



Dublin Airport Supplementary 2024 Quarterly Noise Lmax data for the Day, Evening and Night periods

Q1, Q2, Q3 and Q4 2024

Published 14 March 2025

- For 2024, Dublin Airport published four Quarterly Noise and Flight Track Monitoring Reports which are available on its [website](#).
- These reports included measured noise data based on time-averaged metrics including Lden, Lnight and Leq16h, and single event noise metrics including Lmax and SEL.
- Lmax data was presented in the form of the Noise Above (NA) metric, where, for example, N60 is the number of measured and correlated aircraft noise events which exceeded Lmax 60 dBA. Data on N60 through N85 was provided for up to 25 Noise Monitoring Terminals (NMT), where the figures presented were the daily number of events averaged over each quarter.
- Feedback from community members on the reports has indicated a desire to have this NA/Lmax data separated in the different periods of the day, namely the day (07-19h), evening (19-23h) and night (23-07h) periods. These divisions are consistent with the time-averaged metric Lden which is used by the EU Environmental Noise Directive and the FCC/ANCA Noise Abatement Objective.
- This report provides the above as data supplementary to the four 2024 Quarterly Reports and should be read in conjunction with those reports.
- For each quarter, an extract of the relevant report is included, showing the N60-N85 data measured at the NMT, followed by the breakdown of the N60-N85 data for the day, evening and night periods, averaged for the calendar days over the quarter.
- Going forward from Q1 2025, the Quarterly Reports will include this data.

Q1 2024 Lmax and SEL Number Above (NA) data (Daily Average)



NMT	Location	Average Number of Aircraft Noise Events per DAY Above Lmax (dBA) [e.g. N60 = Number of events above Lmax 60dBA]						# Aircraft N Events / DAY	Average Number of Aircraft Noise Events per DAY Above SEL [e.g. N(SEL)70 = Number of events above SEL 70dBA]						# Aircraft N Events
		N60	N65	N70	N75	N80	N85		(Av day Q1)	N(SEL)70	N(SEL)75	N(SEL)80	N(SEL)85	N(SEL)90	
1	Bay Lane	58.4	58.4	57.3	46.4	18.6	0.4	59	58.4	58.2	56.5	45.4	6.3	0.1	5340
2	St. Doolaghs	274.2	274.2	255.8	140.1	3.8	0.2	274	274.2	273.1	250.2	90.1	2.8	0.0	24974
3	Bishopswood	152.1	152.1	118.3	38.9	1.7	0.1	152	152.1	149.8	112.1	31.2	1.6	0.1	13843
4	Feltrim	43.9	38.5	9.9	2.7	0.3	0.0	44	43.7	33.5	8.7	2.2	0.3	0.0	3993
5	Balcultry	0.9	0.7	0.4	0.2	0.1	0.0	0.9	0.9	0.7	0.4	0.2	0.1	0.0	82
6	St.Davids	1.5	1.5	0.9	0.2	0.1	0.0	1.8	1.5	1.5	0.6	0.2	0.1		168
7	Swords	1.0	0.9	0.6	0.3	0.1		1.1	1.0	0.8	0.7	0.3	0.1		96
8	Malahide	2.5	1.5	0.4	0.1	0.0		2.8	2.4	1.3	0.4	0.1	0.0		259
10	St.Margarets NS	153.8	148.9	141.7	86.5	8.3	0.1	154	152.8	148.8	137.8	84.9	5.4	0.0	13977
20	Coast Rd (OP)	256.2	256.2	232.3	27.6	0.9	0.1	256	256.2	256.2	236.3	33.5	1.2	0.0	23324
26	Kilcoskan NS	162.6	158.4	145.7	71.3	6.7	0.1	167	162.3	158.9	149.6	84.6	8.8	0.0	14799
27	Summerhill	0.7	0.6	0.1	0.0			1.1	0.7	0.4	0.1	0.0			102
28	Newpark	168.8	168.0	143.3	100.9	12.0	0.7	169	168.8	159.1	140.7	106.4	9.4	0.3	15369
29	Ashbourne	7.7	7.2	1.5	0.1			7.6	7.7	4.6	1.3	0.1			695
30	Roundwood	0.0	0.0	0.0				0.0	0.0	0.0	0.0				2
31	Dunboyne	24.0	21.3	3.3	0.1	0.0	0.0	24	23.9	17.8	3.0	0.1			2214
32	Donabate	0.4	0.4	0.2	0.1	0.0		0.5	0.4	0.3	0.2	0.1	0.0		43
33	Ardgillan	0.2	0.2	0.1	0.0	0.0		0.3	0.2	0.1	0.1	0.0	0.0		28
206	Ratoath (March)	31.2	24.1	4.7	1.1	0.3	0.0	32 (March)	30.6	24.3	5.0	0.9			966 (March)

This page was previously published in the Q1 2024 (Rev 1) Report

Q1 2024 Lmax Data (Day, Evening and Night averages over the 3 months) DublinAirport

NMT	Location	Average Number of Day time Events over each Lmax Level (Day Period is 12 hours, 7am to 7pm)						Average Number of Evening time Events over each Lmax Level (Evening Period is 4 hrs, 7pm to 11pm)						Average Number of Day time Events over each Lmax Level (Night Period is 8 hours 11pm to 7am)					
		N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85
1	Bay Lane	17.9	17.9	17.6	15.7	8.9	0.2	7.0	7.0	6.9	6.3	3.4	0.1	32.8	32.8	32.2	23.8	6.2	0.1
2	St. Doolaghs	185.2	185.2	171.7	90.9	2.6	0.0	52.5	52.5	49.0	28.0	0.3	0.0	33.6	33.6	32.4	19.6	0.8	0.1
3	Bishopswood	120.3	120.3	95.8	32.7	1.4	0.1	19.3	19.3	15.4	5.1	0.2	0.0	10.9	10.9	5.9	0.7	0.0	0.0
4	Feltrim	32.9	28.7	7.0	1.4	0.1	0.0	5.1	4.6	1.1	0.3	0.1	0.0	5.3	4.8	1.7	1.0	0.1	0.0
5	Balcultry	0.6	0.5	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
6	St.Davids	1.3	1.3	0.8	0.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
7	Swords	0.7	0.7	0.5	0.2	0.1	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
8	Malahide	1.4	1.0	0.2	0.0	0.0	0.0	0.3	0.2	0.1	0.0	0.0	0.0	0.7	0.3	0.1	0.0	0.0	0.0
10	St.Margarets NS	105.2	104.8	102.3	60.2	5.5	0.1	19.1	19.0	17.1	8.6	0.3	0.0	27.8	23.5	20.8	16.7	2.3	0.0
20	Coast Rd (OP)	173.1	173.1	157.3	19.3	0.5	0.1	49.5	49.5	44.4	3.9	0.2	0.0	30.8	30.8	28.1	4.1	0.2	0.0
26	Kilcoskan NS	138.6	135.0	124.4	62.3	6.3	0.1	21.6	21.3	19.5	8.2	0.3	0.0	0.6	0.4	0.2	0.0	0.0	0.0
27	Summerhill	0.5	0.5	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
28	Newpark	143.8	143.3	122.6	87.2	10.9	0.6	22.4	22.3	18.9	12.6	1.0	0.1	0.8	0.7	0.3	0.1	0.0	0.0
29	Ashbourne	6.3	6.1	1.4	0.1	0.0	0.0	1.3	0.9	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
30	Roundwood	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	Dunboyne	9.4	9.2	1.6	0.1	0.0	0.0	3.5	2.9	0.2	0.0	0.0	0.0	10.8	8.9	1.4	0.1	0.0	0.0
32	Donabate	0.3	0.3	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	Ardgillan	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

This data shows Lmax events during day (7am-7pm), evening (7-11pm) and night (11pm -7am) periods averaged over Q1 2024.
 N60 = number of events over Lmax 60 dBA

Q2 2024 Lmax and SEL Number Above (NA) data (Daily Average)



NMT	Location	Average Number of Aircraft Noise Events per DAY Above Lmax (dBA) [e.g. N60 = Number of events above Lmax 60dBA]						# Aircraft N Events / DAY	Average Number of Aircraft Noise Events per DAY Above SEL [e.g. N(SEL)70 = Number of events above SEL 70dBA]						# Aircraft N Events
		N60	N65	N70	N75	N80	N85		(Av day Q2)	N(SEL)70	N(SEL)75	N(SEL)80	N(SEL)85	N(SEL)90	
1	Bay Lane	56.2	56.2	55.2	42.5	11.3	0.2	56.3	56.2	56.1	54.5	41.3	3.3	0.0	5123
2	St. Doolaghs	344.1	344.0	325.2	162.5	4.2	0.2	344	344.1	342.1	315.8	82.8	2.7	0.0	31316
3	Bishopswood	200.0	200.0	157.7	52.4	2.2	0.2	200	200.0	197.1	148.0	32.6	3.0	0.2	18204
4	Feltrim	31.6	24.6	8.6	2.9	0.1		32	31.3	20.6	8.4	1.4	0.1		2880
5	Balcultry	1.6	1.6	1.3	1.1	0.8	0.0	1.7	1.6	1.6	1.3	1.1	0.1		154
6	St.Davids	2.7	2.7	1.9	0.8	0.1	0.0	3.1	2.7	2.6	1.4	0.9	0.1	0.0	280
7	Swords	0.8	0.7	0.5	0.2	0.1	0.0	1.0	0.8	0.7	0.5	0.3	0.1		91
8	Malahide	2.1	0.6	0.1	0.0	0.0		5.6	2.8	0.5	0.1	0.0	0.0	0.0	507
10	St.Margarets NS	215.3	210.5	205.3	121.3	10.2	0.1	216	214.5	210.2	195.3	102.3	4.9	0.0	19632
20	Coast Rd (OP)	321.3	321.3	287.3	26.2	1.1	0.2	321	321.3	321.3	286.0	25.1	0.5	0.1	29235
26	Kilcoskan NS	208.2	205.5	194.0	113.7	10.0	0.1	208	207.8	205.0	194.9	118.8	12.9	0.1	18948
27	Summerhill	0.8	0.6	0.1	0.0	0.0		2.4	0.7	0.4	0.1	0.1	0.0		217
28	Newpark	211.9	211.2	188.7	144.1	20.8	0.9	212	211.8	202.8	186.0	145.5	14.8	0.4	19287
29	Ashbourne	10.2	8.7	2.4	0.2			10.3	10.0	6.4	1.4	0.2	0.0	0.0	934
30	Roundwood	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0			1
31	Dunboyne	24.4	20.5	3.5	0.2	0.0	0.0	24.4	24.1	17.8	3.1	0.2	0.0		2223
32	Donabate	0.3	0.3	0.1	0.0			0.3	0.3	0.3	0.1	0.0			28
33	Ardgillan	0.3	0.2	0.1	0.0			0.4	0.2	0.1	0.1	0.0			33
206	Ratoath	59.9	45.0	9.1	1.6	0.2		59.9	58.1	43.9	9.7	1.3	0.0	0.0	5447

This page was previously published in the Q2 2024 (Rev 1) Report

Q2 2024 Lmax data (Day, Evening & Night averages over the 3 months)



NMT	Location	Average Number of Day time Events over each Lmax Level (Day Period is 12 hours, 7am to 7pm)						Average Number of Evening time Events over each Lmax Level (Evening Period is 4 hrs, 7pm to 11pm)						Average Number of Day time Events over each Lmax Level (Night Period is 8 hours 11pm to 7am)					
		N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85
1	Bay Lane	12.6	12.6	12.2	10.1	4.9	0.1	4.7	4.7	4.7	4.2	1.6	0.0	38.9	38.9	38.3	28.2	4.8	0.1
2	St. Doolaghs	230.8	230.7	217.0	106.3	3.5	0.1	63.8	63.8	59.9	28.6	0.2	0.0	49.5	49.5	48.3	27.6	0.5	0.1
3	Bishopswood	156.1	156.1	128.1	44.7	2.0	0.2	34.5	34.5	27.1	7.6	0.1	0.0	9.4	9.4	2.5	0.1	0.0	0.0
4	Feltrim	20.3	15.9	3.4	0.7	0.1	0.0	4.7	2.7	0.4	0.1	0.0	0.0	6.6	6.0	4.8	2.2	0.0	0.0
5	Balcultry	0.5	0.5	0.3	0.2	0.2	0.0	0.8	0.8	0.7	0.7	0.5	0.0	0.3	0.3	0.2	0.2	0.1	0.0
6	St.Davids	1.7	1.7	0.9	0.2	0.1	0.0	0.8	0.8	0.7	0.4	0.0	0.0	0.2	0.2	0.2	0.1	0.0	0.0
7	Swords	0.4	0.4	0.3	0.1	0.0	0.0	0.3	0.2	0.2	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0
8	Malahide	0.7	0.5	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	1.2	0.1	0.0	0.0	0.0	0.0
10	St.Margarets NS	144.6	144.6	144.4	85.2	8.7	0.1	35.3	35.3	32.7	16.2	0.2	0.0	35.4	30.6	28.2	19.8	1.3	0.0
20	Coast Rd (OP)	214.7	214.7	193.9	19.4	0.8	0.2	59.5	59.5	50.6	2.8	0.2	0.0	47.1	47.1	42.8	4.0	0.1	0.0
26	Kilcoskan NS	170.6	168.4	159.4	97.8	9.8	0.1	36.7	36.4	34.1	15.6	0.2	0.0	0.9	0.8	0.5	0.2	0.0	0.0
27	Summerhill	0.5	0.5	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
28	Newpark	175.1	174.7	155.2	120.5	19.6	0.9	35.9	35.8	33.0	23.3	1.2	0.0	0.8	0.6	0.5	0.3	0.0	0.0
29	Ashbourne	8.0	7.8	2.3	0.2	0.0	0.0	2.0	0.8	0.2	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
30	Roundwood	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	Dunboyne	5.7	5.6	0.9	0.1	0.0	0.0	2.6	2.2	0.1	0.0	0.0	0.0	16.0	12.6	2.5	0.1	0.0	0.0
32	Donabate	0.2	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	Ardgillan	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
206	Ratoath	51.0	38.8	8.6	1.4	0.1	0.0	8.3	6.0	0.5	0.2	0.1	0.0	0.6	0.2	0.0	0.0	0.0	0.0

This data shows Lmax events during day (7am-7pm), evening (7-11pm) and night (11pm -7am) periods averaged over Q2 2024.
 N60 = number of events over Lmax 60 dBA

Q3 2024 Lmax and SEL Number Above (NA) data (Daily Average)



NMT	Location	Average Number of Aircraft Noise Events per DAY Above Lmax (dBA) [e.g. N60 = Number of events above Lmax 60dBA]						# Aircraft N Events / DAY	Average Number of Aircraft Noise Events per DAY Above SEL [e.g. N(SEL)70 = Number of events above SEL 70dBA]						# Aircraft N Events
		N60	N65	N70	N75	N80	N85		(Av day Q3)	N(SEL)70	N(SEL)75	N(SEL)80	N(SEL)85	N(SEL)90	
1	Bay Lane	51.0	51.0	49.5	33.3	6.5	0.1	51	51.0	50.9	48.5	32.0	1.8	0.0	4703
2	St. Doolaghs	364	364	342.3	151.3	3.6	0.1	364	363.8	361.9	331.3	70.9	2.1		33442
3	Bishopswood	200.1	200.1	156.1	52.9	2.7	0.3	200	200.2	196.8	142.3	30.4	1.7	0.2	18407
4	Feltrim	43.5	34.4	12.7	5.4	1.2	0.3	44	43.3	28.8	12.4	4.1	1.1	0.2	4003
5	Balcultry	1.0	1.0	0.7	0.4	0.2		1.1	1.0	1.0	0.6	0.4	0.0		105
6	St.Davids	2.2	2.1	1.1	0.3	0.1	0.0	2.8	2.2	2.0	0.5	0.2	0.1		256
7	Swords	1.3	1.2	0.8	0.5	0.1		1.4	1.3	1.1	0.8	0.4	0.1		131
8	Malahide	1.5	0.6	0.1	0.0			3.1	1.6	0.4	0.2	0.1			285
10	St.Margarets NS	223.5	219.0	213.5	112.8	11.5	0.2	224	222.7	218.6	201.1	85.7	4.8		20643
20	Coast Rd (OP)	349*	349*	309*	23.5*	1.2*	0.1*	349 (37d)*	307.8*	307.8*	269.4*	21.1*	0.2*	0.0*	12906 (37d)*
26	Kilcoskan NS	229.2	226.5	212.4	119.0	10.4	0.1	229	228.8	226.1	212.5	114.1	9.5	0.0	21092
27	Summerhill	0.6	0.4	0.1				1.0	0.5	0.3	0.0	0.0			95
28	Newpark	227.6	227.0	202.6	152.4	19.5	0.8	228	227.6	217.7	199.7	152.7	14.8	0.3	20949
29	Ashbourne	9.4	8.3	2.1	0.2	0.0		9.5	9.3	6.4	1.6	0.4	0.1	0.0	870
30	Roundwood							0.0							0
31	Dunboyne	20.7	15.3	2.6	0.1	0.0		20.8	20.1	13.7	2.7	0.2			1917
32	Donabate	0.4	0.3	0.1	0.1	0.0		0.5	0.4	0.3	0.1	0.1	0.0		46
33	Ardgillan	0.2	0.2	0.1	0.0			0.3	0.2	0.1	0.0	0.0			29
34	Portmarnock	77.5	67.3	34.5	3.3	0.2	0.0	78	77.4	67.9	37.6	4.2	0.3	0.2	7131
35	Ballyboughal	2.8	2.8	2.8	0.5	0.0		3.0	2.8	2.8	1.7	0.2	0.0		277
206	Ratoath	64.9	47.7	7.3	0.9	0.1	0.0	65	62.9	47.3	7.8	0.9	0.1	0.0	5975

This page was previously published in the Q3 2024 (Rev 1) Report

* Data point has been amended for this revision

Including Permanent NMT installations only

NMT 20 was functioning only 37 days in Q3

Q3 2024 Lmax data (Day, Evening & Night averages over the 3 months)



NMT	Location	Average Number of Day time Events over each Lmax Level (Day Period is 12 hours, 7am to 7pm)						Average Number of Evening time Events over each Lmax Level (Evening Period is 4 hrs, 7pm to 11pm)						Average Number of Day time Events over each Lmax Level (Night Period is 8 hours 11pm to 7am)					
		N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85
1	Bay Lane	7.4	7.4	7.0	5.0	1.3	0.1	1.7	1.7	1.7	0.9	0.1	0.0	41.9	41.9	40.8	27.4	5.0	0.1
2	St. Doolaghs	242.3	242.2	226.6	99.7	3.0	0.1	66.2	66.2	61.7	24.2	0.2	0.0	55.4	55.4	54.0	27.4	0.3	0.0
3	Bishopswood	157.5	157.5	127.2	44.5	2.5	0.3	34.5	34.5	26.1	8.3	0.2	0.0	8.1	8.1	2.7	0.1	0.0	0.0
4	Feltrim	33.3	27.5	9.3	3.4	1.1	0.3	5.9	3.5	1.0	0.3	0.1	0.0	4.3	3.3	2.4	1.7	0.0	0.0
5	Balcultry	0.5	0.4	0.2	0.1	0.0	0.0	0.2	0.2	0.1	0.0	0.0	0.0	0.4	0.4	0.3	0.3	0.2	0.0
6	St.Davids	1.9	1.9	0.9	0.2	0.1	0.0	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
7	Swords	0.8	0.8	0.5	0.3	0.1	0.0	0.4	0.4	0.3	0.2	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
8	Malahide	0.6	0.3	0.1	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.6	0.1	0.1	0.0	0.0	0.0
10	St.Margarets NS	150.6	150.6	150.2	79.1	9.5	0.1	37.0	37.0	33.7	12.6	0.2	0.0	36.0	31.4	29.6	21.1	1.9	0.0
20	Coast Rd (OP)	96.7	96.7	86.6	8.4	0.4	0.0	26.2	26.2	22.0	0.9	0.1	0.0	24.3	24.3	21.9	1.4	0.0	0.0
26	Kilcoskan NS	188.8	186.6	175.0	102.4	10.2	0.1	39.8	39.5	37.2	16.5	0.3	0.0	0.5	0.4	0.3	0.1	0.0	0.0
27	Summerhill	0.3	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
28	Newpark	187.8	187.4	166.8	128.0	18.2	0.8	39.3	39.3	35.6	24.2	1.3	0.0	0.5	0.4	0.2	0.1	0.0	0.0
29	Ashbourne	7.8	7.8	2.1	0.2	0.0	0.0	1.4	0.5	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
30	Roundwood	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	Dunboyne	2.6	2.5	0.5	0.0	0.0	0.0	0.8	0.4	0.0	0.0	0.0	0.0	17.3	12.4	2.1	0.1	0.0	0.0
32	Donabate	0.3	0.3	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	Ardgillan	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
34	Portmarnock	39.2	39.2	27.4	3.3	0.2	0.0	13.9	11.2	4.4	0.1	0.0	0.0	24.3	16.8	2.6	0.0	0.0	0.0
35	Ballyboughal	2.5	2.5	2.5	0.4	0.0	0.0	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206	Ratoath	54.2	40.6	6.9	0.9	0.1	0.0	9.9	6.9	0.4	0.1	0.0	0.0	0.8	0.2	0.0	0.0	0.0	0.0

This data shows Lmax events during day (7am-7pm), evening (7-11pm) and night (11pm -7am) periods averaged over Q3 2024. N60 = number of events over Lmax 60 dBA

Q4 2024 Lmax and SEL Number Above (NA) data (Daily Average)



NMT	Location	Average Number of Aircraft Noise Events per DAY Above Lmax (dBA) [e.g. N60 = Number of events above Lmax 60dBA]						# Aircraft N Events / DAY	Average Number of Aircraft Noise Events per DAY Above SEL [e.g. N(SEL)70 = Number of events above SEL 70dBA]						# Aircraft N Events
		N60	N65	N70	N75	N80	N85		(Av day Q4)	N(SEL)70	N(SEL)75	N(SEL)80	N(SEL)85	N(SEL)90	
1	Bay Lane	36.7	36.7	35.5	25.6	5.7	0.1	36.7	36.7	36.5	34.7	25.4	2.0	0.0	3377
2	St. Doolaghs	273.1	273.1	257.5	129.9	4.4	0.3	273	273.1	271.5	251.1	84.2	3.6	0.0	25115
3	Bishopswood	161.8	161.8	123.3	53.5	2.3	0.2	162	161.8	158.8	117.3	38.4	3.2	0.3	14878
4	Feltrim	43.9	36.7	13.7	5.0	1.1	0.3	44	43.7	30.8	11.2	3.4	0.8	0.2	4035
5	Balcultry	0.8	0.7	0.6	0.4	0.3	0.0	0.8	0.8	0.7	0.5	0.4	0.1	0.0	75
6	St.Davids	2.1	2.0	1.3	0.5	0.1	0.0	2.3	2.1	2.0	1.0	0.5	0.1		216
7	Swords	0.7	0.7	0.5	0.2	0.1		0.8	0.7	0.6	0.4	0.2	0.1		74
8	Malahide	1.3	0.7	0.3	0.1			2.4	1.5	0.6	0.2	0.1			221
10	St.Margarets NS	168.5	162.9	157.0	84.7	9.3	0.2	169	167.8	162.8	147.5	68.5	5.8	0.0	15528
20	Coast Rd (OP)	252.7	252.7	239.6	56.4	2.5	0.1	253	252.7	252.7	240.9	73.6	3.5	0.1	23236
26	Kilcoskan NS	165.5	162.0	149.6	81.1	8.7	0.1	165	165.1	162.5	153.4	88.5	11.2	0.1	15218
27	Summerhill	0.6	0.4	0.1				0.9	0.5	0.2	0.0				82
28	Newpark	170.8	170.1	143.3	91.6	12.7	0.8	171	170.8	160.0	142.3	100.4	11.6	0.3	15713
29	Ashbourne	9.5	8.7	2.0	0.1			9.5	9.4	5.9	1.6	0.1			872
30	Roundwood							0.0							0
31	Dunboyne	15.6	12.3	2.2	0.1			16	15.4	11.1	2.4	0.1			1445
32	Donabate	0.3	0.3	0.2	0.1	0.0		0.3	0.3	0.2	0.2	0.0	0.0		32
33	Ardgillan	0.2	0.2	0.0	0.0	0.0		0.3	0.2	0.1	0.0	0.0	0.0		31
34	Portmarnock	71.2	65.1	39.9	4.2	0.2	0.1	71	71.0	65.7	40.6	4.8	0.3	0.1	6543
35	Ballyboughal	2.3	2.3	2.3	0.3	0.0	0.0	2.4	2.3	2.3	1.4	0.2	0.0		224
37	Ongar	2.2	1.4	0.1	0.0			2.7	2.2	1.9	0.3	0.0			247
38	Clondalkin	0.1	0.0	0.0				9.4	0.1	0.0	0.0				866
39	Lucan	0.5	0.1					2.0	0.5	0.2	0.0				180
40	Bray	0.1	0.0					0.5	0.1	0.0					42
206	Ratoath (March)	39.5	28.2	6.8	0.9	0.1	0.0	40	38.2	29.1	7.6	1.2	0.1		3635

Q4 2024 Lmax data (Day, Evening & Night averages over the 3 months)



NMT	Location	Average Number of Day time Events over each Lmax Level (Day Period is 12 hours, 7am to 7pm)						Average Number of Evening time Events over each Lmax Level (Evening Period is 4 hrs, 7pm to 11pm)						Average Number of Day time Events over each Lmax Level (Night Period is 8 hours 11pm to 7am)					
		N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85	N60	N65	N70	N75	N80	N85
1	Bay Lane	2.5	2.5	2.1	1.0	0.1	0.0	1.2	1.2	1.1	0.8	0.1	0.0	33.0	33.0	32.3	23.7	5.5	0.1
2	St. Doolaghs	186.5	186.5	175.0	85.0	3.2	0.1	51.2	51.2	48.3	25.1	0.3	0.0	35.4	35.4	34.2	19.8	0.9	0.1
3	Bishopswood	129.1	129.1	100.6	43.5	2.0	0.2	24.4	24.4	19.3	9.3	0.2	0.0	8.3	8.3	3.4	0.7	0.0	0.0
4	Feltrim	31.6	26.5	9.2	2.7	0.8	0.2	6.7	5.5	2.0	0.8	0.2	0.1	5.5	4.7	2.5	1.5	0.2	0.0
5	Balcultry	0.4	0.4	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	0.2	0.2	0.0
6	St.Davids	1.6	1.6	1.0	0.3	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.4	0.4	0.3	0.2	0.0	0.0
7	Swords	0.5	0.5	0.4	0.2	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
8	Malahide	0.8	0.5	0.2	0.1	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.4	0.1	0.1	0.0	0.0	0.0
10	St.Margarets NS	115.9	115.9	115.4	60.6	7.8	0.1	22.6	22.6	20.2	8.0	0.3	0.0	30.0	24.4	21.3	16.2	1.2	0.0
20	Coast Rd (OP)	175.4	175.4	165.4	39.7	1.9	0.1	47.0	47.0	45.0	8.5	0.2	0.0	30.3	30.3	29.2	8.3	0.4	0.0
26	Kilcoskan NS	140.8	137.7	128.0	71.1	8.4	0.1	24.0	23.8	21.4	9.9	0.3	0.0	0.7	0.5	0.3	0.1	0.0	0.0
27	Summerhill	0.4	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
28	Newpark	145.0	144.5	122.3	80.5	11.9	0.8	24.8	24.7	20.7	11.0	0.8	0.0	1.0	0.9	0.3	0.1	0.0	0.0
29	Ashbourne	7.8	7.7	1.9	0.1	0.0	0.0	1.4	0.9	0.1	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0
30	Roundwood	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	Dunboyne	0.6	0.5	0.1	0.0	0.0	0.0	0.7	0.5	0.0	0.0	0.0	0.0	14.4	11.2	2.1	0.1	0.0	0.0
32	Donabate	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
33	Ardgillan	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0
34	Portmarnock	39.8	39.8	30.5	3.8	0.2	0.0	12.3	10.7	5.1	0.3	0.1	0.0	19.0	14.6	4.3	0.1	0.0	0.0
35	Ballyboughal	2.2	2.2	2.2	0.3	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	Ongar	0.5	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	1.5	1.0	0.1	0.0	0.0	0.0
38	Clondalkin	0.1	0.0	0.0	0.0	0.0	0.0	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	Lucan	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0
40	Bray	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206	Ratoath	35.4	25.7	6.5	0.8	0.1	0.0	3.5	2.3	0.4	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0

This data shows Lmax events during day (7am-7pm), evening (7-11pm) and night (11pm -7am) periods averaged over Q4 2024.
 N60 = number of events over Lmax 60 dBA

End

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