ	0	
	0	0															

196	0	13	2.5400	2.0200	0.0000	X SLO	-0.47μ	-2.72n	-79.9n	0	0	0	0.47μ	2.72n	79.9n	0
	0	0														
243	0	14	4.0500	2.0200	0.0000	X SLO	-0.52μ	-59.5n	-2.01μ	0	0	0	0.52μ	59.5n	2.01μ	0
	0	0														
278	0	15	5.2000	2.0200	0.0000	X SLO	-0.60μ	-87.4n	-3.85μ	0	0	0	0.60μ	87.4n	3.85μ	0
	0	0														
321	0	16	0.0000	3.5200	0.0000	X SLO	-0.59μ	-73.3n	-3.66μ	0	0	0	0.59μ	73.3n	3.66μ	0
	0	0														
317	0	17	1.0500	3.5200	0.0000	X SLO	-0.50μ	-44.0n	-2.02μ	0	0	0	0.50μ	44.0n	2.02μ	0
	0	0														
368	0	18	2.5400	3.5200	0.0000	X SLO	-0.43μ	-1.75n	-73.8n	0	0	0	0.43μ	1.75n	73.8n	0
	0	0														
415	0	19	4.0500	3.5200	0.0000	X SLO	-0.50μ	-41.2n	-1.88μ	0	0	0	0.50μ	41.2n	1.88μ	0
	0	0														
450	0	20	5.2000	3.5200	0.0000	X SLO	-0.59μ	-73.4n	-3.66μ	0	0	0	0.59μ	73.4n	3.66μ	0
	0	0														
469	0	21	0.0000	3.7800	0.0000	X SLO	-0.59μ	-70.2n	-3.64μ	0	0	0	0.59μ	70.2n	3.64μ	0
	0	0														
465	0	22	1.0500	3.7800	0.0000	X SLO	-0.50μ	-40.8n	-2.00μ	0	0	0	0.50μ	40.8n	2.00μ	0
	0	0														
484	0	23	2.5400	3.7800	0.0000	X SLO	-0.43μ	-1.61n	-73.1n	0	0	0	0.43μ	1.61n	73.1n	0
	0	0														
503	0	24	4.0500	3.7800	0.0000	X SLO	-0.49μ	-38.2n	-1.86μ	0	0	0	0.49μ	38.2n	1.86μ	0
	0	0														
518	0	25	5.2000	3.7800	0.0000	X SLO	-0.59μ	-70.3n	-3.64μ	0	0	0	0.59μ	70.3n	3.64μ	0
	0	0														
537	0	26	0.0000	4.0400	0.0000	X SLO	-0.59μ	-66.6n	-3.62μ	0	0	0	0.59μ	66.6n	3.62μ	0
	0	0														
533	0	27	1.0500	4.0400	0.0000	X SLO	-0.50μ	-37.8n	-1.99μ	0	0	0	0.50μ	37.8n	1.99μ	0
	0	0														
552	0	28	2.5400	4.0400	0.0000	X SLO	-0.42μ	-1.47n	-72.5n	0	0	0	0.42μ	1.47n	72.5n	0
	0	0														
571	0	29	4.0500	4.0400	0.0000	X SLO	-0.49μ	-35.2n	-1.85μ	0	0	0	0.49μ	35.2n	1.85μ	0
	0	0														
586	0	30	5.2000	4.0400	0.0000	X SLO	-0.58μ	-66.7n	-3.62μ	0	0	0	0.58μ	66.7n	3.62μ	0
	0	0														
629	0	31	0.0000	5.5400	0.0000	X SLO	-0.58μ	-41.5n	-3.54μ	0	0	0	0.58μ	41.5n	3.54μ	0
	0	0														
625	0	32	1.0500	5.5400	0.0000	X SLO	-0.49μ	-20.9n	-1.94μ	0	0	0	0.49μ	20.9n	1.94μ	0
	0	0														
676	0	33	2.5400	5.5400	0.0000	X SLO	-0.41μ	-0.76n	-70.3n	0	0	0	0.41μ	0.76n	70.3n	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	X SLO	-0.48μ	-19.3n	-1.80μ	0	0	0	0.48μ	19.3n	1.80μ	0
	0	0														
758	0	35	5.2000	5.5400	0.0000	X SLO	-0.58μ	-41.6n	-3.53μ	0	0	0	0.58μ	41.6n	3.53μ	0
	0	0														
801	0	36	0.0000	7.0400	0.0000	X SLO	-0.57μ	-9.67n	-3.51μ	0	0	0	0.57μ	9.67n	3.51μ	0
	0	0														
797	0	37	1.0500	7.0400	0.0000	X SLO	-0.48μ	-4.56n	-1.92μ	0	0	0	0.48μ	4.56n	1.92μ	0
	0	0														
848	0	38	2.5400	7.0400	0.0000	X SLO	-0.41μ	-0.17n	-69.5n	0	0	0	0.41μ	0.17n	69.5n	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	X SLO	-0.47μ	-4.19n	-1.78μ	0	0	0	0.47μ	4.19n	1.78μ	0
	0	0														
930	0	40	5.2000	7.0400	0.0000	X SLO	-0.57μ	-9.71n	-3.50μ	0	0	0	0.57μ	9.71n	3.50μ	0
	0	0														
949	0	41	0.0000	7.3000	0.0000	X SLO	-0.57μ	-3.71n	-3.50μ	0	0	0	0.57μ	3.71n	3.50μ	0
	0	0														
945	0	42	1.0500	7.3000	0.0000	X SLO	-0.48μ	-1.73n	-1.92μ	0	0	0	0.48μ	1.73n	1.92μ	0
	0	0														
964	0	43	2.5400	7.3000	0.0000	X SLO	-0.41μ	-75.1p	-69.4n	0	0	0	0.41μ	75.1p	69.4n	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	X SLO	-0.47μ	-1.59n	-1.78μ	0	0	0	0.47μ	1.59n	1.78μ	0
	0	0														
998	0	45	5.2000	7.3000	0.0000	X SLO	-0.57μ	-3.72n	-3.50μ	0	0	0	0.57μ	3.72n	3.50μ	0
	0	0														
1017	0	46	0.0000	7.5600	0.0000	X SLO	-0.57μ	-2.32n	-3.50μ	0	0	0	0.57μ	2.32n	3.50μ	0
	0	0														
1013	0	47	1.0500	7.5600	0.0000	X SLO	-0.48μ	-1.11n	-1.92μ	0	0	0	0.48μ	1.11n	1.92μ	0
	0	0														
1032	0	48	2.5400	7.5600	0.0000	X SLO	-0.41μ	-57.6p	-69.4n	0	0	0	0.41μ	57.6p	69.4n	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	X SLO	-0.47μ	-1.02n	-1.78μ	0	0	0	0.47μ	1.02n	1.78μ	0
	0	0														
1066	0	50	5.2000	7.5600	0.0000	X SLO	-0.57μ	-2.33n	-3.50μ	0	0	0	0.57μ	2.33n	3.50μ	0
	0	0														
1109	0	51	0.0000	9.0600	0.0000	X SLO	-0.58μ	-35.3n	-3.53μ	0	0	0	0.58μ	35.3n	3.53μ	0
	0	0														
1105	0	52	1.0500	9.0600	0.0000	X SLO	-0.49μ	-17.4n	-1.93μ	0	0	0	0.49μ	17.4n	1.93μ	0
	0	0														
1156	0	53	2.5400	9.0600	0.0000	X SLO	-0.41μ	-0.63n	-70.0n	0	0	0	0.41μ	0.63n	70.0n	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	X SLO	-0.48μ	-16.1n	-1.79μ	0	0	0	0.48μ	16.1n	1.79μ	0
	0	0														
1238	0	55	5.2000	9.0600	0.0000	X SLO	-0.57μ	-35.4n	-3.52μ	0	0	0	0.57μ	35.4n	3.52μ	0
	0	0														
1281	0	56	0.0000	10.5600	0.0000	X SLO	-0.58μ	-61.9n	-3.60μ	0	0	0	0.58μ	61.9n	3.60μ	0
	0	0														
1277	0	57	1.0500	10.5600	0.0000	X SLO	-0.50μ	-34.1n	-1.98μ	0	0	0	0.50μ	34.1n	1.98μ	0
	0	0														
1328	0	58	2.5400	10.5600	0.0000	X SLO	-0.42μ	-1.31n	-71.9n	0	0	0	0.42μ	1.31n	71.9n	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	X SLO	-0.49μ	-31.7n	-1.84μ	0	0	0	0.49μ	31.7n	1.84μ	0
	0	0														
1410	0	60	5.2000	10.5600	0.0000	X SLO	-0.58μ	-62.0n	-3.59μ	0	0	0	0.58μ	62.0n	3.59μ	0
	0	0														

1429	0	61	0.0000	10.8200	0.0000	X SLO	-0.58μ	-65.8n	-3.61μ	0	0	0	0.58μ	65.8n	3.61μ	0
	0	0														
1425	0	62	1.0500	10.8200	0.0000	X SLO	-0.50μ	-37.1n	-1.99μ	0	0	0	0.50μ	37.1n	1.99μ	0
	0	0														
1444	0	63	2.5400	10.8200	0.0000	X SLO	-0.42μ	-1.44n	-72.4n	0	0	0	0.42μ	1.44n	72.4n	0
	0	0														
1463	0	64	4.0500	10.8200	0.0000	X SLO	-0.49μ	-34.6n	-1.85μ	0	0	0	0.49μ	34.6n	1.85μ	0
	0	0														
1478	0	65	5.2000	10.8200	0.0000	X SLO	-0.58μ	-65.9n	-3.61μ	0	0	0	0.58μ	65.9n	3.61μ	0
	0	0														
1497	0	66	0.0000	11.0800	0.0000	X SLO	-0.59μ	-69.3n	-3.63μ	0	0	0	0.59μ	69.3n	3.63μ	0
	0	0														
1493	0	67	1.0500	11.0800	0.0000	X SLO	-0.50μ	-40.2n	-2.00μ	0	0	0	0.50μ	40.2n	2.00μ	0
	0	0														
1512	0	68	2.5400	11.0800	0.0000	X SLO	-0.43μ	-1.58n	-73.0n	0	0	0	0.43μ	1.58n	73.0n	0
	0	0														
1531	0	69	4.0500	11.0800	0.0000	X SLO	-0.49μ	-37.5n	-1.86μ	0	0	0	0.49μ	37.5n	1.86μ	0
	0	0														
1546	0	70	5.2000	11.0800	0.0000	X SLO	-0.59μ	-69.4n	-3.63μ	0	0	0	0.59μ	69.4n	3.63μ	0
	0	0														
1589	0	71	0.0000	12.5800	0.0000	X SLO	-0.60μ	-85.0n	-3.80μ	0	0	0	0.60μ	85.0n	3.80μ	0
	0	0														
1585	0	72	1.0500	12.5800	0.0000	X SLO	-0.52μ	-58.7n	-2.12μ	0	0	0	0.52μ	58.7n	2.12μ	0
	0	0														
1636	0	73	2.5400	12.5800	0.0000	X SLO	-0.46μ	-2.49n	-78.3n	0	0	0	0.46μ	2.49n	78.3n	0
	0	0														
1683	0	74	4.0500	12.5800	0.0000	X SLO	-0.51μ	-55.5n	-1.97μ	0	0	0	0.51μ	55.5n	1.97μ	0
	0	0														
1718	0	75	5.2000	12.5800	0.0000	X SLO	-0.60μ	-85.1n	-3.80μ	0	0	0	0.60μ	85.1n	3.80μ	0
	0	0														
1761	0	76	0.0000	14.0800	0.0000	X SLO	-0.59μ	-93.3n	-4.05μ	0	0	0	0.59μ	93.3n	4.05μ	0
	0	0														
1757	0	77	1.0500	14.0800	0.0000	X SLO	-0.55μ	-77.2n	-2.33μ	0	0	0	0.55μ	77.2n	2.33μ	0
	0	0														
1808	0	78	2.5400	14.0800	0.0000	X SLO	-0.51μ	-3.53n	-88.2n	0	0	0	0.51μ	3.53n	88.2n	0
	0	0														
1855	0	79	4.0500	14.0800	0.0000	X SLO	-0.55μ	-73.7n	-2.17μ	0	0	0	0.55μ	73.7n	2.17μ	0
	0	0														
1890	0	80	5.2000	14.0800	0.0000	X SLO	-0.59μ	-93.4n	-4.04μ	0	0	0	0.59μ	93.4n	4.04μ	0
	0	0														
1921	0	81	0.0000	14.9200	0.0000	X SLO	-0.58μ	-94.9n	-4.21μ	0	0	0	0.58μ	94.9n	4.21μ	0
	0	0														
1917	0	82	1.0500	14.9200	0.0000	X SLO	-0.57μ	-78.0n	-2.48μ	0	0	0	0.57μ	78.0n	2.48μ	0
	0	0														
1952	0	83	2.5400	14.9200	0.0000	X SLO	-0.56μ	-3.74n	-95.6n	0	0	0	0.56μ	3.74n	95.6n	0
	0	0														
1985	0	84	4.0500	14.9200	0.0000	X SLO	-0.57μ	-74.8n	-2.32μ	0	0	0	0.57μ	74.8n	2.32μ	0
	0	0														
2010	0	85	5.2000	14.9200	0.0000	X SLO	-0.58μ	-95.0n	-4.21μ	0	0	0	0.58μ	95.0n	4.21μ	0
	0	0														
400	1	1	0.0000	0.0000	1.6000	X SLO	-3.25μ	-0.51μ	-4.23μ	0	0	0	3.25μ	0.51μ	4.23μ	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	X SLO	-3.21μ	-0.32μ	-2.50μ	0	0	0	3.21μ	0.32μ	2.50μ	0
	0	0														
332	1	3	2.5400	0.0000	1.6000	X SLO	-3.19μ	-18.2n	-96.8n	0	0	0	3.19μ	18.2n	96.8n	0
	0	0														
483	1	4	4.0500	0.0000	1.6000	X SLO	-3.21μ	-0.30μ	-2.34μ	0	0	0	3.21μ	0.30μ	2.34μ	0
	0	0														
49	1	5	5.2000	0.0000	1.6000	X SLO	-3.25μ	-0.51μ	-4.23μ	0	0	0	3.25μ	0.51μ	4.23μ	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	X SLO	-3.54μ	-0.51μ	-4.13μ	0	0	0	3.54μ	0.51μ	4.13μ	0
	0	0														
40	1	10	5.2000	0.5200	1.6000	X SLO	-3.54μ	-0.51μ	-4.13μ	0	0	0	3.54μ	0.51μ	4.13μ	0
	0	0														
2370	1	11	0.0000	2.0200	1.6000	X SLO	-4.39μ	-0.46μ	-3.88μ	0	0	0	4.39μ	0.46μ	3.88μ	0
	0	0														
106	1	15	5.2000	2.0200	1.6000	X SLO	-4.39μ	-0.46μ	-3.87μ	0	0	0	4.39μ	0.46μ	3.87μ	0
	0	0														
2288	1	16	0.0000	3.5200	1.6000	X SLO	-4.72μ	-0.38μ	-3.69μ	0	0	0	4.72μ	0.38μ	3.69μ	0
	0	0														
118	1	20	5.2000	3.5200	1.6000	X SLO	-4.72μ	-0.38μ	-3.69μ	0	0	0	4.72μ	0.38μ	3.69μ	0
	0	0														
2275	1	21	0.0000	3.7800	1.6000	X SLO	-4.74μ	-0.36μ	-3.66μ	0	0	0	4.74μ	0.36μ	3.66μ	0
	0	0														
136	1	25	5.2000	3.7800	1.6000	X SLO	-4.73μ	-0.36μ	-3.66μ	0	0	0	4.73μ	0.36μ	3.66μ	0
	0	0														
2319	1	26	0.0000	4.0400	1.6000	X SLO	-4.74μ	-0.34μ	-3.64μ	0	0	0	4.74μ	0.34μ	3.64μ	0
	0	0														
127	1	30	5.2000	4.0400	1.6000	X SLO	-4.74μ	-0.34μ	-3.64μ	0	0	0	4.74μ	0.34μ	3.64μ	0
	0	0														
2396	1	31	0.0000	5.5400	1.6000	X SLO	-4.69μ	-0.21μ	-3.56μ	0	0	0	4.69μ	0.21μ	3.56μ	0
	0	0														
726	1	35	5.2000	5.5400	1.6000	X SLO	-4.69μ	-0.21μ	-3.56μ	0	0	0	4.69μ	0.21μ	3.56μ	0
	0	0														
858	1	36	0.0000	7.0400	1.6000	X SLO	-4.65μ	-48.2n	-3.53μ	0	0	0	4.65μ	48.2n	3.53μ	0
	0	0														
744	1	40	5.2000	7.0400	1.6000	X SLO	-4.65μ	-48.3n	-3.53μ	0	0	0	4.65μ	48.3n	3.53μ	0
	0	0														
845	1	41	0.0000	7.3000	1.6000	X SLO	-4.65μ	-18.3n	-3.53μ	0	0	0	4.65μ	18.3n	3.53μ	0
	0	0														
762	1	45	5.2000	7.3000	1.6000	X SLO	-4.64μ	-18.4n	-3.53μ	0	0	0	4.64μ	18.4n	3.53μ	0
	0	0														
889	1	46	0.0000	7.5600	1.6000	X SLO	-4.65μ	-11.8n	-3.53μ	0	0	0	4.65μ	11.8n	3.53μ	0
	0	0														
753	1	50	5.2000	7.5600	1.6000	X SLO	-4.64μ	-11.8n	-3.53μ	0	0	0	4.64μ	11.8n	3.53μ	0
	0	0														

2029	1	51	0.0000	9.0600	1.6000	X SLO	-4.68μ	-0.18μ	-3.55μ	0	0	0	4.68μ	0.18μ	3.55μ	0
	0	0														
1073	1	55	5.2000	9.0600	1.6000	X SLO	-4.67μ	-0.18μ	-3.55μ	0	0	0	4.67μ	0.18μ	3.55μ	0
	0	0														
1205	1	56	0.0000	10.5600	1.6000	X SLO	-4.74μ	-0.32μ	-3.62μ	0	0	0	4.74μ	0.32μ	3.62μ	0
	0	0														
1091	1	60	5.2000	10.5600	1.6000	X SLO	-4.74μ	-0.32μ	-3.62μ	0	0	0	4.74μ	0.32μ	3.62μ	0
	0	0														
1192	1	61	0.0000	10.8200	1.6000	X SLO	-4.74μ	-0.34μ	-3.64μ	0	0	0	4.74μ	0.34μ	3.64μ	0
	0	0														
1109	1	65	5.2000	10.8200	1.6000	X SLO	-4.74μ	-0.34μ	-3.64μ	0	0	0	4.74μ	0.34μ	3.64μ	0
	0	0														
1236	1	66	0.0000	11.0800	1.6000	X SLO	-4.74μ	-0.36μ	-3.66μ	0	0	0	4.74μ	0.36μ	3.66μ	0
	0	0														
1100	1	70	5.2000	11.0800	1.6000	X SLO	-4.74μ	-0.36μ	-3.66μ	0	0	0	4.74μ	0.36μ	3.66μ	0
	0	0														
1848	1	71	0.0000	12.5800	1.6000	X SLO	-4.50μ	-0.45μ	-3.83μ	0	0	0	4.50μ	0.45μ	3.83μ	0
	0	0														
1667	1	75	5.2000	12.5800	1.6000	X SLO	-4.50μ	-0.45μ	-3.83μ	0	0	0	4.50μ	0.45μ	3.83μ	0
	0	0														
1505	1	76	0.0000	14.0800	1.6000	X SLO	-3.75μ	-0.50μ	-4.07μ	0	0	0	3.75μ	0.50μ	4.07μ	0
	0	0														
1685	1	80	5.2000	14.0800	1.6000	X SLO	-3.75μ	-0.50μ	-4.07μ	0	0	0	3.75μ	0.50μ	4.07μ	0
	0	0														
1542	1	81	0.0000	14.9200	1.6000	X SLO	-3.25μ	-0.51μ	-4.23μ	0	0	0	3.25μ	0.51μ	4.23μ	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	X SLO	-3.21μ	-0.32μ	-2.50μ	0	0	0	3.21μ	0.32μ	2.50μ	0
	0	0														
1805	1	83	2.5400	14.9200	1.6000	X SLO	-3.19μ	-18.2n	-96.8n	0	0	0	3.19μ	18.2n	96.8n	0
	0	0														
1590	1	84	4.0500	14.9200	1.6000	X SLO	-3.21μ	-0.30μ	-2.34μ	0	0	0	3.21μ	0.30μ	2.34μ	0
	0	0														
1734	1	85	5.2000	14.9200	1.6000	X SLO	-3.25μ	-0.51μ	-4.23μ	0	0	0	3.25μ	0.51μ	4.23μ	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Sisma Y SLO

Nodo						Min.							Max.				
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Sisma	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
[°]	rot z [°]																
FEM																	
15	0	1	0.0000	0.0000	0.0000	Y SLO	-21.6n	-0.10μ	-1.59μ	0	0	0	21.6n	0.10μ	1.59μ	0	
	0	0															
19	0	2	1.0500	0.0000	0.0000	Y SLO	-18.1n	-0.15μ	-1.56μ	0	0	0	18.1n	0.15μ	1.56μ	0	
	0	0															
50	0	3	2.5400	0.0000	0.0000	Y SLO	-1.70n	-0.19μ	-1.54μ	0	0	0	1.70n	0.19μ	1.54μ	0	
	0	0															
81	0	4	4.0500	0.0000	0.0000	Y SLO	-17.2n	-0.15μ	-1.55μ	0	0	0	17.2n	0.15μ	1.55μ	0	
	0	0															
104	0	5	5.2000	0.0000	0.0000	Y SLO	-21.4n	-0.10μ	-1.59μ	0	0	0	21.4n	0.10μ	1.59μ	0	
	0	0															
25	0	6	0.0000	0.5200	0.0000	Y SLO	-34.1n	-0.10μ	-1.44μ	0	0	0	34.1n	0.10μ	1.44μ	0	
	0	0															
21	0	7	1.0500	0.5200	0.0000	Y SLO	-27.9n	-0.14μ	-1.36μ	0	0	0	27.9n	0.14μ	1.36μ	0	
	0	0															
52	0	8	2.5400	0.5200	0.0000	Y SLO	-1.55n	-0.16μ	-1.31μ	0	0	0	1.55n	0.16μ	1.31μ	0	
	0	0															
83	0	9	4.0500	0.5200	0.0000	Y SLO	-26.5n	-0.14μ	-1.35μ	0	0	0	26.5n	0.14μ	1.35μ	0	
	0	0															
106	0	10	5.2000	0.5200	0.0000	Y SLO	-34.0n	-0.10μ	-1.44μ	0	0	0	34.0n	0.10μ	1.44μ	0	
	0	0															
149	0	11	0.0000	2.0200	0.0000	Y SLO	-74.2n	-87.6n	-1.04μ	0	0	0	74.2n	87.6n	1.04μ	0	
	0	0															
145	0	12	1.0500	2.0200	0.0000	Y SLO	-52.4n	-98.6n	-0.88μ	0	0	0	52.4n	98.6n	0.88μ	0	
	0	0															
196	0	13	2.5400	2.0200	0.0000	Y SLO	-2.18n	-0.10μ	-0.77μ	0	0	0	2.18n	0.10μ	0.77μ	0	
	0	0															
243	0	14	4.0500	2.0200	0.0000	Y SLO	-49.6n	-99.3n	-0.86μ	0	0	0	49.6n	99.3n	0.86μ	0	
	0	0															
278	0	15	5.2000	2.0200	0.0000	Y SLO	-74.2n	-87.6n	-1.04μ	0	0	0	74.2n	87.6n	1.04μ	0	
	0	0															
321	0	16	0.0000	3.5200	0.0000	Y SLO	-83.1n	-74.4n	-0.71μ	0	0	0	83.1n	74.4n	0.71μ	0	
	0	0															
317	0	17	1.0500	3.5200	0.0000	Y SLO	-53.5n	-67.5n	-0.53μ	0	0	0	53.5n	67.5n	0.53μ	0	
	0	0															
368	0	18	2.5400	3.5200	0.0000	Y SLO	-2.16n	-63.3n	-0.43μ	0	0	0	2.16n	63.3n	0.43μ	0	
	0	0															
415	0	19	4.0500	3.5200	0.0000	Y SLO	-50.4n	-67.0n	-0.52μ	0	0	0	50.4n	67.0n	0.52μ	0	
	0	0															
450	0	20	5.2000	3.5200	0.0000	Y SLO	-83.1n	-74.4n	-0.71μ	0	0	0	83.1n	74.4n	0.71μ	0	
	0	0															
469	0	21	0.0000	3.7800	0.0000	Y SLO	-81.8n	-72.5n	-0.66μ	0	0	0	81.8n	72.5n	0.66μ	0	
	0	0															
465	0	22	1.0500	3.7800	0.0000	Y SLO	-51.9n	-63.4n	-0.49μ	0	0	0	51.9n	63.4n	0.49μ	0	
	0	0															
484	0	23	2.5400	3.7800	0.0000	Y SLO	-2.10n	-57.8n	-0.39μ	0	0	0	2.10n	57.8n	0.39μ	0	
	0	0															
503	0	24	4.0500	3.7800	0.0000	Y SLO	-48.9n	-62.7n	-0.48μ	0	0	0	48.9n	62.7n	0.48μ	0	
	0	0															
518	0	25	5.2000	3.7800	0.0000	Y SLO	-81.8n	-72.4n	-0.66μ	0	0	0	81.8n	72.4n	0.66μ	0	
	0	0															

537	0	26	0.0000	4.0400	0.0000	Y SLO	-80.0n	-70.6n	-0.60μ	0	0	0	80.0n	70.6n	0.60μ	0
	0	0														
533	0	27	1.0500	4.0400	0.0000	Y SLO	-49.9n	-59.5n	-0.44μ	0	0	0	49.9n	59.5n	0.44μ	0
	0	0														
552	0	28	2.5400	4.0400	0.0000	Y SLO	-2.01n	-52.9n	-0.35μ	0	0	0	2.01n	52.9n	0.35μ	0
	0	0														
571	0	29	4.0500	4.0400	0.0000	Y SLO	-47.0n	-58.7n	-0.43μ	0	0	0	47.0n	58.7n	0.43μ	0
	0	0														
586	0	30	5.2000	4.0400	0.0000	Y SLO	-80.0n	-70.6n	-0.60μ	0	0	0	80.0n	70.6n	0.60μ	0
	0	0														
629	0	31	0.0000	5.5400	0.0000	Y SLO	-57.3n	-62.2n	-0.33μ	0	0	0	57.3n	62.2n	0.33μ	0
	0	0														
625	0	32	1.0500	5.5400	0.0000	Y SLO	-32.2n	-44.9n	-0.23μ	0	0	0	32.2n	44.9n	0.23μ	0
	0	0														
676	0	33	2.5400	5.5400	0.0000	Y SLO	-1.30n	-35.4n	-0.18μ	0	0	0	1.30n	35.4n	0.18μ	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	Y SLO	-30.2n	-43.7n	-0.22μ	0	0	0	30.2n	43.7n	0.22μ	0
	0	0														
758	0	35	5.2000	5.5400	0.0000	Y SLO	-57.2n	-62.2n	-0.33μ	0	0	0	57.2n	62.2n	0.33μ	0
	0	0														
801	0	36	0.0000	7.0400	0.0000	Y SLO	-15.3n	-59.2n	-70.5n	0	0	0	15.3n	59.2n	70.5n	0
	0	0														
797	0	37	1.0500	7.0400	0.0000	Y SLO	-7.53n	-41.2n	-49.1n	0	0	0	7.53n	41.2n	49.1n	0
	0	0														
848	0	38	2.5400	7.0400	0.0000	Y SLO	-0.32n	-32.7n	-39.0n	0	0	0	0.32n	32.7n	39.0n	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	Y SLO	-7.03n	-40.0n	-47.8n	0	0	0	7.03n	40.0n	47.8n	0
	0	0														
930	0	40	5.2000	7.0400	0.0000	Y SLO	-15.2n	-59.2n	-70.4n	0	0	0	15.2n	59.2n	70.4n	0
	0	0														
949	0	41	0.0000	7.3000	0.0000	Y SLO	-6.12n	-59.1n	-26.7n	0	0	0	6.12n	59.1n	26.7n	0
	0	0														
945	0	42	1.0500	7.3000	0.0000	Y SLO	-2.88n	-41.2n	-18.6n	0	0	0	2.88n	41.2n	18.6n	0
	0	0														
964	0	43	2.5400	7.3000	0.0000	Y SLO	-0.14n	-32.7n	-14.8n	0	0	0	0.14n	32.7n	14.8n	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	Y SLO	-2.69n	-40.0n	-18.1n	0	0	0	2.69n	40.0n	18.1n	0
	0	0														
998	0	45	5.2000	7.3000	0.0000	Y SLO	-6.06n	-59.0n	-26.7n	0	0	0	6.06n	59.0n	26.7n	0
	0	0														
1017	0	46	0.0000	7.5600	0.0000	Y SLO	-3.73n	-59.1n	-17.0n	0	0	0	3.73n	59.1n	17.0n	0
	0	0														
1013	0	47	1.0500	7.5600	0.0000	Y SLO	-1.83n	-41.1n	-12.0n	0	0	0	1.83n	41.1n	12.0n	0
	0	0														
1032	0	48	2.5400	7.5600	0.0000	Y SLO	-0.11n	-32.7n	-9.63n	0	0	0	0.11n	32.7n	9.63n	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	Y SLO	-1.72n	-40.0n	-11.8n	0	0	0	1.72n	40.0n	11.8n	0
	0	0														
1066	0	50	5.2000	7.5600	0.0000	Y SLO	-3.68n	-59.0n	-17.1n	0	0	0	3.68n	59.0n	17.1n	0
	0	0														
1109	0	51	0.0000	9.0600	0.0000	Y SLO	-49.5n	-61.2n	-0.27μ	0	0	0	49.5n	61.2n	0.27μ	0
	0	0														
1105	0	52	1.0500	9.0600	0.0000	Y SLO	-27.4n	-43.3n	-0.19μ	0	0	0	27.4n	43.3n	0.19μ	0
	0	0														
1156	0	53	2.5400	9.0600	0.0000	Y SLO	-1.10n	-33.9n	-0.15μ	0	0	0	1.10n	33.9n	0.15μ	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	Y SLO	-25.6n	-42.1n	-0.19μ	0	0	0	25.6n	42.1n	0.19μ	0
	0	0														
1238	0	55	5.2000	9.0600	0.0000	Y SLO	-49.4n	-61.1n	-0.27μ	0	0	0	49.4n	61.1n	0.27μ	0
	0	0														
1281	0	56	0.0000	10.5600	0.0000	Y SLO	-77.1n	-68.4n	-0.54μ	0	0	0	77.1n	68.4n	0.54μ	0
	0	0														
1277	0	57	1.0500	10.5600	0.0000	Y SLO	-47.0n	-55.4n	-0.39μ	0	0	0	47.0n	55.4n	0.39μ	0
	0	0														
1328	0	58	2.5400	10.5600	0.0000	Y SLO	-1.90n	-47.7n	-0.31μ	0	0	0	1.90n	47.7n	0.31μ	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	Y SLO	-44.2n	-54.4n	-0.38μ	0	0	0	44.2n	54.4n	0.38μ	0
	0	0														
1410	0	60	5.2000	10.5600	0.0000	Y SLO	-77.0n	-68.4n	-0.54μ	0	0	0	77.0n	68.4n	0.54μ	0
	0	0														
1429	0	61	0.0000	10.8200	0.0000	Y SLO	-79.5n	-70.2n	-0.59μ	0	0	0	79.5n	70.2n	0.59μ	0
	0	0														
1425	0	62	1.0500	10.8200	0.0000	Y SLO	-49.5n	-58.7n	-0.43μ	0	0	0	49.5n	58.7n	0.43μ	0
	0	0														
1444	0	63	2.5400	10.8200	0.0000	Y SLO	-2.00n	-51.9n	-0.35μ	0	0	0	2.00n	51.9n	0.35μ	0
	0	0														
1463	0	64	4.0500	10.8200	0.0000	Y SLO	-46.5n	-57.9n	-0.42μ	0	0	0	46.5n	57.9n	0.42μ	0
	0	0														
1478	0	65	5.2000	10.8200	0.0000	Y SLO	-79.5n	-70.1n	-0.59μ	0	0	0	79.5n	70.1n	0.59μ	0
	0	0														
1497	0	66	0.0000	11.0800	0.0000	Y SLO	-81.3n	-72.1n	-0.64μ	0	0	0	81.3n	72.1n	0.64μ	0
	0	0														
1493	0	67	1.0500	11.0800	0.0000	Y SLO	-51.5n	-62.5n	-0.48μ	0	0	0	51.5n	62.5n	0.48μ	0
	0	0														
1512	0	68	2.5400	11.0800	0.0000	Y SLO	-2.08n	-56.7n	-0.38μ	0	0	0	2.08n	56.7n	0.38μ	0
	0	0														
1531	0	69	4.0500	11.0800	0.0000	Y SLO	-48.5n	-61.8n	-0.47μ	0	0	0	48.5n	61.8n	0.47μ	0
	0	0														
1546	0	70	5.2000	11.0800	0.0000	Y SLO	-81.4n	-72.0n	-0.64μ	0	0	0	81.4n	72.0n	0.64μ	0
	0	0														
1589	0	71	0.0000	12.5800	0.0000	Y SLO	-78.6n	-84.6n	-0.97μ	0	0	0	78.6n	84.6n	0.97μ	0
	0	0														
1585	0	72	1.0500	12.5800	0.0000	Y SLO	-54.4n	-90.9n	-0.79μ	0	0	0	54.4n	90.9n	0.79μ	0
	0	0														
1636	0	73	2.5400	12.5800	0.0000	Y SLO	-2.25n	-94.6n	-0.68μ	0	0	0	2.25n	94.6n	0.68μ	0
	0	0														

1683	0	74	4.0500	12.5800	0.0000	Y SLO	-51.4n	-91.4n	-0.78μ	0	0	0	51.4n	91.4n	0.78μ	0
	0	0														
1718	0	75	5.2000	12.5800	0.0000	Y SLO	-78.5n	-84.6n	-0.97μ	0	0	0	78.5n	84.6n	0.97μ	0
	0	0														
1761	0	76	0.0000	14.0800	0.0000	Y SLO	-44.7n	-0.10μ	-1.35μ	0	0	0	44.7n	0.10μ	1.35μ	0
	0	0														
1757	0	77	1.0500	14.0800	0.0000	Y SLO	-35.8n	-0.13μ	-1.24μ	0	0	0	35.8n	0.13μ	1.24μ	0
	0	0														
1808	0	78	2.5400	14.0800	0.0000	Y SLO	-1.69n	-0.15μ	-1.18μ	0	0	0	1.69n	0.15μ	1.18μ	0
	0	0														
1855	0	79	4.0500	14.0800	0.0000	Y SLO	-34.0n	-0.13μ	-1.24μ	0	0	0	34.0n	0.13μ	1.24μ	0
	0	0														
1890	0	80	5.2000	14.0800	0.0000	Y SLO	-44.6n	-0.10μ	-1.35μ	0	0	0	44.6n	0.10μ	1.35μ	0
	0	0														
1921	0	81	0.0000	14.9200	0.0000	Y SLO	-22.8n	-0.11μ	-1.59μ	0	0	0	22.8n	0.11μ	1.59μ	0
	0	0														
1917	0	82	1.0500	14.9200	0.0000	Y SLO	-19.2n	-0.15μ	-1.56μ	0	0	0	19.2n	0.15μ	1.56μ	0
	0	0														
1952	0	83	2.5400	14.9200	0.0000	Y SLO	-1.70n	-0.19μ	-1.54μ	0	0	0	1.70n	0.19μ	1.54μ	0
	0	0														
1985	0	84	4.0500	14.9200	0.0000	Y SLO	-18.3n	-0.15μ	-1.55μ	0	0	0	18.3n	0.15μ	1.55μ	0
	0	0														
2010	0	85	5.2000	14.9200	0.0000	Y SLO	-22.6n	-0.11μ	-1.59μ	0	0	0	22.6n	0.11μ	1.59μ	0
	0	0														
400	1	1	0.0000	0.0000	1.6000	Y SLO	-94.3n	-0.55μ	-1.59μ	0	0	0	94.3n	0.55μ	1.59μ	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	Y SLO	-71.2n	-1.36μ	-1.57μ	0	0	0	71.2n	1.36μ	1.57μ	0
	0	0														
332	1	3	2.5400	0.0000	1.6000	Y SLO	-7.37n	-2.21μ	-1.56μ	0	0	0	7.37n	2.21μ	1.56μ	0
	0	0														
483	1	4	4.0500	0.0000	1.6000	Y SLO	-67.0n	-1.45μ	-1.57μ	0	0	0	67.0n	1.45μ	1.57μ	0
	0	0														
49	1	5	5.2000	0.0000	1.6000	Y SLO	-94.4n	-0.55μ	-1.59μ	0	0	0	94.4n	0.55μ	1.59μ	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	Y SLO	-0.30μ	-0.54μ	-1.45μ	0	0	0	0.30μ	0.54μ	1.45μ	0
	0	0														
40	1	10	5.2000	0.5200	1.6000	Y SLO	-0.31μ	-0.54μ	-1.45μ	0	0	0	0.31μ	0.54μ	1.45μ	0
	0	0														
2370	1	11	0.0000	2.0200	1.6000	Y SLO	-0.68μ	-0.49μ	-1.06μ	0	0	0	0.68μ	0.49μ	1.06μ	0
	0	0														
106	1	15	5.2000	2.0200	1.6000	Y SLO	-0.68μ	-0.49μ	-1.06μ	0	0	0	0.68μ	0.49μ	1.06μ	0
	0	0														
2288	1	16	0.0000	3.5200	1.6000	Y SLO	-0.93μ	-0.43μ	-0.72μ	0	0	0	0.93μ	0.43μ	0.72μ	0
	0	0														
118	1	20	5.2000	3.5200	1.6000	Y SLO	-0.93μ	-0.43μ	-0.72μ	0	0	0	0.93μ	0.43μ	0.72μ	0
	0	0														
2275	1	21	0.0000	3.7800	1.6000	Y SLO	-0.95μ	-0.42μ	-0.67μ	0	0	0	0.95μ	0.42μ	0.67μ	0
	0	0														
136	1	25	5.2000	3.7800	1.6000	Y SLO	-0.95μ	-0.42μ	-0.67μ	0	0	0	0.95μ	0.42μ	0.67μ	0
	0	0														
2319	1	26	0.0000	4.0400	1.6000	Y SLO	-0.96μ	-0.41μ	-0.62μ	0	0	0	0.96μ	0.41μ	0.62μ	0
	0	0														
127	1	30	5.2000	4.0400	1.6000	Y SLO	-0.96μ	-0.41μ	-0.62μ	0	0	0	0.96μ	0.41μ	0.62μ	0
	0	0														
2396	1	31	0.0000	5.5400	1.6000	Y SLO	-0.80μ	-0.38μ	-0.33μ	0	0	0	0.80μ	0.38μ	0.33μ	0
	0	0														
726	1	35	5.2000	5.5400	1.6000	Y SLO	-0.80μ	-0.37μ	-0.33μ	0	0	0	0.80μ	0.37μ	0.33μ	0
	0	0														
858	1	36	0.0000	7.0400	1.6000	Y SLO	-0.22μ	-0.36μ	-72.3n	0	0	0	0.22μ	0.36μ	72.3n	0
	0	0														
744	1	40	5.2000	7.0400	1.6000	Y SLO	-0.22μ	-0.36μ	-72.2n	0	0	0	0.22μ	0.36μ	72.2n	0
	0	0														
845	1	41	0.0000	7.3000	1.6000	Y SLO	-85.8n	-0.36μ	-27.4n	0	0	0	85.8n	0.36μ	27.4n	0
	0	0														
762	1	45	5.2000	7.3000	1.6000	Y SLO	-86.9n	-0.36μ	-27.4n	0	0	0	86.9n	0.36μ	27.4n	0
	0	0														
889	1	46	0.0000	7.5600	1.6000	Y SLO	-57.4n	-0.36μ	-17.4n	0	0	0	57.4n	0.36μ	17.4n	0
	0	0														
753	1	50	5.2000	7.5600	1.6000	Y SLO	-59.1n	-0.36μ	-17.5n	0	0	0	59.1n	0.36μ	17.5n	0
	0	0														
2029	1	51	0.0000	9.0600	1.6000	Y SLO	-0.71μ	-0.37μ	-0.28μ	0	0	0	0.71μ	0.37μ	0.28μ	0
	0	0														
1073	1	55	5.2000	9.0600	1.6000	Y SLO	-0.71μ	-0.37μ	-0.28μ	0	0	0	0.71μ	0.37μ	0.28μ	0
	0	0														
1205	1	56	0.0000	10.5600	1.6000	Y SLO	-0.97μ	-0.41μ	-0.55μ	0	0	0	0.97μ	0.41μ	0.55μ	0
	0	0														
1091	1	60	5.2000	10.5600	1.6000	Y SLO	-0.97μ	-0.40μ	-0.55μ	0	0	0	0.97μ	0.40μ	0.55μ	0
	0	0														
1192	1	61	0.0000	10.8200	1.6000	Y SLO	-0.96μ	-0.41μ	-0.60μ	0	0	0	0.96μ	0.41μ	0.60μ	0
	0	0														
1109	1	65	5.2000	10.8200	1.6000	Y SLO	-0.96μ	-0.41μ	-0.60μ	0	0	0	0.96μ	0.41μ	0.60μ	0
	0	0														
1236	1	66	0.0000	11.0800	1.6000	Y SLO	-0.95μ	-0.42μ	-0.66μ	0	0	0	0.95μ	0.42μ	0.66μ	0
	0	0														
1100	1	70	5.2000	11.0800	1.6000	Y SLO	-0.95μ	-0.42μ	-0.66μ	0	0	0	0.95μ	0.42μ	0.66μ	0
	0	0														
1848	1	71	0.0000	12.5800	1.6000	Y SLO	-0.73μ	-0.47μ	-0.99μ	0	0	0	0.73μ	0.47μ	0.99μ	0
	0	0														
1667	1	75	5.2000	12.5800	1.6000	Y SLO	-0.73μ	-0.47μ	-0.99μ	0	0	0	0.73μ	0.47μ	0.99μ	0
	0	0														
1505	1	76	0.0000	14.0800	1.6000	Y SLO	-0.40μ	-0.53μ	-1.37μ	0	0	0	0.40μ	0.53μ	1.37μ	0
	0	0														
1685	1	80	5.2000	14.0800	1.6000	Y SLO	-0.40μ	-0.53μ	-1.37μ	0	0	0	0.40μ	0.53μ	1.37μ	0
	0	0														
1542	1	81	0.0000	14.9200	1.6000	Y SLO	-0.10μ	-0.55μ	-1.59μ	0	0	0	0.10μ	0.55μ	1.59μ	0
	0	0														

1423	1	82	1.0500	14.9200	1.6000	Y SLO	-77.2n	-1.37μ	-1.57μ	0	0	0	77.2n	1.37μ	1.57μ	0
	0	0														
1805	1	83	2.5400	14.9200	1.6000	Y SLO	-6.71n	-2.21μ	-1.56μ	0	0	0	6.71n	2.21μ	1.56μ	0
	0	0														
1590	1	84	4.0500	14.9200	1.6000	Y SLO	-73.8n	-1.46μ	-1.57μ	0	0	0	73.8n	1.46μ	1.57μ	0
	0	0														
1734	1	85	5.2000	14.9200	1.6000	Y SLO	-0.10μ	-0.55μ	-1.59μ	0	0	0	0.10μ	0.55μ	1.59μ	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Sisma X SLD

						Min.										Max.	
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Sisma	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
Nodo	rot z [°]																
FEM																	
15	0	1	0.0000	0.0000	0.0000	X SLD	-0.60μ	-0.10μ	-4.32μ	0	0	0	0.60μ	0.10μ	4.32μ	0	
	0	0															
19	0	2	1.0500	0.0000	0.0000	X SLD	-0.58μ	-83.1n	-2.55μ	0	0	0	0.58μ	83.1n	2.55μ	0	
	0	0															
50	0	3	2.5400	0.0000	0.0000	X SLD	-0.57μ	-3.97n	-98.3n	0	0	0	0.57μ	3.97n	98.3n	0	
	0	0															
81	0	4	4.0500	0.0000	0.0000	X SLD	-0.58μ	-79.6n	-2.38μ	0	0	0	0.58μ	79.6n	2.38μ	0	
	0	0															
104	0	5	5.2000	0.0000	0.0000	X SLD	-0.60μ	-0.10μ	-4.32μ	0	0	0	0.60μ	0.10μ	4.32μ	0	
	0	0															
25	0	6	0.0000	0.5200	0.0000	X SLD	-0.60μ	-0.10μ	-4.22μ	0	0	0	0.60μ	0.10μ	4.22μ	0	
	0	0															
21	0	7	1.0500	0.5200	0.0000	X SLD	-0.57μ	-84.5n	-2.45μ	0	0	0	0.57μ	84.5n	2.45μ	0	
	0	0															
52	0	8	2.5400	0.5200	0.0000	X SLD	-0.54μ	-3.89n	-93.4n	0	0	0	0.54μ	3.89n	93.4n	0	
	0	0															
83	0	9	4.0500	0.5200	0.0000	X SLD	-0.57μ	-80.8n	-2.29μ	0	0	0	0.57μ	80.8n	2.29μ	0	
	0	0															
106	0	10	5.2000	0.5200	0.0000	X SLD	-0.60μ	-0.10μ	-4.22μ	0	0	0	0.60μ	0.10μ	4.22μ	0	
	0	0															
149	0	11	0.0000	2.0200	0.0000	X SLD	-0.62μ	-94.4n	-3.95μ	0	0	0	0.62μ	94.4n	3.95μ	0	
	0	0															
145	0	12	1.0500	2.0200	0.0000	X SLD	-0.54μ	-67.4n	-2.22μ	0	0	0	0.54μ	67.4n	2.22μ	0	
	0	0															
196	0	13	2.5400	2.0200	0.0000	X SLD	-0.48μ	-2.89n	-82.2n	0	0	0	0.48μ	2.89n	82.2n	0	
	0	0															
243	0	14	4.0500	2.0200	0.0000	X SLD	-0.53μ	-63.8n	-2.06μ	0	0	0	0.53μ	63.8n	2.06μ	0	
	0	0															
278	0	15	5.2000	2.0200	0.0000	X SLD	-0.62μ	-94.6n	-3.95μ	0	0	0	0.62μ	94.6n	3.95μ	0	
	0	0															
321	0	16	0.0000	3.5200	0.0000	X SLD	-0.61μ	-79.7n	-3.76μ	0	0	0	0.61μ	79.7n	3.76μ	0	
	0	0															
317	0	17	1.0500	3.5200	0.0000	X SLD	-0.52μ	-47.5n	-2.08μ	0	0	0	0.52μ	47.5n	2.08μ	0	
	0	0															
368	0	18	2.5400	3.5200	0.0000	X SLD	-0.44μ	-1.89n	-76.0n	0	0	0	0.44μ	1.89n	76.0n	0	
	0	0															
415	0	19	4.0500	3.5200	0.0000	X SLD	-0.51μ	-44.4n	-1.93μ	0	0	0	0.51μ	44.4n	1.93μ	0	
	0	0															
450	0	20	5.2000	3.5200	0.0000	X SLD	-0.60μ	-79.8n	-3.76μ	0	0	0	0.60μ	79.8n	3.76μ	0	
	0	0															
469	0	21	0.0000	3.7800	0.0000	X SLD	-0.60μ	-76.3n	-3.74μ	0	0	0	0.60μ	76.3n	3.74μ	0	
	0	0															
465	0	22	1.0500	3.7800	0.0000	X SLD	-0.52μ	-44.2n	-2.06μ	0	0	0	0.52μ	44.2n	2.06μ	0	
	0	0															
484	0	23	2.5400	3.7800	0.0000	X SLD	-0.44μ	-1.73n	-75.3n	0	0	0	0.44μ	1.73n	75.3n	0	
	0	0															
503	0	24	4.0500	3.7800	0.0000	X SLD	-0.51μ	-41.2n	-1.92μ	0	0	0	0.51μ	41.2n	1.92μ	0	
	0	0															
518	0	25	5.2000	3.7800	0.0000	X SLD	-0.60μ	-76.4n	-3.74μ	0	0	0	0.60μ	76.4n	3.74μ	0	
	0	0															
537	0	26	0.0000	4.0400	0.0000	X SLD	-0.60μ	-72.4n	-3.72μ	0	0	0	0.60μ	72.4n	3.72μ	0	
	0	0															
533	0	27	1.0500	4.0400	0.0000	X SLD	-0.51μ	-40.9n	-2.05μ	0	0	0	0.51μ	40.9n	2.05μ	0	
	0	0															
552	0	28	2.5400	4.0400	0.0000	X SLD	-0.44μ	-1.59n	-74.7n	0	0	0	0.44μ	1.59n	74.7n	0	
	0	0															
571	0	29	4.0500	4.0400	0.0000	X SLD	-0.50μ	-38.1n	-1.91μ	0	0	0	0.50μ	38.1n	1.91μ	0	
	0	0															
586	0	30	5.2000	4.0400	0.0000	X SLD	-0.60μ	-72.6n	-3.72μ	0	0	0	0.60μ	72.6n	3.72μ	0	
	0	0															
629	0	31	0.0000	5.5400	0.0000	X SLD	-0.59μ	-45.4n	-3.64μ	0	0	0	0.59μ	45.4n	3.64μ	0	
	0	0															
625	0	32	1.0500	5.5400	0.0000	X SLD	-0.50μ	-22.6n	-2.00μ	0	0	0	0.50μ	22.6n	2.00μ	0	
	0	0															
676	0	33	2.5400	5.5400	0.0000	X SLD	-0.42μ	-0.83n	-72.6n	0	0	0	0.42μ	0.83n	72.6n	0	
	0	0															
723	0	34	4.0500	5.5400	0.0000	X SLD	-0.49μ	-20.9n	-1.86μ	0	0	0	0.49μ	20.9n	1.86μ	0	
	0	0															
758	0	35	5.2000	5.5400	0.0000	X SLD	-0.59μ	-45.5n	-3.64μ	0	0	0	0.59μ	45.5n	3.64μ	0	
	0	0															
801	0	36	0.0000	7.0400	0.0000	X SLD	-0.59μ	-10.6n	-3.62μ	0	0	0	0.59μ	10.6n	3.62μ	0	
	0	0															
797	0	37	1.0500	7.0400	0.0000	X SLD	-0.50μ	-4.95n	-1.98μ	0	0	0	0.50μ	4.95n	1.98μ	0	
	0	0															
848	0	38	2.5400	7.0400	0.0000	X SLD	-0.42μ	-0.18n	-71.8n	0	0	0	0.42μ	0.18n	71.8n	0	
	0	0															

895	0	39	4.0500	7.0400	0.0000	X SLD	-0.49μ	-4.55n	-1.84μ	0	0	0	0.49μ	4.55n	1.84μ	0
	0	0														
930	0	40	5.2000	7.0400	0.0000	X SLD	-0.59μ	-10.7n	-3.61μ	0	0	0	0.59μ	10.7n	3.61μ	0
	0	0														
949	0	41	0.0000	7.3000	0.0000	X SLD	-0.59μ	-4.08n	-3.62μ	0	0	0	0.59μ	4.08n	3.62μ	0
	0	0														
945	0	42	1.0500	7.3000	0.0000	X SLD	-0.50μ	-1.88n	-1.98μ	0	0	0	0.50μ	1.88n	1.98μ	0
	0	0														
964	0	43	2.5400	7.3000	0.0000	X SLD	-0.42μ	-84.4p	-71.8n	0	0	0	0.42μ	84.4p	71.8n	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	X SLD	-0.49μ	-1.73n	-1.84μ	0	0	0	0.49μ	1.73n	1.84μ	0
	0	0														
998	0	45	5.2000	7.3000	0.0000	X SLD	-0.59μ	-4.09n	-3.61μ	0	0	0	0.59μ	4.09n	3.61μ	0
	0	0														
1017	0	46	0.0000	7.5600	0.0000	X SLD	-0.59μ	-2.55n	-3.62μ	0	0	0	0.59μ	2.55n	3.62μ	0
	0	0														
1013	0	47	1.0500	7.5600	0.0000	X SLD	-0.50μ	-1.21n	-1.98μ	0	0	0	0.50μ	1.21n	1.98μ	0
	0	0														
1032	0	48	2.5400	7.5600	0.0000	X SLD	-0.42μ	-66.1p	-71.8n	0	0	0	0.42μ	66.1p	71.8n	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	X SLD	-0.49μ	-1.11n	-1.84μ	0	0	0	0.49μ	1.11n	1.84μ	0
	0	0														
1066	0	50	5.2000	7.5600	0.0000	X SLD	-0.59μ	-2.56n	-3.61μ	0	0	0	0.59μ	2.56n	3.61μ	0
	0	0														
1109	0	51	0.0000	9.0600	0.0000	X SLD	-0.59μ	-38.6n	-3.63μ	0	0	0	0.59μ	38.6n	3.63μ	0
	0	0														
1105	0	52	1.0500	9.0600	0.0000	X SLD	-0.50μ	-18.9n	-1.99μ	0	0	0	0.50μ	18.9n	1.99μ	0
	0	0														
1156	0	53	2.5400	9.0600	0.0000	X SLD	-0.42μ	-0.68n	-72.3n	0	0	0	0.42μ	0.68n	72.3n	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	X SLD	-0.49μ	-17.4n	-1.85μ	0	0	0	0.49μ	17.4n	1.85μ	0
	0	0														
1238	0	55	5.2000	9.0600	0.0000	X SLD	-0.59μ	-38.7n	-3.63μ	0	0	0	0.59μ	38.7n	3.63μ	0
	0	0														
1281	0	56	0.0000	10.5600	0.0000	X SLD	-0.60μ	-67.5n	-3.70μ	0	0	0	0.60μ	67.5n	3.70μ	0
	0	0														
1277	0	57	1.0500	10.5600	0.0000	X SLD	-0.51μ	-36.9n	-2.04μ	0	0	0	0.51μ	36.9n	2.04μ	0
	0	0														
1328	0	58	2.5400	10.5600	0.0000	X SLD	-0.43μ	-1.41n	-74.1n	0	0	0	0.43μ	1.41n	74.1n	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	X SLD	-0.50μ	-34.3n	-1.89μ	0	0	0	0.50μ	34.3n	1.89μ	0
	0	0														
1410	0	60	5.2000	10.5600	0.0000	X SLD	-0.60μ	-67.6n	-3.70μ	0	0	0	0.60μ	67.6n	3.70μ	0
	0	0														
1429	0	61	0.0000	10.8200	0.0000	X SLD	-0.60μ	-71.7n	-3.72μ	0	0	0	0.60μ	71.7n	3.72μ	0
	0	0														
1425	0	62	1.0500	10.8200	0.0000	X SLD	-0.51μ	-40.1n	-2.05μ	0	0	0	0.51μ	40.1n	2.05μ	0
	0	0														
1444	0	63	2.5400	10.8200	0.0000	X SLD	-0.44μ	-1.55n	-74.6n	0	0	0	0.44μ	1.55n	74.6n	0
	0	0														
1463	0	64	4.0500	10.8200	0.0000	X SLD	-0.50μ	-37.4n	-1.90μ	0	0	0	0.50μ	37.4n	1.90μ	0
	0	0														
1478	0	65	5.2000	10.8200	0.0000	X SLD	-0.60μ	-71.8n	-3.72μ	0	0	0	0.60μ	71.8n	3.72μ	0
	0	0														
1497	0	66	0.0000	11.0800	0.0000	X SLD	-0.60μ	-75.4n	-3.74μ	0	0	0	0.60μ	75.4n	3.74μ	0
	0	0														
1493	0	67	1.0500	11.0800	0.0000	X SLD	-0.51μ	-43.4n	-2.06μ	0	0	0	0.51μ	43.4n	2.06μ	0
	0	0														
1512	0	68	2.5400	11.0800	0.0000	X SLD	-0.44μ	-1.70n	-75.2n	0	0	0	0.44μ	1.70n	75.2n	0
	0	0														
1531	0	69	4.0500	11.0800	0.0000	X SLD	-0.51μ	-40.6n	-1.92μ	0	0	0	0.51μ	40.6n	1.92μ	0
	0	0														
1546	0	70	5.2000	11.0800	0.0000	X SLD	-0.60μ	-75.5n	-3.74μ	0	0	0	0.60μ	75.5n	3.74μ	0
	0	0														
1589	0	71	0.0000	12.5800	0.0000	X SLD	-0.61μ	-92.0n	-3.91μ	0	0	0	0.61μ	92.0n	3.91μ	0
	0	0														
1585	0	72	1.0500	12.5800	0.0000	X SLD	-0.54μ	-63.1n	-2.18μ	0	0	0	0.54μ	63.1n	2.18μ	0
	0	0														
1636	0	73	2.5400	12.5800	0.0000	X SLD	-0.47μ	-2.66n	-80.5n	0	0	0	0.47μ	2.66n	80.5n	0
	0	0														
1683	0	74	4.0500	12.5800	0.0000	X SLD	-0.53μ	-59.6n	-2.03μ	0	0	0	0.53μ	59.6n	2.03μ	0
	0	0														
1718	0	75	5.2000	12.5800	0.0000	X SLD	-0.61μ	-92.2n	-3.91μ	0	0	0	0.61μ	92.2n	3.91μ	0
	0	0														
1761	0	76	0.0000	14.0800	0.0000	X SLD	-0.61μ	-0.10μ	-4.16μ	0	0	0	0.61μ	0.10μ	4.16μ	0
	0	0														
1757	0	77	1.0500	14.0800	0.0000	X SLD	-0.57μ	-82.2n	-2.39μ	0	0	0	0.57μ	82.2n	2.39μ	0
	0	0														
1808	0	78	2.5400	14.0800	0.0000	X SLD	-0.53μ	-3.73n	-90.6n	0	0	0	0.53μ	3.73n	90.6n	0
	0	0														
1855	0	79	4.0500	14.0800	0.0000	X SLD	-0.56μ	-78.4n	-2.23μ	0	0	0	0.56μ	78.4n	2.23μ	0
	0	0														
1890	0	80	5.2000	14.0800	0.0000	X SLD	-0.61μ	-0.10μ	-4.16μ	0	0	0	0.61μ	0.10μ	4.16μ	0
	0	0														
1921	0	81	0.0000	14.9200	0.0000	X SLD	-0.60μ	-0.10μ	-4.33μ	0	0	0	0.60μ	0.10μ	4.33μ	0
	0	0														
1917	0	82	1.0500	14.9200	0.0000	X SLD	-0.59μ	-83.1n	-2.55μ	0	0	0	0.59μ	83.1n	2.55μ	0
	0	0														
1952	0	83	2.5400	14.9200	0.0000	X SLD	-0.57μ	-3.98n	-98.3n	0	0	0	0.57μ	3.98n	98.3n	0
	0	0														
1985	0	84	4.0500	14.9200	0.0000	X SLD	-0.58μ	-79.7n	-2.38μ	0	0	0	0.58μ	79.7n	2.38μ	0
	0	0														
2010	0	85	5.2000	14.9200	0.0000	X SLD	-0.60μ	-0.10μ	-4.32μ	0	0	0	0.60μ	0.10μ	4.32μ	0
	0	0														
400	1	1	0.0000	0.0000	1.6000	X SLD	-3.34μ	-0.55μ	-4.34μ	0	0	0	3.34μ	0.55μ	4.34μ	0
	0	0														

326	1	2	1.0500	0.0000	1.6000	X SLD	-3.30μ	-0.35μ	-2.57μ	0	0	0	3.30μ	0.35μ	2.57μ	0
	0	0														
332	1	3	2.5400	0.0000	1.6000	X SLD	-3.28μ	-20.5n	-99.5n	0	0	0	3.28μ	20.5n	99.5n	0
	0	0														
483	1	4	4.0500	0.0000	1.6000	X SLD	-3.30μ	-0.33μ	-2.40μ	0	0	0	3.30μ	0.33μ	2.40μ	0
	0	0														
49	1	5	5.2000	0.0000	1.6000	X SLD	-3.34μ	-0.55μ	-4.34μ	0	0	0	3.34μ	0.55μ	4.34μ	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	X SLD	-3.64μ	-0.55μ	-4.24μ	0	0	0	3.64μ	0.55μ	4.24μ	0
	0	0														
40	1	10	5.2000	0.5200	1.6000	X SLD	-3.64μ	-0.55μ	-4.24μ	0	0	0	3.64μ	0.55μ	4.24μ	0
	0	0														
2370	1	11	0.0000	2.0200	1.6000	X SLD	-4.54μ	-0.50μ	-3.98μ	0	0	0	4.54μ	0.50μ	3.98μ	0
	0	0														
106	1	15	5.2000	2.0200	1.6000	X SLD	-4.54μ	-0.50μ	-3.98μ	0	0	0	4.54μ	0.50μ	3.98μ	0
	0	0														
2288	1	16	0.0000	3.5200	1.6000	X SLD	-4.89μ	-0.41μ	-3.79μ	0	0	0	4.89μ	0.41μ	3.79μ	0
	0	0														
118	1	20	5.2000	3.5200	1.6000	X SLD	-4.89μ	-0.42μ	-3.79μ	0	0	0	4.89μ	0.42μ	3.79μ	0
	0	0														
2275	1	21	0.0000	3.7800	1.6000	X SLD	-4.91μ	-0.40μ	-3.77μ	0	0	0	4.91μ	0.40μ	3.77μ	0
	0	0														
136	1	25	5.2000	3.7800	1.6000	X SLD	-4.90μ	-0.40μ	-3.77μ	0	0	0	4.90μ	0.40μ	3.77μ	0
	0	0														
2319	1	26	0.0000	4.0400	1.6000	X SLD	-4.91μ	-0.37μ	-3.75μ	0	0	0	4.91μ	0.37μ	3.75μ	0
	0	0														
127	1	30	5.2000	4.0400	1.6000	X SLD	-4.91μ	-0.37μ	-3.75μ	0	0	0	4.91μ	0.37μ	3.75μ	0
	0	0														
2396	1	31	0.0000	5.5400	1.6000	X SLD	-4.85μ	-0.23μ	-3.67μ	0	0	0	4.85μ	0.23μ	3.67μ	0
	0	0														
726	1	35	5.2000	5.5400	1.6000	X SLD	-4.84μ	-0.23μ	-3.67μ	0	0	0	4.84μ	0.23μ	3.67μ	0
	0	0														
858	1	36	0.0000	7.0400	1.6000	X SLD	-4.80μ	-52.7n	-3.64μ	0	0	0	4.80μ	52.7n	3.64μ	0
	0	0														
744	1	40	5.2000	7.0400	1.6000	X SLD	-4.79μ	-52.8n	-3.64μ	0	0	0	4.79μ	52.8n	3.64μ	0
	0	0														
845	1	41	0.0000	7.3000	1.6000	X SLD	-4.80μ	-20.1n	-3.64μ	0	0	0	4.80μ	20.1n	3.64μ	0
	0	0														
762	1	45	5.2000	7.3000	1.6000	X SLD	-4.79μ	-20.2n	-3.64μ	0	0	0	4.79μ	20.2n	3.64μ	0
	0	0														
889	1	46	0.0000	7.5600	1.6000	X SLD	-4.80μ	-12.9n	-3.64μ	0	0	0	4.80μ	12.9n	3.64μ	0
	0	0														
753	1	50	5.2000	7.5600	1.6000	X SLD	-4.79μ	-12.9n	-3.64μ	0	0	0	4.79μ	12.9n	3.64μ	0
	0	0														
2029	1	51	0.0000	9.0600	1.6000	X SLD	-4.83μ	-0.19μ	-3.66μ	0	0	0	4.83μ	0.19μ	3.66μ	0
	0	0														
1073	1	55	5.2000	9.0600	1.6000	X SLD	-4.83μ	-0.19μ	-3.66μ	0	0	0	4.83μ	0.19μ	3.66μ	0
	0	0														
1205	1	56	0.0000	10.5600	1.6000	X SLD	-4.91μ	-0.35μ	-3.73μ	0	0	0	4.91μ	0.35μ	3.73μ	0
	0	0														
1091	1	60	5.2000	10.5600	1.6000	X SLD	-4.90μ	-0.35μ	-3.73μ	0	0	0	4.90μ	0.35μ	3.73μ	0
	0	0														
1192	1	61	0.0000	10.8200	1.6000	X SLD	-4.91μ	-0.37μ	-3.74μ	0	0	0	4.91μ	0.37μ	3.74μ	0
	0	0														
1109	1	65	5.2000	10.8200	1.6000	X SLD	-4.91μ	-0.37μ	-3.74μ	0	0	0	4.91μ	0.37μ	3.74μ	0
	0	0														
1236	1	66	0.0000	11.0800	1.6000	X SLD	-4.91μ	-0.39μ	-3.76μ	0	0	0	4.91μ	0.39μ	3.76μ	0
	0	0														
1100	1	70	5.2000	11.0800	1.6000	X SLD	-4.91μ	-0.39μ	-3.76μ	0	0	0	4.91μ	0.39μ	3.76μ	0
	0	0														
1848	1	71	0.0000	12.5800	1.6000	X SLD	-4.66μ	-0.49μ	-3.94μ	0	0	0	4.66μ	0.49μ	3.94μ	0
	0	0														
1667	1	75	5.2000	12.5800	1.6000	X SLD	-4.66μ	-0.49μ	-3.93μ	0	0	0	4.66μ	0.49μ	3.93μ	0
	0	0														
1505	1	76	0.0000	14.0800	1.6000	X SLD	-3.86μ	-0.54μ	-4.18μ	0	0	0	3.86μ	0.54μ	4.18μ	0
	0	0														
1685	1	80	5.2000	14.0800	1.6000	X SLD	-3.86μ	-0.54μ	-4.18μ	0	0	0	3.86μ	0.54μ	4.18μ	0
	0	0														
1542	1	81	0.0000	14.9200	1.6000	X SLD	-3.34μ	-0.55μ	-4.35μ	0	0	0	3.34μ	0.55μ	4.35μ	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	X SLD	-3.30μ	-0.35μ	-2.57μ	0	0	0	3.30μ	0.35μ	2.57μ	0
	0	0														
1805	1	83	2.5400	14.9200	1.6000	X SLD	-3.28μ	-20.5n	-99.5n	0	0	0	3.28μ	20.5n	99.5n	0
	0	0														
1590	1	84	4.0500	14.9200	1.6000	X SLD	-3.30μ	-0.33μ	-2.41μ	0	0	0	3.30μ	0.33μ	2.41μ	0
	0	0														
1734	1	85	5.2000	14.9200	1.6000	X SLD	-3.34μ	-0.55μ	-4.34μ	0	0	0	3.34μ	0.55μ	4.34μ	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– Spostamenti Nodi. Sisma Y SLD

Nodo						Min.												Max.	
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Sisma	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y		
FEM	rot z [°]																		
15	0	1	0.0000	0.0000	0.0000	Y SLD	-24.3n	-0.11μ	-1.70μ	0	0	0	24.3n	0.11μ	1.70μ	0			
	0	0																	
19	0	2	1.0500	0.0000	0.0000	Y SLD	-20.4n	-0.16μ	-1.66μ	0	0	0	20.4n	0.16μ	1.66μ	0			
	0	0																	
50	0	3	2.5400	0.0000	0.0000	Y SLD	-2.02n	-0.20μ	-1.64μ	0	0	0	2.02n	0.20μ	1.64μ	0			
	0	0																	

81	0	4	4.0500	0.0000	0.0000	Y SLD	-19.5n	-0.17μ	-1.66μ	0	0	0	19.5n	0.17μ	1.66μ	0
	0	0														
104	0	5	5.2000	0.0000	0.0000	Y SLD	-24.0n	-0.11μ	-1.70μ	0	0	0	24.0n	0.11μ	1.70μ	0
	0	0														
25	0	6	0.0000	0.5200	0.0000	Y SLD	-37.4n	-0.11μ	-1.54μ	0	0	0	37.4n	0.11μ	1.54μ	0
	0	0														
21	0	7	1.0500	0.5200	0.0000	Y SLD	-30.3n	-0.15μ	-1.45μ	0	0	0	30.3n	0.15μ	1.45μ	0
	0	0														
52	0	8	2.5400	0.5200	0.0000	Y SLD	-1.78n	-0.17μ	-1.39μ	0	0	0	1.78n	0.17μ	1.39μ	0
	0	0														
83	0	9	4.0500	0.5200	0.0000	Y SLD	-28.8n	-0.15μ	-1.44μ	0	0	0	28.8n	0.15μ	1.44μ	0
	0	0														
106	0	10	5.2000	0.5200	0.0000	Y SLD	-37.3n	-0.11μ	-1.54μ	0	0	0	37.3n	0.11μ	1.54μ	0
	0	0														
149	0	11	0.0000	2.0200	0.0000	Y SLD	-80.0n	-93.5n	-1.12μ	0	0	0	80.0n	93.5n	1.12μ	0
	0	0														
145	0	12	1.0500	2.0200	0.0000	Y SLD	-56.1n	-0.11μ	-0.94μ	0	0	0	56.1n	0.11μ	0.94μ	0
	0	0														
196	0	13	2.5400	2.0200	0.0000	Y SLD	-2.35n	-0.11μ	-0.83μ	0	0	0	2.35n	0.11μ	0.83μ	0
	0	0														
243	0	14	4.0500	2.0200	0.0000	Y SLD	-53.1n	-0.11μ	-0.92μ	0	0	0	53.1n	0.11μ	0.92μ	0
	0	0														
278	0	15	5.2000	2.0200	0.0000	Y SLD	-80.0n	-93.5n	-1.12μ	0	0	0	80.0n	93.5n	1.12μ	0
	0	0														
321	0	16	0.0000	3.5200	0.0000	Y SLD	-89.7n	-79.5n	-0.76μ	0	0	0	89.7n	79.5n	0.76μ	0
	0	0														
317	0	17	1.0500	3.5200	0.0000	Y SLD	-57.3n	-72.2n	-0.57μ	0	0	0	57.3n	72.2n	0.57μ	0
	0	0														
368	0	18	2.5400	3.5200	0.0000	Y SLD	-2.32n	-67.7n	-0.47μ	0	0	0	2.32n	67.7n	0.47μ	0
	0	0														
415	0	19	4.0500	3.5200	0.0000	Y SLD	-53.9n	-71.7n	-0.56μ	0	0	0	53.9n	71.7n	0.56μ	0
	0	0														
450	0	20	5.2000	3.5200	0.0000	Y SLD	-89.7n	-79.5n	-0.76μ	0	0	0	89.7n	79.5n	0.76μ	0
	0	0														
469	0	21	0.0000	3.7800	0.0000	Y SLD	-88.5n	-77.5n	-0.70μ	0	0	0	88.5n	77.5n	0.70μ	0
	0	0														
465	0	22	1.0500	3.7800	0.0000	Y SLD	-55.6n	-67.8n	-0.52μ	0	0	0	55.6n	67.8n	0.52μ	0
	0	0														
484	0	23	2.5400	3.7800	0.0000	Y SLD	-2.24n	-61.9n	-0.42μ	0	0	0	2.24n	61.9n	0.42μ	0
	0	0														
503	0	24	4.0500	3.7800	0.0000	Y SLD	-52.3n	-67.1n	-0.51μ	0	0	0	52.3n	67.1n	0.51μ	0
	0	0														
518	0	25	5.2000	3.7800	0.0000	Y SLD	-88.5n	-77.4n	-0.70μ	0	0	0	88.5n	77.4n	0.70μ	0
	0	0														
537	0	26	0.0000	4.0400	0.0000	Y SLD	-86.7n	-75.6n	-0.65μ	0	0	0	86.7n	75.6n	0.65μ	0
	0	0														
533	0	27	1.0500	4.0400	0.0000	Y SLD	-53.5n	-63.7n	-0.48μ	0	0	0	53.5n	63.7n	0.48μ	0
	0	0														
552	0	28	2.5400	4.0400	0.0000	Y SLD	-2.16n	-56.8n	-0.38μ	0	0	0	2.16n	56.8n	0.38μ	0
	0	0														
571	0	29	4.0500	4.0400	0.0000	Y SLD	-50.3n	-62.8n	-0.47μ	0	0	0	50.3n	62.8n	0.47μ	0
	0	0														
586	0	30	5.2000	4.0400	0.0000	Y SLD	-86.6n	-75.5n	-0.65μ	0	0	0	86.6n	75.5n	0.65μ	0
	0	0														
629	0	31	0.0000	5.5400	0.0000	Y SLD	-62.9n	-66.6n	-0.35μ	0	0	0	62.9n	66.6n	0.35μ	0
	0	0														
625	0	32	1.0500	5.5400	0.0000	Y SLD	-34.7n	-48.3n	-0.25μ	0	0	0	34.7n	48.3n	0.25μ	0
	0	0														
676	0	33	2.5400	5.5400	0.0000	Y SLD	-1.39n	-38.4n	-0.20μ	0	0	0	1.39n	38.4n	0.20μ	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	Y SLD	-32.4n	-47.1n	-0.24μ	0	0	0	32.4n	47.1n	0.24μ	0
	0	0														
758	0	35	5.2000	5.5400	0.0000	Y SLD	-62.7n	-66.6n	-0.35μ	0	0	0	62.7n	66.6n	0.35μ	0
	0	0														
801	0	36	0.0000	7.0400	0.0000	Y SLD	-17.2n	-63.6n	-75.8n	0	0	0	17.2n	63.6n	75.8n	0
	0	0														
797	0	37	1.0500	7.0400	0.0000	Y SLD	-8.13n	-44.8n	-53.4n	0	0	0	8.13n	44.8n	53.4n	0
	0	0														
848	0	38	2.5400	7.0400	0.0000	Y SLD	-0.34n	-36.0n	-43.0n	0	0	0	0.34n	36.0n	43.0n	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	Y SLD	-7.58n	-43.6n	-52.0n	0	0	0	7.58n	43.6n	52.0n	0
	0	0														
930	0	40	5.2000	7.0400	0.0000	Y SLD	-16.9n	-63.5n	-75.7n	0	0	0	16.9n	63.5n	75.7n	0
	0	0														
949	0	41	0.0000	7.3000	0.0000	Y SLD	-6.90n	-63.5n	-28.8n	0	0	0	6.90n	63.5n	28.8n	0
	0	0														
945	0	42	1.0500	7.3000	0.0000	Y SLD	-3.12n	-44.8n	-20.2n	0	0	0	3.12n	44.8n	20.2n	0
	0	0														
964	0	43	2.5400	7.3000	0.0000	Y SLD	-0.16n	-36.1n	-16.3n	0	0	0	0.16n	36.1n	16.3n	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	Y SLD	-2.91n	-43.6n	-19.7n	0	0	0	2.91n	43.6n	19.7n	0
	0	0														
998	0	45	5.2000	7.3000	0.0000	Y SLD	-6.82n	-63.4n	-28.8n	0	0	0	6.82n	63.4n	28.8n	0
	0	0														
1017	0	46	0.0000	7.5600	0.0000	Y SLD	-4.18n	-63.5n	-18.3n	0	0	0	4.18n	63.5n	18.3n	0
	0	0														
1013	0	47	1.0500	7.5600	0.0000	Y SLD	-1.98n	-44.8n	-13.2n	0	0	0	1.98n	44.8n	13.2n	0
	0	0														
1032	0	48	2.5400	7.5600	0.0000	Y SLD	-0.12n	-36.1n	-10.7n	0	0	0	0.12n	36.1n	10.7n	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	Y SLD	-1.86n	-43.6n	-12.9n	0	0	0	1.86n	43.6n	12.9n	0
	0	0														
1066	0	50	5.2000	7.5600	0.0000	Y SLD	-4.11n	-63.4n	-18.4n	0	0	0	4.11n	63.4n	18.4n	0
	0	0														
1109	0	51	0.0000	9.0600	0.0000	Y SLD	-54.5n	-65.5n	-0.29μ	0	0	0	54.5n	65.5n	0.29μ	0
	0	0														

1105	0	52	1.0500	9.0600	0.0000	Y SLD	-29.5n	-46.7n	-0.21μ	0	0	0	29.5n	46.7n	0.21μ	0
	0	0														
1156	0	53	2.5400	9.0600	0.0000	Y SLD	-1.18n	-36.9n	-0.16μ	0	0	0	1.18n	36.9n	0.16μ	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	Y SLD	-27.6n	-45.4n	-0.20μ	0	0	0	27.6n	45.4n	0.20μ	0
	0	0														
1238	0	55	5.2000	9.0600	0.0000	Y SLD	-54.3n	-65.5n	-0.29μ	0	0	0	54.3n	65.5n	0.29μ	0
	0	0														
1281	0	56	0.0000	10.5600	0.0000	Y SLD	-83.7n	-73.3n	-0.58μ	0	0	0	83.7n	73.3n	0.58μ	0
	0	0														
1277	0	57	1.0500	10.5600	0.0000	Y SLD	-50.4n	-59.3n	-0.42μ	0	0	0	50.4n	59.3n	0.42μ	0
	0	0														
1328	0	58	2.5400	10.5600	0.0000	Y SLD	-2.03n	-51.3n	-0.34μ	0	0	0	2.03n	51.3n	0.34μ	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	Y SLD	-47.4n	-58.3n	-0.41μ	0	0	0	47.4n	58.3n	0.41μ	0
	0	0														
1410	0	60	5.2000	10.5600	0.0000	Y SLD	-83.7n	-73.2n	-0.58μ	0	0	0	83.7n	73.2n	0.58μ	0
	0	0														
1429	0	61	0.0000	10.8200	0.0000	Y SLD	-86.1n	-75.1n	-0.63μ	0	0	0	86.1n	75.1n	0.63μ	0
	0	0														
1425	0	62	1.0500	10.8200	0.0000	Y SLD	-53.0n	-62.9n	-0.47μ	0	0	0	53.0n	62.9n	0.47μ	0
	0	0														
1444	0	63	2.5400	10.8200	0.0000	Y SLD	-2.14n	-55.7n	-0.37μ	0	0	0	2.14n	55.7n	0.37μ	0
	0	0														
1463	0	64	4.0500	10.8200	0.0000	Y SLD	-49.8n	-62.0n	-0.46μ	0	0	0	49.8n	62.0n	0.46μ	0
	0	0														
1478	0	65	5.2000	10.8200	0.0000	Y SLD	-86.1n	-75.0n	-0.63μ	0	0	0	86.1n	75.0n	0.63μ	0
	0	0														
1497	0	66	0.0000	11.0800	0.0000	Y SLD	-88.0n	-77.1n	-0.69μ	0	0	0	88.0n	77.1n	0.69μ	0
	0	0														
1493	0	67	1.0500	11.0800	0.0000	Y SLD	-55.2n	-66.9n	-0.51μ	0	0	0	55.2n	66.9n	0.51μ	0
	0	0														
1512	0	68	2.5400	11.0800	0.0000	Y SLD	-2.23n	-60.7n	-0.41μ	0	0	0	2.23n	60.7n	0.41μ	0
	0	0														
1531	0	69	4.0500	11.0800	0.0000	Y SLD	-51.9n	-66.1n	-0.50μ	0	0	0	51.9n	66.1n	0.50μ	0
	0	0														
1546	0	70	5.2000	11.0800	0.0000	Y SLD	-88.0n	-77.0n	-0.69μ	0	0	0	88.0n	77.0n	0.69μ	0
	0	0														
1589	0	71	0.0000	12.5800	0.0000	Y SLD	-84.6n	-90.2n	-1.04μ	0	0	0	84.6n	90.2n	1.04μ	0
	0	0														
1585	0	72	1.0500	12.5800	0.0000	Y SLD	-58.2n	-97.0n	-0.85μ	0	0	0	58.2n	97.0n	0.85μ	0
	0	0														
1636	0	73	2.5400	12.5800	0.0000	Y SLD	-2.41n	-0.10μ	-0.73μ	0	0	0	2.41n	0.10μ	0.73μ	0
	0	0														
1683	0	74	4.0500	12.5800	0.0000	Y SLD	-55.0n	-97.5n	-0.83μ	0	0	0	55.0n	97.5n	0.83μ	0
	0	0														
1718	0	75	5.2000	12.5800	0.0000	Y SLD	-84.6n	-90.2n	-1.04μ	0	0	0	84.6n	90.2n	1.04μ	0
	0	0														
1761	0	76	0.0000	14.0800	0.0000	Y SLD	-48.7n	-0.11μ	-1.44μ	0	0	0	48.7n	0.11μ	1.44μ	0
	0	0														
1757	0	77	1.0500	14.0800	0.0000	Y SLD	-38.7n	-0.14μ	-1.33μ	0	0	0	38.7n	0.14μ	1.33μ	0
	0	0														
1808	0	78	2.5400	14.0800	0.0000	Y SLD	-1.88n	-0.16μ	-1.26μ	0	0	0	1.88n	0.16μ	1.26μ	0
	0	0														
1855	0	79	4.0500	14.0800	0.0000	Y SLD	-36.8n	-0.14μ	-1.32μ	0	0	0	36.8n	0.14μ	1.32μ	0
	0	0														
1890	0	80	5.2000	14.0800	0.0000	Y SLD	-48.6n	-0.11μ	-1.44μ	0	0	0	48.6n	0.11μ	1.44μ	0
	0	0														
1921	0	81	0.0000	14.9200	0.0000	Y SLD	-25.7n	-0.11μ	-1.70μ	0	0	0	25.7n	0.11μ	1.70μ	0
	0	0														
1917	0	82	1.0500	14.9200	0.0000	Y SLD	-21.8n	-0.16μ	-1.66μ	0	0	0	21.8n	0.16μ	1.66μ	0
	0	0														
1952	0	83	2.5400	14.9200	0.0000	Y SLD	-2.03n	-0.20μ	-1.64μ	0	0	0	2.03n	0.20μ	1.64μ	0
	0	0														
1985	0	84	4.0500	14.9200	0.0000	Y SLD	-20.9n	-0.17μ	-1.66μ	0	0	0	20.9n	0.17μ	1.66μ	0
	0	0														
2010	0	85	5.2000	14.9200	0.0000	Y SLD	-25.5n	-0.11μ	-1.70μ	0	0	0	25.5n	0.11μ	1.70μ	0
	0	0														
400	1	1	0.0000	0.0000	1.6000	Y SLD	-0.11μ	-0.59μ	-1.70μ	0	0	0	0.11μ	0.59μ	1.70μ	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	Y SLD	-82.1n	-1.50μ	-1.68μ	0	0	0	82.1n	1.50μ	1.68μ	0
	0	0														
332	1	3	2.5400	0.0000	1.6000	Y SLD	-8.80n	-2.45μ	-1.66μ	0	0	0	8.80n	2.45μ	1.66μ	0
	0	0														
483	1	4	4.0500	0.0000	1.6000	Y SLD	-77.1n	-1.60μ	-1.68μ	0	0	0	77.1n	1.60μ	1.68μ	0
	0	0														
49	1	5	5.2000	0.0000	1.6000	Y SLD	-0.11μ	-0.59μ	-1.70μ	0	0	0	0.11μ	0.59μ	1.70μ	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	Y SLD	-0.34μ	-0.57μ	-1.55μ	0	0	0	0.34μ	0.57μ	1.55μ	0
	0	0														
40	1	10	5.2000	0.5200	1.6000	Y SLD	-0.34μ	-0.57μ	-1.55μ	0	0	0	0.34μ	0.57μ	1.55μ	0
	0	0														
2370	1	11	0.0000	2.0200	1.6000	Y SLD	-0.75μ	-0.52μ	-1.13μ	0	0	0	0.75μ	0.52μ	1.13μ	0
	0	0														
106	1	15	5.2000	2.0200	1.6000	Y SLD	-0.75μ	-0.52μ	-1.14μ	0	0	0	0.75μ	0.52μ	1.14μ	0
	0	0														
2288	1	16	0.0000	3.5200	1.6000	Y SLD	-1.02μ	-0.46μ	-0.77μ	0	0	0	1.02μ	0.46μ	0.77μ	0
	0	0														
118	1	20	5.2000	3.5200	1.6000	Y SLD	-1.02μ	-0.46μ	-0.77μ	0	0	0	1.02μ	0.46μ	0.77μ	0
	0	0														
2275	1	21	0.0000	3.7800	1.6000	Y SLD	-1.04μ	-0.45μ	-0.71μ	0	0	0	1.04μ	0.45μ	0.71μ	0
	0	0														
136	1	25	5.2000	3.7800	1.6000	Y SLD	-1.04μ	-0.45μ	-0.72μ	0	0	0	1.04μ	0.45μ	0.72μ	0
	0	0														
2319	1	26	0.0000	4.0400	1.6000	Y SLD	-1.06μ	-0.44μ	-0.66μ	0	0	0	1.06μ	0.44μ	0.66μ	0
	0	0														

127	1 0 0	30 0 0	5.2000	4.0400	1.6000	Y SLD	-1.06μ	-0.44μ	-0.66μ	0	0	0	1.06μ	0.44μ	0.66μ	0
2396	1 0 0	31 0 0	0.0000	5.5400	1.6000	Y SLD	-0.89μ	-0.40μ	-0.36μ	0	0	0	0.89μ	0.40μ	0.36μ	0
726	1 0 0	35 0 0	5.2000	5.5400	1.6000	Y SLD	-0.89μ	-0.40μ	-0.36μ	0	0	0	0.89μ	0.40μ	0.36μ	0
858	1 0 0	36 0 0	0.0000	7.0400	1.6000	Y SLD	-0.25μ	-0.39μ	-77.8n	0	0	0	0.25μ	0.39μ	77.8n	0
744	1 0 0	40 0 0	5.2000	7.0400	1.6000	Y SLD	-0.25μ	-0.39μ	-77.6n	0	0	0	0.25μ	0.39μ	77.6n	0
845	1 0 0	41 0 0	0.0000	7.3000	1.6000	Y SLD	-96.2n	-0.39μ	-29.5n	0	0	0	96.2n	0.39μ	29.5n	0
762	1 0 0	45 0 0	5.2000	7.3000	1.6000	Y SLD	-97.6n	-0.38μ	-29.5n	0	0	0	97.6n	0.38μ	29.5n	0
889	1 0 0	46 0 0	0.0000	7.5600	1.6000	Y SLD	-65.0n	-0.39μ	-18.8n	0	0	0	65.0n	0.39μ	18.8n	0
753	1 0 0	50 0 0	5.2000	7.5600	1.6000	Y SLD	-67.2n	-0.38μ	-18.9n	0	0	0	67.2n	0.38μ	18.9n	0
2029	1 0 0	51 0 0	0.0000	9.0600	1.6000	Y SLD	-0.78μ	-0.40μ	-0.30μ	0	0	0	0.78μ	0.40μ	0.30μ	0
1073	1 0 0	55 0 0	5.2000	9.0600	1.6000	Y SLD	-0.78μ	-0.40μ	-0.30μ	0	0	0	0.78μ	0.40μ	0.30μ	0
1205	1 0 0	56 0 0	0.0000	10.5600	1.6000	Y SLD	-1.06μ	-0.43μ	-0.59μ	0	0	0	1.06μ	0.43μ	0.59μ	0
1091	1 0 0	60 0 0	5.2000	10.5600	1.6000	Y SLD	-1.06μ	-0.43μ	-0.59μ	0	0	0	1.06μ	0.43μ	0.59μ	0
1192	1 0 0	61 0 0	0.0000	10.8200	1.6000	Y SLD	-1.06μ	-0.44μ	-0.65μ	0	0	0	1.06μ	0.44μ	0.65μ	0
1109	1 0 0	65 0 0	5.2000	10.8200	1.6000	Y SLD	-1.06μ	-0.44μ	-0.65μ	0	0	0	1.06μ	0.44μ	0.65μ	0
1236	1 0 0	66 0 0	0.0000	11.0800	1.6000	Y SLD	-1.04μ	-0.45μ	-0.70μ	0	0	0	1.04μ	0.45μ	0.70μ	0
1100	1 0 0	70 0 0	5.2000	11.0800	1.6000	Y SLD	-1.04μ	-0.45μ	-0.70μ	0	0	0	1.04μ	0.45μ	0.70μ	0
1848	1 0 0	71 0 0	0.0000	12.5800	1.6000	Y SLD	-0.80μ	-0.51μ	-1.05μ	0	0	0	0.80μ	0.51μ	1.05μ	0
1667	1 0 0	75 0 0	5.2000	12.5800	1.6000	Y SLD	-0.80μ	-0.51μ	-1.05μ	0	0	0	0.80μ	0.51μ	1.05μ	0
1505	1 0 0	76 0 0	0.0000	14.0800	1.6000	Y SLD	-0.45μ	-0.57μ	-1.46μ	0	0	0	0.45μ	0.57μ	1.46μ	0
1685	1 0 0	80 0 0	5.2000	14.0800	1.6000	Y SLD	-0.45μ	-0.57μ	-1.46μ	0	0	0	0.45μ	0.57μ	1.46μ	0
1542	1 0 0	81 0 0	0.0000	14.9200	1.6000	Y SLD	-0.12μ	-0.59μ	-1.70μ	0	0	0	0.12μ	0.59μ	1.70μ	0
1423	1 0 0	82 0 0	1.0500	14.9200	1.6000	Y SLD	-89.3n	-1.50μ	-1.68μ	0	0	0	89.3n	1.50μ	1.68μ	0
1805	1 0 0	83 0 0	2.5400	14.9200	1.6000	Y SLD	-8.00n	-2.45μ	-1.66μ	0	0	0	8.00n	2.45μ	1.66μ	0
1590	1 0 0	84 0 0	4.0500	14.9200	1.6000	Y SLD	-85.3n	-1.61μ	-1.68μ	0	0	0	85.3n	1.61μ	1.68μ	0
1734	1 0 0	85 0 0	5.2000	14.9200	1.6000	Y SLD	-0.12μ	-0.59μ	-1.70μ	0	0	0	0.12μ	0.59μ	1.70μ	0

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

– **Spostamenti Nodi. Sisma X SLV**

[illegible]

317	0	17	1.0500	3.5200	0.0000	X SLV	-0.96μ	-88.6n	-3.84μ	0	0	0	0.96μ	88.6n	3.84μ	0
	0	0														
368	0	18	2.5400	3.5200	0.0000	X SLV	-0.82μ	-3.52n	-0.14μ	0	0	0	0.82μ	3.52n	0.14μ	0
	0	0														
415	0	19	4.0500	3.5200	0.0000	X SLV	-0.94μ	-82.9n	-3.57μ	0	0	0	0.94μ	82.9n	3.57μ	0
	0	0														
450	0	20	5.2000	3.5200	0.0000	X SLV	-1.12μ	-0.15μ	-6.95μ	0	0	0	1.12μ	0.15μ	6.95μ	0
	0	0														
469	0	21	0.0000	3.7800	0.0000	X SLV	-1.11μ	-0.14μ	-6.91μ	0	0	0	1.11μ	0.14μ	6.91μ	0
	0	0														
465	0	22	1.0500	3.7800	0.0000	X SLV	-0.95μ	-82.3n	-3.81μ	0	0	0	0.95μ	82.3n	3.81μ	0
	0	0														
484	0	23	2.5400	3.7800	0.0000	X SLV	-0.81μ	-3.23n	-0.14μ	0	0	0	0.81μ	3.23n	0.14μ	0
	0	0														
503	0	24	4.0500	3.7800	0.0000	X SLV	-0.94μ	-76.9n	-3.54μ	0	0	0	0.94μ	76.9n	3.54μ	0
	0	0														
518	0	25	5.2000	3.7800	0.0000	X SLV	-1.11μ	-0.14μ	-6.91μ	0	0	0	1.11μ	0.14μ	6.91μ	0
	0	0														
537	0	26	0.0000	4.0400	0.0000	X SLV	-1.11μ	-0.14μ	-6.88μ	0	0	0	1.11μ	0.14μ	6.88μ	0
	0	0														
533	0	27	1.0500	4.0400	0.0000	X SLV	-0.95μ	-76.2n	-3.79μ	0	0	0	0.95μ	76.2n	3.79μ	0
	0	0														
552	0	28	2.5400	4.0400	0.0000	X SLV	-0.81μ	-2.96n	-0.14μ	0	0	0	0.81μ	2.96n	0.14μ	0
	0	0														
571	0	29	4.0500	4.0400	0.0000	X SLV	-0.93μ	-71.1n	-3.52μ	0	0	0	0.93μ	71.1n	3.52μ	0
	0	0														
586	0	30	5.2000	4.0400	0.0000	X SLV	-1.11μ	-0.14μ	-6.87μ	0	0	0	1.11μ	0.14μ	6.87μ	0
	0	0														
629	0	31	0.0000	5.5400	0.0000	X SLV	-1.10μ	-84.9n	-6.73μ	0	0	0	1.10μ	84.9n	6.73μ	0
	0	0														
625	0	32	1.0500	5.5400	0.0000	X SLV	-0.93μ	-42.2n	-3.70μ	0	0	0	0.93μ	42.2n	3.70μ	0
	0	0														
676	0	33	2.5400	5.5400	0.0000	X SLV	-0.79μ	-1.54n	-0.13μ	0	0	0	0.79μ	1.54n	0.13μ	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	X SLV	-0.91μ	-39.0n	-3.43μ	0	0	0	0.91μ	39.0n	3.43μ	0
	0	0														
758	0	35	5.2000	5.5400	0.0000	X SLV	-1.09μ	-85.1n	-6.73μ	0	0	0	1.09μ	85.1n	6.73μ	0
	0	0														
801	0	36	0.0000	7.0400	0.0000	X SLV	-1.09μ	-19.9n	-6.69μ	0	0	0	1.09μ	19.9n	6.69μ	0
	0	0														
797	0	37	1.0500	7.0400	0.0000	X SLV	-0.92μ	-9.25n	-3.66μ	0	0	0	0.92μ	9.25n	3.66μ	0
	0	0														
848	0	38	2.5400	7.0400	0.0000	X SLV	-0.78μ	-0.34n	-0.13μ	0	0	0	0.78μ	0.34n	0.13μ	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	X SLV	-0.91μ	-8.49n	-3.40μ	0	0	0	0.91μ	8.49n	3.40μ	0
	0	0														
930	0	40	5.2000	7.0400	0.0000	X SLV	-1.09μ	-20.0n	-6.68μ	0	0	0	1.09μ	20.0n	6.68μ	0
	0	0														
949	0	41	0.0000	7.3000	0.0000	X SLV	-1.09μ	-7.63n	-6.68μ	0	0	0	1.09μ	7.63n	6.68μ	0
	0	0														
945	0	42	1.0500	7.3000	0.0000	X SLV	-0.92μ	-3.51n	-3.66μ	0	0	0	0.92μ	3.51n	3.66μ	0
	0	0														
964	0	43	2.5400	7.3000	0.0000	X SLV	-0.78μ	-0.16n	-0.13μ	0	0	0	0.78μ	0.16n	0.13μ	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	X SLV	-0.91μ	-3.23n	-3.40μ	0	0	0	0.91μ	3.23n	3.40μ	0
	0	0														
998	0	45	5.2000	7.3000	0.0000	X SLV	-1.09μ	-7.66n	-6.68μ	0	0	0	1.09μ	7.66n	6.68μ	0
	0	0														
1017	0	46	0.0000	7.5600	0.0000	X SLV	-1.09μ	-4.77n	-6.68μ	0	0	0	1.09μ	4.77n	6.68μ	0
	0	0														
1013	0	47	1.0500	7.5600	0.0000	X SLV	-0.92μ	-2.25n	-3.66μ	0	0	0	0.92μ	2.25n	3.66μ	0
	0	0														
1032	0	48	2.5400	7.5600	0.0000	X SLV	-0.78μ	-0.12n	-0.13μ	0	0	0	0.78μ	0.12n	0.13μ	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	X SLV	-0.91μ	-2.08n	-3.40μ	0	0	0	0.91μ	2.08n	3.40μ	0
	0	0														
1066	0	50	5.2000	7.5600	0.0000	X SLV	-1.09μ	-4.79n	-6.68μ	0	0	0	1.09μ	4.79n	6.68μ	0
	0	0														
1109	0	51	0.0000	9.0600	0.0000	X SLV	-1.09μ	-72.2n	-6.72μ	0	0	0	1.09μ	72.2n	6.72μ	0
	0	0														
1105	0	52	1.0500	9.0600	0.0000	X SLV	-0.93μ	-35.2n	-3.69μ	0	0	0	0.93μ	35.2n	3.69μ	0
	0	0														
1156	0	53	2.5400	9.0600	0.0000	X SLV	-0.78μ	-1.27n	-0.13μ	0	0	0	0.78μ	1.27n	0.13μ	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	X SLV	-0.91μ	-32.4n	-3.42μ	0	0	0	0.91μ	32.4n	3.42μ	0
	0	0														
1238	0	55	5.2000	9.0600	0.0000	X SLV	-1.09μ	-72.4n	-6.71μ	0	0	0	1.09μ	72.4n	6.71μ	0
	0	0														
1281	0	56	0.0000	10.5600	0.0000	X SLV	-1.11μ	-0.13μ	-6.84μ	0	0	0	1.11μ	0.13μ	6.84μ	0
	0	0														
1277	0	57	1.0500	10.5600	0.0000	X SLV	-0.94μ	-68.8n	-3.76μ	0	0	0	0.94μ	68.8n	3.76μ	0
	0	0														
1328	0	58	2.5400	10.5600	0.0000	X SLV	-0.80μ	-2.63n	-0.14μ	0	0	0	0.80μ	2.63n	0.14μ	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	X SLV	-0.93μ	-64.0n	-3.50μ	0	0	0	0.93μ	64.0n	3.50μ	0
	0	0														
1410	0	60	5.2000	10.5600	0.0000	X SLV	-1.11μ	-0.13μ	-6.83μ	0	0	0	1.11μ	0.13μ	6.83μ	0
	0	0														
1429	0	61	0.0000	10.8200	0.0000	X SLV	-1.11μ	-0.13μ	-6.87μ	0	0	0	1.11μ	0.13μ	6.87μ	0
	0	0														
1425	0	62	1.0500	10.8200	0.0000	X SLV	-0.95μ	-74.9n	-3.79μ	0	0	0	0.95μ	74.9n	3.79μ	0
	0	0														
1444	0	63	2.5400	10.8200	0.0000	X SLV	-0.81μ	-2.90n	-0.14μ	0	0	0	0.81μ	2.90n	0.14μ	0
	0	0														
1463	0	64	4.0500	10.8200	0.0000	X SLV	-0.93μ	-69.8n	-3.52μ	0	0	0	0.93μ	69.8n	3.52μ	0
	0	0														

1478	0	65	5.2000	10.8200	0.0000	X SLV	-1.11μ	-0.13μ	-6.87μ	0	0	0	1.11μ	0.13μ	6.87μ	0
	0	0														
1497	0	66	0.0000	11.0800	0.0000	X SLV	-1.11μ	-0.14μ	-6.91μ	0	0	0	1.11μ	0.14μ	6.91μ	0
	0	0														
1493	0	67	1.0500	11.0800	0.0000	X SLV	-0.95μ	-81.0n	-3.81μ	0	0	0	0.95μ	81.0n	3.81μ	0
	0	0														
1512	0	68	2.5400	11.0800	0.0000	X SLV	-0.81μ	-3.17n	-0.14μ	0	0	0	0.81μ	3.17n	0.14μ	0
	0	0														
1531	0	69	4.0500	11.0800	0.0000	X SLV	-0.94μ	-75.6n	-3.54μ	0	0	0	0.94μ	75.6n	3.54μ	0
	0	0														
1546	0	70	5.2000	11.0800	0.0000	X SLV	-1.11μ	-0.14μ	-6.90μ	0	0	0	1.11μ	0.14μ	6.90μ	0
	0	0														
1589	0	71	0.0000	12.5800	0.0000	X SLV	-1.14μ	-0.17μ	-7.22μ	0	0	0	1.14μ	0.17μ	7.22μ	0
	0	0														
1585	0	72	1.0500	12.5800	0.0000	X SLV	-0.99μ	-0.12μ	-4.03μ	0	0	0	0.99μ	0.12μ	4.03μ	0
	0	0														
1636	0	73	2.5400	12.5800	0.0000	X SLV	-0.87μ	-4.95n	-0.15μ	0	0	0	0.87μ	4.95n	0.15μ	0
	0	0														
1683	0	74	4.0500	12.5800	0.0000	X SLV	-0.98μ	-0.11μ	-3.75μ	0	0	0	0.98μ	0.11μ	3.75μ	0
	0	0														
1718	0	75	5.2000	12.5800	0.0000	X SLV	-1.13μ	-0.17μ	-7.22μ	0	0	0	1.13μ	0.17μ	7.22μ	0
	0	0														
1761	0	76	0.0000	14.0800	0.0000	X SLV	-1.12μ	-0.19μ	-7.68μ	0	0	0	1.12μ	0.19μ	7.68μ	0
	0	0														
1757	0	77	1.0500	14.0800	0.0000	X SLV	-1.04μ	-0.15μ	-4.42μ	0	0	0	1.04μ	0.15μ	4.42μ	0
	0	0														
1808	0	78	2.5400	14.0800	0.0000	X SLV	-0.97μ	-6.94n	-0.17μ	0	0	0	0.97μ	6.94n	0.17μ	0
	0	0														
1855	0	79	4.0500	14.0800	0.0000	X SLV	-1.04μ	-0.15μ	-4.12μ	0	0	0	1.04μ	0.15μ	4.12μ	0
	0	0														
1890	0	80	5.2000	14.0800	0.0000	X SLV	-1.12μ	-0.19μ	-7.68μ	0	0	0	1.12μ	0.19μ	7.68μ	0
	0	0														
1921	0	81	0.0000	14.9200	0.0000	X SLV	-1.10μ	-0.19μ	-7.99μ	0	0	0	1.10μ	0.19μ	7.99μ	0
	0	0														
1917	0	82	1.0500	14.9200	0.0000	X SLV	-1.08μ	-0.15μ	-4.71μ	0	0	0	1.08μ	0.15μ	4.71μ	0
	0	0														
1952	0	83	2.5400	14.9200	0.0000	X SLV	-1.06μ	-7.40n	-0.18μ	0	0	0	1.06μ	7.40n	0.18μ	0
	0	0														
1985	0	84	4.0500	14.9200	0.0000	X SLV	-1.08μ	-0.15μ	-4.40μ	0	0	0	1.08μ	0.15μ	4.40μ	0
	0	0														
2010	0	85	5.2000	14.9200	0.0000	X SLV	-1.10μ	-0.19μ	-7.99μ	0	0	0	1.10μ	0.19μ	7.99μ	0
	0	0														
400	1	1	0.0000	0.0000	1.6000	X SLV	-6.17μ	-1.03μ	-8.03μ	0	0	0	6.17μ	1.03μ	8.03μ	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	X SLV	-6.10μ	-0.65μ	-4.75μ	0	0	0	6.10μ	0.65μ	4.75μ	0
	0	0														
332	1	3	2.5400	0.0000	1.6000	X SLV	-6.05μ	-38.5n	-0.18μ	0	0	0	6.05μ	38.5n	0.18μ	0
	0	0														
483	1	4	4.0500	0.0000	1.6000	X SLV	-6.09μ	-0.62μ	-4.44μ	0	0	0	6.09μ	0.62μ	4.44μ	0
	0	0														
49	1	5	5.2000	0.0000	1.6000	X SLV	-6.16μ	-1.03μ	-8.02μ	0	0	0	6.16μ	1.03μ	8.02μ	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	X SLV	-6.73μ	-1.03μ	-7.84μ	0	0	0	6.73μ	1.03μ	7.84μ	0
	0	0														
40	1	10	5.2000	0.5200	1.6000	X SLV	-6.73μ	-1.03μ	-7.83μ	0	0	0	6.73μ	1.03μ	7.83μ	0
	0	0														
2370	1	11	0.0000	2.0200	1.6000	X SLV	-8.40μ	-0.94μ	-7.35μ	0	0	0	8.40μ	0.94μ	7.35μ	0
	0	0														
106	1	15	5.2000	2.0200	1.6000	X SLV	-8.39μ	-0.94μ	-7.35μ	0	0	0	8.39μ	0.94μ	7.35μ	0
	0	0														
2288	1	16	0.0000	3.5200	1.6000	X SLV	-9.05μ	-0.77μ	-7.01μ	0	0	0	9.05μ	0.77μ	7.01μ	0
	0	0														
118	1	20	5.2000	3.5200	1.6000	X SLV	-9.05μ	-0.77μ	-7.00μ	0	0	0	9.05μ	0.77μ	7.00μ	0
	0	0														
2275	1	21	0.0000	3.7800	1.6000	X SLV	-9.08μ	-0.74μ	-6.96μ	0	0	0	9.08μ	0.74μ	6.96μ	0
	0	0														
136	1	25	5.2000	3.7800	1.6000	X SLV	-9.07μ	-0.74μ	-6.96μ	0	0	0	9.07μ	0.74μ	6.96μ	0
	0	0														
2319	1	26	0.0000	4.0400	1.6000	X SLV	-9.08μ	-0.70μ	-6.93μ	0	0	0	9.08μ	0.70μ	6.93μ	0
	0	0														
127	1	30	5.2000	4.0400	1.6000	X SLV	-9.08μ	-0.70μ	-6.92μ	0	0	0	9.08μ	0.70μ	6.92μ	0
	0	0														
2396	1	31	0.0000	5.5400	1.6000	X SLV	-8.97μ	-0.43μ	-6.78μ	0	0	0	8.97μ	0.43μ	6.78μ	0
	0	0														
726	1	35	5.2000	5.5400	1.6000	X SLV	-8.96μ	-0.43μ	-6.78μ	0	0	0	8.96μ	0.43μ	6.78μ	0
	0	0														
858	1	36	0.0000	7.0400	1.6000	X SLV	-8.87μ	-98.5n	-6.73μ	0	0	0	8.87μ	98.5n	6.73μ	0
	0	0														
744	1	40	5.2000	7.0400	1.6000	X SLV	-8.86μ	-98.7n	-6.73μ	0	0	0	8.86μ	98.7n	6.73μ	0
	0	0														
845	1	41	0.0000	7.3000	1.6000	X SLV	-8.87μ	-37.6n	-6.73μ	0	0	0	8.87μ	37.6n	6.73μ	0
	0	0														
762	1	45	5.2000	7.3000	1.6000	X SLV	-8.86μ	-37.7n	-6.73μ	0	0	0	8.86μ	37.7n	6.73μ	0
	0	0														
889	1	46	0.0000	7.5600	1.6000	X SLV	-8.87μ	-24.1n	-6.73μ	0	0	0	8.87μ	24.1n	6.73μ	0
	0	0														
753	1	50	5.2000	7.5600	1.6000	X SLV	-8.86μ	-24.1n	-6.73μ	0	0	0	8.86μ	24.1n	6.73μ	0
	0	0														
2029	1	51	0.0000	9.0600	1.6000	X SLV	-8.94μ	-0.36μ	-6.77μ	0	0	0	8.94μ	0.36μ	6.77μ	0
	0	0														
1073	1	55	5.2000	9.0600	1.6000	X SLV	-8.93μ	-0.36μ	-6.76μ	0	0	0	8.93μ	0.36μ	6.76μ	0
	0	0														
1205	1	56	0.0000	10.5600	1.6000	X SLV	-9.08μ	-0.65μ	-6.89μ	0	0	0	9.08μ	0.65μ	6.89μ	0
	0	0														
1091	1	60	5.2000	10.5600	1.6000	X SLV	-9.07μ	-0.65μ	-6.88μ	0	0	0	9.07μ	0.65μ	6.88μ	0
	0	0														

1192	1	61	0.0000	10.8200	1.6000	X SLV	-9.09μ	-0.69μ	-6.92μ	0	0	0	9.09μ	0.69μ	6.92μ	0
	0	0														
1109	1	65	5.2000	10.8200	1.6000	X SLV	-9.08μ	-0.69μ	-6.92μ	0	0	0	9.08μ	0.69μ	6.92μ	0
	0	0														
1236	1	66	0.0000	11.0800	1.6000	X SLV	-9.08μ	-0.73μ	-6.96μ	0	0	0	9.08μ	0.73μ	6.96μ	0
	0	0														
1100	1	70	5.2000	11.0800	1.6000	X SLV	-9.08μ	-0.73μ	-6.95μ	0	0	0	9.08μ	0.73μ	6.95μ	0
	0	0														
1848	1	71	0.0000	12.5800	1.6000	X SLV	-8.62μ	-0.91μ	-7.27μ	0	0	0	8.62μ	0.91μ	7.27μ	0
	0	0														
1667	1	75	5.2000	12.5800	1.6000	X SLV	-8.61μ	-0.91μ	-7.27μ	0	0	0	8.61μ	0.91μ	7.27μ	0
	0	0														
1505	1	76	0.0000	14.0800	1.6000	X SLV	-7.14μ	-1.01μ	-7.72μ	0	0	0	7.14μ	1.01μ	7.72μ	0
	0	0														
1685	1	80	5.2000	14.0800	1.6000	X SLV	-7.14μ	-1.01μ	-7.72μ	0	0	0	7.14μ	1.01μ	7.72μ	0
	0	0														
1542	1	81	0.0000	14.9200	1.6000	X SLV	-6.17μ	-1.03μ	-8.03μ	0	0	0	6.17μ	1.03μ	8.03μ	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	X SLV	-6.10μ	-0.65μ	-4.75μ	0	0	0	6.10μ	0.65μ	4.75μ	0
	0	0														
1805	1	83	2.5400	14.9200	1.6000	X SLV	-6.06μ	-38.5n	-0.18μ	0	0	0	6.06μ	38.5n	0.18μ	0
	0	0														
1590	1	84	4.0500	14.9200	1.6000	X SLV	-6.09μ	-0.62μ	-4.44μ	0	0	0	6.09μ	0.62μ	4.44μ	0
	0	0														
1734	1	85	5.2000	14.9200	1.6000	X SLV	-6.17μ	-1.03μ	-8.03μ	0	0	0	6.17μ	1.03μ	8.03μ	0
	0	0														

Suffissi: f=10⁻¹⁵; p=10⁻¹²; n=10⁻⁹; μ=10⁻⁶; m=10⁻³; k=10³; M=10⁶; G=10⁹; T=10¹²; P=10¹⁵ (Sistema Internazionale di misura)

Spostamenti Nodi. Sisma Y SLV

Epistamenti Node Sisma Y SLV						Min.							Max.				
Nodo																	
Nodo	Piano	Filo	x[m]	y[m]	z[m]	Sisma	sx [m]	sy [m]	sz [m]	rot x [°]	rot y [°]	rot z [°]	sx [m]	sy [m]	sz [m]	rot x [°]	rot y
FEM	rot z [°]																
15	0	1	0.0000	0.0000	0.0000	Y SLV	-45.5n	-0.21μ	-3.16μ	0	0	0	45.5n	0.21μ	3.16μ	0	
	0	0															
19	0	2	1.0500	0.0000	0.0000	Y SLV	-38.4n	-0.30μ	-3.09μ	0	0	0	38.4n	0.30μ	3.09μ	0	
	0	0															
50	0	3	2.5400	0.0000	0.0000	Y SLV	-3.83n	-0.38μ	-3.05μ	0	0	0	3.83n	0.38μ	3.05μ	0	
	0	0															
81	0	4	4.0500	0.0000	0.0000	Y SLV	-36.6n	-0.31μ	-3.08μ	0	0	0	36.6n	0.31μ	3.08μ	0	
	0	0															
104	0	5	5.2000	0.0000	0.0000	Y SLV	-45.0n	-0.21μ	-3.16μ	0	0	0	45.0n	0.21μ	3.16μ	0	
	0	0															
25	0	6	0.0000	0.5200	0.0000	Y SLV	-70.0n	-0.21μ	-2.86μ	0	0	0	70.0n	0.21μ	2.86μ	0	
	0	0															
21	0	7	1.0500	0.5200	0.0000	Y SLV	-56.6n	-0.27μ	-2.70μ	0	0	0	56.6n	0.27μ	2.70μ	0	
	0	0															
52	0	8	2.5400	0.5200	0.0000	Y SLV	-3.34n	-0.32μ	-2.59μ	0	0	0	3.34n	0.32μ	2.59μ	0	
	0	0															
83	0	9	4.0500	0.5200	0.0000	Y SLV	-53.9n	-0.28μ	-2.69μ	0	0	0	53.9n	0.28μ	2.69μ	0	
	0	0															
106	0	10	5.2000	0.5200	0.0000	Y SLV	-69.6n	-0.21μ	-2.86μ	0	0	0	69.6n	0.21μ	2.86μ	0	
	0	0															
149	0	11	0.0000	2.0200	0.0000	Y SLV	-0.15μ	-0.17μ	-2.08μ	0	0	0	0.15μ	0.17μ	2.08μ	0	
	0	0															
145	0	12	1.0500	2.0200	0.0000	Y SLV	-0.10μ	-0.20μ	-1.74μ	0	0	0	0.10μ	0.20μ	1.74μ	0	
	0	0															
196	0	13	2.5400	2.0200	0.0000	Y SLV	-4.37n	-0.21μ	-1.54μ	0	0	0	4.37n	0.21μ	1.54μ	0	
	0	0															
243	0	14	4.0500	2.0200	0.0000	Y SLV	-98.9n	-0.20μ	-1.72μ	0	0	0	98.9n	0.20μ	1.72μ	0	
	0	0															
278	0	15	5.2000	2.0200	0.0000	Y SLV	-0.15μ	-0.17μ	-2.08μ	0	0	0	0.15μ	0.17μ	2.08μ	0	
	0	0															
321	0	16	0.0000	3.5200	0.0000	Y SLV	-0.17μ	-0.15μ	-1.41μ	0	0	0	0.17μ	0.15μ	1.41μ	0	
	0	0															
317	0	17	1.0500	3.5200	0.0000	Y SLV	-0.11μ	-0.13μ	-1.07μ	0	0	0	0.11μ	0.13μ	1.07μ	0	
	0	0															
368	0	18	2.5400	3.5200	0.0000	Y SLV	-4.31n	-0.13μ	-0.87μ	0	0	0	4.31n	0.13μ	0.87μ	0	
	0	0															
415	0	19	4.0500	3.5200	0.0000	Y SLV	-0.10μ	-0.13μ	-1.04μ	0	0	0	0.10μ	0.13μ	1.04μ	0	
	0	0															
450	0	20	5.2000	3.5200	0.0000	Y SLV	-0.17μ	-0.15μ	-1.41μ	0	0	0	0.17μ	0.15μ	1.41μ	0	
	0	0															
469	0	21	0.0000	3.7800	0.0000	Y SLV	-0.16μ	-0.14μ	-1.30μ	0	0	0	0.16μ	0.14μ	1.30μ	0	
	0	0															
465	0	22	1.0500	3.7800	0.0000	Y SLV	-0.10μ	-0.13μ	-0.98μ	0	0	0	0.10μ	0.13μ	0.98μ	0	
	0	0															
484	0	23	2.5400	3.7800	0.0000	Y SLV	-4.17n	-0.12μ	-0.79μ	0	0	0	4.17n	0.12μ	0.79μ	0	
	0	0															
503	0	24	4.0500	3.7800	0.0000	Y SLV	-97.4n	-0.12μ	-0.95μ	0	0	0	97.4n	0.12μ	0.95μ	0	
	0	0															
518	0	25	5.2000	3.7800	0.0000	Y SLV	-0.17μ	-0.14μ	-1.31μ	0	0	0	0.17μ	0.14μ	1.31μ	0	
	0	0															
537	0	26	0.0000	4.0400	0.0000	Y SLV	-0.16μ	-0.14μ	-1.20μ	0	0	0	0.16μ	0.14μ	1.20μ	0	
	0	0															
533	0	27	1.0500	4.0400	0.0000	Y SLV	-99.6n	-0.12μ	-0.89μ	0	0	0	99.6n	0.12μ	0.89μ	0	
	0	0															
552	0	28	2.5400	4.0400	0.0000	Y SLV	-4.01n	-0.11μ	-0.71μ	0	0	0	4.01n	0.11μ	0.71μ	0	
	0	0															
571	0	29	4.0500	4.0400	0.0000	Y SLV	-93.6n	-0.12μ	-0.87μ	0	0	0	93.6n	0.12μ	0.87μ	0	
	0	0															

586	0	30	5.2000	4.0400	0.0000	Y SLV	-0.16μ	-0.14μ	-1.20μ	0	0	0	0.16μ	0.14μ	1.20μ	0
	0	0														
629	0	31	0.0000	5.5400	0.0000	Y SLV	-0.12μ	-0.12μ	-0.65μ	0	0	0	0.12μ	0.12μ	0.65μ	0
	0	0														
625	0	32	1.0500	5.5400	0.0000	Y SLV	-64.6n	-89.9n	-0.46μ	0	0	0	64.6n	89.9n	0.46μ	0
	0	0														
676	0	33	2.5400	5.5400	0.0000	Y SLV	-2.60n	-71.6n	-0.37μ	0	0	0	2.60n	71.6n	0.37μ	0
	0	0														
723	0	34	4.0500	5.5400	0.0000	Y SLV	-60.4n	-87.7n	-0.45μ	0	0	0	60.4n	87.7n	0.45μ	0
	0	0														
758	0	35	5.2000	5.5400	0.0000	Y SLV	-0.12μ	-0.12μ	-0.65μ	0	0	0	0.12μ	0.12μ	0.65μ	0
	0	0														
801	0	36	0.0000	7.0400	0.0000	Y SLV	-32.3n	-0.12μ	-0.14μ	0	0	0	32.3n	0.12μ	0.14μ	0
	0	0														
797	0	37	1.0500	7.0400	0.0000	Y SLV	-15.2n	-83.6n	-99.7n	0	0	0	15.2n	83.6n	99.7n	0
	0	0														
848	0	38	2.5400	7.0400	0.0000	Y SLV	-0.64n	-67.4n	-80.4n	0	0	0	0.64n	67.4n	80.4n	0
	0	0														
895	0	39	4.0500	7.0400	0.0000	Y SLV	-14.1n	-81.4n	-97.0n	0	0	0	14.1n	81.4n	97.0n	0
	0	0														
930	0	40	5.2000	7.0400	0.0000	Y SLV	-31.8n	-0.12μ	-0.14μ	0	0	0	31.8n	0.12μ	0.14μ	0
	0	0														
949	0	41	0.0000	7.3000	0.0000	Y SLV	-13.0n	-0.12μ	-53.6n	0	0	0	13.0n	0.12μ	53.6n	0
	0	0														
945	0	42	1.0500	7.3000	0.0000	Y SLV	-5.81n	-83.6n	-37.7n	0	0	0	5.81n	83.6n	37.7n	0
	0	0														
964	0	43	2.5400	7.3000	0.0000	Y SLV	-0.30n	-67.5n	-30.5n	0	0	0	0.30n	67.5n	30.5n	0
	0	0														
983	0	44	4.0500	7.3000	0.0000	Y SLV	-5.42n	-81.4n	-36.7n	0	0	0	5.42n	81.4n	36.7n	0
	0	0														
998	0	45	5.2000	7.3000	0.0000	Y SLV	-12.8n	-0.12μ	-53.6n	0	0	0	12.8n	0.12μ	53.6n	0
	0	0														
1017	0	46	0.0000	7.5600	0.0000	Y SLV	-7.84n	-0.12μ	-34.1n	0	0	0	7.84n	0.12μ	34.1n	0
	0	0														
1013	0	47	1.0500	7.5600	0.0000	Y SLV	-3.68n	-83.6n	-24.6n	0	0	0	3.68n	83.6n	24.6n	0
	0	0														
1032	0	48	2.5400	7.5600	0.0000	Y SLV	-0.23n	-67.5n	-20.0n	0	0	0	0.23n	67.5n	20.0n	0
	0	0														
1051	0	49	4.0500	7.5600	0.0000	Y SLV	-3.47n	-81.3n	-24.0n	0	0	0	3.47n	81.3n	24.0n	0
	0	0														
1066	0	50	5.2000	7.5600	0.0000	Y SLV	-7.70n	-0.12μ	-34.3n	0	0	0	7.70n	0.12μ	34.3n	0
	0	0														
1109	0	51	0.0000	9.0600	0.0000	Y SLV	-0.10μ	-0.12μ	-0.54μ	0	0	0	0.10μ	0.12μ	0.54μ	0
	0	0														
1105	0	52	1.0500	9.0600	0.0000	Y SLV	-55.0n	-87.0n	-0.38μ	0	0	0	55.0n	87.0n	0.38μ	0
	0	0														
1156	0	53	2.5400	9.0600	0.0000	Y SLV	-2.21n	-68.9n	-0.31μ	0	0	0	2.21n	68.9n	0.31μ	0
	0	0														
1203	0	54	4.0500	9.0600	0.0000	Y SLV	-51.4n	-84.7n	-0.37μ	0	0	0	51.4n	84.7n	0.37μ	0
	0	0														
1238	0	55	5.2000	9.0600	0.0000	Y SLV	-0.10μ	-0.12μ	-0.54μ	0	0	0	0.10μ	0.12μ	0.54μ	0
	0	0														
1281	0	56	0.0000	10.5600	0.0000	Y SLV	-0.16μ	-0.14μ	-1.08μ	0	0	0	0.16μ	0.14μ	1.08μ	0
	0	0														
1277	0	57	1.0500	10.5600	0.0000	Y SLV	-93.9n	-0.11μ	-0.79μ	0	0	0	93.9n	0.11μ	0.79μ	0
	0	0														
1328	0	58	2.5400	10.5600	0.0000	Y SLV	-3.78n	-95.5n	-0.63μ	0	0	0	3.78n	95.5n	0.63μ	0
	0	0														
1375	0	59	4.0500	10.5600	0.0000	Y SLV	-88.2n	-0.11μ	-0.77μ	0	0	0	88.2n	0.11μ	0.77μ	0
	0	0														
1410	0	60	5.2000	10.5600	0.0000	Y SLV	-0.16μ	-0.14μ	-1.08μ	0	0	0	0.16μ	0.14μ	1.08μ	0
	0	0														
1429	0	61	0.0000	10.8200	0.0000	Y SLV	-0.16μ	-0.14μ	-1.18μ	0	0	0	0.16μ	0.14μ	1.18μ	0
	0	0														
1425	0	62	1.0500	10.8200	0.0000	Y SLV	-98.7n	-0.12μ	-0.87μ	0	0	0	98.7n	0.12μ	0.87μ	0
	0	0														
1444	0	63	2.5400	10.8200	0.0000	Y SLV	-3.98n	-0.10μ	-0.70μ	0	0	0	3.98n	0.10μ	0.70μ	0
	0	0														
1463	0	64	4.0500	10.8200	0.0000	Y SLV	-92.8n	-0.12μ	-0.85μ	0	0	0	92.8n	0.12μ	0.85μ	0
	0	0														
1478	0	65	5.2000	10.8200	0.0000	Y SLV	-0.16μ	-0.14μ	-1.18μ	0	0	0	0.16μ	0.14μ	1.18μ	0
	0	0														
1497	0	66	0.0000	11.0800	0.0000	Y SLV	-0.16μ	-0.14μ	-1.28μ	0	0	0	0.16μ	0.14μ	1.28μ	0
	0	0														
1493	0	67	1.0500	11.0800	0.0000	Y SLV	-0.10μ	-0.12μ	-0.96μ	0	0	0	0.10μ	0.12μ	0.96μ	0
	0	0														
1512	0	68	2.5400	11.0800	0.0000	Y SLV	-4.15n	-0.11μ	-0.77μ	0	0	0	4.15n	0.11μ	0.77μ	0
	0	0														
1531	0	69	4.0500	11.0800	0.0000	Y SLV	-96.7n	-0.12μ	-0.93μ	0	0	0	96.7n	0.12μ	0.93μ	0
	0	0														
1546	0	70	5.2000	11.0800	0.0000	Y SLV	-0.16μ	-0.14μ	-1.28μ	0	0	0	0.16μ	0.14μ	1.28μ	0
	0	0														
1589	0	71	0.0000	12.5800	0.0000	Y SLV	-0.16μ	-0.17μ	-1.93μ	0	0	0	0.16μ	0.17μ	1.93μ	0
	0	0														
1585	0	72	1.0500	12.5800	0.0000	Y SLV	-0.11μ	-0.18μ	-1.58μ	0	0	0	0.11μ	0.18μ	1.58μ	0
	0	0														
1636	0	73	2.5400	12.5800	0.0000	Y SLV	-4.49n	-0.19μ	-1.37μ	0	0	0	4.49n	0.19μ	1.37μ	0
	0	0														
1683	0	74	4.0500	12.5800	0.0000	Y SLV	-0.10μ	-0.18μ	-1.55μ	0	0	0	0.10μ	0.18μ	1.55μ	0
	0	0														
1718	0	75	5.2000	12.5800	0.0000	Y SLV	-0.16μ	-0.17μ	-1.93μ	0	0	0	0.16μ	0.17μ	1.93μ	0
	0	0														
1761	0	76	0.0000	14.0800	0.0000	Y SLV	-90.9n	-0.20μ	-2.68μ	0	0	0	90.9n	0.20μ	2.68μ	0
	0	0														
1757	0	77	1.0500	14.0800	0.0000	Y SLV	-72.2n	-0.26μ	-2.47μ	0	0	0	72.2n	0.26μ	2.47μ	0
	0	0														

1808	0	78	2.5400	14.0800	0.0000	Y SLV	-3.52n	-0.29μ	-2.34μ	0	0	0	3.52n	0.29μ	2.34μ	0
	0	0														
1855	0	79	4.0500	14.0800	0.0000	Y SLV	-68.7n	-0.26μ	-2.46μ	0	0	0	68.7n	0.26μ	2.46μ	0
	0	0														
1890	0	80	5.2000	14.0800	0.0000	Y SLV	-90.7n	-0.20μ	-2.69μ	0	0	0	90.7n	0.20μ	2.69μ	0
	0	0														
1921	0	81	0.0000	14.9200	0.0000	Y SLV	-48.2n	-0.21μ	-3.16μ	0	0	0	48.2n	0.21μ	3.16μ	0
	0	0														
1917	0	82	1.0500	14.9200	0.0000	Y SLV	-41.1n	-0.30μ	-3.09μ	0	0	0	41.1n	0.30μ	3.09μ	0
	0	0														
1952	0	83	2.5400	14.9200	0.0000	Y SLV	-3.84n	-0.38μ	-3.05μ	0	0	0	3.84n	0.38μ	3.05μ	0
	0	0														
1985	0	84	4.0500	14.9200	0.0000	Y SLV	-39.4n	-0.31μ	-3.09μ	0	0	0	39.4n	0.31μ	3.09μ	0
	0	0														
2010	0	85	5.2000	14.9200	0.0000	Y SLV	-47.8n	-0.21μ	-3.16μ	0	0	0	47.8n	0.21μ	3.16μ	0
	0	0														
400	1	1	0.0000	0.0000	1.6000	Y SLV	-0.20μ	-1.10μ	-3.16μ	0	0	0	0.20μ	1.10μ	3.16μ	0
	0	0														
326	1	2	1.0500	0.0000	1.6000	Y SLV	-0.15μ	-2.81μ	-3.12μ	0	0	0	0.15μ	2.81μ	3.12μ	0
	0	0														
332	1	3	2.5400	0.0000	1.6000	Y SLV	-16.7n	-4.59μ	-3.09μ	0	0	0	16.7n	4.59μ	3.09μ	0
	0	0														
483	1	4	4.0500	0.0000	1.6000	Y SLV	-0.15μ	-3.00μ	-3.12μ	0	0	0	0.15μ	3.00μ	3.12μ	0
	0	0														
49	1	5	5.2000	0.0000	1.6000	Y SLV	-0.20μ	-1.10μ	-3.16μ	0	0	0	0.20μ	1.10μ	3.16μ	0
	0	0														
259	1	6	0.0000	0.5200	1.6000	Y SLV	-0.64μ	-1.07μ	-2.89μ	0	0	0	0.64μ	1.07μ	2.89μ	0
	0	0														
40	1	10	5.2000	0.5200	1.6000	Y SLV	-0.65μ	-1.07μ	-2.89μ	0	0	0	0.65μ	1.07μ	2.89μ	0
	0	0														
2370	1	11	0.0000	2.0200	1.6000	Y SLV	-1.40μ	-0.97μ	-2.11μ	0	0	0	1.40μ	0.97μ	2.11μ	0
	0	0														
106	1	15	5.2000	2.0200	1.6000	Y SLV	-1.39μ	-0.97μ	-2.11μ	0	0	0	1.39μ	0.97μ	2.11μ	0
	0	0														
2288	1	16	0.0000	3.5200	1.6000	Y SLV	-1.91μ	-0.86μ	-1.44μ	0	0	0	1.91μ	0.86μ	1.44μ	0
	0	0														
118	1	20	5.2000	3.5200	1.6000	Y SLV	-1.91μ	-0.86μ	-1.44μ	0	0	0	1.91μ	0.86μ	1.44μ	0
	0	0														
2275	1	21	0.0000	3.7800	1.6000	Y SLV	-1.94μ	-0.84μ	-1.33μ	0	0	0	1.94μ	0.84μ	1.33μ	0
	0	0														
136	1	25	5.2000	3.7800	1.6000	Y SLV	-1.94μ	-0.84μ	-1.33μ	0	0	0	1.94μ	0.84μ	1.33μ	0
	0	0														
2319	1	26	0.0000	4.0400	1.6000	Y SLV	-1.97μ	-0.83μ	-1.23μ	0	0	0	1.97μ	0.83μ	1.23μ	0
	0	0														
127	1	30	5.2000	4.0400	1.6000	Y SLV	-1.97μ	-0.82μ	-1.23μ	0	0	0	1.97μ	0.82μ	1.23μ	0
	0	0														
2396	1	31	0.0000	5.5400	1.6000	Y SLV	-1.66μ	-0.75μ	-0.67μ	0	0	0	1.66μ	0.75μ	0.67μ	0
	0	0														
726	1	35	5.2000	5.5400	1.6000	Y SLV	-1.66μ	-0.75μ	-0.67μ	0	0	0	1.66μ	0.75μ	0.67μ	0
	0	0														
858	1	36	0.0000	7.0400	1.6000	Y SLV	-0.47μ	-0.72μ	-0.14μ	0	0	0	0.47μ	0.72μ	0.14μ	0
	0	0														
744	1	40	5.2000	7.0400	1.6000	Y SLV	-0.47μ	-0.72μ	-0.14μ	0	0	0	0.47μ	0.72μ	0.14μ	0
	0	0														
845	1	41	0.0000	7.3000	1.6000	Y SLV	-0.18μ	-0.72μ	-55.0n	0	0	0	0.18μ	0.72μ	55.0n	0
	0	0														
762	1	45	5.2000	7.3000	1.6000	Y SLV	-0.18μ	-0.72μ	-55.0n	0	0	0	0.18μ	0.72μ	55.0n	0
	0	0														
889	1	46	0.0000	7.5600	1.6000	Y SLV	-0.12μ	-0.72μ	-34.9n	0	0	0	0.12μ	0.72μ	34.9n	0
	0	0														
753	1	50	5.2000	7.5600	1.6000	Y SLV	-0.13μ	-0.72μ	-35.1n	0	0	0	0.13μ	0.72μ	35.1n	0
	0	0														
2029	1	51	0.0000	9.0600	1.6000	Y SLV	-1.47μ	-0.74μ	-0.55μ	0	0	0	1.47μ	0.74μ	0.55μ	0
	0	0														
1073	1	55	5.2000	9.0600	1.6000	Y SLV	-1.47μ	-0.74μ	-0.55μ	0	0	0	1.47μ	0.74μ	0.55μ	0
	0	0														
1205	1	56	0.0000	10.5600	1.6000	Y SLV	-1.98μ	-0.81μ	-1.10μ	0	0	0	1.98μ	0.81μ	1.10μ	0
	0	0														
1091	1	60	5.2000	10.5600	1.6000	Y SLV	-1.99μ	-0.80μ	-1.10μ	0	0	0	1.99μ	0.80μ	1.10μ	0
	0	0														
1192	1	61	0.0000	10.8200	1.6000	Y SLV	-1.98μ	-0.82μ	-1.20μ	0	0	0	1.98μ	0.82μ	1.20μ	0
	0	0														
1109	1	65	5.2000	10.8200	1.6000	Y SLV	-1.98μ	-0.82μ	-1.20μ	0	0	0	1.98μ	0.82μ	1.20μ	0
	0	0														
1236	1	66	0.0000	11.0800	1.6000	Y SLV	-1.94μ	-0.84μ	-1.31μ	0	0	0	1.94μ	0.84μ	1.31μ	0
	0	0														
1100	1	70	5.2000	11.0800	1.6000	Y SLV	-1.94μ	-0.84μ	-1.31μ	0	0	0	1.94μ	0.84μ	1.31μ	0
	0	0														
1848	1	71	0.0000	12.5800	1.6000	Y SLV	-1.49μ	-0.94μ	-1.96μ	0	0	0	1.49μ	0.94μ	1.96μ	0
	0	0														
1667	1	75	5.2000	12.5800	1.6000	Y SLV	-1.49μ	-0.94μ	-1.96μ	0	0	0	1.49μ	0.94μ	1.96μ	0
	0	0														
1505	1	76	0.0000	14.0800	1.6000	Y SLV	-0.84μ	-1.05μ	-2.72μ	0	0	0	0.84μ	1.05μ	2.72μ	0
	0	0														
1685	1	80	5.2000	14.0800	1.6000	Y SLV	-0.84μ	-1.05μ	-2.72μ	0	0	0	0.84μ	1.05μ	2.72μ	0
	0	0														
1542	1	81	0.0000	14.9200	1.6000	Y SLV	-0.22μ	-1.10μ	-3.16μ	0	0	0	0.22μ	1.10μ	3.16μ	0
	0	0														
1423	1	82	1.0500	14.9200	1.6000	Y SLV	-0.17μ	-2.82μ	-3.12μ	0	0	0	0.17μ	2.82μ	3.12μ	0
	0	0														
1805	1	83	2.5400	14.9200	1.6000	Y SLV	-15.2n	-4.60μ	-3.09μ	0	0	0	15.2n	4.60μ	3.09μ	0
	0	0														
1590	1	84	4.0500	14.9200	1.6000	Y SLV	-0.16μ	-3.01μ	-3.12μ	0	0	0	0.16μ	3.01μ	3.12μ	0
	0	0														
1734	1	85	5.2000	14.9200	1.6000	Y SLV	-0.22μ	-1.10μ	-3.16μ	0	0	0	0.22μ	1.10μ	3.16μ	0
	0	0														

Suffissi: $f=10^{-15}$; $p=10^{-12}$; $n=10^{-9}$; $\mu=10^{-6}$; $m=10^{-3}$; $k=10^3$; $M=10^6$; $G=10^9$; $T=10^{12}$; $P=10^{15}$ (Sistema Internazionale di misura)

— Verifiche

Legenda tabella verifiche Stati Limite Ultimi e di esercizio shell

- **Zona:** Nel riportare i risultati delle verifiche effettuate si è diviso la piastra in zone. Per ogni zona e per ogni tipo di verifica sono riportati i coefficienti di verifica normalizzati ad 1. Per ogni zona, tranne che per la centrale, è indicato il filo ed il nodo più vicino.
- **Stati Limite Ultimi:** Verifiche agli Stati Limite Ultimi
- **Fe:** Coefficiente di verifica dell'armatura calcolato come indicato nel §5.6.1 della presente relazione.
- **Cls:** Coefficiente di verifica a pressoflessione del calcestruzzo per le 4 direzioni principali di compressione.
- **Punt.Cls.:** Coefficiente di verifica dei puntoni di calcestruzzo calcolato come indicato nelle formule (F.4) e (LL.137-142) EC2-2-2006
- **Arm.punz.:** Coefficiente di verifica a punzonamento per piastre dotate di specifica armatura a taglio.
- **V/Vr_{dc}:** Coefficiente di verifica a punzonamento per piastre non dotate di specifica armatura a taglio.
- **V/Vr_{dMax}:** Coefficiente di verifica ottenuto applicando la (6.53 EC2-2005).
- **Tot.Punz.:** Coefficiente di verifica totale taglio-punzonamento.
- **Verif SLU.** Coefficiente totale di verifica Stati Limite Ultimi.
- **Stati Limite di Esercizio:** Verifiche agli Stati Limite di Esercizio.
- **Fessurazione:** Coefficiente di verifica stato limite di fessurazione.
- **Tens.Fe:** Coefficiente di verifica stato limite tensione di esercizio dell'armatura.
- **Tens.Cls:** Coefficiente di verifica stato limite tensione di esercizio del calcestruzzo.
- **Verif SLE.** Coefficiente totale di verifica Stati Limite di Esercizio.

— Piano 1 .Verifiche SL shell pareti

N°	Zona		Stati Limite Ultimi								Stati Limite di Esercizio		
	Filo	Piano	Fe	Cls	Punt	V/Vr _{dc}	Arm	V/Vr _{dMax}	Tot	Verif.	Fess.	Tens.	Tens.
	Verif.												
	SLE				Cls.		Punz.		punz.	SLU		Fe	Cls
1	1	1	0.190	0.057	-	0.180	-	0.027	0.180	Si	0.000	0.190	0.113
	Si												
1	2	1	0.078	0.056	-	0.071	-	0.010	0.071	Si	0.000	0.065	0.047
	Si												
1	2	0	0.065	0.040	-	0.082	-	0.012	0.082	Si	0.000	0.054	0.034
	Si												
1	1	0	0.108	0.053	-	0.190	-	0.029	0.190	Si	0.000	0.108	0.063
	Si												
1	-	-	0.152	0.052	-	0.154	-	0.023	0.154	Si	0.000	0.152	0.090
	Si												
2	2	1	0.095	0.084	-	0.050	-	0.007	0.050	Si	0.000	0.080	0.070
	Si												
2	3	1	0.113	0.112	-	0.023	-	0.003	0.023	Si	0.000	0.094	0.094
	Si												
2	3	0	0.087	0.039	-	0.150	-	0.023	0.150	Si	0.000	0.086	0.055
	Si												
2	2	0	0.066	0.038	-	0.119	-	0.018	0.119	Si	0.000	0.066	0.034
	Si												
2	-	-	0.106	0.101	-	0.142	-	0.022	0.142	Si	0.000	0.088	0.084
	Si												
3	3	1	0.113	0.113	-	0.023	-	0.003	0.023	Si	0.000	0.094	0.094
	Si												
3	4	1	0.098	0.089	-	0.043	-	0.006	0.043	Si	0.000	0.082	0.074
	Si												
3	4	0	0.071	0.036	-	0.125	-	0.019	0.125	Si	0.000	0.071	0.037
	Si												
3	3	0	0.087	0.039	-	0.150	-	0.023	0.150	Si	0.000	0.086	0.055
	Si												
3	-	-	0.107	0.104	-	0.146	-	0.022	0.146	Si	0.000	0.090	0.087
	Si												
4	4	1	0.083	0.063	-	0.064	-	0.009	0.064	Si	0.000	0.069	0.053
	Si												
4	5	1	0.190	0.057	-	0.178	-	0.027	0.178	Si	0.000	0.190	0.113
	Si												
4	5	0	0.109	0.052	-	0.180	-	0.027	0.180	Si	0.000	0.109	0.063
	Si												
4	4	0	0.063	0.038	-	0.093	-	0.014	0.093	Si	0.000	0.053	0.032
	Si												
4	-	-	0.152	0.052	-	0.153	-	0.023	0.153	Si	0.000	0.151	0.090
	Si												
5	82	1	0.078	0.056	-	0.071	-	0.010	0.071	Si	0.000	0.065	0.047
	Si												
5	81	1	0.189	0.057	-	0.180	-	0.027	0.180	Si	0.000	0.189	0.112
	Si												

5	81 Si	0	0.109	0.053 -	0.185 -	0.028	0.185	Si	0.000	0.109	0.063
5	82 Si	0	0.065	0.040 -	0.081 -	0.012	0.081	Si	0.000	0.054	0.034
5	- Si	-	0.152	0.052 -	0.154 -	0.023	0.154	Si	0.000	0.152	0.090
6	83 Si	1	0.113	0.113 -	0.023 -	0.003	0.023	Si	0.000	0.094	0.094
6	82 Si	1	0.095	0.084 -	0.050 -	0.007	0.050	Si	0.000	0.080	0.070
6	82 Si	0	0.066	0.038 -	0.119 -	0.018	0.119	Si	0.000	0.066	0.034
6	83 Si	0	0.087	0.039 -	0.150 -	0.023	0.150	Si	0.000	0.086	0.055
6	- Si	-	0.106	0.101 -	0.142 -	0.022	0.142	Si	0.000	0.088	0.084
7	84 Si	1	0.099	0.089 -	0.043 -	0.006	0.043	Si	0.000	0.082	0.074
7	83 Si	1	0.113	0.113 -	0.023 -	0.003	0.023	Si	0.000	0.094	0.094
7	83 Si	0	0.087	0.039 -	0.150 -	0.023	0.150	Si	0.000	0.086	0.055
7	84 Si	0	0.071	0.036 -	0.125 -	0.019	0.125	Si	0.000	0.070	0.037
7	- Si	-	0.107	0.104 -	0.146 -	0.022	0.146	Si	0.000	0.090	0.087
8	85 Si	1	0.190	0.057 -	0.177 -	0.026	0.177	Si	0.000	0.189	0.112
8	84 Si	1	0.083	0.063 -	0.064 -	0.009	0.064	Si	0.000	0.069	0.053
8	84 Si	0	0.063	0.038 -	0.093 -	0.014	0.093	Si	0.000	0.053	0.032
8	85 Si	0	0.109	0.052 -	0.178 -	0.027	0.178	Si	0.000	0.109	0.063
8	- Si	-	0.152	0.052 -	0.153 -	0.023	0.153	Si	0.000	0.152	0.090
9	81 Si	1	0.192	0.057 -	0.187 -	0.028	0.187	Si	0.000	0.192	0.113
9	76 Si	1	0.076	0.041 -	0.083 -	0.012	0.083	Si	0.000	0.076	0.036
9	76 Si	0	0.056	0.034 -	0.057 -	0.008	0.057	Si	0.000	0.047	0.028
9	81 Si	0	0.113	0.048 -	0.218 -	0.033	0.218	Si	0.000	0.112	0.064
9	- Si	-	0.157	0.046 -	0.154 -	0.023	0.154	Si	0.000	0.157	0.091
10	6 Si	1	0.119	0.042 -	0.121 -	0.018	0.121	Si	0.000	0.118	0.059
10	1 Si	1	0.195	0.057 -	0.179 -	0.027	0.179	Si	0.000	0.195	0.113
10	1 Si	0	0.114	0.048 -	0.171 -	0.026	0.171	Si	0.000	0.114	0.064
10	6 Si	0	0.057	0.041 -	0.074 -	0.011	0.074	Si	0.000	0.056	0.034
10	- Si	-	0.159	0.046 -	0.152 -	0.023	0.152	Si	0.000	0.158	0.091
11	11 Si	1	0.087	0.072 -	0.015 -	0.002	0.015	Si	0.000	0.073	0.060
11	6 Si	1	0.095	0.043 -	0.104 -	0.015	0.104	Si	0.000	0.094	0.045
11	6 Si	0	0.057	0.040 -	0.070 -	0.011	0.070	Si	0.000	0.048	0.034
11	11 Si	0	0.120	0.034 -	0.148 -	0.023	0.148	Si	0.000	0.119	0.069
11	- Si	-	0.087	0.054 -	0.120 -	0.018	0.120	Si	0.000	0.086	0.046
12	16 Si	1	0.089	0.075 -	0.013 -	0.002	0.013	Si	0.000	0.074	0.063
12	11 Si	1	0.089	0.077 -	0.012 -	0.001	0.012	Si	0.000	0.074	0.065
12	11 Si	0	0.135	0.040 -	0.159 -	0.024	0.159	Si	0.000	0.133	0.080
12	16 Si	0	0.157	0.049 -	0.166 -	0.025	0.166	Si	0.000	0.155	0.097
12	- Si	-	0.147	0.080 -	0.164 -	0.025	0.164	Si	0.000	0.146	0.090
13	21 Si	1	0.088	- -	0.014 -	0.002	0.014	Si	0.000	0.073	-
13	16 Si	1	0.089	- -	0.013 -	0.002	0.013	Si	0.000	0.074	-
13	16 Si	0	0.158	0.049 -	0.167 -	0.025	0.167	Si	0.000	0.156	0.098
13	21 Si	0	0.160	0.050 -	0.167 -	0.026	0.167	Si	0.000	0.158	0.100

13	Si	-	0.158	0.049	-	0.167	-	0.026	0.167	Si	0.000	0.157	0.098
14	Si	1	0.086	0.000	-	0.015	-	0.002	0.015	Si	0.000	0.072	-
14	26	1	0.087	-	-	0.014	-	0.002	0.014	Si	0.000	0.073	-
14	21	0	0.160	0.050	-	0.167	-	0.026	0.167	Si	0.000	0.159	0.100
14	26	0	0.162	0.051	-	0.168	-	0.026	0.168	Si	0.000	0.161	0.101
14	Si	-	0.161	0.050	-	0.167	-	0.026	0.167	Si	0.000	0.160	0.101
15	Si	1	0.079	0.001	-	0.017	-	0.002	0.017	Si	0.000	0.066	0.001
15	31	1	0.086	0.000	-	0.015	-	0.002	0.015	Si	0.000	0.072	-
15	26	0	0.165	0.052	-	0.168	-	0.026	0.168	Si	0.000	0.164	0.104
15	Si	0	0.169	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.168	0.107
15	31	-	0.167	0.053	-	0.168	-	0.026	0.168	Si	0.000	0.166	0.106
16	Si	1	0.071	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.060	0.001
16	36	1	0.077	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.064	0.001
16	Si	0	0.170	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.108
16	31	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
16	36	-	0.171	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
17	Si	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
17	41	1	0.071	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
17	36	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
17	Si	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
17	41	-	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
18	Si	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
18	46	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
18	Si	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
18	41	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
18	46	-	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
19	Si	1	0.075	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.063	0.001
19	51	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
19	46	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
19	Si	0	0.171	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
19	51	-	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
20	Si	1	0.084	0.000	-	0.016	-	0.002	0.016	Si	0.000	0.070	-
20	56	1	0.077	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.064	0.001
20	Si	0	0.170	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.168	0.108
20	51	0	0.167	0.053	-	0.168	-	0.026	0.168	Si	0.000	0.165	0.105
20	56	-	0.168	0.053	-	0.168	-	0.026	0.168	Si	0.000	0.167	0.107
21	Si	1	0.086	-	-	0.015	-	0.002	0.015	Si	0.000	0.072	-
21	61	1	0.085	-	-	0.015	-	0.002	0.015	Si	0.000	0.071	-
21	56	0	0.164	0.052	-	0.168	-	0.026	0.168	Si	0.000	0.163	0.103
21	Si	0	0.163	0.051	-	0.168	-	0.026	0.168	Si	0.000	0.162	0.102
21	61	-	0.164	0.051	-	0.168	-	0.026	0.168	Si	0.000	0.162	0.103
21	Si	-											

22	66 Si	1	0.087	- -	0.014	-	0.002	0.014	Si	0.000	0.073	-
22	61 Si	1	0.086	- -	0.015	-	0.002	0.015	Si	0.000	0.072	-
22	61 Si	0	0.162	0.051 -	0.168	-	0.026	0.168	Si	0.000	0.161	0.102
22	66 Si	0	0.161	0.050 -	0.167	-	0.026	0.167	Si	0.000	0.159	0.100
22	- Si	-	0.161	0.050 -	0.167	-	0.026	0.167	Si	0.000	0.160	0.101
23	71 Si	1	0.090	0.080 -	0.012	-	0.001	0.012	Si	0.000	0.075	0.067
23	66 Si	1	0.088	- -	0.014	-	0.002	0.014	Si	0.000	0.074	-
23	66 Si	0	0.160	0.050 -	0.167	-	0.026	0.167	Si	0.000	0.159	0.100
23	71 Si	0	0.143	0.043 -	0.163	-	0.025	0.163	Si	0.000	0.142	0.087
23	- Si	-	0.153	0.080 -	0.166	-	0.025	0.166	Si	0.000	0.152	0.094
24	76 Si	1	0.071	0.049 -	0.061	-	0.009	0.061	Si	0.000	0.060	0.041
24	71 Si	1	0.090	0.077 -	0.012	-	0.001	0.012	Si	0.000	0.075	0.064
24	71 Si	0	0.132	0.039 -	0.156	-	0.024	0.156	Si	0.000	0.131	0.078
24	76 Si	0	0.073	0.031 -	0.106	-	0.016	0.106	Si	0.000	0.072	0.037
24	- Si	-	0.106	0.064 -	0.139	-	0.021	0.139	Si	0.000	0.105	0.060
25	5 Si	1	0.195	0.057 -	0.179	-	0.027	0.179	Si	0.000	0.195	0.113
25	10 Si	1	0.119	0.042 -	0.121	-	0.018	0.121	Si	0.000	0.118	0.059
25	10 Si	0	0.057	0.040 -	0.075	-	0.011	0.075	Si	0.000	0.056	0.034
25	5 Si	0	0.114	0.048 -	0.172	-	0.026	0.172	Si	0.000	0.114	0.063
25	- Si	-	0.159	0.046 -	0.152	-	0.023	0.152	Si	0.000	0.158	0.090
26	10 Si	1	0.094	0.043 -	0.104	-	0.015	0.104	Si	0.000	0.094	0.045
26	15 Si	1	0.087	0.072 -	0.015	-	0.002	0.015	Si	0.000	0.073	0.060
26	15 Si	0	0.120	0.034 -	0.148	-	0.023	0.148	Si	0.000	0.119	0.069
26	10 Si	0	0.057	0.040 -	0.071	-	0.011	0.071	Si	0.000	0.048	0.033
26	- Si	-	0.087	0.054 -	0.120	-	0.018	0.120	Si	0.000	0.086	0.046
27	15 Si	1	0.089	0.077 -	0.012	-	0.001	0.012	Si	0.000	0.074	0.065
27	20 Si	1	0.089	0.075 -	0.013	-	0.002	0.013	Si	0.000	0.074	0.063
27	20 Si	0	0.157	0.049 -	0.166	-	0.025	0.166	Si	0.000	0.155	0.097
27	15 Si	0	0.135	0.040 -	0.159	-	0.024	0.159	Si	0.000	0.133	0.080
27	- Si	-	0.147	0.080 -	0.164	-	0.025	0.164	Si	0.000	0.146	0.090
28	20 Si	1	0.089	- -	0.013	-	0.002	0.013	Si	0.000	0.074	-
28	25 Si	1	0.088	- -	0.014	-	0.002	0.014	Si	0.000	0.073	-
28	25 Si	0	0.160	0.050 -	0.167	-	0.026	0.167	Si	0.000	0.158	0.100
28	20 Si	0	0.158	0.049 -	0.167	-	0.025	0.167	Si	0.000	0.156	0.098
28	- Si	-	0.158	0.049 -	0.167	-	0.026	0.167	Si	0.000	0.157	0.098
29	25 Si	1	0.087	- -	0.014	-	0.002	0.014	Si	0.000	0.073	-
29	30 Si	1	0.086	- -	0.015	-	0.002	0.015	Si	0.000	0.072	-
29	30 Si	0	0.162	0.051 -	0.167	-	0.026	0.167	Si	0.000	0.161	0.101
29	25 Si	0	0.160	0.050 -	0.167	-	0.026	0.167	Si	0.000	0.159	0.100
29	- Si	-	0.161	0.050 -	0.167	-	0.026	0.167	Si	0.000	0.160	0.101
30	30 Si	1	0.086	- -	0.015	-	0.002	0.015	Si	0.000	0.072	-
30	35	1	0.079	0.001 -	0.017	-	0.002	0.017	Si	0.000	0.066	0.001

30	Si 35	0	0.169	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.168	0.107
30	Si 30	0	0.165	0.052	-	0.168	-	0.026	0.168	Si	0.000	0.164	0.104
30	Si -	-	0.167	0.053	-	0.168	-	0.026	0.168	Si	0.000	0.166	0.106
31	Si 35	1	0.077	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.064	0.001
31	Si 40	1	0.071	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.060	0.001
31	Si 40	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
31	Si 35	0	0.170	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.108
31	Si -	-	0.171	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
32	Si 40	1	0.071	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
32	Si 45	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
32	Si 45	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
32	Si 40	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
32	Si -	-	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
33	Si 45	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
33	Si 50	1	0.070	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
33	Si 50	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
33	Si 45	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
33	Si -	-	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
34	Si 50	1	0.071	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.059	0.001
34	Si 55	1	0.075	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.063	0.001
34	Si 55	0	0.171	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
34	Si 50	0	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
34	Si -	-	0.171	0.055	-	0.168	-	0.026	0.168	Si	0.000	0.169	0.109
35	Si 55	1	0.077	0.001	-	0.018	-	0.002	0.018	Si	0.000	0.064	0.001
35	Si 60	1	0.084	0.000	-	0.016	-	0.002	0.016	Si	0.000	0.070	-
35	Si 60	0	0.167	0.053	-	0.168	-	0.026	0.168	Si	0.000	0.165	0.105
35	Si 55	0	0.170	0.054	-	0.168	-	0.026	0.168	Si	0.000	0.168	0.108
35	Si -	-	0.168	0.053	-	0.168	-	0.026	0.168	Si	0.000	0.167	0.107
36	Si 60	1	0.085	-	-	0.015	-	0.002	0.015	Si	0.000	0.071	-
36	Si 65	1	0.086	-	-	0.015	-	0.002	0.015	Si	0.000	0.072	-
36	Si 65	0	0.163	0.051	-	0.168	-	0.026	0.168	Si	0.000	0.162	0.102
36	Si 60	0	0.164	0.052	-	0.168	-	0.026	0.168	Si	0.000	0.163	0.103
36	Si -	-	0.164	0.051	-	0.168	-	0.026	0.168	Si	0.000	0.162	0.103
37	Si 65	1	0.086	-	-	0.015	-	0.002	0.015	Si	0.000	0.072	-
37	Si 70	1	0.087	-	-	0.014	-	0.002	0.014	Si	0.000	0.073	-
37	Si 70	0	0.161	0.050	-	0.167	-	0.026	0.167	Si	0.000	0.159	0.100
37	Si 65	0	0.162	0.051	-	0.168	-	0.026	0.168	Si	0.000	0.161	0.102
37	Si -	-	0.161	0.050	-	0.167	-	0.026	0.167	Si	0.000	0.160	0.101
38	Si 70	1	0.088	-	-	0.014	-	0.002	0.014	Si	0.000	0.074	-
38	Si 75	1	0.090	0.080	-	0.012	-	0.001	0.012	Si	0.000	0.075	0.067
38	Si 75	0	0.143	0.043	-	0.163	-	0.025	0.163	Si	0.000	0.142	0.087

38	70	0	0.160	0.050	-	0.167	-	0.026	0.167	Si	0.000	0.159	0.100
38	-	-	0.153	0.080	-	0.166	-	0.025	0.166	Si	0.000	0.152	0.094
39	75	1	0.090	0.077	-	0.012	-	0.001	0.012	Si	0.000	0.075	0.064
39	80	1	0.071	0.049	-	0.061	-	0.009	0.061	Si	0.000	0.060	0.041
39	80	0	0.073	0.031	-	0.106	-	0.016	0.106	Si	0.000	0.072	0.037
39	75	0	0.132	0.039	-	0.156	-	0.024	0.156	Si	0.000	0.131	0.078
39	-	-	0.106	0.064	-	0.139	-	0.021	0.139	Si	0.000	0.105	0.060
40	80	1	0.076	0.041	-	0.083	-	0.012	0.083	Si	0.000	0.075	0.036
40	85	1	0.192	0.057	-	0.187	-	0.028	0.187	Si	0.000	0.192	0.113
40	85	0	0.112	0.048	-	0.222	-	0.034	0.222	Si	0.000	0.112	0.064
40	80	0	0.056	0.034	-	0.057	-	0.008	0.057	Si	0.000	0.047	0.028
40	-	-	0.157	0.046	-	0.154	-	0.023	0.154	Si	0.000	0.157	0.091

— Piano 0 .Verifiche SL shell piastre

Zona		Stati Limite Ultimi								Stati Limite di Esercizio			
N°	Filo Verif.	Piano	Fe	Cls	Punt	V/Vrdc	Arm	V/VrdMax	Tot	Verif.	Fess.	Tens.	Tens.
					Cls.		Punz.		punz.	SLU		Fe	Cls
	SLE												
1	1	0	0.089	0.024	-	0.000	-	0.060	0.060	Si	0.000	0.073	0.029
1	2	0	0.113	0.032	-	0.000	-	0.012	0.012	Si	0.000	0.093	0.038
1	7	0	0.097	0.028	-	0.016	-	0.006	0.016	Si	0.000	0.080	0.033
1	6	0	0.116	0.030	-	0.009	-	0.014	0.014	Si	0.000	0.096	0.035
1	-	-	0.101	0.029	-	0.025	-	0.027	0.027	Si	0.000	0.084	0.034
2	2	0	0.096	0.028	-	0.001	-	0.012	0.012	Si	0.000	0.079	0.033
2	3	0	0.072	0.019	-	0.000	-	0.002	0.002	Si	0.000	0.059	0.023
2	8	0	0.081	0.023	-	0.004	-	0.001	0.004	Si	0.000	0.067	0.027
2	7	0	0.096	0.028	-	0.011	-	0.004	0.011	Si	0.000	0.080	0.033
2	-	-	0.099	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.082	0.034
3	3	0	0.067	0.019	-	0.000	-	0.002	0.002	Si	0.000	0.055	0.022
3	4	0	0.096	0.028	-	0.000	-	0.012	0.012	Si	0.000	0.079	0.032
3	9	0	0.095	0.028	-	0.010	-	0.003	0.010	Si	0.000	0.079	0.033
3	8	0	0.078	0.022	-	0.004	-	0.001	0.004	Si	0.000	0.064	0.026
3	-	-	0.098	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.081	0.034
4	4	0	0.110	0.032	-	0.000	-	0.012	0.012	Si	0.000	0.091	0.037
4	5	0	0.093	0.025	-	0.000	-	0.058	0.058	Si	0.000	0.077	0.030
4	10	0	0.115	0.030	-	0.010	-	0.013	0.013	Si	0.000	0.095	0.035
4	9	0	0.097	0.028	-	0.016	-	0.006	0.016	Si	0.000	0.080	0.033
4	-	-	0.101	0.029	-	0.023	-	0.029	0.029	Si	0.000	0.083	0.034
5	6	0	0.102	0.030	-	0.006	-	0.013	0.013	Si	0.000	0.084	0.035
5	7	0	0.103	0.029	-	0.019	-	0.006	0.019	Si	0.000	0.085	0.035
5	12	0	0.119	0.032	-	0.014	-	0.002	0.014	Si	0.000	0.098	0.037
5	11	0	0.115	0.031	-	0.003	-	0.005	0.005	Si	0.000	0.095	0.036
5	-	-	0.118	0.031	-	0.021	-	0.008	0.021	Si	0.000	0.098	0.037

6	7 Si	0	0.103	0.029	-	0.015	-	0.004	0.015	Si	0.000	0.085	0.034
6	8 Si	0	0.082	0.024	-	0.003	-	0.001	0.003	Si	0.000	0.068	0.028
6	13 Si	0	0.109	0.031	-	0.006	-	0.001	0.006	Si	0.000	0.090	0.036
6	12 Si	0	0.119	0.032	-	0.013	-	0.001	0.013	Si	0.000	0.098	0.037
6	- Si	-	0.115	0.031	-	0.016	-	0.002	0.016	Si	0.000	0.095	0.037
7	8 Si	0	0.079	0.023	-	0.003	-	0.001	0.003	Si	0.000	0.065	0.027
7	9 Si	0	0.102	0.029	-	0.013	-	0.004	0.013	Si	0.000	0.085	0.034
7	14 Si	0	0.118	0.032	-	0.013	-	0.001	0.013	Si	0.000	0.098	0.037
7	13 Si	0	0.108	0.031	-	0.006	-	0.001	0.006	Si	0.000	0.089	0.036
7	- Si	-	0.114	0.031	-	0.015	-	0.002	0.015	Si	0.000	0.094	0.037
8	9 Si	0	0.103	0.029	-	0.017	-	0.005	0.017	Si	0.000	0.085	0.034
8	10 Si	0	0.101	0.030	-	0.009	-	0.012	0.012	Si	0.000	0.084	0.035
8	15 Si	0	0.115	0.031	-	0.003	-	0.005	0.005	Si	0.000	0.095	0.036
8	14 Si	0	0.119	0.032	-	0.014	-	0.002	0.014	Si	0.000	0.098	0.037
8	- Si	-	0.118	0.031	-	0.022	-	0.008	0.022	Si	0.000	0.098	0.037
9	11 Si	0	0.115	0.030	-	0.003	-	0.005	0.005	Si	0.000	0.095	0.035
9	12 Si	0	0.122	0.033	-	0.013	-	0.002	0.013	Si	0.000	0.101	0.038
9	17 Si	0	0.124	0.034	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.040
9	16 Si	0	0.109	0.028	-	0.004	-	0.005	0.005	Si	0.000	0.090	0.033
9	- Si	-	0.123	0.033	-	0.013	-	0.004	0.013	Si	0.000	0.102	0.039
10	12 Si	0	0.122	0.033	-	0.012	-	0.001	0.012	Si	0.000	0.101	0.038
10	13 Si	0	0.112	0.033	-	0.008	-	0.001	0.008	Si	0.000	0.093	0.039
10	18 Si	0	0.125	0.037	-	0.010	-	0.001	0.010	Si	0.000	0.103	0.043
10	17 Si	0	0.126	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.042
10	- Si	-	0.126	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.043
11	13 Si	0	0.111	0.033	-	0.008	-	0.001	0.008	Si	0.000	0.092	0.038
11	14 Si	0	0.122	0.033	-	0.012	-	0.001	0.012	Si	0.000	0.101	0.039
11	19 Si	0	0.126	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.042
11	18 Si	0	0.124	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.103	0.043
11	- Si	-	0.126	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.043
12	14 Si	0	0.122	0.033	-	0.013	-	0.002	0.013	Si	0.000	0.101	0.038
12	15 Si	0	0.115	0.030	-	0.003	-	0.005	0.005	Si	0.000	0.095	0.035
12	20 Si	0	0.110	0.029	-	0.004	-	0.005	0.005	Si	0.000	0.091	0.034
12	19 Si	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
12	- Si	-	0.124	0.034	-	0.013	-	0.004	0.013	Si	0.000	0.102	0.039
13	16 Si	0	0.107	0.028	-	0.004	-	0.005	0.005	Si	0.000	0.088	0.033
13	17 Si	0	0.124	0.034	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.040
13	22 Si	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
13	21 Si	0	0.106	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.087	0.033
13	- Si	-	0.124	0.034	-	0.014	-	0.005	0.014	Si	0.000	0.103	0.040
14	17 Si	0	0.126	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.042
14	18	0	0.125	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.103	0.043

14	Si	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
14	23	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.042
14	Si	-	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
15	-	0	0.124	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.103	0.043
15	18	0	0.126	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.042
15	Si	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.042
15	24	0	0.125	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
15	Si	-	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
16	-	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
16	19	0	0.108	0.029	-	0.004	-	0.005	0.005	Si	0.000	0.089	0.033
16	Si	0	0.107	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.088	0.033
16	25	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
16	Si	-	0.125	0.035	-	0.014	-	0.005	0.014	Si	0.000	0.103	0.041
17	-	0	0.105	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.087	0.033
17	21	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
17	Si	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
17	27	0	0.104	0.028	-	0.005	-	0.007	0.007	Si	0.000	0.086	0.033
17	Si	-	0.124	0.035	-	0.014	-	0.005	0.014	Si	0.000	0.102	0.041
18	-	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.042
18	22	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
18	Si	0	0.127	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.105	0.044
18	28	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
18	Si	-	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
19	-	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
19	23	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.042
19	Si	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
19	29	0	0.127	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.105	0.044
19	Si	-	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
20	-	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
20	24	0	0.106	0.028	-	0.004	-	0.006	0.006	Si	0.000	0.088	0.033
20	Si	0	0.105	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.087	0.033
20	30	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
20	Si	-	0.125	0.035	-	0.014	-	0.005	0.014	Si	0.000	0.103	0.041
21	-	0	0.104	0.028	-	0.005	-	0.007	0.007	Si	0.000	0.086	0.033
21	26	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
21	Si	0	0.122	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.101	0.042
21	32	0	0.099	0.029	-	0.004	-	0.007	0.007	Si	0.000	0.082	0.033
21	Si	-	0.123	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.101	0.042
22	-	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
22	27	0	0.128	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.106	0.045
22	Si	0	0.129	0.039	-	0.006	-	0.001	0.006	Si	0.000	0.107	0.046
22	33												
	Si												

22	32	0	0.126	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
22	Si	-	0.129	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.045
23	28	0	0.127	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.105	0.045
23	Si	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
23	34	0	0.127	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
23	Si	0	0.129	0.039	-	0.006	-	0.001	0.006	Si	0.000	0.107	0.046
23	33	-	0.129	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.045
24	Si	0	0.125	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.042
24	29	0	0.104	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.086	0.033
24	Si	0	0.100	0.029	-	0.004	-	0.006	0.006	Si	0.000	0.083	0.034
24	35	0	0.123	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.042
24	Si	-	0.124	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.102	0.042
25	31	0	0.098	0.028	-	0.004	-	0.007	0.007	Si	0.000	0.081	0.033
25	Si	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.042
25	32	0	0.120	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.099	0.042
25	Si	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
25	36	-	0.121	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.100	0.042
26	Si	0	0.126	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.044
26	32	0	0.130	0.039	-	0.005	-	0.001	0.005	Si	0.000	0.107	0.046
26	Si	0	0.130	0.039	-	0.003	-	0.000	0.003	Si	0.000	0.107	0.046
26	38	0	0.125	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.044
26	Si	-	0.130	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.046
27	33	0	0.130	0.039	-	0.005	-	0.001	0.005	Si	0.000	0.107	0.046
27	Si	0	0.127	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
27	34	0	0.126	0.038	-	0.011	-	0.001	0.011	Si	0.000	0.104	0.044
27	Si	0	0.130	0.039	-	0.002	-	0.000	0.002	Si	0.000	0.107	0.046
27	38	-	0.130	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.046
28	Si	0	0.123	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.043
28	34	0	0.099	0.029	-	0.004	-	0.006	0.006	Si	0.000	0.082	0.034
28	35	0	0.097	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
28	40	0	0.122	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.101	0.043
28	Si	-	0.122	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.101	0.043
29	36	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.079	0.034
29	Si	0	0.120	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.099	0.042
29	37	0	0.120	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.099	0.042
29	42	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.079	0.034
29	Si	-	0.120	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.099	0.042
30	41	0	0.125	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.044
30	Si	0	0.130	0.039	-	0.003	-	0.000	0.003	Si	0.000	0.107	0.046
30	38	0	0.130	0.039	-	0.003	-	0.000	0.003	Si	0.000	0.107	0.046
30	43	0	0.125	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.103	0.044
30	Si	-	0.130	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.046

31	Si	0	0.130	0.039	-	0.002	-	0.000	0.002	Si	0.000	0.107	0.046
31	38	0	0.126	0.038	-	0.011	-	0.001	0.011	Si	0.000	0.104	0.044
31	39	0	0.126	0.038	-	0.011	-	0.001	0.011	Si	0.000	0.104	0.044
31	44	0	0.130	0.039	-	0.002	-	0.000	0.002	Si	0.000	0.107	0.046
31	43	-	0.130	0.039	-	0.011	-	0.001	0.011	Si	0.000	0.107	0.046
32	39	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.043
32	40	0	0.097	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
32	45	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
32	44	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.043
32	-	-	0.121	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.100	0.043
33	41	0	0.095	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.079	0.034
33	42	0	0.120	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.099	0.042
33	47	0	0.120	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.099	0.042
33	46	0	0.095	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.079	0.034
33	-	-	0.119	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.099	0.042
34	42	0	0.125	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.103	0.044
34	43	0	0.130	0.039	-	0.003	-	0.000	0.003	Si	0.000	0.107	0.046
34	48	0	0.130	0.039	-	0.003	-	0.000	0.003	Si	0.000	0.107	0.046
34	47	0	0.125	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.103	0.044
34	-	-	0.130	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.046
35	43	0	0.130	0.039	-	0.002	-	0.000	0.002	Si	0.000	0.107	0.046
35	44	0	0.126	0.038	-	0.011	-	0.001	0.011	Si	0.000	0.104	0.044
35	49	0	0.126	0.038	-	0.011	-	0.001	0.011	Si	0.000	0.104	0.044
35	48	0	0.130	0.039	-	0.002	-	0.000	0.002	Si	0.000	0.107	0.046
35	-	-	0.130	0.039	-	0.011	-	0.001	0.011	Si	0.000	0.107	0.046
36	44	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.043
36	45	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
36	50	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
36	49	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.043
36	-	-	0.121	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.100	0.043
37	46	0	0.096	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.079	0.034
37	47	0	0.120	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.099	0.042
37	52	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.042
37	51	0	0.097	0.029	-	0.004	-	0.006	0.006	Si	0.000	0.080	0.033
37	-	-	0.120	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.099	0.042
38	47	0	0.125	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.103	0.044
38	48	0	0.130	0.039	-	0.003	-	0.000	0.003	Si	0.000	0.107	0.046
38	53	0	0.130	0.039	-	0.005	-	0.001	0.005	Si	0.000	0.107	0.046
38	52	0	0.126	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.044
38	-	-	0.130	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.046
39	48	0	0.130	0.039	-	0.002	-	0.000	0.002	Si	0.000	0.107	0.046

39	49	0	0.126	0.038	-	0.011	-	0.001	0.011	Si	0.000	0.104	0.044
39	Si												
39	54	0	0.127	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
	Si												
39	53	0	0.130	0.039	-	0.004	-	0.001	0.004	Si	0.000	0.107	0.046
	Si												
39	-	-	0.130	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.046
	Si												
40	49	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.043
	Si												
40	50	0	0.097	0.029	-	0.005	-	0.005	0.005	Si	0.000	0.080	0.034
	Si												
40	55	0	0.098	0.029	-	0.004	-	0.006	0.006	Si	0.000	0.081	0.034
	Si												
40	54	0	0.122	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.101	0.043
	Si												
40	-	-	0.122	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.101	0.043
	Si												
41	51	0	0.098	0.029	-	0.004	-	0.006	0.006	Si	0.000	0.081	0.033
	Si												
41	52	0	0.121	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.100	0.042
	Si												
41	57	0	0.123	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.042
	Si												
41	56	0	0.102	0.028	-	0.005	-	0.007	0.007	Si	0.000	0.084	0.033
	Si												
41	-	-	0.122	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.101	0.042
	Si												
42	52	0	0.126	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.104	0.044
	Si												
42	53	0	0.130	0.039	-	0.005	-	0.001	0.005	Si	0.000	0.107	0.046
	Si												
42	58	0	0.128	0.038	-	0.008	-	0.001	0.008	Si	0.000	0.106	0.045
	Si												
42	57	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
	Si												
42	-	-	0.129	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.045
	Si												
43	53	0	0.129	0.039	-	0.005	-	0.001	0.005	Si	0.000	0.107	0.046
	Si												
43	54	0	0.127	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
	Si												
43	59	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
	Si												
43	58	0	0.128	0.038	-	0.008	-	0.001	0.008	Si	0.000	0.106	0.045
	Si												
43	-	-	0.129	0.039	-	0.012	-	0.001	0.012	Si	0.000	0.107	0.045
	Si												
44	54	0	0.123	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.043
	Si												
44	55	0	0.099	0.029	-	0.004	-	0.006	0.006	Si	0.000	0.082	0.034
	Si												
44	60	0	0.103	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.085	0.034
	Si												
44	59	0	0.124	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.042
	Si												
44	-	-	0.124	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.102	0.042
	Si												
45	56	0	0.103	0.028	-	0.005	-	0.007	0.007	Si	0.000	0.085	0.033
	Si												
45	57	0	0.123	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
	Si												
45	62	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
	Si												
45	61	0	0.103	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.085	0.033
	Si												
45	-	-	0.123	0.035	-	0.014	-	0.005	0.014	Si	0.000	0.102	0.041
	Si												
46	57	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
	Si												
46	58	0	0.128	0.038	-	0.008	-	0.001	0.008	Si	0.000	0.106	0.045
	Si												
46	63	0	0.127	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.105	0.044
	Si												
46	62	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
	Si												
46	-	-	0.128	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.106	0.044
	Si												
47	58	0	0.128	0.038	-	0.008	-	0.001	0.008	Si	0.000	0.106	0.045
	Si												
47	59	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
	Si												
47	64	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043

47	Si	0	0.127	0.038	-	0.008	-	0.001	0.008	Si	0.000	0.105	0.044
47	63	-	0.128	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.106	0.044
48	Si	0	0.124	0.036	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.042
48	59	0	0.103	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.086	0.033
48	Si	0	0.104	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.086	0.033
48	60	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.042
48	Si	-	0.124	0.036	-	0.014	-	0.005	0.014	Si	0.000	0.103	0.042
49	61	0	0.104	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.086	0.033
49	Si	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
49	62	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.102	0.041
49	Si	0	0.105	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.087	0.033
49	66	-	0.124	0.035	-	0.014	-	0.005	0.014	Si	0.000	0.102	0.041
50	Si	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
50	62	0	0.127	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.105	0.044
50	Si	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
50	68	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.042
50	Si	-	0.128	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
51	63	0	0.127	0.038	-	0.009	-	0.001	0.009	Si	0.000	0.105	0.044
51	Si	0	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
51	64	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
51	Si	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
51	68	-	0.128	0.038	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.044
52	Si	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
52	64	0	0.105	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.087	0.033
52	65	0	0.106	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.087	0.033
52	Si	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
52	70	-	0.125	0.035	-	0.014	-	0.005	0.014	Si	0.000	0.103	0.041
53	Si	0	0.107	0.028	-	0.005	-	0.006	0.006	Si	0.000	0.088	0.033
53	66	0	0.124	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
53	Si	0	0.123	0.033	-	0.013	-	0.002	0.013	Si	0.000	0.102	0.039
53	72	0	0.114	0.029	-	0.003	-	0.005	0.005	Si	0.000	0.095	0.035
53	Si	-	0.124	0.034	-	0.013	-	0.004	0.013	Si	0.000	0.102	0.040
54	71	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.042
54	Si	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
54	68	0	0.116	0.034	-	0.009	-	0.001	0.009	Si	0.000	0.096	0.040
54	73	0	0.123	0.033	-	0.012	-	0.001	0.012	Si	0.000	0.102	0.039
54	Si	-	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
55	72	0	0.126	0.037	-	0.009	-	0.001	0.009	Si	0.000	0.104	0.044
55	Si	0	0.127	0.036	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043
55	69	0	0.123	0.034	-	0.012	-	0.001	0.012	Si	0.000	0.102	0.039
55	74	0	0.115	0.034	-	0.009	-	0.001	0.009	Si	0.000	0.095	0.040
55	Si	0	0.115	0.034	-	0.009	-	0.001	0.009	Si	0.000	0.095	0.040
55	73	0	0.115	0.034	-	0.009	-	0.001	0.009	Si	0.000	0.095	0.040
55	Si	0	0.115	0.034	-	0.009	-	0.001	0.009	Si	0.000	0.095	0.040

55	-	-	0.127	0.037	-	0.012	-	0.001	0.012	Si	0.000	0.105	0.043	
56	Si	69	0	0.125	0.035	-	0.014	-	0.002	0.014	Si	0.000	0.103	0.041
56	Si	70	0	0.108	0.029	-	0.005	-	0.006	0.006	Si	0.000	0.089	0.033
56	Si	75	0	0.115	0.030	-	0.003	-	0.004	0.004	Si	0.000	0.095	0.035
56	Si	74	0	0.123	0.033	-	0.013	-	0.002	0.013	Si	0.000	0.102	0.039
56	-	-	0.124	0.034	-	0.014	-	0.004	0.014	Si	0.000	0.103	0.040	
57	Si	71	0	0.115	0.030	-	0.003	-	0.005	0.005	Si	0.000	0.095	0.035
57	Si	72	0	0.121	0.032	-	0.013	-	0.002	0.013	Si	0.000	0.100	0.038
57	Si	77	0	0.109	0.030	-	0.019	-	0.004	0.019	Si	0.000	0.090	0.036
57	Si	76	0	0.110	0.031	-	0.003	-	0.009	0.009	Si	0.000	0.091	0.036
57	-	-	0.120	0.032	-	0.017	-	0.005	0.017	Si	0.000	0.099	0.037	
58	Si	72	0	0.121	0.033	-	0.012	-	0.001	0.012	Si	0.000	0.100	0.038
58	Si	73	0	0.114	0.032	-	0.007	-	0.001	0.007	Si	0.000	0.094	0.038
58	Si	78	0	0.088	0.025	-	0.004	-	0.001	0.004	Si	0.000	0.073	0.030
58	Si	77	0	0.108	0.030	-	0.016	-	0.002	0.016	Si	0.000	0.090	0.035
58	-	-	0.119	0.033	-	0.014	-	0.002	0.014	Si	0.000	0.098	0.038	
59	Si	73	0	0.113	0.032	-	0.007	-	0.001	0.007	Si	0.000	0.093	0.038
59	Si	74	0	0.121	0.033	-	0.012	-	0.001	0.012	Si	0.000	0.100	0.038
59	Si	79	0	0.108	0.030	-	0.015	-	0.002	0.015	Si	0.000	0.089	0.035
59	Si	78	0	0.085	0.025	-	0.003	-	0.001	0.003	Si	0.000	0.071	0.029
59	-	-	0.118	0.033	-	0.014	-	0.001	0.014	Si	0.000	0.097	0.038	
60	Si	74	0	0.121	0.032	-	0.013	-	0.002	0.013	Si	0.000	0.100	0.038
60	Si	75	0	0.115	0.030	-	0.003	-	0.004	0.004	Si	0.000	0.095	0.035
60	Si	80	0	0.110	0.031	-	0.004	-	0.008	0.008	Si	0.000	0.091	0.036
60	Si	79	0	0.108	0.030	-	0.019	-	0.004	0.019	Si	0.000	0.090	0.035
60	-	-	0.120	0.032	-	0.018	-	0.005	0.018	Si	0.000	0.099	0.037	
61	Si	76	0	0.111	0.032	-	0.005	-	0.009	0.009	Si	0.000	0.092	0.037
61	Si	77	0	0.101	0.029	-	0.020	-	0.005	0.020	Si	0.000	0.084	0.034
61	Si	82	0	0.121	0.034	-	0.001	-	0.017	0.017	Si	0.000	0.100	0.040
61	Si	81	0	0.084	0.023	-	0.008	-	0.069	0.069	Si	0.000	0.070	0.027
61	-	-	0.100	0.029	-	0.021	-	0.021	0.021	Si	0.000	0.083	0.034	
62	Si	77	0	0.101	0.029	-	0.015	-	0.003	0.015	Si	0.000	0.084	0.034
62	Si	78	0	0.082	0.025	-	0.004	-	0.001	0.004	Si	0.000	0.068	0.029
62	Si	83	0	0.079	0.021	-	0.001	-	0.003	0.003	Si	0.000	0.065	0.025
62	Si	82	0	0.100	0.029	-	0.003	-	0.017	0.017	Si	0.000	0.083	0.034
62	-	-	0.097	0.028	-	0.010	-	0.004	0.010	Si	0.000	0.080	0.033	
63	Si	78	0	0.079	0.024	-	0.004	-	0.001	0.004	Si	0.000	0.065	0.028
63	Si	79	0	0.101	0.029	-	0.013	-	0.002	0.013	Si	0.000	0.083	0.034
63	Si	84	0	0.098	0.029	-	0.002	-	0.012	0.012	Si	0.000	0.081	0.034
63	Si	83	0	0.075	0.020	-	0.000	-	0.003	0.003	Si	0.000	0.062	0.024
63	-	-	0.096	0.028	-	0.009	-	0.003	0.009	Si	0.000	0.079	0.033	
64	Si	79	0	0.102	0.029	-	0.020	-	0.004	0.020	Si	0.000	0.084	0.034

64	Si	0	0.110	0.032	-	0.006	-	0.008	0.008	Si	0.000	0.091	0.037
64	80	0	0.089	0.024	-	0.008	-	0.066	0.066	Si	0.000	0.073	0.028
64	Si	0	0.118	0.034	-	0.001	-	0.012	0.012	Si	0.000	0.098	0.040
64	84	0	0.101	0.029	-	0.021	-	0.022	0.022	Si	0.000	0.083	0.034
64	Si	-	-	-	-	-	-	-	-	-	-	-	-
64	-	-	-	-	-	-	-	-	-	-	-	-	-
64	Si	-	-	-	-	-	-	-	-	-	-	-	-

2 RIASSUNTO VERIFICHE

Tabella riassuntiva verifiche Stati Limite Beam CA

Piano	Travi				Pilastrini				Pareti					
	Nodi	SLU	Dutti-	Tens	Fessur.	Deform	SLU	Dutti-	Tens	Fessur.	Spost	Instab.	SLU	Dutti-
	Min.	Resist.	lità	Eserc.			lità	Eserc.					lità	Eserc.
	Arm.													
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Tabella riassuntiva verifiche Stati Limite Shell e Fondazioni CA

Piano	Pareti				Piastrine				Plinti diretti				Plinti su pali				Pali
	SLU	Tens	Fessur.	Spost	SLU	Tens	Fessur.	SLU	Tens	Fessur.	SLU	Tens	Fessur.	SLU	Tens	Fessur.	SLU
	Fessur.																
	Eserc.				Eserc.			Eserc.			Eserc.		Eserc.			Eserc.	Eserc.
0	-	-	-	-	Si	Si	Si	-	-	-	-	-	-	-	-	-	-
1	Si	Si	Si	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Tabella Verifiche Unioni per Piano

Piano	Unioni Travi Legno				Unioni Pilastrini Legno				Unioni Travi Acciaio				Unioni Pilastrini Acciaio				Unioni Nodi
	My-Mz-N	Vy-Vz-Mt	Tot	Tot	My-Mz-N	Vy-Vz-Mt	Tot	Tot	My-Mz-N	Vy-Vz-Mt	Tot	Tot	My-Mz-N	Vy-Vz-Mt	Tot	Tot	Tot
	Tot																
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Tabella riassuntiva verifiche Interpiano

Piano	Spost. Totale Sismici	Contributo				Controllo				Effetto			
		Rigid. Elem. Sec				q				P-Δ			
Piano	Δmax/Tot	Sisma	Sisma	Tot. Medio	Regolarità	Regolarità	Rigididezza	Controllo	θx/	θy/	Coef. Tot.		
		Δamm	X	Y	Struttura	in pianta	in altezza	torsionale	q	0.2	0.2	Medio	
0	-	-	-	-	-	-	-	-	-	-	-		
1	-	-	-	-	-	-	-	-	-	-	-		

Tabella riassuntiva verifiche Acciaio, Legno e Unioni

Piano	Travi Legno				Pilastrini Legno				Legno				Travi Acciaio				Pilastrini Acciaio				Acciaio
	Unioni	SLU	Insta-	Tot	Unioni	SLU	Insta-	Tot	SLU	Insta-	Defor-	Tot	SLU	Insta-	Defor-	Classe	SLU	Insta-	Defor-	Classe	Tot
	Sezioni	Unione	Tot	bilite	Sezioni	Unione	Tot	bilite	Sezioni	Unione	Tot	bilite	Sezioni	Unione	Tot	Max.	Sezioni	Unione	Tot	Max.	Sezioni
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Tabella riassuntiva verifiche Muratura

Piano	Maschi										Fasce									
	cNM	cEcc	cN	cNM	cV	cDiag	cNM	cV	Tot.	cNM	cEcc	cN	cNM	cV	cDiag	cNM	cV	Tot.	cNM	cV
	Ver./nTot.																			
	Sec 4	4		Princ	Princ		Sec	Sec		Sec 4	4		Princ	Princ		Sec	Sec		Sec	Sec
0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Verifica di resistenza degli elementi strutturali

- Valore massimo Ed/Rd allo SLE: 0.19503
- Valore massimo Ed/Rd allo SLU: 0.22253
- Valore massimo Ed/Rd allo SLD: 0.15222

Verifica spostamenti SLD-SLO

- Coefficiente di verifica: 0

Tabella riassuntiva verifiche Geometriche

	Travi	Pilastri	Pareti	Nodi	Piastre	Pareti	Plinti
Piano	Solai	Cap.4	Cap.7	Cap.4	Cap.7	Cap.4	Cap.7
	Solai						
						Shell	Shell
0	-	-	-	-	-	Si	-
1	-	-	-	-	-	-	-

Tabella Riassunto Verifiche Analisi Lineare

	Stati Limite Tot.											Geometria				
Piano	Beam Tot	Nodi Tot	Shell	Plinti	Solai	Beam	Unioni	Murature	Interpiano	Terreno	Tot	Beam	Nodi CA	Shell CA	Plinti CA	Solai
	CA SL	CA SL	CA SL	CA SL	SL	A/L					SL	CA Geom	Geom	Geom	Geom	Geom
0	-	Si	Si	-	-	-	-	-	-	-	Si	Si	-	-	Si	-
1	-	Si	Si	-	-	-	-	-	-	-	Si	-	-	-	-	-

3 CONCLUSIONI

Al fine di fornire un giudizio motivato di accettabilità del risultato, come richiesto al § 10.2.1 NTC18, il progettista strutturale assevera di aver:

- Esaminato preliminarmente la documentazione a corredo del software e di ritenerlo affidabile ed idoneo alla struttura in oggetto.
- Controllato accuratamente i tabulati di calcolo, in particolare la tabella “**Equilibrio per piano**”, il listato degli errori numerici del solutore e le **tabelle di verifica delle sezioni**.
- Confrontato i risultati del software con quelli ottenuti con semplici calcoli di massima.
- Esaminato gli stati tensionali e deformativi e di ritenerli consistenti e coerenti con la schematizzazione e modellazione della struttura.

Pertanto ritiene che i risultati siano accettabili e che il presente progetto strutturale sia conforme alle Leggi n°1086/71 e n°64/74, e al DM 17/01/2018 (Norme tecniche per le costruzioni).