



Teterboro Aircraft Noise Abatement Advisory Committee

Half Year 2023 Meeting

July 26, 2023

TANAAC Meeting Agenda

July 26, 2023

Welcome / Introduction	Maria Sheridan - Mgr. / TANAAC Co-Chair, Teterboro Airport - Port Authority of NY & NJ Paul Griffo - Designated Representative / TANAAC Co-Chair - Borough of Rutherford
Letter of Request to FAA for Proposed Noise Abatement Measures	Maria Sheridan - Mgr. / TANAAC Co-Chair, Teterboro Airport - Port Authority of NY & NJ Paul Griffo - Designated Representative / TANAAC Co-Chair - Borough of Rutherford FAA
Operations Update	Scott Marsh - Mgr., Operations & Security, Teterboro Airport - Port Authority of NY & NJ
Noise Office Statistical Report: <ul style="list-style-type: none">■ 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 Matthew Reese - Specialist, Noise Abatement Office Teterboro Airport - Avports
TANAAC Co-Chair Nomination	Maria Sheridan - Mgr. / TANAAC Co-Chair, Teterboro Airport - Port Authority of NY & NJ
Committee Comments / Questions	
General Discussion / Questions	

Letter of Request to FAA for Proposed Noise Abatement Measures

- **Maria Sheridan**
Manager / TANAAC Co-Chair
Teterboro Airport
Port Authority of NY & NJ
 - **Paul Griffo**
Designated Representative /
TANAAC Co-Chair
Borough of Rutherford
 - **FAA**
- Review the feasibility of developing and publishing an offset approach procedure to Runway 6. This proposed procedure would serve to supplement the current ILS RWY 6 approach to reduce the number of aircraft flying over the Borough of Rutherford and neighboring communities.
 - Implement a Published Approach Procedure to Runway 1 and increase usage of this runway for arrivals. This measure would reduce noise impacts to communities south of the airport, including residential areas within the 65 Day-Night Average Sound Level (DNL) contour depicted on the 14 CFR Part 150 Noise Exposure Map (NEM).
 - Increase usage of the RNAV (GPS) X RWY 19 approach during daytime hours by advertising this procedure on the TEB Automatic Terminal Information Service (ATIS) as the approach in use during daytime hours on Saturdays and non-peak daytime hours on Sundays. This measure would further reduce noise impacts in the City of Hackensack and several communities north of the airport.
 - Review the feasibility of increasing aircraft altitude at the Initial Approach Fix, UNVIL, for the ILS RWY 19 and RNAV (GPS) Y RWY 19 approaches from 2,000 ft. to 3,000 ft. This measure would reduce noise impacts in Pascack Valley communities.



TEB Airport Operations Update

- **Scott Marsh** – Manager, Operations and Security, Teterboro Airport - Port Authority of NY & NJ



Teterboro Aircraft Noise Abatement Advisory Committee
Half Year 2023 Statistical Report
Presented by the TEB Noise Abatement Office

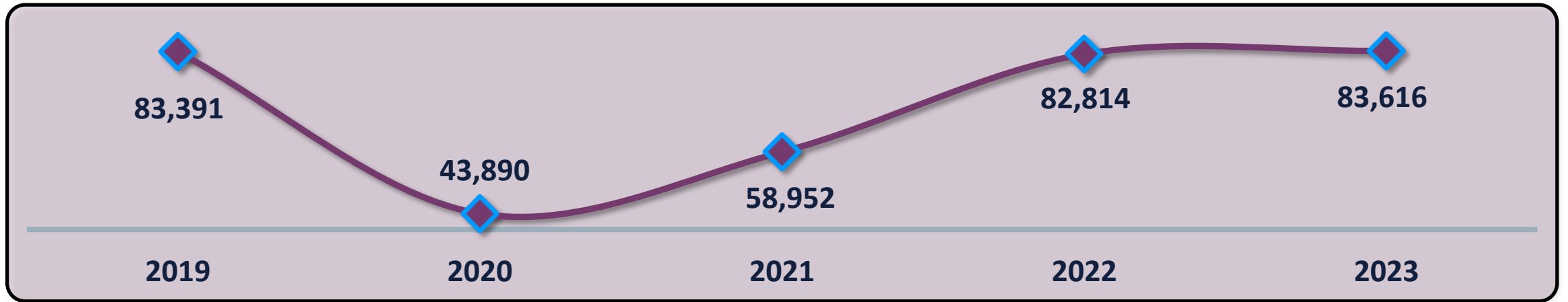
Gabriel Andino
Manager
Noise Abatement &
Environmental Compliance

Michael Fiscus
Asst. Manager
Noise Abatement &
Environmental Compliance

Matthew Reese
Specialist
Noise Abatement &
Environmental Compliance

Airport Activity Report

Half Year 2023

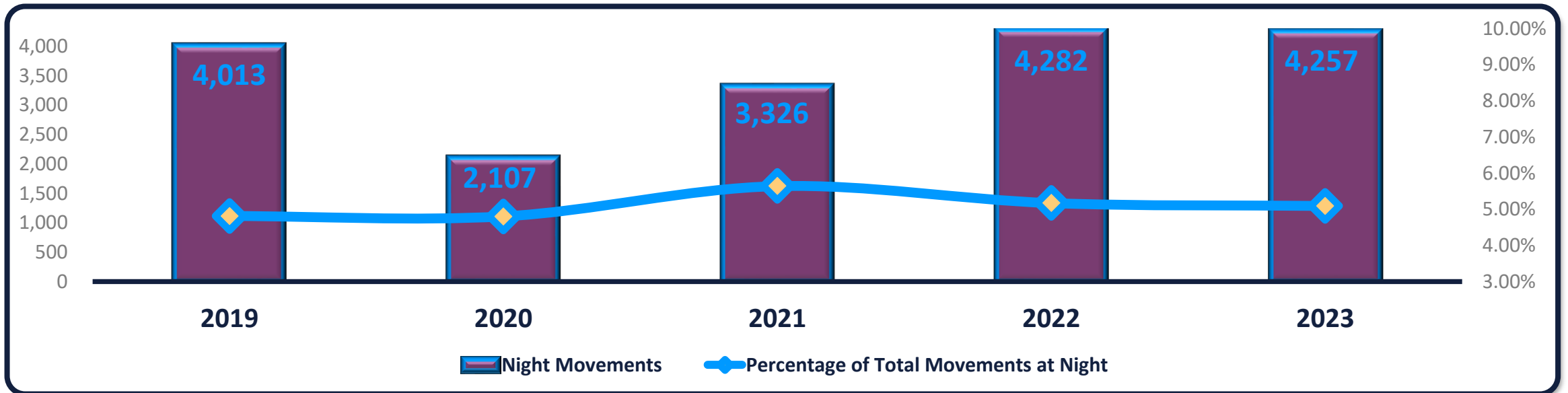


Movements	2019	2020	2021	2022	2023	2019/2020	2020/2021	2021/2022	2022/2023
Props	2,195	935	1,880	2,160	2,392	-57.40%	101.07%	14.89%	10.74%
Turbo-Props	5,882	2,699	4,019	5,993	5,705	-54.11%	48.91%	49.12%	-4.81%
Helicopters	3,929	1,509	1,429	2,456	2,857	-61.59%	-5.30%	71.87%	16.33%
Jets	70,909	38,590	51,392	71,920	72,317	-45.58%	33.17%	39.94%	0.55%
Totals:	83,391	43,890	58,952	82,814	83,616	-47.37%	34.32%	40.48%	0.97%

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

Airport Activity Report

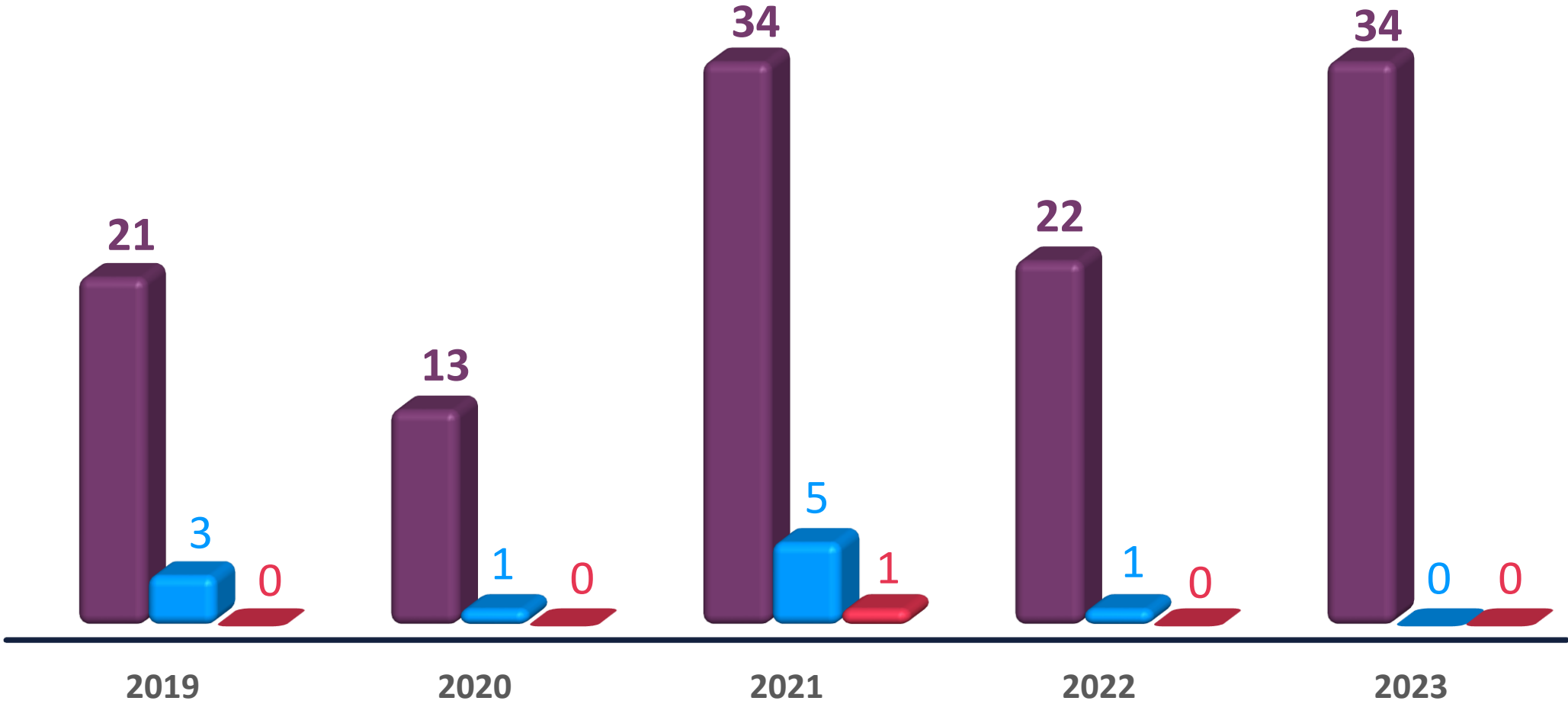
Half Year 2023 (11:00p.m. – 6:00a.m.)



Year	Nighttime Aircraft Movements	Total Aircraft Movements	% of Total Movements at Night
2019	4,013	83,391	4.81%
2020	2,107	43,890	4.80%
2021	3,326	58,952	5.64%
2022	4,282	82,814	5.17%
2023	4,257	83,616	5.09%

Noise Violations

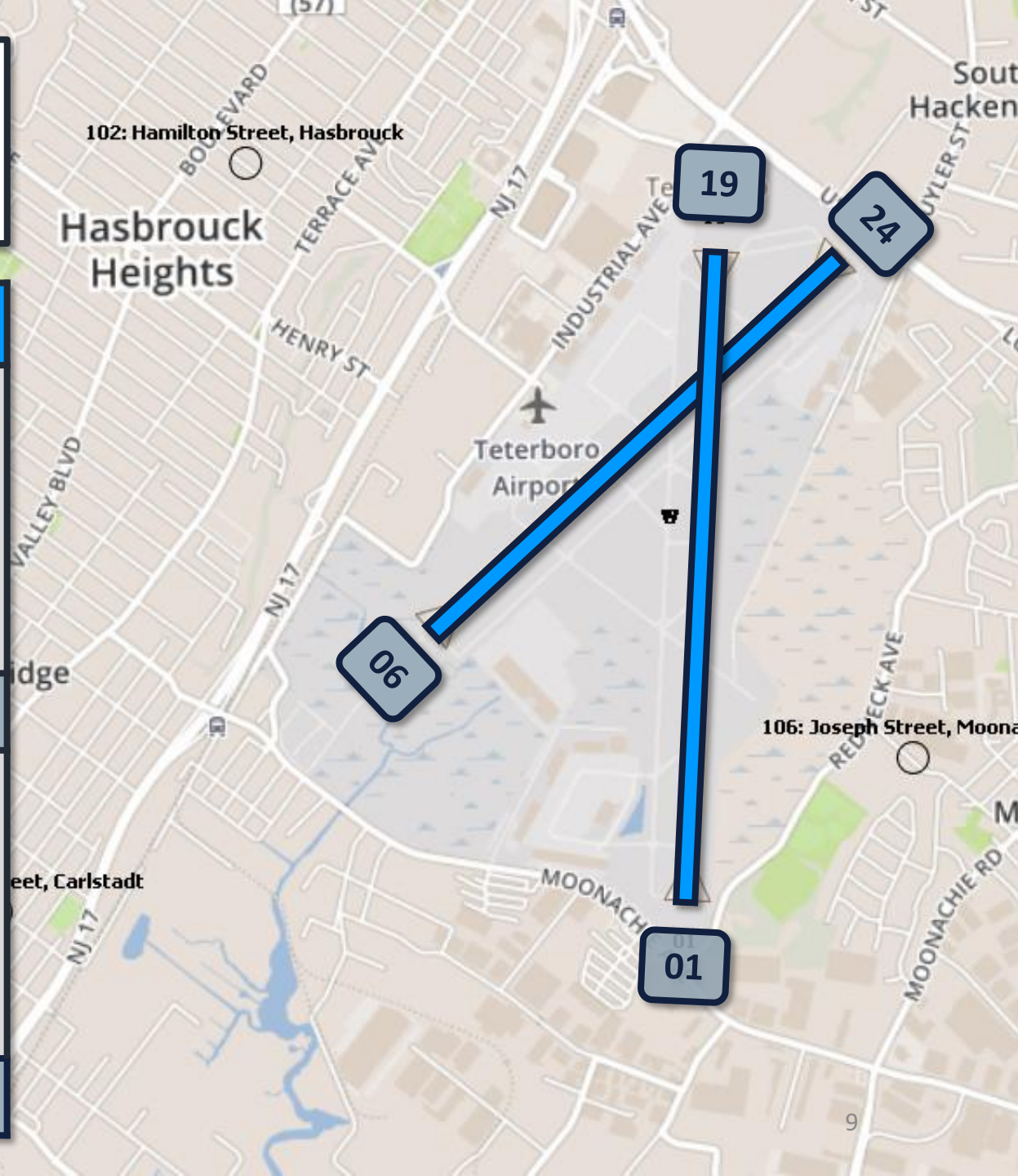
Half Year 2023



Runway Utilization

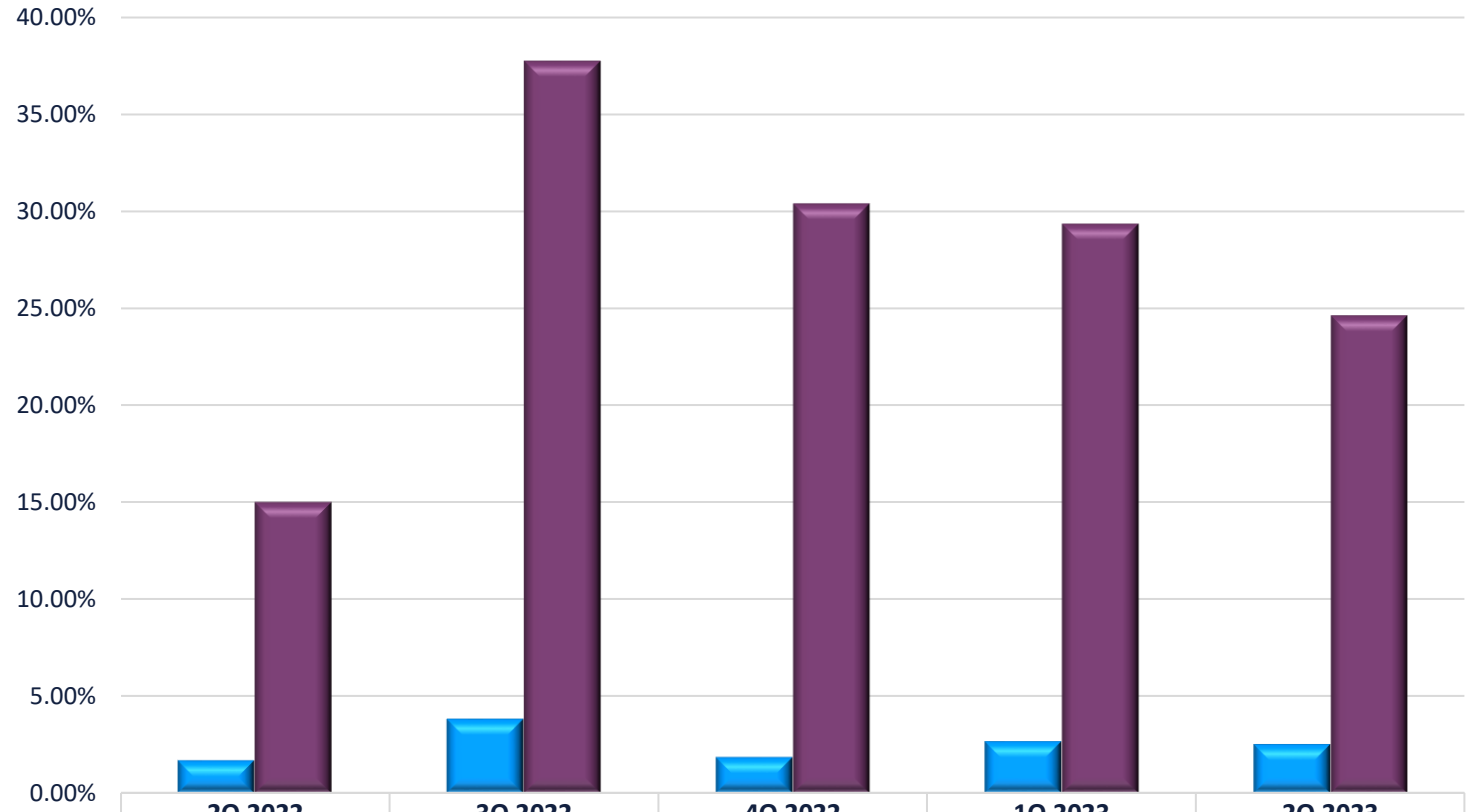
Half Year 2023

		Arrivals		Departures	
Runways	1	2,388	5.88%	14,972	37.29%
	19	20,994	51.71%	1,108	2.76%
	6	12,998	32.01%	1,137	2.83%
	24	4,222	10.40%	22,936	57.12%
		40,602		40,153	
Helicopter Routes	N	77	5.40%	76	5.46%
	E	150	10.51%	134	9.63%
	S	1,112	77.93%	1,104	79.37%
	W	88	6.17%	77	5.54%
		1,427		1,391	



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)
3Q 2021	12,734	120	1,216	115
4Q 2021	13,104	21	1,129	8
1Q 2022	8,965	79	767	76
2Q 2022	11,486	193	1,203	181
3Q 2022	11,686	443	1,146	433
4Q 2022	11,612	333	1,081	329
1Q 2023	8,105	215	711	209
2Q 2023	12,025	301	1,196	295



	2Q 2022	3Q 2022	4Q 2022	1Q 2023	2Q 2023
■ % of RNAV (GPS) X Arrivals (RWY 19 All Hours)	1.68%	3.79%	1.85%	2.65%	2.50%
■ % of RNAV (GPS) X Arrivals (RWY 19 10:00 PM - 7:00 AM)	15.05%	37.78%	30.43%	29.40%	24.67%

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

DNL(A) Half Year 2023

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

RMS 103
Prospect Ave.-Hackensack

2022	60.7
2023	60.5
2022/2023:	-0.2

RMS 104
Park St.-Hackensack

2022	52.0
2023	53.2
2022/2023:	+1.2

RMS 105
Bogota High School-Bogota

2022	47.7
2023	48.2
2022/2023:	+0.5

RMS 102
Hamilton St.-Hasbrouck Hts.

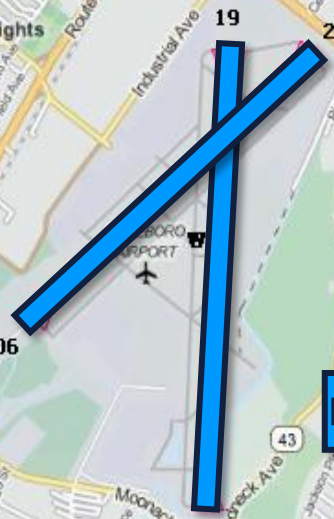
2022	35.4
2023	35.3
2022/2023:	-0.1

RMS 101
7th & Barry-Carlstadt

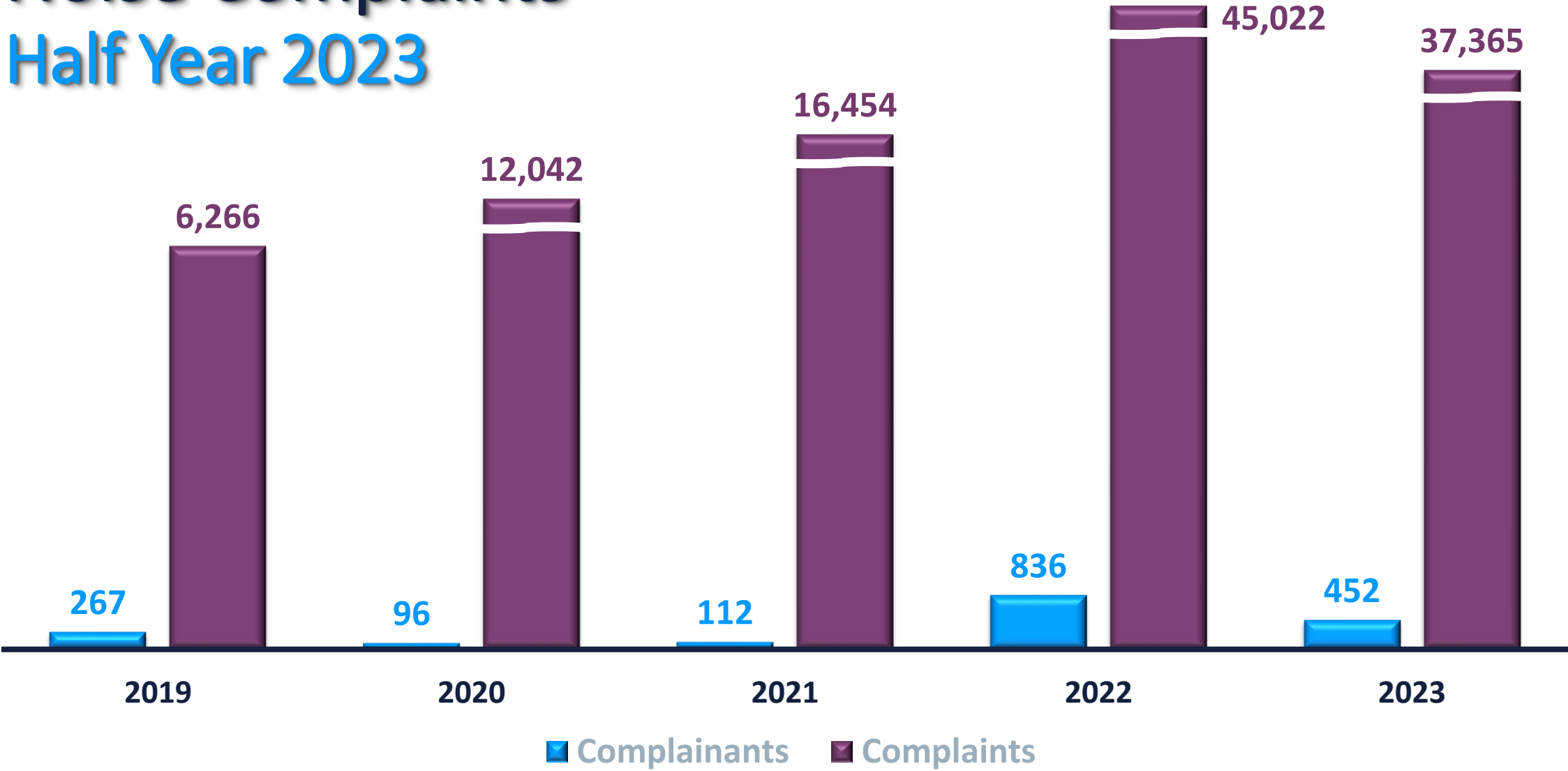
2022	57.2
2023	57.1
2022/2023:	-0.1

RMS 106
Joseph St.-Moonachie

2022	51.8
2023	51.8
2022/2023:	0.00



Noise Complaints Half Year 2023

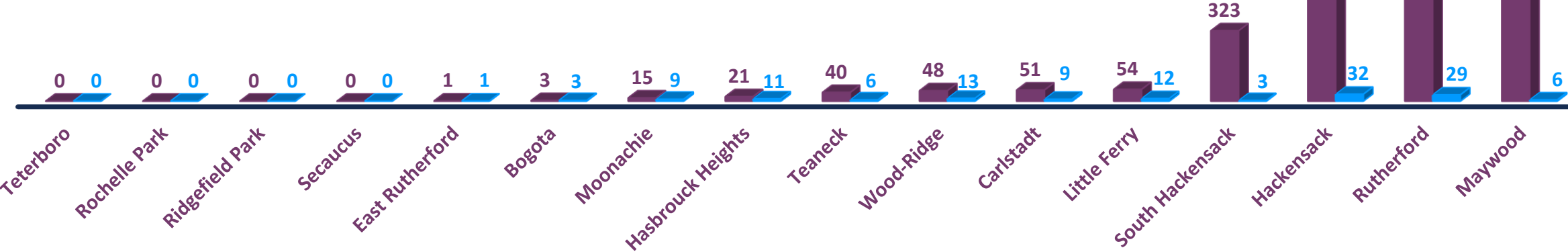


■ Third Party Applications Logged 19,631 Complaints from 29 Complainants.

Noise Complaints: TANAAC Members

Half Year 2023

Teterboro	0	0	Bogota	3	3	Wood-Ridge	13	48	Hackensack	32	1,908
Rochelle Park	0	0	Moonachie	9	15	Carlstadt	9	51	Third Party	5	1,495
Ridgefield Pk.	0	0	Third Party	1	1	Little Ferry	12	54	Rutherford	29	2,216
Secaucus	0	0	Hasbrouck Hgts.	11	21	Third Party	3	34	Maywood	6	16,845
East Rutherford	1	1	Teaneck	6	40	S. Hackensack	3	323	Third Party	1	16,595



 **Complainants**

 **Complaints**

Noise Complaints: Non-TANAAC - Half Year 2023

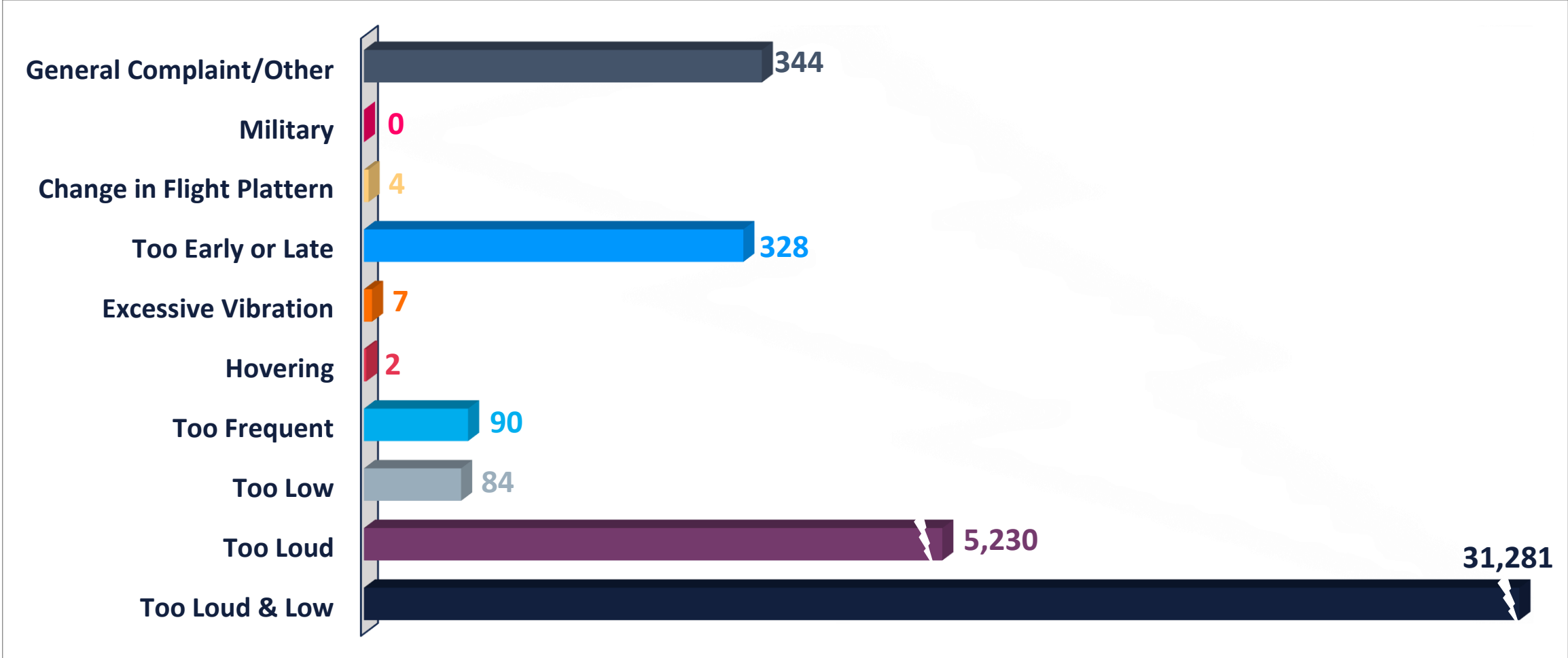
Airmont	1	1	Green Brook	1	1	North Bergen	1	2	South Salem	2	172
Allendale	2	2	Hawthorne	1	2	North Haledon	1	1	Third Party	2	172
Alpine	1	2	Harrison	1	1	Norwood	4	4	Staten Island	4	18
Belleville	1	2	Third Party	1	1	Nutley	2	2	Tenafly	17	1,205
Bergenfield	9	70	Hewitt	1	211	Oradell	3	12	Third Party	1	941
Bloomfield	4	18	Hillsdale	8	25	Paramus	8	11	Vauxhall	2	36
Cedar Grove	1	1	Huntington	1	2	Park Ridge	16	125	Upper Saddle River	17	196
Closter	11	13	Islip	1	2	Pearl River	1	1	Third Party	3	35
Cranford	1	1	Kearny	1	1	Purchase	4	91	Waldwick	1	2
Cresskill	7	224	Kenilworth	1	1	Third Party	4	91	Washington Twp.	9	62
Third Party	1	30	Hopatcong	1	1	Ramsey	3	3	West Orange	1	2
Demarest	29	102	Lyndhurst	14	1,746	Ridgefield	1	10	Westfield	1	1
Emerson	8	318	Mahwah	23	198	River Edge	1	1	Westwood	7	60
Englewood Cliffs	2	2	Montclair	5	9	River Vale	7	19	Woodcliff Lake	28	307
Flushing	1	2	Montvale	11	17	Third Party	1	1	Third Party	2	146
Fort Lee	1	1	New Milford	2	2	Rockaway	1	108	Wyckoff	5	13
Franklin Lakes	3	35	New Toronto	1	2	Saddle River	1	72	Yonkers	1	6
Third Party	3	33	Newark	12	10,460	South Orange	2	3			

 **Complainants**

 **Complaints**

Noise Complaints: Nature of Disturbance

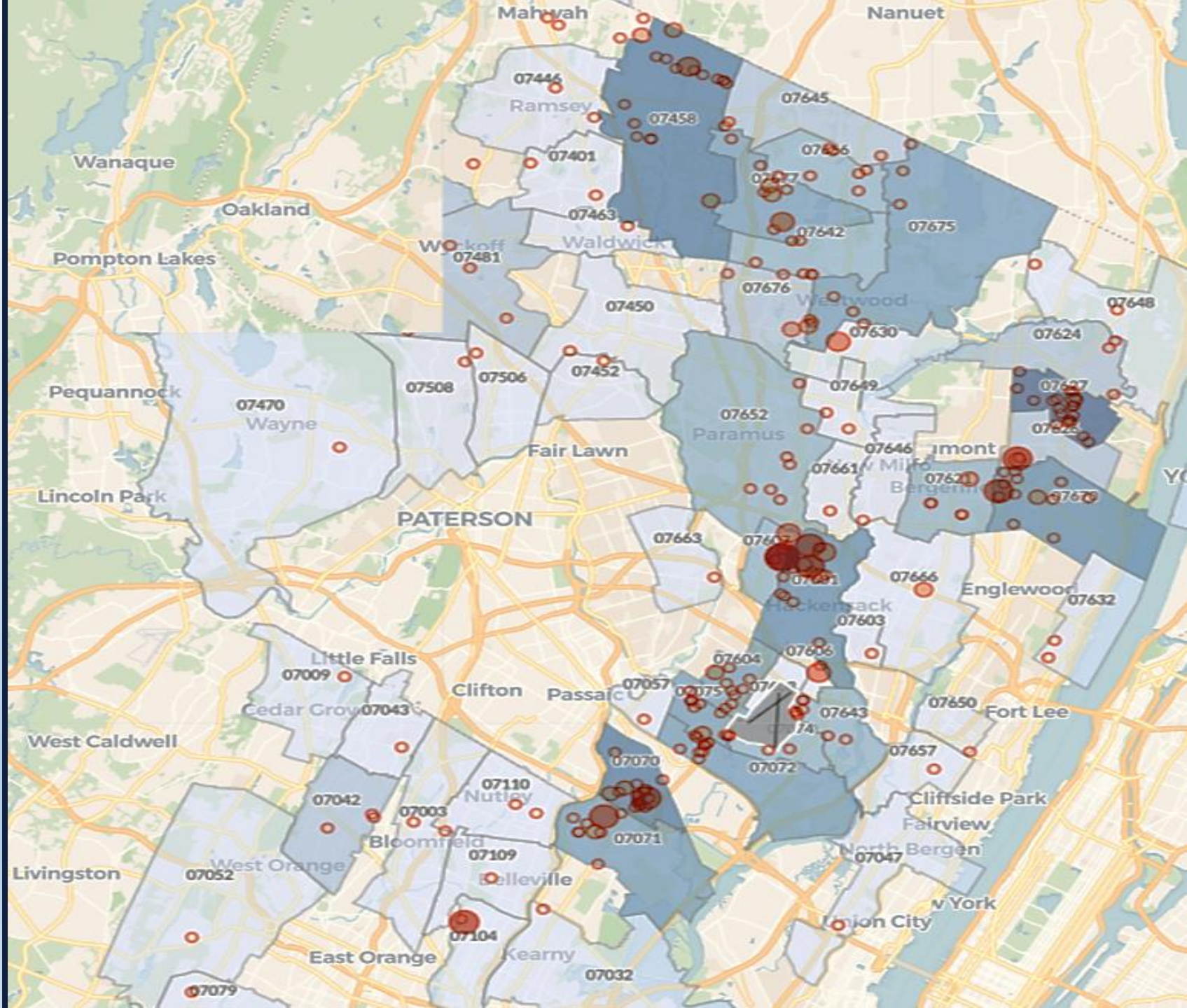
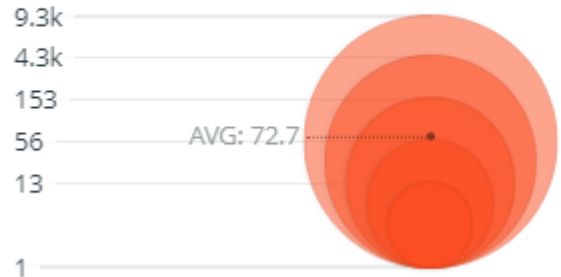
Half Year 2023



Regional Complaints

2nd Quarter 2023

KTEB Q2 2023





TANAAC Co-Chair Nomination

- **Maria Sheridan** - Manager / TANAAC Co-Chair, Teterboro Airport - Port Authority of NY & NJ

TANAAC Voting Members and Representatives

Member	Mayor / Official	Designated Representatives
Borough of Bogota	Christopher M. Kelemen	Councilwoman JoEllen Granquist
Bergen County	James J. Tedesco III	Principal Planner Peter Kortright
Borough of Carlstadt	Robert Zimmerman	
Borough of East Rutherford	Jeffrey L. Lahullier	Councilman George Cronk
City of Hackensack	John P. Labrosse Jr.	Deputy Mayor Kathleen Canestrino
Borough of Hasbrouck Heights	John DeLorenzo III	Councilman Ron Kistner
Borough of Little Ferry	Mauro Raguseo	Councilpersons George Muller / Lisette Duffy
Borough of Maywood	Richard Bolan	
Borough if Moonachie	Dennis Vaccaro	Councilpersons Karen Surak / Manuel Martinez
Village of Ridgefield Park	John H. Anlian	Commissioner Wanda Porterorreal
Township of Rochelle Park	Vacant	Roy Luyster / Dave Kingma
Borough of Rutherford	Frank Nunziato	Co-Chair Paul Griffo
Town of Secaucus	Michael Gonnelli	Councilman William McKeever
Township of South Hackensack	Gary Brugger	Committee Member Frank Cagas
Township of Teaneck	Michael Pagan	
Borough of Teterboro	John P. Watt	
Borough of Wood-Ridge	Paul S. Sarlo	Borough Clerk Gina Affuso

Committee Comments / Questions





General Discussion / Questions

Thank you for your Attendance



**THE NEXT TANAAC MEETING IS SCHEDULED
FOR OCTOBER 25, 2023**