

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

Chicago O'Hare International Airport

Period: June 2020

Metric: Aircraft DNL



Site #	Community	Last 12 Months of Monitored Noise Levels												Last Jun 19	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values
		Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun <sup>1</sup> 20					
1	Arlington Heights	54.9	54.0	53.4	53.8	52.2	52.2	51.0	55.3	49.8	52.3	49.2	<b>48.4</b>	--	<b>52.7</b>	63.0	63.0	50.5
2	Melrose Park	54.7	54.8	54.9	53.6	53.1	51.1	50.5	53.0	54.1	46.3	48.2	<b>48.1</b>	54.6	<b>52.7</b>	63.4	61.0	50.3
3	Bensenville	64.0	64.7	64.5	65.4	65.5	65.1	64.6	64.4	63.8	60.3	58.9	<b>59.9</b>	65.0	<b>63.9</b>	71.3	67.3	64.9
4	Schiller Park	56.0	57.0	56.8	56.6	55.7	54.8	54.3	55.2	56.1	48.2	50.9	<b>52.3</b>	57.8	<b>55.1</b>	62.6	62.6	58.8
5	Chicago	58.3	58.4	58.5	58.0	58.4	57.5	56.3	55.0	56.5	50.2	51.5	<b>52.3</b>	59.0	<b>56.7</b>	60.8	59.8	61.9
7	Des Plaines	53.3	53.7	51.9	52.8	52.4	52.3	50.8	52.7	52.6	48.0	47.5	<b>47.6</b>	53.4	<b>51.8</b>	65.4	62.0	48.5
8	Des Plaines	56.2	56.1	57.4	58.1	60.6	58.4	57.7	57.3	58.7	52.2	52.8	<b>51.9</b>	57.1	<b>57.1</b>	70.0	68.8	60.8
10	Rolling Meadows	50.3	49.0	49.4	50.0	47.4	48.8	46.8	46.5	46.6	45.5	45.4	<b>44.8</b>	49.9	<b>47.9</b>	59.0	60.8	48.9
11	Chicago	55.8	54.9	55.1	54.3	53.7	53.1	53.5	54.1	54.1	50.4	51.7	<b>51.3</b>	55.7	<b>53.8</b>	60.9	60.7	50.3
12	Elk Grove Village	58.8	59.2	59.4	59.7	58.5	57.5	57.1	57.3	57.1	50.1	51.1	<b>51.5</b>	--	<b>57.4</b>	66.7	62.1	57.6
13	Elk Grove Village	65.3	66.0	64.4	65.0	62.7	61.5	62.8	62.9	62.3	51.6	55.7	<b>56.8</b>	66.0	<b>62.8</b>	80.0	77.6	64.6
14	Elk Grove Village	55.9	56.8	54.9	56.3	55.2	55.7	54.9	55.8	57.5	53.7	49.8	<b>49.4</b>	54.9	<b>55.2</b>	67.6	65.7	54.5
15	Franklin Park	51.8	51.3	53.2	52.5	51.7	50.3	51.6	51.2	53.4	47.3	46.7	<b>48.9</b>	52.5	<b>51.3</b>	64.1	62.6	53.6
16	Franklin Park	63.3	64.0	65.4	66.5	66.4	66.1	64.8	63.9	66.0	59.4	58.3	<b>58.8</b>	63.8	<b>64.4</b>	72.2	72.1	63.4
17	Harwood Heights	62.6	62.6	62.8	62.6	61.1	61.5	59.9	59.8	62.1	59.9	59.1	<b>58.9</b>	62.8	<b>61.3</b>	66.4	65.4	57.9
18	Norridge	60.6	59.9	59.4	59.7	58.6	58.7	57.6	57.5	58.5	54.9	56.1	<b>57.2</b>	60.7	<b>58.5</b>	n/a	n/a	n/a
19	Stone Park	53.9	55.2	56.7	57.1	57.4	56.4	55.6	54.8	55.8	47.4	46.6	<b>45.4</b>	55.4	<b>54.9</b>	64.7	61.7	51.6

-- Data unavailable.

n/a - Not Applicable

- Red** represents an increase of 1 dB or more from the same month of the previous year (0 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (15 monitors).
- 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).
- The following 7 monitor-days were excluded due to high community noise values: Site 3 (10-11); Site 15 (10,20,27); Site 19 (19,27).
- The following 12 monitor-days were not available due to malfunction: Site 3 (26-30); Site 4 (9); Site 15 (1-2,4); Site 19 (9-11).
- Data is included for all days where data is collected for greater than 90% of the day.

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Site #	Community	Last 12 Months of Monitored Noise Levels											Last Jun 19	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values	
		Jul 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20						Jun <sup>1</sup> 20
20	Mount Prospect	53.4	53.2	54.9	55.7	53.8	54.4	52.1	51.3	52.5	50.1	49.1	50.3	54.4	53.0	63.5	62.4	49.1
21	Mount Prospect	51.7	51.4	51.5	51.2	50.7	50.5	48.3	48.6	49.2	45.3	43.6	46.9	52.9	49.7	59.6	58.6	53.6
22	Norridge	65.8	65.9	66.0	65.4	64.3	64.3	62.7	62.2	64.4	63.7	62.8	63.1	66.4	64.4	69.2	67.7	59.2
23	Northlake	61.8	62.0	62.3	64.1	64.1	63.7	62.4	61.7	61.5	51.5	51.2	41.7	62.7	61.6	73.5	69.1	59.6
24	Park Ridge	--	--	54.3	58.6	58.2	--	--	51.9	54.0	51.2	49.6	49.8	--	54.7	60.3	58.8	50.6
25	Park Ridge	63.9	65.4	64.9	63.4	61.7	60.1	61.4	60.8	59.7	56.4	56.6	56.7	64.9	61.9	69.1	61.8	66.7
26	Park Ridge	59.1	59.4	58.6	59.1	58.5	58.1	57.7	55.9	58.0	51.9	53.2	52.7	60.6	57.5	64.0	61.2	59.5
27	Rosemont	70.4	71.2	69.5	70.0	68.4	66.6	--	--	67.9	61.7	--	59.5	71.8	68.5	73.0	67.6	70.2
28	Schiller Park	74.6	75.2	74.4	73.7	72.8	71.6	71.2	70.5	73.1	72.7	72.1	70.1	74.9	72.9	79.6	78.7	67.9
29	Wood Dale	67.5	68.4	67.3	67.1	65.5	64.7	65.3	64.8	65.5	64.0	64.7	64.6	68.5	66.0	n/a	n/a	65.1
30	Wood Dale	56.6	56.7	56.8	58.1	58.3	58.9	57.8	57.8	57.1	50.3	49.0	51.8	57.3	56.7	n/a	n/a	58.5
31	Bensenville	71.9	72.2	71.3	71.6	70.2	69.9	70.3	68.7	69.8	67.0	67.9	68.7	72.9	70.2	n/a	n/a	n/a
32	Wood Dale	64.5	63.5	65.2	65.8	64.6	65.3	63.7	62.0	63.0	59.9	58.4	58.4	64.9	63.5	71.2	66.4	63.8
33	Park Ridge	63.9	63.2	64.1	63.7	54.7	52.7	--	--	59.8	50.1	52.7	53.9	64.7	60.6	n/a	n/a	61.9
34	Elk Grove Village	--	56.1	54.6	59.8	58.3	--	57.1	56.1	56.4	54.3	52.5	--	58.0	56.6	66.3	61.2	61.4
35	Unincorporated Cook	58.0	57.9	56.4	58.4	59.4	59.0	57.2	56.5	57.0	47.7	46.5	--	57.2	57.1	70.8	65.4	54.7
37	Mount Prospect	52.7	52.3	51.9	52.1	52.1	49.6	47.5	48.0	47.8	43.9	45.3	51.0	50.6	50.3	55.1	57.0	50.5
42	Chicago	58.3	58.5	58.8	58.9	58.0	58.4	57.5	56.4	56.9	49.4	50.8	51.2	59.3	57.0	n/a	n/a	n/a
44	Itasca	65.1	66.3	64.0	64.8	62.8	60.5	62.9	59.7	63.6	60.8	62.0	62.4	66.5	63.3	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 (0 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (15 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 6 monitor-days were excluded due to high community noise values: Site 23 (8,30); Site 27 (28); Site 29 (14); Site 31 (29); Site 37 (21).
4. The following 65 monitor-days were not available due to malfunction: Site 25 (16); Site 31 (19-22); Site 34 (all); Site 35 (all).
5. Data is included for all days where data is collected for greater than 90% of the day.