

**Aircraft Noise Report**

Chicago O'Hare International Airport

Period: August 2017

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last Aug 16	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17	May 17	Jun 17	Jul 17						Aug <sup>1</sup> 17
1	Arlington Heights	58.2	57.9	56.5	54.7	55.2	56.1	54.0	57.2	59.6	53.7	58.6	54.4	56.0	56.8	63.0	63.0	50.5
2	Melrose Park	58.6	60.8	62.1	56.3	46.0	50.1	53.9	57.3	57.6	62.1	64.4	58.5	58.2	59.5	63.4	61.0	50.3
3	Bensenville	63.4	64.5	65.0	65.9	64.6	63.8	63.7	63.4	64.2	65.0	64.0	64.6	64.2	64.4	71.3	67.3	64.9
4	Schiller Park	60.9	58.3	59.5	60.8	56.4	55.3	55.8	56.9	58.1	58.5	57.7	57.7	58.6	58.3	62.6	62.6	58.8
5	Chicago	61.4	60.0	60.3	60.5	58.6	59.2	59.1	60.9	61.8	62.1	61.8	61.5	61.0	60.7	60.8	59.8	61.9
7	Des Plaines	51.7	52.6	51.0	51.5	51.7	50.7	49.7	51.5	51.7	51.3	53.3	52.3	50.7	51.7	65.4	62.0	48.5
8	Des Plaines	56.0	57.2	57.2	57.8	55.4	55.4	54.6	55.8	59.0	58.9	60.5	60.7	54.9	57.8	70.0	68.8	60.8
10	Rolling Meadows	58.5	59.9	59.9	58.5	53.1	50.9	52.8	53.5	56.7	55.6	55.9	54.0	54.8	56.7	59.0	60.8	48.9
11	Chicago	54.7	54.3	56.1	54.2	51.8	52.7	52.9	54.9	55.5	54.8	58.4	55.8	55.1	55.0	60.9	60.7	50.3
12	Elk Grove Village	64.2	59.0	59.7	61.5	60.6	61.2	60.4	62.4	64.6	59.3	61.0	57.4	59.2	61.4	66.7	62.1	57.6
13	Elk Grove Village	69.2	68.1	68.3	66.1	63.7	64.4	64.5	67.1	67.3	66.3	68.5	66.0	67.9	66.9	80.0	77.6	64.6
14	Elk Grove Village	59.0	60.7	58.2	59.4	60.6	59.5	58.8	60.1	60.3	--	60.5	56.8	58.9	59.6	67.6	65.7	54.5
15	Franklin Park	55.6	53.0	56.1	55.8	52.4	55.0	50.3	53.5	54.1	52.4	53.3	52.1	52.8	54.0	64.1	62.6	53.6
16	Franklin Park	63.1	62.4	65.2	65.0	64.7	62.3	62.3	61.6	62.2	64.3	63.1	64.5	62.5	63.6	72.2	72.1	63.4
17	Harwood Heights	64.5	65.3	62.8	61.9	63.1	62.4	62.6	63.2	64.6	63.9	64.3	63.6	63.6	63.6	66.4	65.4	57.9
19	Stone Park	55.9	55.8	54.2	54.7	54.0	52.6	54.4	52.6	53.7	53.6	54.2	54.9	54.5	54.3	64.7	61.7	51.6
20	Mount Prospect	55.2	54.4	53.2	53.9	51.8	51.2	51.4	52.5	53.7	52.2	53.1	52.5	54.0	53.1	63.5	62.4	49.1
21	Mount Prospect	56.1	52.6	53.7	50.0	52.8	48.4	49.6	49.1	53.3	53.4	53.7	50.7	53.9	52.5	59.6	58.6	53.6
22	Norridge	66.3	66.3	64.8	63.9	65.2	64.9	64.6	66.0	66.9	66.2	67.3	66.3	66.5	65.8	69.2	67.7	59.2
23	Northlake	62.7	63.4	63.3	63.9	63.0	61.5	62.0	61.3	61.9	63.8	63.4	65.0	62.9	63.1	73.5	69.1	59.6
24	Park Ridge	57.1	55.8	54.3	53.2	49.6	52.0	50.9	54.4	56.5	53.6	56.6	56.3	53.5	54.8	60.3	58.8	50.6
25	Park Ridge	63.3	64.2	63.9	61.8	59.8	62.1	60.8	63.5	64.4	61.6	63.9	63.7	62.7	63.0	69.1	61.8	66.7
26	Park Ridge	58.9	60.2	58.5	57.6	54.4	57.0	55.8	58.8	59.6	57.5	60.0	58.9	57.9	58.4	64.0	61.2	59.5
27	Rosemont	70.2	70.4	71.1	69.2	66.4	69.1	67.4	70.2	70.7	68.6	70.1	69.6	70.2	69.6	73.0	67.6	70.2
28	Schiller Park	75.4	--	73.0	--	75.3	74.4	74.0	75.3	75.8	74.8	75.6	74.7	75.0	74.9	79.6	78.7	67.9
29	Wood Dale	66.8	67.0	67.1	66.5	64.2	65.7	64.9	67.9	67.8	66.9	67.8	67.2	67.8	66.8	n/a	n/a	65.1
30	Wood Dale	54.9	56.4	57.5	58.5	--	59.0	58.9	58.2	58.1	58.8	58.2	57.9	55.0	58.0	n/a	n/a	58.5
32	Wood Dale	66.0	65.4	65.2	66.1	66.2	65.1	65.4	63.7	64.6	66.6	65.6	66.3	66.9	65.6	71.2	66.4	63.8
33	Park Ridge	62.6	62.9	63.4	62.7	61.4	61.8	61.4	61.6	62.5	63.7	63.5	63.8	62.7	62.7	n/a	n/a	61.9
34	Elk Grove Village	61.7	59.8	57.9	59.3	57.7	57.1	57.7	56.9	58.1	60.8	58.6	59.5	65.6	59.0	66.3	61.2	61.4
35	Unincorporated Cook	59.0	60.4	58.8	59.5	58.5	59.0	57.5	57.0	57.5	58.5	58.5	59.5	57.4	58.7	70.8	65.4	54.7
37	Mount Prospect	58.7	58.6	51.1	52.1	47.7	47.6	46.9	47.3	50.4	52.6	55.9	55.8	50.3	54.0	55.1	57.0	50.5
42	Chicago	61.1	60.7	61.7	59.1	57.3	57.7	57.9	58.0	58.7	59.4	60.0	59.9	59.7	59.5	n/a	n/a	n/a

-- Data unavailable.

n/a - Not Applicable

1. Red represents an increase of 1 dB or more from the same month of the previous year (11 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (7 monitors).
2. Red represents an increase of 1 dB or more from the modeled 1997 noise contour level (0 monitors). Green represents a decrease of 1dB or more from the modeled 1997 noise contour level (29 monitors).
3. The following 2 monitor days were excluded due to high community noise values: Site 5 (5); Site 28 (7).
4. The following 4 monitor days were not available due to malfunction: Site 7 (28); Site 30 (1-3).
5. Data is included for all days where data is collected for greater than 90% of the day.