



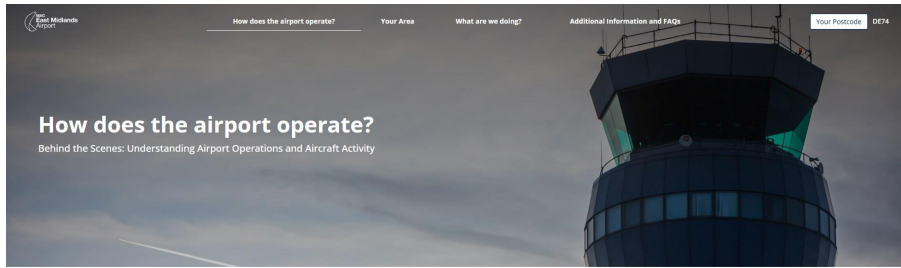
Insightfull at East Midlands Airport

What's New

We are excited to share the latest updates to our Community Noise Portal at East Midlands Airport. This community noise information portal is designed to make it easier for you to explore flight data and operations, at a postcode level, in a more accessible and visual way. Some of the updates that have been incorporated were introduced following feedback from the Airport Consultative Committee. The Flight Evaluation Unit has also been working with our systems partner Envirosuite, to improve the flow and style of the website.

Welcome to Insightfull

Our Community Noise Portal provides information on how the airport operates, how we manage noise, and about the flights that have operated near your location. The portal offers multiple ways to find out about our operations, including informational videos, general information, visualisations of a typical day at the airport, and dashboards containing data relevant to your location.



How to use our site

Welcome to our new site!
Explore how to get the most out of the site here.

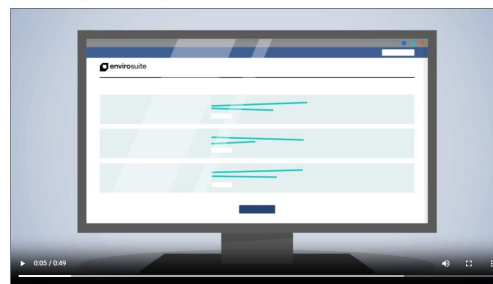
[Learn More](#)



To view the dashboard as a full screen, there is a button in the top right corner of the dashboard called "View Fullscreen". Pressing "ESC" on your keyboard will exit the full screen display.

Page Navigation

You can navigate through each page in order via the next button at the bottom of the page. You can also return to the main menu via the 'back to menu' button which will take you back to the home page.



Next >

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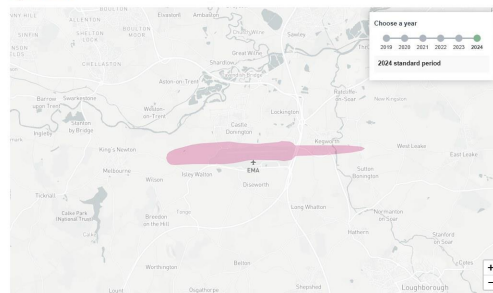
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The aviation industry has seen progressive improvements in aircraft design and operational procedures. The benefits of these improvements can be seen in our annual noise contours.

The following maps show how our summer noise contours (5700 LAeq day and night) have varied over time. An LAeq Contour is a measure of average noise at a stated level (in this case 5700) over a given time period which is the summer 92 days between 14th June and 15th September. The 'day' refers to the 16 hour time period between 07:00 and 23:00. The 'night' refers to the 8 hour time period between 07:00 and 23:00. Over this period, the number of aircraft movements have also changed. In particular, due to the Covid-19 Pandemic, daytime operations largely ceased. This accounts for the reduction in contour size in 2020 and 2021.

Day noise contours



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How to Use Insightfull

When you access the site for the first time, you will be prompted to share your location using an address, pin, or default setting . Once this is entered, the dashboards in the portal will refresh to show information relevant your location.

A new feature incorporated, is when you hover over the data the dashboards reveal extra details, giving you even more insight. There are also new filter options that allow for a more

personalised experience, allowing you to filter by runway, reporting month and operation type.

The dashboards have also received a new look with colours that are easier to understand to allow for differentiation of data to improve the visual experience. The [‘Detailed dashboard for your area’](#) has also undergone significant change; it now displays additional detailed information, including flights by day of the month, hour of the day, altitude, or airport, as well aircraft category proportions.



The portal features pages that explain Arrivals and Departures, the reasons for runway direction changes, and how aircraft noise is generated, complete with informational videos. This section allows communities to contact the airport with questions or concerns, and it offers a helpful Frequently Asked Questions section to assist people in understanding the airport operation, and any of the more unusual operations that may occur from time to time.

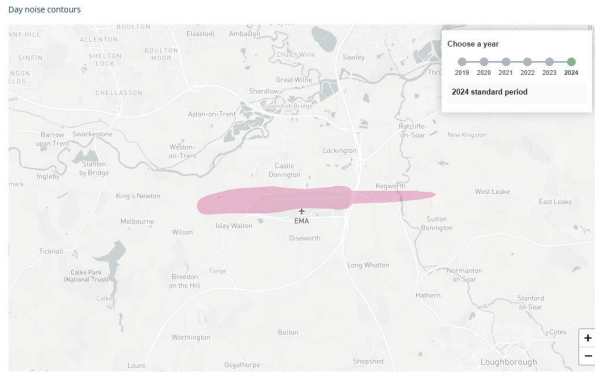
- [Arrivals and Departures](#)
- [How Aircraft Noise is Generated](#)
- [Additional Information and FAQs](#)

The Community Noise Portal provides communities with a clear understanding of the efforts East Midlands Airport is making to manage noise and the various measures we have in place to minimise our impacts. The portal features pages that explain the ICAO balanced approach to noise reduction, along with a noise data dashboard displaying information from both our fixed and temporary monitors.

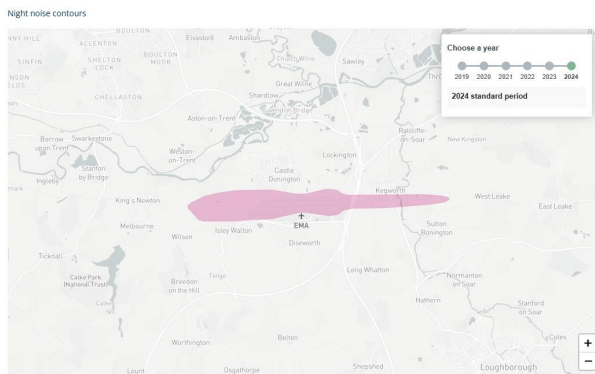
Additionally, you can find more details about our noise contours, which illustrate the Day and Night noise contours and offer the option to look back at data from different years and see how they have changed over time. There is also an informational video on the Noise Contours page that explains what the contours are.

By providing easier access to flight and noise data, we hope to provide residents with the information they need to stay informed about airport activities.

Looking forward, we are excited to introduce more interactive features and educational resources to help communities stay connected and feel confident in our responsible noise management.



1 - The 'day noise contours' page.



2 - The 'night noise contours' page.

Where to find Insightfull

You can access our new portal at

<https://communitynoiseportal.eastmidlandsairport.com/> or by scanning the QR code below.

