

Your ref:

Our ref:
Fol/19/02661

Date:
10 January 2020

Dear [REDACTED]

Thank you for your request dated 12 December 2019 under the Environmental Information (Scotland) Regulations 2004 (EIRs).

Your request

You asked for:

A copy of the analysis carried out by the Scottish Government of the environmental impact of the proposed third runway at Heathrow.

Response to your request

I enclose a copy of all of the information you requested.

Your right to request a review

If you are unhappy with this response to your EIRs request, you may ask us to carry out an internal review of the response, by writing to Roy Brannen, Chief Executive of Transport Scotland, Buchanan House, 58 Port Dundas Road, Glasgow G4 0HF or at ceo@transport.gov.scot. Your review request should explain why you are dissatisfied with this response, and should be made within 40 working days from the date when you received this letter. We will complete the review and tell you the result, within 20 working days from the date when we receive your review request.

If you are not satisfied with the result of the review, you then have the right to appeal to the Scottish Information Commissioner. More detailed information on your appeal rights is available on the Commissioner's website at:

<http://www.itspublicknowledge.info/YourRights/Unhappywiththeresponse/AppealingtoCommissioner.aspx>.

Yours sincerely

MICHAEL BRATCHER
Aviation Policy

Emissions modelling for additional services from Scotland to Heathrow – July 2018

	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
extra weekly return flights															
TOTAL	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
extra annual return flights															
TOTAL	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044	5,044
total extra return trips	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000	605,000
emissions per domestic return trip	0.070	0.069	0.069	0.068	0.068	0.067	0.067	0.066	0.066	0.065	0.064	0.064	0.063	0.063	0.062
additional emissions (tonnes)	42,258	41,920	41,585	41,252	40,922	40,595	40,270	39,948	39,628	39,311	38,997	38,685	38,375	38,068	37,764

The emissions trend projected here is driven by improvements to aircraft emissions efficiency of 0.8% per year and refers to the number of passengers expected in our ask (a total of 605,000), so does not model demand growth over time. Rough modelling of projected baseline emissions suggests that the third runway expansion will result in a c. 2% increase for Scotland over current aviation emission levels.