



National Audit Office

# ANNUAL REPORT AND ACCOUNTS

## Environmental data

### 2020-21



AUGUST 2021

## 1 Greenhouse gas emissions

		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Non-financial indicators</b>	Total gross emissions for scopes 1 and 2	2,225	1,911	1,801	1,656	1,882	1,900	1,941	1,488	1,159	1,019	770
	Total net emissions for scopes 1	611	450	455	363	364	449	549	407	355	354	320
	Total net emissions for scopes 2	1,614	1,461	1,347	1,293	1,518	1,451	1,391	1,082	805	665	449
	Gross emissions scope 3 – business travel	726	663	589	597	496	422	332	323	383	248	8
<b>Related energy consumption (kWh)</b>	Electricity: non-renewable	3,011,414	2,924,112	2,679,575	2,629,114	2,779,913	210,875	297,148	293,901	87,910	0	0
	Electricity: renewable	314,160	305,748	273,545	273,886	289,732	2,928,051	3,079,366	2,782,799	2,755,263	2,600,798	1,927,259
	Gas	3,296,834	2,449,626	2,454,047	1,972,546	1,965,847	2,435,887	2,985,721	2,207,653	1,927,693	1,927,438	1,741,963
<b>Financial Indicators (£000)</b>	Expenditure on energy	387	418	407	555	524	589	609	565	589	588	524
	Expenditure on electricity	362	403	371	465	473	525	535	518	536	531	470
	Expenditure on gas <sup>1</sup>	25	15	36	90	51	64	74	47	53	56	54
	Expenditure on official business travel (excluding accommodation costs and subsistence)	930	797	781	897	748	690	660	693	800	693	18

### Note

1 This does not include Newcastle Office gas expenditure as it is included in the service charge.

### Data Collection Methodologies

This data is not weather adjusted.

In 2015-16 our carbon footprint was restated for all years in order to account for material changes to the conversion factors provided by Defra for company reporting purposes.

### London Office data – Scope 1 and 2

Calculated using first hand data retrieved from the Office's Building Management System.

The data does not include the scope 1 and 2 emissions produced by NAO tenants. Tenants' electricity consumptions is calculated based upon their metered supply. Gas is metered at its point of entry into the building and so the tenants' consumption is estimated based on the floor space they occupy.

### Newcastle Office data – Scope 1 and 2

As in London, electricity is metered on to the office floor but gas is calculated as a percentage of occupied space.

### Scope 3

Scope 3 emissions from the NAO's business travel are calculated by the NAO's travel management company and a report is provided on an annual basis.

## 2 Waste

	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Non-financial indicators (tonnes)</b>											
Total waste		127.4	126.8	123.0	134.1	151.5	124.8	117.5	118.4	96.8	9.7
Hazardous waste total		0.8	1.0	1.0	1.0	1.0	1.0	0.5	0.0	0.0	0.0
Non-hazardous waste											
Landfill	Not available	0	0	0	0	0	0	0	0	0	0
Reused/recycled		111.2	121.8	116.1	129.1	148.9	122.9	116.5	94.2	75.0	4.8
Incinerated/energy re used		17.0	5.0	6.9	4.0	1.5	1.8	0.5	24.2	21.8	4.9
<b>Financial Indicators (£000)</b>											
Total disposal cost	39	39.8	30.9	32.1	37.0	43.9	43.7	35.2	34.0	36.8	31.7
Hazardous waste – total disposal cost		0.5	0.5	1.0	1.0	1.2	1.0	1.2	1.8	0.0	0.0
Non-hazardous waste – total disposal cost											
Landfill	Not available	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Reused/recycled		21.2	16.5	31.1	36.0	42.7	42.7	34.0	30.3	18.3	22.7
Incinerated/energy reused		18.1	13.9	Nil	Nil	Nil	Nil	Nil	1.9	14.7	9.0

### Data Collection Methodologies

#### London Office waste data

The waste data above includes waste generated by NAO tenants.

Waste disposal is outsourced to Mitie Waste and Environmental. Monthly reports detailing the weight of generated waste and a breakdown of waste by type are provided.

#### Newcastle Office waste data

The Landlord provides a general waste disposal service as part the lease's service contract and does not provide data on general waste.

Disposal of all recycled waste is outsourced to Mitie Waste and Environmental. Monthly reports detailing the weight of generated waste and a breakdown by type are provided.

### 3 Water

		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
<b>Finite Resource Consumption – Water</b>												
Non-financial indicators (m <sup>3</sup> )												
Water consumption	Supplied	7,038	7,172	5,520	6,794	6,093	6,388	6,107	6,195	4,685	5,426	2,643
	Abstracted	-	-	-	-	-	-	-	-	-	-	-
<b>Financial Indicators (£000)</b>												
Water supply costs <sup>1</sup>		17.6	15.4	16.7	16.9	15.8	16.5	14.9	16.8	12.5	12.8	10.0

#### Note

1 This does not include Newcastle Office water expenditure as it is included in the service charge.

#### Data Collection Methodologies

##### London Office waste data

Water consumption is calculated using data retrieved from the Office's Building Management System.

However, there are no separate meters for sublet space so water consumption includes tenant consumption and the calculation of the target ratio is based upon the number of building users (both NAO and tenant full-time equivalent).

##### Newcastle Office waste data

As in London, water is metered into the building but not on to the office floor. For this office, consumption is calculated as a percentage of occupied space.