Airport Teterboro

THE PORT AUTHORITY OF NY & NJ

Teterboro Aircraft Noise Abatement Advisory Committee

2016 Year End Report

Gabriel Andino
Manager
Noise Abatement & Environmental Compliance

Michael Fiscus
Asst. Manager
Noise Abatement & Environmental Compliance

Dan Gardon
Specialist
Noise Abatement & Environmental Compliance

TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE

- Introduction
- Overview of TANAAC
- Introduction to “Understanding Noise and its Measurement”
  - Noise Measurement Metrics and Airport Noise Rules
- Old Business
- New Business
  - Noise Abatement Manager’s Full year Report
    - Aircraft Activity
    - Noise Readings
    - Noise Complaints
    - Aircraft Noise Violations
- Committee Members Proposals
- General Discussion
- Adjournment

January 25, 2017

T.A.N.A.A.C.

Teterboro Aircraft Noise Abatement Advisory Committee

- TANAAC was established on February 26, 1987
- The main purpose of the committee is to establish a meaningful dialogue between the airport community and the residential communities.
- The primary goal was to enhance the quality of life of the residents of local communities while insuring the efficient operation of the airport.
- TANAAC is comprised of:
  - Locally elected officials
    - Mayors, State Assembly & Senate Members, and Members of Congress
  - Duly appointed alternate members (Alternate members must have a letter from an official member on record appointing them as an alternate.)
  - Bergen County Executive and Freeholder Chairperson
  - Members of the Aviation Community
  - Airport Manager - FAA Tower Manager
  - Fixed Base Operators and Heads of Corporate Flight Departments
- One vote per member with the exception of the Airport Manager who will <u>only</u> vote in the case of a tie.
- The general public may attend as observers of the proceedings.
- A copy of the TANAAC Overview, Membership, Mission Statement, and By-Laws, can be found in the provided packet along with an Introduction to “Understanding Noise and its Measurement.”

Teterboro Airport Noise Abatement Rules:

- Maximum Noise Levels
  - Runway 24:
    - 80 dB(A) Between the hours of 2200L and 0700L
    - 90 dB(A) Between the hours of 0700L and 2200L
  - Runway 01, 06, & 19:
    - 95 dB(A) All Hours.
  - Helicopter Departure Routes:
    - 95 dB(A) All Hours.

- If a departure from Teterboro is measured to be in excess of the Maximum Noise Level associated with the runway used for that operation, a violation shall be mailed to the owner of the aircraft.

- First and Second violations shall be kept for two years (from the date of the violation); upon the violations' second anniversary, it will be downgraded or expunged.

- *A Third Violation* within a two year period results in the permanent banishment of that aircraft from future operation at Teterboro Airport

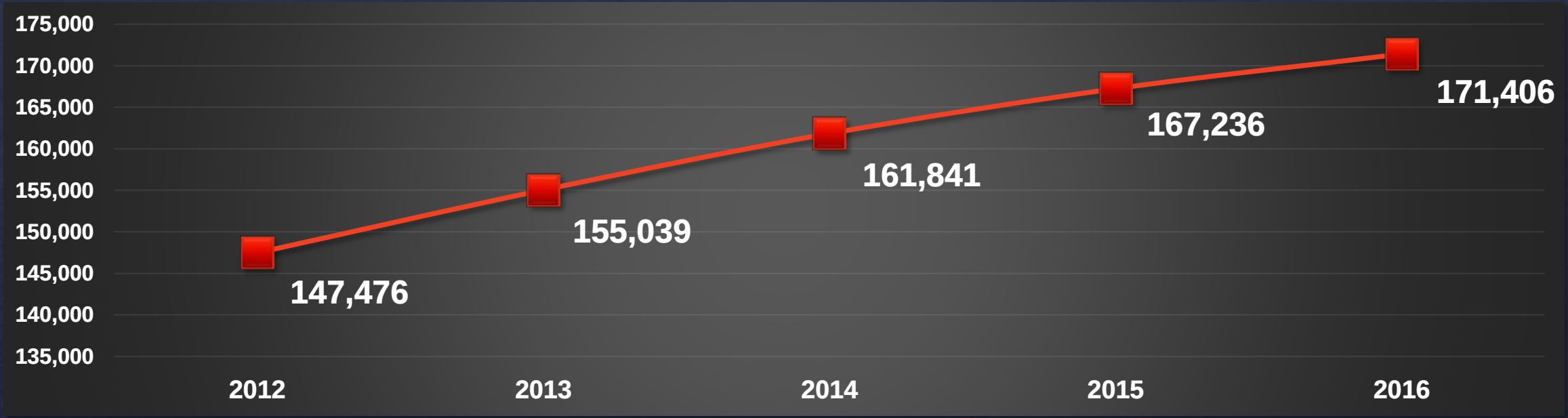
Old Business:

- C.R.A.F.T. (Concerned Residents Along the Flight path of Teterboro)
- 14 CFR Part 150 Study
  - Ted Baldwin, HMMH

New Business:

- Teterboro Helicopter Operations
  - Jeff Smith – Eastern Region Helicopter Council
  - Gary Palm – TEB Air Traffic Control Tower Manager

Airport Activity Report – Full Year 2016



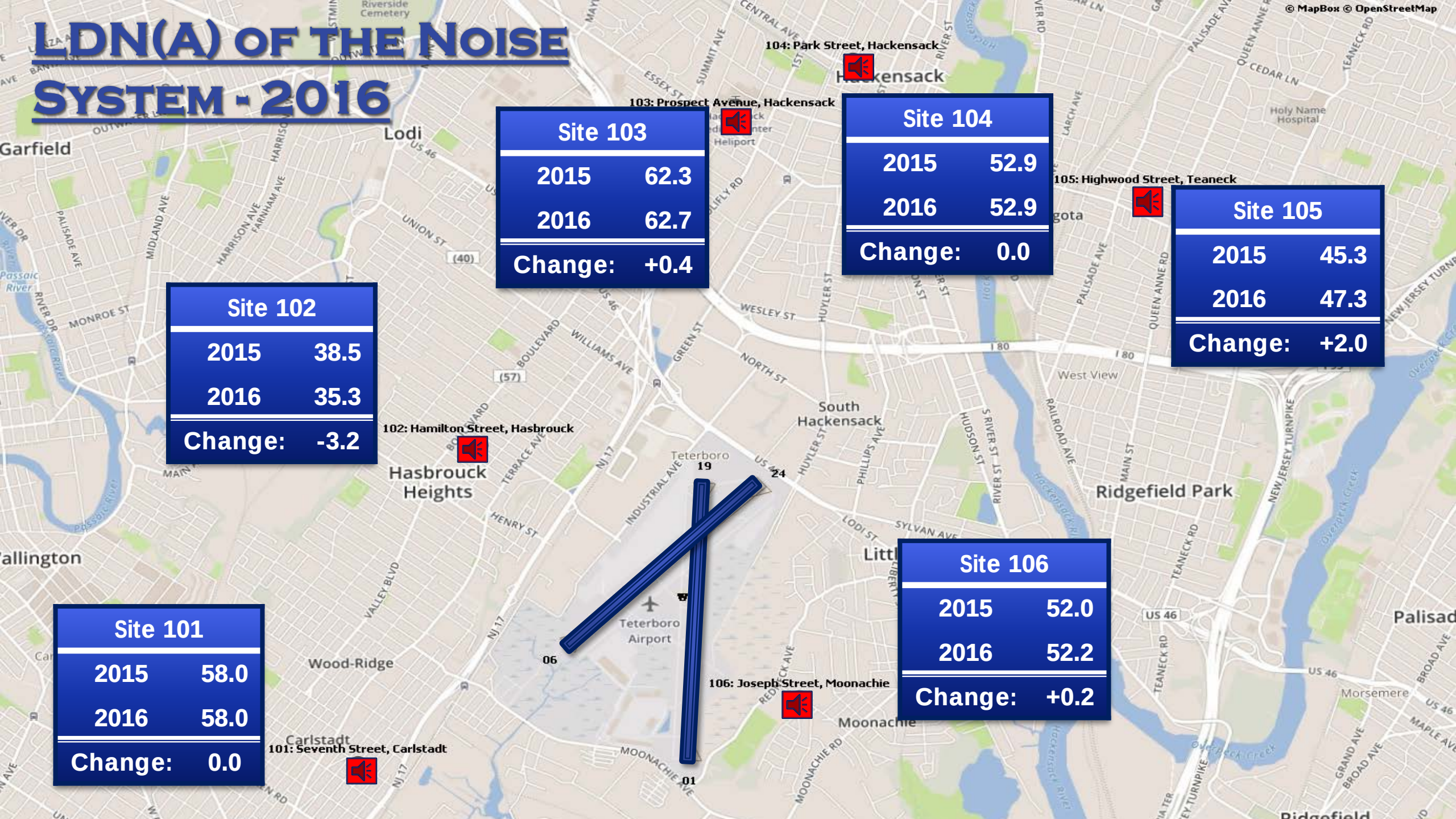
	Movements					Change			
	2012	2013	2014	2015	2016	2012/2013	2013/2014	2014/2015	2015/2016
Props:	8,508	7,159	6,280	6,696	6,253	-15.86%	-12.28%	6.62%	-6.62%
Turbo-Props:	11,856	11,234	12,629	13,478	14,720	-5.25%	12.42%	6.72%	9.22%
Helicopters:	6,658	7,549	8,192	8,856	11,497	13.38%	8.52%	8.11%	29.82%
Jets:	120,140	128,608	134,267	137,721	138,373	7.05%	4.40%	2.57%	0.47%
Total:	147,476	155,039	161,841	167,236	171,406	5.12%	4.39%	3.33%	2.49%

Total Aircraft Movements are Inclusive of Missed Approaches and Touch-and-Go Operations.

2016 Night Time Movements (11:00p.m. – 6:00a.m.)

Year	Night Time Aircraft Movements	Total Aircraft Movements	Percentage of Total Movements at Night
2012	9,035	147,476	6.13%
2013	9,254	155,032	5.97%
2014	8,096	161,842	5.00%
2015	8,047	166,751	4.83%
2016	8,299	170,843	4.86%

LDN(A) of the Noise System - 2016



Site 103	
2015	62.3
2016	62.7
Change:	+0.4

Site 104	
2015	52.9
2016	52.9
Change:	0.0

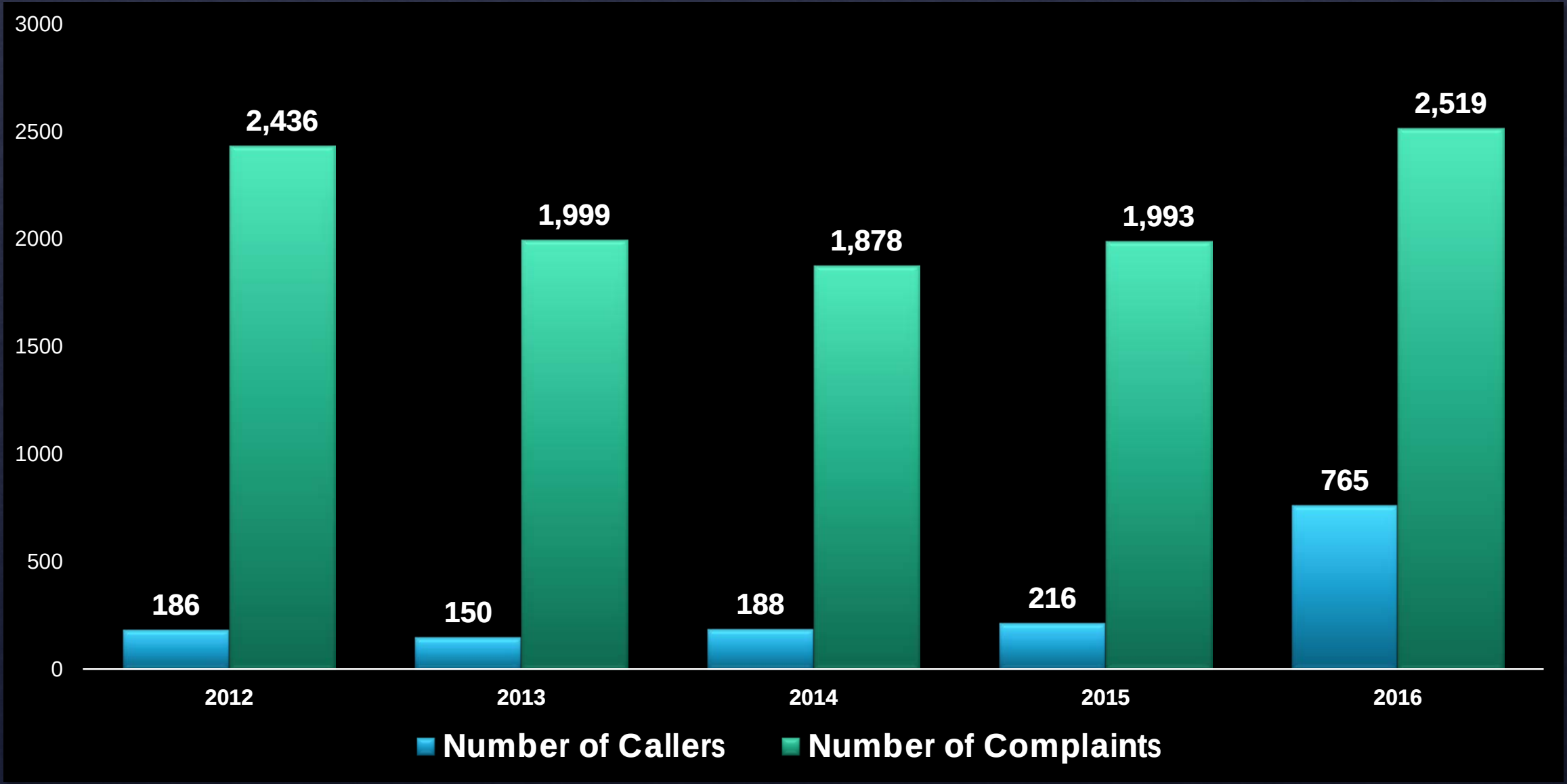
Site 105	
2015	45.3
2016	47.3
Change:	+2.0

Site 102	
2015	38.5
2016	35.3
Change:	-3.2

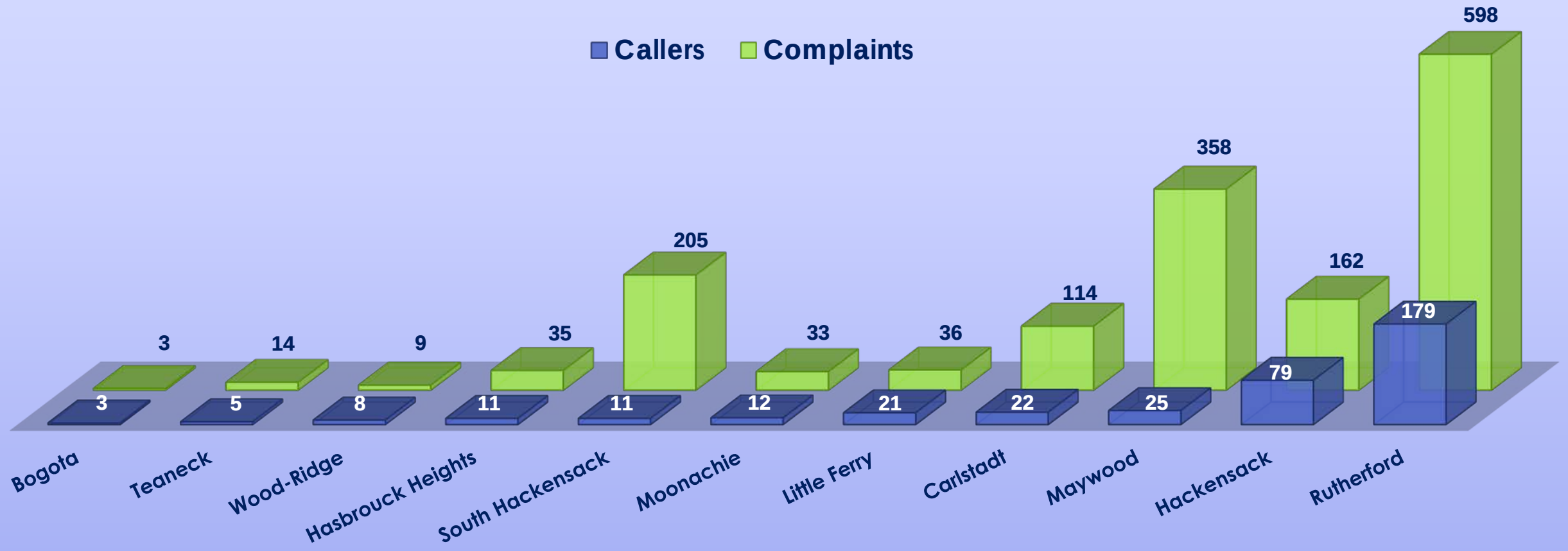
Site 101	
2015	58.0
2016	58.0
Change:	0.0

Site 106	
2015	52.0
2016	52.2
Change:	+0.2

Noise Complaints – Full Year 2016



2016 Noise Complaints by Town (TANAAC Members):

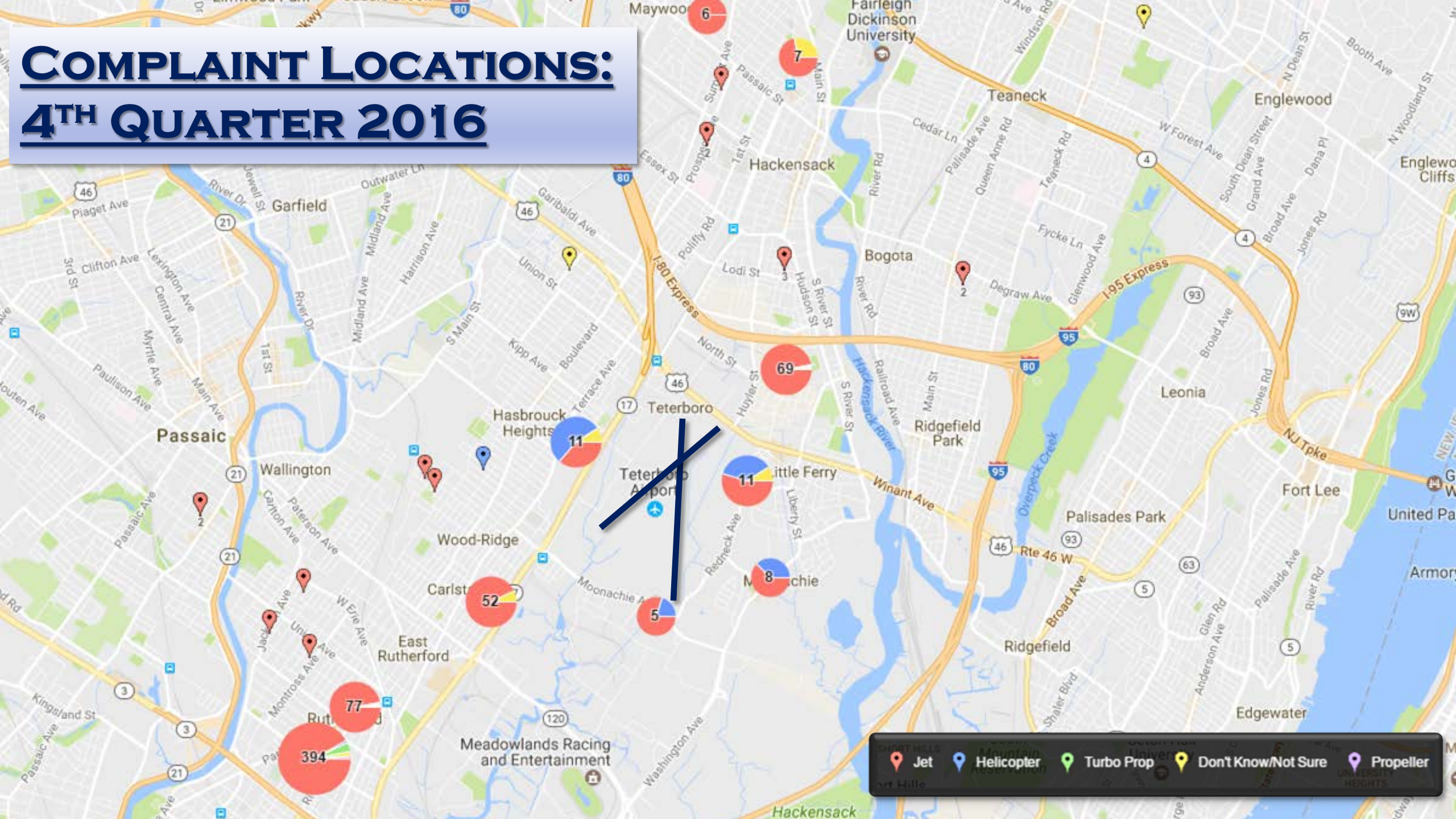


No complaints were logged for either Secaucus or Ridgefield Park in 2016.

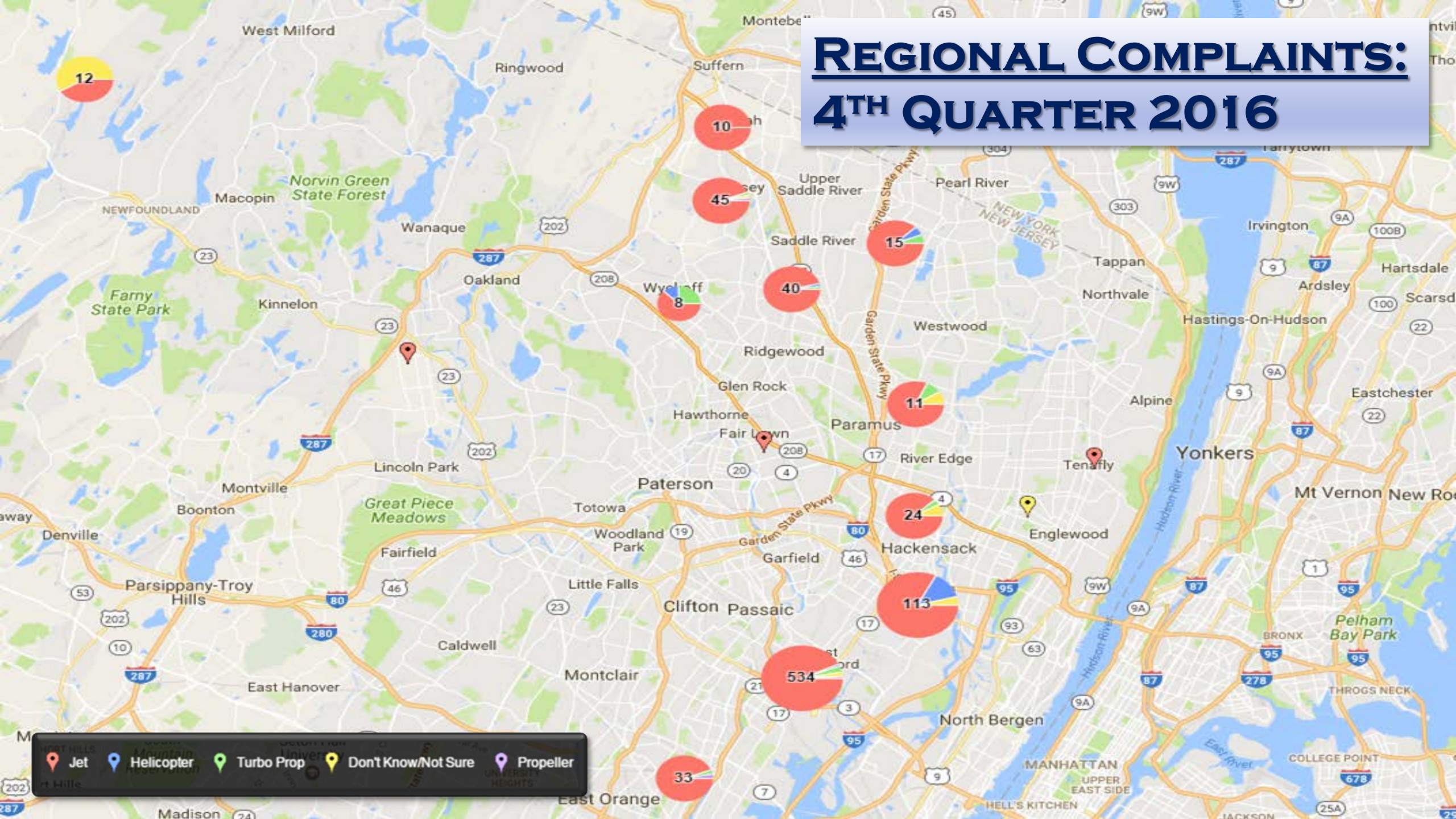
2016 Noise Complaints by town (Non-TANAAC Members):

City	Callers	Complaints	City	Callers	Complaints	City	Callers	Complaints
Cranbury	1	1	Glen Rock	1	2	Rochelle Park	4	6
Englewood	1	1	North Bergen	1	2	Nutley	5	8
Fair Lawn	1	1	Passaic	1	5	Woodcliff Lake	6	24
Fort Lee	1	1	Upper Saddle River	2	2	Newark	6	34
Franklin Lakes	1	1	Emerson	2	3	Allendale	7	16
Hawthorne	1	1	Bloomfield	2	6	Waldwick	8	34
Mattituck	1	1	Saddle River	2	7	East Rutherford	10	13
Morristown	1	1	Stockholm	2	20	Lyndhurst	13	17
Oakland	1	1	Pompton Plains	3	4	Ridgewood	15	15
River Edge	1	1	Hillsdale	3	6	Wyckoff	23	31
Suffern	1	1	Park Ridge	3	16	Paramus	25	79
Twp. of Washington	1	1	Westfield	4	4	Ho-Ho-Kus	40	57
Boonton Township	1	2	Oradell	4	5	Ramsey	80	224
Glen Ridge	1	2	Westwood	4	5	Mahwah	98	290

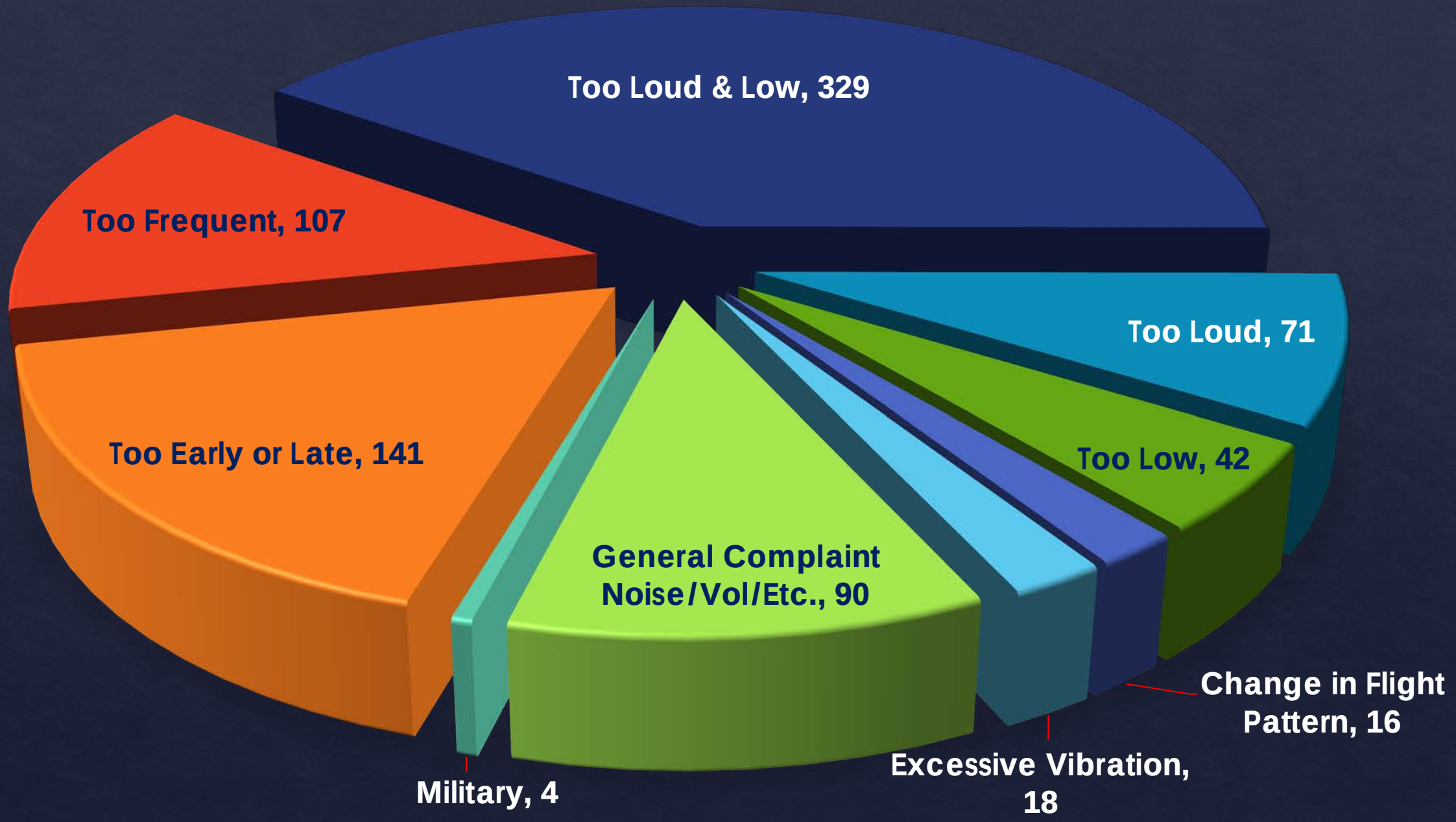
Complaint Locations: 4th Quarter 2016



Regional Complaints: 4th Quarter 2016



Fourth Quarter Complaints – Nature of Disturbance:



Flight Crew Briefings - 2016

2,090 Total Flight Crew Briefings for 2016

2016 Noise Violations:

Thank You for Your Attendance

The next TANAAC meeting is scheduled for:

Wednesday, April 26, 2017 at 7:00 p.m.