



Airport
Teterboro
THE PORT AUTHORITY OF NY&NJ

TETERBORO AIRCRAFT NOISE ABATEMENT ADVISORY COMMITTEE

2015 YEAR END REPORT

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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 27, 2016

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 MEMBERS, MEMBERS OF CONGRESS , & STATE SENATORS
 - MEMBERS OF THE AVIATION COMMUNITY
 - BERGEN COUNTY EXECUTIVE AND FREEHOLDER CHAIRPERSON
 - AIRPORT MANAGER - FAA TOWER MANAGER
 - FIXED BASE OPERATORS AND HEADS OF CORPORATE FLIGHT DEPARTMENTS
 - DULY APPOINTED ALTERNATE MEMBERS MUST HAVE A LETTER FROM AN OFFICIAL MEMBER ON RECORD APPOINTING THEM TO ALTERNATE STATUS.
- ONE VOTE PER MEMBER WITH THE EXCEPTION OF THE AIRPORT MANAGER WHO ONLY VOTES IN THE CASE OF A TIE.
- THE GENERAL PUBLIC MAY ATTEND AS OBSERVERS OF THE PROCEEDINGS, HOWEVER MEETINGS ARE NOT OPEN TO THE PRESS.
- 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.

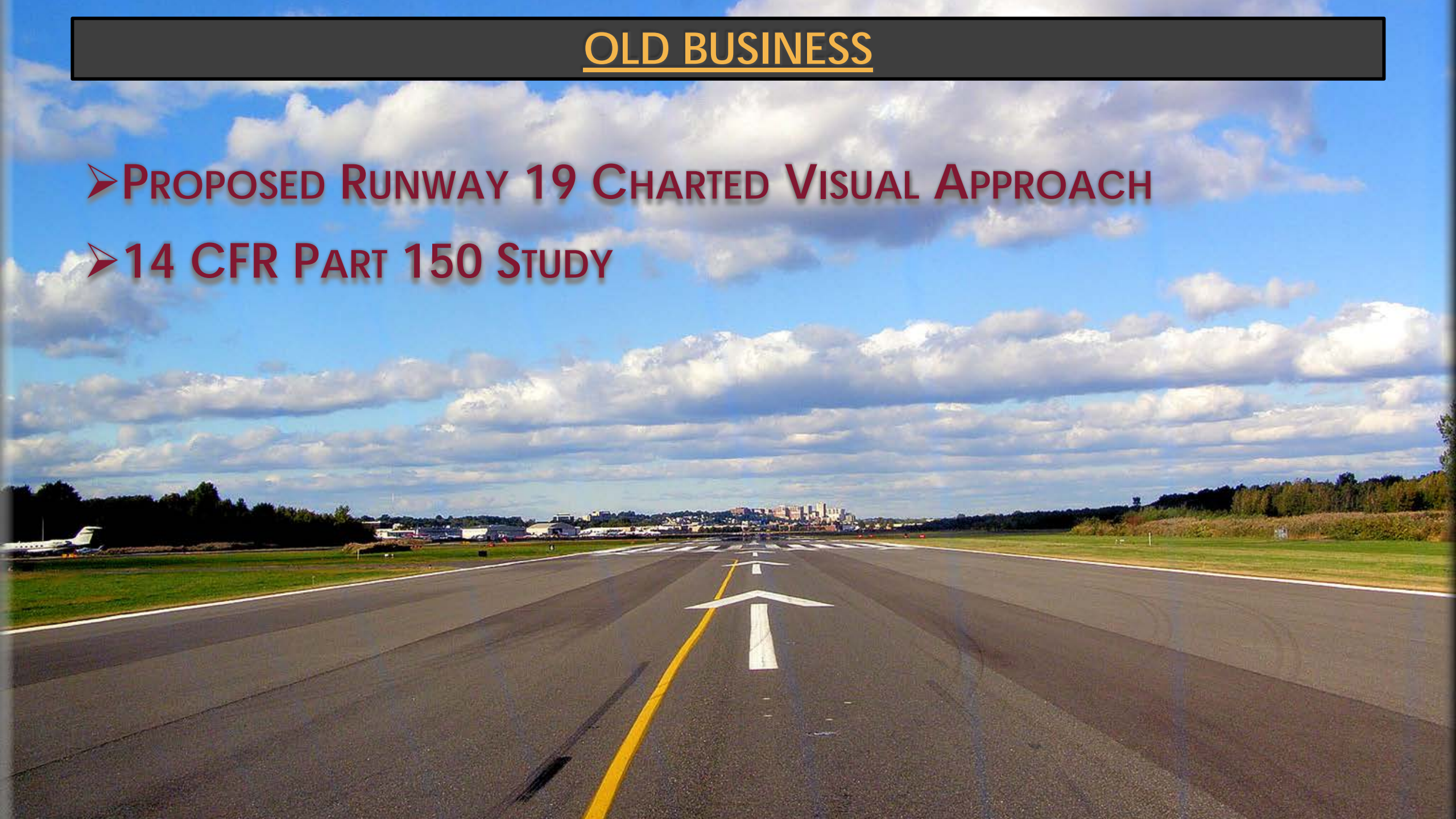
➤ HELICOPTER DEPARTURE ROUTES:

- 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 SECOND ANNIVERSARIES OF VIOLATIONS THEY ARE DOWNGRADED OR EXPUNGED, DEPENDING ON 1ST OR 2ND
- A THIRD VIOLATION WITHIN A TWO YEAR PERIOD RESULTS IN THE PERMANENT BANISHMENT OF THAT AIRCRAFT FROM OPERATION AT TETERBORO AIRPORT

OLD BUSINESS

- PROPOSED RUNWAY 19 CHARTED VISUAL APPROACH
- 14 CFR PART 150 STUDY



NEW BUSINESS



NBAA ANNUAL CONVENTION – NOVEMBER 17-19, 2015

NBAA SCHEDULERS & DISPATCHERS CONFERENCE – JANUARY 19-21, 2016

NBAA ANNUAL CONVENTION:

- THE ANNUAL CONVENTION PLAYED HOST TO APPROXIMATELY 27,000 ATTENDEES AND 1,100 EXHIBITORS.

NBAA SCHEDULERS & DISPATCHERS CONFERENCE:

- THE CONFERENCE HOSTED MORE THAN 2,800 ATTENDEES AND 517 EXHIBITORS.

TETERBORO AIRPORT STAFF WERE ABLE TO GREET, INFORM, AND EDUCATE, AIRCRAFT OWNERS, OPERATORS, AND RELATED STAFF ON THE FOLLOWING:

- AIRPORT NOISE RULES
- AIRPORT SERVICES
- VOLUNTARY FLIGHT CURFEW
- GENERAL AIRPORT INFORMATION
- WINTER OPERATIONS AND RAMP CAPACITY



AIRPORT ACTIVITY REPORT – FULL YEAR 2015

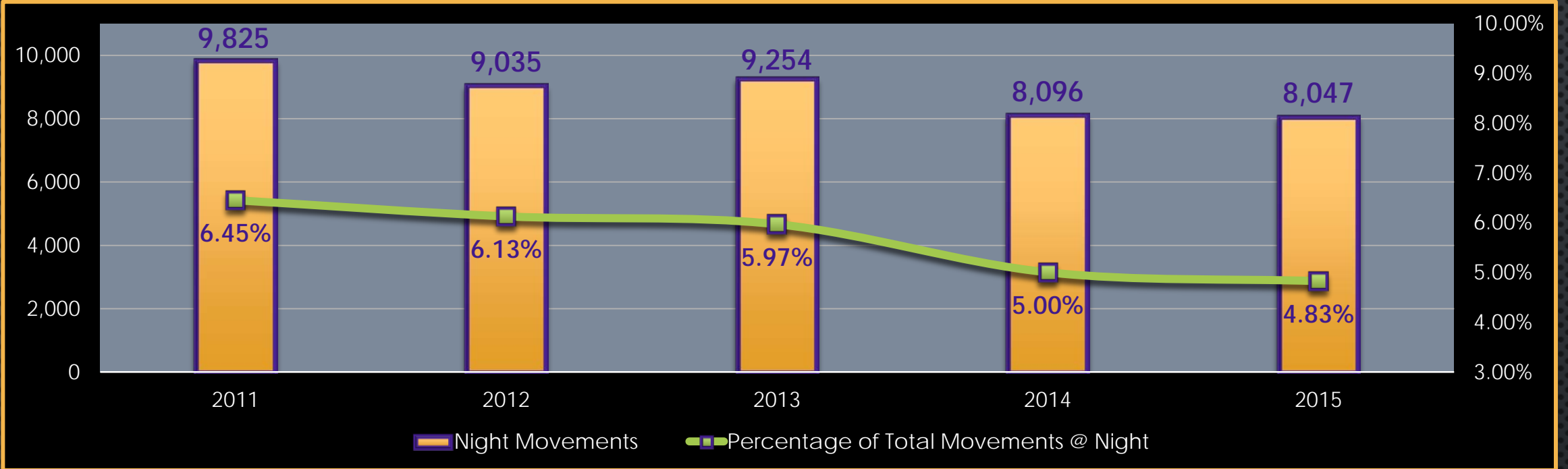


Movements

Change

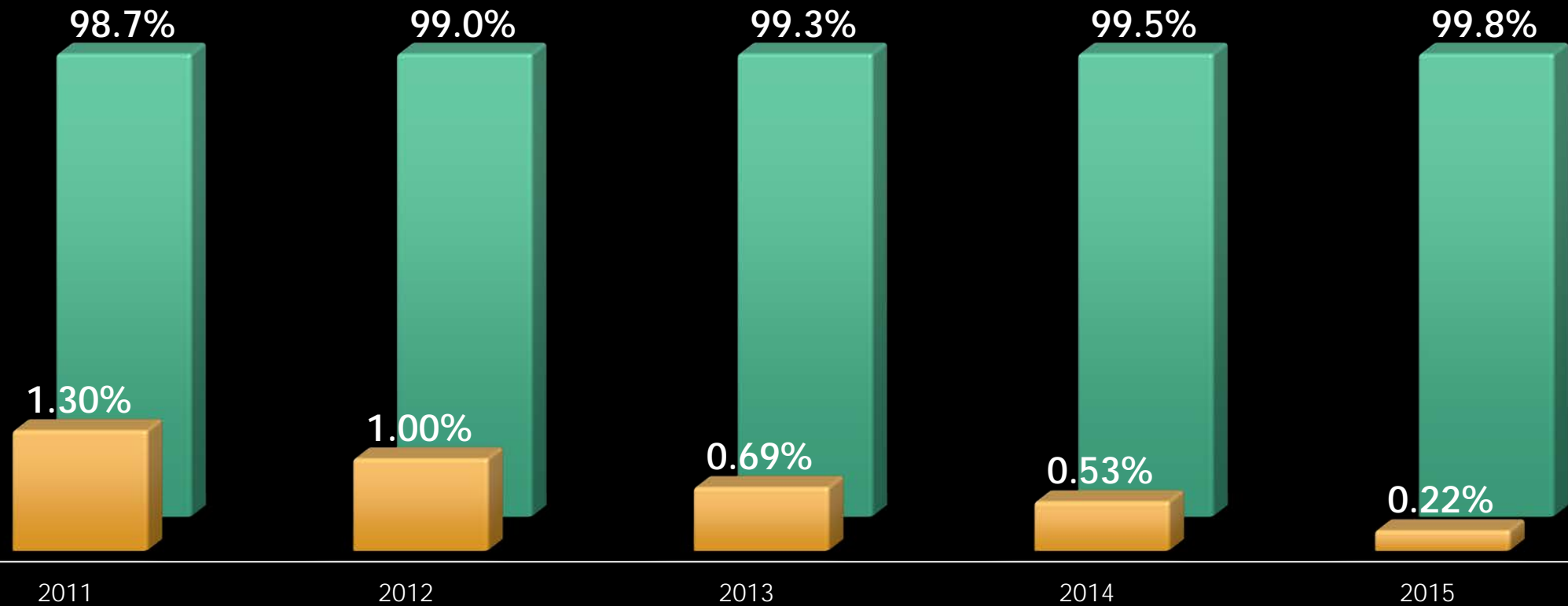
	2011	2012	2013	2014	2015	2011/2012	2012/2013	2013/2014	2014/2015
Props:	9,748	8,508	7,159	6,280	6,696	-12.72%	-15.86%	-12.28%	6.62%
Turbo-Props:	11,297	11,856	11,234	12,629	13,478	4.95%	-5.25%	12.42%	6.72%
Helicopter:	8,203	6,658	7,549	8,192	8,856	-18.83%	13.38%	8.52%	8.11%
Jet:	122,514	120,140	128,608	134,267	137,721	-1.94%	7.05%	4.40%	2.57%
Total:	152,250	147,476	155,032	161,368	166,751	-3.14%	-5.12%	4.09%	3.34%

AIRPORT ACTIVITY REPORT – NIGHT TIME MOVEMENTS (11:00P.M. – 6:00A.M.)



Year	Night Time Aircraft Movements	Total Aircraft Movements	Percentage of Total Movements at Night
2011	9,825	152,250	6.45%
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%

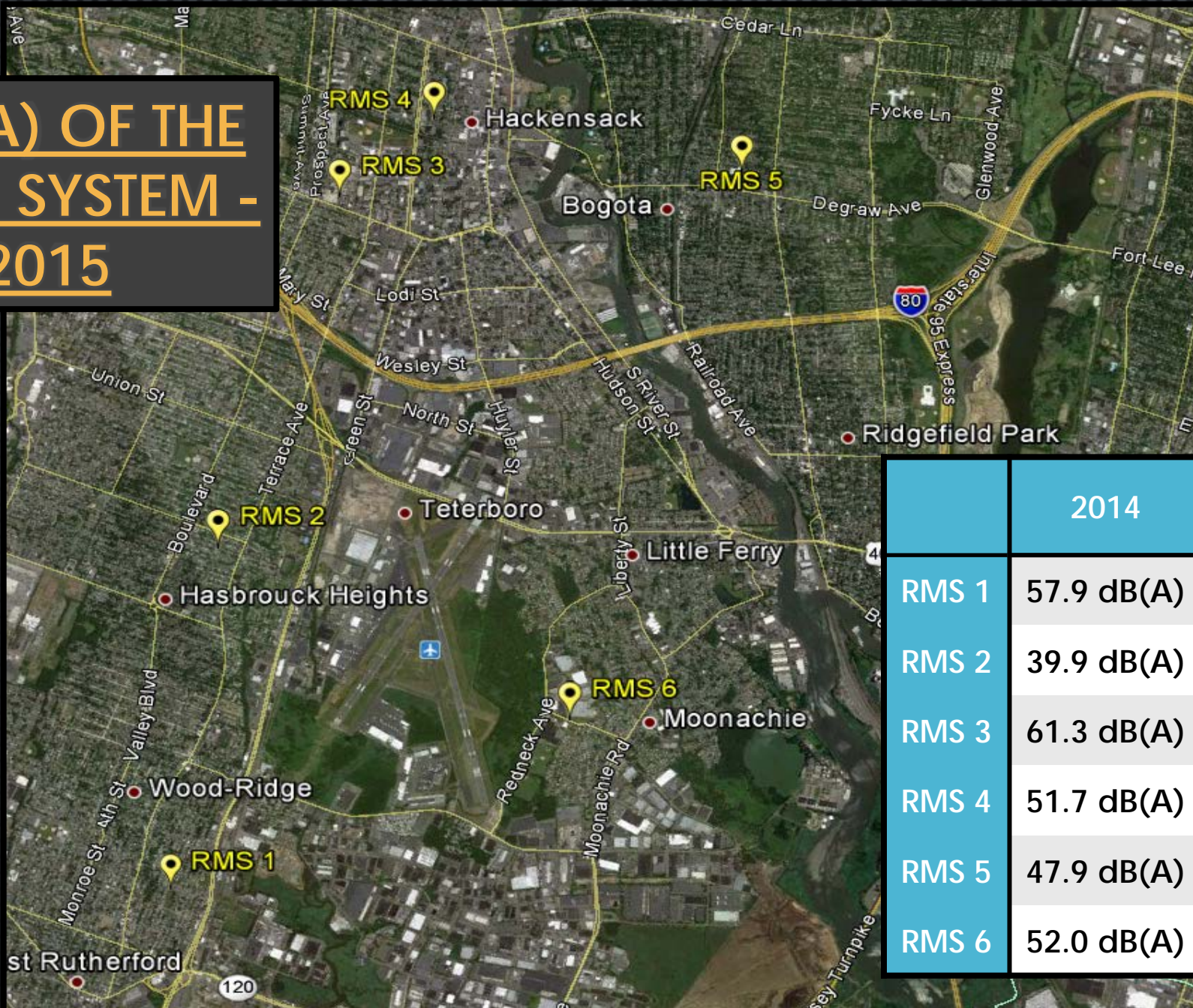
JET AIRCRAFT TRAFFIC BY STAGE – FULL YEAR



■ Stage 2 (299) ■ Stage 3 & 4

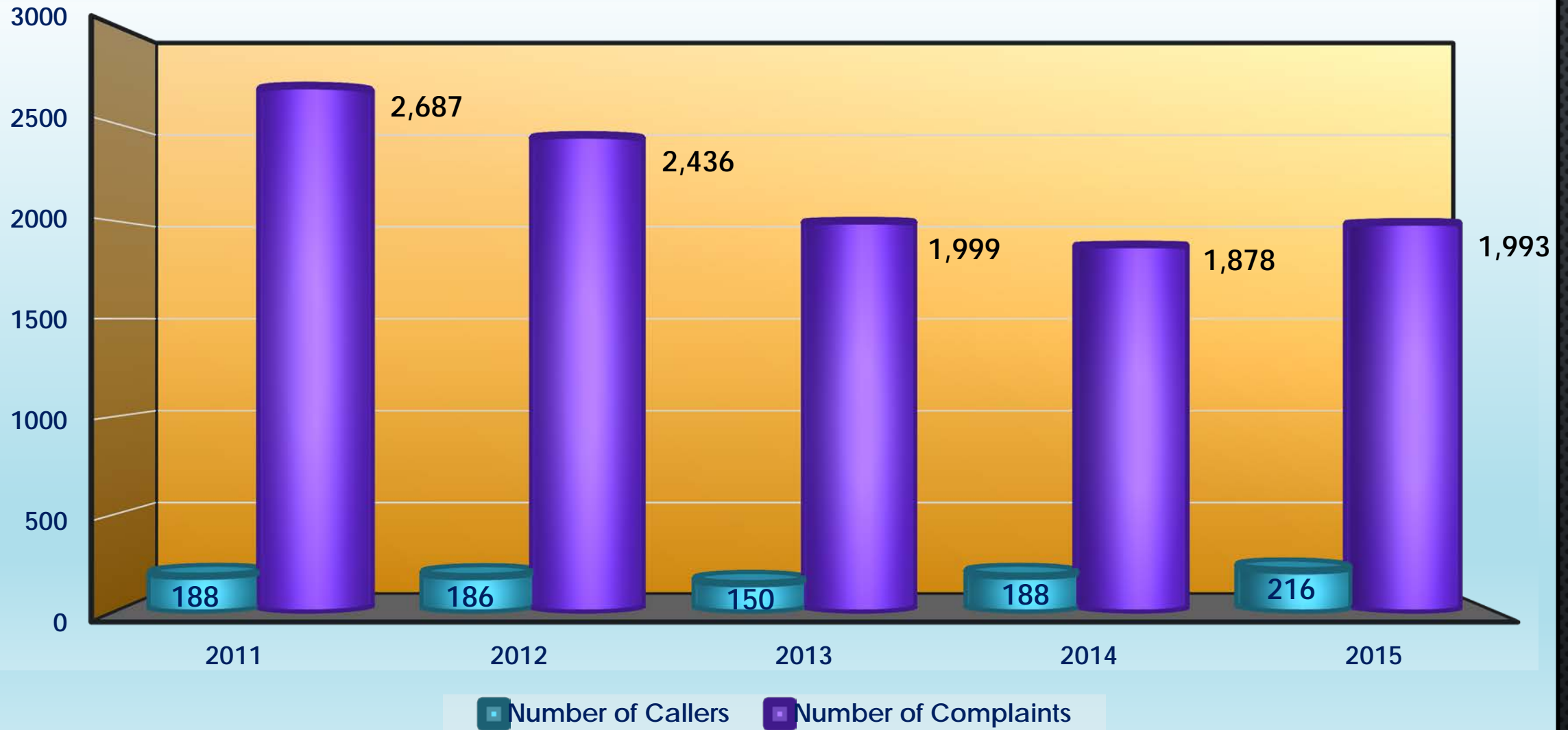
➤ Effective January 1, 2016: Stage 2 Jet Operations Are No Longer Permitted.

LDN(A) OF THE NOISE SYSTEM - 2015



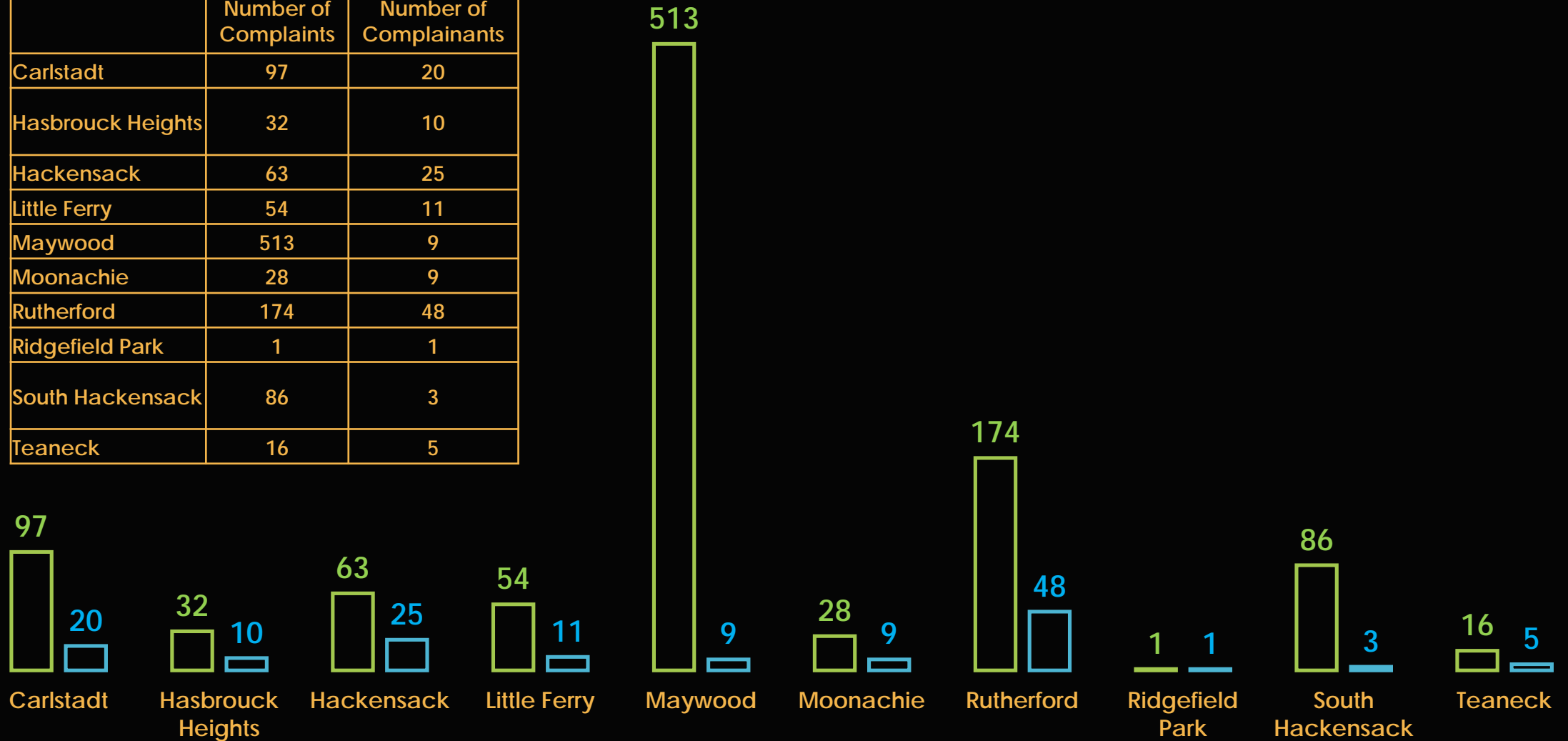
	2014	2015	Year to Year Change
RMS 1	57.9 dB(A)	58.0 dB(A)	+0.1
RMS 2	39.9 dB(A)	38.5 dB(A)	-1.4
RMS 3	61.3 dB(A)	62.3 dB(A)	+1.0
RMS 4	51.7 dB(A)	52.9 dB(A)	+1.2
RMS 5	47.9 dB(A)	45.3 dB(A)	-2.6
RMS 6	52.0 dB(A)	52.0 dB(A)	0.0

NOISE COMPLAINTS – FULL YEAR



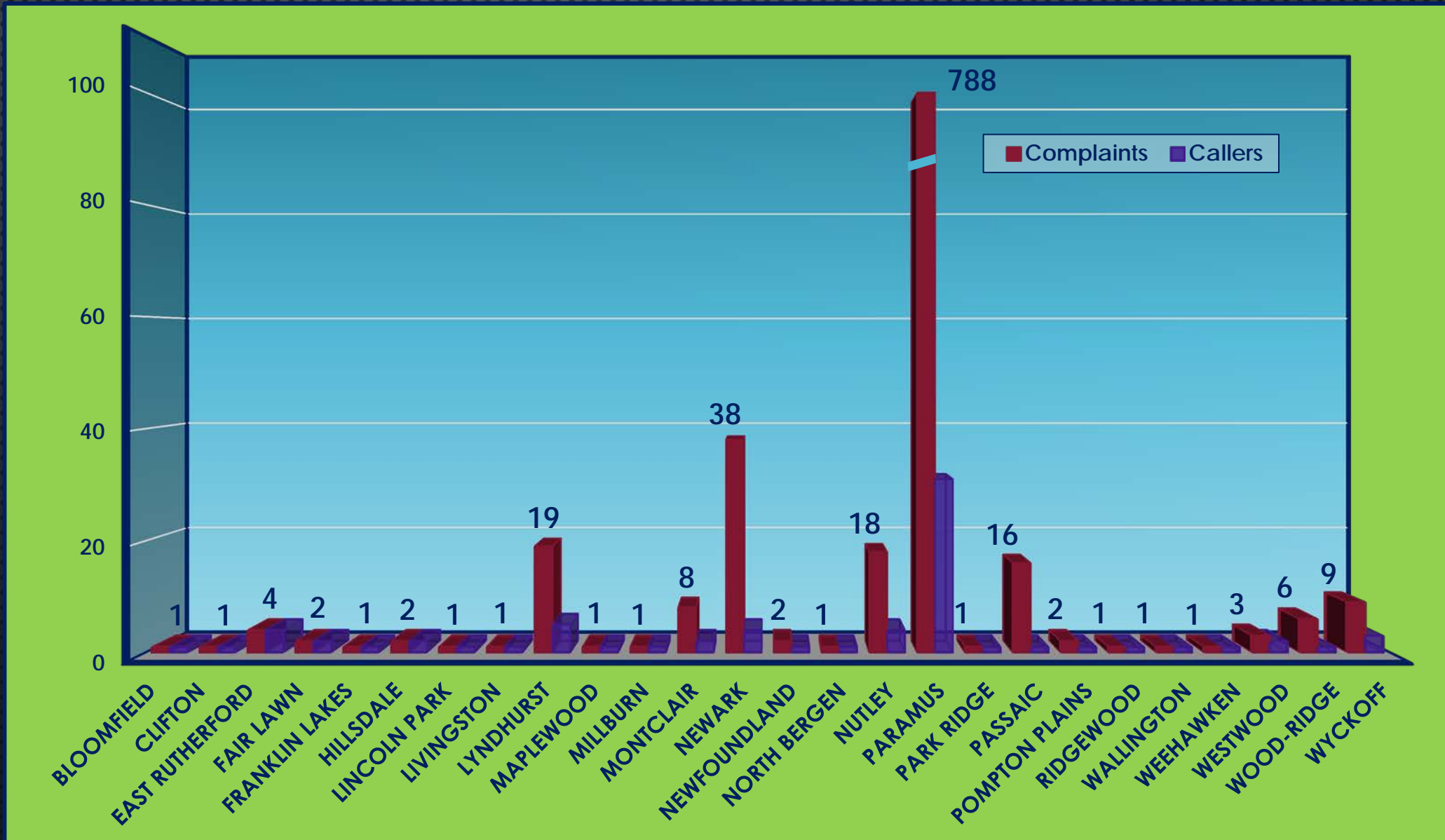
2015 NOISE COMPLAINTS BY TOWN – TANAAC MEMBERS

	Number of Complaints	Number of Complainants
Carlstadt	97	20
Hasbrouck Heights	32	10
Hackensack	63	25
Little Ferry	54	11
Maywood	513	9
Moonachie	28	9
Rutherford	174	48
Ridgefield Park	1	1
South Hackensack	86	3
Teaneck	16	5

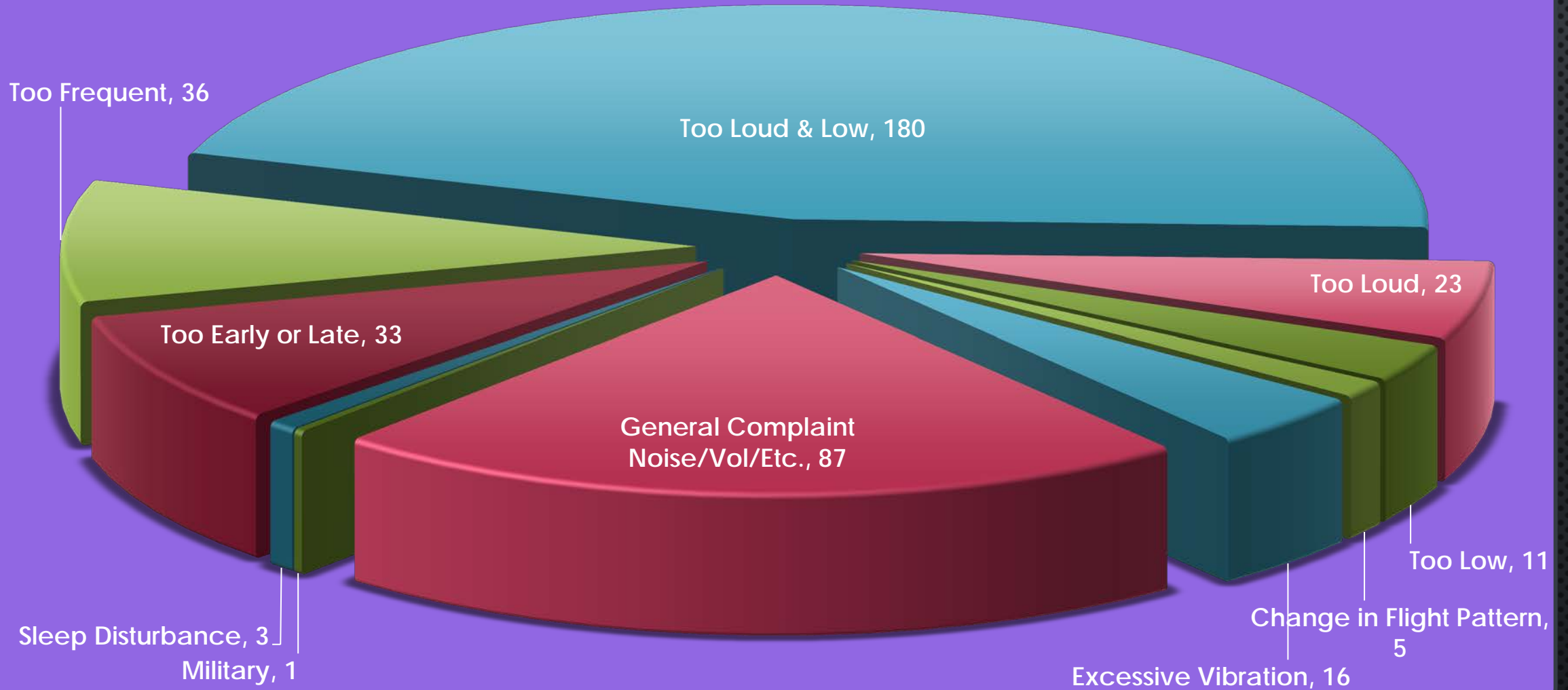


2015 NOISE COMPLAINTS BY TOWN – NON-TANAAC MEMBERS

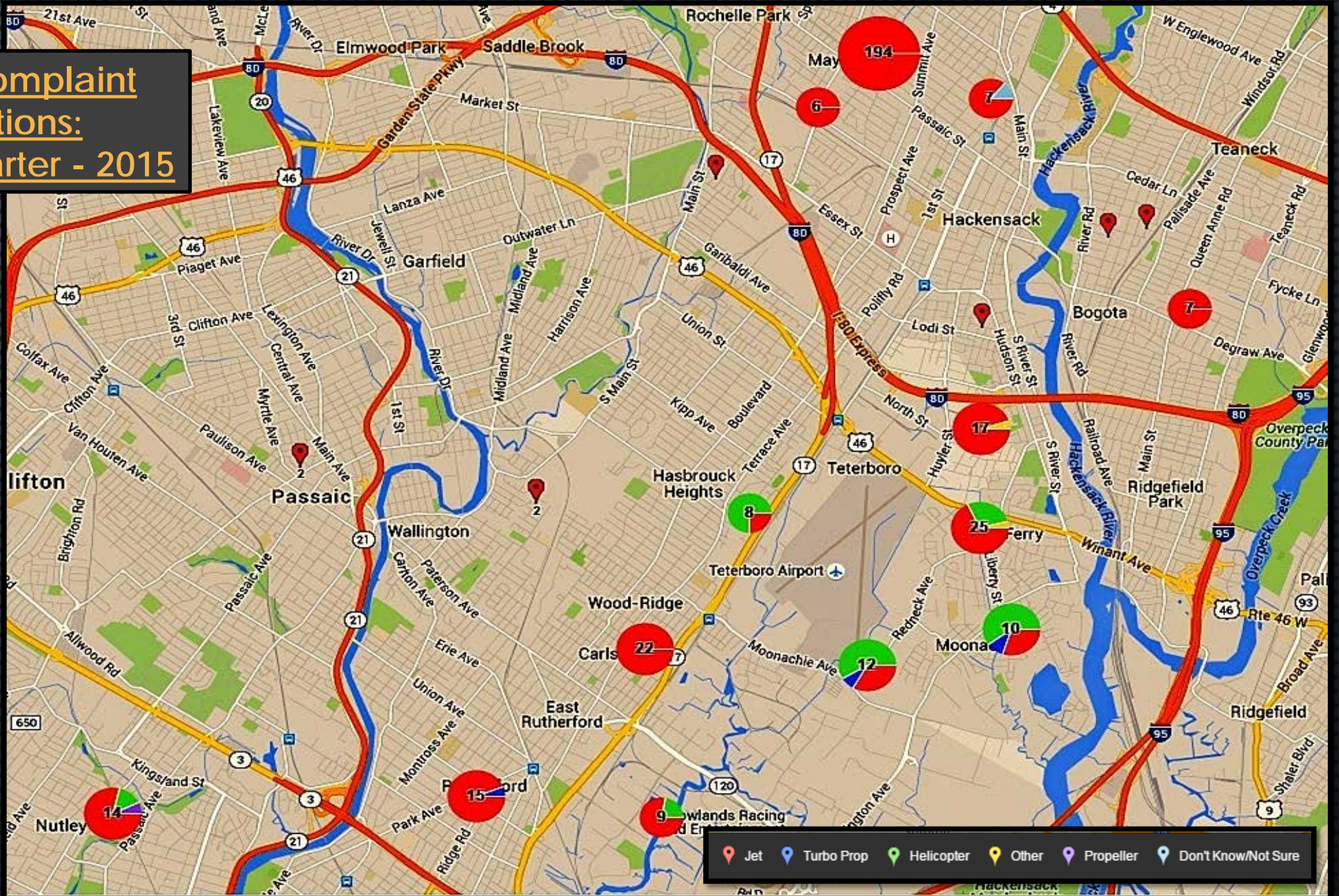
	Complaints	Callers
Bloomfield	1	1
Clifton	1	1
East Rutherford	4	4
Fair Lawn	2	2
Franklin Lakes	1	1
Hillsdale	2	2
Lincoln Park	1	1
Livingston	1	1
Lyndhurst	19	5
Maplewood	1	1
Millburn	1	1
Montclair	8	2
Newark	38	4
Newfoundland	2	1
North Bergen	1	1
Nutley	18	4
Paramus	788	31
Park Ridge	1	1
Passaic	16	1
Pompton Plains	2	1
Ridgewood	1	1
Wallington	1	1
Weehawken	1	1
Westwood	3	2
Wood-Ridge	6	1
Wyckoff	9	3



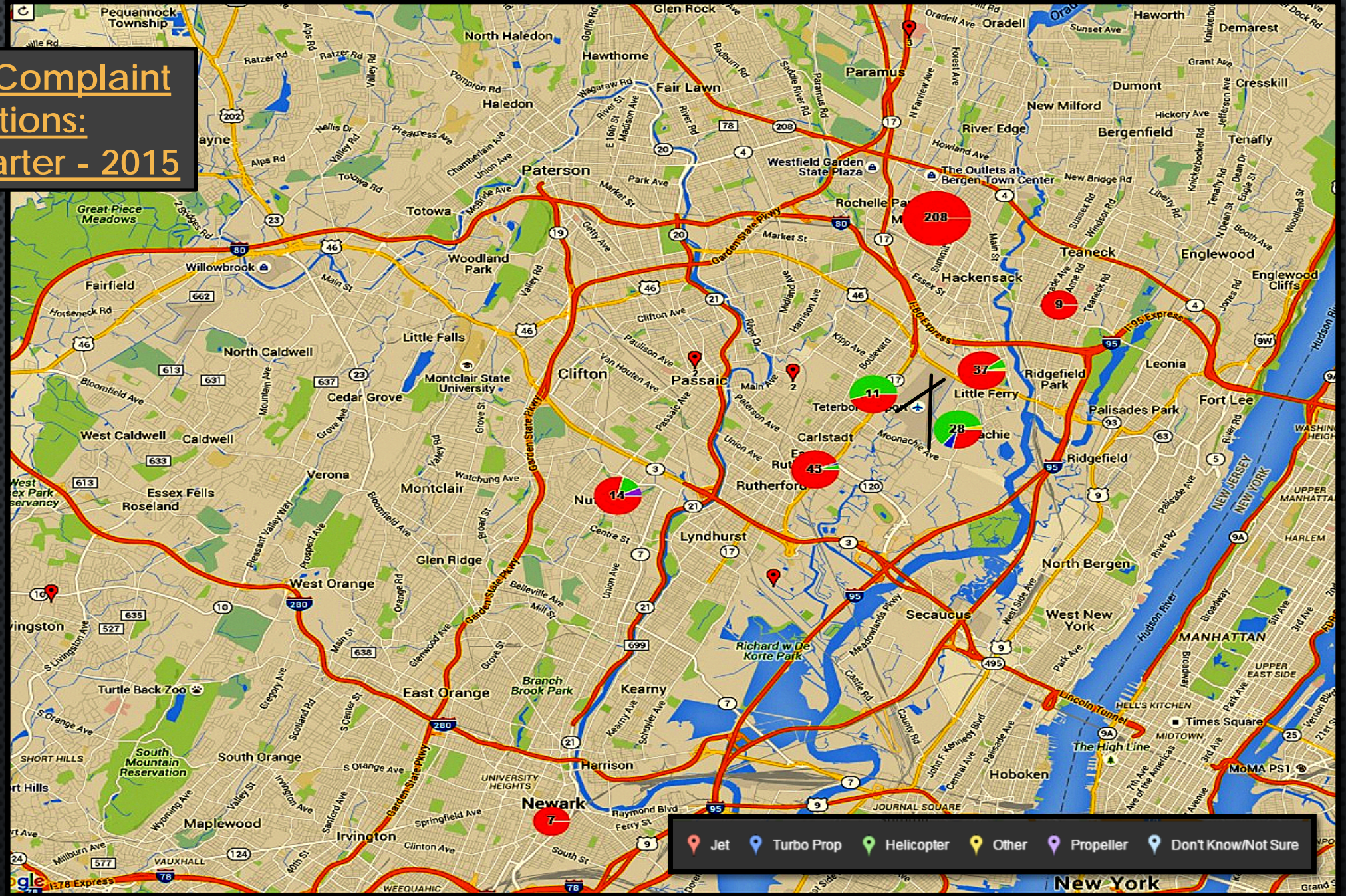
FOURTH QUARTER COMPLAINTS - NATURE OF DISTURBANCE



**Local Complaint Locations:
Fourth Quarter - 2015**

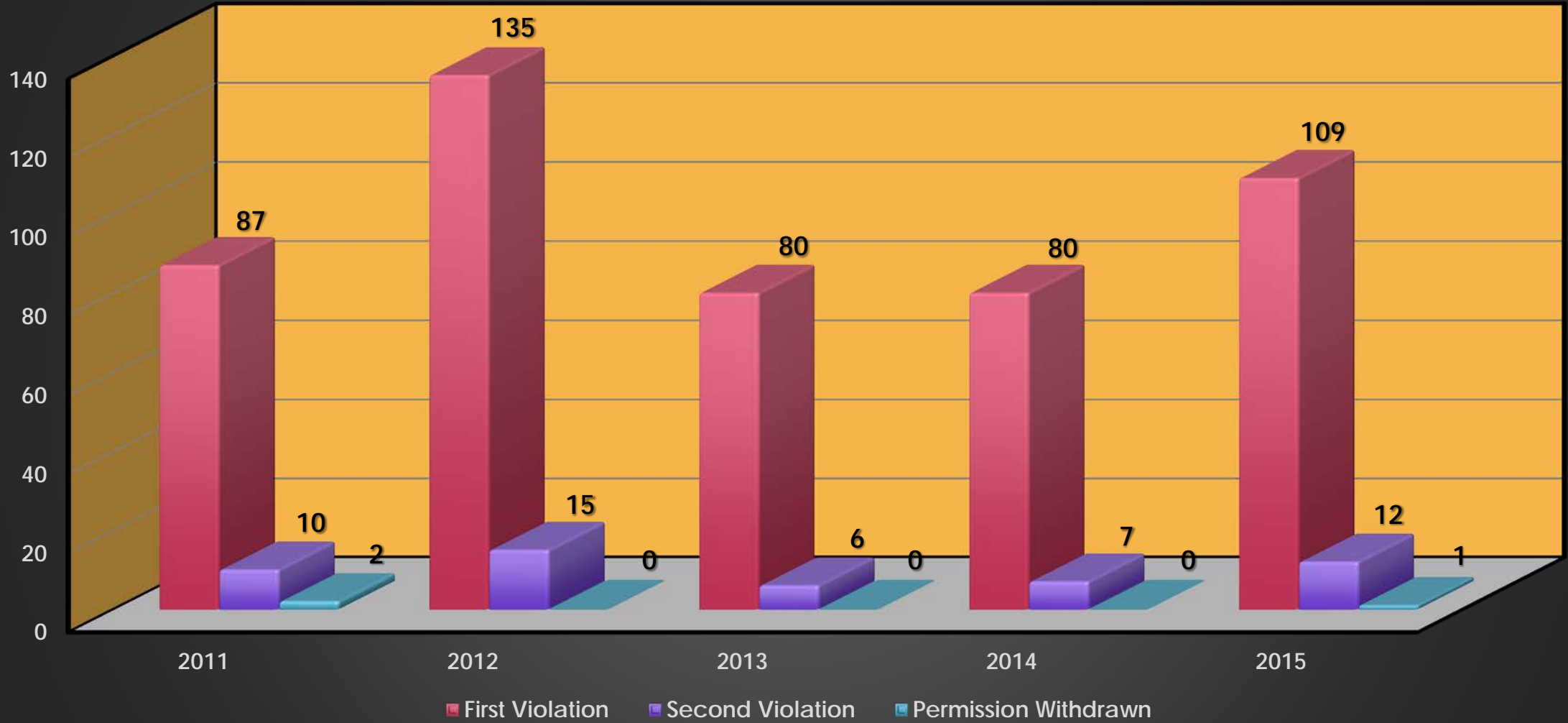


Regional Complaint Locations: Fourth Quarter - 2015



- Jet
- Turbo Prop
- Helicopter
- Other
- Propeller
- Don't Know/Not Sure

AIRCRAFT NOISE VIOLATIONS - 2015



14 CFR PART 150 STUDY UPDATE

➤ **Robert Mentzer of Harris, Miller, Miller, & Hanson Inc.**



THANK YOU FOR YOUR ATTENTION

WE LOOK FORWARD TO YOUR ATTENDANCE AT THE NEXT SCHEDULED MEETING ON:



WEDNESDAY, APRIL 27, 2016 AT 7:00 P.M.