

**TETERBORO
AIRCRAFT
NOISE
ABATEMENT
ADVISORY
COMMITTEE**

First Quarter 2025 Meeting
April 16, 2025



TANAAC Meeting Agenda:

Welcome/Introduction <ul style="list-style-type: none"> TANAAC Member Roll Call Opening Remarks 	Richard Heslin – Meeting Facilitator Mayor Ron Kistner – Mayor, Hasbrouck Heights - TANAAC Co-Chair Sherri L. Smith – Airport Manager, Teterboro Airport - Port Authority of NY & NJ / TANAAC Co-Chair
Operations Update <ul style="list-style-type: none"> Airport Construction Projects 	Scott Marsh - Manager, Operations & Security, Teterboro Airport - Port Authority of NY & NJ
Old Business: <ul style="list-style-type: none"> Letter of Request to FAA for proposed noise abatement measures 14 CFR Part 150 NCP Update 	Mary M. McCarthy – Director, New York Area Program Integration Office (NYAPIO) - FAA Gabriel Andino - Manager, Noise Abatement Office -Teterboro Airport/Avports
Runway 19 Approach Focus Group <ul style="list-style-type: none"> Quarterly Update 	Kathy Canestrino – Deputy Mayor of Hackensack / TANAAC Voting Member
Noise Office Statistical Report (1st Quarter 2025): <ul style="list-style-type: none"> Noise Office Outreach Update Aircraft Activity Aircraft Noise Violations Runway Utilization Runway 19 Offset Approach Utilization Measured Noise Levels Noise Complaints 	Gabriel Andino - Manager, Noise Abatement Office - Teterboro Airport/Avports Michael Fiscus - Assistant Manager, Noise Abatement Office - Teterboro Airport/Avports Alejandra Cabrera – Noise Abatement Specialist, Noise Abatement Office - Teterboro Airport/Avports
TEB Fly Quiet Program Annual Report	Gabriel Andino - Manager, Noise Abatement Office - Teterboro Airport/Avports
Committee Open Discussion	
Guest Comments/ Questions	

TANAAC Voting Members and Representatives

Member	Mayor / Official	Designated Representatives
Borough of Bogota	Daniele Fede	Councilwoman Connie Carpenter
Bergen County	James J. Tedesco III	Principal Planner Peter Kortright
Borough of Carlstadt	Robert J. Zimmerman	Ronald Stull, Jolanta Polan, & John Antoniotti
Borough of East Rutherford	Jeffrey Lahullier	Councilman George Cronk
City of Hackensack	John P. Labrosse Jr.	Deputy Mayor Kathleen Canestrino
Borough of Hasbrouck Heights	Ron Kistner	
Borough of Little Ferry	Mauro D. Raguseo	Councilman George Muller & Borough Admin. Lisette Duffy
Borough of Maywood	Richard Bolan	
Borough of Moonachie	Dennis Vaccaro	Councilwoman Karen Surak & Councilman Bradford J. Haberlin
Village of Ridgefield Park	Adam MacNeill	
Township of Rochelle Park	Teresa Judge Cravello	
Borough of Rutherford	Frank Nunziato	Jim Linsalata
Town of Secaucus	Michael Gonnelli	Councilman William McKeever
Township of South Hackensack	James Anzevino	Committee Member Frank Cagas
Township of Teaneck	Mark J. Schwartz	
Borough of Teterboro	John P. Watt	
Borough of Wood-Ridge	Paul A. Sarlo	Borough Clerk Gina Affuso

TEB Airport Operations Update

Scott Marsh – Manager, Operations & Security



Operations Update:

Runway 1/19 Rehabilitation: Completed

Stormwater Drainage System Rehabilitation: 2025-2027

Hours of Work and Closures

- Runway Closures Overnight (April 2025 thru April 2027):
 - Weekdays 10:30p.m. to 6:30a.m. the following morning
- Runway Closures Weekends:
 - 38-hour closures – Friday 10:00p.m. to noon Sunday
- Airport Weekend Closures:
 - 12-hour closures – Sunday 12:01a.m. to noon Sunday (July 4 – Labor Day Holidays; up to 7)

EWR RWY 4L/22R Rehabilitation:

- Runway Closed April 15 – June 15



Old Business

- **TANAAC Letter of Request to FAA**
- **14 CFR Part 150 NCP Update**

Old Business:

TANAAC Letter of Request to FAA – June 2023

Topic	Goal	Prior Status	Current Status
Runway 1 published approach procedure	Publish procedure to facilitate use of Runway 1 for arrivals	Estimated publication date November 27, 2025	The procedure remains on target for publication on November 27, 2025.
Runway 6 offset approach procedure	Review feasibility of an alternate Runway 6 approach procedure	Air Traffic Control (ATC) input is needed.	On hold. The Runway 1 procedure should move traffic from the Runway 6 approach and may provide the noise reduction sought.
RNAV (GPS) X Approach procedure to Runway 19 (Runway 19 offset approach)	Increase use of this procedure during daytime hours	Air Traffic Control (ATC) input needed.	We will be meeting with Newark Approach to talk about using the RNAV X approach during daytime hours.
Runway 19 approach procedures	Review feasibility of increasing aircraft altitudes at the Runway 19 Initial Approach Fix, UNVIL, from 2,000 ft. to 3,000 ft.	Air Traffic Control (ATC) input needed.	As previously reported, we're unable to raise UNVIL, however, we have some ideas about moving the fix and are considering the feasibility of those ideas.



Old Business

- **14 CFR Part 150 NCP Update**

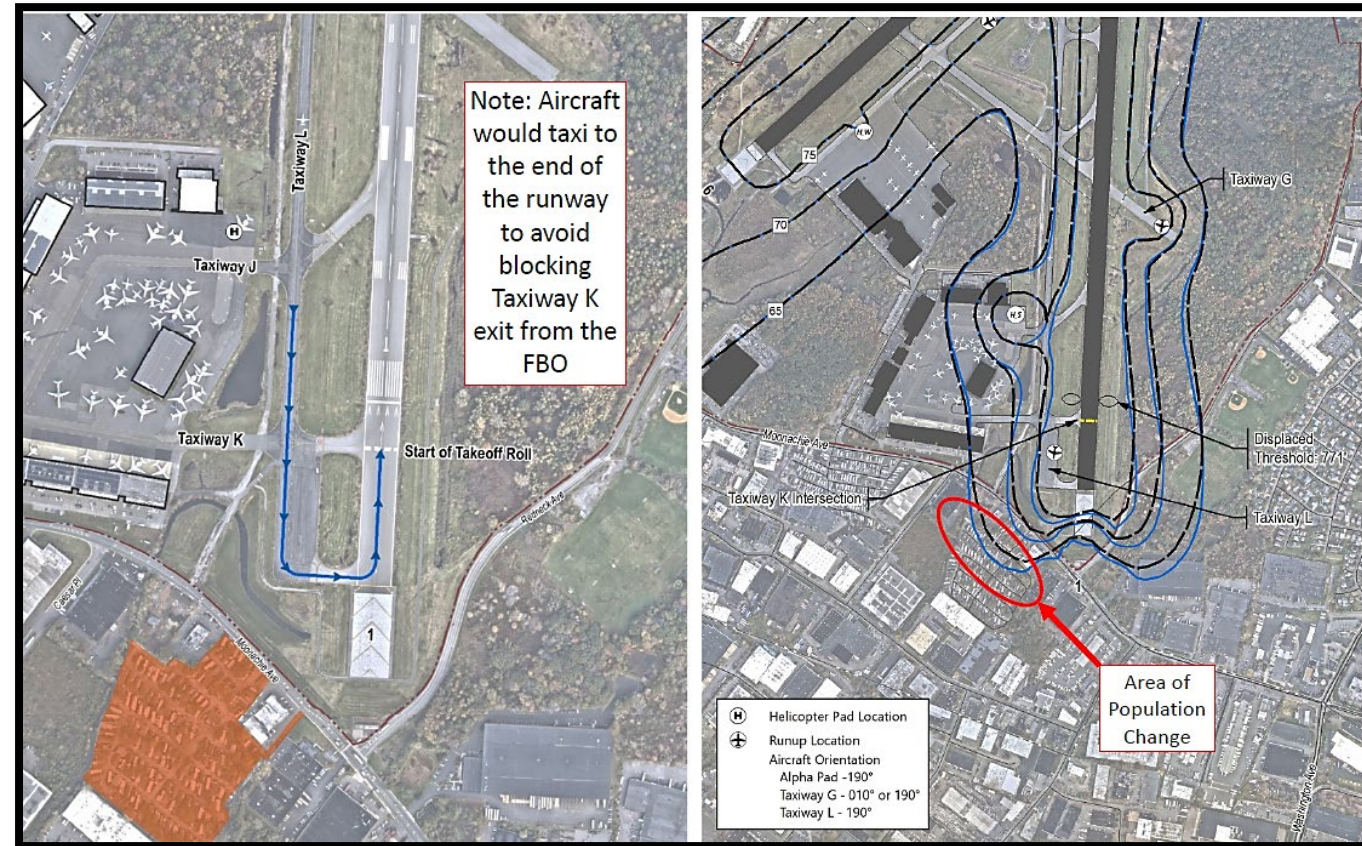
14 CFR Part 150

Noise Compatibility Plan (NCP) Update

- **New NCP Noise Abatement measures**
 - NA 1: Implement a Runway 24 Departure Turn to 230 degrees at Night
 - Status: Entered into FAA's Gateway Portal in November 2023
 - NA 2: Encourage Intersection Departures from Taxiway L7 (formerly Taxiway K) on Runway 1 at Night
 - Implemented and currently in use
 - NA 3: Design and Implement a Centralized Aircraft Run-up Pad –
 - Under review for implementation
 - NA 6: Implement a Published Approach Procedure to Runway 1 and Increase Usage at Night
 - Publication of RNAV (GPS) RWY 1 Approach estimated for November 2025

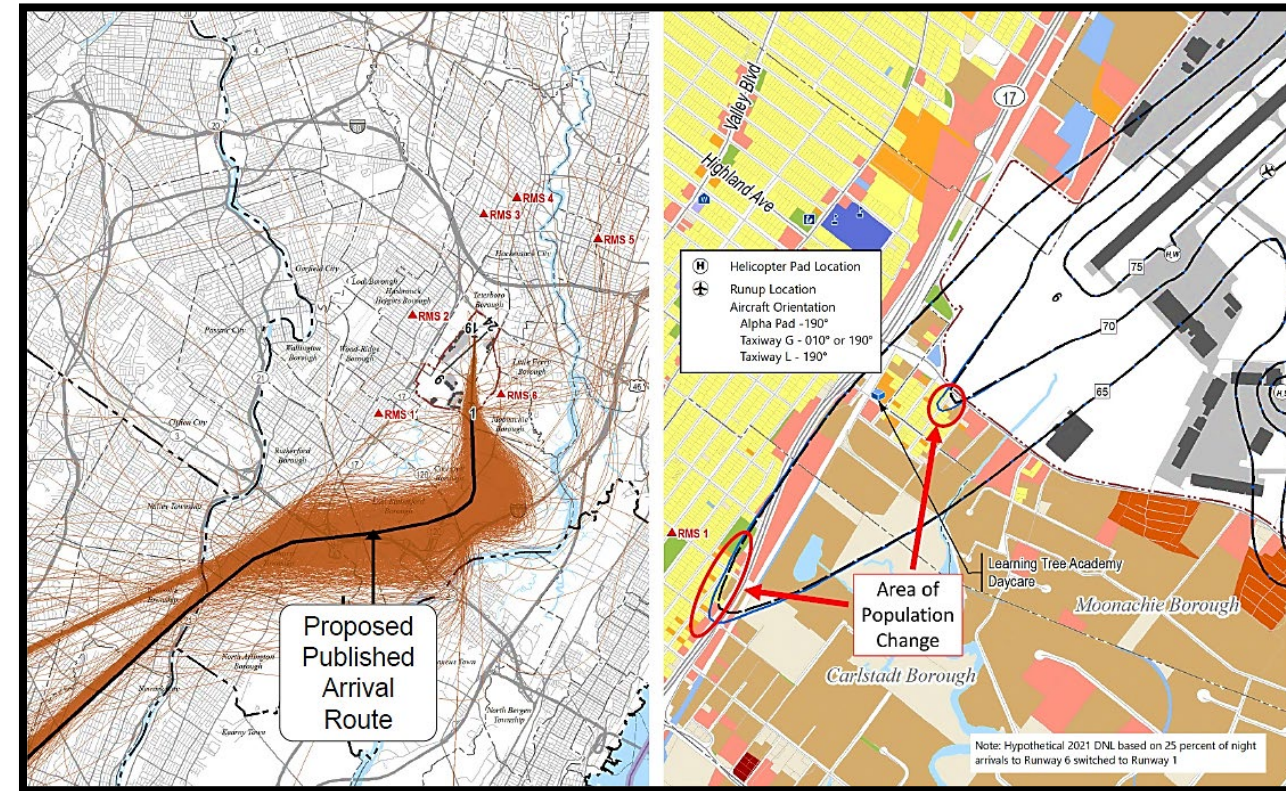
NA 2: Encourage Intersection Departures from Taxiway L7 on Runway 1 at Night

- Aircraft would start their takeoff roll at Taxiway L7, reducing the noise impact on the community at the end of the runway
- Usage statistics will be available later this year



NA 6: Implement a Published Approach Procedure to Runway 1 and Increase Usage at Night

- This measure would implement a published approach procedure to Runway 1 to facilitate increased arrival usage at night.
- The RNAV (GPS) Runway 1 procedure is currently in development with publication expected on November 27, 2025



Runway 19 Focus Group



TANAAC Runway 19 Focus Group – March 19th Meeting Recap

- **Attendees**

- NBAA/Pilots: Alex Gertsen, Richard Boll, Heidi Williams
- PANYNJ/TEB: Sherri Smith, Gabriel Andino, Ralph Tamburro
- TANAAC: Kathy Canestrino, Ron Kistner

- **Pilot comments:**

- Pilots at the meeting have requested the alternate approach (**Runway 19 RNAV GPS X**) and have frequently been denied by Air Traffic Control (ATC)
- It is difficult for ATC to manage aircraft using both the primary straight-in approach path and the alternate offset approach path at the same time during busy periods
- Many pilots have concerns about the proximity of the 700' ABC radio antenna to the offset approach path
- The primary approach for Runway 19 is a GPS-based approach similar to the ILS (**Runway 19 RNAV GPS Y**)
- The alternate approach is not difficult to use, but daytime use is preferred

- **Other considerations:**

- Philadelphia approach control facility is still adding staff.

- **Possible solutions:**

- Request FAA to make the alternate offset approach the advertised procedure on specific days/times when weather and traffic volume permits
- Consider adding more navigational waypoints and reducing flight path offset from current 13° to 6°

Runway 19 Offset
Approach Hourly Use
January 16, 2025

*The straight-in approach began to be
advertised by ATC shortly after 2:00pm (14:00)

Hour	RWY 19 Offset Approach	RWY 19 Other Approach
07:00	4	0
08:00	6	0
09:00	8	2
10:00	10	3
11:00	8	0
12:00	8	2
13:00	16	1
14:00	4	12*

Operator & Community Outreach Efforts

Activities Include:

- Exhibited at NBAA Schedulers and Dispatcher's Conference in New Orleans
 - Allows us direct contact with flight planners, operators, and crew members.
- Attended the UC Davis Aviation Noise & Emissions Symposium.
 - The symposium brings together airport noise professionals and community members to exchange ideas, information, and to incorporate new technologies to combat the effects of airport operations on the local community.





First Quarter 2025 Statistical Report

Presented by the TEB Noise Abatement Office

Gabriel Andino

Manager

Noise Abatement &
Environmental Compliance

Michael Fiscus

Asst. Manager

Noise Abatement &
Environmental Compliance

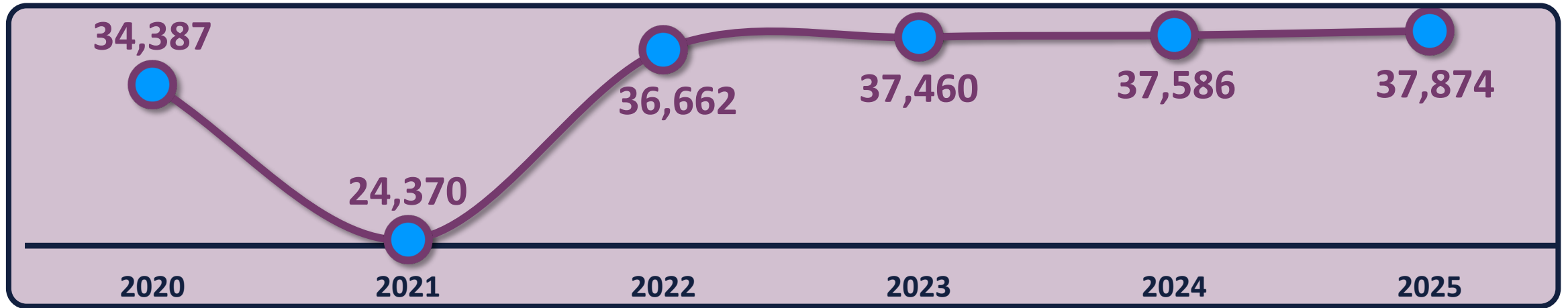
Alejandra Cabrera

Specialist

Noise Abatement &
Environmental Compliance

Airport Activity Report

January – March 2025

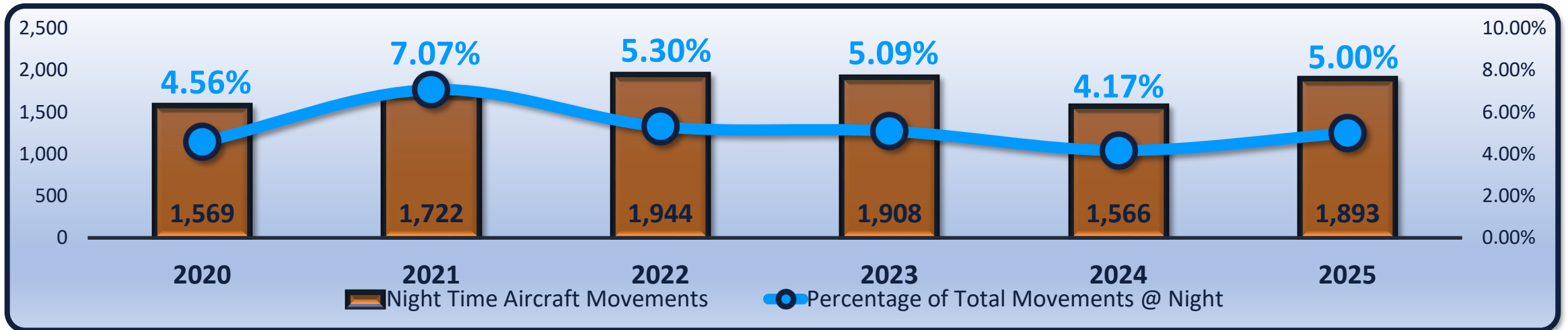


Movements	2020	2021	2022	2023	2024	2025	2020/2021	2021/2022	2022/2023	2023/2024	2024/2025
Props	569	603	796	887	723	500	5.98%	32.01%	11.43%	-18.49%	-30.84%
Turbo-Props	1,765	1,268	2,132	2,185	1,852	1,792	-28.16%	68.14%	2.49%	-15.24%	-3.24%
Helicopters	1,258	454	997	1,159	1,069	1,142	-63.91%	119.60%	16.25%	-7.77%	6.83%
Jets	30,667	21,928	32,611	33,052	33,813	34,256	-28.50%	48.72%	1.35%	2.30%	1.31%
Totals:	34,387	24,370	36,662	37,460	37,586	37,874	-29.13%	50.44%	2.18%	0.34%	0.77%

❖ Total Aircraft Movements are Inclusive of Missed Approaches and Aborted Take-Offs.

Airport Activity Report

January – March 2025 (11:00p.m. – 6:00a.m.)

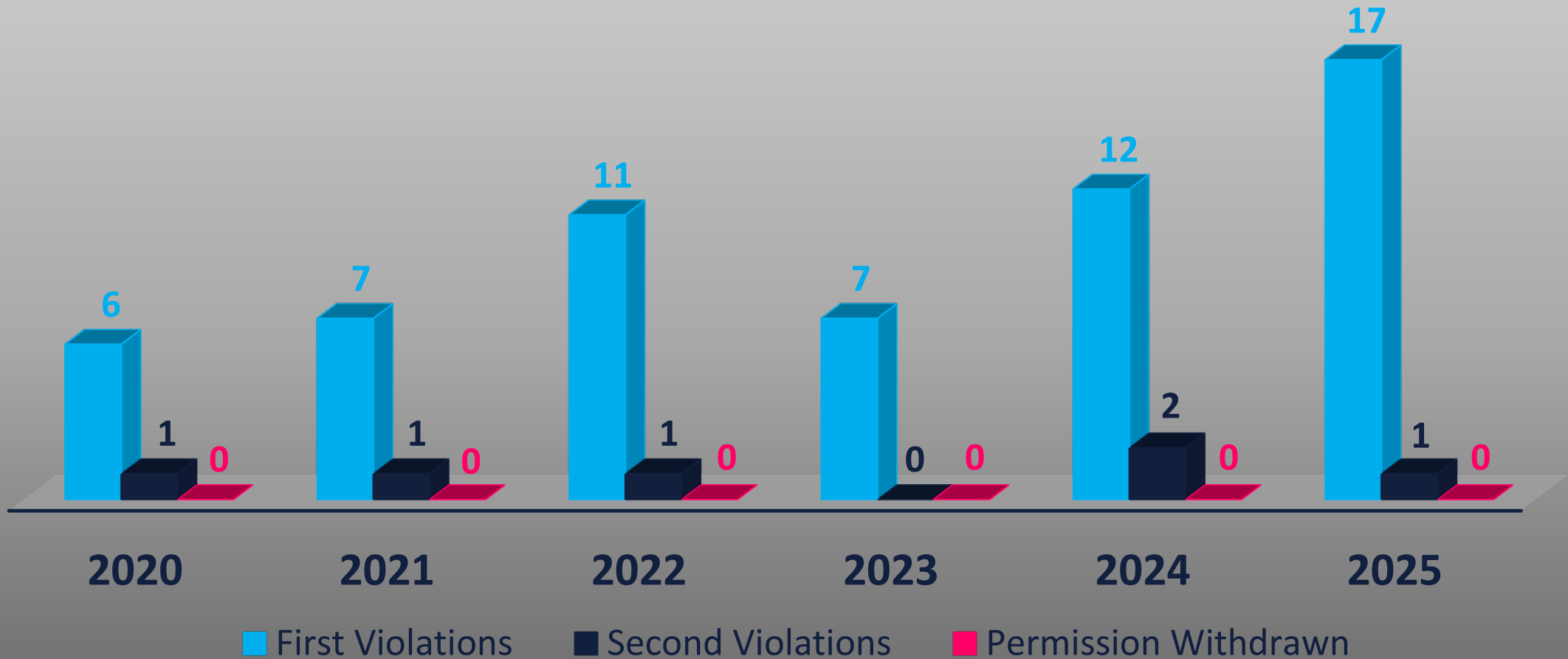


Year	Nighttime Aircraft Movements	Total Aircraft Movements	% of Total Movements at Night
2020	1,569	34,387	4.56%
2021	1,722	24,370	7.07%
2022	1,944	36,662	5.30%
2023	1,908	37,460	5.09%
2024	1,566	37,586	4.17%
2025	1,893	37,874	5.00%

- During the first Quarter 2025, there were approximately 342 essential flight operations between 11:00p.m. and 6:00a.m.

Noise Violations

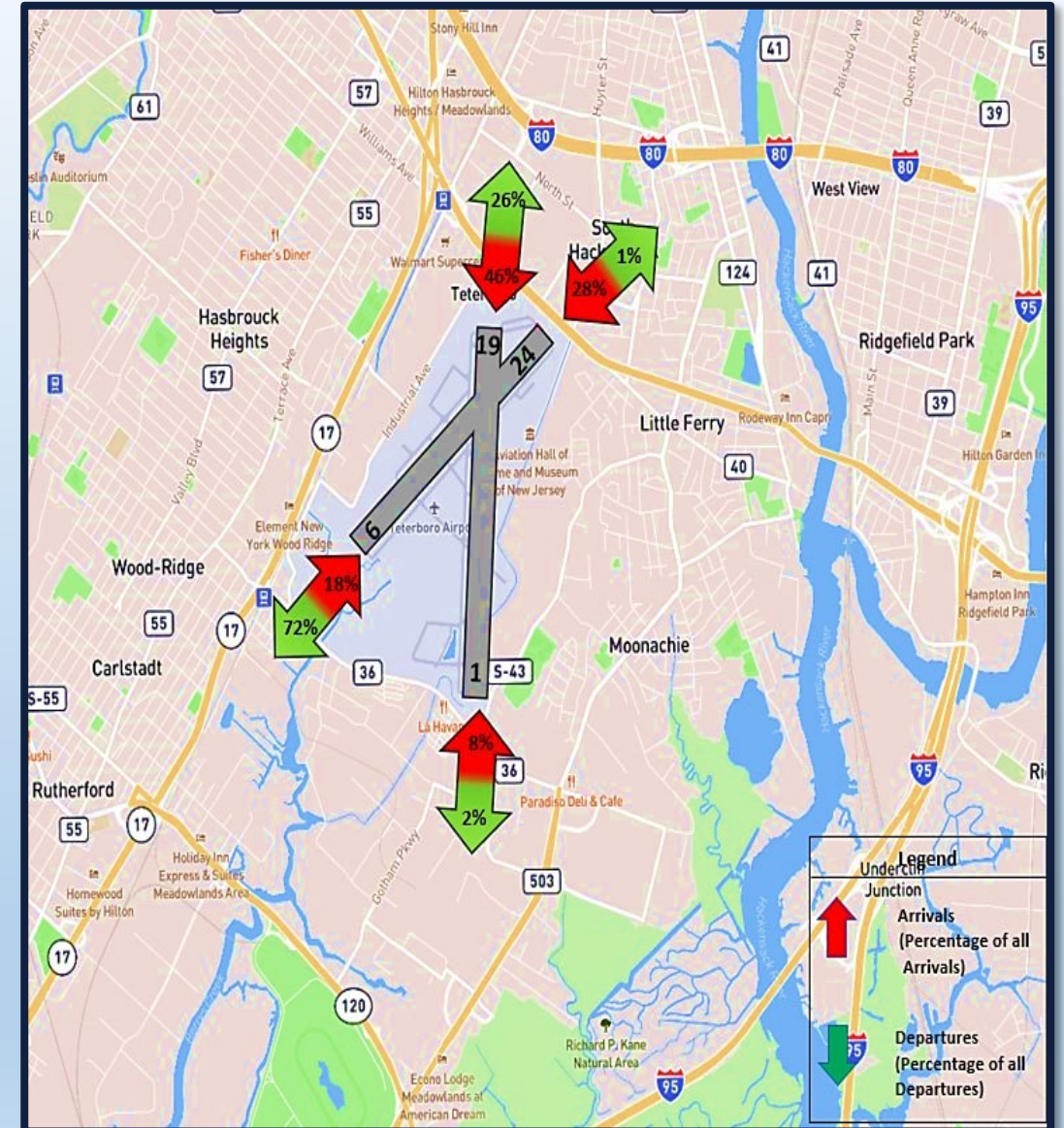
January – March 2025



Runway Utilization

January – March 2025

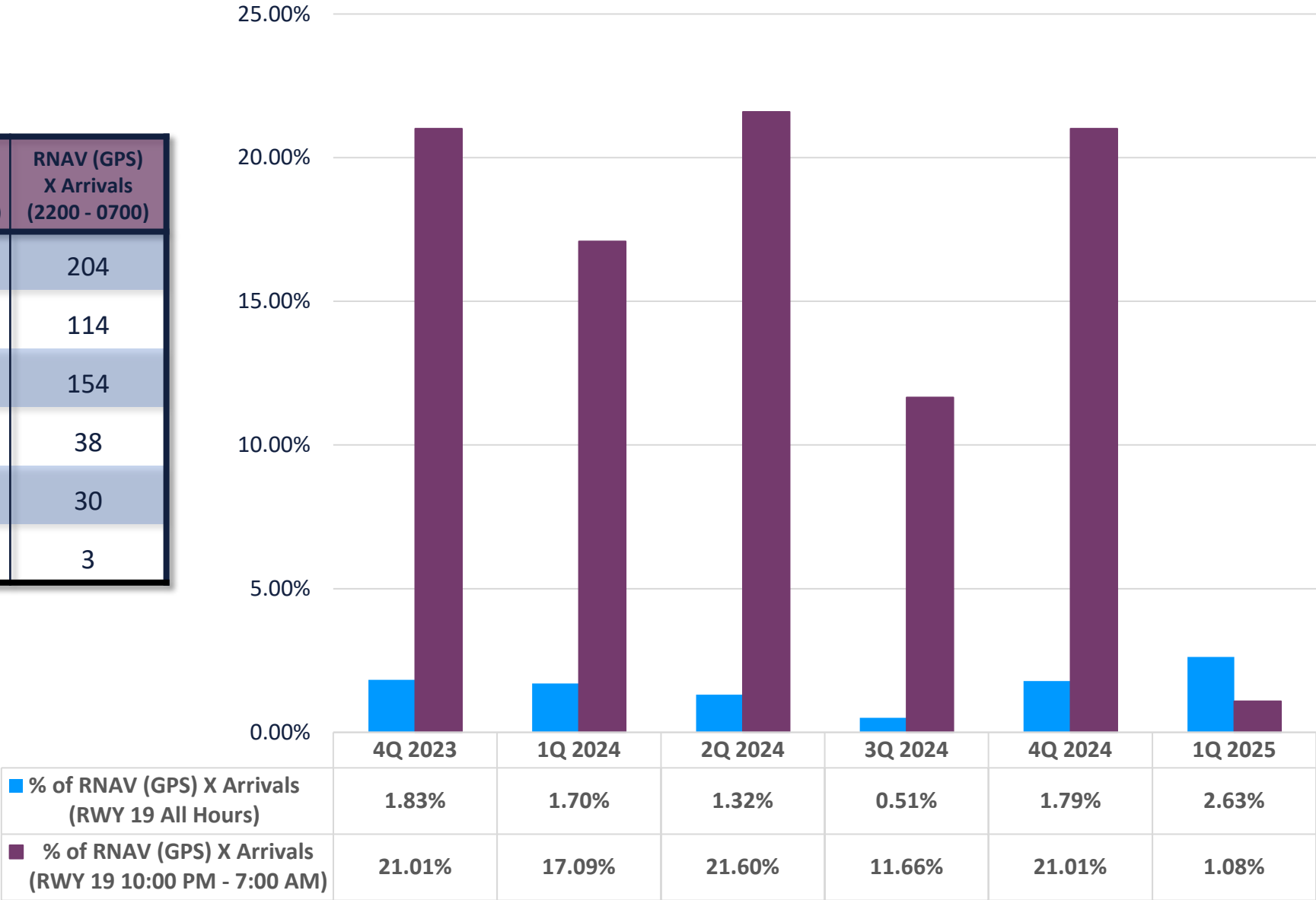
		Arrivals		Departures	
Runways	1	1,392	7.54%	4,708	25.76%
	19	8,447	45.76%	330	1.81%
	6	3,374	18.28%	159	0.87%
	24	5,248	28.43%	13,079	71.56%
		18,461		18,276	
Helicopter Routes	N	15	2.67%	14	2.50%
	E	76	13.52%	70	12.48%
	S	443	78.83%	455	81.11%
	W	28	4.98%	22	3.92%
		562		561	



RNAV (GPS) X Runway 19 Offset Approach

Utilization

Quarter Year	RWY 19 Arrivals (All Hours)	RNAV (GPS) X Arrivals (All Hours)	RWY 19 Arrivals (2200 - 0700)	RNAV (GPS) X Arrivals (2200 - 0700)
4Q 2023	11,637	208	971	204
1Q 2024	6,895	117	667	114
2Q 2024	11,398	157	713	154
3Q 2024	7,500	38	326	38
4Q 2024	10,018	35	614	30
1Q 2025	2,589	68	277	3



Availability of the RNAV (GPS) X Runway 19 approach is dependent on several factors including weather, visibility, and air traffic volume.

DNL(A)

Jan. – Mar. 2025

■ DNL(A) = Day/Night Aircraft Noise Average

RMS 102

Hamilton St.-Hasbrouck Hts.

2024	36.3
2025	33.6
2024/2025:	-2.7

RMS 101

7th & Barry-Carlstadt

2024	55.7
2025	56.1
2024/2025:	+0.4

RMS 103

Prospect Ave.-Hackensack

2024	62.6
2025	63.3
2024/2025:	+0.7

RMS 104

Park St.-Hackensack

2024	51.7
2025	48.4
2024/2025:	-3.3

RMS 105

Bogota High School-Bogota

2024	49.7
2025	50.9
2024/2025:	+1.2

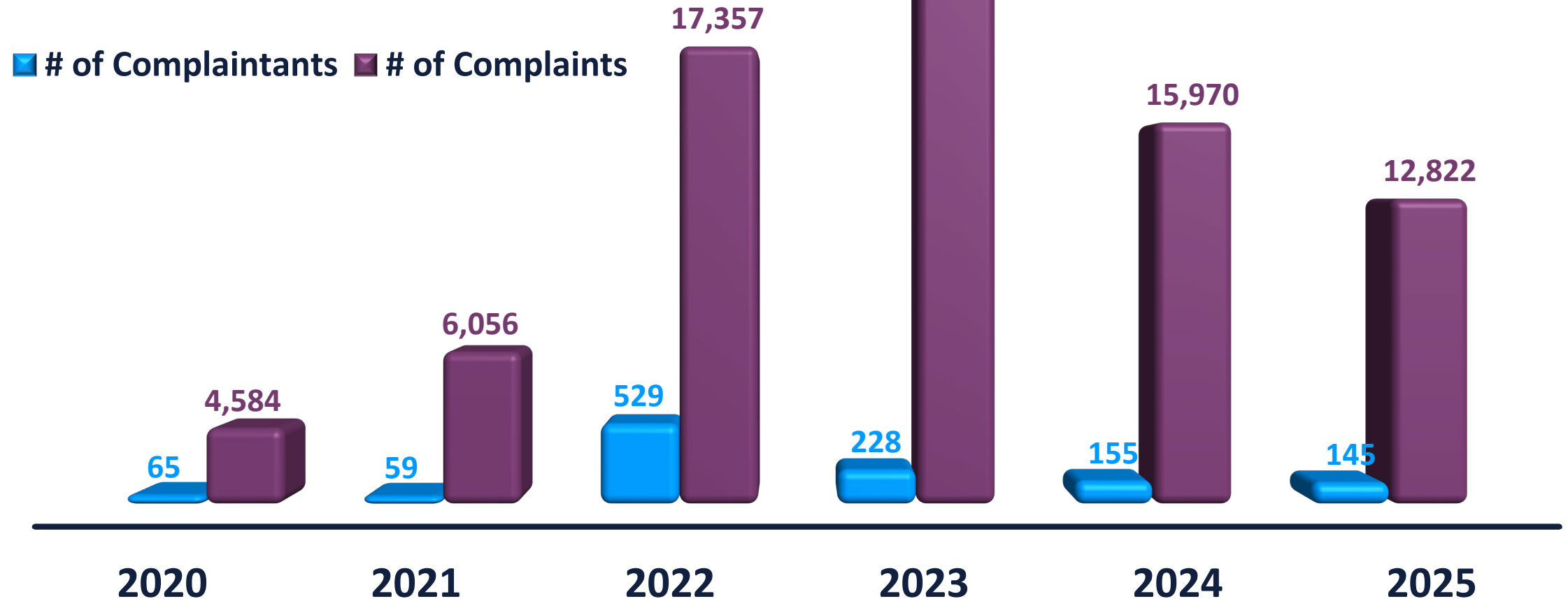
RMS 106

Joseph St.-Moonachie

2024	51.6
2025	50.0
2024/2025:	-1.6

Noise Complaints

January – March 2025



■ Third Party Applications Logged 7,812 Complaints from 11 Callers January thru March 2025.

Noise Complaints: TANAAC Members

January – March 2025

Rochelle Pk.	0	0	Bogota	1	1	Little Ferry	5	8	Hackensack	14	137
Secaucus	0	0	Hasbrouck Hts.	2	2	Wood-Ridge	2	9	Rutherford	10	214
E. Rutherford	0	0	Moonachie	2	2	S. Hackensack	3	20	Maywood	1	5,200
Teterboro	0	0	Teaneck	1	3	Third Party	2	14	Third Party	1	5,199
Ridgefield Pk.	0	0	Carlstadt	2	4						



Noise Complaints: Non-TANAAC Jan. – Mar. 2025

Alpine	1	2	Englewood	1	1	Morristown	4	633	Stanhope	3	92
Belleville	1	2	Fair Lawn	2	3	Newark	3	2,832	Third Party	1	56
Bergenfield	2	2	Harrington Park	1	3	North Bergen	3	13	Tenafly	2	2,331
Bloomfield	2	4	Hawthorne	1	1	Norwood	2	8	Third Party	1	2,114
Branchburg	1	16	Hewitt	1	11	Nutley	1	1	Upper Saddle River	7	354
Third Party	1	15	Hillsborough	1	1	Oradell	3	3	Third Party	3	344
Clifton	1	1	Hillsdale	3	9	Paramus	1	1	Washington Twp.	5	28
Closter	3	3	Lyndhurst	2	26	Park Ridge	10	61	West Orange	2	10
Cresskill	3	303	Madison	1	1	Randolph	1	3	Woodcliffe Lake	2	38
Third Party	1	33	Mahwah	5	34	River Vale	4	65	Third Party	1	37
Demarest	2	4	Montclair	1	8	South Salem	2	14	Wyckoff	2	9
Emerson	8	230	Montvale	2	61						



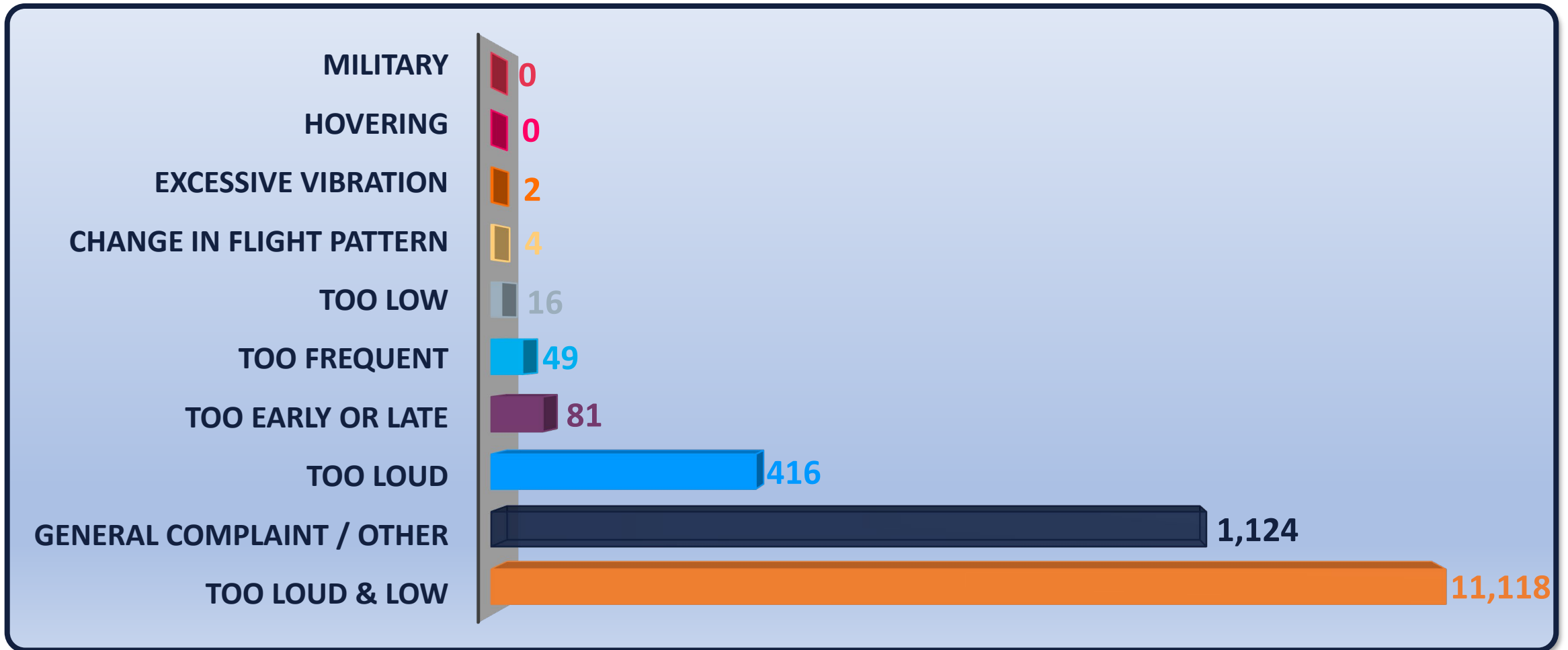
Complainants



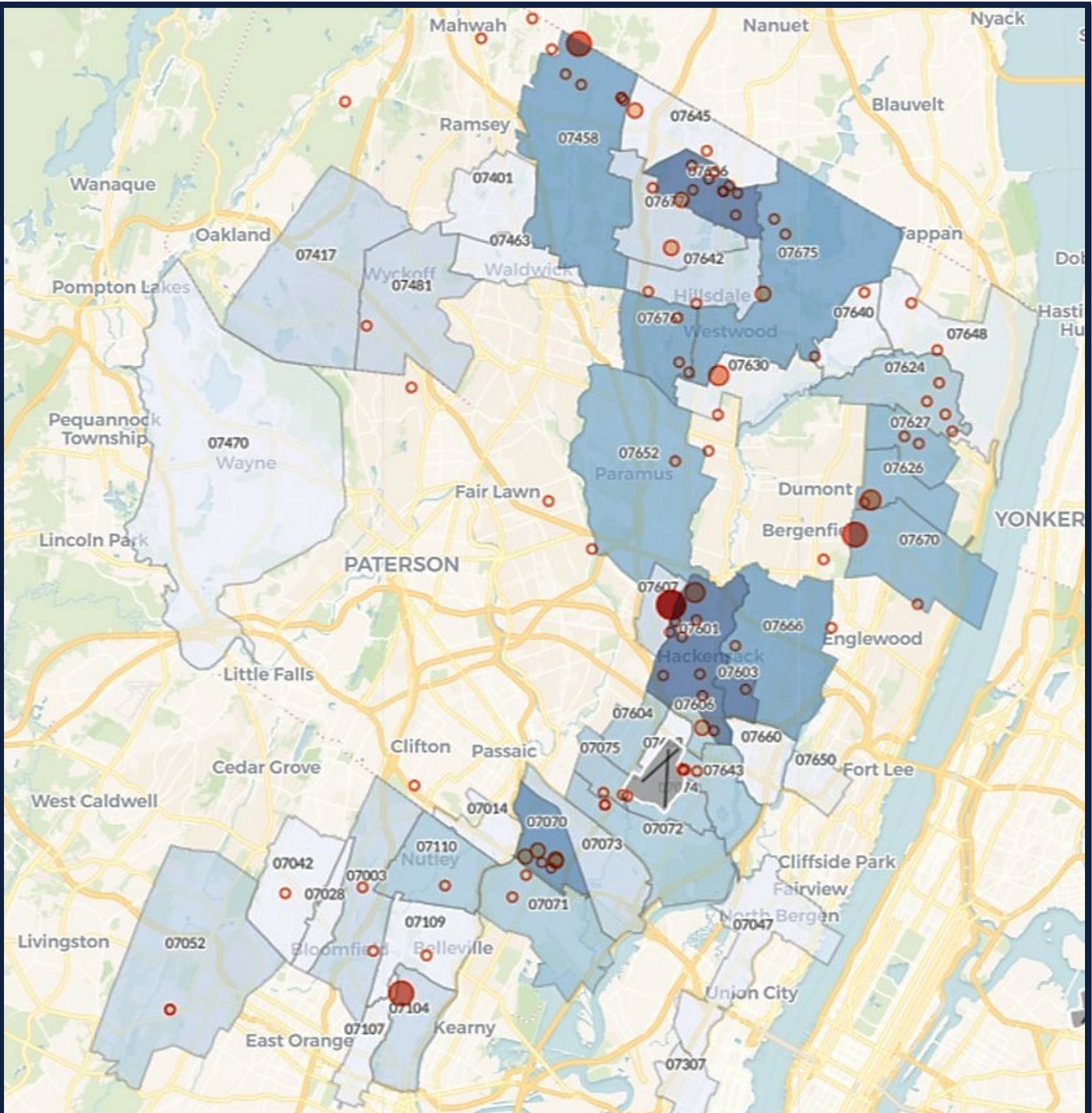
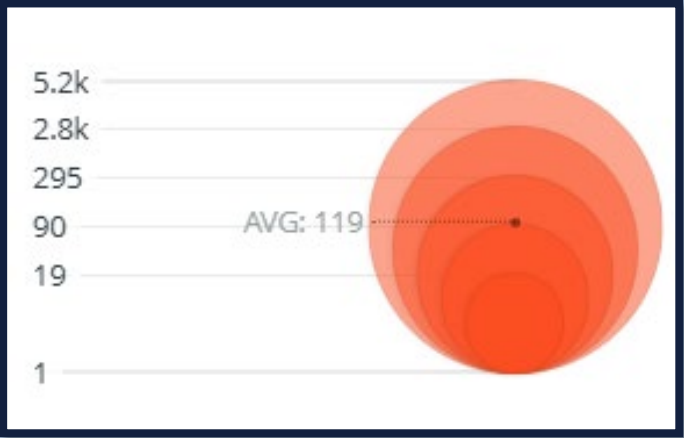
Complaints

Noise Complaints: Nature of Disturbance

January – March 2025



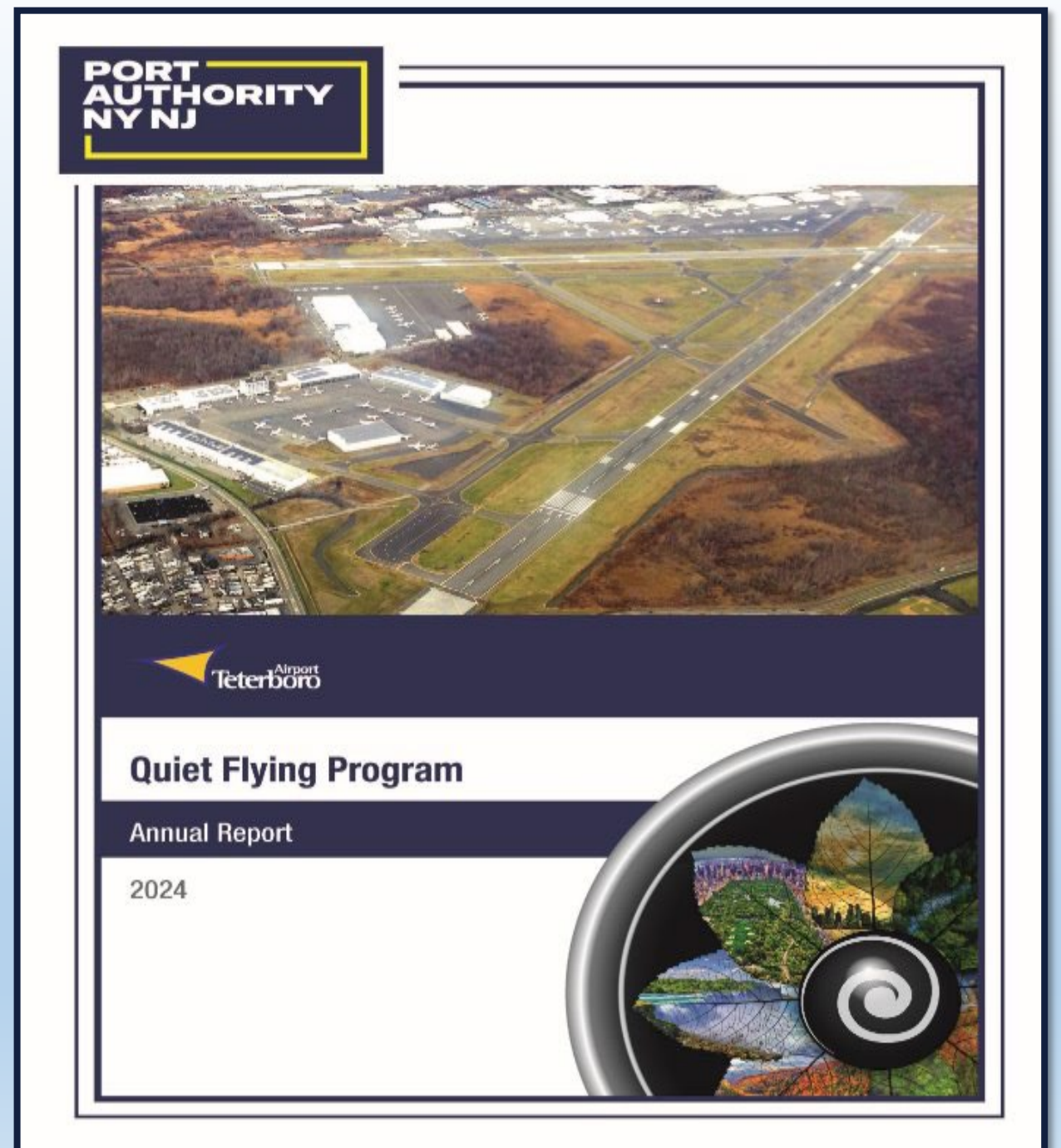
Regional Complaints 1st Quarter 2025



Fly Quiet Program Annual Report

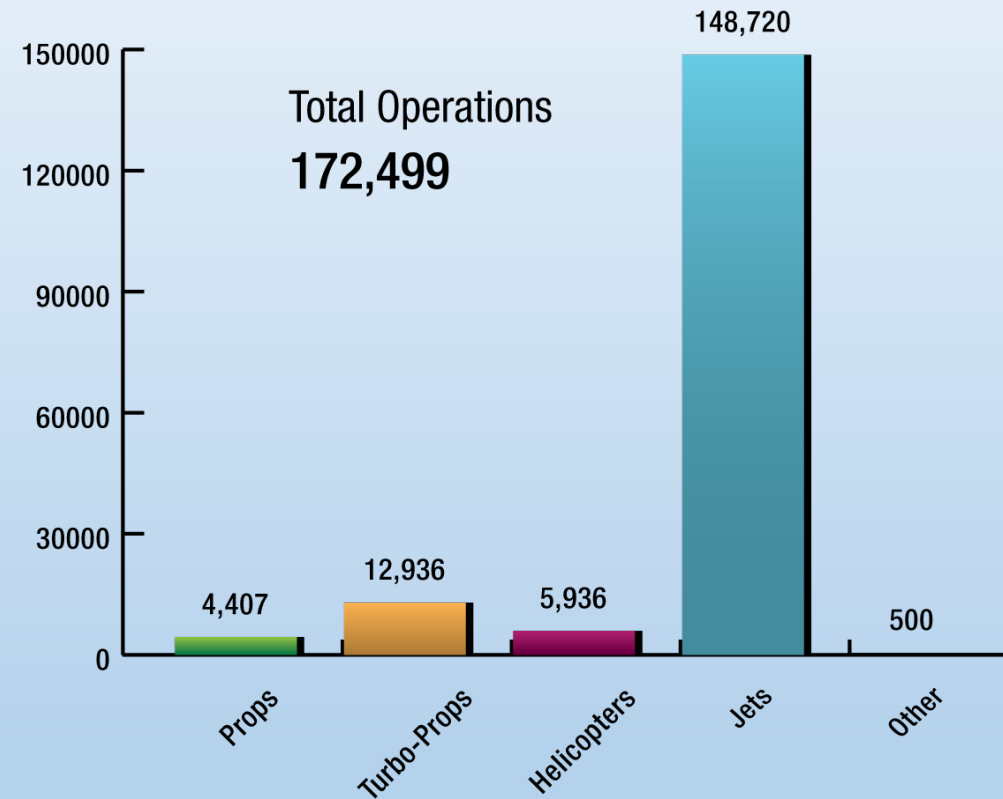


Full report available at:
aircraftnoise.panynj.gov/teb-airport-noise-office/



2024 Aircraft Operations

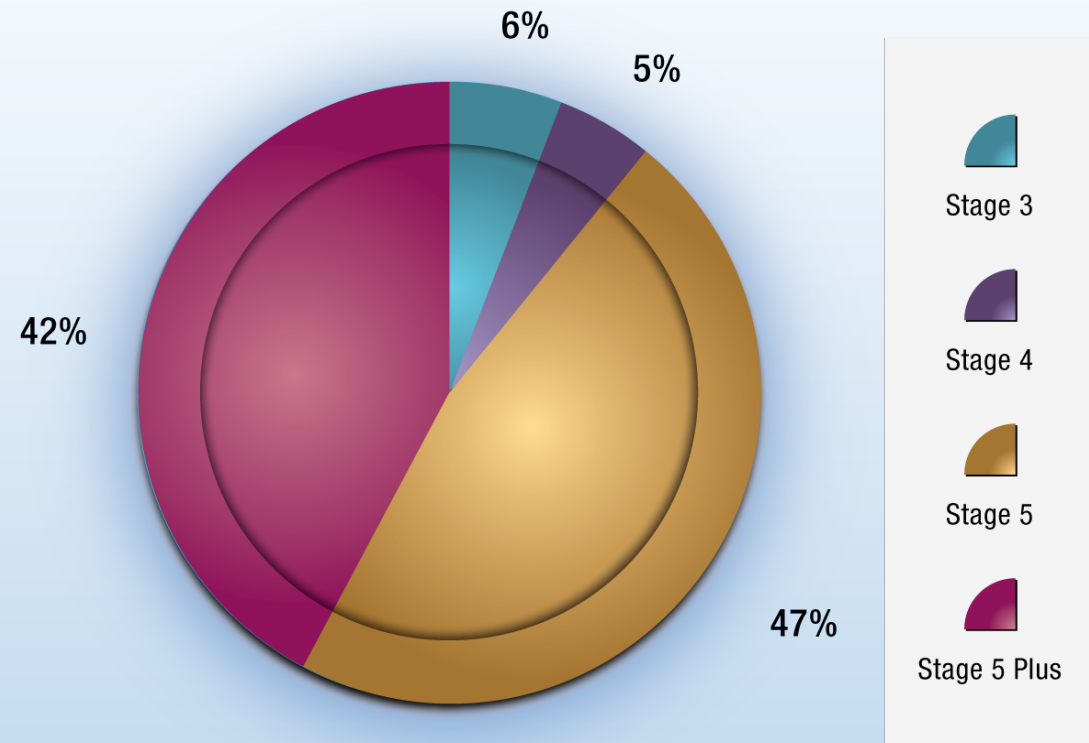
- Total annual operations were at a similar level to those of recent pre-pandemic years
- Jets accounted for 86% of total aircraft movements



Year	Total Ops
2024	172,499
2023	171,460
2022	167,137
2021	143,975
2020	84,819
2019	170,003
2018	172,101

Jet Aircraft Noise Stages

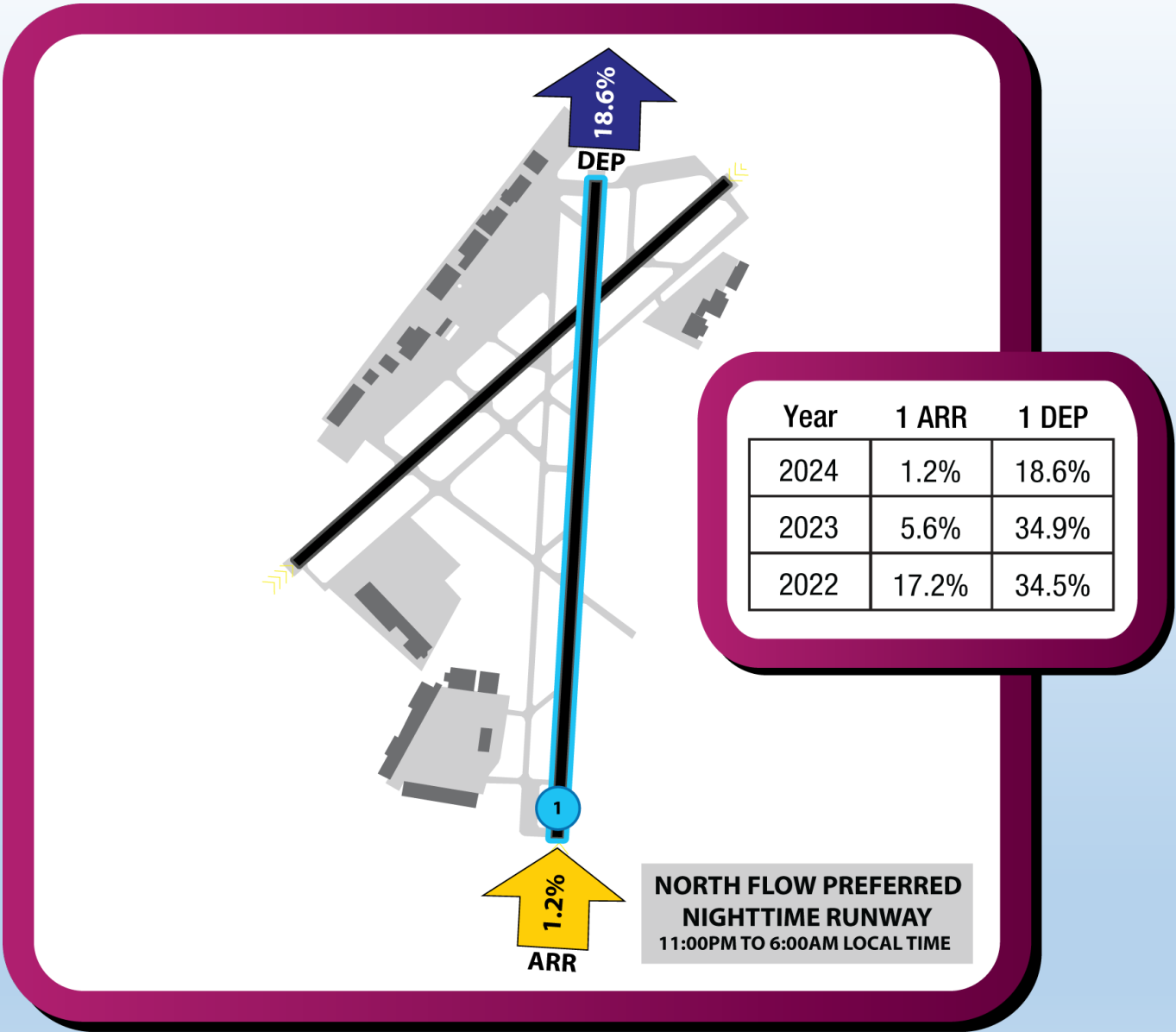
- **Stage 3:** The loudest aircraft currently allowed to operate in the US
- **Stage 4:** At least 10 decibels quieter than Stage 3 aircraft
- **Stage 5:** At least 7 decibels quieter than Stage 4 aircraft
- **Stage 5 Plus:** Not a formal noise rating, but applicable to aircraft that are rated at 5 or 10 decibels quieter than Stage 5



Year	Stage 3	Stage 4	Stage 5	Stage 5+
2024	6%	5%	47%	42%
2023	7%	6%	43%	44%
2022	8%	5%	43%	44%

Nighttime Runway Use North Flow Operations

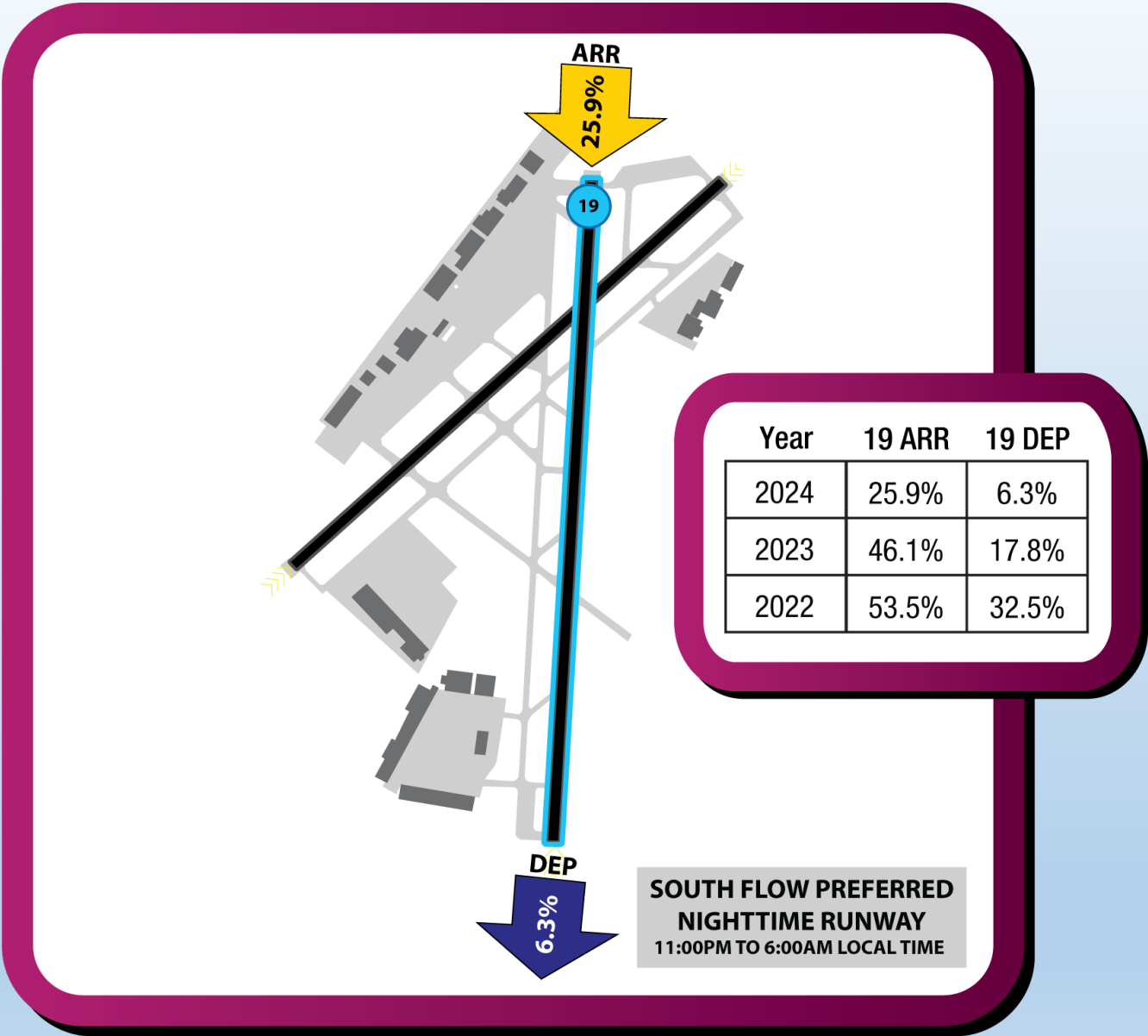
- When available, Runway 1 is the preferred for "North Flow" arrivals and departures during nighttime hours
- Nighttime use of this runway in 2024 was lower than prior years due to closures related to the Runway 1/19 Rehabilitation Project



USE OF ANY OF THE HIGHLIGHTED RUNWAYS IS ENCOURAGED FOR NOISE ABATEMENT AND THE FLY QUIET PROGRAM.

Nighttime Runway Use South Flow Operations

- When available, Runway 19 is the preferred for "South Flow" departures during nighttime hours
- The Runway 19 RNAV (GPS) X approach is the preferred noise abatement procedure for "South Flow" arrivals during nighttime hours
- Nighttime use of this runway in 2024 was lower than prior years due to closures related to the Runway 1/19 Rehabilitation Project



USE OF ANY OF THE HIGHLIGHTED RUNWAYS IS ENCOURAGED FOR NOISE ABATEMENT AND THE FLY QUIET PROGRAM.

Teterboro Airport Good Neighbor Awards

2024 - Winners

- The Dow Chemical Co.
- Citation Management
- KM Ventures, LLC
- Pentastar Aviation
- RLV Industries Inc.
- Wings Flights of Hope Inc.
- White Mountains Capital Inc.
- DRW Aviation, LLC
- Gulfstream Aerospace
- Corporate Air, LLC
- Stryker, LLC
- Gruss & Company
- Phillip Fernandez
- Oliver Sterling
- ROP Aviation Inc.
- Jet Aviation Business Jets Inc.
- 2J2G, LLC

Committee Open Discussion



Guest Comments / Questions



Thank you for your Attendance



THE NEXT TANAAC MEETING IS SCHEDULED FOR:
JULY 16, 2025