

**Aircraft Noise Report (1 of 2)**

Chicago O'Hare International Airport

Period: January 2020

Metric: Aircraft DNL



Site #	Community	Last 12 Months of Monitored Noise Levels											Last Jan 19	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Feb 19	Mar 19	Apr 19	May 19	June 19	July 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19						Jan <sup>1</sup> 20
1	Arlington Heights	57.0	50.5	54.5	--	--	54.9	54.0	53.4	53.8	52.2	52.2	<b>51.0</b>	54.7	<b>53.7</b>	63.0	63.0	50.5
2	Melrose Park	53.4	53.9	56.1	55.4	54.6	54.7	54.8	54.9	53.6	53.1	51.1	<b>50.5</b>	52.5	<b>54.1</b>	63.4	61.0	50.3
3	Bensenville	63.9	65.0	64.6	64.9	65.0	64.0	64.7	64.5	65.4	65.5	65.1	<b>64.6</b>	64.6	<b>64.8</b>	71.3	67.3	64.9
4	Schiller Park	56.1	56.6	57.0	58.2	57.8	56.0	57.0	56.8	56.6	55.7	54.8	<b>54.3</b>	55.4	<b>56.5</b>	62.6	62.6	58.8
5	Chicago	57.6	59.0	59.7	59.7	59.0	58.3	58.4	58.5	58.0	58.4	57.5	<b>56.3</b>	57.8	<b>58.5</b>	60.8	59.8	61.9
7	Des Plaines	53.4	52.7	52.9	54.0	53.4	53.3	53.7	51.9	52.8	52.4	52.3	<b>50.8</b>	52.0	<b>52.9</b>	65.4	62.0	48.5
8	Des Plaines	58.0	58.7	57.9	58.1	57.1	56.2	56.1	57.4	58.1	60.6	58.4	<b>57.7</b>	56.9	<b>58.0</b>	70.0	68.8	60.8
10	Rolling Meadows	45.8	47.6	48.1	48.6	49.9	50.3	49.0	49.4	50.0	47.4	48.8	<b>46.8</b>	45.5	<b>48.7</b>	59.0	60.8	48.9
11	Chicago	53.3	54.6	55.6	56.1	55.7	55.8	54.9	55.1	54.3	53.7	53.1	<b>53.5</b>	53.3	<b>54.8</b>	60.9	60.7	50.3
12	Elk Grove Village	--	57.5	59.5	60.3	--	58.8	59.2	59.4	59.7	58.5	57.5	<b>57.1</b>	59.3	<b>58.9</b>	66.7	62.1	57.6
13	Elk Grove Village	64.5	63.4	65.3	65.7	66.0	65.3	66.0	64.4	65.0	62.7	61.5	<b>62.8</b>	62.6	<b>64.6</b>	80.0	77.6	64.6
14	Elk Grove Village	58.0	57.7	57.2	56.3	54.9	55.9	56.8	54.9	56.3	55.2	55.7	<b>54.9</b>	57.1	<b>56.3</b>	67.6	65.7	54.5
15	Franklin Park	53.0	52.5	53.1	53.8	52.5	51.8	51.3	53.2	52.5	51.7	50.3	<b>51.6</b>	52.8	<b>52.4</b>	64.1	62.6	53.6
16	Franklin Park	63.7	65.2	64.1	62.4	63.8	63.3	64.0	65.4	66.5	66.4	66.1	<b>64.8</b>	64.5	<b>64.8</b>	72.2	72.1	63.4
17	Harwood Heights	61.3	62.8	62.4	63.7	62.8	62.6	62.6	62.8	62.6	61.1	61.5	<b>59.9</b>	61.3	<b>62.3</b>	66.4	65.4	57.9
18	Norridge	58.3	59.9	60.9	60.9	60.7	60.6	59.9	59.4	59.7	58.6	58.7	<b>57.6</b>	57.8	<b>59.7</b>	n/a	n/a	n/a
19	Stone Park	55.6	56.1	56.2	56.0	55.4	53.9	55.2	56.7	57.1	57.4	56.4	<b>55.6</b>	55.5	<b>56.0</b>	64.7	61.7	51.6

-- Data unavailable. n/a - Not Applicable

1. **Red** represents an increase of 1 dB or more from the same month of the previous year (1 monitor). **Green** represents a decrease of 1dB or more from the same month of the previous year (9 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 (16 monitors).

3. The following 2 monitor-days were excluded due to high community noise values: Site 14 (18-19).

4. The following 40 monitor-days were not available due to malfunction: All (11,31); Site 11 (23-24); Site 16 (21-24).

5. Data is included for all days where data is collected for greater than 90% of the day.

**Aircraft Noise Report (2 of 2)**

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Site #	Community	Last 12 Months of Monitored Noise Levels											Last Jan 19	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Feb 19	Mar 19	Apr 19	May 19	June 19	July 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19						Jan <sup>1</sup> 20
20	Mount Prospect	52.5	53.1	53.0	54.3	54.4	53.4	53.2	54.9	55.7	53.8	54.4	52.1	--	53.6	63.5	62.4	49.1
21	Mount Prospect	51.7	51.4	52.5	53.0	52.9	51.7	51.4	51.5	51.2	50.7	50.5	48.3	49.7	51.6	59.6	58.6	53.6
22	Norridge	64.1	65.4	65.6	66.9	66.4	65.8	65.9	66.0	65.4	64.3	64.3	62.7	64.3	65.4	69.2	67.7	59.2
23	Northlake	62.1	64.4	63.5	61.7	62.7	61.8	62.0	62.3	64.1	64.1	63.7	62.4	62.7	63.0	73.5	69.1	59.6
24	Park Ridge	55.8	59.2	62.6	--	--	--	--	54.3	58.6	58.2	--	--	53.7	58.9	60.3	58.8	50.6
25	Park Ridge	62.9	62.8	65.0	65.2	64.9	63.9	65.4	64.9	63.4	61.7	60.1	61.4	61.4	63.8	69.1	61.8	66.7
26	Park Ridge	58.4	59.3	59.4	61.1	60.6	59.1	59.4	58.6	59.1	58.5	58.1	57.7	56.7	59.2	64.0	61.2	59.5
27	Rosemont	70.1	69.9	70.9	71.9	71.8	70.4	71.2	69.5	70.0	68.4	66.6	--	68.1	70.3	73.0	67.6	70.2
28	Schiller Park	72.6	73.8	74.0	74.9	74.9	74.6	75.2	74.4	73.7	72.8	71.6	71.2	73.5	73.8	79.6	78.7	67.9
29	Wood Dale	66.5	66.5	67.5	68.4	68.5	67.5	68.4	67.3	67.1	65.5	64.7	65.3	65.0	67.1	n/a	n/a	65.1
30	Wood Dale	57.0	56.6	57.9	58.4	57.3	56.6	56.7	56.8	58.1	58.3	58.9	57.8	56.1	57.6	n/a	n/a	58.5
31	Bensenville	70.9	70.7	71.3	72.9	72.9	71.9	72.2	71.3	71.6	70.2	69.9	70.3	69.1	71.4	n/a	n/a	n/a
32	Wood Dale	63.4	64.4	64.0	64.8	64.9	64.5	63.5	65.2	65.8	64.6	65.3	63.7	62.9	64.6	71.2	66.4	63.8
33	Park Ridge	64.6	65.0	65.0	64.5	64.7	63.9	63.2	64.1	63.7	54.7	52.7	--	64.3	63.5	n/a	n/a	61.9
34	Elk Grove Village	57.2	57.7	58.2	58.6	58.0	--	56.1	54.6	59.8	58.3	--	57.1	56.4	57.8	66.3	61.2	61.4
35	Unincorporated Cook	56.9	58.3	57.8	57.0	57.2	58.0	57.9	56.4	58.4	59.4	59.0	57.2	56.2	57.9	70.8	65.4	54.7
37	Mount Prospect	52.0	51.5	52.7	53.2	50.6	52.7	52.3	51.9	52.1	52.1	49.6	47.5	47.8	51.7	55.1	57.0	50.5
42	Chicago	57.2	58.5	58.0	59.4	59.3	58.3	58.5	58.8	58.9	58.0	58.4	57.5	56.6	58.4	n/a	n/a	n/a
44	Itasca	64.8	64.4	65.8	66.7	66.5	65.1	66.3	64.0	64.8	62.8	60.5	62.9	62.7	64.9	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 (4 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 (13 monitors).

3. The following 128 monitor-days were not available due to malfunction: All (11,31); Site 24 (all); Site 27 (all); Site 33 (all); Site 34 (1-2); Site 37 (13).

4. Data is included for all days where data is collected for greater than 90% of the day.