

**Aircraft Noise Report**

Chicago O'Hare International Airport

Period: May 2017

Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels											Last May 16	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values	
		Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	Mar 17	Apr 17						May <sup>1</sup> 17
1	Arlington Heights	56.7	56.0	58.2	57.9	56.5	54.7	55.2	56.1	54.0	57.2	59.6	55.8	56.7	56.8	63.0	63.0	50.5
2	Melrose Park	59.1	58.2	58.6	60.8	62.1	56.3	46.0	50.1	53.9	57.3	57.6	63.0	59.9	58.7	63.4	61.0	50.3
3	Bensenville	63.6	64.2	63.4	64.5	65.0	65.9	64.6	63.8	63.7	63.4	64.2	64.2	64.0	64.3	71.3	67.3	64.9
4	Schiller Park	59.4	58.6	60.9	58.3	59.5	60.8	56.4	55.3	55.8	56.9	58.1	57.8	58.9	58.5	62.6	62.6	58.8
5	Chicago	61.1	61.0	61.4	60.0	60.3	60.5	58.6	59.2	59.1	60.9	61.8	61.3	59.8	60.5	60.8	59.8	61.9
7	Des Plaines	51.7	50.7	51.7	52.6	51.0	51.5	51.7	50.7	49.7	51.5	51.7	52.8	53.0	51.5	65.4	62.0	48.5
8	Des Plaines	55.3	54.9	56.0	57.2	57.2	57.8	55.4	55.4	54.6	55.8	59.0	59.6	55.2	56.8	70.0	68.8	60.8
10	Rolling Meadows	56.8	54.8	58.5	59.9	59.9	58.5	53.1	50.9	52.8	53.5	56.7	58.7	52.7	57.1	59.0	60.8	48.9
11	Chicago	55.6	55.1	54.7	54.3	56.1	54.2	51.8	52.7	52.9	54.9	55.5	55.8	56.0	54.6	60.9	60.7	50.3
12	Elk Grove Village	64.1	59.2	64.2	59.0	59.7	61.5	60.6	61.2	60.4	62.4	64.6	61.9	61.6	62.0	66.7	62.1	57.6
13	Elk Grove Village	68.5	67.9	69.2	68.1	68.3	66.1	63.7	64.4	64.5	67.1	67.3	67.3	67.9	67.2	80.0	77.6	64.6
14	Elk Grove Village	59.7	58.9	59.0	60.7	58.2	59.4	60.6	59.5	58.8	60.1	60.3	58.5	60.3	59.6	67.6	65.7	54.5
15	Franklin Park	52.7	52.8	55.6	53.0	56.1	55.8	52.4	55.0	50.3	53.5	54.1	54.4	54.0	54.1	64.1	62.6	53.6
16	Franklin Park	61.4	62.5	63.1	62.4	65.2	65.0	64.7	62.3	62.3	61.6	62.2	63.0	61.4	63.2	72.2	72.1	63.4
17	Harwood Heights	63.8	63.6	64.5	65.3	62.8	61.9	63.1	62.4	62.6	63.2	64.6	63.2	62.8	63.5	66.4	65.4	57.9
19	Stone Park	53.9	54.5	55.9	55.8	54.2	54.7	54.0	52.6	54.4	52.6	53.7	54.2	53.8	54.3	64.7	61.7	51.6
20	Mount Prospect	55.1	54.0	55.2	54.4	53.2	53.9	51.8	51.2	51.4	52.5	53.7	53.1	53.9	53.5	63.5	62.4	49.1
21	Mount Prospect	49.4	53.9	56.1	52.6	53.7	50.0	52.8	48.4	49.6	49.1	53.3	52.3	49.0	52.4	59.6	58.6	53.6
22	Norridge	66.5	66.5	66.3	66.3	64.8	63.9	65.2	64.9	64.6	66.0	66.9	66.4	65.8	65.8	69.2	67.7	59.2
23	Northlake	62.2	62.9	62.7	63.4	63.3	63.9	63.0	61.5	62.0	61.3	61.9	62.2	61.5	62.6	73.5	69.1	59.6
24	Park Ridge	55.0	53.5	57.1	55.8	54.3	53.2	49.6	52.0	50.9	54.4	56.5	57.1	55.3	54.7	60.3	58.8	50.6
25	Park Ridge	64.2	62.7	63.3	64.2	63.9	61.8	59.8	62.1	60.8	63.5	64.4	63.9	64.4	63.1	69.1	61.8	66.7
26	Park Ridge	59.4	57.9	58.9	60.2	58.5	57.6	54.4	57.0	55.8	58.8	59.6	59.9	59.8	58.4	64.0	61.2	59.5
27	Rosemont	71.3	70.2	70.2	70.4	71.1	69.2	66.4	69.1	67.4	70.2	70.7	70.6	71.2	69.9	73.0	67.6	70.2
28	Schiller Park	74.8	75.0	75.4	--	73.0	--	75.3	74.4	74.0	75.3	75.8	75.2	68.7	74.9	79.6	78.7	67.9
29	Wood Dale	67.7	67.8	66.8	67.0	67.1	66.5	64.2	65.7	64.9	67.9	67.8	68.0	68.1	67.0	n/a	n/a	65.1
30	Wood Dale	57.0	55.0	54.9	56.4	57.5	58.5	--	59.0	58.9	58.2	58.1	57.7	56.9	57.6	n/a	n/a	58.5
32	Wood Dale	65.7	66.9	66.0	65.4	65.2	66.1	66.2	65.1	65.4	63.7	64.6	64.8	64.2	65.5	71.2	66.4	63.8
33	Park Ridge	62.6	62.7	62.6	62.9	63.4	62.7	61.4	61.8	61.4	61.6	62.5	63.6	62.0	62.5	n/a	n/a	61.9
34	Elk Grove Village	65.0	65.6	61.7	59.8	57.9	59.3	57.7	57.1	57.7	56.9	58.1	58.6	61.1	60.7	66.3	61.2	61.4
35	Unincorporated Cook	57.4	57.4	59.0	60.4	58.8	59.5	58.5	59.0	57.5	57.0	57.5	58.1	57.3	58.5	70.8	65.4	54.7
37	Mount Prospect	50.6	50.3	58.7	58.6	51.1	52.1	47.7	47.6	46.9	47.3	50.4	54.4	49.2	53.3	55.1	57.0	50.5
42	Chicago	59.4	59.7	61.1	60.7	61.7	59.1	57.3	57.7	57.9	58.0	58.7	59.5	58.6	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 (10 monitors). Green represents a decrease of 1dB or more from the same month of the previous year (3 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 5 monitor days were excluded due to high community noise values: Site 2 (22); Site 3 (22); Site 5 (30); Site 12 (1, 17-18).
4. The following 12 monitor days were not available due to malfunction: Site 1 (9-10); Site 3 (24); Site 10 (18); Site 13 (28-30); Site 20 (18-19); Site 21 (18); Site 22 (1-2).
5. Data is included for all days where data is collected for greater than 90% of the day.