CDA
CHICAGO DEPARTMENT OF AVIATION

May 2021
Monthly Report

Airport Noise Management System
Chicago O'Hare International Airport

Visit the O'Hare Noise webpage on the Internet at
www.flychicago.com/oharenoise

Airport Noise Management System Monthly Report
Report Descriptions

Background

Installed in 1996, the Airport Noise Management System (ANMS) enables the City of Chicago to monitor the amount of noise being generated over the communities surrounding Chicago O'Hare International Airport (O'Hare) by the aircraft operating at the Airport. The ANMS collects, analyzes and processes data from a number of sources of information including a network of 36 noise monitors around O'Hare, Federal Aviation Administration (FAA) radar data, weather data, and noise complaints. Over 150,000 flights and 400,000 noise events are recorded by the ANMS each month for the Chicago Department of Aviation (CDA). The CDA and the O'Hare Noise Compatibility Commission (ONCC) utilize data from the ANMS to facilitate the development and management of noise abatement programs at the Airport. The following reports summarize pertinent monthly information from that data concerning the noise levels and operations at the Airport.

Aircraft Operations Summary

The chart below illustrates the trend in monthly aircraft operations at O'Hare. Total monthly operations are based on the FAA's Air Traffic Activity Data System (ATADS).

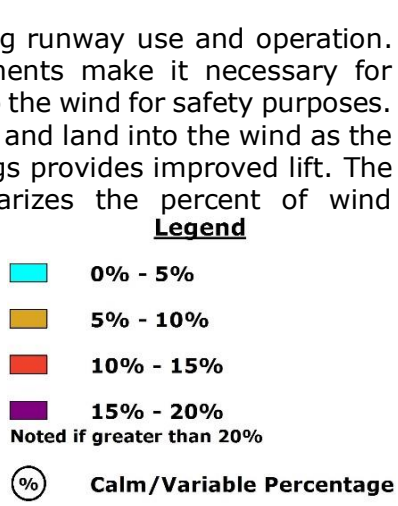
Aircraft Operations by Month										
Month	**2012**	**2013**	**2014**	**2015**	**2016**	**2017**	**2018**	**2019**	**2020**	**2021**
January	67,893	67,794	59,692	66,597	66,998	66,022	69,419	65,995	71,418	38,238
February	65,508	61,268	61,059	60,242	62,856	60,362	61,563	63,952	68,581	37,052
March	73,040	72,436	73,546	74,017	72,954	70,656	73,836	76,283	65,676	46,826
April	73,492	71,140	73,657	72,927	72,291	69,009	73,515	74,494	24,328	46,247
May	74,947	77,367	76,343	76,329	75,102	73,928	76,489	79,826	22,972	**54,443**
June	77,262	76,668	77,641	76,026	76,980	75,553	78,370	80,540	24,367	
July	78,481	81,186	83,017	79,679	76,635	77,851	82,054	81,972	41,366	
August	79,941	80,884	80,562	78,895	78,269	80,110	81,640	83,016	45,999	
September	73,561	74,803	73,884	73,560	73,383	73,613	76,666	78,342	43,760	
October	75,932	79,075	78,494	77,470	75,948	76,726	80,875	82,721	43,837	
November	70,146	71,488	71,915	70,466	69,958	71,369	73,020	75,275	43,304	
December	67,905	69,178	72,123	68,928	66,261	71,850	76,300	77,288	42,603	
Total	**878,108**	**883,287**	**881,933**	**875,136**	**867,635**	**867,049**	**903,747**	**919,704**	**538,211**	**222,806**

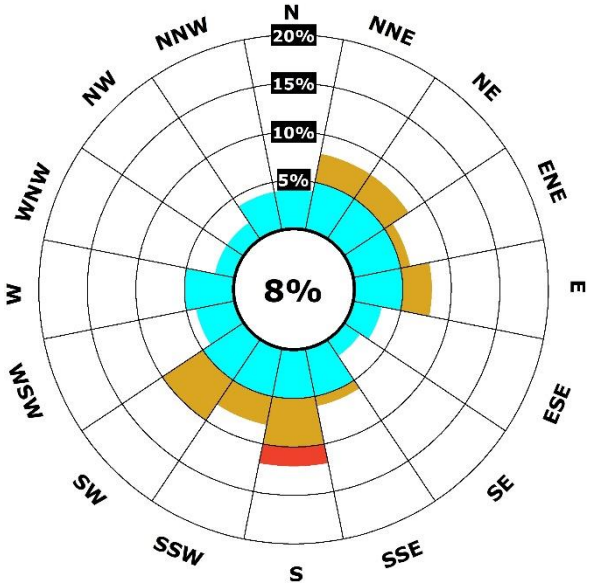
Aircraft Fleet Mix Report

The *Aircraft Fleet Mix Report* summarizes the number and type of aircraft operating at O'Hare during all hours of the day and during the nighttime hours. In 1990, Congress passed the Airport Noise and Capacity Act (ANCA) to create a more comprehensive method for regulating aircraft noise. ANCA tasked the FAA with establishing a national noise policy, as well as substituted advances in "quiet engine" technology for restrictions on airport operations. These aircraft noise standards are codified in FAA Part 36 regulations, "Noise Standards: Aircraft Type and Airworthiness Certification." Aircraft must meet Part 36 standards to receive "type" or "airworthiness" certificates to operate in the United States. There are five stages of noise standards for aircraft: Stage 1, Stage 2, Stage 3, Stage 4, and Stage 5. Currently, all aircraft operating at O'Hare and within the United States are Stage 3 or 4. These aircraft, such as the Airbus A320 and new Boeing 737's (B737), use a quieter type of engine that significantly reduces noise at the source. Stage 5 noise standards will apply to new aircraft designed, manufactured, and certificated after December 31, 2017.

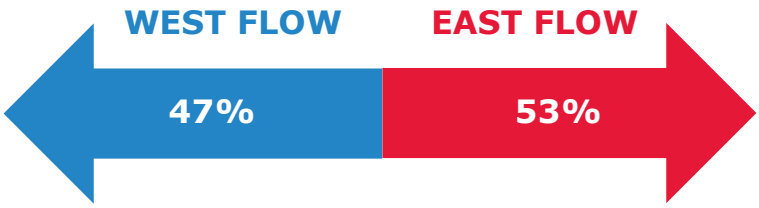
Wind Summary

Wind is a key factor influencing runway use and operation. Aircraft performance requirements make it necessary for aircraft to take off and land into the wind for safety purposes. Ideally, aircraft should take off and land into the wind as the increased airflow over the wings provides improved lift. The diagram to the right summarizes the percent of wind occurrences by direction based on hourly data from the KORD Automated Surface Observing System (ASOS), which is a joint effort of multiple government agencies.





May 2021
(24 hours)



Runway Use Report

O'Hare has eight runways that are all utilized at different times depending primarily upon the prevailing wind conditions on the airfield, as well as any runway maintenance.

The *Runway Use Report* presents the average percentage of use for each runway for the current month, the previous month, and a 12-month average. The percentage of use for departures and arrivals is shown graphically for each runway. This data is for daytime hours (7 a.m. to 10 p.m.) and for all aircraft types. Also shown is the runway use for nighttime hours (10 p.m. to 7 a.m.). Percentage is a ratio whereas a percentage point (pp) is the difference between two percentages.

Departures
Most used departure runway: **28R – 32%**
9C departures increased by **10pp** from April 2021
28R departures decreased by **12pp** from April 2021

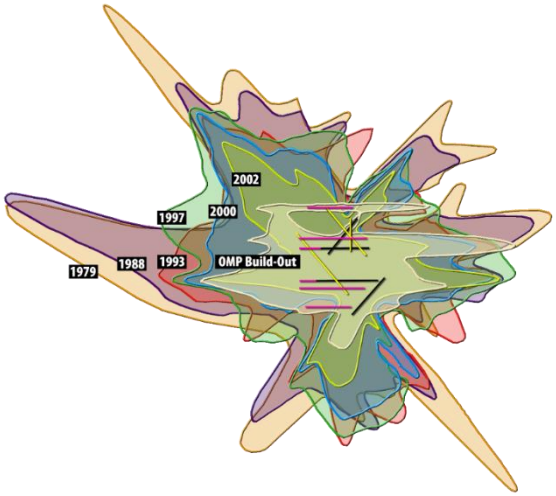
Arrivals
Most used arrival runway: **10C – 28%**
10C arrivals increased by **7pp** from April 2021
28C arrivals decreased by **12pp** from April 2021

At O'Hare, the primary runways face east to west. In east flow, aircraft depart the primary runways to the east; arriving aircraft approach from the west. Conversely, in west flow, aircraft depart the primary runways to the west and arrivals come from the east.

Due to prevailing winds, the FAA Air Traffic Control Tower can sometimes use the same runways for an extended period of time. At times one may notice a shift in the way airplanes fly over an area, and this is usually because the "flow" of air traffic has changed and different runways are in use. The above graphic represents the percentage difference between the two primary "flows" during the current month.

Aircraft Noise Report

The *Aircraft Noise Report* summarizes noise measurements from each of the 36 permanent noise monitors located around the Airport. The data presented summarizes the Day-Night Average Sound Levels (DNL's). DNL is a 24-hour time-averaged sound exposure level with a 10 decibel (dB) nighttime (10 p.m. to 7 a.m.) weighting to account for the lower background noise levels during the nighttime hours. The dataset for the current month includes 1,075 monitor-days out of a possible 1,116 monitor-days (96%).



The data display the measured aircraft DNL for each month and a comparison to the same month of the previous year and compare the current month to the 12-month average. The aircraft noise report identifies noise from the existing aircraft operations at O'Hare. The modeled values for each monitor are shown for 1997, 2000, and the OMP Build-Out Noise Contours. The aircraft noise levels for each monitor vary from month to month. This is primarily due to runways being utilized differently under changing wind conditions.

The modeled 65 DNL noise contour at O'Hare has shrunk in size consistently since 1979 (right) despite an increase in total aircraft operations because of the replacement of Stage 1 and 2 aircraft, mandated by ANCA, with Stage 3 and Stage 4 aircraft.

Noise Complaint Report

The CDA maintains a toll-free noise hotline (1-800-435-9569), an online service at www.flychicago.com/oharenoise, and a free CHI 311 mobile app for citizens to express their concerns about particular aircraft events or aircraft noise levels in general. In February 2015, a citizen group created a software script to register aircraft noise complaints via the City of Chicago's 311 site. In January 2018 the City of Chicago implemented a captcha to improve the performance of its 311 system by reducing the number of non-human submissions. On December 19, 2018, the City of Chicago launched a new software platform for service requests of all types, including aircraft noise complaints. This new platform includes multiple methods to submit a complaint including telephone, Internet, and the free CHI 311 mobile app.

The *Noise Complaint Report* summarizes the number of complaints received from households with verifiable addresses and where the households were located. The tables illustrate the method of complaints, nature of complaints, and time of complaints during the specified month. The chart below illustrates the trend in monthly complaints. These totals only include complaints made within the State of Illinois to the O'Hare Noise Hotline toll-free number, online service, or CHI 311 mobile app. Data for noise complaints made prior to December 18, 2018, is available on the CDA's website at www.flychicago.com/oharenoise.

Complaints by Month			
Month	**2019**	**2020**	**2021**
January	--[1]	32,071	15,713
February	--[1]	27,588	10,326
March	10,790	31,610	20,017
April	6,732	14,676	24,796
May	16,367	15,212	**28,085**
June	29,934	13,873	
July	37,821	18,970	
August	52,114	20,485	
September	45,407	22,284	
October	36,399	15,385	
November	30,691	16,346	
December	31,935	17,211	
Total	**298,190**	**245,711**	**98,937**

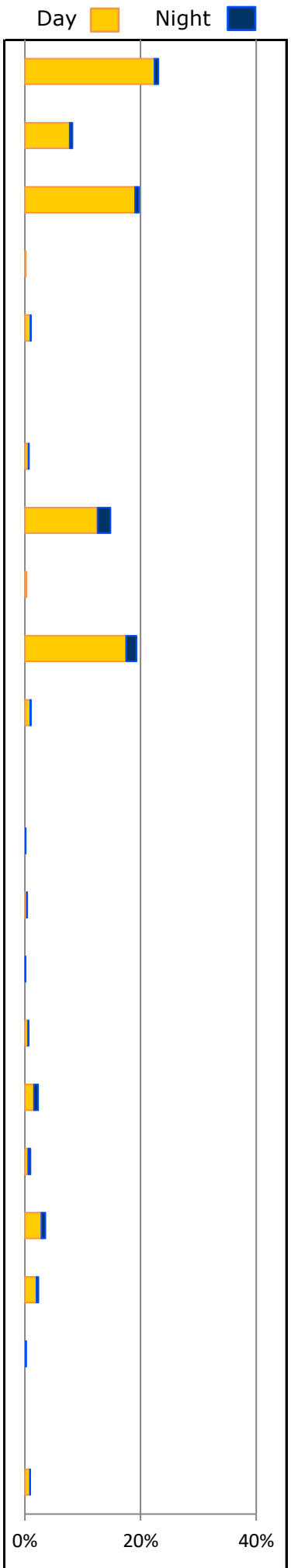
Note 1: Complaints for January 1, 2019 through February 28, 2019 are not included due to migration to the new 311 software platform.

Aircraft Fleet Mix Report
Chicago O'Hare International Airport
Period: May 2021

CDA CHICAGO DEPARTMENT OF AVIATION

Aircraft	Average Operations Per Day (All Hours)	Average Operations Per Night (10 p.m. - 7 a.m.)	Percent of Total (All Hours)	Percent of Total (10 p.m. - 7 a.m.)
Regional Aircraft				
CRJ200/700/900	402	12	23.1%	0.7%
E135/E145	143	8	8.2%	0.5%
E170/E175	344	12	19.7%	0.7%
E190	3	0	0.2%	0.0%
Turboprop Aircraft	18	1	1.0%	0.1%
Subtotal	**910**	**33**	**52.3%**	**1.9%**
Narrow-Body Aircraft				
A220	12	1	0.7%	0.1%
A319/320/321	258	39	14.8%	2.2%
B717	5	0	0.3%	0.0%
B737	336	31	19.3%	1.8%
B757	18	2	1.0%	0.1%
Subtotal	**629**	**73**	**36.1%**	**4.2%**
Wide-Body Aircraft				
A300	3	1	0.2%	0.1%
A330	7	1	0.4%	0.1%
A340	2	1	0.1%	0.1%
A350	11	1	0.6%	0.1%
B747	40	13	2.3%	0.7%
B767	17	7	1.0%	0.4%
B777	62	12	3.6%	0.7%
B787	41	6	2.4%	0.3%
MD10/11	4	2	0.2%	0.1%
Subtotal	**187**	**44**	**10.7%**	**2.5%**
General Aviation	**16**	**1**	**0.9%**	**0.1%**
Total	**1,742**	**151**	**100%**	**9%**

Percentage of Total



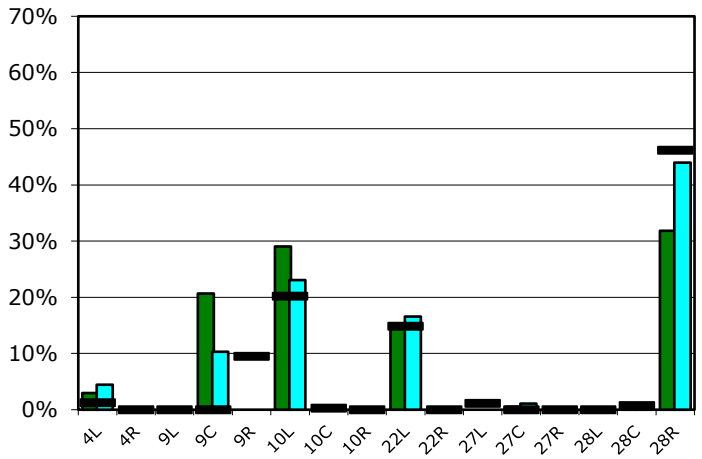
Runway Use Report
Chicago O'Hare International Airport
Period: May 2021
Time of Day: 7:00 a.m. to 10:00 p.m.

Runway Use (7 a.m. to 10 p.m.)

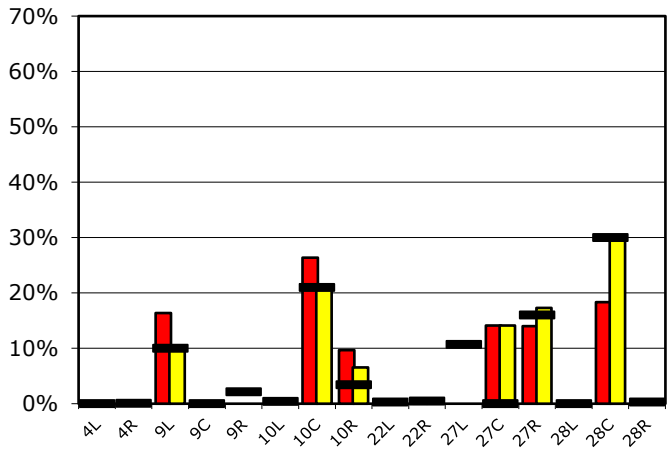
Source: Airport Noise Management System (ANMS)

	Runway Utilization															
	4L	4R	9L	9C	9R	10L	10C	10R	22L	22R	27L	27C	27R	28L	28C	28R
Average Daily Departures																
May 2021	**24**	**0**	**0**	**169**	**0**	**238**	**0**	**0**	**120**	**0**	**0**	**4**	**0**	**0**	**3**	**260**
April 2021	32	0	0	73	0	164	0	0	118	0	0	8	0	0	4	312
12 Month Average	8	0	0	n/a	58	124	2	0	91	0	7	n/a	0	0	5	282
Average Daily Arrivals																
May 2021	**0**	**0**	**126**	**2**	**0**	**1**	**204**	**75**	**3**	**3**	**0**	**109**	**108**	**0**	**141**	**0**
April 2021	0	0	67	1	0	1	137	43	3	3	0	94	115	0	200	1
12 Month Average	0	1	60	n/a	13	2	125	21	2	3	64	n/a	95	0	179	2

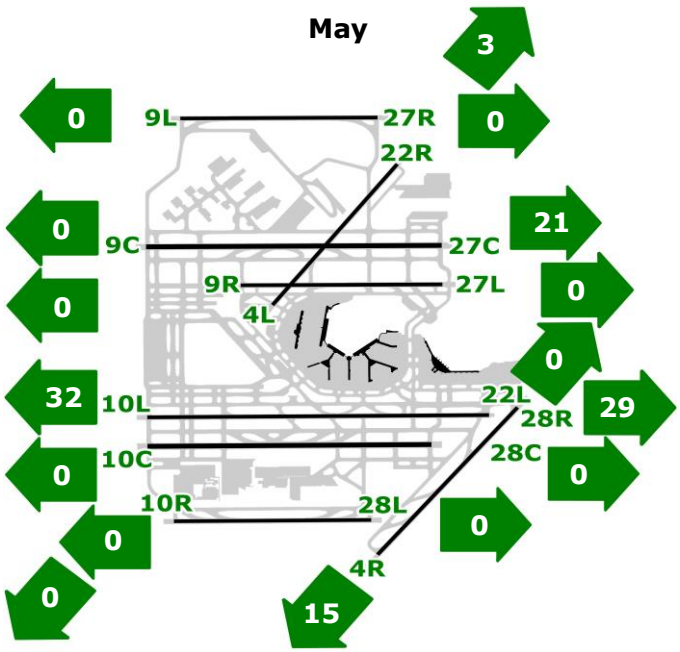
Departures (7 a.m. to 10 p.m.)



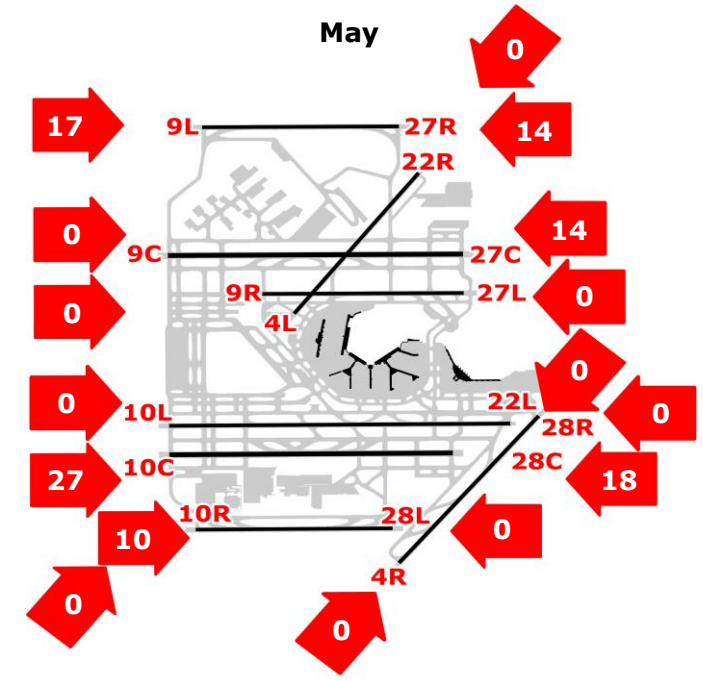
Arrivals (7 a.m. to 10 p.m.)



Percentage Departure Utilization



Percentage Arrival Utilization



Runway 9C-27C was commissioned on November 5, 2020.

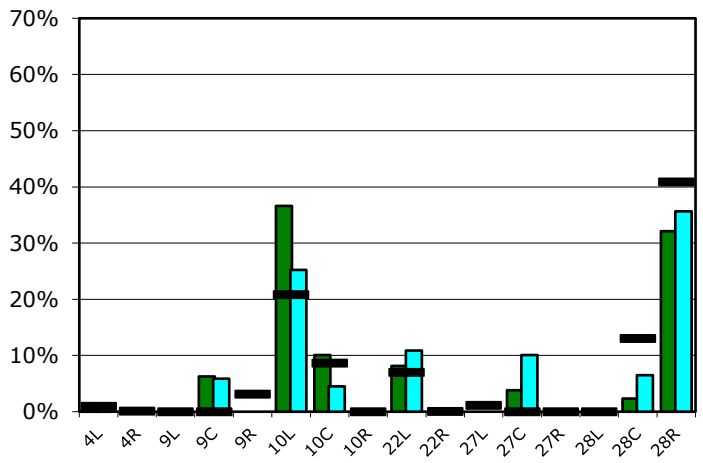
Runway Use Report
Chicago O'Hare International Airport
Period: May 2021
Time of Day: 10:00 p.m. to 7:00 a.m.

Runway Use (10 p.m. to 7 a.m.)

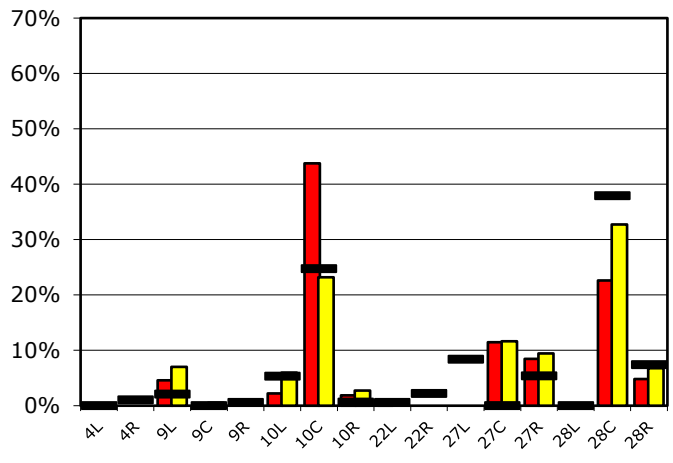
Source: Airport Noise Management System (ANMS)

	Runway Utilization															
	4L	4R	9L	9C	9R	10L	10C	10R	22L	22R	27L	27C	27R	28L	28C	28R
Average Daily Departures																
May 2021	**0**	**0**	**0**	**3**	**0**	**19**	**5**	**0**	**4**	**0**	**0**	**2**	**0**	**0**	**1**	**17**
April 2021	1	0	0	3	0	13	2	0	6	0	0	5	0	0	3	19
12 Month Average	0	0	0	n/a	1	9	4	0	3	0	0	n/a	0	0	6	18
Average Daily Arrivals																
May 2021	**0**	**0**	**5**	**0**	**0**	**2**	**44**	**2**	**0**	**0**	**0**	**11**	**8**	**0**	**23**	**5**
April 2021	0	0	7	1	0	6	23	3	0	0	0	12	9	0	33	7
12 Month Average	0	1	1	n/a	0	3	16	0	0	1	5	n/a	3	0	24	5

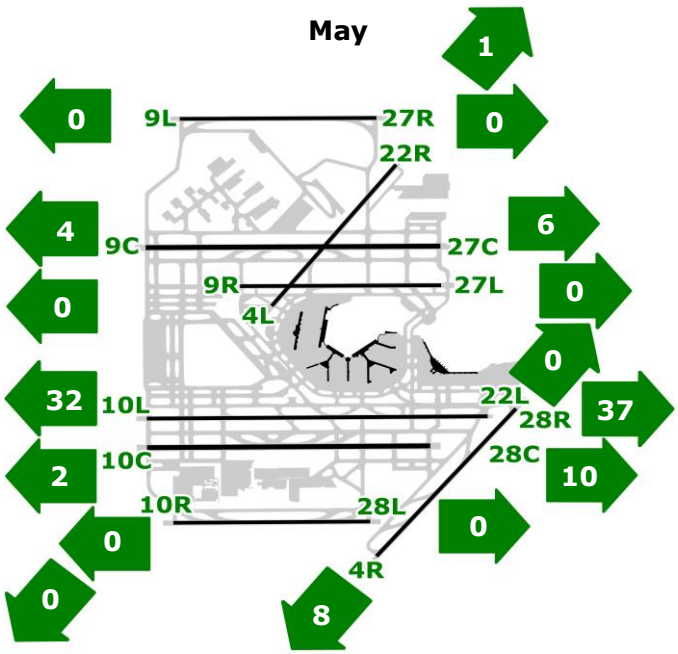
Departures (10 p.m. to 7 a.m.)



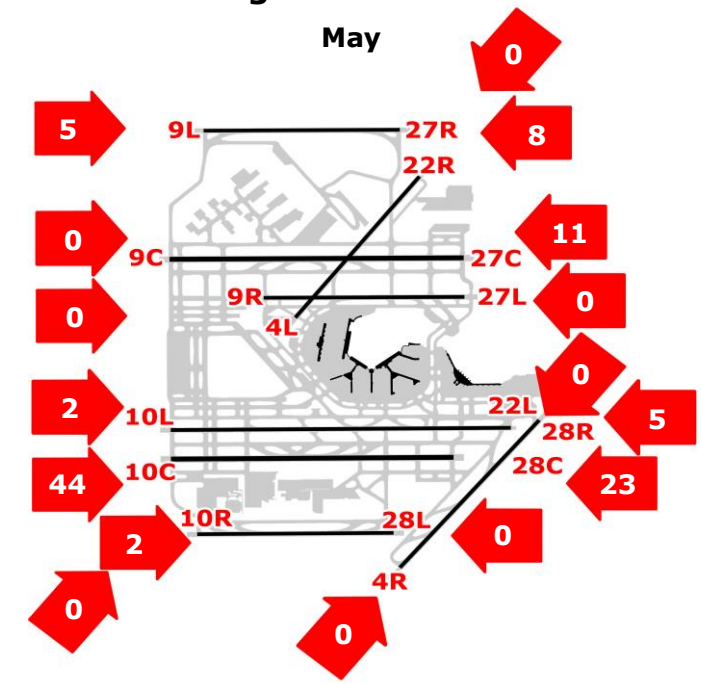
Arrivals (10 p.m. to 7 a.m.)



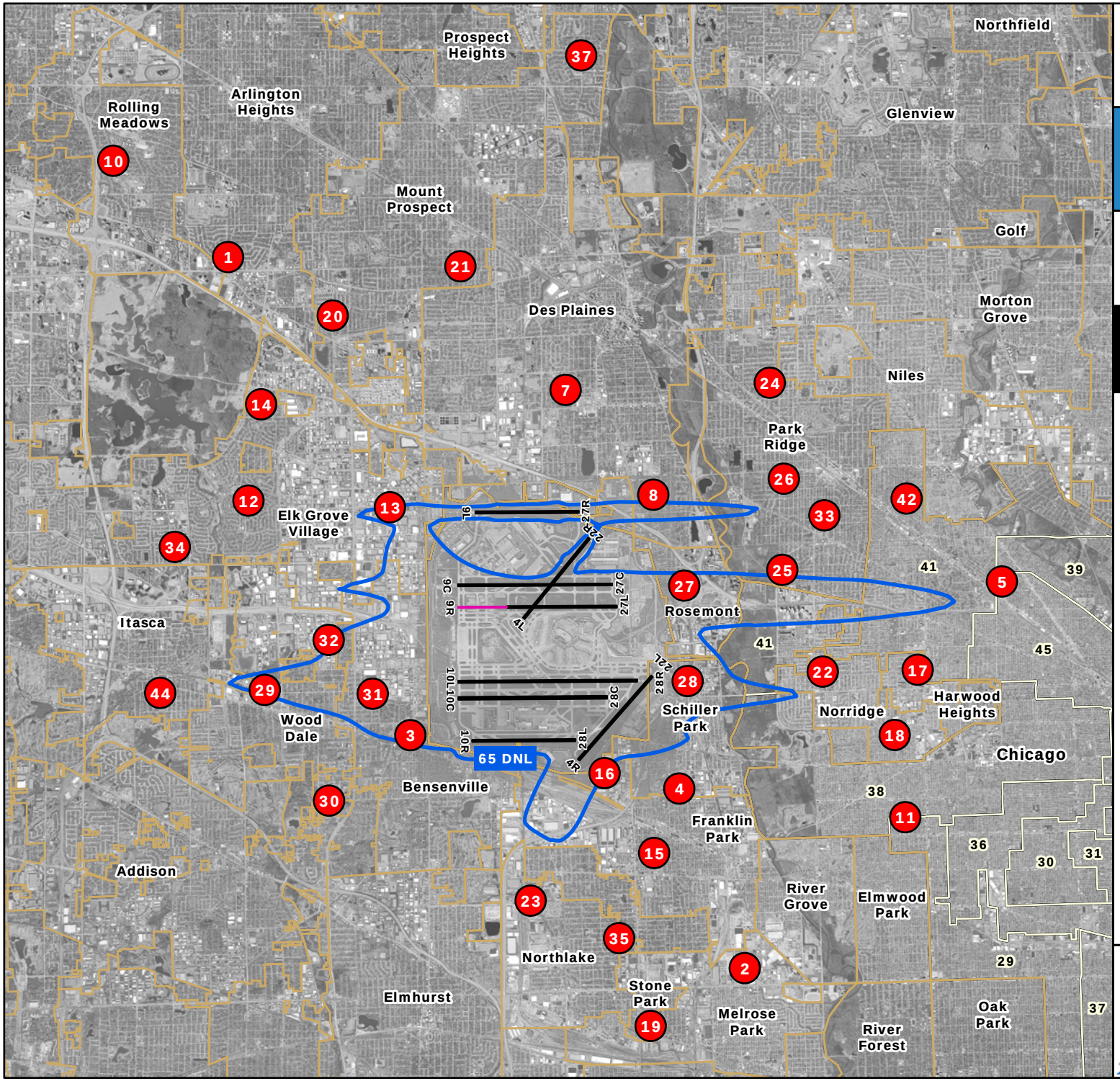
Percentage Departure Utilization



Percentage Arrival Utilization



Runway 9C-27C was commissioned on November 5, 2020.



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Chicago O'Hare International Airport

City of Chicago
Lori E. Lightfoot, Mayor
Jamie L. Rhee, Commissioner of Aviation

Permanent Noise Monitor Locations

Legend

- Permanent Noise Monitors (36)
- Existing Runways
- Future Runway
- O'Hare Modernization Program Build-Out Noise Contour (65 DNL)
- Chicago Ward Boundaries
- Community Boundaries

Miles
0 1 2

N

Date: December 9, 2020
File: ORD_RMT_Vers2.mxd

Aircraft Noise Report (1 of 2)
Chicago O'Hare International Airport
Period: May 2021
Metric: Aircraft DNL

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Site #	Community	Last 12 Months of Monitored Noise Levels												Last May 20	12 Month Average vs 1997 [2]	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values
		Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	**May [1] 21**					
1	Arlington Heights	48.4	48.9	48.3	47.3	49.3	49.8	48.3	48.1	48.6	50.5	51.1	**49.3**	49.2	**49.1**	63.0	63.0	50.5
2	Melrose Park	48.1	50.5	49.5	49.8	49.8	47.8	48.3	49.8	45.3	52.6	52.4	**53.6**	48.2	**50.3**	63.4	61.0	50.3
3	Bensenville	59.9	60.2	59.9	61.6	62.9	63.4	63.2	61.7	61.7	62.1	62.7	**62.2**	58.9	**61.9**	71.3	67.3	64.9
4	Schiller Park	52.3	53.8	53.7	53.8	52.8	51.7	52.2	52.0	50.2	55.0	54.6	**55.7**	50.9	**53.4**	62.6	62.6	58.8
5	Chicago	52.3	54.6	53.0	53.5	52.9	53.7	54.2	54.1	53.8	57.4	59.6	**59.6**	51.5	**55.7**	60.8	59.8	61.9
7	Des Plaines	47.6	49.0	49.3	50.1	49.6	48.4	49.5	49.0	47.4	51.8	51.4	**48.8**	47.5	**49.5**	65.4	62.0	48.5
8	Des Plaines	51.9	53.0	51.6	55.2	55.2	55.5	55.8	54.3	52.2	56.6	57.3	**57.7**	52.8	**55.1**	70.0	68.8	60.8
10	Rolling Meadows	44.8	46.5	46.4	46.5	46.5	48.2	46.8	44.3	45.1	47.6	49.5	**48.2**	45.4	**46.9**	59.0	60.8	48.9
11	Chicago	51.3	51.3	51.1	51.2	50.8	49.9	50.7	49.5	48.1	51.4	52.1	**53.4**	51.7	**51.1**	60.9	60.7	50.3
12	Elk Grove Village	51.5	52.8	53.8	54.1	54.1	55.1	54.0	53.8	53.1	55.8	55.6	**55.3**	51.1	**54.3**	66.7	62.1	57.6
13	Elk Grove Village	56.8	59.4	59.7	59.7	58.5	58.1	58.7	58.9	58.2	60.1	61.6	**62.2**	55.7	**59.6**	80.0	77.6	64.6
14	Elk Grove Village	49.4	51.6	52.2	51.2	53.0	53.9	52.5	51.8	52.1	53.8	53.5	**52.6**	49.8	**52.5**	67.6	65.7	54.5
15	Franklin Park	48.9	50.2	50.4	50.8	51.4	49.5	50.6	50.1	48.3	52.8	52.9	**53.9**	46.7	**51.1**	64.1	62.6	53.6
16	Franklin Park	58.8	60.1	61.2	62.0	64.5	63.4	64.2	61.9	61.5	61.0	61.8	**61.7**	58.3	**62.1**	72.2	72.1	63.4
17	Harwood Heights	58.9	61.0	60.6	59.6	60.5	60.9	62.3	--	--	--	--	**62.6**	59.1	**61.0**	66.4	65.4	57.9
18	Norridge	57.2	56.8	56.9	57.8	57.8	57.7	56.6	55.6	53.4	56.8	57.0	**57.6**	56.1	**56.9**	n/a	n/a	n/a
19	Stone Park	45.4	50.2	48.2	50.9	53.1	53.6	53.6	51.3	50.4	53.7	54.7	**54.4**	46.6	**52.3**	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 (16 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (0 monitor).
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 6 monitor-days were excluded due to high community noise values: Site 3 (28); Site 12 (27-28); Site 13 (27-28); Site 19 (22).
4. There were no monitor-days unavailable due to malfunction.
5. Data is included for all days where data is collected for greater than 90% of the day.

Aircraft Noise Report (2 of 2)
Chicago O'Hare International Airport
Period: May 2021
Metric: Aircraft DNL

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Site #	Community	Last 12 Months of Monitored Noise Levels												Last May 20	12 Month Average vs 1997 [2]	Modeled 1997 Values	Modeled 2000 Values	Modeled OMP Build-Out Values
		Jun 20	Jul 20	Aug 20	Sep 20	Oct 20	Nov 20	Dec 20	Jan 21	Feb 21	Mar 21	Apr 21	**May [1] 21**					
20	Mount Prospect	50.3	50.0	50.7	50.6	51.6	51.9	49.5	48.8	49.7	50.0	51.3	**49.2**	49.1	**50.4**	63.5	62.4	49.1
21	Mount Prospect	46.9	47.6	49.2	47.8	48.4	48.2	45.4	44.6	45.4	47.8	48.1	**47.5**	43.6	**47.4**	59.6	58.6	53.6
22	Norridge	63.1	63.9	63.2	63.0	63.9	64.7	61.3	57.1	56.3	58.0	--	**64.4**	62.8	**62.5**	69.2	67.7	59.2
23	Northlake	41.7	51.5	53.7	56.2	57.7	58.1	59.5	55.9	53.5	56.5	58.4	**57.4**	51.2	**56.4**	73.5	69.1	59.6
24	Park Ridge	49.8	50.2	50.0	50.9	50.9	50.3	51.0	49.6	46.4	52.8	51.9	**52.8**	49.6	**50.8**	60.3	58.8	50.6
25	Park Ridge	56.7	57.0	56.9	56.5	56.0	55.8	55.6	55.7	53.9	59.2	61.4	**61.3**	56.6	**57.8**	69.1	61.8	66.7
26	Park Ridge	52.7	53.3	52.7	52.8	51.1	51.8	52.0	51.2	48.7	55.3	54.5	**55.8**	53.2	**53.1**	64.0	61.2	59.5
27	Rosemont	59.5	61.7	61.5	60.1	58.8	57.8	59.0	59.2	62.0	63.4	67.6	**66.8**	--	**62.6**	73.0	67.6	70.2
28	Schiller Park	70.1	72.5	71.3	70.3	71.8	72.7	71.6	71.3	71.3	72.5	72.6	**72.3**	72.1	**71.8**	79.6	78.7	67.9
29	Wood Dale	64.6	64.7	65.5	65.1	66.6	65.6	65.5	66.2	64.4	67.2	67.0	**68.0**	64.7	**66.0**	n/a	n/a	65.1
30	Wood Dale	51.8	52.0	51.2	51.8	53.9	54.6	54.5	52.4	52.7	54.0	55.3	**54.6**	49.0	**53.4**	n/a	n/a	58.5
31	Bensenville	68.7	68.8	67.7	67.9	67.8	67.6	68.8	69.1	67.5	70.2	69.6	**70.4**	67.9	**68.8**	n/a	n/a	n/a
32	Wood Dale	58.4	59.8	61.4	60.4	61.6	62.9	63.1	61.9	62.2	62.5	62.9	**62.1**	58.4	**61.8**	71.2	66.4	63.8
33	Park Ridge	53.9	56.7	57.1	57.6	57.4	58.8	58.2	56.0	55.7	58.7	60.3	**60.4**	52.7	**57.6**	n/a	n/a	61.9
34	Elk Grove Village	--	61.6	54.6	54.2	56.0	56.9	55.8	54.5	54.4	56.4	57.3	**56.1**	52.5	**56.8**	66.3	61.2	61.4
35	Unincorporated Cook	--	46.1	47.8	51.5	54.0	54.3	54.8	52.0	50.8	53.7	55.1	**54.7**	46.5	**53.0**	70.8	65.4	54.7
37	Mount Prospect	51.0	51.9	51.6	50.9	50.4	51.8	50.1	48.1	43.6	44.1	43.6	**44.4**	45.3	**49.5**	55.1	57.0	50.5
42	Chicago	51.2	52.9	53.0	54.0	53.3	54.3	53.6	52.4	51.8	54.3	56.0	**56.5**	50.8	**53.9**	n/a	n/a	n/a
44	Itasca	62.4	62.7	62.3	62.3	62.0	60.6	60.4	60.9	58.4	62.5	62.0	**63.4**	62.0	**61.8**	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 (15 monitors). **Green** represents a decrease of 1dB or more from the same month of the previous year (0 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 26 monitor-days were excluded due to high community noise values: Site 20 (2); Site 21 (27); Site 25 (26-28); Site 26 (27); Site 27 (2-3,21,26); Site 28 (17,22,24-25); Site 29 (27-28); Site 31 (27-28); Site 32 (1); Site 33 (1-2); Site 34 (1); Site 37 (27-28); Site 44 (27-28).
4. The following 10 monitor-days were not available due to malfunction: Site 22 (1-7,30-31); Site 30 (28).
5. Data is included for all days where data is collected for greater than 90% of the day.

Noise Complaint Report
Chicago O'Hare International Airport
Period: May 2021
Time of Day: All hours

CDA
CHICAGO DEPARTMENT OF AVIATION

Community[1]	Households			Total Complaints
	Mar 21	Apr 21	May 21	May 21
Addison	1	1	**1**	1
Algonquin	--	--	**--**	--
Arlington Heights	6	8	**9**	119
Barrington Hills	--	--	**--**	--
Bartlett	3	4	**6**	983
Batavia	--	--	**1**	1
Bensenville	5	6	**3**	4
Berkeley	1	--	**--**	--
Berwyn	--	--	**--**	--
Bloomingdale	6	3	**4**	235
Brookfield	--	--	**--**	--
Buffalo Grove	1	1	**--**	--
Carol Stream	1	1	**2**	3
Carpentersville	1	1	**1**	31
Chicago	92	141	**146**	5,401
Ward 38	6	7	**11**	169
Ward 39	12	19	**24**	2,300
Ward 40	3	7	**8**	30
Ward 41	41	69	**72**	1,994
Ward 45	8	19	**12**	89
Ward Other	22	20	**19**	819
Deerfield	--	--	**--**	--
Des Plaines	20	10	**9**	98
Elburn	--	--	**--**	--
Elgin	4	4	**3**	909
Elk Grove Village	13	14	**11**	507
Elmhurst	17	12	**8**	193
Elmwood Park	--	--	**--**	--
Evanston	1	1	**2**	481
Forest Park	--	--	**--**	--
Franklin Park	2	1	**1**	1
Geneva	--	--	**2**	2
Gilberts	1	1	**1**	785
Glen Ellyn	--	--	**--**	--
Glencoe	--	--	**--**	--
Glenview	10	5	**7**	276
Gurnee	--	--	**--**	--
Hampshire	1	1	**1**	104
Hanover Park	2	2	**2**	217
Harwood Heights	2	2	**2**	2
Hillside	1	1	**1**	4
Hinsdale	--	--	**--**	--
Hoffman Estates	1	1	**1**	10
Itasca	9	9	**10**	5,349
La Grange	--	--	**1**	1
La Grange Park	--	1	**1**	1
Lincolnwood	1	1	**2**	61
Lombard	2	2	**1**	480
Maywood	--	1	**--**	--
Medinah	2	2	**2**	4
Melrose Park	--	--	**--**	--
Morton Grove	1	1	**--**	--
Mount Prospect	--	1	**--**	--
Mundelein	1	1	**1**	11
Niles	4	6	**5**	2,796
Norridge	9	6	**8**	116
Northbrook	1	1	**1**	3
Northfield	--	--	**--**	--
Northlake	--	--	**--**	--
Oak Park	--	--	**--**	--
Palatine	1	2	**2**	6
Park Ridge	58	69	**94**	5,079
Prospect Heights	--	--	**--**	--
River Forest	--	--	**--**	--
River Grove	--	--	**1**	1
Riverside	--	--	**--**	--
Rolling Meadows	--	--	**--**	--
Roselle	2	2	**2**	161
Rosemont	22	23	**18**	190
Schaumburg	3	6	**2**	67
Schiller Park	7	7	**6**	39
Skokie	1	1	**1**	137
Sleepy Hollow	--	--	**--**	--
South Barrington	--	--	**--**	--
South Elgin	1	1	**1**	75
South Holland	--	--	**--**	--
St. Charles	1	2	**6**	14
Unincorporated Cook	--	--	**--**	--
Vernon Hills	--	--	**--**	--
Villa Park	1	--	**1**	1
Wayne	1	1	**1**	8
West Chicago	--	--	**1**	1
West Dundee	--	--	**--**	--
Western Springs	1	1	**1**	299
Westmont	--	--	**--**	--
Wheaton	1	2	**--**	--
Wilmette	1	2	**--**	--
Winfield	1	1	**1**	642
Wood Dale	41	29	**22**	2,176
Total	**365**	**402**	**416**	**28,085**

Note 1: Complaints made within the State of Illinois from households with verifiable addresses.

METHOD OF COMPLAINT

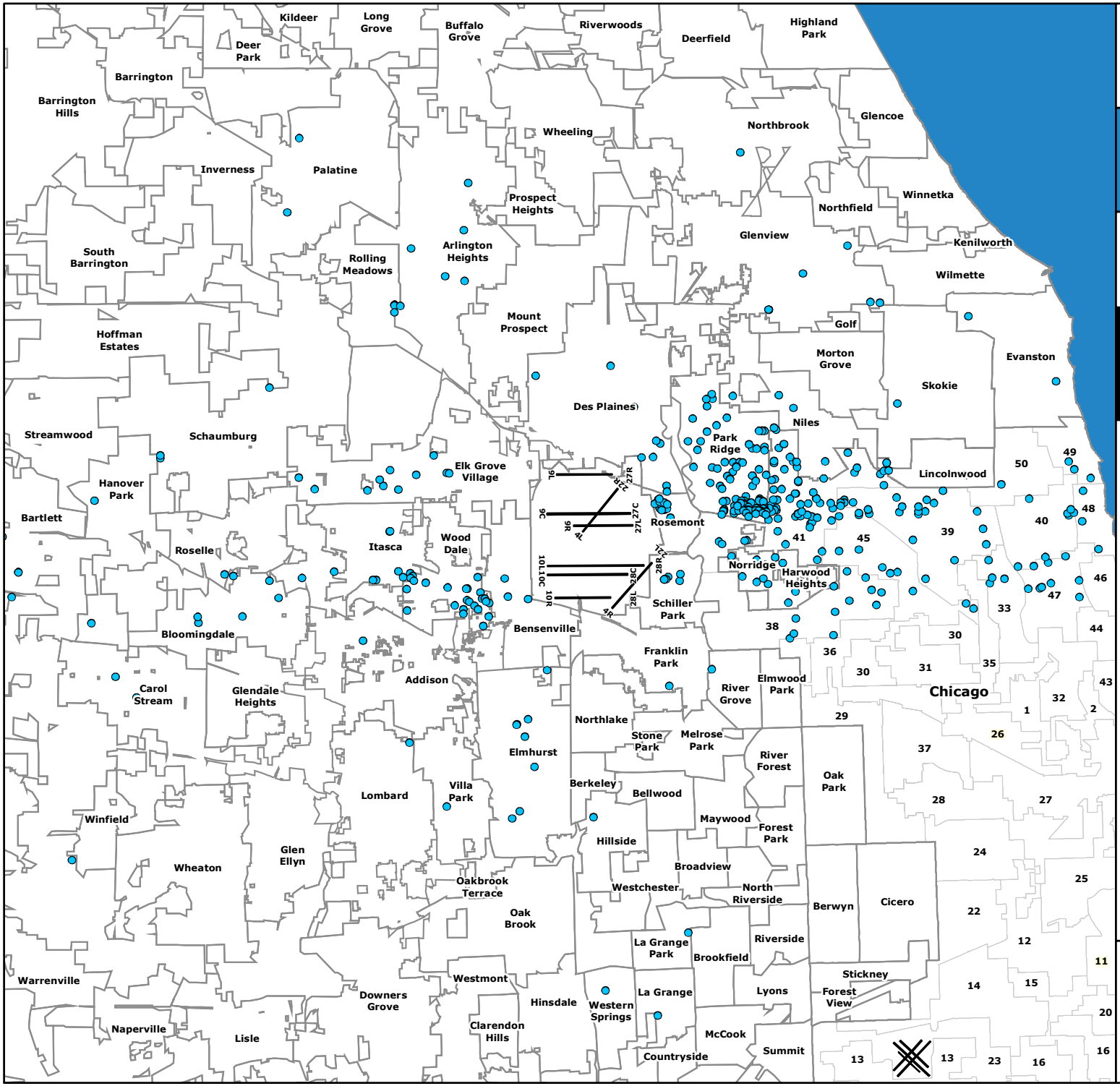
	Total	% of Total
Website	27,601	98.3%
App	382	1.3%
Telephone	102	0.4%
Total	28,085	100%

NATURE OF COMPLAINT

	Total	% of Total
Aircraft Noise	24,440	87.0%
Low Flying	1,330	4.7%
Vibration	238	0.9%
Frequency	2,076	7.4%
Other	1	0.0%
Total	28,085	100%

TIME OF COMPLAINT

	Total	% of Total
Daytime (7 a.m. to 10 p.m.)	22,512	80.2%
Nighttime (10 p.m. to 7 a.m.)	5,573	19.8%
Total	28,085	100%



CDA
CHICAGO DEPARTMENT OF AVIATION

Chicago O'Hare International Airport

City of Chicago
Lori E. Lightfoot, Mayor
Jamie L. Rhee, Commissioner of Aviation

Complainants by Household
May 2021

Legend

- Households
- Existing Runways
- Chicago Ward Boundaries
- Community Boundaries

Miles
0 2 4

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Date: June 29, 2021
File: Complaints_May2021.mxd

O’Hare Noise Hotline: 1-800-435-9569
www.flychicago.com/oharenoise