

# **Airspace and Environment LCACC Quarterly Report**

**1<sup>st</sup> October – 31st December 2017**

**London City Airport  
City Aviation House  
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London E16 2PB  
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## **Introduction**

This purpose of this report is to detail London City Airport statistics about airport operations to not only the Environment and Airspace Committee members, London City Airport Consultative Committee members but also to the local community.

This report covers the period 1<sup>st</sup> October to 31<sup>st</sup> December

## **Notes**

- ❖ Q4 Air Quality statistics not included within this report

## Aircraft Information

	2017				2016			
Key Stats Dashboard	October	November	December	Total	October	November	December	Total
Passengers	403,810	396,215	323,348	1,123,373	390,715	403,069	321,997	1,115,781
Aircraft Scheduled Movements	6,658	6,367	5,180	18,205	6,766	6,933	5,587	19,286

**Table 1: Passenger and scheduled aircraft movement comparison**

The total amount of scheduled movements within this quarter was 18,205. The numbers of passengers was 1,123,373. This represents a 1% increase in passenger numbers and an 11% decrease in scheduled movements when compared to the same period in 2016.

## Runway Utilisation

2017 Q4							
	Number Movements	Runway 09		Runway 27		Runway Usage [%]	
		Arrivals	Departures	Arrivals	Departures	Runway 09	Runway 27
Day	19038	654	663	8825	8896	6.9	93.1
Night	339	19	14	195	111	9.7	90.3
Sum	19377	673	677	9020	9007	7.0	93.0

2016 Q4							
	Number Movements	Runway 09		Runway 27		Runway Usage [%]	
		Arrivals	Departures	Arrivals	Departures	Runway 09	Runway 27
Day	20207	4441	4514	5652	5600	44.3	55.7
Night	369	67	61	129	112	34.7	65.3
Sum	20576	4508	4575	5781	5712	44.1	55.9

**Table 2: Runway Usage by Runway designation. NB: rounding numbers means splits are in some cases over 100% in total.**

The use of either end of the runway for departures and arrivals is based on wind direction as aircraft must take off into the wind. Wind direction therefore changes where aircraft will fly in general when arriving and leaving the Airport because each end of the runway has its own routes

It is important to note, where other airports may indicate night time flying operations London City Airport operational hours are such that from 10:30 until 06:30 hours the Airport is closed. The same applies to weekends with a 24 hour closure period from 12:30 Saturdays until 12:30 Sundays

## Noise and Track Keeping System Performance:

During this quarterly period all Noise Monitors (NMT's) were fully operational and data received for each day.

NMT	Calibration	Data
1	ok	Data received for all days
2	ok	Data received for all days
3	ok	Data received for all days
4	ok	Data received for all days

**Table 3: NTK System Performance**

## Complaints and Enquiries

Type		Q4 - 2016							
		Aircraft Noise	Ground Noise	Aircraft Frequency	Aircraft Flight Paths	Early/Late Ops	Low flying A/C	Planning	Other
Complaints	125	63	2	11	39	1	5	1	3
Enquiries	9	0	0	1	1	1	0	2	4
Non LCY	5	0	0	0	0	5	0	0	0
Total Correspondence	139	63	2	12	40	7	5	3	7
Type		Q4 - 2017							
		Aircraft Noise	Ground Noise	Aircraft Frequency	Aircraft Flight Paths	Early/Late Ops	Low flying A/C	Planning	Other
Complaints	41	35	0	4	0	0	1	0	1
Enquiries	13	2	0	0	5	1	0	0	5
Non LCY	23	1	1	0	1	18	0	0	2
Total Correspondence	77	38	1	4	6	19	1	0	8

Type		EOY 2016							
		Aircraft Noise	Ground Noise	Aircraft Frequency	Aircraft Flight Paths	Early/Late Ops	Low flying A/C	Planning	Other
Complaints	357	165	4	44	113	9	6	4	12
Enquiries	25	4	0	3	4	1	2	6	5
Non LCY	22	1	1	0	0	17	0	0	3
Total Correspondence	404	170	5	47	117	27	8	10	20
Type		EOY - 2017							
		Aircraft Noise	Ground Noise	Aircraft Frequency	Aircraft Flight Paths	Early/Late Ops	Low flying A/C	Planning	Other
Complaints	322	231	1	22	42	8	8	1	9
Enquiries	13	2	0	0	5	1	0	0	5
Non LCY	23	1	1	0	1	18	0	0	2
Total Correspondence	358	234	2	22	48	27	8	1	16

**Table 5: Breakdown of complaint type**

End of 2016		
Row Labels	Count of Borough	Individual Complainants
Barking and Dagenham	10	10
Bexley	5	5
Barnet	1	1
Bromley	1	1
Dartford	0	0
Greenwich	37	30
Harrow	0	0
Havering	30	24
Hertfordshire	1	1
Kent / Undisclosed	8	4
Lambeth	90	12
Lewisham	27	19
N/A	15	15
Newham	32	24
Redbridge	21	18
Medway	0	0
Southwark	2	2
Thurrock	0	0
Tower Hamlets	23	22
Waltham Forest	101	53
Westminster	0	0
Grand Total	404	241

End of 2017		
Row Labels	Count of Borough	Individual Complainants
Barking and Dagenham	9	6
Bexley	12	11
Barnet	0	0
Bromley	1	1
Dartford	1	1
Greenwich	25	22
Harrow	1	1
Havering	17	17
Hertfordshire	2	2
Kent / Undisclosed	6	6
Lambeth	83	13
Lewisham	22	18
N/A	6	6
Newham	41	33
Redbridge	22	19
Medway	1	1
Southwark	17	13
Thurrock	2	2
Tower Hamlets	23	22
Waltham Forest	66	36
Westminster	1	1
Grand Total	358	231

Q4 2016		
Row Labels	Count of Borough	Individual Complainants
Barking and Dagenham	3	3
Bexley	3	3
Barnet	0	0
Bromley	1	1
Dartford	0	0
Greenwich	18	11
Harrow	0	0
Havering	13	12
Hertfordshire	1	1
Kent / Undisclosed	6	2
Lambeth	35	4
Lewisham	4	3
N/A	0	0
Newham	9	9
Redbridge	8	7
Medway	0	0
Southwark	0	0
Thurrock	0	0
Tower Hamlets	7	7
Waltham Forest	31	23
Westminster	0	0
Grand Total	139	86

Q4 2017		
Row Labels	Count of Borough	Individual Complainants
Barking and Dagenham	0	0
Bexley	0	0
Barnet	0	0
Bromley	0	0
Dartford	0	0
Greenwich	9	9
Harrow	0	0
Havering	0	0
Hertfordshire	0	0
Kent / Undisclosed	0	0
Lambeth	4	3
Lewisham	3	2
N/A	0	0
Newham	3	3
Redbridge	0	0
Medway	0	0
Southwark	6	4
Thurrock	0	0
Tower Hamlets	3	3
Waltham Forest	14	6
Westminster	0	0
Grand Total	77	31

**Table 6: Complaint breakdown by local Borough**



## **Sound Insulation Scheme / Construction Sound Insulation Scheme**

126 Surveyed and 40 Installations completed within Proton, Neutron and Electron Towers and Switch House (PENS). Project likely to be completed in August.

Talks commencing with Ballymore (New Providence Wharf) for the installation of secondary glazing within (500+) properties.

## **Construction Sound Insulation Scheme**

- Properties surveyed - 88
- Installed properties- 3
- Properties with product on site to book - 12
- Properties on order due for delivery on Friday 2<sup>nd</sup> - 8
- Properties surveyed to order - 11

## **2017 EOY Developments**

- We have implemented a state of the art bird deterrent system, a quiet and less intrusive method of bird management
- We have completed an artificial substrate mesh for aquatic colonisation and the provision of shelter for fish fry within KGV Dock
- We have continued to operate within our discharge permit with regards to BOD
- Created and implemented a Flood Management Plan for the Airport
- We have installed a new continuous Air Quality Monitor at King George V (KGV) House in order to enhance air quality data capture site wide including PM 2.5.
- First UK airport to end the use of plastic straws – diverting around 100,000 straws a year