

**Aircraft Noise Report**

Chicago O'Hare International Airport

Period: February 2017

Metric: Aircraft DNL



| RMT # | Community           | Last 12 Months Monitored Noise Levels |                   |        |        |        |        |        |        |        |        |        |                     | Last Feb 16 | 12 Month Average vs 1997 <sup>2</sup> | Modeled 1997 Values | Modeled 2000 Values | Modeled OMP Build Out Values |
|-------|---------------------|---------------------------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------------------|-------------|---------------------------------------|---------------------|---------------------|------------------------------|
|       |                     | Mar 16                                | Apr 16            | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb <sup>1</sup> 17 |             |                                       |                     |                     |                              |
|       |                     | 1                                     | Arlington Heights | 56.8   | 56.9   | 56.7   | 56.7   | 56.0   | 58.2   | 57.9   | 56.5   | 54.7   | 55.2                |             |                                       |                     |                     |                              |
| 2     | Melrose Park        | 52.9                                  | 56.8              | 59.9   | 59.1   | 58.2   | 58.6   | 60.8   | 62.1   | 56.3   | 46.0   | 50.1   | 53.9                | 58.0        | 57.9                                  | 63.4                | 61.0                | 50.3                         |
| 3     | Bensenville         | 63.9                                  | 64.2              | 64.0   | 63.6   | 64.2   | 63.4   | 64.5   | 65.0   | 65.9   | 64.6   | 63.8   | 63.7                | 63.6        | 64.3                                  | 71.3                | 67.3                | 64.9                         |
| 4     | Schiller Park       | 57.1                                  | 58.3              | 58.9   | 59.4   | 58.6   | 60.9   | 58.3   | 59.5   | 60.8   | 56.4   | 55.3   | 55.8                | 55.5        | 58.6                                  | 62.6                | 62.6                | 58.8                         |
| 5     | Chicago             | 59.4                                  | 60.2              | 59.8   | 61.1   | 61.0   | 61.4   | 60.0   | 60.3   | 60.5   | 58.6   | 59.2   | 59.1                | 59.6        | 60.1                                  | 60.8                | 59.8                | 61.9                         |
| 7     | Des Plaines         | 53.3                                  | 52.7              | 53.0   | 51.7   | 50.7   | 51.7   | 52.6   | 51.0   | 51.5   | 51.7   | 50.7   | 49.7                | 52.0        | 51.8                                  | 65.4                | 62.0                | 48.5                         |
| 8     | Des Plaines         | 57.1                                  | 56.1              | 55.2   | 55.3   | 54.9   | 56.0   | 57.2   | 57.2   | 57.8   | 55.4   | 55.4   | 54.6                | 54.3        | 56.1                                  | 70.0                | 68.8                | 60.8                         |
| 10    | Rolling Meadows     | 51.1                                  | 50.8              | 52.7   | 56.8   | 54.8   | 58.5   | 59.9   | 59.9   | 58.5   | 53.1   | 50.9   | 52.8                | 49.5        | 56.3                                  | 59.0                | 60.8                | 48.9                         |
| 11    | Chicago             | 53.7                                  | 54.8              | 56.0   | 55.6   | 55.1   | 54.7   | 54.3   | 56.1   | 54.2   | 51.8   | 52.7   | 52.9                | 51.1        | 54.5                                  | 60.9                | 60.7                | 50.3                         |
| 12    | Elk Grove Village   | 62.8                                  | 63.3              | 61.6   | 64.1   | 59.2   | 64.2   | 59.0   | 59.7   | 61.5   | 60.6   | 61.2   | 60.4                | 61.4        | 61.8                                  | 66.7                | 62.1                | 57.6                         |
| 13    | Elk Grove Village   | 66.9                                  | 67.7              | 67.9   | 68.5   | 67.9   | 69.2   | 68.1   | 68.3   | 66.1   | 63.7   | 64.4   | 64.5                | 65.2        | 67.2                                  | 80.0                | 77.6                | 64.6                         |
| 14    | Elk Grove Village   | 60.5                                  | 61.2              | 60.3   | 59.7   | 58.9   | 59.0   | 60.7   | 58.2   | 59.4   | 60.6   | 59.5   | 58.8                | 59.7        | 59.8                                  | 67.6                | 65.7                | 54.5                         |
| 15    | Franklin Park       | 52.3                                  | 52.3              | 54.0   | 52.7   | 52.8   | 55.6   | 53.0   | 56.1   | 55.8   | 52.4   | 55.0   | 50.3                | 50.4        | 53.9                                  | 64.1                | 62.6                | 53.6                         |
| 16    | Franklin Park       | 63.3                                  | 63.0              | 61.4   | 61.4   | 62.5   | 63.1   | 62.4   | 65.2   | 65.0   | 64.7   | 62.3   | 62.3                | 63.6        | 63.2                                  | 72.2                | 72.1                | 63.4                         |
| 17    | Harwood Heights     | 63.3                                  | 63.5              | 62.8   | 63.8   | 63.6   | 64.5   | 65.3   | 62.8   | 61.9   | 63.1   | 62.4   | 62.6                | 62.5        | 63.4                                  | 66.4                | 65.4                | 57.9                         |
| 19    | Stone Park          | 53.5                                  | 53.0              | 53.8   | 53.9   | 54.5   | 55.9   | 55.8   | 54.2   | 54.7   | 54.0   | 52.6   | 54.4                | 52.5        | 54.3                                  | 64.7                | 61.7                | 51.6                         |
| 20    | Mount Prospect      | 55.5                                  | 54.8              | 53.9   | 55.1   | 54.0   | 55.2   | 54.4   | 53.2   | 53.9   | 51.8   | 51.2   | 51.4                | 53.9        | 53.9                                  | 63.5                | 62.4                | 49.1                         |
| 21    | Mount Prospect      | 49.7                                  | 52.0              | 49.0   | 49.4   | 53.9   | 56.1   | 52.6   | 53.7   | 50.0   | 52.8   | 48.4   | 49.6                | 55.9        | 52.1                                  | 59.6                | 58.6                | 53.6                         |
| 22    | Norridge            | 65.2                                  | 65.9              | 65.8   | 66.5   | 66.5   | 66.3   | 66.3   | 64.8   | 63.9   | 65.2   | 64.9   | 64.6                | 64.9        | 65.6                                  | 69.2                | 67.7                | 59.2                         |
| 23    | Northlake           | 62.9                                  | 63.8              | 61.5   | 62.2   | 62.9   | 62.7   | 63.4   | 63.3   | 63.9   | 63.0   | 61.5   | 62.0                | 63.1        | 62.8                                  | 73.5                | 69.1                | 59.6                         |
| 24    | Park Ridge          | 57.3                                  | 54.4              | 55.3   | 55.0   | 53.5   | 57.1   | 55.8   | 54.3   | 53.2   | 49.6   | 52.0   | 50.9                | 47.9        | 54.6                                  | 60.3                | 58.8                | 50.6                         |
| 25    | Park Ridge          | 61.7                                  | 63.5              | 64.4   | 64.2   | 62.7   | 63.3   | 64.2   | 63.9   | 61.8   | 59.8   | 62.1   | 60.8                | 59.9        | 62.9                                  | 69.1                | 61.8                | 66.7                         |
| 26    | Park Ridge          | 58.3                                  | 58.3              | 59.8   | 59.4   | 57.9   | 58.9   | 60.2   | 58.5   | 57.6   | 54.4   | 57.0   | 55.8                | 54.2        | 58.3                                  | 64.0                | 61.2                | 59.5                         |
| 27    | Rosemont            | 68.3                                  | 70.1              | 71.2   | 71.3   | 70.2   | 70.2   | 70.4   | 71.1   | 69.2   | 66.4   | 69.1   | 67.4                | 66.6        | 69.8                                  | 73.0                | 67.6                | 70.2                         |
| 28    | Schiller Park       | 70.9                                  | 70.1              | 68.7   | 74.8   | 75.0   | 75.4   | --     | 73.0   | --     | 75.3   | 74.4   | 74.0                | 71.3        | 73.7                                  | 79.6                | 78.7                | 67.9                         |
| 29    | Wood Dale           | 65.4                                  | 67.5              | 68.1   | 67.7   | 67.8   | 66.8   | 67.0   | 67.1   | 66.5   | 64.2   | 65.7   | 64.9                | 63.3        | 66.7                                  | n/a                 | n/a                 | 65.1                         |
| 30    | Wood Dale           | 57.0                                  | 56.2              | 56.9   | 57.0   | 55.0   | 54.9   | 56.4   | 57.5   | 58.5   | --     | 59.0   | 58.9                | 57.0        | 57.2                                  | n/a                 | n/a                 | 58.5                         |
| 32    | Wood Dale           | 65.2                                  | 66.2              | 64.2   | 65.7   | 66.9   | 66.0   | 65.4   | 65.2   | 66.1   | 66.2   | 65.1   | 65.4                | 66.3        | 65.7                                  | 71.2                | 66.4                | 63.8                         |
| 33    | Park Ridge          | 61.3                                  | 61.9              | 62.0   | 62.6   | 62.7   | 62.6   | 62.9   | 63.4   | 62.7   | 61.4   | 61.8   | 61.4                | 62.3        | 62.3                                  | n/a                 | n/a                 | 61.9                         |
| 34    | Elk Grove Village   | 60.2                                  | 61.1              | 61.1   | 65.0   | 65.6   | 61.7   | 59.8   | 57.9   | 59.3   | 57.7   | 57.1   | 57.7                | 55.9        | 61.3                                  | 66.3                | 61.2                | 61.4                         |
| 35    | Unincorporated Cook | 57.6                                  | 58.1              | 57.3   | 57.4   | 57.4   | 59.0   | 60.4   | 58.8   | 59.5   | 58.5   | 59.0   | 57.5                | 58.0        | 58.5                                  | 70.8                | 65.4                | 54.7                         |
| 37    | Mount Prospect      | 48.9                                  | 48.7              | 49.2   | 50.6   | 50.3   | 58.7   | 58.6   | 51.1   | 52.1   | 47.7   | 47.6   | 46.9                | 46.7        | 53.0                                  | 55.1                | 57.0                | 50.5                         |
| 42    | Chicago             | 57.7                                  | 58.9              | 58.6   | 59.4   | 59.7   | 61.1   | 60.7   | 61.7   | 59.1   | 57.3   | 57.7   | 57.9                | 56.6        | 59.4                                  | 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 (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 10 (17); Site 12 (24).
4. The following 13 monitor days were not available due to malfunction: Site 13 (1, 9-10); Site 27 (12-21).
5. Data is included for all days where data is collected for greater than 90% of the day.