

Liverpool John Lennon Airport Consultative Committee

Noise Monitoring Sub-Committee

Date : Friday, 25 October 2019
Venue : Cavern Suite*, Liverpool John Lennon Airport, L24 1YD
Time : 10.30 am

Agenda

1 Apologies

2 Changes in membership

3 Minutes of last meeting

To approve the Minutes of the Sub-Committee held on 19th July 2019.

(Pages 3 - 6)

4 Noise complaints log

To consider the noise complaints log for the period July 2019 to September 2019, attached.

(Pages 7 - 42)

5 Airspace Change

A verbal update from Andrew Dutton, Head of Environment.

6 Noise Complaint Management Challenges

A verbal item from Andrew Dutton, Head of Environment.

7 Any other business

8 Date of next meeting

The next meeting of the Noise Monitoring Sub-Committee is scheduled for 24th January 2020 at 10.30 a.m. in the Cavern Suite, Liverpool John Lennon Airport.

For further information, please contact:

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Date of Publication: 18th October 2019

*** The Cavern Suite is on the first floor of the terminal building, beyond the statue of John Lennon.**

Please park in the Multi-storey Short Stay Car Park opposite to the Terminal Building.

11 APOLOGIES

Apologies:

Alan Ascott Arch Under the Bridge
Larry Dack, Speke Estate
Angus Tilston MBE, Wirral Transport Users Association
Cllr Mary Rasmussen, Liverpool City Council
Tony Rice, Disabled Persons Rep
Jim Candlin, Environmental Health, Cheshire West and Chester Council
Wendy Salisbury Environmental Health Halton Borough Council
Ian Gaskell Environmental Health Knowsley Borough Council
David King-Hele, Environmental Health, Wirral Council

In Attendance:

Norman Elias, Chairman
Dr Ian Rushforth, Environmental Health Liverpool City Council
Cllr Malcolm Spargo, Hale Parish Council
Bob Swann, LJLACC Chairman
Councillor Tricia O'Brien, Liverpool City Council
Phil Jones, Easy Jet

Liverpool John Lennon Airport

Colin Barnes, Environmental Advisor
Andrew Dutton Head of Environment
Mark Swanton Environment Apprentice

Secretariat

Laura Bootland, Assistant Secretary

12 CHANGES IN MEMBERSHIP

The Assistant Secretary gave details of appointments and reappointments notified since the last meeting.

DECIDED: That

It was noted that Cllr Mary Rasmussen had replaced Cllr Jeremy Wolfson for Liverpool City Council, Speke and Garston Ward.

13 MINUTES OF LAST MEETING

DECIDED: That

the minutes of the meeting of the Noise Monitoring Sub-Committee held on 5th April 2019 be agreed as a correct record.

14 NOISE COMPLAINTS LOG

The Sub-Committee considered the Noise Complaints Log, which detailed the complaints received and the responses, for the period April 2019 to June 2019. Colin Barnes gave a presentation to members on the Noise Log which included analysis of the number of noise complaints received by date, number of complainants, administrative area and the total number of complaints compared to the previous year. He also detailed the number of engine test runs. The presentation is attached to these minutes.

During the period a total of 10,130 noise complaints had been received, although 10,081 were from one individual and 44 were not. There were also 5 general complaints.

The Sub-Committee discussed the complaints log and the different types of airport noise which could cause disturbance, including noise from different models of aircraft. It was noted that the majority of the 44 complaints were relating to runway noise. There had been no complaints relating to engine test runs.

The Sub-Committee commented on the wide geographical spread of the complaints across Liverpool and the wider region. It was confirmed that all of the complaints had been investigated and the flights in question were found to be operating within normal parameters.

DECIDED: That

the Noise Complaints Log for 1 April 2019 to 30th June 2019 be noted.

15 AIRSPACE CHANGE

Andrew Dutton, Head of Environment at the Airport updated members on the process for the proposed changes to airspace at the Airport which had been triggered by the need to transition from land based navigation beacons to satellite based guidance. The land based navigation aids are being rationalised nationally by 2022.

The Sub-Committee were advised that the Stage 2 Gateway has been passed by the Civil Aviation Authority and had now been passed following some changes to the wording. The next stage is the Stage 3 Consultation. The preparation for the consultation is starting in early 2020.

The Sub-Committee were asked for suggestions of who the Airport should consult with and the bulk of the consultation will be visible on the CAA Portal and will include responses and replies.

In response to questions from the Sub-Committee, it was confirmed that the airspace change be seeking to have an overall carbon emissions improvement.

DECIDED: That

the update on airspace change be noted.

16 INDEPENDENT COMMISSION ON CIVIL AVIATION NOISE (ICCAN)

Bob Swann, the Chairman of the Liverpool Airport Consultative Committee spoke to advise the Sub-Committee about the Independent Commission on Civil Aviation Noise (ICCAN) which provides an independent voice on civil aviation noise issues. ICCAN’s board of 5 Commissioners is headed by Robert Light, formerly the Leader of Kirklees Council.

ICCAN began work in January 2019 and followed the Government’s 2017 response to a consultation on UK airspace policy. There had been overwhelming support for a commission to be set up as it was felt that trust had broken down between the public, aviation and the aviation authority and better engagement was required with communities.

ICCAN would be an independent advisory body and not have enforcement or statutory powers and will inform future government policy.

The Commissioners have been visiting airports across the country and Liverpool Airport had been visited in June 2019.

DECIDED: That

The update on ICCAN be noted.

17 ANY OTHER BUSINESS

There was no business under this item.

18 DATE OF NEXT MEETING

The next meeting of the Noise Monitoring Sub-Committee is scheduled for 25th October at 10.30 a.m. in the Cavern Suite, Liverpool John Lennon Airport.

PRESENTATION SLIDES - NOISE LOG – ATTACHED BELOW

Chairman

Date

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NOISE COMPLAINTS LOG
LIVERPOOL AIRPORT NOISE MONITORING SUB-COMMITTEE:
Noise Complaint Log July to September 2019

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Wavertree, Liverpool	1 st July 2019	23:00	We experienced a series of late night fly pasts last night and I wonder whether there's been a change to the inbound timetable? Over the last two years the only late evening plane we had fly past us was around 10:30, but we received 3/4 last night up until midnight.		General Enquiry	Email sent with an explanation that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966. The Runway is one physical strip of tarmac which is 45 meters wide. The runway can either be operated in an east-to-west direction ('Runway 27'), or a west-to-east direction ('Runway 09'). The direction in which Air Traffic Control at the airport operate the runway is decided predominantly but not exclusively by the direction and strength of the wind at that time, it is far safer and efficient for aircraft to take off and land into the wind.
Runcorn, Halton	6 th July 2019	00:15	I am not sure if over the past month that the flight path has changed slightly but most evenings many planes pass over my house lower and closer than ever before. I have lived here for 7 years but recently it has been worse than ever. The event in question above was the last of 6 planes that had boomed directly over my house last night.	easyJet	Arrived on runway 27	Email sent which explained that the aircraft that passed over Runcorn was an easyJet A320 which arrived on runway 27 from Bodrum. As the aircraft passed over Runcorn it was at a height of 1343 feet and an L _{Amax} of 84.0dB at the Hale NMT. The Aircraft was operated within normal parameters.
Meols, Wirral	9 th July 2019	13:09	Further to your reply and attachments I would make the following requests. I find it hard to believe that you can't confirm the amount of aircraft flying over West Wirral when you must have all the data: Flight times, carriers, destinations, routes, ATC data and flight paths? Surely this must be a		General Enquiry	Sent an Email replying to their concerns and explained that during our last correspondence that we were in the process of updating the airports noise monitoring system and was not fully able to investigate these enquiries

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Item No. 4

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
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page 8			<p>legal requirement to hold such data. You mention flights to Ireland and the Isle of Man use the relevant runways and pass over Meols. I can't believe there are so many flights from Liverpool to these two destinations per day. We currently have circa 10-15+ low altitude flights over our property per hour? This has increased exponentially over the last few years and is 24/7 so no respite! There have been so many flights that must be way below the minimum level shown on your data, 2,500ft? The planes are so low that the wheel doors and entry door are clearly visible and the windows in our house vibrate with the noise level? These are various carriers including Easy Jet, Ryan Air and others. I note that the local press said the airport celebrated 2 new carriers starting to use the airport! What is the impact on the local population, no mention of that? Another potentially serious issue is the amount of pollution produced from the large amount of low flying aircraft over the area. This will be enhanced further during the summer months due to the hot air pressure. Does the airport keep records of potential pollution levels based on the aircraft types, aircraft technical data and relative weather conditions?</p>			
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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
<p style="text-align: center;">page 9</p> <p>Aigburth, Liverpool</p>	10 th July 2019	10:42	<p>I have been awoken of late by an increase of early morning flights at the airport as well as flights after midnight. This morning, for example, (Wednesday, July 10) there was a take-off at 4.50 am and a helicopter flight 20 minutes or so before that. There are also frequently flights after midnight these days. What is the reason for this? I should explain that I live off Church Road, by Penny Lane and we would appear to be over the flight path. I have a friend and former colleague on the Liverpool Echo who lives off Aigburth Road who tells me that she is experiencing more noise here than she did when she lived near Heathrow. Why is it necessary for aircraft to fly over such a densely populated part of Liverpool, especially at night and early mornings? You will appreciate that these problems are exacerbated by the need to leave windows open during the hot summer months.</p>	Ukraine Air Alliance	Departed on runway 27	<p>Email sent which explained that the first aircraft that passed over Aigburth was a Cavok Air Antonov AN-12 which departed on runway 27 to Gothenburg. As the aircraft passed over Aigburth it was at a height of 2904 feet. The Aircraft was operated within normal parameters.</p> <p>The second aircraft that passed over Aigburth was a Ukraine Air Alliance Antonov An-12 which departed on runway 27 to Gothenburg. As the aircraft passed over Aigburth it was at a height of 3209 feet. The Aircraft was operated within normal parameters.</p> <p>Also replied to their question on Heathrow Airport providing them with the information that regarding the number of aircraft movements of compared to Heathrow Airport. Liverpool John Lennon Airport we had a total of 59,320 aircraft movements for 2018 compared to the 477,604 Heathrow Airport had in the same period.</p>
Liverpool, Liverpool	10 th July 2019	17:04	<p>Have noticed over the last month there is an increase in aircraft noise during the afternoon about 16:00 across the middle of the city L13, L7, L14 areas and on one occasion during the night.</p> <p>It has interfered with several important telephone conversations and is caused by large aircraft flying</p>			<p>Email sent with a detailed explanation that they may notice a difference in the number and altitude of aircraft which you observe in the vicinity of your home depending on the direction of the wind. This is because the aircraft take off and land into the wind to make the aircraft more stable whilst landing and provide more lift whilst taking off. Therefore, when the wind is from the west aircraft will depart from Liverpool Airport towards the</p>

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
			low across the city. I was under the impression that landings and take offs from the airport where done via approaches across the river and not over the city. Is this what we have expect from any further expansion of the airport?			Wirral and when the wind is from the east they will approach to land over the Wirral and that during 2018, 70% of aircraft movements used runway 27 and 30% of aircraft using runway 09 over Wirral. The Airport also spoke about the day to day running of the airport.
Speke, Halton	11 th July 2019	05:00	Very loud aircraft noise for at least 15 minutes at 5 am!			Email sent which explained that the aircraft that passed over Speke was a Ukraine Air Alliance Antonov AN-12 which departed on runway 27 to Gothenburg.
Runcorn, Halton	11 th July 2019	06:20	Disruption of sleep, been going on for 2 years now with flights sometimes going into land at 1.30 am. Know I can't do anything about it really as I can guess the response of an airport and have resigned myself to accept that its normal between certain times of the day. I thought this was however against the law for airports to operate flights outside of certain hours? especially at night times and early mornings. This morning's latest 6. 20 am and on occasion has been earlier, woke my child up and indeed the whole house can't have windows open at all, even in summer. It's an absolute disgrace! How you are getting away with it, seem to now have our property on incoming flight path to John Lennon Airport.			Sent a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights is The Night Time Aircraft Quota Count Scheme (QCS) based upon the restrictions and that at Liverpool John Lennon Airport the two main types of aircraft used are the Airbus A319 (predominantly used by easyJet) which has an arrival QC of 0.25 and a departure QC of 0.5 and Boeing 737-800 (which are used by Ryanair) which have an arrival QC of 0.5 and a departure QC of 1. and spoke about the day to day running of the airport.
Widnes, Halton	11 th July 2019	23:25	A large plane flew very low at this time and was exceptionally noisy, and nosier than the usual incoming flights	Ukraine Air Alliance	Departed on runway 27	Email sent which explained that the aircraft that passed over Widnes was a Ukraine Air Alliance Antonov An-12 which departed on runway 27 to

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
page 11			<p>into the airport that follow a similar path, e.g. easyJet flights. It's the second time in the past week that the plane has flown over (1st time was Sunday 07/07/19 approximately 1440pm). According to the flightradar24 app, it's the same plane doing the same route in both instances; an Antonov AN-12BP, registration mark UR-CAK flying at approximately 6000ft and heading for Gothenburg. The Sunday wasn't as bad as it was in the afternoon, but for such a large, noisy, low flying plane to fly over at 2330 was not pleasant. I was under the impression that the airport didn't allow take-off or landing between 2300 and 0600. If you could investigate this and feedback, I'd appreciate it. Thanks in advance.</p>			<p>Gothenburg. As the aircraft passed over Widnes it was at a height of 6453 feet. The Aircraft was operated within normal parameters. Also explained that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966.</p>
Bebington, Wirral	12 th July 2019	21:10	<p>Thank you for your letter detailing aircraft movements over the Wirral. Can you please provide details of public consultation that took place when considering the implementation or continuing the operation of these flight paths and who the decision maker is/was? Additionally would be able to provide the lowest altitude aircraft reach on approach and departure over Bebington?</p>			<p>Explained Liverpool Airport was officially opened in 1933, whilst the current runway (09/27) was opened in 1966. Therefore, the Airport Company does not have any records of the formal planning process at that time. However, the planning applications at the start of 2000 are part of the public record and did include significant information about the noise impact of aircraft using Liverpool John Lennon Airport. The local planning authority consulted its neighbouring authorities which includes Wirral MBC. The Airport also attached a map which showing all aircraft that passed within 1.5 mile radius of Bebington for the</p>

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
						month of July 2019. The tracks show the altitude of the aircraft. from the map the majority of the aircraft pasted over at 3000 plus feet.
Great Sutton, Cheshire West & Chester	12 th July 2019	20:00	I live on the flight path of the airport and I have noticed an increase in air traffic, probably due to my 2-year-old being disturbed by aircraft noise when he's sleeping. I like aircraft and the wife, and I enjoy watching the Aircraft fly over, but my son doesn't like the noise when he's sleeping. What is the maximum dB of noise I should get inside my house from aircraft? Is there a grant in place to replace to replace doors, windows and insulation? We built our house not long ago and it has been well insulated and we're not after handouts, I just want my son to have a good night's sleep.			Email sent with a detailed explanation that they may notice a difference in the number and altitude of aircraft which you observe in the vicinity of your home depending on the direction of the wind.
Hale, Halton	14 th July 2019	11:55	Load aircraft noise overpowered the noise off my Jack hammer	Ryanair	Departed on runway 09	Email sent which explained that the aircraft that passed over Hale was a Ryanair Boeing 737 – 800 which departed on runway 09 to Knock. As the aircraft passed over Hale it was at a height of 1251 feet and has an L _{Amax} of 84.9dB at the Hale NMT. The Aircraft was operated within normal parameters.
Hale, Halton	14 th July 2019	16:38	Noise over village thought my diesel engine had cut out couldn't hear it above the noise	easyJet	Departed on runway 09	Email sent which explained that the aircraft that passed over Hale was an easyJet A319 which departed on runway 09 to Amsterdam. As the aircraft passed over Hale it was at a height of 1388 feet and has an L _{Amax} of 72.0dB at the Hale NMT. The Aircraft was operated within normal parameters.

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Hale, Halton	14 th July 2019	17:06	Noise over village couldn't hear the rock band in the back garden	easyJet	Departed on runway 09	Email sent which explained that the aircraft that passed over Hale was an easyJet A320 which departed on runway 09 to Belfast. As the aircraft passed over Hale it was at a height of 1438 feet and has an L _{Amax} of 72.9dB at the Hale NMT. The Aircraft was operated within normal parameters.
Flint, Flintshire	15 th July 2019	11:58	Low flying Easy jet aircraft over Flint Mountain a lot lower than normal, I know as they fly over every day this was definitely low. Not noisy though	easyJet	Arrived on runway 09	Email sent which explained that the aircraft that passed over Flint Mountain was an easyJet A319 which arrived on runway 09 from Palma de Mallorca. As the aircraft passed over Flint Mountain it was at a height of 3435. The Aircraft was operated within normal parameters. also attached a map which showed all aircraft that passed within 1km of Flint mountain between the 1 st and 15 th July 2019. The tracks show the altitude of the aircraft. The map showed the majority of the aircraft where over 4000 feet.
Calderstones, Liverpool	16 th July 2019	14:49	I've lived here for quite a while 5-6 years and have not had an issue before, however since mid-February there seems to be a change in flight path, with a lot of traffic now passing over my property, very loudly and very often. There have always been one or two planes fly over in summer, in a day but not to the extent it is now! The noise sometimes is so loud with planes being low, I can't even hear my tv or while I sleep at night. We often now get the big beluga plane took over head. Is there any way this route/path could be changed?			Sent a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights is The Night Time Aircraft Quota Count Scheme (QCS) based upon the restrictions and that at Liverpool John Lennon Airport the two main types of aircraft used are the Airbus A319 (predominantly used by easyJet) which has an arrival QC of 0.25 and a departure QC of 0.5 and Boeing 737-800 (which are used by Ryanair) which have an arrival QC of 0.5 and a departure QC of 1. and spoke about the day to day running of the airport.

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Wavertree, Liverpool	21 st July 2019	00:54	This flight is too late at night 1 am and we are in direct path. We can hear this flight through our double glazing and is disturbing our sleep.	NWPAS	Hawarden Airport	Email sent which explained that the aircraft that passed over Wavertree was an NWPAS (Police) which departed from Hawarden. As the aircraft passed over Wavertree it was at a height of 1118 feet. The Aircraft was operated within normal parameters.
Woolston, Warrington	21 st July 2019	11:10	A large low flying aircraft has just passed over my house, this also happened yesterday, in the evening. There have never been large passenger aircraft flying directly overhead before, please confirm these are one off incident and not changes to flight plans which have been implemented with no prior warning! There are often small aircraft and helicopters using the airspace corridors between Liverpool and Manchester airports, why are large passenger flights suddenly appearing?	Ryanair	Arrived on runway 27	Email sent which explained that the aircraft that passed over Warrington was a Ryanair Boeing 737 - 800 which arrived on runway 27 from Szczecin. As the aircraft passed over Warrington it was at a height of 2147 feet and has an L _{Amax} of 83.2dB at the Hale NMT. The Aircraft was operated within normal parameters.
Warrington, Warrington	22 nd July 2019	19:14	All day aircraft have been flying in this area. An earlier plane we could actually hear what sounded the landing gear coming down. At 19.14 this one came low and over my property. Very noisy and very low!	Ryanair	Arrived on runway 27	Email sent which explained that the aircraft that passed over Warrington was a Ryanair Boeing 737 - 800 which arrived on runway 27 from Cork. As the aircraft passed over Warrington it was at a height of 2086 feet at the Hale NMT. The Aircraft was operated within normal parameters.
Runcorn, Halton	24 th July 2019	11:11	I have resided at my current address now for many years and now just about come to the end of my tether with the amount of noise from aircraft flying into John Lennon airport, from early hours right through the day and night and all for the sake of setting a course of just a couple of degrees			Sent a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights. Also included a detailed explanation that they may notice a difference in the number and altitude of aircraft which you observe in the vicinity of your home depending on the direction of the wind. The Airport also spoke about the day to day running of

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
page 15			<p>more that I'm sure would satisfy many people in and around my community. It gets so loud I really can't hear my tv without having to blow my speakers and not even able to open my doors and windows. I live in run corn and the planes fly that low over my house on approach to the airport I can do a visual check on the maintenance to the underbelly of the aircraft that fly directly over my house. I live less than a mile from the Leeds/Liverpool canal and the new Mersey gateway bridge which I'm sure like I said before a couple more degrees over uninhabited land I'm sure wouldn't miss the runway on approach. Well worth looking into. Unless you would like to fund my house with triple glazing and air conditioning.</p>			<p>the airport and an explanation that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966 that included a timetable for the summer and winter seasons.</p>
Huyton, Liverpool	26 th July 2019	23:49	<p>Flights over our house appear to be more regular and lower. This noise is quite disturbing. We have lived here for 18 years and over the last few months, flight noise has become more regular.</p>	Enter Air	Arrived on runway 27	<p>Email sent which explained that the aircraft that passed over Huyton was an Enter Air Boeing 737 - 800 which arrived on runway 27 from Lourdes. As the aircraft passed over Warrington it was at a height of 3889 feet. The Aircraft was operated within normal parameters.</p>

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Old Swan, Liverpool	26 th July 2019	16:44	I write to express deep concern about the recent nighttime aircraft noise I have experienced in Old Swan. Last night, there was a significant amount of aircraft noise at 1:04am and 2:22am, corresponding to flight numbers BMS9PT and 0B134 respectively. I am particularly interested if there is any justification for flying aircraft over such densely populated areas in the early hours of the mornings? I'm also interested if you have a night curfew policy, similar to Heathrow airport in London?	Enter Air Blue Air	Departed on runway 27 Arrived on runway 27	Email sent which explained that the first aircraft that passed over Old Swan was an Enter Air Boeing 737 - 800 which departed on runway 27 to Lourdes. As the aircraft passed over Old Swan it was at a height of 3986 feet. The Aircraft was operated within normal parameters. The second aircraft that passed over Old Swan was a Blue Air Boeing 737 - 400 which arrived on runway 27 from Bucharest. As the aircraft passed over Old Swan it was at a height of 3881 feet. The Aircraft was operated within normal parameters.
Sefton Park, Liverpool page 16	28 th July 2019	11:03	I live in the L17 area, and for the past few months I have noticed a significant increase in aircraft noise, particularly at nighttime. During periods of hot weather, I need to be able to open my bedroom window to be comfortable, but I have been disturbed by low flying aircraft on several occasions in one night. These constant disturbances have caused me to be sleep deprived. I would be surprised if I am the only person having this problem, as I live in a very populated area.			Email sent with included a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights. Also included a detailed explanation that they may notice a difference in the number and altitude of aircraft which you observe in the vicinity of your home depending on the direction of the wind.
Ellesmere Port, Cheshire West and Chester	1 st August	19:05	We get a lot of disturbance from your airport. Today has been dreadful. Different direction very fast and very low. Your successful airport makes more people unhappy than it does happy. This used to be a nice place to			Email sent which explained that Ellesmere Port lies under the 'NANTI' Standard Instrument Departure Route (SID) used for Southern departures to UK and European destinations when runway 27 is in operation and that Aircraft passing over Ellesmere Port will be climbing out to cruising altitude and

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
			live, now we can hardly hear ourselves talk when we are in the garden. I hope someone somewhere has a conscience.			will typically be above 3500 feet. The height the aircraft will pass Ellesmere Port will vary depending on factors such as the size and weight of the aircraft as well as metrological conditions. Aircraft may also be restricted to a certain height during the climb due to other aircraft activity within the vicinity. Also included a map that shows the swath of aircraft tracks on the NANTI SID in the vicinity of Ellesmere Port. most aircraft are between 3000 and 5000 feet.
Birkenhead, Wirral	2 nd August	02:06	Woken at 2am by a plane landing at LJA, due to a loud 'shrill' noise of the engine! Surely there should be night restrictions on flights at this time of night??!	Jet2	Manchester Airport	Sent a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights is The Night Time Aircraft Quota Count Scheme (QCS) based upon the restrictions and that at Liverpool John Lennon Airport the two main types of aircraft used are the Airbus A319 (predominantly used by easyJet) which has an arrival QC of 0.25 and a departure QC of 0.5 and Boeing 737-800 (which are used by Ryanair) which have an arrival QC of 0.5 and a departure QC of 1. explained that the aircraft that passed over Birkenhead was a Jet2 A332 which arrived at Manchester Airport. As the aircraft passed over Wavertree it was at a height of 6123 feet. The Aircraft was operated within normal parameters.
Halewood, Knowsley	3 rd August 2019	23:01	We are woken up daily at approx. 6am. We have to have the windows open in this heat. Do you change the flight plan, and if so, how long do we have to deal with the current one? They seemed to be going overhead all night a few nights ago. I hate to complain but I wouldn't consider myself living near the airport and our			Email sent with an explanation that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966. The Airport also attached the tracks from the 1 st June to the 8 th June 2019 and included the same week in 2018 to show the similarities in the level operations on these two dates. This also shows all aircraft that passed within 1km of Halewood on these dates. The

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
			sleep is really being affected. Once a 2 year old is awoken by an airplane, he is not going back to sleep. I do appreciate they have to land/take off and I do use the airport, just hoping we get a break and a lie in soon.			tracks show the altitude of the aircraft. The map showed the majority of the aircraft pasted over between 2000 and 3000 feet
Warrington, Warrington	4 th August	18:13	I have recently noticed an increase in the number of flights passing almost directly overhead. In the past they have travelled around the high point and the noise has been more limited. Also, the number of late evening flights has increased. I would be grateful if you could arrange for all flights to avoid this are as before			Email sent with a detailed explanation about the day to day running of the airport and an explanation that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966 that included a timetable for the summer and winter seasons.
Hale, Halton page 18	10 th August	03:30	Woken up by very loud aircraft. Thought no nighttime flights allowed.	Blue Air	Departed on runway 27	Email sent which explained that the aircraft that passed over Hale was a Blue Air Boeing 737 - 400 which departed on runway 09 to Bucharest. As the aircraft passed over Hale it was at a height of 700 feet with an L _{Amax} of 85.3dB at the Hale NMT. The Aircraft was operated within normal parameters.
Warrington, Warrington	14 th August	14:43	Hi, I live in Warrington and have done for nearly 4 years. In that time, I've never had an issue with plane noise given I'm approx. 6 miles from the airport and use to live at L26 1UW for 20 years. In the last 2 months I've noticed planes seemingly lower and a lot louder of an afternoon/evening up until 10pm and it seems like the flight path may have changed. Having a young child who is easily woken this is becoming problematic. Obviously, the planes can arrive from different directions, but they pretty much go			Email sent with a detailed explanation about the day to day running of the airport and an explanation that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966. Also, to help illustrate the movement of aircraft in relation to the geography of the region, the Airport included two maps to show the aircraft tracks for two typical days with the different runway orientations in operation.

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
			over my house in some circumstances. As I said, they never used to and that's how I've noticed. Can this issue be investigated?			
Hale, Halton	14 th August	20:00	A flight came over my house which was so loud and low that the house shook. The walls in my daughter's bedroom vibrated. I have lived here for 7/8 years and have never experienced such physical movement or noise. It was horrendous.	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 241 feet. The Aircraft was operated within normal parameters.
Hale, Halton	14 th August	20:00	Extremely noisy, low plane that woke my baby up with all windows closed.	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 291 feet. The Aircraft was operated within normal parameters.
Hale, Halton	14 th August	20:00	Large cargo plane. Why can't all planes follow the river and not pass over the village! They're far too low and much too loud. Our windows shake from it! Must be terribly for those closer!	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 284 feet. The Aircraft was operated within normal parameters.
Hale, Halton	14 th August	20:00	Very loud and low over the village	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 268 feet. The Aircraft was operated within normal parameters.
Hale, Halton	14 th August	21:04	I am writing to strongly complain about the horrendous noise from the cargo Plane! This evening at approximately 8.05pm the Cargo plane flew over Hale Village so low I	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 247 feet. The Aircraft was

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
			could have touched it, I felt I was in a war zone , the floor in my home vibrated , I had to put my hands over my ears because it was deafening, my dogs were frightened and barking an absolute disgrace !! Surely this isn't allowed, the noise is bad enough when it flies over at a normal height and should be monitored however this was off the scale!! I would like the email address of the environmental minister if you have it please, and I also demand an explanation of why it flew so low this evening. I look forward to your comments.			operated within normal parameters.
Hale, Halton page 20	14 th August	21:05	Telephoned over the cargo flight that disrupted hale	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 265 feet. The Aircraft was operated within normal parameters.
Hale, Halton	14 th August	22:15	I am writing to complain about a very low flying airplane that came over our village (Hale Village) this evening at approximately 8.15pm tonight, the plane was flying extremely low as it was coming into land and was very noisy. I was extremely worried that it was in trouble and going to crash land, I think it was a cargo plane but didn't get a full view so can't be sure. Can you please come back to me with an explanation as to why this aircraft was flying so low?	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 232 feet. The Aircraft was operated within normal parameters.

Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Hale, Halton	14 th August	22:16	I am emailing to complain about the plane flying exceptionally low around 8pm this evening. The house literally shook, and I could feel the vibrations through my body. I still have tinnitus now. It is not acceptable for planes of this size to fly over our houses, never mind the pollution and how low the plane was.	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 294 feet. The Aircraft was operated within normal parameters.
Hale, Halton	14 th August	22:30	I reside in Hale village and the noise from the large cargo plane, never mind the low height was awful. The noise was that loud it woke my sleeping children at 8pm on 13/08/19. This is not an acceptable amount of noise or level for the aircraft to fly at.	RAF	Undertaking an operational diversion training procedure	Email sent which explained that the aircraft that passed over Hale was an RAF C-17 Globemaster which was undertaking an operational diversion training procedure. As the aircraft passed over Hale it was at a height of 298 feet. The Aircraft was operated within normal parameters.
Birkenhead, Wirral	23 rd August	06:28	Increased aircraft noise flights taking off over on full power this has increased so much that I am now woken every morning around 7 am. And it seems the flight route has changed. I'm in the process with residents of getting details of their complaints and then passing on to my local /and London based MP. As this noise level has increased dramatically and noise levels are not acceptable			Email sent with an explanation answering all the questions. Also to help illustrate the movement of aircraft in relation to the geography of the region, the Airport included two maps to show the aircraft tracks for two typical days and also included a table to shows the similarities in the average sound levels monitored at the noise monitor terminal situated at Eastham from a full year period in 2017 and 2019.
West Derby, Liverpool	23 rd August	16:27	Getting fed up with this aircraft noise this summer never had so many planes flying over and some being quiet low flying	Ryanair	Arrived on runway 27	Email sent which explained that the aircraft that passed over West Derby was a Ryanair Boeing 737 - 800 which arrived on runway 27 from Knock. As the aircraft passed over West Derby it was at a height of 3084 feet.

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Mickle Trafford, Cheshire West and Chester	23 rd August	08:04	Very noisy in the night and sounded low. Are these aircraft following the correct flight traffic pattern? Some come directly over the property. This did not sound as if we were in a noise-reducing flight pattern. Do you implement a noise abatement procedure?			Email sent a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights is The Night Time Aircraft Quota Count Scheme (QCS) based upon the restrictions and that at Liverpool John Lennon Airport the two main types of aircraft used are the Airbus A319 (predominantly used by easyJet) which has an arrival QC of 0.25 and a departure QC of 0.5 and Boeing 737-800 (which are used by Ryanair) which have an arrival QC of 0.5 and a departure QC of 1. Also Arriving aircraft, other than light aircraft flying under VFR or Special VFR, shall maintain a height of at least 2000 FT
Sefton Park, Liverpool City	26 th August	06:58	I was just curious as to what the limitations are for aircraft taking off between 23:00 and 07:00am? One of your aircraft woke me up this morning at 06:45 above Sefton Park, so it has left me wondering if it woke me up as far as Sefton Park, then how loud must it be above neighboring properties to the airport? I have noticed recently how much louder - and more frequent - aircraft has become taking off and flying over Sefton Park. Is there a specific reason for this? I understand there have been additional routes procured from EasyJet to various European cities, so I would like to know how you anticipate mitigating the noise impact to residents, as far as Sefton Park, and wildlife please.			Sent a detailed explanation answering all the questions forwarded to the Airport in-depth on the Airport company policy regarding night flights is The Night Time Aircraft Quota Count Scheme (QCS) based upon the restrictions and that at Liverpool John Lennon Airport the two main types of aircraft used are the Airbus A319 (predominantly used by easyJet) which has an arrival QC of 0.25 and a departure QC of 0.5 and Boeing 737-800 (which are used by Ryanair) which have an arrival QC of 0.5 and a departure QC of 1. and spoke about the day to day running of the airport.

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Runcorn, Halton	30 th August	22:47	Hello, just trying to ascertain if the continuous noise level of aircraft over my house, particularly during the summer months puts me in the position to claim for the impact it has on my household. The fact that I must pause the television every time an aircraft passes over my house because I cannot hear it, surely raises the question that I should be compensated for infringement and that the noise levels need to be reviewed. I look forward to your response and hopefully some compensation or a valid explanation of a way forward.			Email sent with an explanation that Liverpool John Lennon Airport has been a 24 hour a day, 7 day a week operational airport on the current runway since 1966.
Widnes, Halton	2 nd September	21:23	No Message attached.	easyJet	Arrived on runway 27	Email sent which explained that the aircraft that passed over Widnes was an easyJet A321 Neo which arrived on runway 27. As the aircraft passed over Widnes it was at a height of 2184 feet with an L _{Amax} Of 80.5dB at the Hale NMT. The Aircraft was operated within normal parameters.
Ellesmere Port, Cheshire West and Chester	19 th September	09:21	This summer I've noticed that airport noise had been considerably worse over my home and was wondering if you had changed the flight path slightly. Could you advise if Liverpool Airport offers grants or other financial assistance when purchasing noise mitigating measures such as new windows?			Letter sent with an explanation that Ellesmere Port lies under the 'NANTI' Standard Instrument Departure Route (SID) used for Southern departures to UK and European destinations when runway 27 is in operation. Aircraft passing over Ellesmere Port will be climbing out to cruising altitude and will typically be above 3500 feet. The height the aircraft will pass Ellesmere Port will vary depending on factors such as the size and weight of the aircraft as well as metrological conditions. Aircraft may also be restricted to a certain height during the climb due to other aircraft activity within the vicinity. Letter also contained an

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
						explanation of the SIGS scheme. The property was not eligible for a SIGS grant.
Frodsham, Cheshire West and Chester	19 th September	16:07	Very low flying noisy aircraft	easyJet	Arrived on runway 27	Email sent which explained that the aircraft that passed over Frodsham was an easyJet A320 Neo which arrived on runway 27 from Zakynthos. As the aircraft passed over Frodsham it was at a height of 1865 feet. The Aircraft was operated within normal parameters.
Sandymoor, Halton	25 th September	16:15	We live in the Halton Borough village of Sandymoor. We moved here two years ago into a new build and spent time checking the area out before buying the property, one of the criteria being how quiet it was. We have noticed a great increase in the frequency of aircraft flying over our village, some quite low and therefore increased and disturbing noise. Firstly, can you tell me if there has been a change in flight paths covering our area? It seems to be coincidental with the new Runcorn bridge being opened.			Email sent which explained that there has also been no change in procedures or processes in the airports operations that would result in lower or louder aircraft in the vicinity of Sandymoor and that arriving aircraft which may pass over Sandymoor will mainly be those which are arriving on runway 27.
Widnes, Halton	25 th September	22:24	No Message attached.	easyJet	Arrived on runway 27	Email sent which explained that the aircraft that passed over Widnes was an easyJet A320 which arrived on runway 27 from Belfast. As the aircraft passed over Widnes it was at a height of 1537 feet with an L _{Amax} of 83.2dB at the Hale NMT. The Aircraft was operated within normal parameters.

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Complainant Area/Address	Date of Incident(s)	Time of Incident(s)	Nature of Complaint	Aircraft Operator	Comment	Action Taken
Widnes, Halton	25 th September	22:32	No Message attached.	Wizz Air	Departed on runway 27	Email sent which explained that the aircraft that passed over Widnes was a Wizz Air A320 which departed on runway 27 from Gdańsk. As the aircraft passed over Widnes it was at a height of 1613 feet with an L _{Amax} of 83.5dB at the Hale NMT. The Aircraft was operated within normal parameters.
Widnes, Halton	26 th September	23:04	No Message attached.	easyJet	Arrived on runway 27	Email sent which explained that the aircraft that passed over Widnes was an easyJet A319 which arrived on runway 27 from Belfast. As the aircraft passed over Widnes it was at a height of 2019 feet with an L _{Amax} of 84.3dB at the Hale NMT. The Aircraft was operated within normal parameters.
Liverpool	30 th September	14:30	Telephoned concerned about the emissions generated from the Antonov AN12.			Telephone explaining that the flight was servicing the local automotive industry and that we need to balance this service and that this was an ad-hoc service that isn't part of the airport usual Schedule.

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Number of complaints from regular Warrington complainant

	1 st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th	9 th	10 th	11 th	12 th	13 th	14 th	15 th	16 th	17 th	18 th	19 th	20 th	21 st	22 nd	23 rd	24 th	25 th	26 th	27 th	28 th	29 th	30 th	31 st
July	198	121	302	140	149	221	145	28	465	38	338	503	451	148	22	25	18	10	24	12	18	9	10	15	0	29	10	2	14	133	28
August	113	41	6	1	5	16	5	32	17	123	73	242	102	57	126	24	63	50	146	235	51	235	156	119	82	345	0	157	514	1181	114
September	409	256	11	0	14	78	138	182	30	12	28	101	129	53	67	69	47	49	314	38	8	10	12	0	4	2	145	114	24	0	

July	3656
August	4431
September	2344
Total	10431

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Noise Monitoring Sub Committee

25th October 2019



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With over 70 destinations to fly to, where will you go next?

#WhereNext liverpoolairport.com/wherenext

Liverpool John Lennon Airport 
Faster. Easier. Friendlier.



Noise Log

July to September 2019

Rolling 15 months movements July 2018 to September 2019

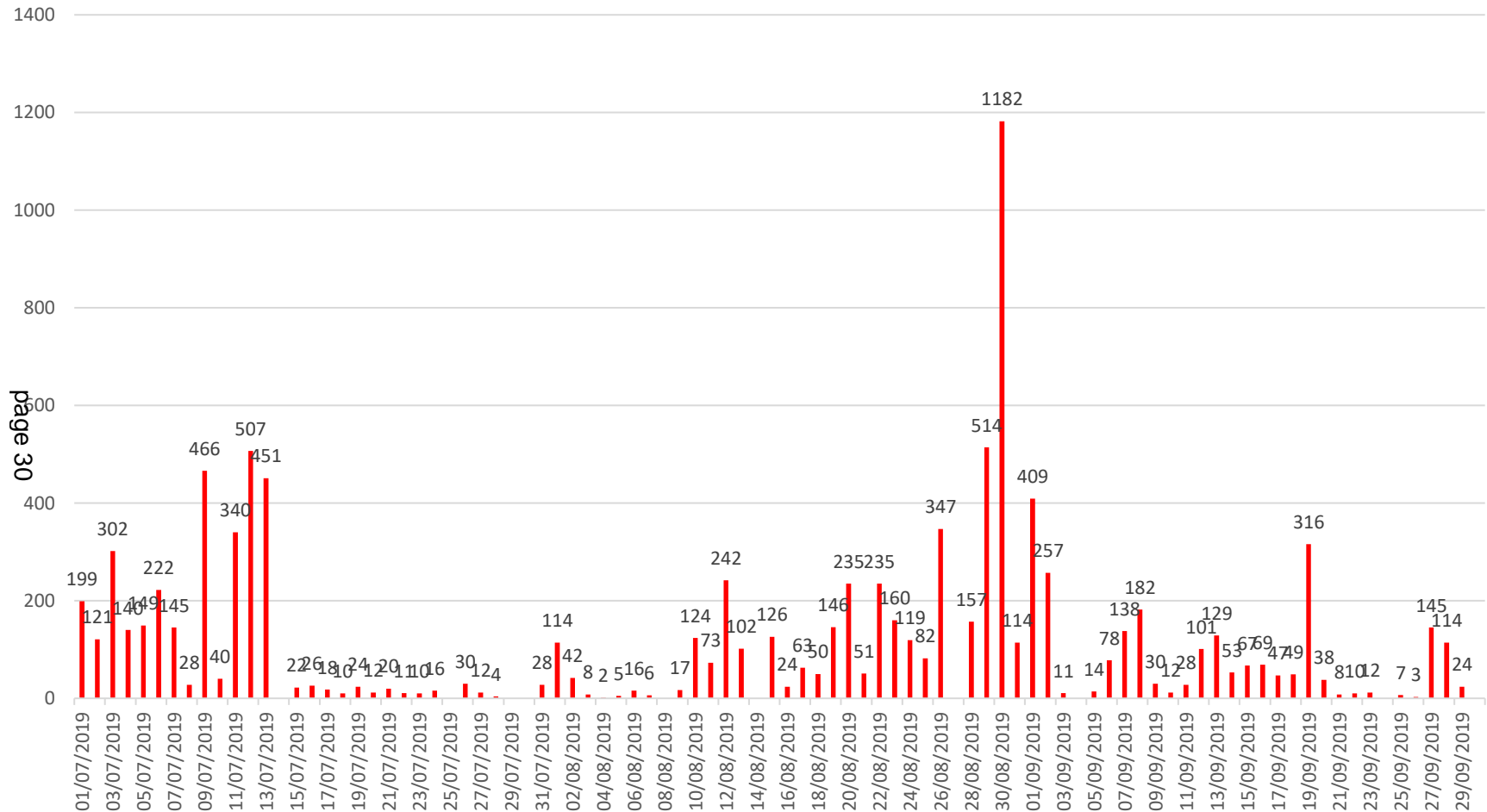
		Club	Commercial	Non Commercial	Other
2018	July	2,362	3,322	175	100
	August	2,180	3,465	188	123
	September	2,369	3,349	126	59
	October	2,354	3,292	112	70
	November	1,744	2,560	131	80
	December	1,480	2,720	191	42
2019	January	1,484	2,579	177	71
	February	2,453	2,579	184	66
	March	2,221	2,819	108	59
	April	2,481	3,023	170	71
	May	2,746	3,285	197	114
	June	2,093	3,272	197	95
	July	2,294	3,386	147	102
	August	2,280	3,346	209	121
	September	2,079	3,173	195	102

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With over 70 destinations to fly to, where will you go next?

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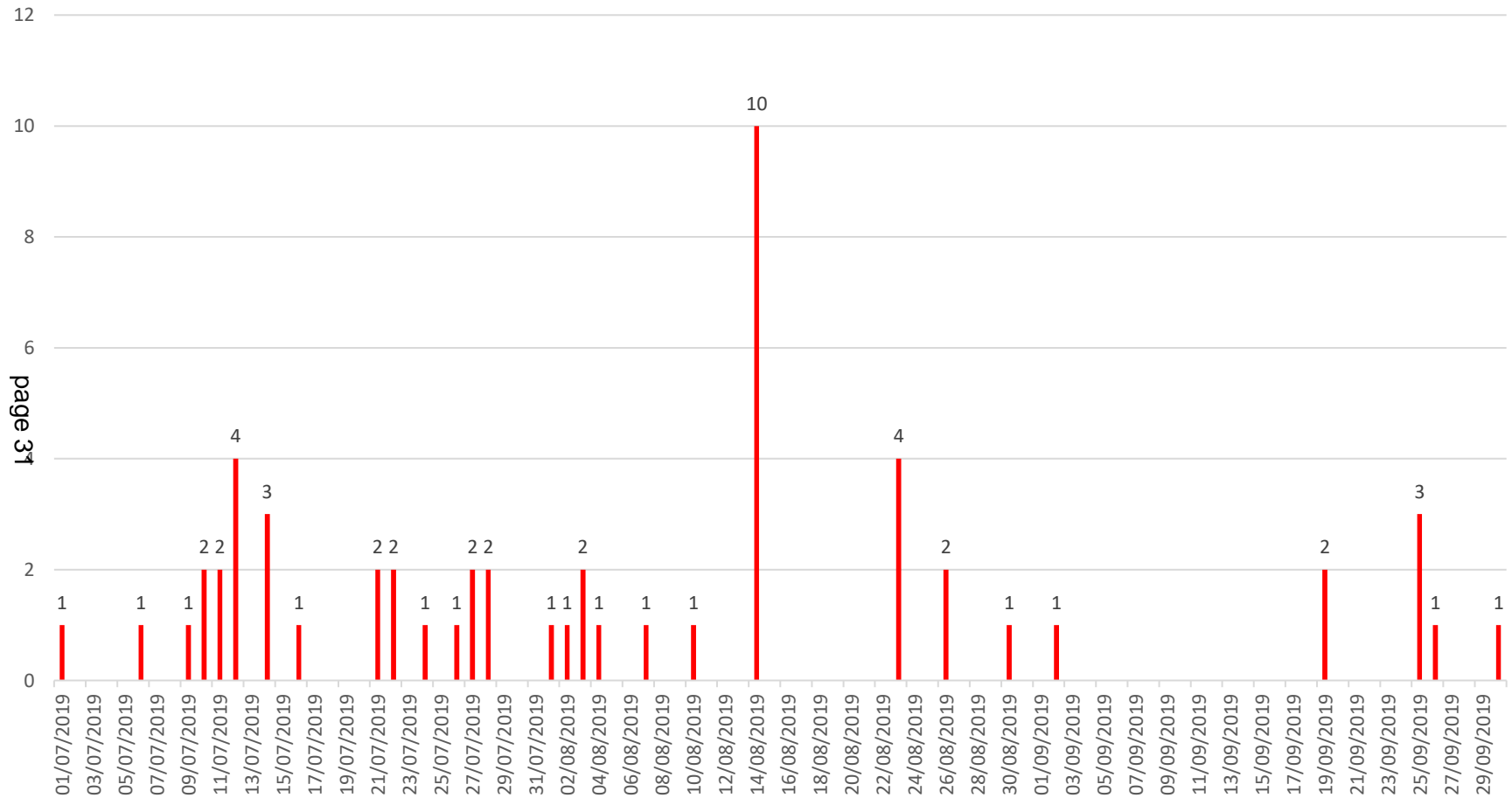
Noise complaints by day 1st July to 30th September 2019



With over 70 destinations to fly to, where will you go next?

#WhereNext liverpoolairport.com/wherenext

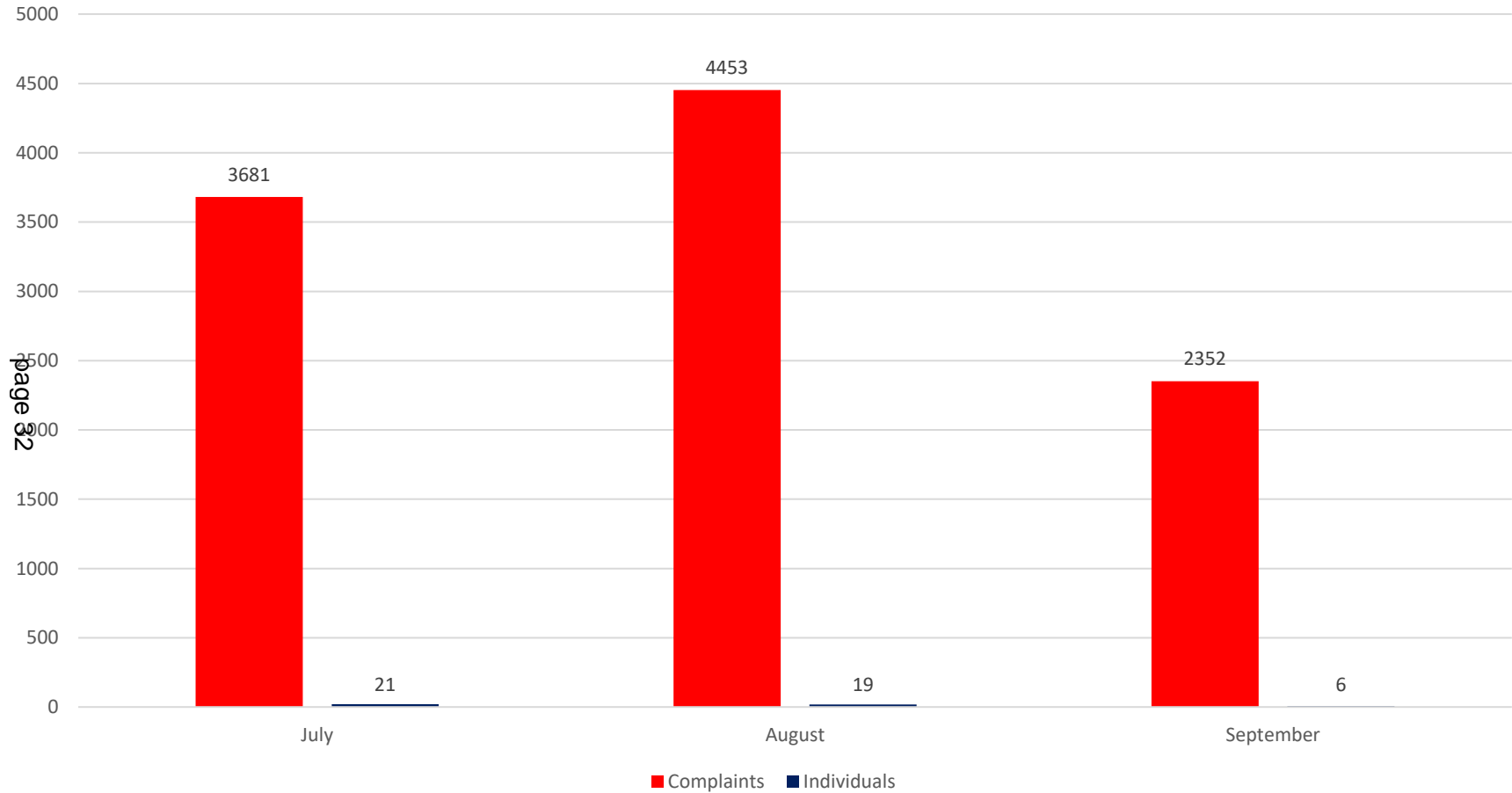
Noise complaints by day 1st July to 30th September 2019 without regular individual



With over 70 destinations to fly to, where will you go next?

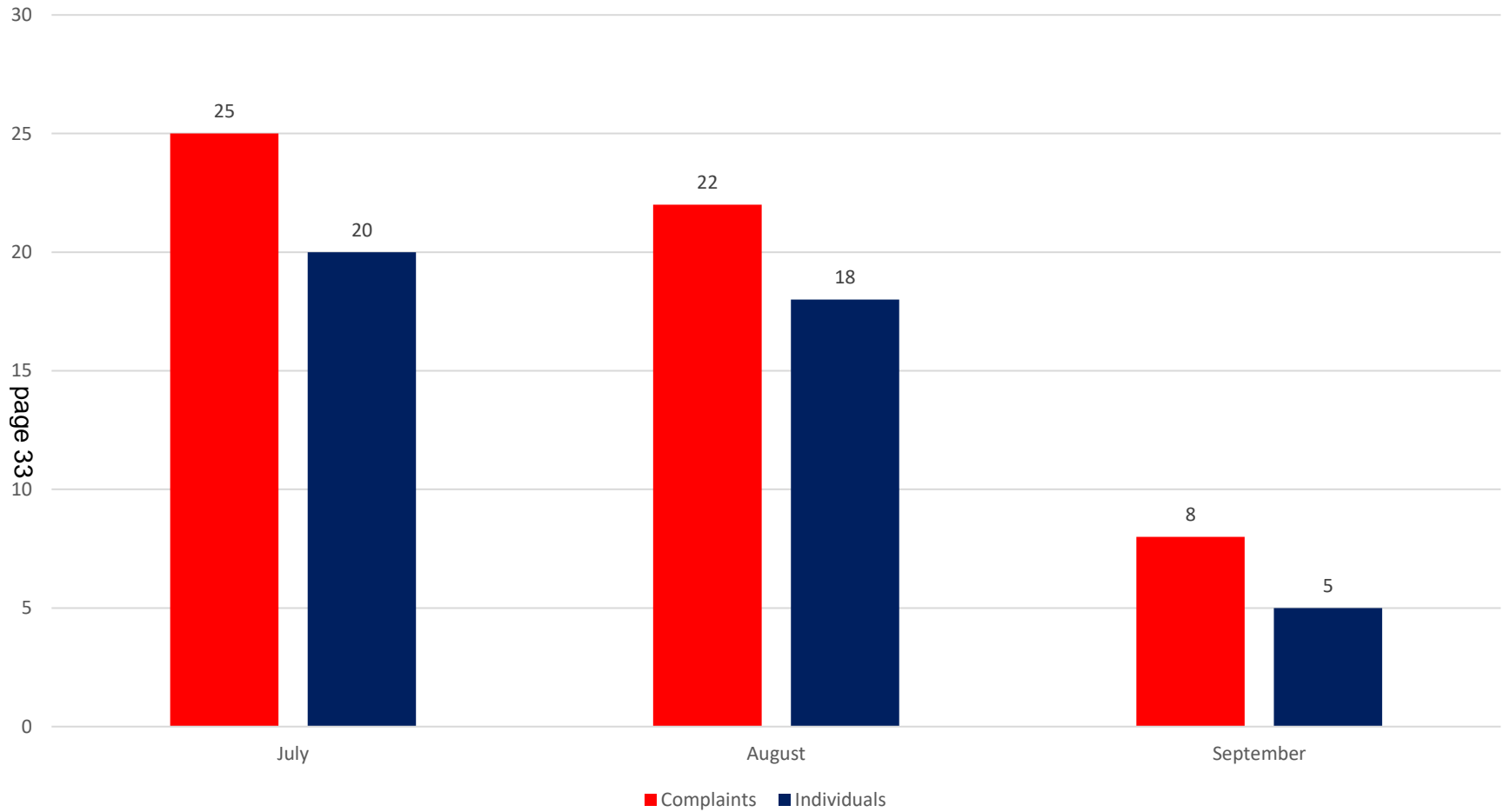
#WhereNext liverpoolairport.com/wherenext

Complaints and Individuals from July to September 2019



With over 70 destinations to fly to, where will you go next?
#WhereNext liverpoolairport.com/wherenext

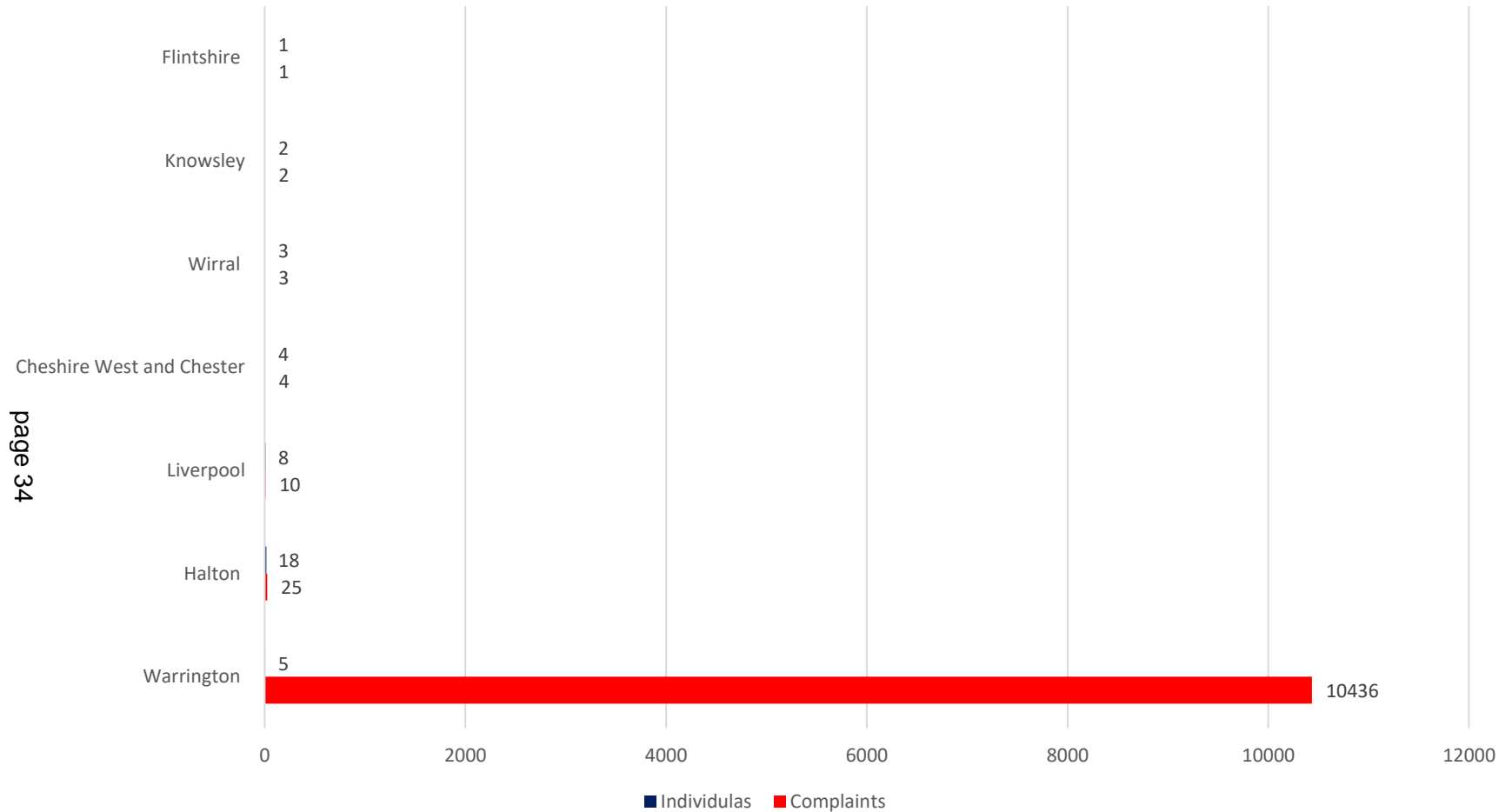
Complaints and Individuals from July to September 2019 without regular individual



With over 70 destinations to fly to, where will you go next?

#WhereNext liverpoolairport.com/wherenext

Number of complaints and individuals from each administrative area from July to September 2019

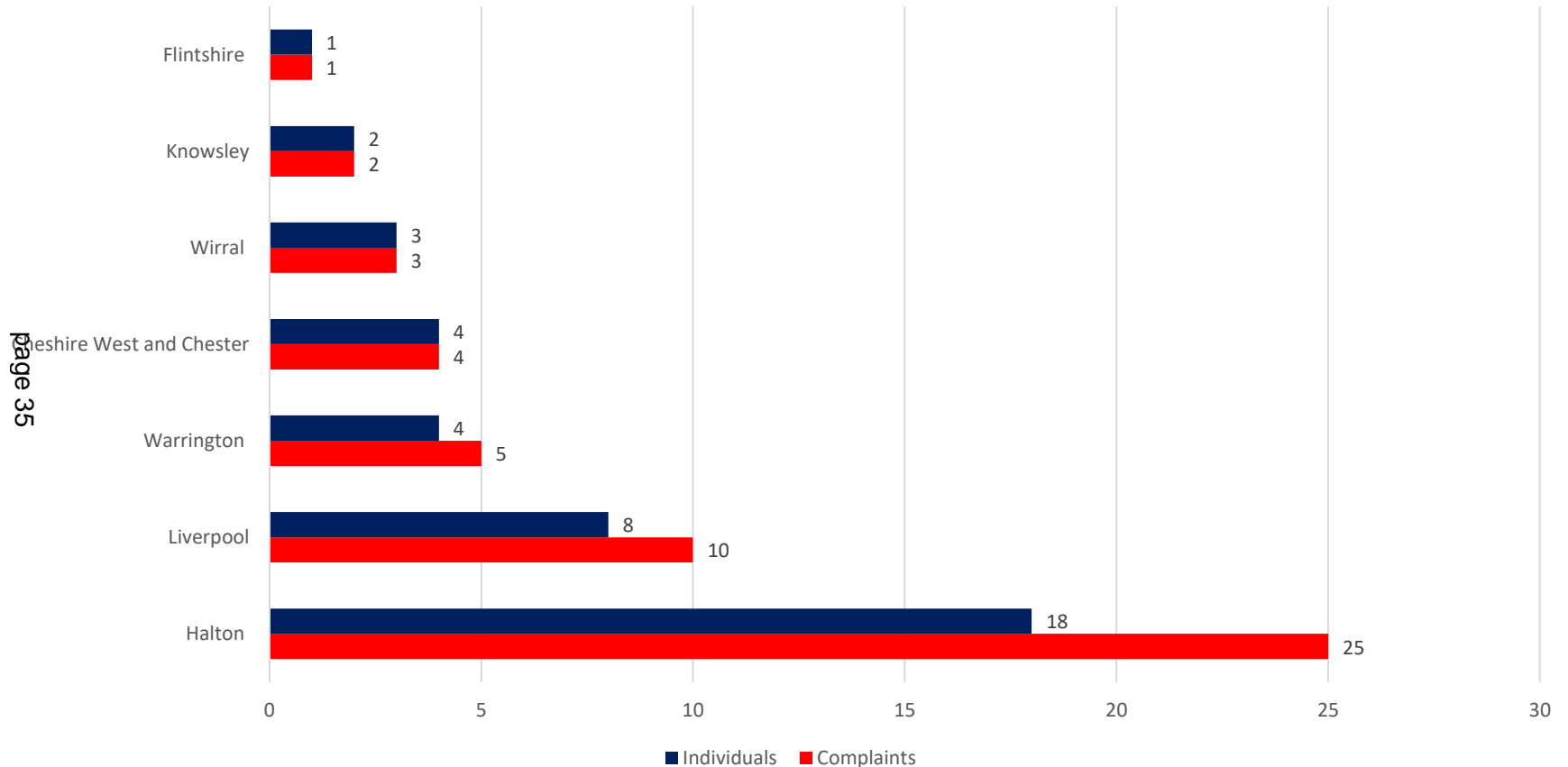


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With over 70 destinations to fly to, where will you go next?

#WhereNext liverpoolairport.com/wherenext

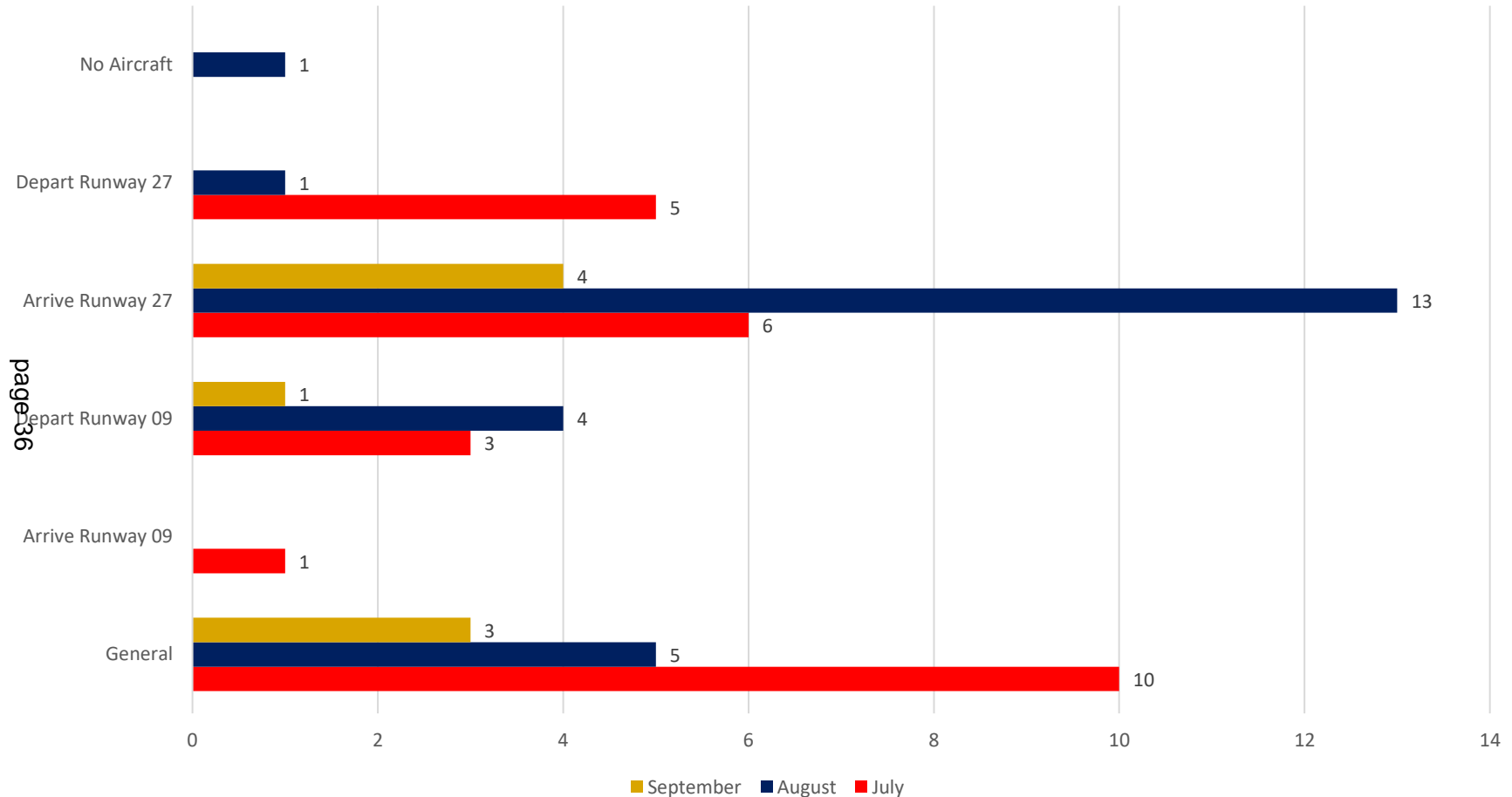
Number of complaints and individuals from each administrative area from July to September 2019 without regular individual



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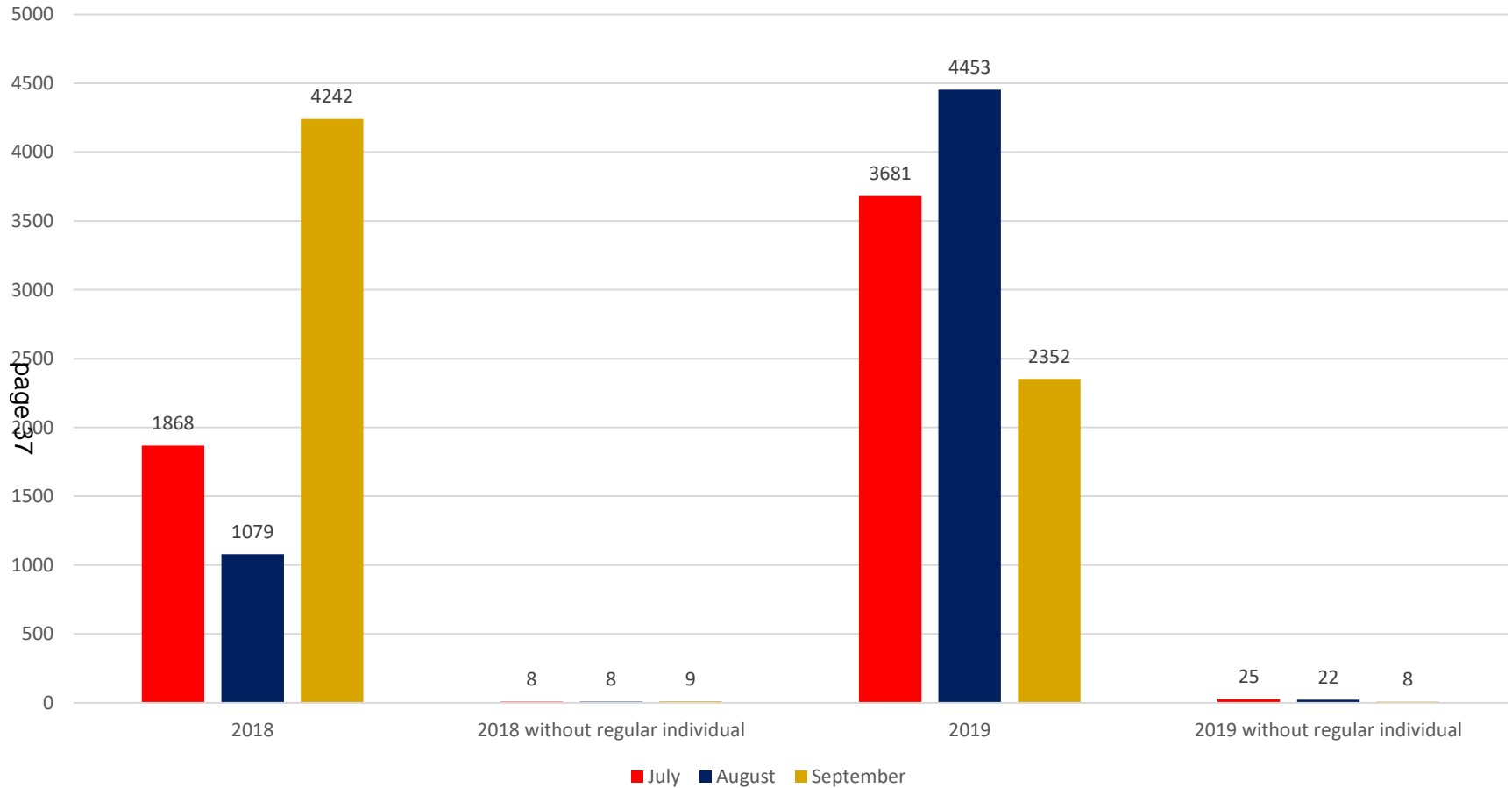
With over 70 destinations to fly to, where will you go next?
#WhereNext liverpoolairport.com/wherenext

Operations that caused noise complaints from July to September 2019 without regular individual



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#WhereNext liverpoolairport.com/wherenext

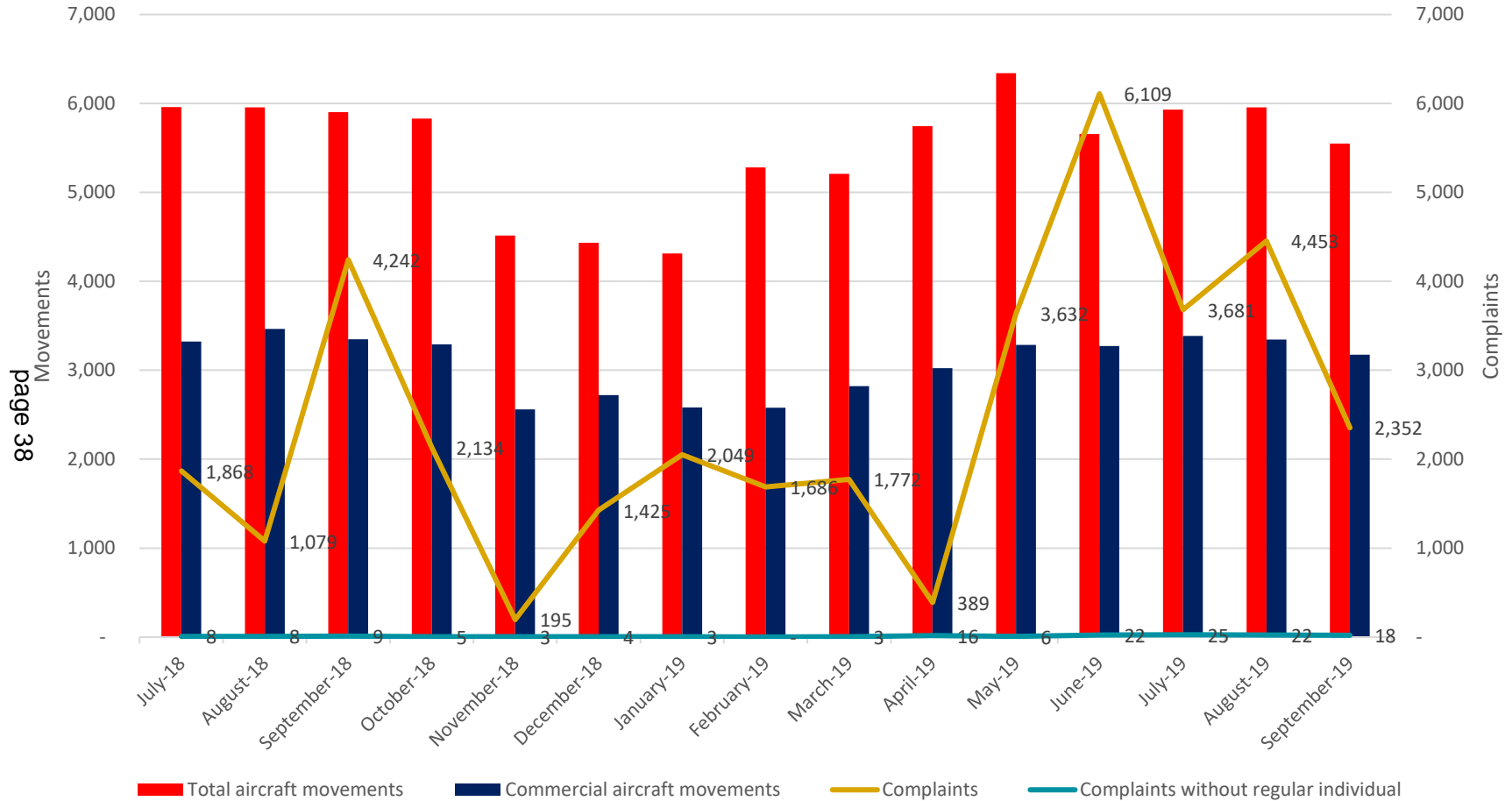
Complaints comparison for July to September 2018 & 2019



With over 70 destinations to fly to, where will you go next?

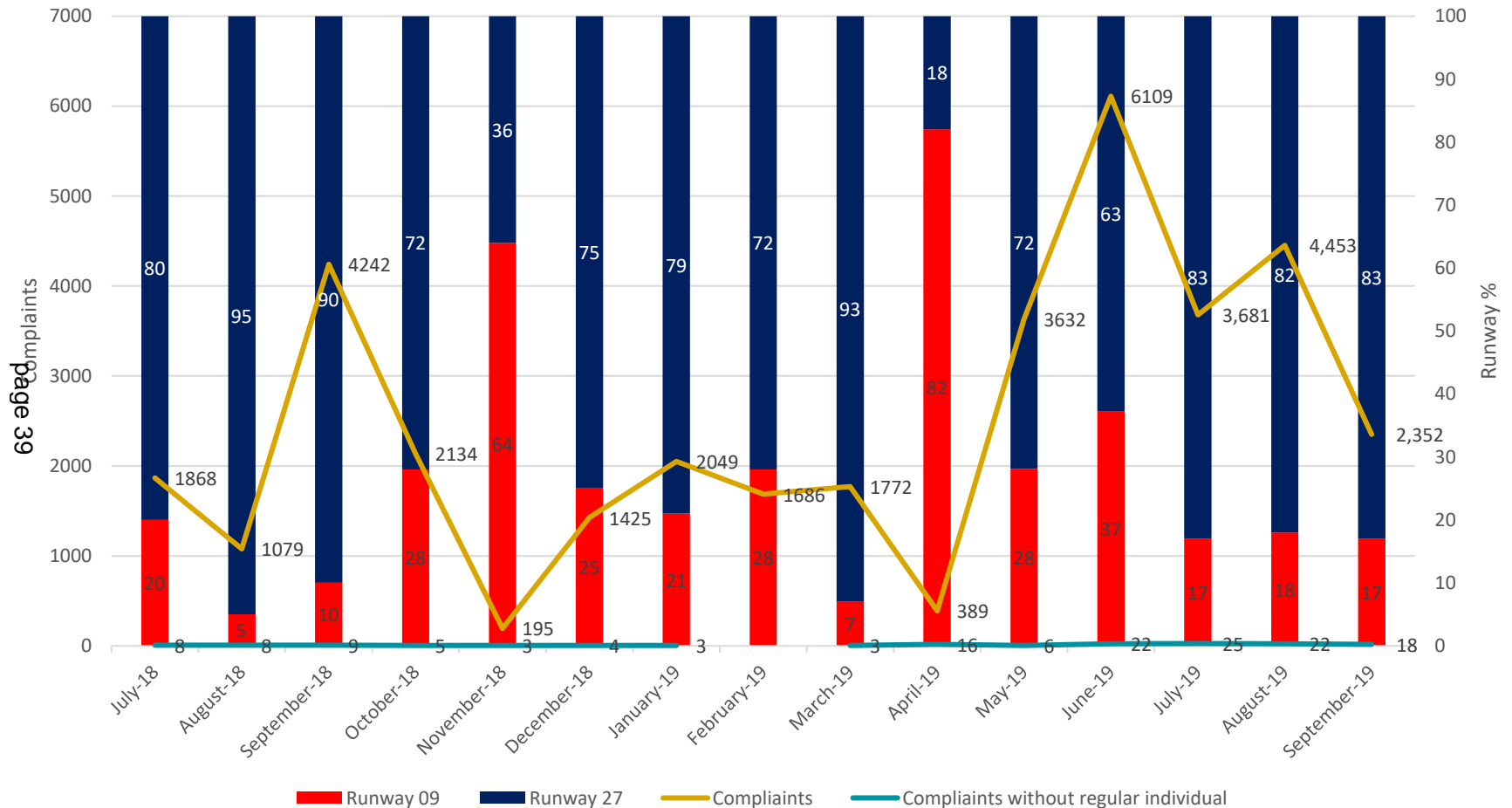
#WhereNext liverpoolairport.com/wherenext

Rolling 15 month aircraft movements and number of noise complaints July 2018 to September 2019



With over 70 destinations to fly to, where will you go next?
#WhereNext liverpoolairport.com/wherenext

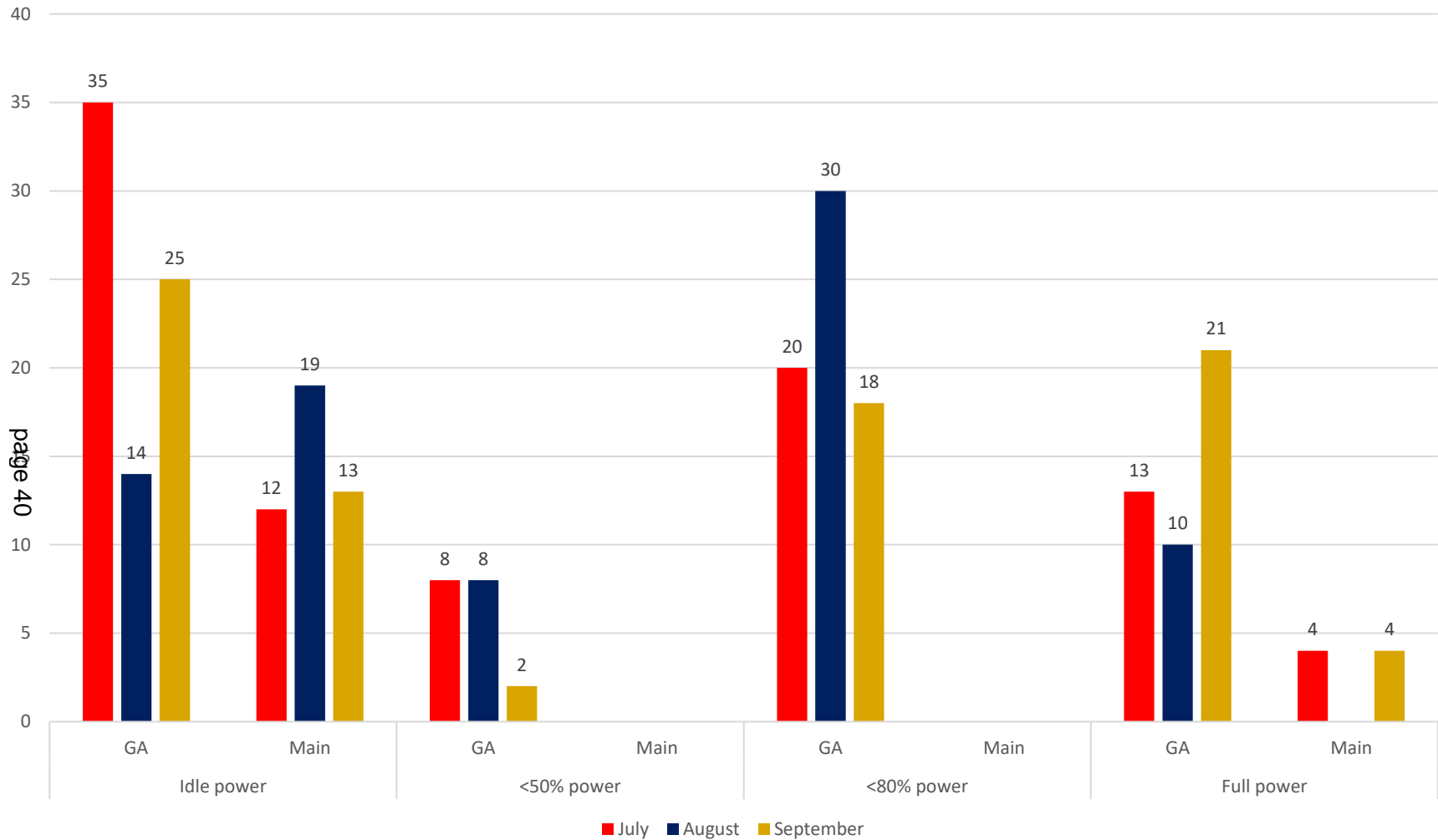
Rolling 15 month runway use and noise complaints July 2018 to September 2019



With over 70 destinations to fly to, where will you go next?

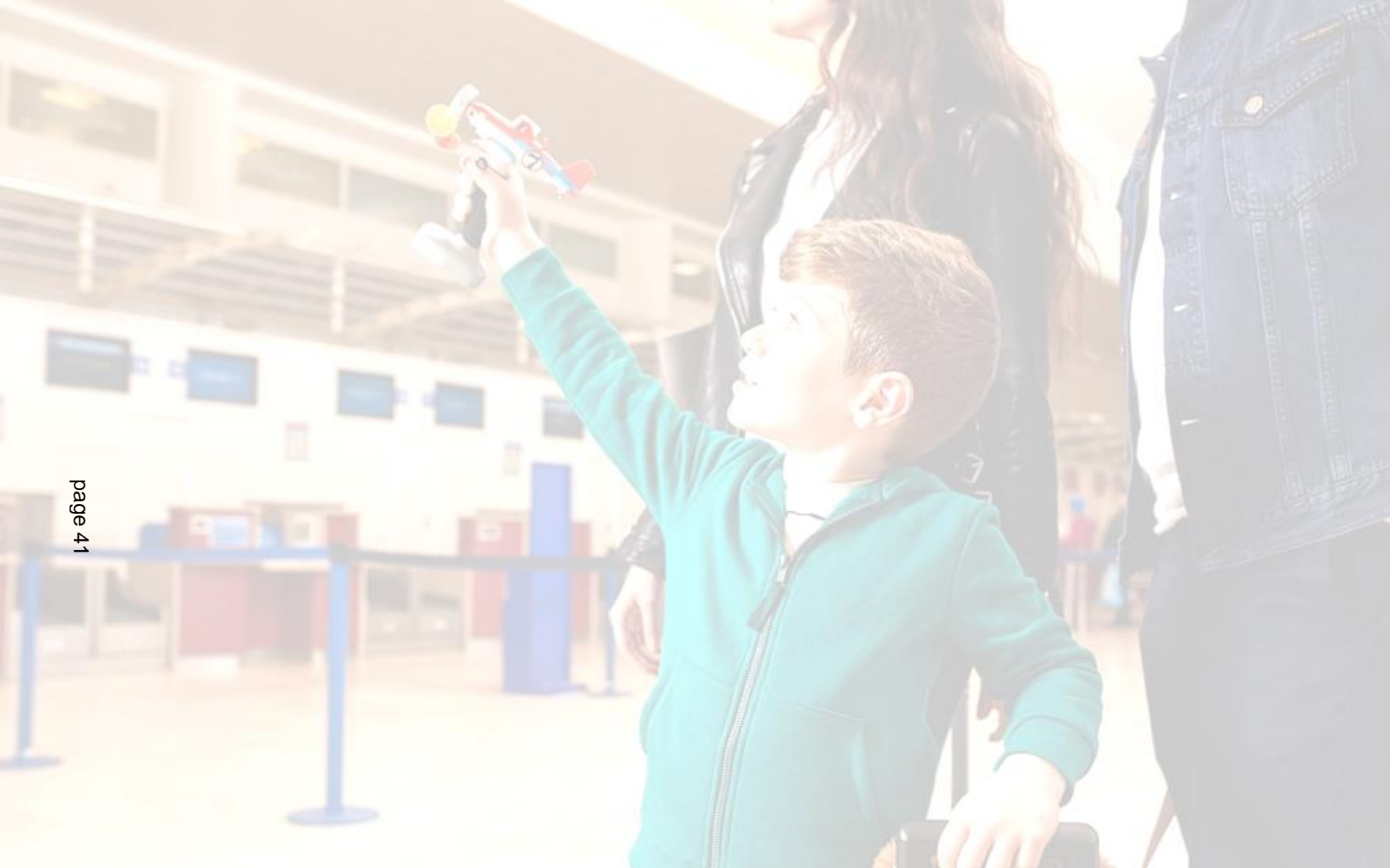
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Engine Test Runs July to September 2019



With over 70 destinations to fly to, where will you go next?

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