An aerial photograph of an airport and its surrounding area. The airport features a long runway, taxiways, and several hangars. The surrounding area includes residential neighborhoods with houses and trees, as well as commercial buildings and parking lots. The text "Annual Noise and Operations Report 2025" is overlaid on the top half of the image in a yellow, outlined font.

Annual Noise and Operations Report 2025

Prepared by:
Korey Barnes
Environmental & Noise Analyst

Introduction:

DeKalb-Peachtree Airport (PDK) is located in a highly noise-sensitive area as it is surrounded by residential communities. Aircraft noise is noise pollution generated by an aircraft, and may occur during all phases of flight. For instance, while aircraft are on the ground, taxiing, operating auxiliary power units (APUs), and conducting run-ups may contribute noise pollution to the surrounding areas. While aircraft are in the air, noise pollution can occur underneath and to the sides of departure and arrival paths.

The primary goal of the **PDK Good Neighbor Program** is to serve as a community-based program with aims to reduce aircraft noise levels in the vicinity of the airport. Since its inception, the program has sought to increase awareness of airport operations and develop airport/community partnerships with the surrounding cities of Chamblee, Doraville, Dunwoody, Brookhaven, North Atlanta (including the Buckhead community), and others. The program is a multifaceted one that uses many approaches to convey information in a succinct manner.

The program strives to reduce overall aircraft noise disturbances by soliciting airport-user involvement. Community and airport participation, learning, and cooperation are the keys to the program's success.

This report provides a monthly summary of airport operations, noise disturbances, and impacts to the surrounding neighborhoods to airport users and the surrounding communities.

2025 Aircraft Operations:

	This Year	Last Year	% Change from 2024	5-Year Average
Total Operations	169,311	198,889	-14.87%	176,076
Itinerant	109,472	127,931	-14.43%	120,092
Local	59,839	70,958	-15.67%	55,983
Voluntary Curfew Ops	5,054	5,250	-3.73%	4,854
Prior Authorization	3,598	(601) Noise disturbance calls associated with these flights. (142) Voluntary curfew ops were associated with these flights.		

Prior Authorization
(Section 6-93 Code)

Operation

Itinerant

Local

Voluntary Curfew Ops

Aircraft certified by the FAA with a max gross take-off weight greater than 75,000 pounds

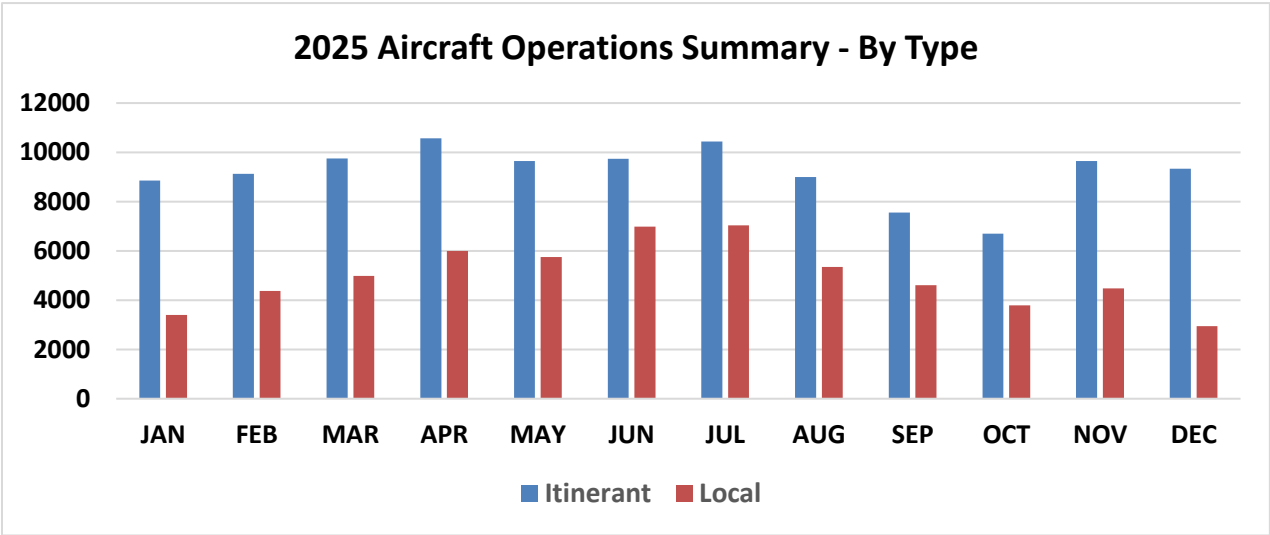
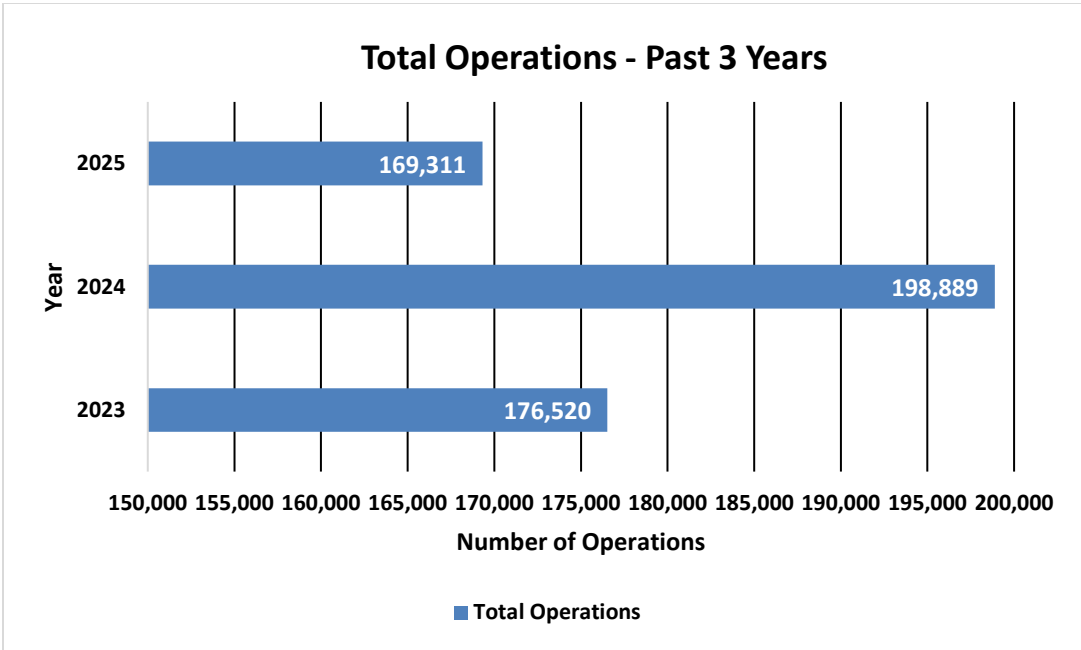
One take-off or landing. Touch-and-go counts as two operations

Non-touch-and-go (regular operations)

Operations within 20 miles of Airport

Operations that occur between the hours of 11:00 p.m. and 6:00 a.m.

2025 Aircraft Operations Summary

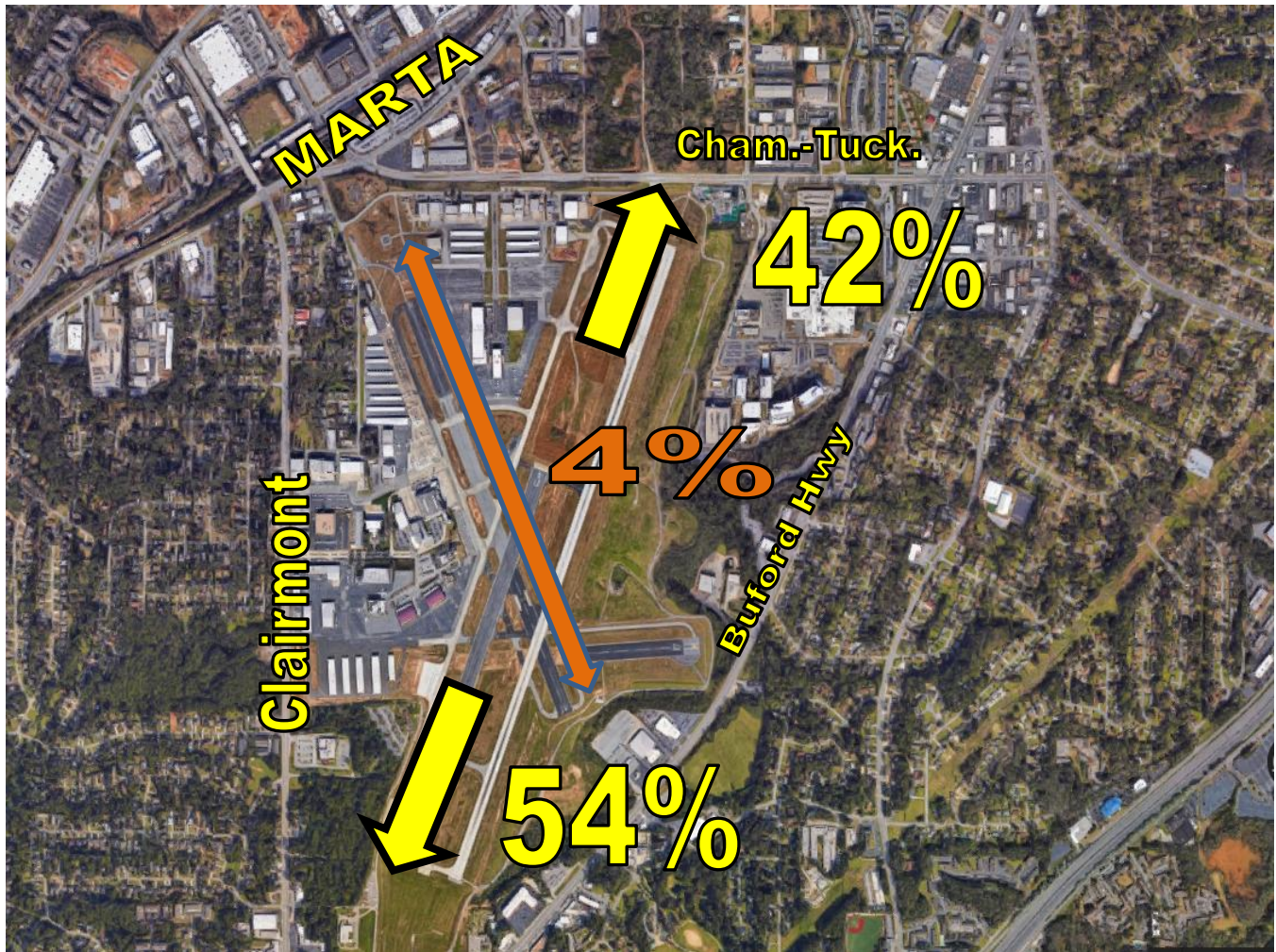


2024 Total Operations	2025 Total Operations	Change from 2024 to 2025
198,889	169,311	-14.87%

2025 Operations by Month				
	Itinerant	Local	Total Tower-Recorded Operations	Voluntary Curfew
JAN	8,861	3,397	12,258	418
FEB	9,126	4,371	13,497	383
MAR	9,755	4,985	14,740	450
APR	10,566	5,998	16,564	473
MAY	9,653	5,751	15,404	461
JUN	9,742	6,982	16,724	475
JUL	10,438	7,034	17,472	514
AUG	9,004	5,347	14,351	366
SEP	7,554	4,603	12,157	362
OCT	6,694	3,783	10,477	297
NOV	9,648	4,482	14,130	455
DEC	8,431	3,106	11,537	400

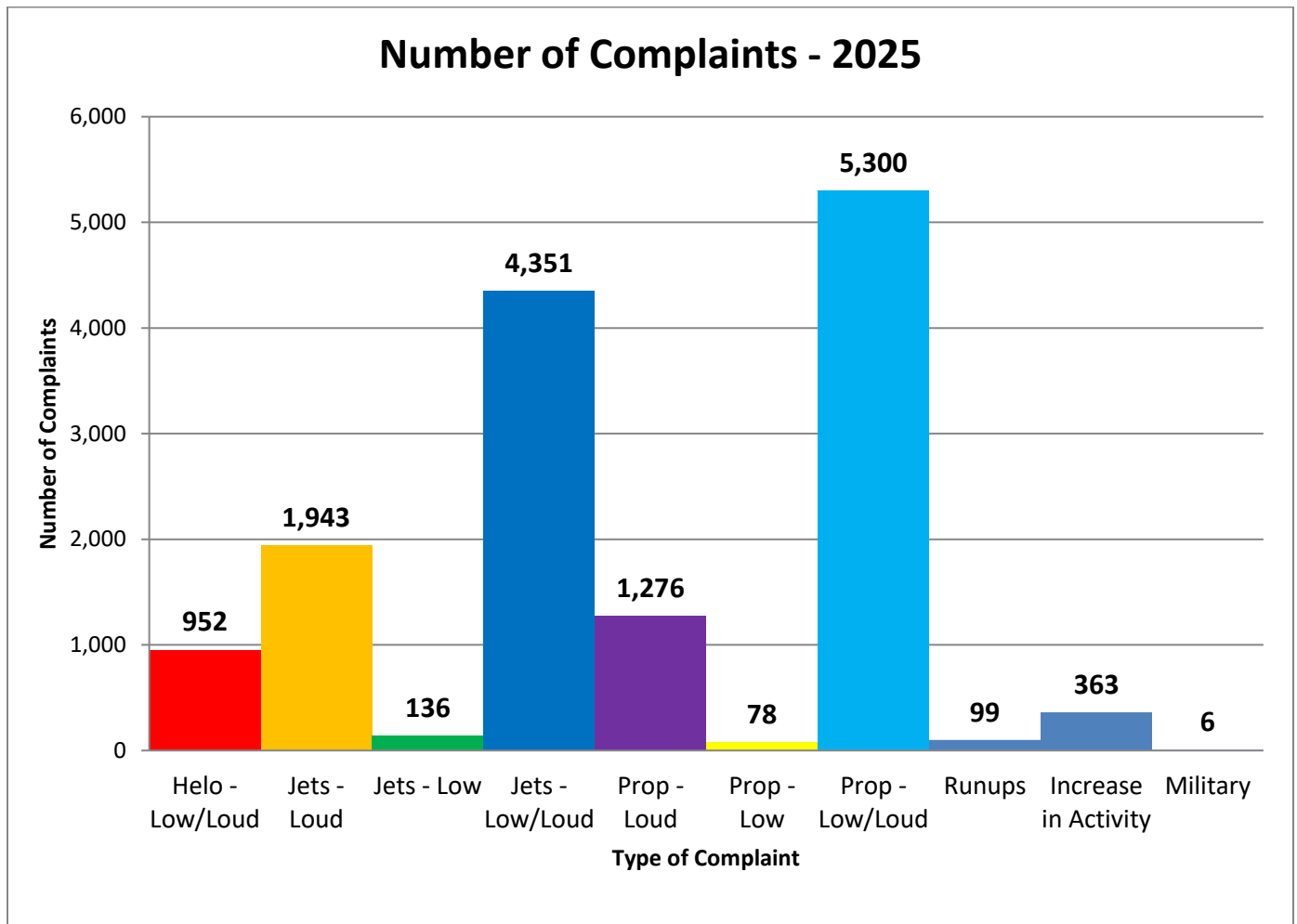
Runway Mode of Operations – 2025

Directional use of runways has a major effect on flight patterns and the areas affected by flight operations. Weather and wind direction generally determines runway selection. When the tower is open, the FAA Air Traffic Control Tower determines the directional use of the runways. When possible, the tower will try to keep operations on a northbound flow (takeoffs and landings to the north) for noise abatement.

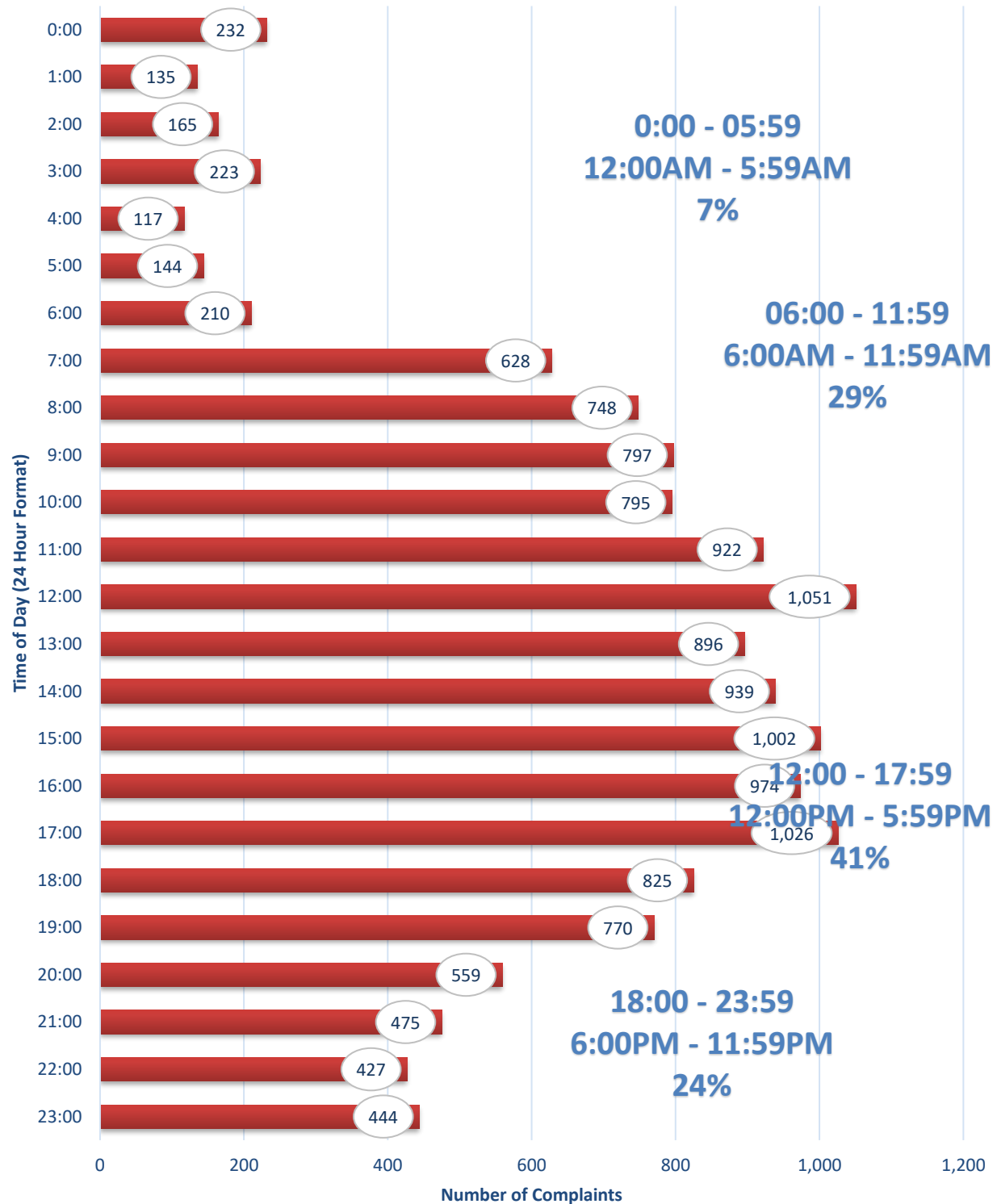


Noise Disturbance Summary

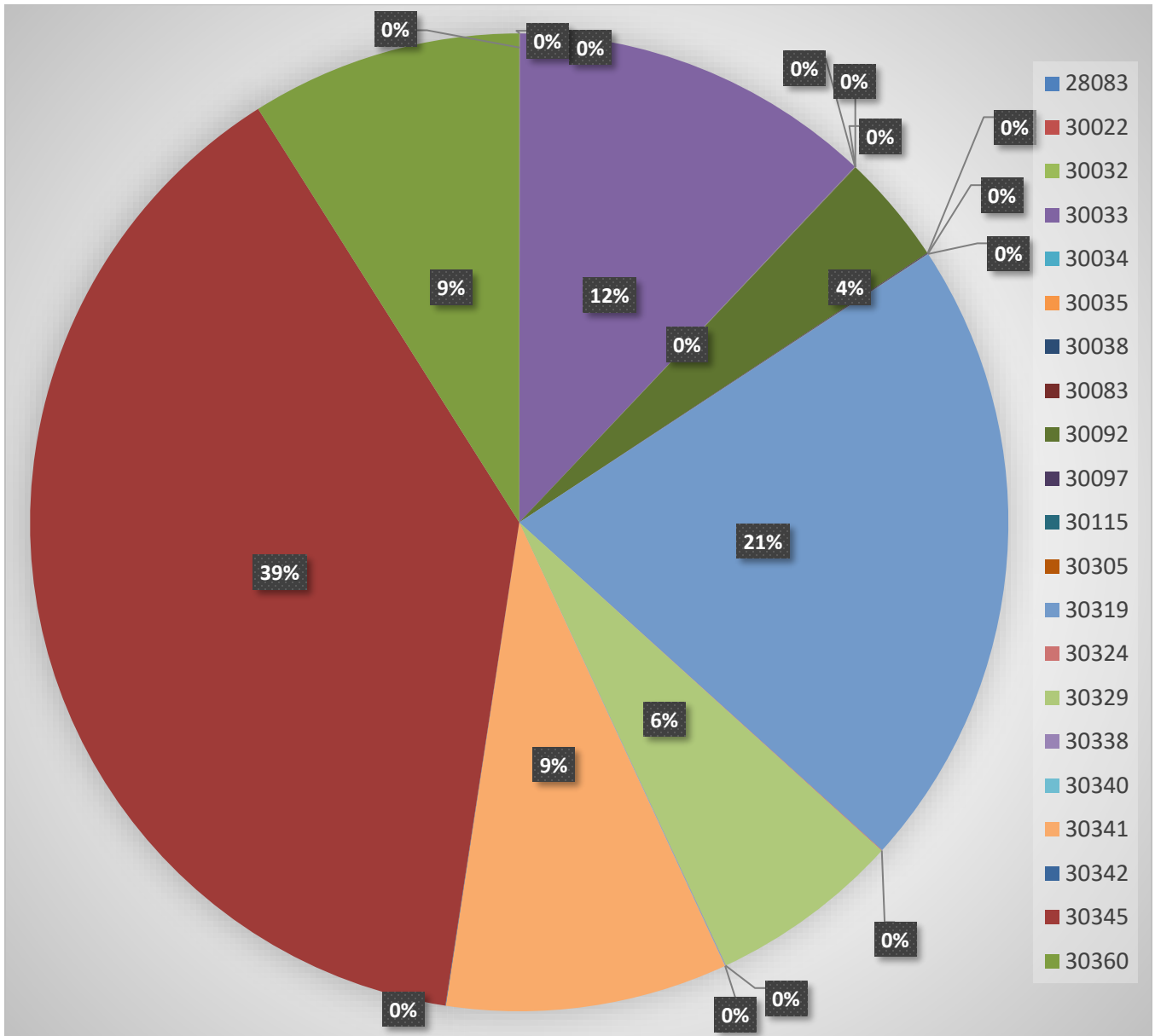
Total complaints for 2025	Monthly Complaint Average 2025	2025 Complaints per Household <i>(minus top two/Households)</i>	2025 Complaints per Household <i>All Inclusive</i>
14,504	1,208	67	106



Number of Complaints by Hour - 2025



Complaints by Zip Code



Zip Code Guide		
Zip Code	Community	% of Complaints
30319	Brookhaven	21%
30341	Chamblee - North	9%
30345	Chamblee – South	39%
30360	Dunwoody	9%
30329	North Druid Hills	6%
30338	Dunwoody	<0.1%
30340	Tucker	<0.1%
30033	North Druid Hills	12%
28083*	Kannapolis, NC	<0.1%
30083	Stone Mountain	<0.1%
30032	Decatur	<0.1%
30324	Brookhaven	<0.1%
30097*	Duluth	<0.1%
30034	Decatur	<0.1%
30022	Druid Hills	<0.1%
30038	Lithonia	<0.1%
30035	Decatur	<0.1%
30115*	Canton	<0.1%
30092*	Peachtree Corners	4%
30305*	Buckhead	<0.1%
30342*	Buckhead	<0.1%

Complaints by Caller

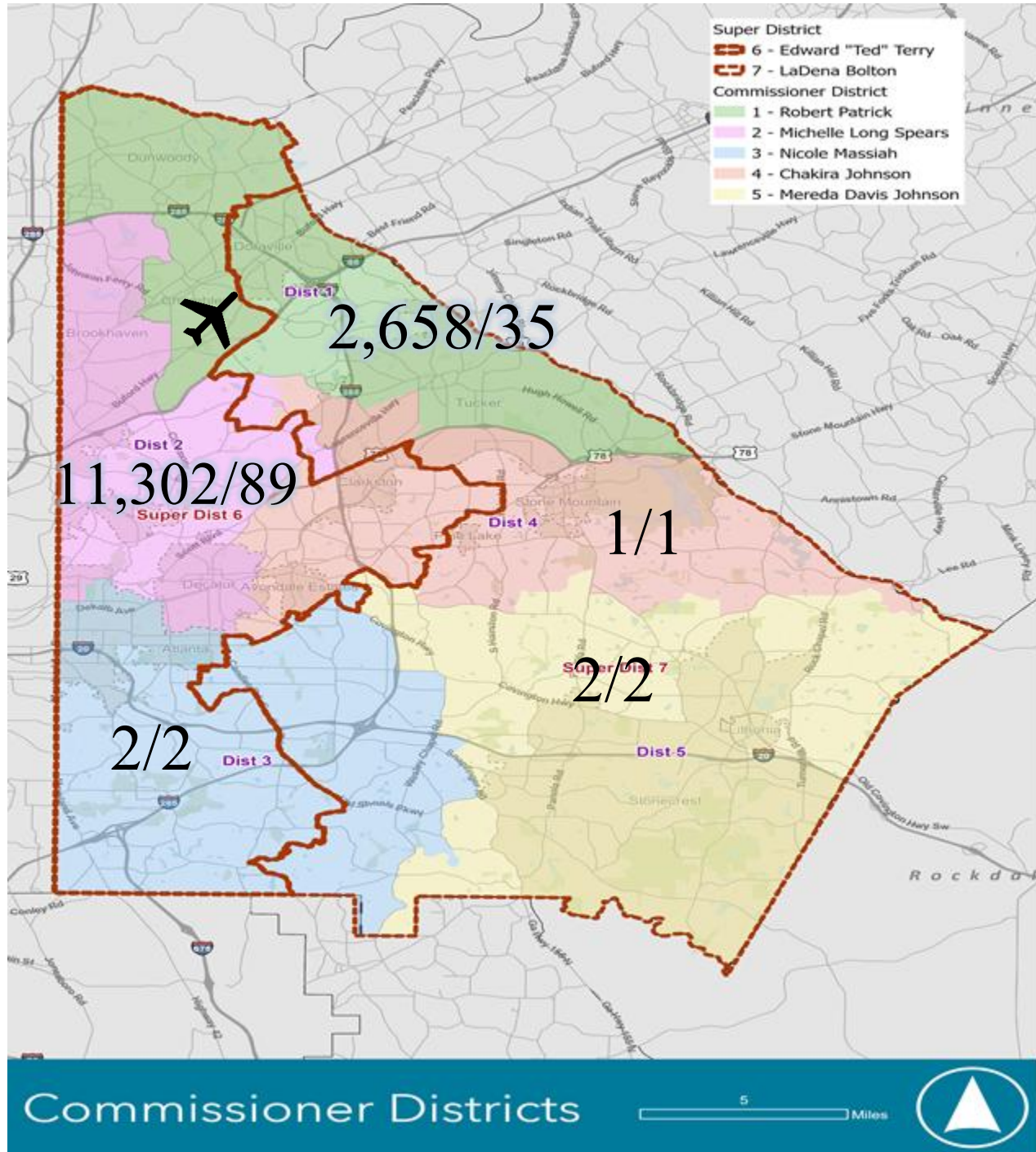
Name	Address	City	Zip Code	Complaints
Harris	3037 Kammeyer Ln	Atlanta	30341	1
Gerondelis	1390 Lavista Dr	Decatur	30033	4
Cone	2592 Drew Valley Rd NE	Brookhaven	30319	122
Nikitas	2588 Wood Trail Ln	Decatur	30033	1
George	1740 Giddens Aly	Atlanta	30341	1
Yu	2464 Georgetown Ave	Atlanta	30345	1
Moore	2178 Eldorado Dr NE	Atlanta	30345	64
Lapham	3433 Keswick Ct	Atlanta	30341	17
Purser	1925 Gregory Run NE	Atlanta	30345	10
Mansour	2846 Dresden Way	Atlanta	30341	1
MacArthur	3197 Towerview Dr NE	Atlanta	30324	1
Paskevich	1178 Druid Walk	Decatur	30033	746
Krieger	1598 Tryon Rd NE	Brookhaven	30319	15
YUNKER	2571 Flair Knoll Dr NE	Atlanta	30345	74
Acosta	2203 Medfield Trl NE	Atlanta	30345	5
Sheppard	2855 Arrow Creek Dr	Atlanta	30341	1
Robson	2199 Fisher Trl NE	Atlanta	30345	1
Cordero	3723 Ashford Creek Ln NE	Brookhaven	30319	494
Atkins	1391 Village Park Dr NE	Brookhaven	30319	45
King	2370 Shallowford Rd NE	Atlanta	30345	1
Doyle	2541 Dering Pl NE	Atlanta	30345	1
Gokce	1955 Fairway Cir NE	Brookhaven	30319	3
Johnson	5200 Peachtree Rd	Atlanta	30341	296
Allen	1501 Woodshire Dr	Decatur	30033	11
Walker	1551 Milowyn Pl NE	Brookhaven	30319	3
Graetz	2158 Eldorado Dr NE	Atlanta	30345	1
Brown	1166 Druid Walk	Decatur	30033	921
Simpson	704 Treecrest Pkwy	Decatur	30035	1
Smith	2254 Springwood Dr	Decatur	30033	14
Singh	2113 Meadowcliff Dr NE	Atlanta	30345	149
Bost	905 Ebenezer Rd	Kannapolis	28083	1
Sinsley	2752 Durham Dr NE	Brookhaven	30319	1039
DEFOOR	2295 Capehart Cir NE	Atlanta	30345	5
Gray	2652 Cove Cir NE	Brookhaven	30319	7
Weber	3493 Keswick Dr	Atlanta	30341	6

Martinez	1658 Richwood Dr NE	Brookhaven	30319	1
M	245 Valley Ridge Dr	Canton	30115	1
Cody	3447 Raymond Dr	Atlanta	30340	1
Franck	2654 Winding Ln NE	Brookhaven	30319	42
Schneeberg	2707 Ashford Rd NE	Brookhaven	30319	36
Hoffman	3901 N Stratford Rd NE	Atlanta	30342	1
Hummel	2854 Greenbrook Way NE	Atlanta	30345	36
Durden	2500 Emerald Ridge Ct NE	Atlanta	30345	1
Martin	2358 Logan Cir NE	Brookhaven	30319	3
Williams	3201 Kensington Cir	Lithonia	30038	1
Austin	2225 Chrysler Ter NE	Atlanta	30345	1
Wildes	2600 Barrylynn Dr	Atlanta	30360	2
Smith	2942 Appling Cir	Atlanta	30341	1
Black	1157 Pine Grove Ave NE	Brookhaven	30319	1
Bisgard	2223 Kodiak Dr NE	Atlanta	30345	14
Salby	2978 Rosebrook Dr	Decatur	30033	1
Claar	1771 Toni Way	Atlanta	30341	5
Snowdy	1820 Dresden Dr NE	Brookhaven	30319	1
Friedberg	2416 Dresden Parc Cir NE	Atlanta	30345	4
Elwell	1513 Laurel Park Cir NE	Atlanta	30329	1
Jones	410 Longs Peak	Alpharetta	30022	1
Feldman	LaVenture Forrest	Atlanta	30341	908
Hunnicut	2132 Meadowcliff Dr NE	Atlanta	30345	1
Sanke	4485 Huntington Cir	Atlanta	30338	3
Bullard	1857 Canmont Dr NE	Brookhaven	30319	3
Campbell	2184 Clairmont Ter NE	Atlanta	30345	569
Tabbara	3602 Ashcroft Bend NE	Brookhaven	30319	13
Domis	2671 Almshouse Ln NE	Atlanta	30329	10
Terry	1533 Tryon Rd NE	Brookhaven	30319	1
Arnold	1935 Variations Dr NE	Atlanta	30329	1
Vickers	3671 Admiral Dr	Atlanta	30341	1
Han	1826 Dorman Ave NE	Brookhaven	30319	229
Kigelman	2681 Derby Walk NE	Brookhaven	30319	45
Boone	1777 Bragg St	Atlanta	30341	1
Gravolet	1797 Bragg St	Atlanta	30341	1
Bowden	2527 Dering Pl NE	Atlanta	30345	6
Brooks	2743 Redding Rd NE	Brookhaven	30319	20
Taglia	1404 Tugaloo Dr NE	Brookhaven	30319	2
Kovar	2767 W Fontainebleau Dr	Atlanta	30360	1
Mcwhorter	1380 Nalley Cir	Decatur	30033	2

Davis	4806 Brown Bark Cv	Stone Mountain	30083	1
Richards	3064 Brook Dr	Decatur	30033	10
Spatafora	5009 Lakeside Dr	Atlanta	30360	21
Needle	2586 Warwick Cir NE	Atlanta	30345	37
Lodin	1832 Georgiana Dr NE	Atlanta	30329	1
Ascar	1930 Clairmont Ter NE	Atlanta	30345	1
Mangone	2449 Wawona Dr NE	Brookhaven	30319	3
Welsch	2019 Clairmont Ter NE	Atlanta	30345	4192
Baker	1788 Buckhead Valley Ln NE	Atlanta	30324	2
Lowndes	2416 Dunwoody Hollow Dr	Dunwoody	30360	1276
Prince	1986 Ellwyn Dr	Atlanta	30341	14
Perry	2841 Leisure Springs Cir	Decatur	30034	1
Farinola	2361 Burch Cir NE	Brookhaven	30319	22
Townsend	2230 Tanglewood Rd	Decatur	30033	23
Read	1339 Fernwood Cir NE	Brookhaven	30319	32
Lavandero	2707 Weigelia Rd NE	Atlanta	30345	3
Barnett	2851 Cravey Dr NE	Atlanta	30345	11
Dykewicz	2486 Susaleen Ct NE	Atlanta	30345	42
Havard	5405 Hoylake Ct	Duluth	30097	4
Collie	1744 Belle Isle Cir NE	Atlanta	30329	1
Hovdesven	1587 Brawley Cir NE	Brookhaven	30319	4
Novas	2780 Pioneer Ct	Atlanta	30341	1
Kelly	2615 Glenvalley Dr	Decatur	30032	1
Yates	1895 9th St	Atlanta	30341	21
Bui	5193 Peachtree Blvd	Atlanta	30341	3
Kerstann	2167 Eldorado Dr NE	Atlanta	30345	3
Newlands	1970 Variations Dr NE	Atlanta	30329	3
Kleine	880 Landmark Dr	Atlanta	30342	1
Edgerton	2675 Oak Park Trl	Decatur	30033	1
Chancellor	202 Valley Rd NW	Atlanta	30305	1
Kempter	2431 Skyland Way NE	Brookhaven	30319	732
Garcia-Roig	2131 Oakawana Dr NE	Atlanta	30345	3
Beauchamp	2416 Battle Dr NE	Atlanta	30345	5
Fox	2423 Woodacres Rd NE	Atlanta	30345	90
Douglas	2427 Coosawattee Dr NE	Brookhaven	30319	3
McSwanson	3789 Donaldson Dr	Atlanta	30341	5
Maddox	2804 Darby St NE	Brookhaven	30319	11
Sallach	1784 Huntington Chase	Atlanta	30341	20
Perry	2477 Skyland Dr NE	Brookhaven	30319	1
Lenormand	1508 Bubbling Creek Rd NE	Brookhaven	30319	1

Dengler	1693 Wayland Cir NE	Brookhaven	30319	89
Love	3156 Quinn Pl	Atlanta	30341	3
Wilcox	1533 Richard Stokes Dr	Decatur	30033	2
Davidian	1806 Duke Rd	Atlanta	30341	2
Carter	1584 Fama Dr NE	Atlanta	30329	901
Edwards	4201 River Bottom Dr	Peachtree Corners	30092	529
Stuart	1523 Park Creek Cv NE	Brookhaven	30319	13
Wu	3214 Valley Bluff Dr	Atlanta	30340	1
Aschenbroich	1766 Emory Ridge Dr NE	Atlanta	30329	1
McCorkle	1150 Vistavia Cir	Decatur	30033	1
Veith	3539 Keswick Dr	Atlanta	30341	5
Henson	1391 Altamont Dr	Decatur	30033	4
Gill	3091 Colonial Way Apt E3	Atlanta	30341	12
Bizza	2735 Briarlake Woods Way NE	Atlanta	30345	11
McKay	3222 Clairwood Ter	Atlanta	30341	15
Reines	2579 Oak Crossing Dr	Decatur	30033	2
Guarnaccia	2210 Lebaron Dr NE	Atlanta	30345	20
Meier	2777 Ashford Rd NE	Brookhaven	30319	1
Wolf	3338 Turngate Ct	Atlanta	30341	8
Lawhon	3786 Ensign Dr	Atlanta	30341	1
Branson	2175 Eldorado Dr NE	Atlanta	30345	240
Burdges	4128 Candler Lake West NE	Brookhaven	30319	1

Complaints per Commission District



Total Number of Complaints
Total Number of Complainants

14,504/
137

There were 8 complainant(s) outside of DeKalb County with 539 complaint(s) total.

Correlation Chart of Noise Complaints to Operations

The airport correlated 14,383 (99.2%) out of 14,504 complaints:

- 13,439 or 92.7 % of the noise complaints were found to be **Direct** correlations
- 944 or 6.5 % were **Indirect** correlations to operations
- 121 or 0.8% were **Not Correlated**.
- **Direct** = Linked to a **specific flight operation to/from PDK** over a house/monitor (NOMS or manual correlation).
- **Indirect** = **Not linked to a specific flight operation** (take-off thrust, reverse thrust; maintenance run-ups) **OR** flight operation **not originating or terminating at PDK**.
- **Not correlated** = There was no noise event and/or aircraft track based on either NOMS correlation or manual research.

Definitions:

NOMS: Noise and Operations Monitoring System

Op Type: Operation; Approach, Departure, or Overflight

Name: Name of Complainant

Offense Start: Date/Time of offense to complainant

Flight ID: Tail number of aircraft or military call sign

Flight Time: Actual Date/Time of correlated offense

NMS: Noise Monitoring Station

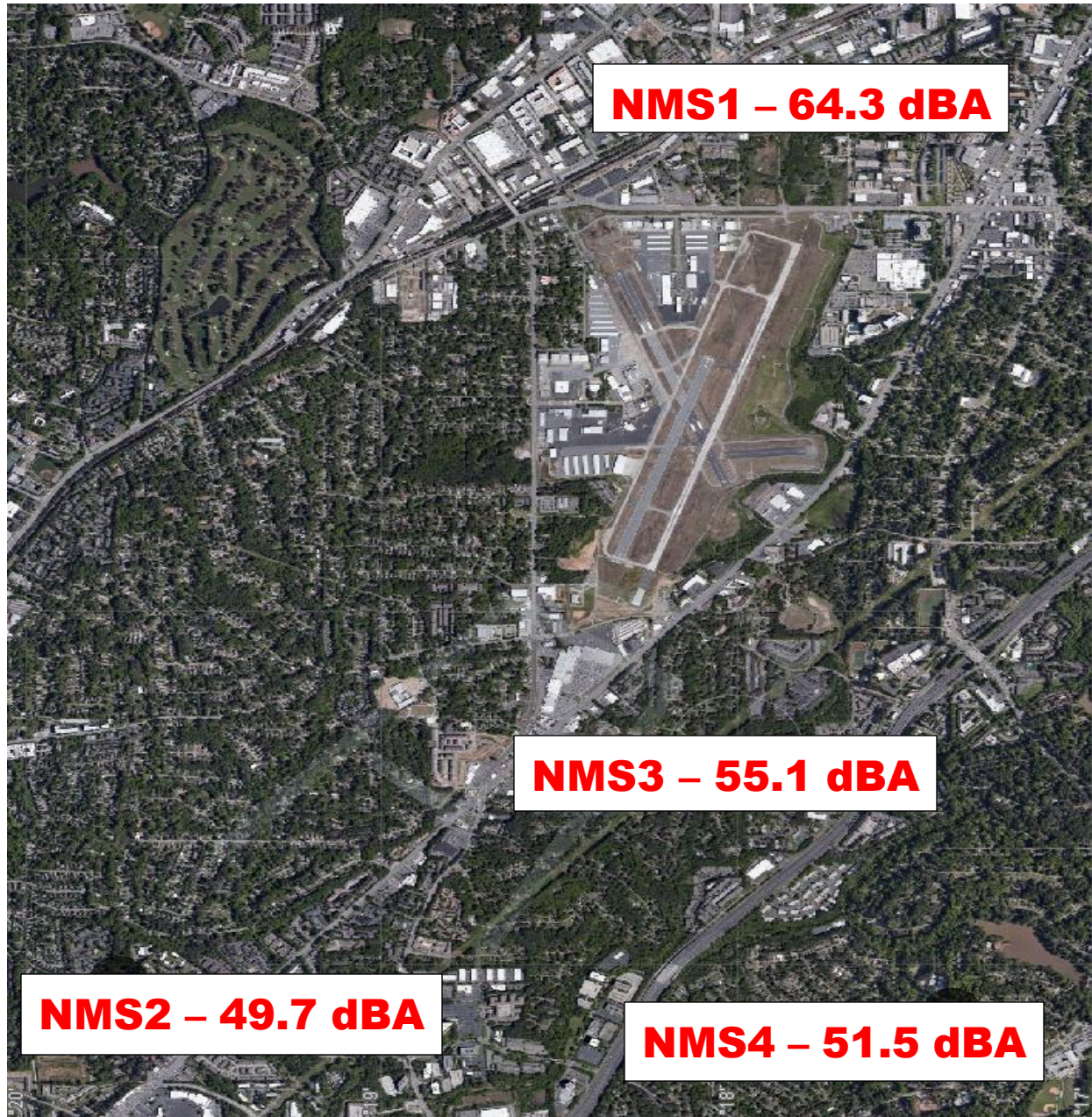
Rwy: Runway

LMAX: Maximum A-weighted sound level for a given event

Please contact: *Korey Barnes, Airport Noise and Environmental Analyst*, for more information regarding the PDK Good Neighbor Program at (770) 936-5440 or kbarnes@dekalbcountyga.gov.

PDK maintains a **hotline** that permits residents to report noise concerns by dialing: **(770) 936-5442** or e-mailing: pdknoise@dekalbcountyga.gov

2025 Noise Levels at Monitors



Noise Terminology

- Decibels (dB) are the unit of measurement on the loudness scale. Decibels that a human can hear are called “A-weighted” or “dBA” on the sound frequency scale.
- The decibel scale is logarithmic, not linear. The smallest detectable change 1 dB; 3 dB for a human is readily detectable; 10 dB seems twice as loud.

- *L_{max} – The maximum A-weighted sound level for a given event – the highest level registered on the scale or meter; is not related to the duration for the event.*
- *DNL – A 24-hour time-averaged sound exposure level. It is the noise metric of choice in aircraft sound level measurement. It is also used to define noise contours of equal exposure. All Federal agencies have adopted DNL (LDNA) as the metric for airport noise analysis. (Day Night Level) (Day Night Level A-weighted)*
- *Leq – The steady A-weighted sound level over any specified period. It is used to identify the average sound level over a given period of time.*

Voluntary Curfew Operations & Operators Summary/Letter Status

Operations Summary:

The airport identified a total of **5,053 (99.9%)** of the **5,054** operations during the voluntary curfew period (11PM-6AM) during **2025**. Of the **5,053** identified operations, **2,571 (50.9%)** were classified as **medical transport (e.g., Med-Evac) or other critical flights**.

- Out of the *identified* operations, **624 one-time** operations were conducted during this period.
- Out of the *identified* operations, **4,430 multi-time** operations were conducted during this period, (i.e., sum of all aircraft operations in which an aircraft flew more than once during the voluntary curfew).

Operators Identified / Multi-Use:

1,169 operators were identified using the airport during the voluntary curfew period (does not include unknown aircraft).

542 operators were identified using the airport during the voluntary curfew period for 2 or more times during the month.

77 multi-use operators were identified as Med-Evac and/or emergency flights.

Complaints received from operations conducted during the voluntary curfew period:

14,504 complaints were received during **2025**.

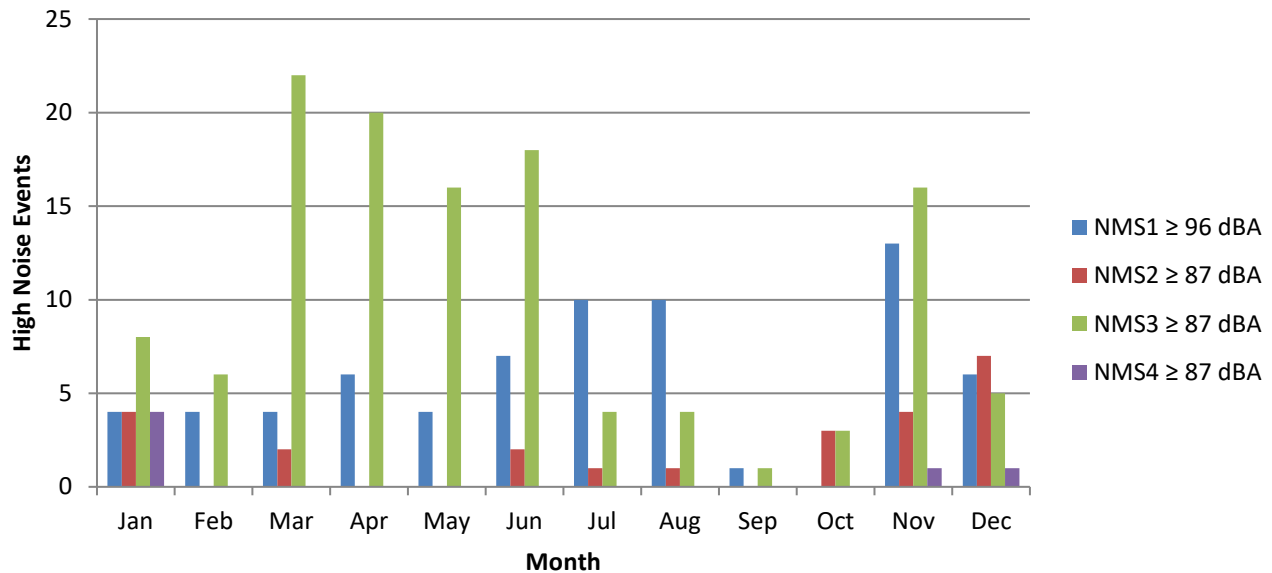
1,498 (10.3%) complaints were received for operations conducted during the voluntary curfew period (**including** those complaints that were found to be non-correlated or indirect).

A total of **2,522** advisory letters were sent to aircraft operators flying during the voluntary curfew period in **2025** who were not identified as Med-Evac and/or other emergency flights.

High Noise Event Threshold

The high noise event threshold was developed to work with pilots in methods and techniques that could reduce aircraft noise levels in and around PDK and its residential areas. Noise Monitoring Station (NMS) 1 is located in a commercial district and is set at **96 dBA Lmax** or greater. All other monitors, NMS2, 3, & 4 are located in residential areas and are set at **87 dBA Lmax** or greater. A Total of **288** noise events occurs in 2025; with this **282** advisory letters were sent out for aircraft identified as Exceeding PDK's high noise event threshold.

High Noise Events 2025



Comments/Concerns?

Please visit www.pdkairport.org for airport information. You may also contact the airport about noise concerns at pdknoise@dekalbcountyga.gov or call the noise hotline at (770) 936-5442.