

Total Sound Emissions from Major Rail – Luas Summary

Major Rail – Luas	L _{DEN}	L _{DAY}	L _{EVENING}	L _{NIGHT}	No. Of Quiet Facades (QFs)	No. of people with QF (L _{DEN})	No. of people with QF (L _{NIGHT})	Area Exposed (L _{DEN}) km ²	No. of Dwellings Exposed (L _{DEN})
dBA									
0-44	1244200	1250600	1253700	1261400	3300	16800	14200		513500
45-49	12600	9100	7600	4800	100	1400	900		5500
50-54	6600	5700	5000	4700	100	900	1400		2900
55-59	5200	4700	4500	1800	100	900	500		2300
60-64	3000	2200	1900	300	200	1400	100		1400
65-69	1200	600	300	100	100	300	100		400
70-74	200	200	100	0	0	100	0		100
>55	9800	7700	6700	2200	500	2800	700	3.24	4300
>65	1500	700	500	100	100	400	100	1.98	600
>=70	300	200	100	0	100	200	0	0	200
>=75	100	0	0	0	0	100	0	0.08	0
Total	1273100	1273100	1273100	1273100	3900	21900	17200	5.3	526100

Total Sound Emissions from Total Rail Summary

Major Rail – Total Rail	L _{DEN}	L _{DAY}	L _{EVENING}	L _{NIGHT}	No. Of Quiet Facades (QFs)	No. of people with QF (L _{DEN})	No. of people with QF (L _{NIGHT})	Area Exposed (L _{DEN}) km ²	No. of Dwellings Exposed (L _{DEN})
dBA									
0-44	1185800	1205600	1214500	1245900	7900	38500	32500		488200
45-49	41100	31700	27500	13700	200	3100	2400		18100
50-54	21600	17300	15100	9200	200	2200	3100		9200
55-59	13700	11400	10400	3700	200	2500	1100		6000
60-64	7700	5600	4400	500	700	2800	200		3200
65-69	2800	1300	1000	100	100	800	100		1300
70-74	300	200	200	0	0	200	0		200
>55	24400	18300	15900	4300	1100	6600	1400	10.23	10700
>65	3200	1500	1100	100	200	1000	100	3.04	1500
>=70	400	200	200	0	100	300	0	0.00	200
>=75	100	0	0	0	0	100	0	0.09	0
Total	1273100	1273100	1273100	1273100	9300	50200	39400	13.36	526100