

**Aircraft Noise Report**

Chicago O'Hare International Airport  
 Period: September 2015  
 Metric: Aircraft DNL



RMT #	Community	Last 12 Months Monitored Noise Levels												Last Sep 14	12 Month Average vs 1997 <sup>2</sup>	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build Out Values
		Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	Jul 15	Aug 15	Sep <sup>1</sup> 15					
		14	14	14	15	15	15	15	15	15	15	15	15					
1	Arlington Heights	51.6	51.9	52.0	51.4	50.0	54.6	55.8	52.6	54.9	57.2	58.0	<b>57.4</b>	55.4	54.7	63.0	63.0	50.5
2	Melrose Park	54.3	54.0	53.7	52.9	54.4	58.0	59.5	57.5	58.2	59.9	52.9	<b>59.5</b>	54.7	64.6	63.4	61.0	50.3
3	Bensenville	65.4	65.3	64.7	64.1	63.1	64.3	64.7	64.0	63.7	62.7	63.8	<b>62.6</b>	64.6	64.6	71.3	67.3	64.9
4	Schiller Park	55.3	52.0	53.2	51.4	51.2	54.3	55.6	--	--	57.9	--	--	55.1	62.6	62.6	62.6	58.8
5	Chicago	61.1	61.2	60.4	60.3	58.8	60.2	60.6	61.7	61.6	61.1	60.7	<b>60.0</b>	62.2	60.8	60.8	59.8	61.9
7	Des Plaines	57.3	53.0	50.9	52.7	51.9	57.0	53.4	52.1	52.7	51.9	52.4	<b>51.6</b>	55.6	65.4	65.4	62.0	48.5
8	Des Plaines	57.1	56.0	54.1	54.4	52.8	56.8	58.3	59.9	59.6	57.8	56.7	<b>55.4</b>	55.6	70.0	70.0	68.8	60.8
10	Rolling Meadows	50.7	48.5	50.0	49.5	46.8	52.7	53.8	52.0	50.7	53.1	51.0	<b>54.8</b>	52.3	59.0	59.0	60.8	48.9
11	Chicago	53.6	51.6	52.4	52.2	51.4	53.9	54.2	54.2	54.7	52.8	50.7	<b>52.2</b>	52.8	60.9	60.7	60.7	50.3
12	Elk Grove Village	63.3	59.9	64.7	62.5	56.3	57.8	64.6	62.1	61.0	59.6	59.0	<b>59.8</b>	--	66.7	62.1	62.1	57.6
13	Elk Grove Village	62.9	61.4	63.9	63.5	62.7	66.5	68.0	63.6	66.3	68.4	68.2	<b>68.3</b>	62.2	80.0	77.6	77.6	64.6
14	Elk Grove Village	54.9	57.7	54.9	56.2	53.8	57.7	62.5	57.0	57.5	60.6	60.8	<b>60.5</b>	55.3	67.6	67.6	65.7	54.5
15	Franklin Park	54.1	52.5	51.5	50.7	52.2	54.0	54.6	52.8	54.5	52.1	50.4	<b>51.8</b>	52.5	64.1	64.1	62.6	53.6
16	Franklin Park	66.7	66.0	65.5	64.8	63.0	64.8	65.9	65.4	64.2	63.9	63.7	<b>63.6</b>	64.5	72.2	72.2	72.1	63.4
17	Harwood Heights	63.8	63.7	63.3	62.6	61.2	63.4	62.6	63.7	63.0	64.1	66.0	<b>66.6</b>	64.5	66.4	65.4	65.4	57.9
19	Stone Park	56.7	54.3	51.7	51.8	51.5	54.8	54.4	54.5	54.3	54.6	56.7	<b>54.3</b>	56.6	64.7	61.7	61.7	51.6
20	Mount Prospect	51.9	53.0	51.1	51.1	50.3	53.6	54.7	52.9	53.4	54.8	56.4	<b>54.6</b>	54.1	63.5	62.4	62.4	49.1
21	Mount Prospect	48.7	51.6	47.7	49.5	47.2	47.1	52.6	49.8	48.5	52.7	52.7	<b>52.6</b>	50.2	59.6	58.6	58.6	53.6
22	Norridge	64.7	64.2	--	--	--	--	--	--	--	65.6	64.7	<b>64.8</b>	64.7	69.2	67.7	67.7	59.2
23	Northlake	64.6	63.3	63.8	62.9	62.1	63.5	63.6	64.4	64.6	66.1	65.5	<b>64.8</b>	62.7	73.5	69.1	69.1	59.6
24	Park Ridge	51.7	48.7	50.1	48.3	46.0	51.8	53.5	53.2	54.8	53.0	53.0	<b>51.6</b>	53.2	60.3	58.8	58.8	50.6
25	Park Ridge	61.7	60.2	60.3	59.6	57.9	61.0	62.3	63.3	62.8	61.6	60.6	<b>61.4</b>	60.7	69.1	61.8	61.8	66.7
26	Park Ridge	57.6	54.9	54.6	53.7	51.2	56.2	57.8	57.5	57.7	57.8	57.2	<b>56.7</b>	58.1	64.0	61.2	61.2	59.5
27	Rosemont	67.8	64.9	66.3	65.2	63.5	67.2	68.3	68.7	68.9	67.5	64.7	<b>63.4</b>	67.2	73.0	67.6	67.6	70.2
28	Schiller Park	74.4	74.5	74.5	73.6	73.4	73.4	73.7	73.9	73.4	73.2	71.0	<b>69.4</b>	73.9	79.6	78.7	78.7	67.9
29	Wood Dale	66.1	63.8	65.3	64.2	63.6	66.0	67.1	67.2	68.3	66.9	65.7	<b>66.2</b>	65.6	n/a	n/a	n/a	65.1
30	Wood Dale	57.5	57.8	57.4	56.5	55.7	56.8	56.5	55.6	55.4	55.4	55.1	<b>54.9</b>	56.1	n/a	n/a	n/a	58.5
32	Wood Dale	67.8	68.1	67.9	66.5	65.0	65.9	65.3	67.6	66.7	65.7	67.0	<b>66.3</b>	68.4	71.2	66.4	66.4	63.8
33	Park Ridge	63.4	62.5	62.0	60.3	58.9	61.6	63.2	63.5	63.1	62.8	63.4	<b>62.3</b>	62.5	n/a	n/a	n/a	61.9
34	Elk Grove Village	58.8	58.8	58.4	56.8	54.8	57.6	58.7	60.0	58.4	57.3	58.2	<b>57.6</b>	59.9	66.3	61.2	61.2	61.4
35	Unincorporated Cook	59.7	59.5	58.4	57.7	55.6	58.4	59.0	58.9	58.4	59.1	60.6	<b>58.7</b>	59.2	70.8	65.4	65.4	54.7
37	Mount Prospect	51.7	49.0	46.2	45.4	45.0	46.4	52.0	50.7	51.3	56.3	57.4	<b>52.2</b>	54.0	55.1	57.0	57.0	50.5
42	Chicago	--	--	--	--	--	--	--	--	--	56.8	56.3	<b>58.4</b>	--	n/a	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 (8 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (12 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 days were excluded due to high community noise values: Site 21 (18); Site 42 (21).
4. The following 91 days were not available due to malfunction: All Sites (29); Site 4 (1-28, 30); Site 10 (10-11, 17, 23-28); Site 13 (25-26); Site 20 (18-24); Site 27 (13-21); Site 42 (8-9).
5. Data is included for all days where data is collected for greater than 90% of the day.