NFTMS Report

Community Affairs
December 2013

Noise & Flight Track Monitoring Report

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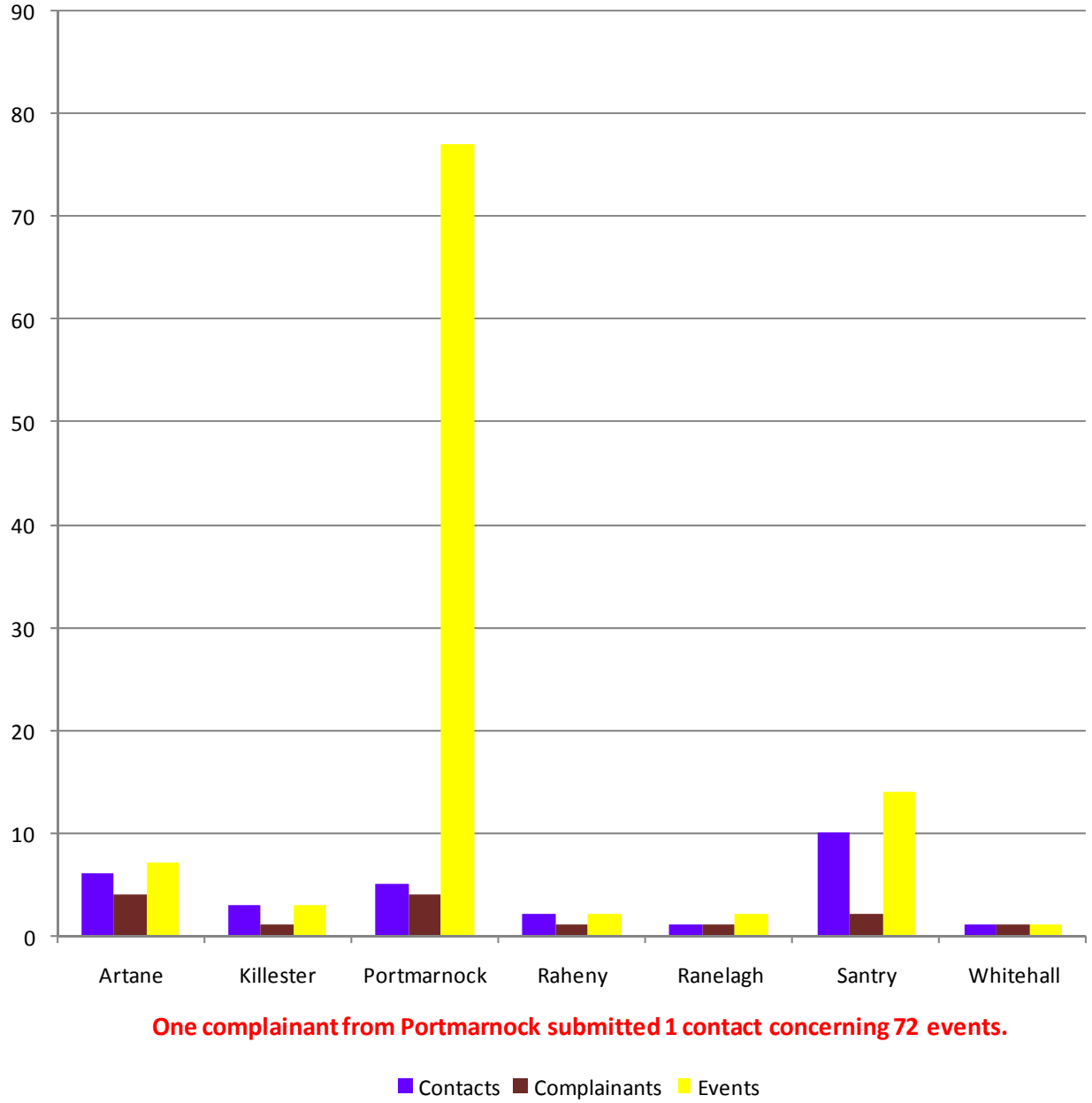
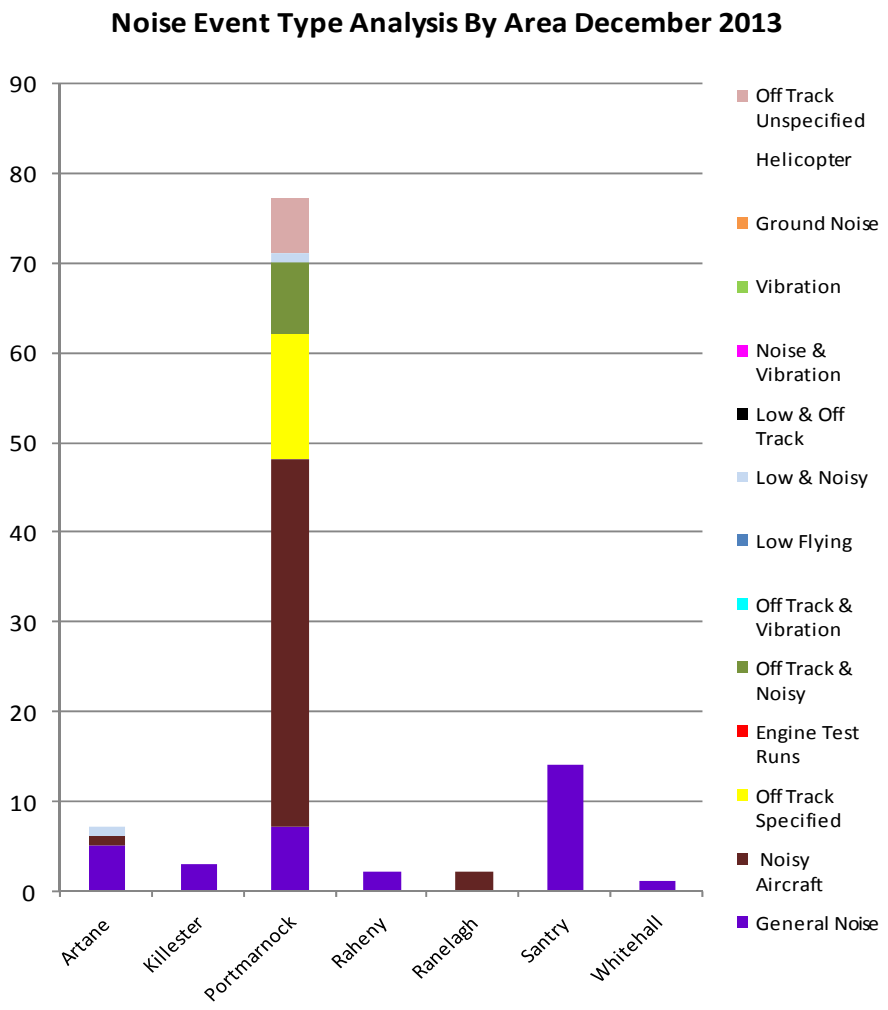
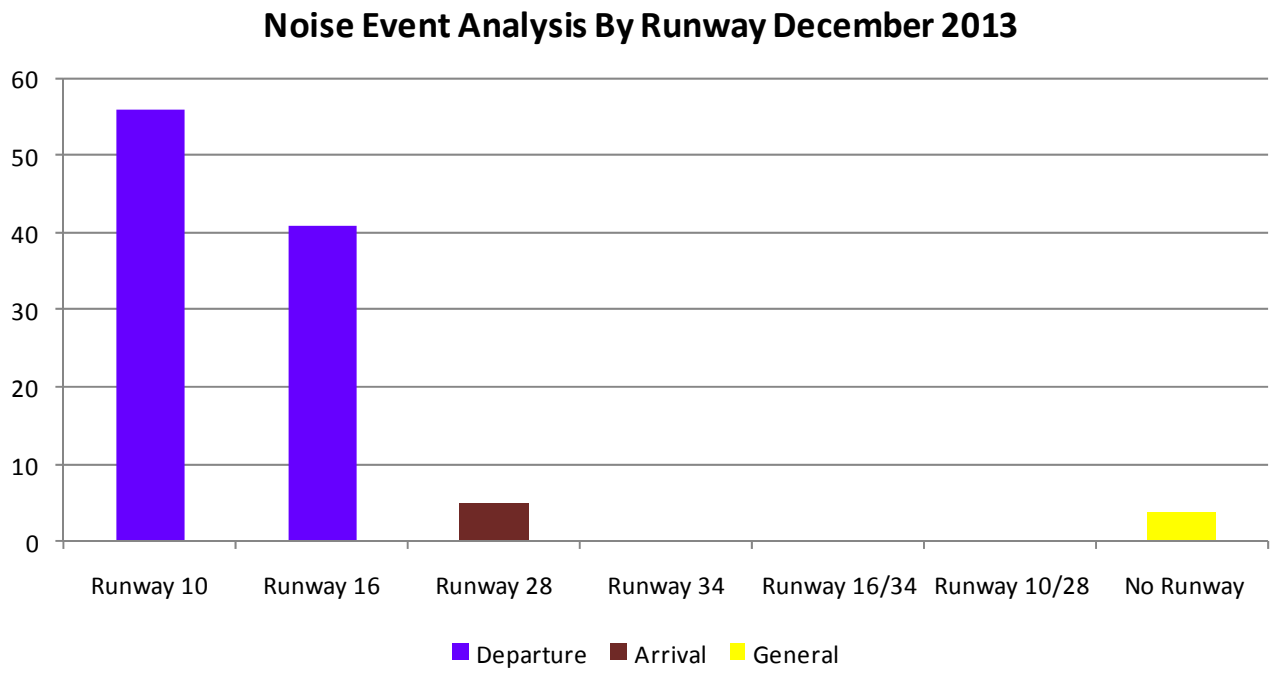
Complaints Analysis December 2013



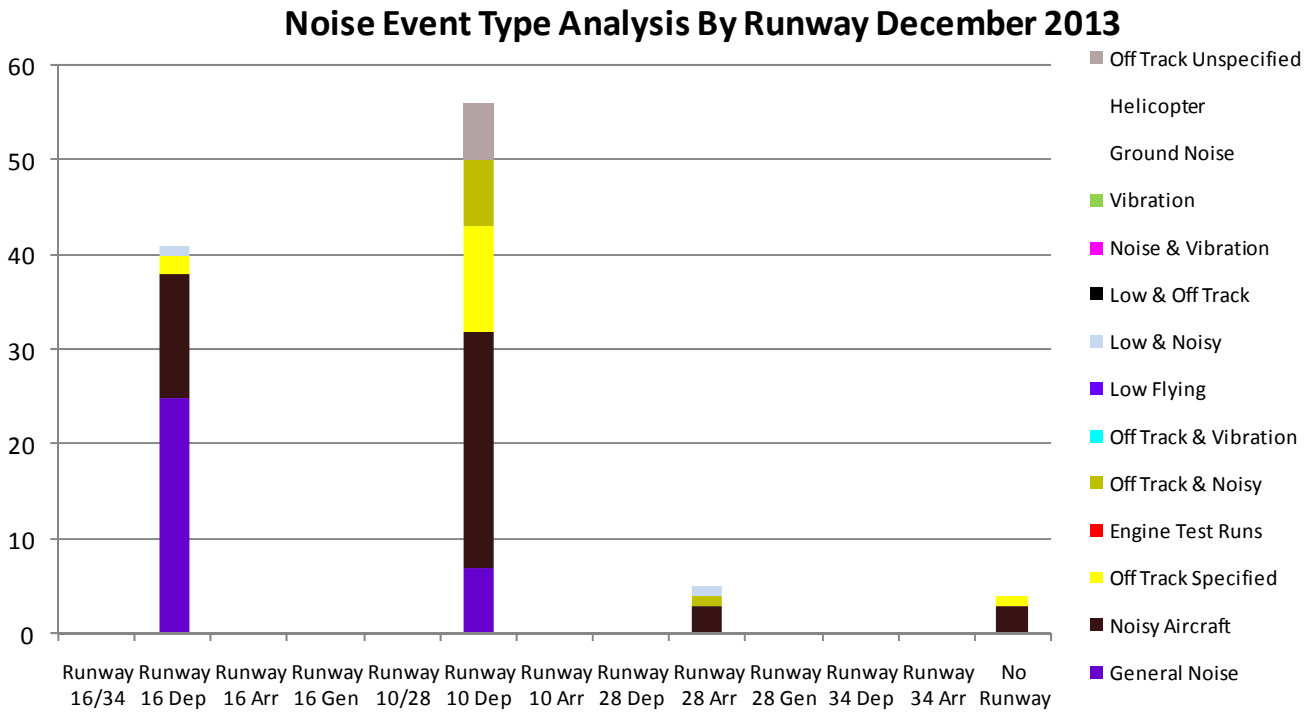
One complainant from Portmarnock submitted 1 contact concerning 72 events.

Area	Contacts	Complainants	Events
Artane	6	4	7
Killester	3	1	3
Portmarnock	5	4	77
Raheny	2	1	2
Ranelagh	1	1	2
Santry	10	2	14
Whitehall	1	1	1
Total	**28**	**14**	**106**

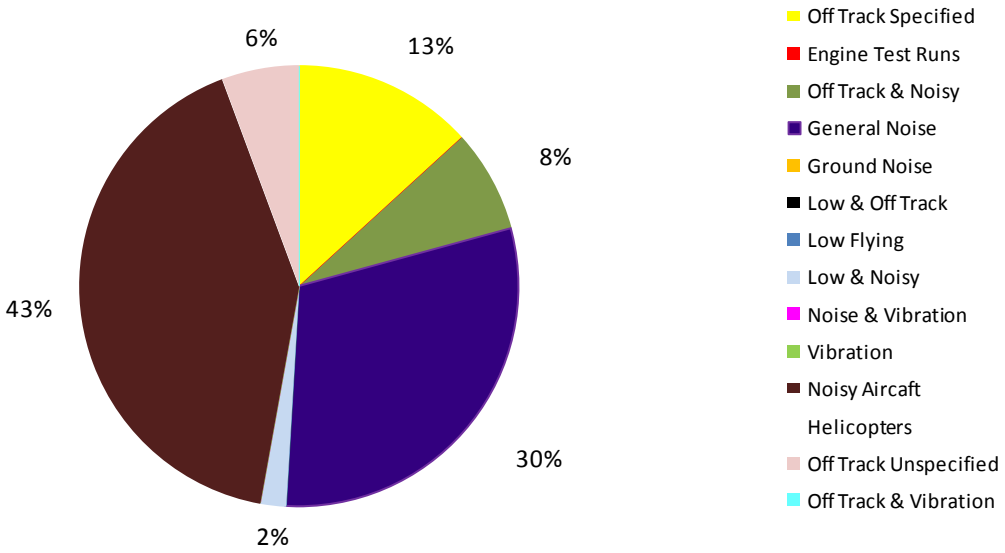

Noise Event Type Analysis By Area December 2013
90
80
70
60
50
40
30
20
10
0
Artane
Killester
Portmarnock
Raheny
Ranelagh
Santry
Whitehall
Off Track Unspecified
Helicopter
Ground Noise
Vibration
Noise & Vibration
Low & Off Track
Low & Noisy
Low Flying
Off Track & Vibration
Off Track & Noisy
Engine Test Runs
Off Track Specified
Noisy Aircraft
General Noise



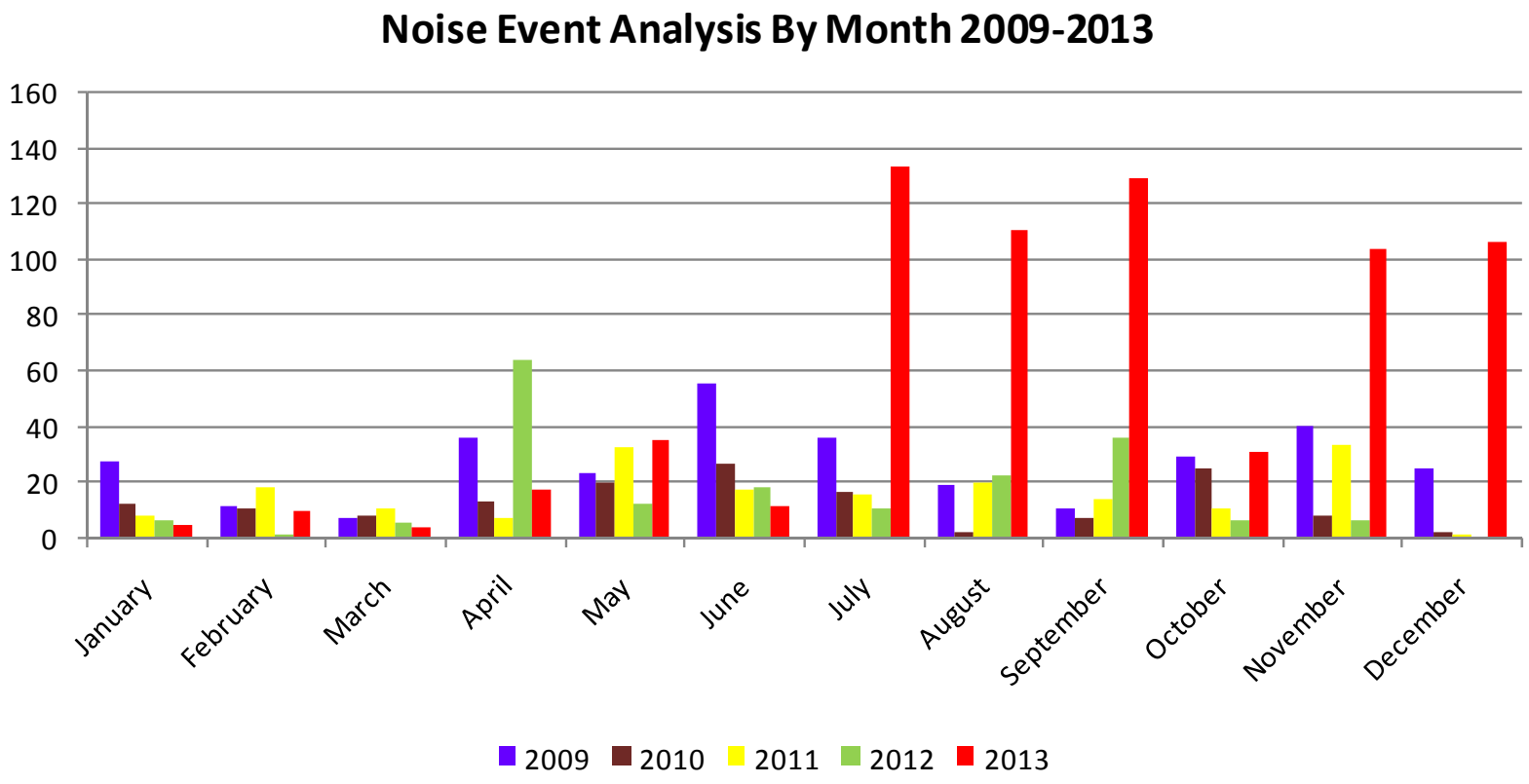
Runway	Runway 10	Runway 16	Runway 28	Runway 34	Runway 16/34	Runway 10/28	No Runway
Departure	56	41	0	0	0	0	0
Arrival	0	0	5	0	0	0	0
General	0	0	0	0	0	0	4
Total	**56**	**41**	**5**	**0**	**0**	**0**	**4**

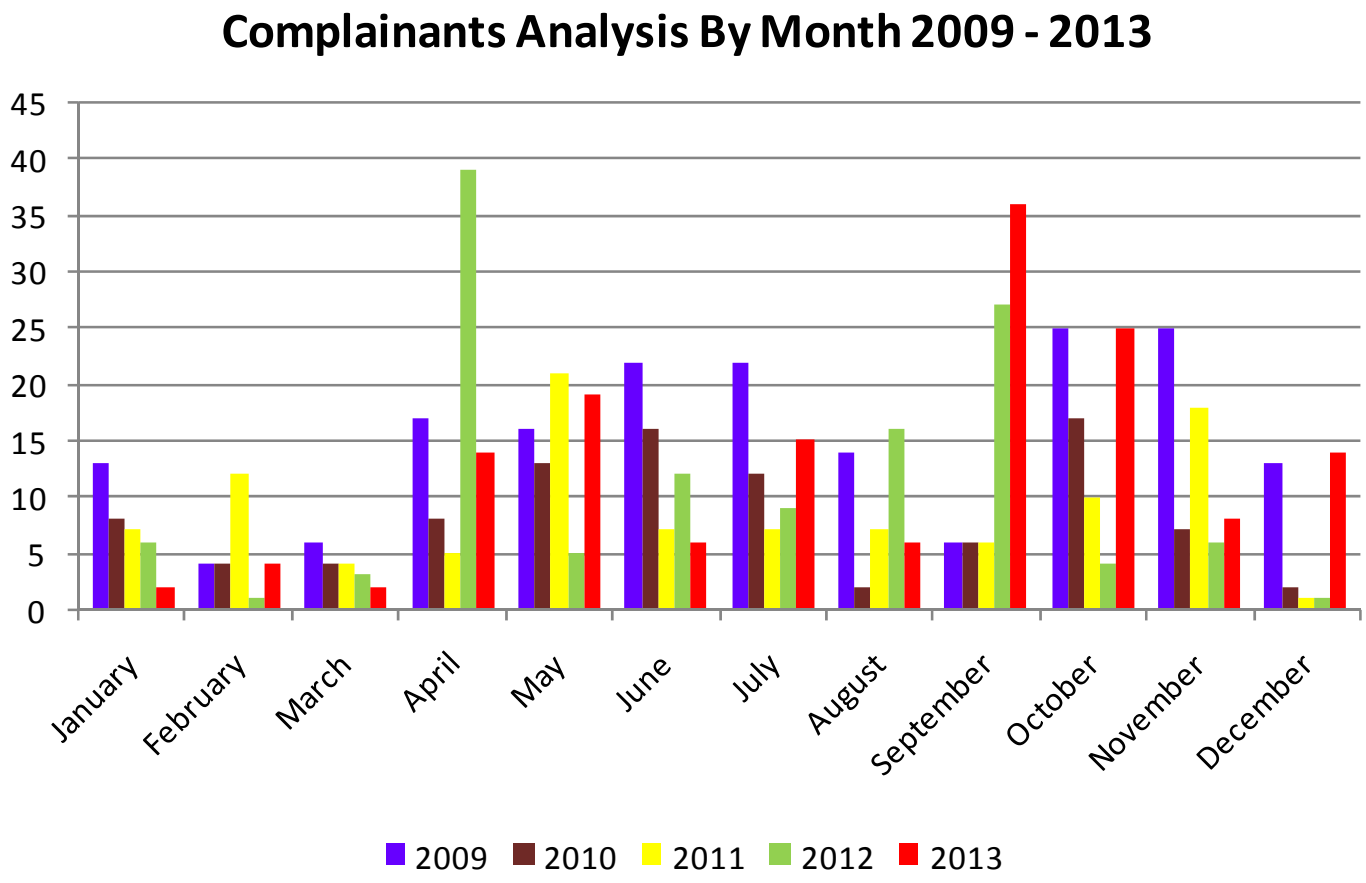

Noise Event Type Analysis By Runway December 2013
60
50
40
30
20
10
0
Runway 16/34
Runway 16 Dep
Runway 16 Arr
Runway 16 Gen
Runway 10/28
Runway 10 Dep
Runway 10 Arr
Runway 28 Dep
Runway 28 Arr
Runway 28 Gen
Runway 34 Dep
Runway 34 Arr
No Runway
Off Track Unspecified
Helicopter
Ground Noise
Vibration
Noise & Vibration
Low & Off Track
Low & Noisy
Low Flying
Off Track & Vibration
Off Track & Noisy
Engine Test Runs
Off Track Specified
Noisy Aircraft
General Noise

Total Noise Event Type Analysis December 2013

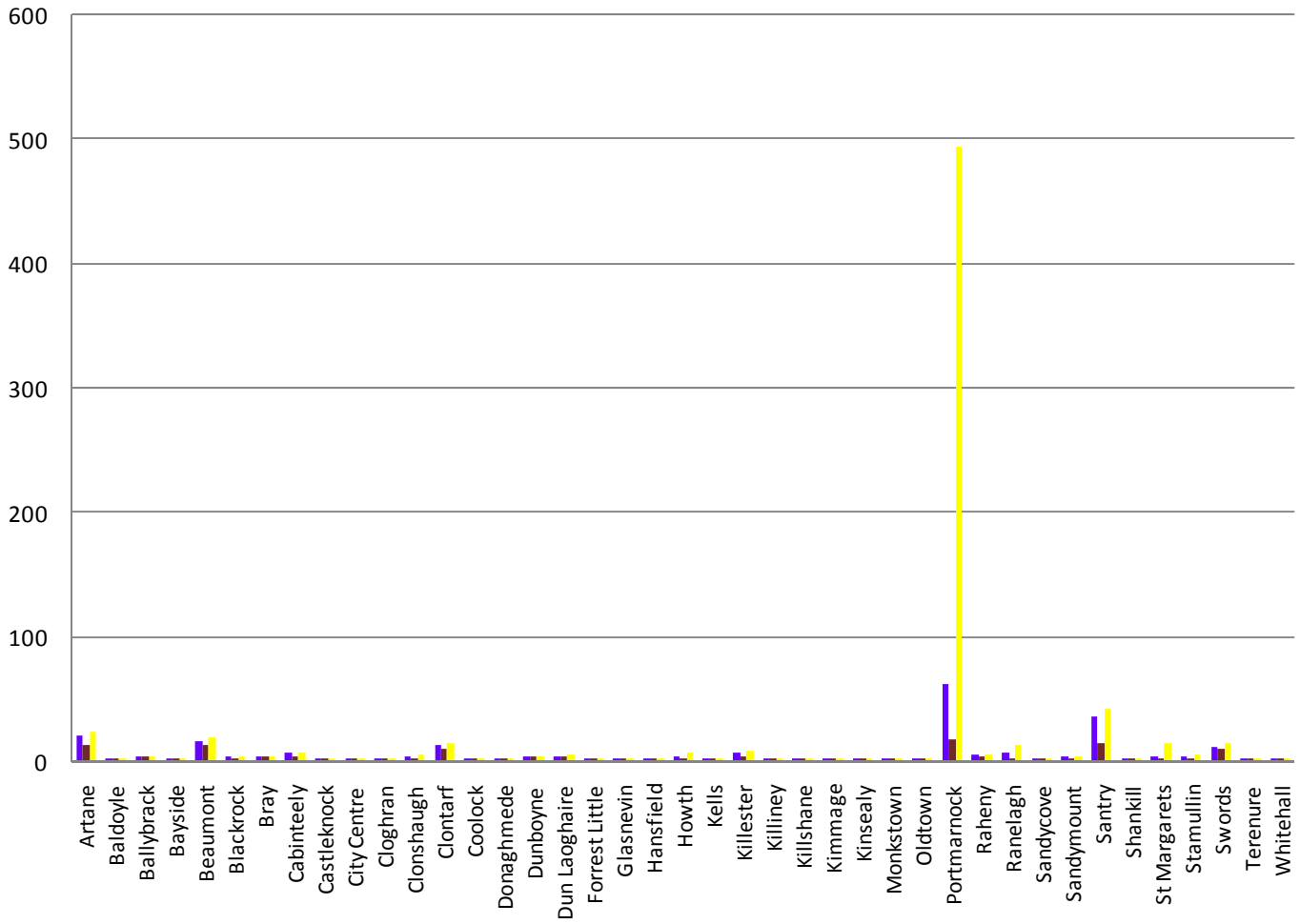


Off Track Specified	14
Engine Test Runs	0
Off Track & Noisy	8
General Noise	32
Ground Noise	0
Low & Off Track	0
Low Flying	0
Low & Noisy	2
Noise & Vibration	0
Vibration	0
Noisy Aircraft	44
Helicopters	0
Off Track Unspecified	6
Off Track & Vibration	0
Total	**106**


Noise Event Analysis By Month 2009-2013
160
140
120
100
80
60
40
20
0
January
February
March
April
May
June
July
August
September
October
November
December
2009
2010
2011
2012
2013


Complainants Analysis By Month 2009 - 2013
45
40
35
30
25
20
15
10
5
0
January
February
March
April
May
June
July
August
September
October
November
December
2009
2010
2011
2012
2013

Complaints Analysis 2013



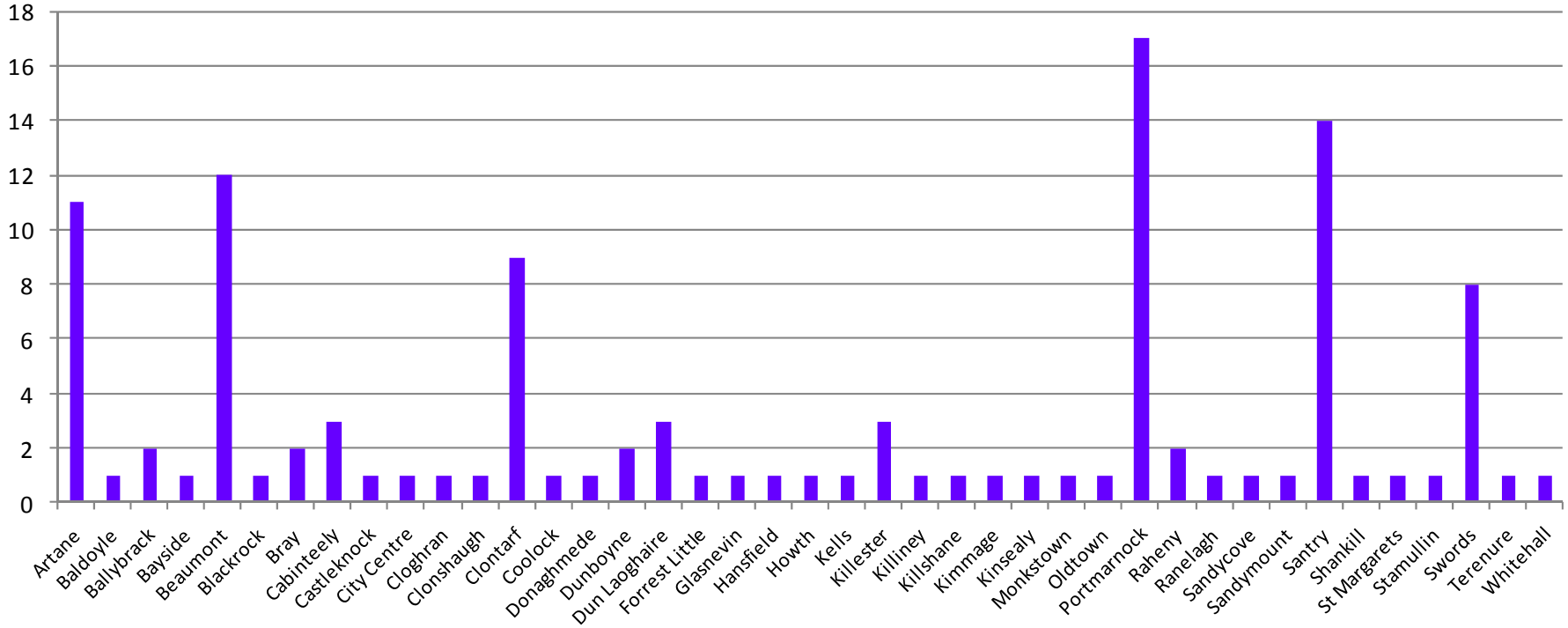
One complainant from Portmarnock submitted 38 contacts concerning 466 events.

Contacts Complainants Events

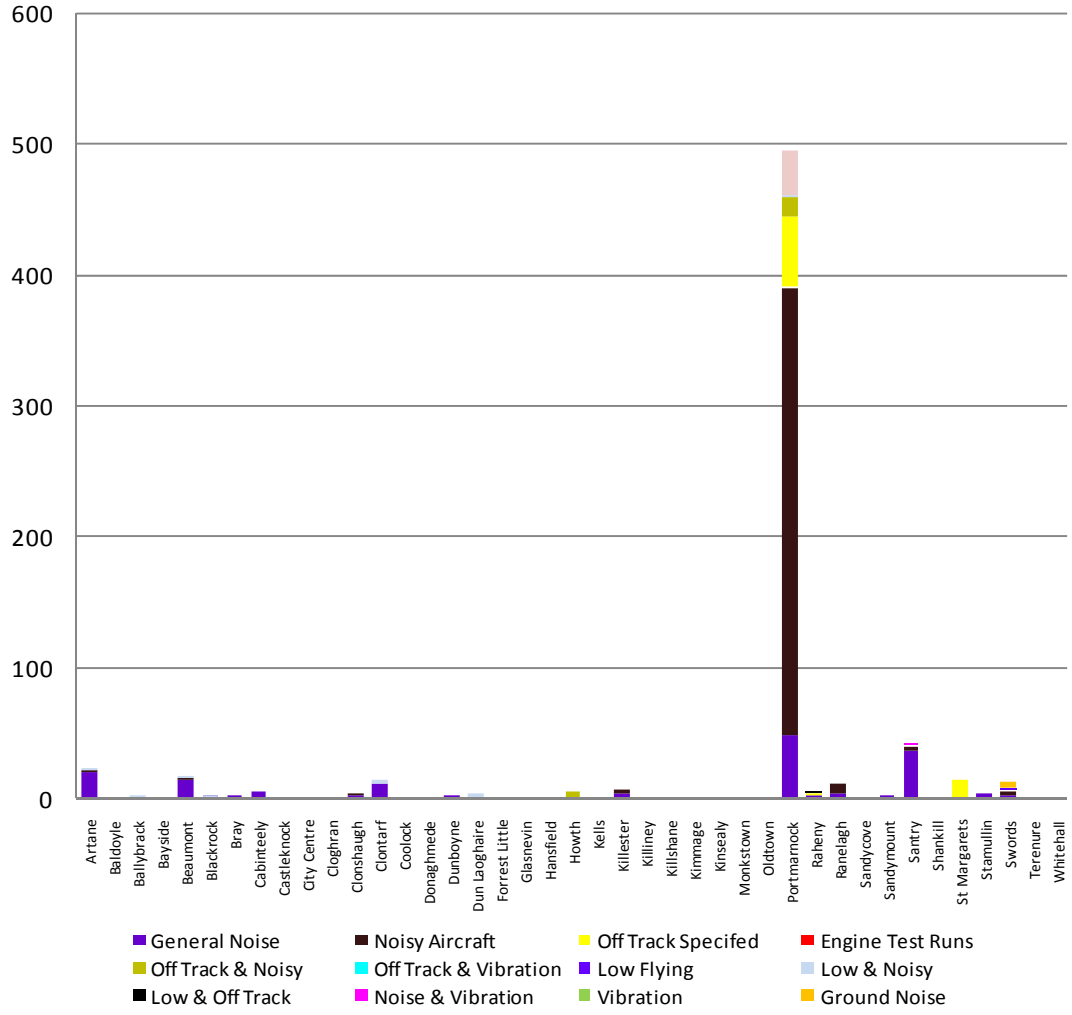
Complaints Analysis Tables 2013

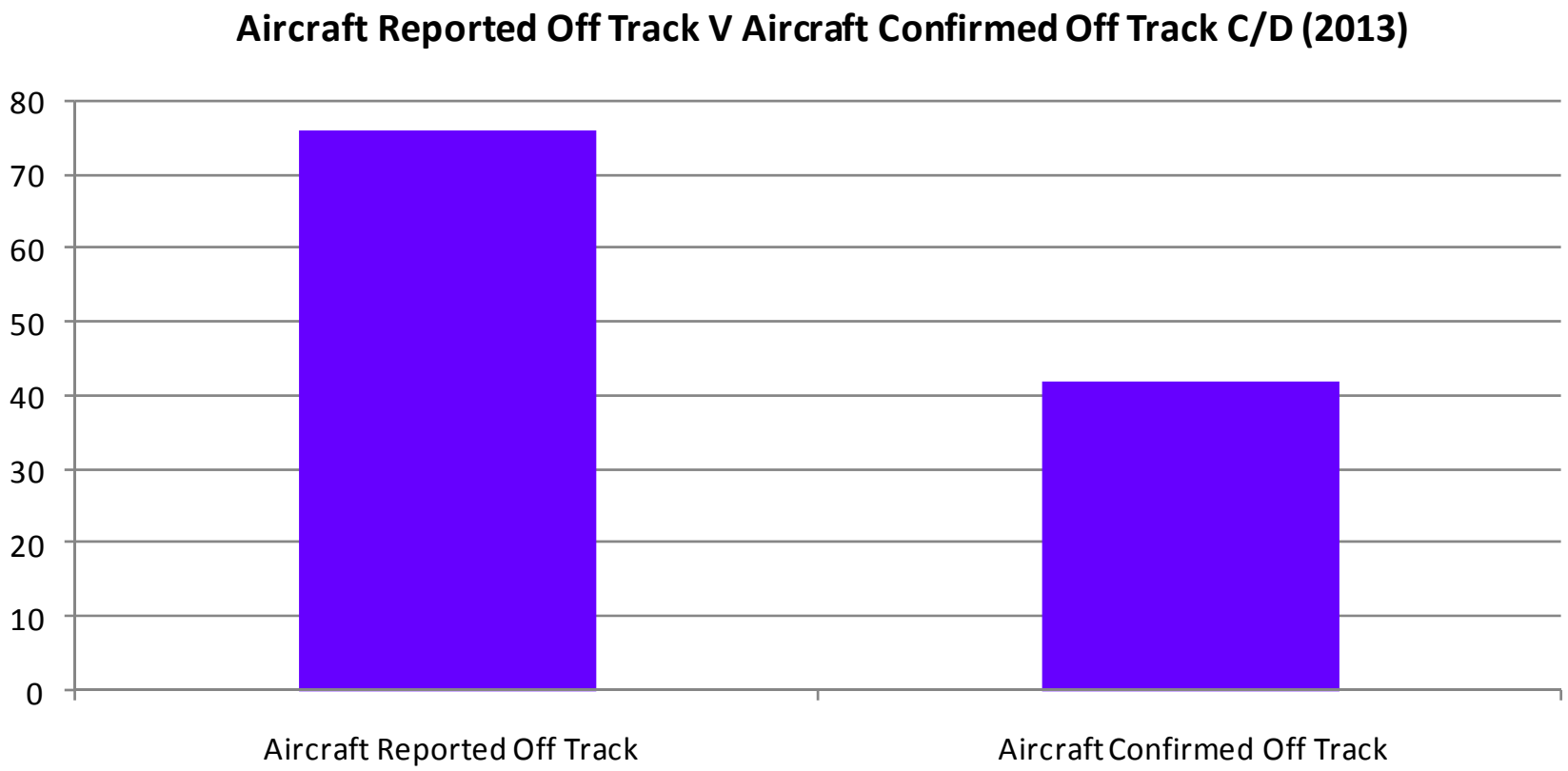
Area	Contacts	Complainants	Events
Artane	19	11	23
Baldoyle	1	1	1
Ballybrack	2	2	2
Bayside	1	1	1
Beaumont	15	12	18
Blackrock	2	1	3
Bray	2	2	2
Cabinteely	5	3	6
Castleknock	1	1	1
City Centre	1	1	1
Cloghran	1	1	1
Clonshaugh	2	1	4
Clontarf	12	9	14
Coolock	1	1	1
Donaghmede	1	1	1
Dunboyne	2	2	2
Dun Laoghaire	3	3	4
Forrest Little	1	1	1
Glasnevin	1	1	1
Hansfield	1	1	1
Howth	2	1	5
Kells	1	1	1
Killester	5	3	7
Killiney	1	1	1
Killshane	1	1	1
Kimmage	1	1	1
Kinsealy	1	1	1
Monkstown	1	1	1
Oldtown	1	1	1
Portmarnock	61	17	494
Raheny	4	2	4
Ranelagh	6	1	12
Sandycove	1	1	1
Sandymount	2	1	2
Santry	35	14	41
Shankill	1	1	1
St Margarets	3	1	13
Stamullin	3	1	4
Swords	10	8	13
Terenure	1	1	1
Whitehall	1	1	1
Total	**216**	**116**	**694**

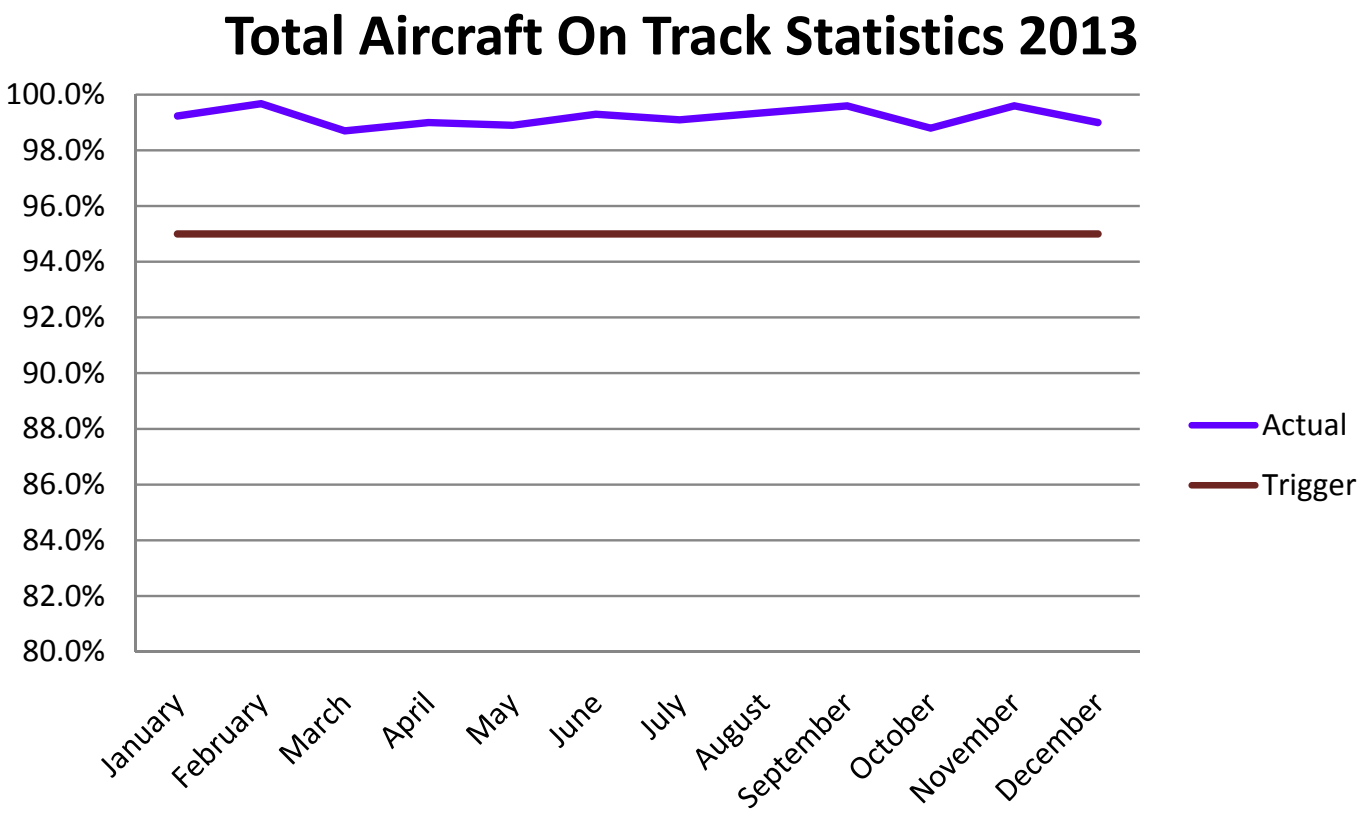
Complainants Analysis By Area 2013



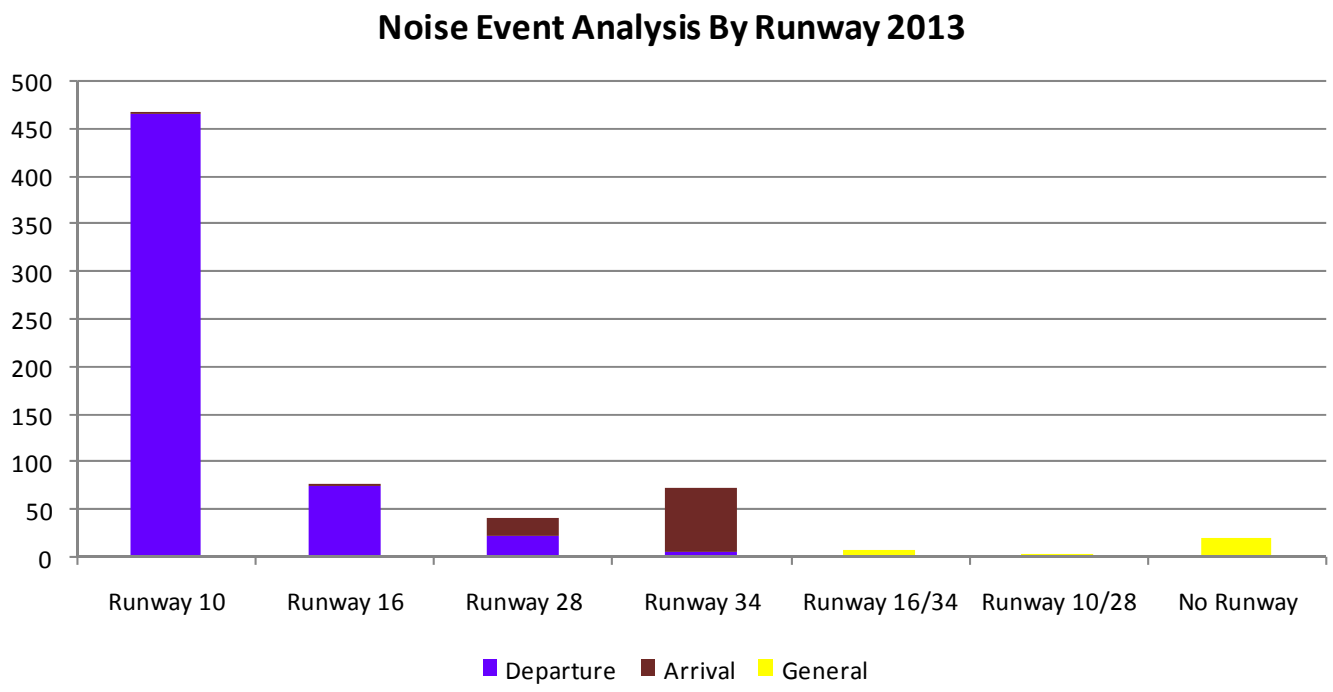
Noise Event Type Analysis By Area 2013




Aircraft Reported Off Track V Aircraft Confirmed Off Track C/D (2013)
80
70
60
50
40
30
20
10
0
Aircraft Reported Off Track
Aircraft Confirmed Off Track

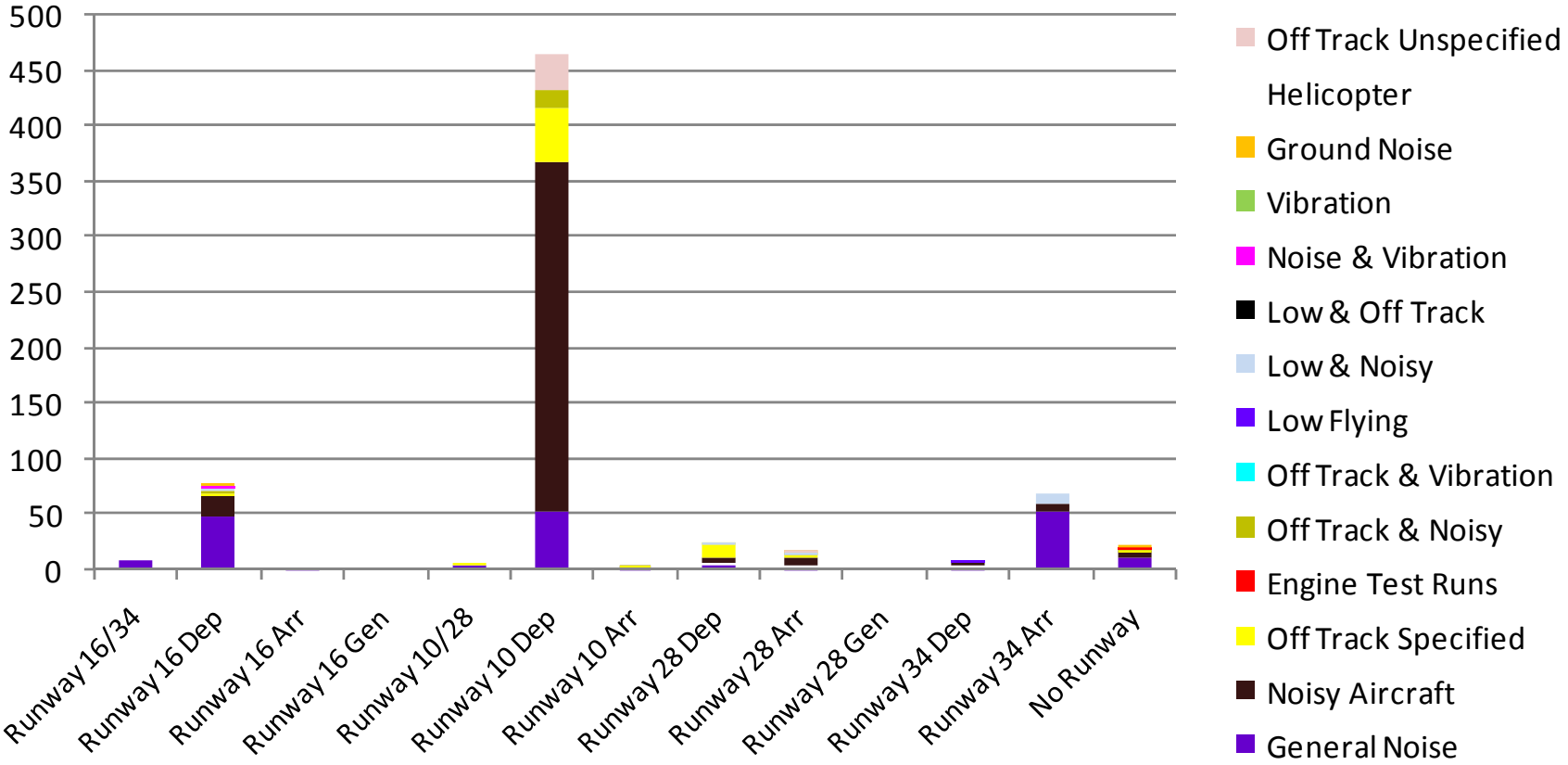


99.2% of all Category C/D aircraft flew on track in the year 2013.

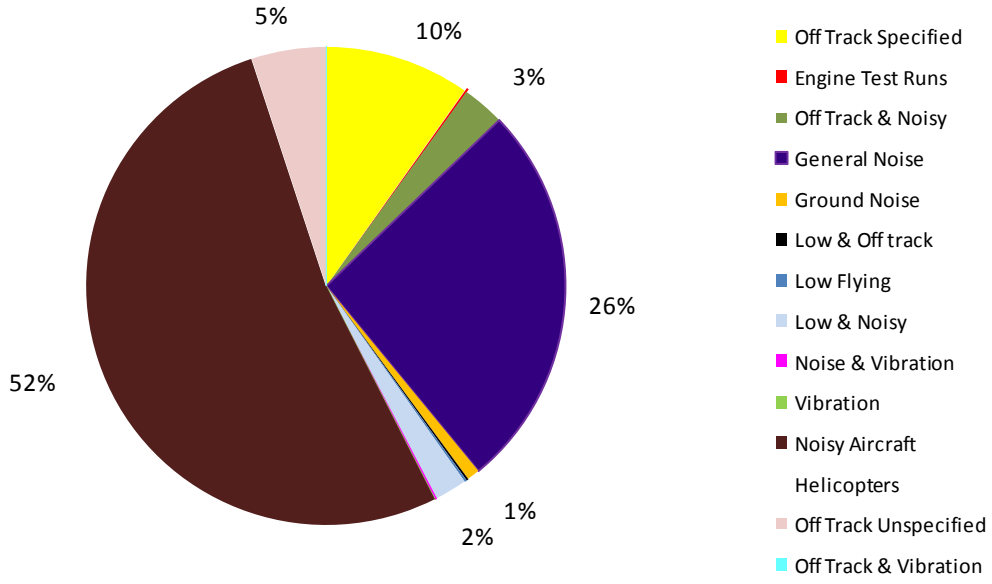


Runway	Runway 10	Runway 16	Runway 28	Runway 34	Runway 16/34	Runway 10/28	No Runway
Departure	466	76	24	6	0	0	0
Arrival	3	1	17	67	0	0	0
General	0	0	0	0	8	4	22
Total	**469**	**77**	**41**	**73**	**8**	**4**	**22**

Noise Event Type Analysis By Runway 2013

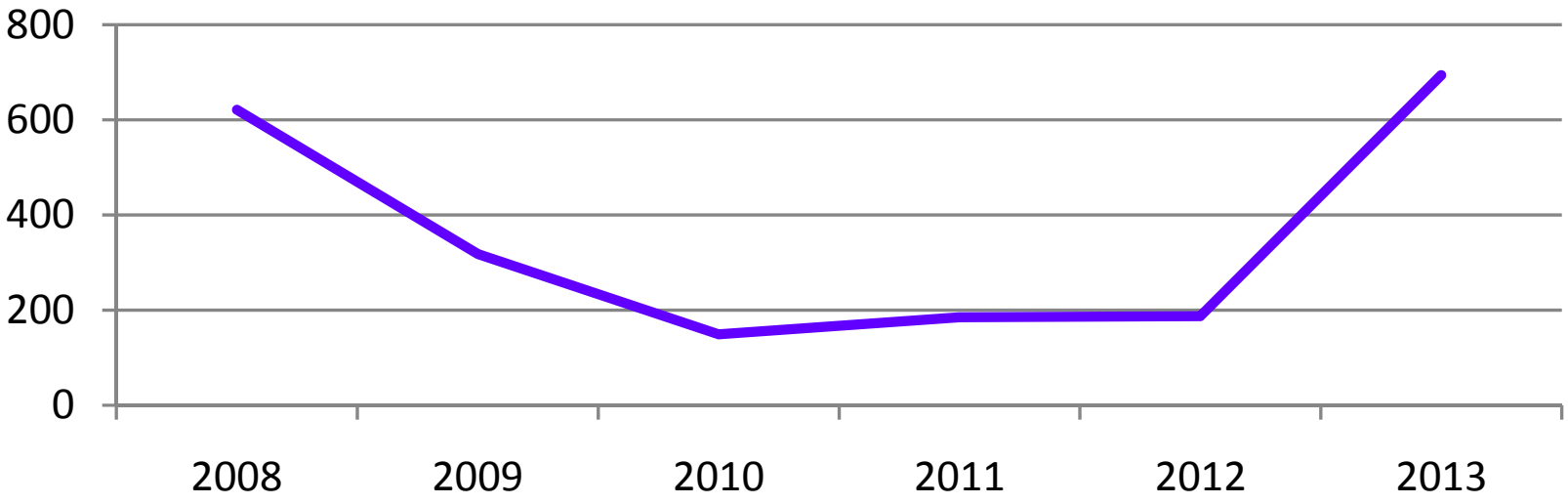


Total Noise Event Type Analysis 2013

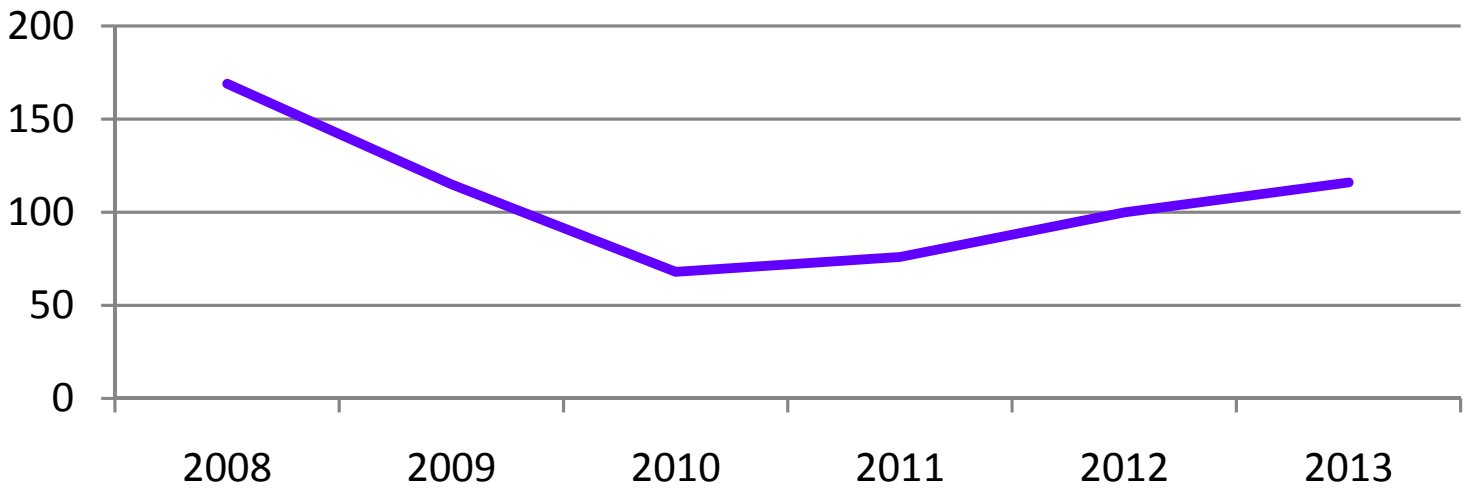


Off Track Specified	68
Engine Test Runs	1
Off Track & Noisy	20
General Noise	182
Ground Noise	6
Low & Off track	1
Low Flying	1
Low & Noisy	15
Noise & Vibration	1
Vibration	0
Noisy Aircraft	364
Helicopters	0
Off Track Unspecified	35
Off Track & Vibration	0
Total	694

Noise Events Analysis 2008 - 2013



Complainants Analysis 2008 - 2013



Noise & Flight Track Monitoring Review 2013

Noise complaints for the year 2013 were up from 2012. The number of noise event complaints rose from 193 in 2012 to 694 in 2013 (+260%). The number of individuals complaining also rose from 100 in 2012 to 116 in 2013 (+16%) while the number of contacts i.e. e-mails, phone calls, letters etc also increased from 155 in 2012 to 216 in 2013 (+39%).

The vast majority of the increase can be attributed to an individual from Portmarnock who contacted us 38 times concerning 466 noise events. If these figures are deducted from the annual totals it brings the noise event complaints down to 228, which is only up (+18%) and contacts would read 178 only up (+15%).The rest of the increase can be directly attributed to runway usage, especially the use of Runway 16/34. In 2013 Runway 34 was used for long periods due to night works as well as wind direction. This caused an increase in the complaint rate from Shankill to Blackrock and surrounding areas aswell as areas from Clontarf to Santry and surrounding areas. It caused the sharp increase in complainants as did the use of Runway 16 especially over the Christmas period.

Probably the best way to assess noise annoyance in a particular area is to examine the number of individuals complaining (page 10). Noise event figures can be easily manipulated by one or two individuals from a particular area.

Aircraft track keeping was constant in 2013 with just over 99.2% of all category C/D aircraft flying on track. This figure is improving slightly as airlines bring more modern aircraft into their fleets with more advanced navigational equipment. This figure will never reach 100% because aircraft must be turned out of the environmental corridors for safety and weather reasons on occasion. I would estimate that the vast bulk of the 0.8% which did not adhere to the environmental corridors left for weather avoidance.

We continue to liaise closely with the Irish Aviation Authority’s Air Traffic Control Service and airlines operating at Dublin Airport to constantly heighten awareness of the noise abatement procedures and to provide information on noise issues.