

Airspace information: transparency about airspace use and aircraft movements

Heathrow Airport

Currently undertaking this activity

Partially undertaking this activity

Not currently undertaking/not applicable to airport

Information provision/data type	Fulfil CAA/Air Navigation Guidance 2017 (For CAA use only)	Additional comments	Link to webpages that contain this information
Runway utilisation and operations		<p>Statistics on runway utilisation are published in annual Flight Performance Reports. Monthly and daily statistics are also published on the Heathrow Noise website. The runway alternation policy is explained using diagrams, maps and video clips. To help communities plan ahead, the airport publishes an annual schedule of runway use.</p> <p>Delay in reporting some statistics due to COVID-19; the schedule of runway use is regularly reviewed in line with potential changes to single runway operations.</p>	<p>https://www.heathrow.com/company/local-community/noise/operations/runway-alternation</p> <p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports/operational-data</p> <p>https://www.youtube.com/user/LHRHeathrow/videos</p>
Standard Instrument Departure (SID) utilisation		<p>Statistics on SID utilisation are published in Flight Performance Reports and monthly on the Heathrow Noise website. Details on departure flight paths are explained using diagrams, maps and video clips.</p>	<p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports/operational-data</p> <p>https://www.youtube.com/user/LHRHeathrow/videos</p>
Arrivals data		<p>Arrivals data is published in Flight Performance Reports. Monthly and daily statistics are also published on the Heathrow Noise website. Details on arrival flight paths are explained using diagrams, maps and video clips.</p>	<p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports/operational-data</p> <p>https://www.youtube.com/user/LHRHeathrow/videos</p>

Continuous Descent Approach (CDA) & Continuous Climb Operations (CCO)		<p>The airport publishes statistics on CDA compliance and the minimum 4% climb gradient requirement in their Flight Performance Reports. Daily CDA compliance is also published on the Heathrow noise website.</p>	<p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics</p> <p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports/operational-data</p>
Flight tracking & tools		<p>Heathrow's publicly available tools allows stakeholders to investigate and review real-time and historical airport noise, flights and weather.</p> <p>XPlane allows a user to analyse historical flights over their area by carrying out their own analysis, to obtain data such as height, position and types of aircraft.</p> <p>Webtrak allows a user to track specific flights on specific days in relation to where they live.</p> <p>Webtrak 'My Neighbourhood' system gives a user a general overview of where planes fly, giving a better understanding of Heathrow's operations over time.</p>	<p>https://www.heathrow.com/company/local-community/noise/what-you-can-do/track-flights-on-maps</p>
Aircraft Traffic Movements		<p>ATM statistics dating back to the year 2000 are available on the Heathrow website.</p>	<p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics</p>
Night quota count		<p>Information on night flights, how the restrictions work and Heathrow's Quota Count policy are available online. Quota usage is published in Flight Performance Reports.</p>	<p>https://www.heathrow.com/company/local-community/noise/operations</p> <p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics</p>
Slot allocation, transfers & sales		<p>ACL is the appointed Coordinator for Heathrow under EC Regulation 95/93. ACL coordinates the airport in a neutral, non-discriminatory and transparent way and is the sole body responsible for the allocation of slots at the airport. A slot allocated by the Coordinator is a permission to use all the airport infrastructure (i.e. runway, aircraft parking stands and terminals).</p>	<p>https://www.acl-uk.org/</p>

Air Traffic Control Practices		Departure and arrival ATC practices and procedures are explained online in layperson terms using diagrams, maps and videos clips.	https://www.heathrow.com/company/local-community/noise/operations https://www.youtube.com/user/LHRHeathrow/videos
Weather-related conditions		The airport explains how weather, particularly wind direction, affects their operations. Weather (rainfall) can also be overlaid onto Webtrak to show effects on flight paths.	https://www.heathrow.com/company/local-community/noise/operations https://webtrak.emsbk.com/lhr
Aircraft types used by airlines		The airport publishes statistics on 'Movements by Aircraft Types' in their Flight Performance Reports.	https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics
Airline operators		An airline directory is available online.	https://www.heathrow.com/airline-contact-info
Airline route networks/destinations (including changes)		The airport publishes a list of the destinations it serves on the website.	https://www.heathrow.com/route-map
Airline Standard Operational Procedures		Full details of CDA and CCO procedures and compliance statistics are published within the airport's NAP and Flight Performance Reports. Noise Abatement Departure Procedures (NADP) for specific airlines are not published. Information on operational procedures may also be found within the LHR entry of the UK AIP.	https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics https://www.heathrow.com/company/local-community/noise/making-heathrow-quieter/noise-action-plan http://www.nats-uk.ead-it.com/public/index.php%3Foption=com_content&task=blogcategory&id=165&Itemid=3.html
Historic comparisons of route networks flown		Each year Heathrow produces annual maps providing information on the number of arrivals and departures by easterly and westerly operations.	https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports
League tables of airline operational performance		The Fly Quiet and Green programme aims to reduce aircraft noise, encourages airlines to use quieter aircraft and to fly them in the quietest possible way. Published quarterly, this league table shows a red/amber/green rating for seven noise and emissions criteria, for the top 50 airlines according to movement numbers.	www.heathrowflyquietandgreen.com

		<p>For those airlines that fall outside of the top 50, Heathrow engages with them via the “Minimum Performance Standard” scheme which examines similar metrics. This is for internal use only.</p> <p>These schemes are currently on hold due to COVID-19 resulting in low traffic levels.</p>	
Data on operations outside of normal operating hours		<p>Heathrow has some of the strictest restrictions of any hub airport in Europe in terms of movements permitted between 11:30pm and 6:00am. Heathrow is restricted to 5,800 take-offs and landings a year during these times. Information on night flights, how the restrictions work and the Quota Count Policy are available online. Quota usage is published in Flight Performance Reports.</p>	<p>https://www.heathrow.com/company/local-community/noise/operations</p>
Airport Consultative Committee (ACC)		<p>In 2017 it was agreed that the Heathrow Airport Consultative Committee (HACC), an existing forum for local authorities, airport users and interest groups, would take on the additional responsibilities of the engagement board. The HACC was relaunched formally as the Heathrow Community Engagement Board (HCEB) at the start of 2018. HCEB operates independently from the airport.</p>	<p>https://www.hceb.org.uk/aboutus</p>
Airport noise forums/boards		<p>The Heathrow Community Noise Forum (HCNF), established in 2015, is made up of representatives from local authorities around Heathrow and aviation stakeholders. Heathrow set up the forum in response to local concerns regarding future changes to airspace as a result of the Government’s airspace modernisation strategy. HCNF meeting notes and presentations are published online. Details on all forums/boards are published in the airport’s NAP.</p>	<p>https://www.heathrow.com/company/local-community/noise/heathrow-community-noise-forum</p>
Community noise reports		<p>The airport has developed a noise monitoring programme which aims to provide more detailed information for specific areas around the airport. Different locations are selected annually, and a series of reports are produced and published online. The latest reports are presented in a new format developed in conjunction with members of the HCNF. Community Information Reports use a range of metrics to help those without a technical knowledge.</p>	<p>https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports</p>

		<p>Due to COVID-19, dedicated reporting for specific areas is currently on hold.</p> <p>Annual Flight Performance Reports provide detailed information on performance including the number of noise infringements, night flights, and progress toward the objectives in their NAP commitments.</p>	
Community relations events		The airport regularly engages with residents through community bulletins, social media, dedicated webpages, resident meetings and the various different groups set up to provide local people with the opportunity to find out more about airport operations.	https://www.heathrow.com/company/local-community
Noise Action Plan (NAP)		Heathrow's NAP sets out how it plans to manage and reduce the impact of aircraft noise over a five-year period. Further information on the NAP 2019-2023, which required formal public consultation is available online.	https://www.heathrow.com/company/local-community/noise/making-heathrow-quieter/noise-action-plan
Noise & Track keeping performance (NTK)		Heathrow's Airspace, Noise and ATM Performance Team, using its ANOMS Noise and Track Keeping system, publishes various pieces of information on aircraft operations to the public. NTK statistics, including NPR compliance, are published in Heathrow's Flight Performance Reports online.	https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics
Noise Contour Mapping		Annual noise contours are produced and published online. [2019 statistics were delayed due to COVID-19 and will be uploaded shortly]	https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics
Noise complaints, data reports and handling		There are four ways in which residents can make a noise complaint (online form, by email, by phone or via WebTrak). Heathrow aim to respond to all complaints within five working days. Daily complaint numbers are reported on Heathrow's Noise website and quarterly to the Heathrow Community Engagement Board (HCEB). Noise Complaints Reports dating back to 2018 are published online.	https://www.heathrow.com/company/local-community/noise/what-you-can-do/make-a-complaint-about-noise https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics/reports/operational-data
Information on permanent and temporary Airspace Change including trials		Information relating to airspace change at Heathrow and the Airspace Change Process are available online. The airport also publishes reports online on airspace trials.	https://www.heathrow.com/company/local-community/noise/future-airspace https://www.heathrow.com/company/local-community/noise/noise-reports-and-statistics