



GHG REPORT Greenhouse Gas Emissions 2024

A. Menarini Farmaceutica Internazionale SRL – UK
Mercury Park, High Wycombe

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Glossary of Terms

Term	Definition
GHG	Greenhouse Gas. Gaseous constituent of the atmosphere, both natural and anthropogenic, that absorbs and emits radiation at specific wavelengths within the spectrum of infrared radiation emitted by the Earth's surface, the atmosphere, and clouds
GHG Source	Process that releases a GHG into the atmosphere
GHG Sink	Process that removes a GHG from the atmosphere
GHG Reservoir	Component, other than the atmosphere, which has the capacity to accumulate GHGs, and to store and release them
GHG Emission	Release of a GHG into the atmosphere
GHG Removal	Withdrawal of a GHG from the atmosphere
GHG Emission Factor	Coefficient relating activity data with the GHG emission
GHG Removal Factor	Coefficient relating activity data with the GHG removal
Direct GHG Emission	GHG emission from GHG sources owned or controlled by the organisation
Direct GHG Removal	GHG removal from GHG sinks owned or controlled by the organisation
Indirect GHG Emission	GHG emission that is a consequence of an organisation's operations and activities, but that arises from GHG sources that are not owned or controlled by the organisation
CO ₂ e	Carbon Dioxide (CO ₂) Equivalent. Unit for comparing the radiative forcing of a GHG to that of carbon dioxide. CO ₂ e includes all of the greenhouse gases defined within the Kyoto protocol: carbon dioxide (CO ₂), methane (CH ₄), nitrous oxide (N ₂ O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), sulphur hexafluoride (SF ₆), and nitrogen trifluoride (NF ₃)
GWP	Global Warming Potential. Index, based on radiative properties of GHGs, measuring the radiative forcing following a pulse emission of a unit mass of a given GHG in the present-day atmosphere integrated over a chosen time horizon, relative to that of carbon dioxide (CO ₂)
Organisational Boundary	Grouping of activities or facilities in which an organisation exercises operational or financial control or has an equity share
Reporting Boundary	Grouping of GHG emission or GHG removals reported from within the organisational boundary, as well as those significant indirect emissions that are a consequence of the organisation's operations and activities
Activity Data	Quantitative measure of activity that results in a GHG emission or GHG removal
GHG Inventory	List of GHG sources and GHG sinks, and their quantified GHG emissions and GHG removals
GHG Statement	Factual and objective declaration that provides the subject matter for the verification or validation
Uncertainty	Parameter associated with the result of quantification that characterises the dispersion of the values that could be reasonably attributed to the quantified amount.
Biogenic Carbon	Carbon derived from biomass, material of biological origin
Fossil Carbon	Carbon that is contained in fossilised material
Carbon Offsetting	Mechanism for compensating for all or a part of the CFP or the partial CFP through the prevention of the release of, reduction in, or removal of an amount of GHG emissions in a process outside the product system under study

1. GENERAL DESCRIPTION

1.1 Background

This report has been prepared on behalf of A. Menarini Farmaceutica Internazionale SRL - UK ('Menarini UK' hereafter) by Sol Environment Ltd to provide a Greenhouse Gas Emissions Report on all activities across the organisation.

The Menarini Group is an Italian pharmaceutical company specialised in the treatment of pathologies in cardiology, oncology, pneumology, inflammation and gastroenterology. The UK division of Menarini supply the NHS and other parties with pharmaceuticals produced in Italy, Germany, Spain, and Belgium.

Menarini UK operates out of Menarini House, Mercury Park, Wooburn Green, Wycombe Lane, HP10 0HH, coordinating the importing of products to pre-wholesalers, and the sale and transport of products to pharmacies and hospitals.

All NHS suppliers are required to implement a Carbon Reduction Plan (CRP) in line with the central UK Government's PPN 06/21¹. This GHG report has been conducted and written in accordance with ISO 14064-1:2018² and the GHG Protocol Corporate Standard³ in order to support and inform Menarini UK's CRP and highlight potential areas of GHG emissions improvement.

This report has been prepared by Freddie Wells, Sustainability Consultant at Sol Environment. Freddie is a SGS certified ISO 14064 Lead Auditor and Greenhouse Gas Lead Verifier.

1.2 Organisation Description

Table 1.1 below gives details of the organisation.

Table 1.1: Company Details	
Name	A. Menarini Farmaceutica Internazionale SRL
Registration No.	BR016024
Address	Registered: 1 Via Sette Santi, Firenze, 50131, Italy UK Office: Menarini House, Mercury Park, Wooburn Green, Wycombe Lane, HP10 0HH
Phone	01628 856400
Email	reception@menariniuk.com
Number of employees	< 100
Brief description of activities	Import, distribution, and wholesale of pharmaceutical goods nationwide

¹ UK Government Cabinet Office - Procurement Policy Note 06/21 - [Taking Account of Carbon Reduction Plans in the procurement of major government contracts](#)

² European Committee for Standardization - EN ISO 14064-1:2018 - Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.

³ World Resources Institute - The Greenhouse Gas Protocol - [A Corporate Accounting and Reporting Standard](#)

The persons responsible for the data and production of this report is Tom Robinson, the Director of Commercial, Performance, Market Access and Business Intelligence, who in turn reports to the Executive Committee of the wider Menarini Organisation.

1.3 Purpose and Intended Users

This report is for the use of Menarini UK and the wider Menarini Group to aid decision making regarding the current GHG status and inventory of the business, informing future carbon policies and net-zero targets. This report will in turn form a foundation for the production of a Carbon Reduction Plan for Menarini UK in accordance with the NHS requirements for suppliers, which will be submitted to the NHS by Menarini UK when required.

The NHS do not require this report to undergo third-party validation.

1.4 Reporting Frequency

This report accounts for the GHG emissions of Menarini UK for the 2024 calendar year. This is the third report to be conducted on behalf of Menarini UK by Sol, following on from the 2022 annual report and the 2023 annual report.

Reporting will be conducted on an annual basis with each calendar year reported by Q3 or earlier of the following year.

1.5 Data Collection and Evidence Gathering

All GHG data and evidence regarding Scope 1, 2 and a subset of Scope 3 emissions was collected via document review in accordance with ISO 14064-01 requirements.

A review of the base year GHG inventory has been conducted as part of the 2024 data review, to account for any substantial cumulative changes in base-year emissions. As no substantial changes were found, a site visit was not deemed necessary.

Examples of data collected to support the GHG inventory of this report include transport and mileage records, energy data, employee vehicle models and annual mileage, water usage, waste disposal, hotel stays etc.

2. ORGANISATIONAL BOUNDARIES

2.1 Organisational Boundaries

Menarini UK has chosen to use the Financial Control Approach for the purposes of consolidating and reporting GHG emissions. This approach is the most commonly used and is recommended in the GHG Protocol and ISO 14064-1 guidance on how to measure and report GHG emissions.

This approach will include GHG emissions from the head office, employee commuting and business travel, and stock transport to and from associated product manufacturing facilities and wholesale storage warehouses located at:

- Via dei Frilli, 25, 50019 Sesto Fiorentino FI, Italy
- Menarini Von Heyden GmbH, Leipziger Str. 7-13, 01097 Dresden, Germany
- A. Menarini Research & Business Service GmbH, BHKW Adlershof, Glienicker Weg 125-127, 12489 Berlin, Germany;
- Grupo Menarini España, C. d'Alfons XII, 587, 08918 Badalona, Barcelona, Spain (LMSA);
- ACS Dobfar S.p.A. - Nucleo Industriale S. Atto, S. Nicolò a Tordino (TE), Teramo Italy
- Via Enrico fermi 1, 65020 Alanno, Pescara (PE), Italy
- Via Campo di Pile - 67100, L'Aquila, Italy
- Janssen Cilag S.p.A., Via C. Janssen (Borgo S. Michele), 04100 Latina (LT), Italy
- Movianto UK Limited, 1 Progress Park, Bedford, MK42 9XE, United Kingdom.

3. REPORTING BOUNDARIES

3.1 Reporting Boundaries

Menarini UK's control starts from reception of stock from their continental suppliers, to importing goods into the UK, storage and distribution to end users, and office activities. The NHS CRP guidance requires only a subset of Scope 3 emissions be reported, therefore the GHG emissions inventory in this report consists of the following:

- Scope 1
 - Category 1: Direct GHG emissions and removals
 - 1.1: Direct emissions from stationary combustion
 - 1.2: Direct emissions from mobile combustion
 - 1.3: Direct process emissions and removals arising from industrial processes
 - 1.4: Direct fugitive emissions arising from the release of greenhouse gases in anthropogenic systems
 - 1.5: Direct emissions and removals from Land Use, Land Use Change, and Forestry
- Scope 2
 - Category 2: Indirect GHG emissions from imported energy
 - 2.1: Indirect emissions from imported electricity
 - 2.2: Indirect emissions from imported energy
- Scope 3
 - Category 3: Indirect GHG emissions from transportation
 - 3.1: Emissions from upstream transport and distribution for goods
 - 3.2: Emissions from downstream transport and distribution for goods
 - 3.3: Emissions from employee commuting
 - 3.5: Emissions from business travel
 - Category 4: Indirect GHG emissions from products used by the organisation
 - 4.3: Emissions from the disposal of solid and liquid waste
 - 4.4: Emissions from the water supply to the organisation

4. QUANTIFIED GHG INVENTORY

4.1 Calculation Methodology

Menarini UK has reported its GHG emissions using the Emissions Factors method. The UK Government's Department for Energy Security and Net-Zero (DESNZ), has published emissions factors which are annually updated to convert activity data into GHG emissions.⁴

It is standard practice to report GHG emissions in tonnes of CO₂e, which the DESNZ emissions factors provides for each of the Kyoto protocol products where applicable: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), sulphur hexafluoride (SF₆), and nitrogen trifluoride (NF₃).

Menarini UK's emissions have been reported using the DESNZ GHG Conversion Factors updated for the year 2024 and has cited the source of all emission factors used where DESNG factors are not available.

Menarini UK operates out of their own office building. The staff members are split between office staff who work out of the head office, and sales team who operate remotely across the UK.

The methodology, results, and activity data for each category are appended as *Annexes A – H* of this report.

4.2 Quantified Results

Table 4.1 overleaf includes the quantified data results by emission or removal category.

⁴ <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2024>

Table 4.1: Quantified GHG Inventory

Reporting Company		A. Menarini Farmaceutica Internazionale SRL - UK											
Person or Entity responsible for the report		Freddie Wells/Sol Environment and Tom Robinson/Menarini UK											
Reporting Period		From 01/01/2024 To 31/12/2024											
Organisational Boundary		Financial Control Approach including GHG emissions from the head office and product distribution network											
Reporting Boundary		Scopes 1, 2, and agreed subset of Scope 3 in accordance with NHS and UK PPN 06/21 requirements											
EMISSIONS		Notes	CO ₂ e Total (t.p.a.)	Carbon Dioxide (CO ₂)	Methane (CH ₄)	Nitrous Oxide (NO ₂)	Hydrofluoro-carbons (HFCs)	Perfluoro-carbons (PFCs)	Sulphur hexafluoride (SF ₆)	Nitrogen trifluoride (NF ₃)	Quantitative uncertainty	Qualitative uncertainty	
			GWP	1	30	265	5000	4000	23500	16100			
1	Category 1: Direct GHG emissions and removals in tonnes CO ₂ e												
1.1	Direct emissions from stationary combustion	NS	-	-	-	-	-	-	-	-	-	-	
1.2	Direct emissions from mobile combustion		266.34	210.20	0.20	1.53	-	-	-	-	10.0%	0.0%	
1.3	Direct process emissions and removals arising from industrial processes	NS	-	-	-	-	-	-	-	-	-	-	
1.4	Direct fugitive emissions arise from the release of greenhouse gases in anthropogenic systems	NS	-	-	-	-	-	-	-	-	-	-	
1.5	Direct emissions and removals from Land Use, Land Use Change and Forestry	NS	-	-	-	-	-	-	-	-	-	-	
2	Category 2: Indirect GHG emissions from imported energy in tonnes CO ₂ e												
2.1	Indirect emissions from imported electricity		13.15	12.71	0.13	0.17	-	-	-	-	0.0%	0.0%	
2.2	Indirect emissions from imported energy	NS	-	-	-	-	-	-	-	-	-	-	
3	Category 3: Indirect GHG emissions from transportation												
3.1	Emissions from upstream transport and distribution for goods		202.40	160.78	0.02	2.21	-	-	-	-	0.0%	0.0%	
3.2	Emissions from downstream transport and distribution for goods		1,337.44	1,063.67	0.18	12.24	-	-	-	-	0.0%	0.0%	
3.3	Emissions from employee commuting		40.77	21.54	0.04	0.07	-	-	-	-	0.0%	0.0%	
3.4	Emissions from client and visitor transport	OS	-	-	-	-	-	-	-	-	-	-	
3.5	Emissions from business travel		250.40	210.10	0.03	1.07	-	-	-	-	0.0%	0.0%	

4	Category 4: Indirect GHG emissions from products used by the organisation											
4.1	Emissions from purchased goods	OS	-	-	-	-	-	-	-	-	-	-
4.2	Emissions from capital goods	OS	-	-	-	-	-	-	-	-	-	-
4.3	Emissions from disposal of solid and liquid waste		0.02	-	-	-	-	-	-	-	0.0%	0.0%
4.4	Emissions from use of assets		0.01	-	-	-	-	-	-	-	0.0%	0.0%
4.5	Emissions from the use of services that are not described in the above subcategories	OS	-	-	-	-	-	-	-	-	-	-
5	Category 5: Indirect GHG emissions associated with the use of products from the organisation											
5.1	Emissions or removals from the use stage of the product	OS	-	-	-	-	-	-	-	-	-	-
5.2	Emissions from downstream leased assets	OS	-	-	-	-	-	-	-	-	-	-
5.3	Emissions from end of life stage of the product	OS	-	-	-	-	-	-	-	-	-	-
5.4	Emissions from investments	OS	-	-	-	-	-	-	-	-	-	-
5.5	Emissions from the use of services that are not described in the above subcategories	OS	-	-	-	-	-	-	-	-	-	-
6	Category 6: Indirect GHG emissions from other sources											
6.1	Indirect GHG emissions from other sources	OS	-	-	-	-	-	-	-	-	-	-
REMOVALS												
	Direct removals in tonnes CO ₂ e		-									
STORAGE												
	Total storage as of year end in tonnes CO ₂ e		-									

<u>CARBON FINANCIAL INSTRUMENTS</u>																	
Total Renewable Electricity purchased in kWh with contractual instruments compliant with ISO 14064-01 Annex E	-																
Total Renewable Electricity purchased in kWh with contractual instruments not compliant with ISO 14064-01 Annex E criteria	-																
Offsets from GHG Scheme AA in tonnes CO ₂ e Credits from GHG Scheme BB in tonnes CO ₂ e	- -																
<u>OTHER RELATED INFORMATION</u>																	
Base year GHG emissions, removals, stocks and adjustments to base year Disclosure of most significant sources, sinks and reservoirs Statements of emissions per unit of relevant units Significance criteria Uncertainty assessment	Third year of reporting All sources disclosed See tables Refer to Data Collection Plan See Section 4.3 of GHG Report 2024																
<u>NOTES</u>																	
NS = not significant OS = outside scope																	
<u>TOTALS</u>																	
<table border="1"> <thead> <tr> <th colspan="2">GHG Emissions t CO₂e</th></tr> </thead> <tbody> <tr> <td>Category 1: Direct GHG emissions and removals in tonnes CO₂e</td><td>266.90</td></tr> <tr> <td>Category 2: Indirect GHG emissions from imported energy in tonnes CO₂e</td><td>12.58</td></tr> <tr> <td>Category 3: Indirect GHG emissions from transportation</td><td>1831.01</td></tr> <tr> <td>Category 4: Indirect GHG emissions from products used by the organisation</td><td>0.04</td></tr> <tr> <td>Category 5: Indirect GHG emissions associated with the use of products from the organisation</td><td>0.00</td></tr> <tr> <td>Category 6: Indirect GHG emissions from other sources</td><td>0.00</td></tr> <tr> <td>Total</td><td>2110.53</td></tr> </tbody> </table>		GHG Emissions t CO ₂ e		Category 1: Direct GHG emissions and removals in tonnes CO ₂ e	266.90	Category 2: Indirect GHG emissions from imported energy in tonnes CO ₂ e	12.58	Category 3: Indirect GHG emissions from transportation	1831.01	Category 4: Indirect GHG emissions from products used by the organisation	0.04	Category 5: Indirect GHG emissions associated with the use of products from the organisation	0.00	Category 6: Indirect GHG emissions from other sources	0.00	Total	2110.53
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Category 3: Indirect GHG emissions from transportation	1831.01																
Category 4: Indirect GHG emissions from products used by the organisation	0.04																
Category 5: Indirect GHG emissions associated with the use of products from the organisation	0.00																
Category 6: Indirect GHG emissions from other sources	0.00																
Total	2110.53																

4.3 Uncertainty Assessment

Organisations are required to assess the uncertainty associated with the quantification approaches (e.g., data used for quantification and models) and conduct an assessment that determines the uncertainty at the GHG inventory category level.

Uncertainty information typically specifies quantitative estimates of the likely dispersion of values and a qualitative description of the likely causes of the dispersion.

Where quantitative estimation of uncertainty is not possible or cost effective, it will be justified, and a qualitative assessment shall be conducted.

The principles and methodologies of ISO/IEC Guide 98-3 have been used to complete the uncertainty assessment.

The majority of emissions sources included in the inventory are calculated using recorded and measured data, and as we are unaware of the uncertainties included in the software and third-parties that recorded this data, it is not possible to evaluate those uncertainties.

4.3.1 *Category 1.2: Direct Emissions from Mobile Combustion*

Direct emissions from mobile combustion has a quantitative uncertainty applied as there is an inherent uncertainty in speedometers, and therefore odometers, in all vehicles. As the GHGs from company vehicles has been calculated using vehicle mileage, this margin for error needs to be considered. Under UK Law, all vehicle speedometers must never show less than the actual speed and must never show more than 110% of actual speed + a nominal value of 6.25mph. As the odometer reading is based on the speedometer reading in vehicles, we have assumed a percentage uncertainty of +/-10% for the vehicle mileage.

4.3.2 *Category 3.5: Emissions from business travel*

Whilst there is no uncertainty in the usual sense, some caution is required in regard to a minority of Rail and Taxi journeys. This is due to various unknown values in the data provided by Menarini UK, as detailed below.

Rail

Domestic rail journey distances were calculated using data supplied by trainline.com. Where two distances were supplied, the longer journey was identified in order to be conservative, and thus no uncertainty has been applied.

London Underground journey distances have been calculated using TfL published documents outlining the distance between stations⁵, therefore there is no uncertainty.

⁵ <https://tfl.gov.uk/corporate/publications-and-reports/working-timetables>

The majority of EU rail journeys have been calculated using a combination of QGIS, to measure the distances between stations; and UK Government 2024 figures for emission factors. Where necessary, journey routes were identified using trainline.com. EU figures were available solely for CO₂ emissions and were almost identical to UK figures, which provide a greater range of GHGs, therefore DESNZ figures were applied. The uncertainty for these journeys is zero.

However, there were a number of journeys in London and Italy respectively, which began and finished in the same city and which only had the costs recorded, no specific station data. Whilst average fare costs for the Italy journeys are not publicly available and therefore a calculation of journey distances using price could not be carried out, the London journeys fail to state whether they are underground, overground or light rail. Emissions generated have subsequently been estimated using the relationship between cost and distance from the domestic journeys and intercity Italian journeys respectively which provided destination and cost. A cost of £0.31 and £0.21 per km respectively was the resulting metric by which the London and Italy same city journeys were measured. As these journeys have all conservatively been assumed to be national rail as opposed to light rail or underground, no uncertainty has been applied.

Air Travel

Flight journey distances have been calculated using an online air miles calculator⁵, therefore no uncertainty has been applied.

Sea Travel

Ferry journey distances have been calculated using online mapping, therefore no uncertainty has been applied.

Taxis

Taxi journey distances have been calculated using either a city specific taxi pricing index or Google Maps. Where possible, city specific emission coefficients have been used.

There are a number of cells which either have no location or only one start/end location. These cells number 114 and 87 respectively and consisted of 13% of the data from '*Taxis from Concur*'. However, as each journey had a price, an overall price/km index of £1.43 was created from the 87% of journeys which had data, which was ascertained using city specific government

⁵Air miles calculator: <https://www.airmilescalculator.com/>

⁶TFL taxi price index: <https://tfl.gov.uk/modes/taxis-and-minicabs/taxi-fares/tariffs>

published indexes. The 13% makes up 0.82 tCO₂e in comparison to the overall Scope 3 emissions of 1,831 tCO₂e.

Hotel stays

Emissions from hotel stays have no uncertainty as the exact number of stays has been recorded with 2024 UK GHG conversion factors used for each destination when possible and the website *hotelfootprints*⁷ used for countries which are omitted from the aforementioned spreadsheet.

4.4 Adding Uncertainties

Using the methodology for adding uncertainties following the weighted average approach as detailed in Figure 4.1 below, the total uncertainty for Category 1.2 emissions is +/- 10%.

Numeric uncertainties have been combined using root-sum-of-squares techniques, using the absolute values to adjust for the relative weight of each parameter or estimate.

Using this methodology, the total uncertainty for the GHG inventory is calculated to be +/-1%. A confidence level of 95% is typically required for carbon reporting but due to the limitations of the data, the uncertainty assessment of this report is deemed acceptable.

Figure 4.1: Methodology for Adding Uncertainties

Where: $(C \pm c\%) + (D \pm d\%) = E \pm e\%$

$$e = \frac{\sqrt{(Cxc)^2 + (Dxd)^2}}{E}$$

Where:

<i>C</i>	= CO ₂ e emissions
<i>D</i>	= CO ₂ e emissions
<i>E</i>	= CO ₂ e emissions
<i>c</i>	= Uncertainty percentage
<i>d</i>	= Uncertainty percentage
<i>e</i>	= Uncertainty percentage

⁷ <https://www.hotelfootprints.org/>

4.5 Reducing Uncertainty

It is recommended that data collection is improved to reduce the requirement for estimates and level of uncertainty. Improvements such as recording business travel journeys with greater detail, particularly start and end points, travel routes for upstream and downstream distribution, onward journeys for delivery vehicles, and laden percentage of delivery vehicles, will contribute towards reducing uncertainties.

As above, the largest GHG contributors to Menarini UK's emissions releases have been recorded in detail. Downstream transport and distribution is by far the largest GHG release, with the number of deliveries and vehicle types accurately recorded, meaning uncertainty is minimal in this emissions category.

As it is not possible to know the uncertainties included in the software and third-parties that record the majority of the other inventory data, or online mapping and calculators, it is not possible to evaluate those uncertainties.

5. GHG PERFORMANCE TRACKING

5.1 Reduction Initiatives

Menarini UK are preparing a separate standalone Carbon Reduction Plan (CRP) in line with the central UK Government's PPN 06/21, as part of the NHS requirements for suppliers. This GHG report has been conducted and written in accordance with ISO 14064-1:2018 and the GHG Protocol Corporate Standard in order to support and inform Menarini UK's CRP and highlight potential areas of GHG emissions improvement.

As per the previous year's dialogue, Sol is aware of a number of reduction targets:

- Transitioning all company car and car allowance drivers to electric vehicles.
- Working with distribution partners to reduce downstream CO2 emissions in our supply chain.
- Minimising international travel through increased use of electronic meetings.
- Offsetting any remaining carbon emissions.

The aim of this report is to provide annual emissions calculations for internal reporting use and review against the base-year. Progress on the three specific targets has been discussed in the carbon reduction plan.

5.2 Internal Performance Tracking

The organisation has committed to annual reporting of its GHG emissions and reductions. Annual reporting will be compared against the CRP targets to determine performance, and to highlight further areas of improvement in data collection and operations.

Annex A: Category 1.2 - Direct Emissions from Mobile Combustion

Company Vehicles

Staff

Direct emission from the mobile combustion of 52 remote sales staff and 28 office based staff is reflected below.

Calculation

Table overleaf shows the vehicle types, mileage, coefficients, and total emissions from company vehicles in 2024.

Mileage is recorded per vehicle from the on-board odometer as part of the agreement with the third-party leasing company.

Business distance in company cars

Number Plate	Distance (Miles)	Fuel type	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	Coefficient	WTT - kg CO ₂ e
Ao09 fxf	16,786.00	Diesel	Large	0.33	5600.15	0.33	5554.82	0.00	0.17	0.00	45.15	0.08	1369.57
BU16WKB	259.00	Diesel	Large	0.33	86.41	0.33	85.71	0.00	0.00	0.00	0.70	0.08	21.13
Cx14eoy	658.00	Diesel	Large	0.33	219.52	0.33	217.75	0.00	0.01	0.00	1.77	0.08	53.69
DP16SVZ	15,755.00	Diesel	Large	0.33	5256.18	0.33	5213.64	0.00	0.16	0.00	42.38	0.08	1285.45
Dy67yyd	4,612.00	Diesel	Large	0.33	1538.66	0.33	1526.20	0.00	0.05	0.00	12.41	0.08	376.29
J33 OCR	29,286.00	Diesel	Large	0.33	9770.40	0.33	9691.32	0.00	0.29	0.00	78.78	0.08	2389.44
JAJ385V	12,649.00	Diesel	Large	0.33	4219.96	0.33	4185.81	0.00	0.13	0.00	34.03	0.08	1032.03
LA69 WLZ	560.00	Diesel	Large	0.33	186.83	0.33	185.32	0.00	0.01	0.00	1.51	0.08	45.69
LJ70 YGN	2,934.00	Diesel	Large	0.33	978.84	0.33	970.92	0.00	0.03	0.00	7.89	0.08	239.39
M21JME	4,691.00	Diesel	Large	0.33	1565.01	0.33	1552.35	0.00	0.05	0.00	12.62	0.08	382.74
WX70ZWW	1,124.00	Diesel	Large	0.33	374.99	0.33	371.95	0.00	0.01	0.00	3.02	0.08	91.71
YL60 AYB	17,013.00	Diesel	Large	0.33	5675.88	0.33	5629.94	0.00	0.17	0.00	45.76	0.08	1388.09
DW981WS	100.00	Diesel	Average	0.27	27.33	0.27	27.06	0.00	0.00	0.00	0.27	0.07	6.67
Ford Kuga	3,206.00	Diesel	Large	0.33	1069.59	0.33	1060.93	0.00	0.03	0.00	8.62	0.08	261.58
RJ13 YZG	207.00	Diesel	Average	0.27	56.58	0.27	56.02	0.00	0.00	0.00	0.56	0.07	13.81
SM28TWL	8,278.00	Diesel	Average	0.27	2262.71	0.27	2240.36	0.00	0.08	0.00	22.27	0.07	552.39
YD71 DGV	42.00	Diesel	Average	0.27	11.48	0.27	11.37	0.00	0.00	0.00	0.11	0.07	2.80

YT68HVM	216.00	Diesel	Average	0.27	59.04	0.27	58.46	0.00	0.00	0.00	0.58	0.07	14.41
YUI533	5,438.00	Diesel	Average	0.27	1486.42	0.27	1471.74	0.00	0.05	0.00	14.63	0.07	362.88
KV18 DRX	41.00	Diesel	Large	0.33	13.68	0.33	13.57	0.00	0.00	0.00	0.11	0.08	3.35
AJ73PZX	8,214.00	Hybrid Electric	Large	0.25	2047.01	0.25	2028.20	0.00	1.31	0.00	17.50	0.06	523.56
YR24 LSL	18,572.00	Hybrid Electric	Large	0.25	4628.33	0.25	4585.80	0.00	2.97	0.00	39.56	0.06	1183.78
LL72 YYS	7,145.00	Hybrid Electric	Average	0.20	1449.58	0.20	1436.22	0.00	2.14	0.00	11.22	0.05	381.19
BJ24 AOM	6,742.00	Hybrid Electric	Large	0.25	1680.17	0.25	1664.73	0.00	1.08	0.00	14.36	0.06	429.74
BJ24AJV	2,100.00	Hybrid Electric	Large	0.25	523.34	0.25	518.53	0.00	0.34	0.00	4.47	0.06	133.85
EF72BTU	21,669.00	Hybrid Electric	Large	0.25	5400.13	0.25	5350.51	0.00	3.47	0.00	46.15	0.06	1381.18
EO74CWT	134.00	Hybrid Electric	Large	0.25	33.39	0.25	33.09	0.00	0.02	0.00	0.29	0.06	8.54
FP24 PYY	3,803.00	Hybrid Electric	Large	0.25	947.75	0.25	939.04	0.00	0.61	0.00	8.10	0.06	242.40
FP73 HXN	17,263.00	Hybrid Electric	Large	0.25	4302.11	0.25	4262.58	0.00	2.76	0.00	36.77	0.06	1100.34
LK24 KZY	6,597.00	Hybrid Electric	Large	0.25	1644.04	0.25	1628.93	0.00	1.06	0.00	14.05	0.06	420.49
LL72 GKA	8,609.00	Hybrid Electric	Large	0.25	2145.45	0.25	2125.73	0.00	1.38	0.00	18.34	0.06	548.74
LL72 XTJ	10,793.00	Hybrid Electric	Large	0.25	2689.72	0.25	2665.01	0.00	1.73	0.00	22.99	0.06	687.95
LL72 YYG	2,374.00	Hybrid Electric	Large	0.25	591.62	0.25	586.19	0.00	0.38	0.00	5.06	0.06	151.32
LO72 KYZ	9,891.00	Hybrid Electric	Large	0.25	2464.94	0.25	2442.29	0.00	1.58	0.00	21.07	0.06	630.45
LL72XTA	16,149.00	Hybrid Electric	Large	0.25	4024.49	0.25	3987.51	0.00	2.58	0.00	34.40	0.06	1029.34
BJ24AJV Ver2	5,951.00	Hybrid Electric	Large	0.25	1483.05	0.25	1469.42	0.00	0.95	0.00	12.68	0.06	379.32
DX69 RXJ	1,758.00	Hybrid Electric	Large	0.25	438.11	0.25	434.09	0.00	0.28	0.00	3.74	0.06	112.05

EA23 YHP	1,221.00	Hybrid Electric	Large	0.25	304.29	0.25	301.49	0.00	0.20	0.00	2.60	0.06	77.83
EK23 ABX	9,982.00	Hybrid Electric	Large	0.25	2487.61	0.25	2464.76	0.00	1.60	0.00	21.26	0.06	636.25
EK23 ACJ	4,184.00	Hybrid Electric	Large	0.25	1042.69	0.25	1033.11	0.00	0.67	0.00	8.91	0.06	266.69
EO23 ZXZ	1,862.00	Hybrid Electric	Large	0.25	464.03	0.25	459.77	0.00	0.30	0.00	3.97	0.06	118.68
EO23ZZT	2,059.00	Hybrid Electric	Large	0.25	513.12	0.25	508.41	0.00	0.33	0.00	4.39	0.06	131.24
EO69 RLU	7,111.00	Hybrid Electric	Large	0.25	1772.13	0.25	1755.85	0.00	1.14	0.00	15.15	0.06	453.26
FG21 EZB	11,823.00	Hybrid Electric	Large	0.25	2946.41	0.25	2919.34	0.00	1.89	0.00	25.18	0.06	753.60
KJ24 ASX	7,473.00	Hybrid Electric	Large	0.25	1862.35	0.25	1845.23	0.00	1.20	0.00	15.92	0.06	476.33
L072 OHW	4,913.00	Hybrid Electric	Large	0.25	1224.37	0.25	1213.12	0.00	0.79	0.00	10.46	0.06	313.15
LL72 XSR	16,344.00	Hybrid Electric	Large	0.25	4073.09	0.25	4035.66	0.00	2.62	0.00	34.81	0.06	1041.77
LL72 XTB	12,547.00	Hybrid Electric	Large	0.25	3126.84	0.25	3098.11	0.00	2.01	0.00	26.73	0.06	799.75
LL72 YZX	10,877.00	Hybrid Electric	Large	0.25	2710.66	0.25	2685.75	0.00	1.74	0.00	23.17	0.06	693.30
LL72XTB	335.00	Hybrid Electric	Large	0.25	83.49	0.25	82.72	0.00	0.05	0.00	0.71	0.06	21.35
LL72YYG	4,230.00	Hybrid Electric	Large	0.25	1054.16	0.25	1044.47	0.00	0.68	0.00	9.01	0.06	269.62
LS72VCX	12,766.00	Hybrid Electric	Large	0.25	3181.41	0.25	3152.18	0.00	2.04	0.00	27.19	0.06	813.70
PX17 LTA	84.00	Hybrid Electric	Large	0.25	20.93	0.25	20.74	0.00	0.01	0.00	0.18	0.06	5.35
T24SHX	5,602.00	Hybrid Electric	Large	0.25	1396.07	0.25	1383.25	0.00	0.90	0.00	11.93	0.06	357.07
WP70XLT	6,437.00	Hybrid Electric	Large	0.25	1604.16	0.25	1589.42	0.00	1.03	0.00	13.71	0.06	410.29
BC73 GYN	3,403.00	Hybrid Electric	Medium	0.18	629.28	0.18	622.65	0.00	0.92	0.00	5.72	0.05	164.16
Bd24zfg	4,867.00	Hybrid Electric	Medium	0.18	900.01	0.18	890.51	0.00	1.31	0.00	8.18	0.05	234.78

BG74 WWF	1,699.00	Hybrid Electric	Medium	0.18	314.18	0.18	310.87	0.00	0.46	0.00	2.85	0.05	81.96
BJ74 ZPG	1,829.00	Hybrid Electric	Medium	0.18	338.22	0.18	334.65	0.00	0.49	0.00	3.07	0.05	88.23
DO19 UGP	17,425.00	Hybrid Electric	Medium	0.18	3222.23	0.18	3188.25	0.00	4.70	0.00	29.27	0.05	840.58
FD23 WGZ	6,386.00	Hybrid Electric	Medium	0.18	1180.90	0.18	1168.45	0.00	1.72	0.00	10.73	0.05	308.06
FP24 VFJ	5,834.00	Hybrid Electric	Medium	0.18	1078.82	0.18	1067.45	0.00	1.58	0.00	9.80	0.05	281.43
GD72 JNL	10,894.00	Hybrid Electric	Medium	0.18	2014.52	0.18	1993.28	0.00	2.94	0.00	18.30	0.05	525.53
HK23RZJ	5,179.00	Hybrid Electric	Medium	0.18	957.70	0.18	947.60	0.00	1.40	0.00	8.70	0.05	249.83
HK74FPT	1,052.00	Hybrid Electric	Medium	0.18	194.54	0.18	192.48	0.00	0.28	0.00	1.77	0.05	50.75
LB21 KWK	14,137.00	Hybrid Electric	Medium	0.18	2614.21	0.18	2586.65	0.00	3.82	0.00	23.75	0.05	681.97
LD23TYH	6,656.00	Hybrid Electric	Medium	0.18	1230.83	0.18	1217.85	0.00	1.80	0.00	11.18	0.05	321.09
OV24 RVW	4,730.00	Hybrid Electric	Medium	0.18	874.67	0.18	865.45	0.00	1.28	0.00	7.95	0.05	228.18
WN73 UGZ	8,722.00	Hybrid Electric	Medium	0.18	1612.87	0.18	1595.86	0.00	2.35	0.00	14.65	0.05	420.75
WP74 MXH	27.00	Hybrid Electric	Medium	0.18	4.99	0.18	4.94	0.00	0.01	0.00	0.05	0.05	1.30
Ya24 EFN	8,516.00	Hybrid Electric	Medium	0.18	1574.78	0.18	1558.17	0.00	2.30	0.00	14.31	0.05	410.81
LA24 KKV	2,679.00	Hybrid Electric	Medium	0.18	495.40	0.18	490.18	0.00	0.72	0.00	4.50	0.05	129.23
WN24 VLT	7,203.00	Hybrid Electric	Medium	0.18	1331.98	0.18	1317.93	0.00	1.94	0.00	12.10	0.05	347.47
BG20 WMX	6,223.00	Hybrid Electric	Medium	0.18	1150.76	0.18	1138.62	0.00	1.68	0.00	10.45	0.05	300.20
BK21 MYN	8,716.00	Hybrid Electric	Medium	0.18	1611.76	0.18	1594.77	0.00	2.35	0.00	14.64	0.05	420.46
BK70 EVB	3,103.00	Hybrid Electric	Medium	0.18	573.81	0.18	567.76	0.00	0.84	0.00	5.21	0.05	149.69
BK70 XPC	7,800.00	Hybrid Electric	Medium	0.18	1442.38	0.18	1427.17	0.00	2.11	0.00	13.10	0.05	376.27

BP70 YPN	2,342.00	Hybrid Electric	Medium	0.18	433.08	0.18	428.52	0.00	0.63	0.00	3.93	0.05	112.98
BP73 FBZ	8,477.00	Hybrid Electric	Medium	0.18	1567.57	0.18	1551.04	0.00	2.29	0.00	14.24	0.05	408.93
JG24JLL	10,071.00	Hybrid Electric	Medium	0.18	1862.33	0.18	1842.69	0.00	2.72	0.00	16.92	0.05	485.83
LG70PZR	4,889.00	Hybrid Electric	Medium	0.18	904.07	0.18	894.54	0.00	1.32	0.00	8.21	0.05	235.85
RK21 EFG	315.00	Hybrid Electric	Medium	0.18	58.25	0.18	57.64	0.00	0.09	0.00	0.53	0.05	15.20
YH23 HCF	99.00	Hybrid Electric	Medium	0.18	18.31	0.18	18.11	0.00	0.03	0.00	0.17	0.05	4.78
LM23 CVJ	100.00	Hybrid Electric	Small	0.18	18.14	0.18	17.98	0.00	0.04	0.00	0.12	0.05	4.87
AK69 WUB	12,583.00	Petrol	Large	0.43	5444.29	0.43	5430.57	0.00	7.17	0.00	6.54	0.12	1524.43
HA11NNH	3,183.00	Petrol	Large	0.43	1377.19	0.43	1373.72	0.00	1.81	0.00	1.66	0.12	385.62
OV19 OLX	369.00	Petrol	Large	0.43	159.66	0.43	159.25	0.00	0.21	0.00	0.19	0.12	44.70
WR67VEM	356.00	Petrol	Large	0.43	154.03	0.43	153.64	0.00	0.20	0.00	0.19	0.12	43.13
YF73 UYA	244.00	Petrol	Large	0.43	105.57	0.43	105.31	0.00	0.14	0.00	0.13	0.12	29.56
AR07LMF	13,040.00	Petrol	Medium	0.29	3719.79	0.28	3705.58	0.00	7.43	0.00	6.78	0.08	1040.20
BU71 AYK	18,485.00	Petrol	Medium	0.29	5273.03	0.28	5252.88	0.00	10.54	0.00	9.61	0.08	1474.55
CA72 GUX	57.00	Petrol	Medium	0.29	16.26	0.28	16.20	0.00	0.03	0.00	0.03	0.08	4.55
CJ71 HWU	11,205.00	Petrol	Medium	0.29	3196.34	0.28	3184.12	0.00	6.39	0.00	5.83	0.08	893.82
GJ70 ZHH	3,582.00	Petrol	Medium	0.29	1021.80	0.28	1017.90	0.00	2.04	0.00	1.86	0.08	285.74
GU59 BYJ	339.00	Petrol	Medium	0.29	96.70	0.28	96.33	0.00	0.19	0.00	0.18	0.08	27.04
OX21534	28,818.00	Petrol	Medium	0.29	8220.62	0.28	8189.21	0.00	16.43	0.00	14.99	0.08	2298.81
ST23A00	11,566.00	Petrol	Medium	0.29	3299.32	0.28	3286.71	0.00	6.59	0.00	6.01	0.08	922.62

T564SMV	296.00	Petrol	Medium	0.29	84.44	0.28	84.11	0.00	0.17	0.00	0.15	0.08	23.61
WP72AGU	13,293.00	Petrol	Medium	0.29	3791.96	0.28	3777.47	0.00	7.58	0.00	6.91	0.08	1060.38
YH74 ZPS Hire	240.00	Petrol	Medium	0.29	68.46	0.28	68.20	0.00	0.14	0.00	0.12	0.08	19.14
LT73 KUW	222.00	Petrol	Small	0.23	51.34	0.23	51.10	0.00	0.13	0.00	0.12	0.06	14.34
N28 TEX	1,296.00	Petrol	Small	0.23	299.71	0.23	298.30	0.00	0.74	0.00	0.67	0.06	83.73

Personal distance in company cars

Calculations overleaf

Number plate	Distance	Fuel	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	Coefficient	WTT - kg CO ₂ e
J33 OCR	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
Ao09 fxf	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
DP16SVZ	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
LA69 WLZ	383	Diesel	Large	0.33	127.78	0.33	126.74	0.00	0.00	0.00	1.03	0.08	31.25
LJ70 YGN	817	Diesel	Large	0.33	272.57	0.33	270.36	0.00	0.01	0.00	2.20	0.08	66.66
M21JME	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
WX70ZWW	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
BU16WKB	349	Diesel	Large	0.33	116.43	0.33	115.49	0.00	0.00	0.00	0.94	0.08	28.47
Dy67yyd	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
Cx14eoy	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
JAJ385V	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
YL60 AYB	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
DW981WS	0	Diesel	Average	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.07	0.00
Ford Kuga	461	Diesel	Large	0.33	153.80	0.33	152.55	0.00	0.00	0.00	1.24	0.08	37.61
RJ13 YZG	0	Diesel	Average	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.07	0.00
SM28TWL	0	Diesel	Average	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.07	0.00
YD71 DGV	0	Diesel	Average	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.07	0.00
YT68HVM	0	Diesel	Average	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.07	0.00
YUI533	0	Diesel	Average	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.07	0.00
KV18 DRX	0	Diesel	Large	0.33	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
LL72 YYS	1546	Hybrid Electric	Average	0.20	313.65	0.20	310.76	0.00	0.46	0.00	2.43	0.05	98.54
AJ73PZX	4135	Hybrid Electric	Large	0.25	1030.48	0.25	1021.01	0.00	0.66	0.00	8.81	0.06	263.56
FP24 PYY	3738	Hybrid Electric	Large	0.25	931.55	0.25	922.99	0.00	0.60	0.00	7.96	0.06	199.42
EF72BTU	6725	Hybrid Electric	Large	0.25	1675.94	0.25	1660.54	0.00	1.08	0.00	14.32	0.06	428.65
EO69 RLU	9088	Hybrid Electric	Large	0.25	2264.82	0.25	2244.01	0.00	1.45	0.00	19.36	0.06	579.27

FP73 HXN	1100	Hybrid Electric	Large	0.25	274.13	0.25	271.61	0.00	0.18	0.00	2.34	0.06	70.11
YR24 LSL	3723	Hybrid Electric	Large	0.25	927.81	0.25	919.28	0.00	0.60	0.00	7.93	0.06	237.30
BJ24 AOM	1134	Hybrid Electric	Large	0.25	282.60	0.25	280.01	0.00	0.18	0.00	2.42	0.05	72.28
BJ24AJV	148	Hybrid Electric	Large	0.25	36.88	0.25	36.54	0.00	0.02	0.00	0.32	0.05	9.43
BJ24AJV Ver2	333	Hybrid Electric	Large	0.25	82.99	0.25	82.22	0.00	0.05	0.00	0.71	0.05	21.23
L072 OHW	1382	Hybrid Electric	Large	0.25	344.41	0.25	341.24	0.00	0.22	0.00	2.94	0.06	88.09
LL72 GKA	2293	Hybrid Electric	Large	0.25	571.44	0.25	566.19	0.00	0.37	0.00	4.88	0.06	146.16
LL72 XSR	2155	Hybrid Electric	Large	0.25	537.05	0.25	532.11	0.00	0.34	0.00	4.59	0.06	137.36
LL72 XTB	2405	Hybrid Electric	Large	0.25	599.35	0.25	593.84	0.00	0.38	0.00	5.12	0.06	153.29
LL72 XTJ	7503	Hybrid Electric	Large	0.25	1869.82	0.25	1852.64	0.00	1.20	0.00	15.98	0.06	478.24
LL72 YYG	240	Hybrid Electric	Large	0.25	59.81	0.25	59.26	0.00	0.04	0.00	0.51	0.06	15.30
LL72 YZX	3942	Hybrid Electric	Large	0.25	982.39	0.25	973.36	0.00	0.63	0.00	8.40	0.06	251.26
LL72XTA	934	Hybrid Electric	Large	0.25	232.76	0.25	230.62	0.00	0.15	0.00	1.99	0.06	59.53
LL72XTB	185	Hybrid Electric	Large	0.25	46.10	0.25	45.68	0.00	0.03	0.00	0.39	0.06	11.79
LL72YYG	5625	Hybrid Electric	Large	0.25	1401.81	0.25	1388.93	0.00	0.90	0.00	11.98	0.06	358.54
LO72 KYZ	751	Hybrid Electric	Large	0.25	187.16	0.25	185.44	0.00	0.12	0.00	1.60	0.06	47.87
LS72VCX	5229	Hybrid Electric	Large	0.25	1303.12	0.25	1291.14	0.00	0.84	0.00	11.14	0.05	333.30
WP70XLT	395	Hybrid Electric	Large	0.25	98.44	0.25	97.53	0.00	0.06	0.00	0.84	0.05	25.18
DX69 RXJ	5019	Hybrid Electric	Large	0.25	1250.78	0.25	1239.29	0.00	0.80	0.00	10.69	0.05	319.91
FG21 EZB	0	Hybrid Electric	Large	0.25	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.05	0.00
EA23 YHP	109	Hybrid Electric	Large	0.25	27.16	0.25	26.91	0.00	0.02	0.00	0.23	0.05	6.95
EK23 ABX	203	Hybrid Electric	Large	0.25	50.59	0.25	50.12	0.00	0.03	0.00	0.43	0.05	12.94
EK23 ACJ	1123	Hybrid Electric	Large	0.25	279.86	0.25	277.29	0.00	0.18	0.00	2.39	0.05	71.58
EO23 ZXZ	1125	Hybrid Electric	Large	0.25	280.36	0.25	277.79	0.00	0.18	0.00	2.40	0.05	71.71
EO23ZZT	5494	Hybrid Electric	Large	0.25	1369.16	0.25	1356.58	0.00	0.88	0.00	11.70	0.05	350.19
EO74CWT	541	Hybrid Electric	Large	0.25	134.82	0.25	133.58	0.00	0.09	0.00	1.15	0.05	34.48
KJ24 ASX	163	Hybrid Electric	Large	0.25	40.62	0.25	40.25	0.00	0.03	0.00	0.35	0.05	10.39

LK24 KZY	1825	Hybrid Electric	Large	0.25	454.81	0.25	450.63	0.00	0.29	0.00	3.89	0.05	116.33
PX17 LTA	49	Hybrid Electric	Large	0.25	12.21	0.25	12.10	0.00	0.01	0.00	0.10	0.05	3.12
T24SHX	0	Hybrid Electric	Large	0.25	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.05	0.00
HK74FPT	234	Hybrid Electric	Medium	0.18	43.27	0.18	42.81	0.00	0.06	0.00	0.39	0.06	11.29
WN24 VLT	1330	Hybrid Electric	Medium	0.18	245.94	0.18	243.35	0.00	0.36	0.00	2.23	0.06	64.16
WN73 UGZ	1609	Hybrid Electric	Medium	0.18	297.54	0.18	294.40	0.00	0.43	0.00	2.70	0.06	77.62
BG20 WMX	1218	Hybrid Electric	Medium	0.18	225.23	0.18	222.86	0.00	0.33	0.00	2.05	0.05	58.76
BK21 MYN	849	Hybrid Electric	Medium	0.18	157.00	0.18	155.34	0.00	0.23	0.00	1.43	0.05	40.96
BK70 EVB	865	Hybrid Electric	Medium	0.18	159.96	0.18	158.27	0.00	0.23	0.00	1.45	0.05	41.73
BK70 XPC	4483	Hybrid Electric	Medium	0.18	829.00	0.18	820.25	0.00	1.21	0.00	7.53	0.05	216.26
BG74 WWF	500	Hybrid Electric	Medium	0.18	92.46	0.18	91.49	0.00	0.14	0.00	0.84	0.05	24.12
BJ74 ZPG	1636	Hybrid Electric	Medium	0.18	302.53	0.18	299.34	0.00	0.44	0.00	2.75	0.05	78.92
BP70 YPN	3369	Hybrid Electric	Medium	0.18	623.00	0.18	616.43	0.00	0.91	0.00	5.66	0.05	162.52
DO19 UGP	667	Hybrid Electric	Medium	0.18	123.34	0.18	122.04	0.00	0.18	0.00	1.12	0.05	32.18
JG24JLL	0	Hybrid Electric	Medium	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.05	0.00
LB21 KWK	1725	Hybrid Electric	Medium	0.18	318.99	0.18	315.62	0.00	0.47	0.00	2.90	0.05	83.21
LG70PZR	4739	Hybrid Electric	Medium	0.18	876.34	0.18	867.09	0.00	1.28	0.00	7.96	0.05	228.61
RK21 EFG	8	Hybrid Electric	Medium	0.18	1.48	0.18	1.46	0.00	0.00	0.00	0.01	0.05	0.39
WP74 MXH	0	Hybrid Electric	Medium	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.05	0.00
BC73 GYN	2572	Hybrid Electric	Medium	0.18	475.61	0.18	470.60	0.00	0.69	0.00	4.32	0.05	124.07
Bd24zfg	1375	Hybrid Electric	Medium	0.18	254.27	0.18	251.58	0.00	0.37	0.00	2.31	0.05	66.33
BP73 FBZ	1887	Hybrid Electric	Medium	0.18	348.94	0.18	345.26	0.00	0.51	0.00	3.17	0.05	91.03
HK23RZJ	3599	Hybrid Electric	Medium	0.18	665.53	0.18	658.51	0.00	0.97	0.00	6.05	0.05	173.62
FD23 WGZ	2815	Hybrid Electric	Medium	0.18	520.55	0.18	515.06	0.00	0.76	0.00	4.73	0.05	135.80
FP24 VFJ	1648	Hybrid Electric	Medium	0.18	304.75	0.18	301.53	0.00	0.44	0.00	2.77	0.05	79.50
GD72 JNL	3277	Hybrid Electric	Medium	0.18	605.98	0.18	599.59	0.00	0.88	0.00	5.51	0.05	158.08
LA24 KKV	2286	Hybrid Electric	Medium	0.18	422.73	0.18	418.27	0.00	0.62	0.00	3.84	0.05	110.28

LD23TYH	3307	Hybrid Electric	Medium	0.18	611.53	0.18	605.08	0.00	0.89	0.00	5.56	0.05	159.53
OV24 RVW	1904	Hybrid Electric	Medium	0.18	352.09	0.18	348.37	0.00	0.51	0.00	3.20	0.05	91.85
Ya24 EFN	925	Hybrid Electric	Medium	0.18	171.05	0.18	169.25	0.00	0.25	0.00	1.55	0.05	44.62
YH23 HCF	4	Hybrid Electric	Medium	0.18	0.74	0.18	0.73	0.00	0.00	0.00	0.01	0.05	0.19
LM23 CVJ	0	Hybrid Electric	Small	0.18	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.05	0.00
OV19 OLX	0	Petrol	Large	0.43	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.08	0.00
WR67VEM	92	Petrol	Large	0.43	39.81	0.43	39.71	0.00	0.05	0.00	0.05	0.08	11.15
AK69 WUB	0	Petrol	Large	0.43	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.08	0.00
HA11NNH	0	Petrol	Large	0.43	0.00	0.43	0.00	0.00	0.00	0.00	0.00	0.08	0.00
YF73 UYA	0	Petrol	Large	0.43		0.43	0.00	0.00	0.00	0.00	0.00	0.08	0.00
CJ71 HWU	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.12	0.00
BU71 AYK	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.12	0.00
CA72 GUX	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.12	0.00
ST23AOO	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.12	0.00
GU59 BYJ	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.08	0.00
OXZ1534	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.08	0.00
WP72AGU	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.08	0.00
GJ70 ZHH	1618	Petrol	Medium	0.29	461.55	0.28	459.79	0.00	0.92	0.00	0.84	0.08	129.07
AR07LMF	132	Petrol	Medium	0.29	37.65	0.28	37.51	0.00	0.08	0.00	0.07	0.08	10.53
T564SMV	0	Petrol	Medium	0.29	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.08	0.00
YH74 ZPS Hire	0	Petrol	Medium	0.29		0.28	0.00	0.00	0.00	0.00	0.00	0.08	0.00
LT73 KUW	80	Petrol	Small	0.23	18.50	0.23	18.41	0.00	0.05	0.00	0.04	0.06	5.17
N28 TEX	0	Petrol	Small	0.23	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.06	0.00

Number Plate	Total Mileage	Fuel	Engine	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	Coefficient	WTT - kg CO ₂ e ₂
BL25 RYM	9672.20	Hybrid electric	1998	Large	0.24921	2,410.41	0.24692	2,388.26	0.00016	1.55	0.00213	20.60	0.06374	616.51
LY03 KFJ	2027.60	Petrol	1997	Large	0.43267	877.28	0.43158	875.07	0.00057	1.16	0.00052	1.05	0.12115	245.64
LA68 UHO	6904.80	Petrol	1498	Medium	0.28526	1,969.66	0.28417	1,962.14	0.00057	3.94	0.00052	3.59	0.07977	550.80
CDE 276X	4986.80	Petrol	1198	Medium	0.28526	1,422.53	0.28417	1,417.10	0.00057	2.84	0.00052	2.59	0.07977	397.80
YB61 OJX	4186.00	Petrol	1596	Medium	0.28526	1,194.10	0.28417	1,189.54	0.00057	2.39	0.00052	2.18	0.07977	333.92

kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
266,335.82	210,199.57	198.58	1,527.39	54,939.83

Annex B: Category 2.1 - Indirect Emissions from Imported Electricity

Imported Electricity

Provider

Electricity is supplied by British Gas and metered, read monthly.

Calculation

Electricity generation coefficient for CH₄ and N₂O are from for the UK National Grid as provided below. The CO₂ coefficient is a company specific figure provided by British Gas.

Generation			
CO ₂ e Coefficient	CO ₂ Coefficient	CH ₄ Coefficient	N ₂ O Coefficient
0.09012	0.08800	0.00090	0.00122

Table below shows the monthly electricity for the office and calculated GHG emissions.

Month	kWh	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O
		0.09012	0.088	0.00090	0.00122
January	14048.9	1266.086868	1236.3032	12.64401	17.139658
February	9853.8	888.024456	867.1344	8.86842	12.021636
March	11584.6	1044.004152	1019.4448	10.42614	14.133212
April	10434.6	940.366152	918.2448	9.39114	12.730212
May	9746.1	878.318532	857.6568	8.77149	11.890242
June	10926.3	984.678156	961.5144	9.83367	13.330086
July	11528.5	1038.94842	1014.508	10.37565	14.06477
August	10153	914.98836	893.464	9.1377	12.38666
September	11105.3	1000.809636	977.2664	9.99477	13.548466
October	12082.4	1088.865888	1063.2512	10.87416	14.740528
November	13684.2	1233.220104	1204.2096	12.31578	16.694724
December	14448.2	1302.071784	1271.4416	13.00338	17.626804



Company car commuting

Number Plate	Total Mileage	Fuel	Engine (BHP)	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	WTT		T&D			
													Coefficient	kg CO ₂ e	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O
LD23 FDW	1000	Electricity	N/A	Large	0.07282	72.82	0.07192	71.92	0.00038	0.38	0.00052	0.52	0.0175	17.5	0.00643	0.00636	0.00003	0.00004

Company cars business travel

Number Plate	Distance (Miles)	Fuel type	Engine (BHP)	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	WTT		T&D			
													Coefficient	WTT - kg CO ₂ e	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O
OE72 YZT	223	Electricity	516	Large	0.07282	16.23886	0.07192	16.03816	0.00038	0.08474	0.00052	0.11596	0.0175	3.9025	1.43389	1.41828	0.00669	0.00892
PK70 VXZ	18	Electricity	402	Large	0.07282	1.31076	0.07192	1.29456	0.00038	0.00684	0.00052	0.00936	0.0175	0.315	0.11574	0.11448	0.00054	0.00072
WV72 YSF	4622	Electricity	469	Large	0.07282	336.57404	0.07192	332.41424	0.00038	1.75636	0.00052	2.40344	0.0175	80.885	29.71946	29.39592	0.13866	0.18488

Company cars personal travel

Number Plate	Distance (Miles)	Fuel type	Engine (BHP)	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	Coefficient	WTT - kg CO ₂ e	T&D			
															kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O
PK70 VXZ	0	Electricity	402	Large	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
WV72 YSF	0	Electricity	469	Large	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
OE72 YZT	0	Electricity	516	Large	0.07	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00

kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e	T&D losses - kg CO ₂ e
13,147.63	12,706.11	127.86	173.36	102.60	37.70

Annex C: Category 3.1 - Emissions from Upstream Transport and Distribution for Goods

Upstream Transport

Manufacturing Facilities

- Florence - Via dei Frilli, 25, 50019 Sesto Fiorentino FI, Italy
- Dresden - Menarini Von Heyden GmbH, Leipziger Str. 7-13, 01097 Dresden, Germany
- Berlin - A. Menarini Research & Business Service GmbH, BHKW Adlershof, Glienicker Weg 125-127, 12489 Berlin, Germany
- Barcelona (LMSA) - Grupo Menarini España, C. d'Alfons XII, 587, 08918 Badalona, Barcelona, Spain
- Teramo - ACS Dobfar S.p.A. - Nucleo Industriale S. Atto, S. Nicolò a Tordino (TE), Italy
- Pescara - Via Enrico fermi 1, 65020 Alanno, (PE), Italy
- L'Aquila - Via Campo di Pile - 67100, L'Aquila, Italy
- Janssen - Cilag S.p.A., Via C. Janssen (Borgo S. Michele), 04100 Latina (LT), Italy

Destination

All deliveries are to the pre-wholesaler: Movianto UK Limited, 1 Progress Park, Bedford, MK42 9XE.

Vehicles

Lorry

Model – Refrigerated articulated HGV (diesel).

Co-efficient – Assumed 'all arctics' and average laden to account for unknown return trip.

Rail

Model – International Rail

Co-efficient – 1 passenger

Airplane

Model – Short-haul, to/from UK

Co-efficient – tonne.km

Calculation

Table overleaf details the number of deliveries from each manufacturing facility and shows the calculation to establish the GHG emissions from upstream distribution.

Distance (km) Annual return trips Cumulative distance (km) Air Freight (Kg) Tonne.km Vehicle type						kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
						HGV Diesel, All arctics, average ladden				
						1.04817	1.03374	0.00015	0.01428	0.25395
						Freight flights, Short haul, with RF				
						1.66816	1.65986	0.00008	0.00822	0.20515
						Rail, international rail				
						0.00446	0.00441	0.00002	0.00003	0.00117
<u>Florence to Malpensa</u>										
363	1	726	N/A	N/A	Refrigerated Arctic HGV	760.97142	750.49524	0.1089	10.36728	184.3677
Malpensa to Heathrow										
969	1	1938	35.5	68.799	Airplane	114.7677398	114.1967081	0.00550392	0.56552778	14.11411485
Heathrow to Bedford										
92	1	184	N/A	N/A	Refrigerated Arctic HGV	192.86328	190.20816	0.0276	2.62752	46.7268
<u>Dresden to Calais</u>										
948	11	20856	N/A	N/A	Refrigerated Arctic HGV	21860.63352	21559.68144	3.1284	297.82368	5296.3812
<u>Berlin to Calais</u>										
937	1	1874	N/A	N/A	Refrigerated Arctic HGV	1964.27058	1937.22876	0.2811	26.76072	475.9023
<u>Barcelona to Calais</u>										
1324	2	5296	N/A	N/A	Refrigerated Arctic HGV	5551.10832	5474.68704	0.7944	75.62688	1344.9192
<u>Teramo to Calais</u>										
1559	1	3118	N/A	N/A	Refrigerated Arctic HGV	3268.19406	3223.20132	0.4677	44.52504	791.8161
<u>Pescara to Malpensa</u>										

652	1	1304	N/A	N/A	Refrigerated Arctic HGV	1366.81368	1347.99696	0.1956	18.62112	331.1508
Malpensa to Heathrow (air distance)	1	1938	169.15	327.8127	Airplane	546.8440336	544.1231882	0.026225016	2.694620394	67.25077541
969										
Heathrow to Bedford	1	184	N/A	N/A	Refrigerated Arctic HGV	192.86328	190.20816	0.0276	2.62752	46.7268
92										
<u>L'Aquila to Calais</u>	2	6504	N/A	N/A	Refrigerated Arctic HGV	6817.29768	6723.44496	0.9756	92.87712	1651.6908
1626										
<u>L'Aquila to Malpensa</u>										
665	1	1330	N/A	N/A	Refrigerated Arctic HGV	1394.0661	1374.8742	0.1995	18.9924	337.7535
Malpensa to Heathrow (air distance)										
969	1	1938	66.37	128.62506	Airplane	214.5671801	213.4995921	0.010290005	1.057297993	26.38743106
Heathrow to Bedford										
92	1	184	N/A	N/A	Refrigerated Arctic HGV	192.86328	190.20816	0.0276	2.62752	46.7268
<u>Latina to Calais</u>										
1674	28	93744	N/A	N/A	Refrigerated Arctic HGV	98259.64848	96906.92256	14.0616	1338.66432	23806.2888
<u>Calais to Folkestone</u>										
79	45	7110	N/A	N/A	Shuttle Train	31.7106	31.3551	0.1422	0.2133	8.3187
<u>Folkestone to Bedford</u>										
215	45	19350	N/A	N/A	Refrigerated Arctic HGV	20282.0895	20002.869	2.9025	276.318	4913.9325

		Totals			
kg CO ₂ e		kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
202,402.03		160,775.20	23.38	2,212.99	39,390.45

Annex D: Category 3.2 - Emissions from Downstream Transport and Distribution for Goods

Downstream Transport

Deliveries

All initial deliveries are from the Movianto site in Bedford to their hub in Tamworth, prior to onward distribution to the various wholesalers and purchasers who purchase product in bulk.

All wholesaler addresses and number of deliveries are included in the calculation table overleaf.

Data is extracted from online portal with total number of units per wholesale customer.

Deliveries to addresses in Northern Ireland include a ferry crossing between Heysham and Belfast, Scotland. The emission factors used for these crossings were for a ferry car passenger under business travel – sea.

Vehicles

All initial journeys are conducted by refrigerated Articulated HGVs (diesel) using the same types and coefficients as upstream distribution, i.e., all arctics and assumed average laden to account for unknown return trip.

All onward journeys are completed by refrigerated rigid vehicles (>3.5 - 7.5 tonnes) (diesel). Also assumed average laden to account for unknown return trip.

Calculation

Overleaf

Pre-wholesaler to Hub										
Customer Name	Post Code	Number of deliveries	Road distance from pre-wholesaler (km)	Total return distance (km)	Cumulative Distance (km)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
						Coefficients				
						1.05	1.03	0.00	0.01	0.25395
Phoenix Healthcare Distribution Ltd	AB12 3LE	37	129	258	9546	10,005.83	9,868.08	1.43	136.32	2,424.21
AAH Pharmaceuticals Ltd	AB12 3LU	0	129	258	0	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	AL2 2DQ	47	129	258	12126	12,710.11	12,535.13	1.82	173.16	3,079.40
Phoenix Healthcare Distribution Ltd	B46 1DA	84	129	258	21672	22,715.94	22,403.21	3.25	309.48	5,503.60
AAH 406P Pharmaceuticals Ltd	B6 7UG	59	129	258	15222	15,955.24	15,735.59	2.28	217.37	3,865.63
Lexon UK Ltd	B98 ORE	22	129	258	5676	5,949.41	5,867.51	0.85	81.05	1,441.42
Lexon UK Ltd	B98 ORF	17	129	258	4386	4,597.27	4,533.98	0.66	62.63	1,113.82
Phoenix Healthcare Distribution Ltd	BR8 8NJ	32	129	258	8256	8,653.69	8,534.56	1.24	117.90	2,096.61
AAH 501G Pharmaceuticals Ltd	BS2 OXJ	59	129	258	15222	15,955.24	15,735.59	2.28	217.37	3,865.63
Alliance Healthcare (Dist) Ltd	BT3 9JQ	42	129	258	10836	11,357.97	11,201.61	1.63	154.74	2,751.80
Phoenix Healthcare Distribution Ltd	BT5 6QR	60	129	258	15480	16,225.67	16,002.30	2.32	221.05	3,931.15
AAH 108Q Pharmaceuticals Ltd	BT5 6SR	59	129	258	15222	15,955.24	15,735.59	2.28	217.37	3,865.63
Phoenix Healthcare Distribution Ltd	CF15 5JN	0	129	258	0	-	-	-	-	-
Alliance Healthcare (Dist) Ltd 02	CR9 ODB	39	129	258	10062	10,546.69	10,401.49	1.51	143.69	2,555.24
Alliance Healthcare (Dist) Ltd	DE55 2DT	49	129	258	12642	13,250.97	13,068.54	1.90	180.53	3,210.44
Lexon UK Ltd	DL17 OPD	20	129	258	5160	5,408.56	5,334.10	0.77	73.68	1,310.38
Alliance Healthcare (Dist) Ltd 16	EX2 8QW	39	129	258	10062	10,546.69	10,401.49	1.51	143.69	2,555.24

AAH Pharmaceuticals Ltd	G42 OPH	55	129	258	14190	14,873.53	14,668.77	2.13	202.63	3,603.55
Phoenix Healthcare Distribution Ltd	G75 OYA	79	129	258	20382	21,363.80	21,069.69	3.06	291.05	5,176.01
Drugs R Us Limited	HA1 1XD	18	129	258	4644	4,867.70	4,800.69	0.70	66.32	1,179.34
AAH 703M Pharmaceuticals Ltd	HA4 OJP	60	129	258	15480	16,225.67	16,002.30	2.32	221.05	3,931.15
Alliance Healthcare (Dist) Ltd 01	KT9 1SN	45	129	258	11610	12,169.25	12,001.72	1.74	165.79	2,948.36
Alliance Healthcare (Dist) Ltd 05	LE10 3BS	55	129	258	14190	14,873.53	14,668.77	2.13	202.63	3,603.55
Phoenix Healthcare Distribution Ltd	LL13 7TF	0	129	258	0	-	-	-	-	-
Alliance Healthcare (Dist) Ltd 06	LS11 0LR	41	129	258	10578	11,087.54	10,934.90	1.59	151.05	2,686.28
Lexon UK Ltd	LS12 6LS	19	129	258	4902	5,138.13	5,067.39	0.74	70.00	1,244.86
AAH 201D Pharmaceuticals Ltd	LS27 OYD	56	129	258	14448	15,143.96	14,935.48	2.17	206.32	3,669.07
Alliance Healthcare (Dist) Ltd	ML5 5AW	36	129	258	9288	9,735.40	9,601.38	1.39	132.63	2,358.69
Alliance Healthcare (Dist) Ltd 10	NE5 2TF	28	129	258	7224	7,571.98	7,467.74	1.08	103.16	1,834.53
AAH 204J Pharmaceuticals Ltd	NE8 4YR	0	129	258	0	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	NR7 9BB	65	129	258	16770	17,577.81	17,335.82	2.52	239.48	4,258.74
Phoenix Healthcare Distribution Ltd	PL7 5JY	25	129	258	6450	6,760.70	6,667.62	0.97	92.11	1,637.98
Phoenix Healthcare Distribution Ltd	PO6 1UP	70	129	258	18060	18,929.95	18,669.34	2.71	257.90	4,586.34
Alliance Healthcare (Dist) Ltd 09	PR5 8AE	46	129	258	11868	12,439.68	12,268.43	1.78	169.48	3,013.88
AAH 706S Pharmaceuticals Ltd	RM3 8SU	59	129	258	15222	15,955.24	15,735.59	2.28	217.37	3,865.63
Alliance Healthcare (Dist) Ltd 08	SA5 4HA	34	129	258	8772	9,194.55	9,067.97	1.32	125.26	2,227.65
AAH 504M Pharmaceuticals Ltd	SA7 0AH	53	129	258	13674	14,332.68	14,135.36	2.05	195.26	3,472.51
Alliance Healthcare (Dist) Ltd 04	SG6 2HB	49	129	258	12642	13,250.97	13,068.54	1.90	180.53	3,210.44

AAH 908B Pharmaceuticals Ltd	SO40 3SZ	52	129	258	13416	14,062.25	13,868.66	2.01	191.58	3,406.99
AAH 602J Pharmaceuticals Ltd	TN40 2JP	54	129	258	13932	14,603.10	14,402.07	2.09	198.95	3,538.03
AAH 502X Pharmaceuticals Ltd	TQ3 2HU	0	129	258	0	-	-	-	-	-
LAXMICO LIMITED	UB6 7JD	25	129	258	6450	6,760.70	6,667.62	0.97	92.11	1,637.98
AAH 305M Pharmaceuticals Ltd	WA2 8UH	61	129	258	15738	16,496.10	16,269.00	2.36	224.74	3,996.67
Phoenix Healthcare Distribution Ltd	WA7 3DJ	78	129	258	20124	21,093.37	20,802.98	3.02	287.37	5,110.49
Phoenix Healthcare Distribution Ltd	WF3 4BY	92	129	258	23736	24,879.36	24,536.85	3.56	338.95	6,027.76
CST Pharma Limited	WS9 8ER	35	129	258	9030	9,464.98	9,334.67	1.35	128.95	2,293.17
Phoenix Healthcare Distribution Ltd	YO31 9BL	0	129	258	0	-	-	-	-	-

Hub to customer								
Customer Name	Road distance from hub (km)	Total return distance (km)	Cumulative Distance (km)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
				Coefficients				
				0.58033	0.57490	0.00011	0.00532	0.14138
Phoenix Healthcare Distribution Ltd	687.52	1375.04	50876.48	29,525.15	29,248.89	5.60	270.66	7,192.92
AAH Pharmaceuticals Ltd	687.92	1375.84	0	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	186	372	17484	10,146.49	10,051.55	1.92	93.01	2,471.89
Phoenix Healthcare Distribution Ltd	14.4	28.8	2419.2	1,403.93	1,390.80	0.27	12.87	342.03
AAH 406P Pharmaceuticals Ltd	107.84	215.68	12725.12	7,384.77	7,315.67	1.40	67.70	1,799.08
Lexon UK Ltd	104.32	208.64	4590.08	2,663.76	2,638.84	0.50	24.42	648.95
Lexon UK Ltd	104.16	208.32	3541.44	2,055.20	2,035.97	0.39	18.84	500.69
Phoenix Healthcare Distribution Ltd	237.28	474.56	15185.92	8,812.84	8,730.39	1.67	80.79	2,146.99

AAH 501G Pharmaceuticals Ltd	184.24	368.48	21740.32	12,616.56	12,498.51	2.39	115.66	3,073.65
Alliance Healthcare (Dist) Ltd	244.96	489.92	20576.64	11,941.24	11,829.51	2.26	109.47	2,909.13
Phoenix Healthcare Distribution Ltd	251.36	502.72	30163.2	17,504.61	17,340.82	3.32	160.47	4,264.47
AAH 108Q Pharmaceuticals Ltd	250.4	500.8	29547.2	17,147.13	16,986.69	3.25	157.19	4,177.38
Phoenix Healthcare Distribution Ltd	229.92	459.84	0	-	-	-	-	-
Alliance Healthcare (Dist) Ltd 02	257.44	514.88	20080.32	11,653.21	11,544.18	2.21	106.83	2,838.96
Alliance Healthcare (Dist) Ltd	136.4	272.8	13367.2	7,757.39	7,684.80	1.47	71.11	1,889.85
Lexon UK Ltd	396.48	792.96	15859.2	9,203.57	9,117.45	1.74	84.37	2,242.17
Alliance Healthcare (Dist) Ltd 16	291.36	582.72	22726.08	13,188.63	13,065.22	2.50	120.90	3,213.01
AAH Pharmaceuticals Ltd	479.04	958.08	52694.4	30,580.14	30,294.01	5.80	280.33	7,449.93
Phoenix Healthcare Distribution Ltd	479.44	958.88	75751.52	43,960.88	43,549.55	8.33	403.00	10,709.75
Drugs R Us Limited	202.16	404.32	7277.76	4,223.50	4,183.98	0.80	38.72	1,028.93
AAH 703M Pharmaceuticals Ltd	194.32	388.64	23318.4	13,532.37	13,405.75	2.57	124.05	3,296.76
Alliance Healthcare (Dist) Ltd 01	259.68	519.36	23371.2	13,563.01	13,436.10	2.57	124.33	3,304.22
Alliance Healthcare (Dist) Ltd 05	18.72	37.44	2059.2	1,195.02	1,183.83	0.23	10.95	291.13
Phoenix Healthcare Distribution Ltd	213.76	427.52	0	-	-	-	-	-
Alliance Healthcare (Dist) Ltd 06	222	444	18204	10,564.33	10,465.48	2.00	96.85	2,573.68
Lexon UK Ltd	220.96	441.92	8396.48	4,872.73	4,827.14	0.92	44.67	1,187.09
AAH 201D Pharmaceuticals Ltd	225.92	451.84	25303.04	14,684.11	14,546.72	2.78	134.61	3,577.34
Alliance Healthcare (Dist) Ltd	462.64	925.28	33310.08	19,330.84	19,149.96	3.66	177.21	4,709.38
Alliance Healthcare (Dist) Ltd 10	348.72	697.44	19528.32	11,332.87	11,226.83	2.15	103.89	2,760.91
AAH 204J Pharmaceuticals Ltd	358	716	0	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	298.8	597.6	38844	22,542.34	22,331.42	4.27	206.65	5,491.76
Phoenix Healthcare Distribution Ltd	346.96	693.92	17348	10,067.56	9,973.37	1.91	92.29	2,452.66
Phoenix Healthcare Distribution Ltd	253.12	506.24	35436.8	20,565.04	20,372.62	3.90	188.52	5,010.05
Alliance Healthcare (Dist) Ltd 09	170.64	341.28	15698.88	9,110.53	9,025.29	1.73	83.52	2,219.51
AAH 706S Pharmaceuticals Ltd	254.24	508.48	30000.32	17,410.09	17,247.18	3.30	159.60	4,241.45
Alliance Healthcare (Dist) Ltd 08	295.2	590.4	20073.6	11,649.31	11,540.31	2.21	106.79	2,838.01

AAH 504M Pharmaceuticals Ltd	287.2	574.4	30443.2	17,667.10	17,501.80	3.35	161.96	4,304.06
Alliance Healthcare (Dist) Ltd 04	160.96	321.92	15774.08	9,154.17	9,068.52	1.74	83.92	2,230.14
AAH 908B Pharmaceuticals Ltd	245.28	490.56	25509.12	14,803.71	14,665.19	2.81	135.71	3,606.48
AAH 602J Pharmaceuticals Ltd	316.56	633.12	34188.48	19,840.60	19,654.96	3.76	181.88	4,833.57
AAH 502X Pharmaceuticals Ltd	323.44	646.88	0	-	-	-	-	-
LAXMICO LIMITED	197.44	394.88	9872	5,729.02	5,675.41	1.09	52.52	1,395.70
AAH 305M Pharmaceuticals Ltd	147.68	295.36	18016.96	10,455.78	10,357.95	1.98	95.85	2,547.24
Phoenix Healthcare Distribution Ltd	170.32	340.64	26569.92	15,419.32	15,275.05	2.92	141.35	3,756.46
Phoenix Healthcare Distribution Ltd	236.08	472.16	43438.72	25,208.79	24,972.92	4.78	231.09	6,141.37
CST Pharma Limited	27.2	54.4	1904	1,104.95	1,094.61	0.21	10.13	269.19
Phoenix Healthcare Distribution Ltd	216.96	433.92	0	-	-	-	-	-

Hub to customer								
Customer Name	Ferry			kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
	Heysham - Belfast ferry (km)	Total return distance (km)	Cumulative distance (km)	Coefficients				
				0.12933	0.12774	0.00004	0.00155	0.02932
Phoenix Healthcare Distribution Ltd	140	280	11760	-	-	-	-	-
AAH Pharmaceuticals Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
AAH 406P Pharmaceuticals Ltd				-	-	-	-	-
Lexon UK Ltd				-	-	-	-	-
Lexon UK Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
AAH 501G Pharmaceuticals Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd				1,520.92	1,502.22	0.47	18.23	344.80

Phoenix Healthcare Distribution Ltd	140	280	16800	2,172.74	2,146.03	0.67	26.04	492.58
AAH 108Q Pharmaceuticals Ltd	140	280	16520	2,136.53	2,110.26	0.66	25.61	484.37
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 02				-	-	-	-	-
Alliance Healthcare (Dist) Ltd				-	-	-	-	-
Lexon UK Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 16				-	-	-	-	-
AAH Pharmaceuticals Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Drugs R Us Limited				-	-	-	-	-
AAH 703M Pharmaceuticals Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 01				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 05				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 06				-	-	-	-	-
Lexon UK Ltd				-	-	-	-	-
AAH 201D Pharmaceuticals Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 10				-	-	-	-	-
AAH 204J Pharmaceuticals Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Phoenix Healthcare Distribution Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 09				-	-	-	-	-
AAH 706S Pharmaceuticals Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 08				-	-	-	-	-
AAH 504M Pharmaceuticals Ltd				-	-	-	-	-
Alliance Healthcare (Dist) Ltd 04				-	-	-	-	-



AAH 908B Pharmaceuticals Ltd	-	-	-	-	-
AAH 602J Pharmaceuticals Ltd	-	-	-	-	-
AAH 502X Pharmaceuticals Ltd	-	-	-	-	-
LAXMICO LIMITED	-	-	-	-	-
AAH 305M Pharmaceuticals Ltd	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	-	-	-	-	-
CST Pharma Limited	-	-	-	-	-
Phoenix Healthcare Distribution Ltd	-	-	-	-	-

<u>Totals</u>					-
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e	
<u>1,337,438.76</u>	1,063,671.87	180.12	12,237.27	261,349.51	

Annex E: Category 3.3 - Emissions from Employee Commuting

Commuting

Staff

80 total staff - 28 office based and 52 remote.

Office days

253 working days in 2024

Office based staff split days between office and homeworking.

Remote staff typically spend 4 days per week travelling and 1 day per week working from home.

Calculation

Overleaf.

Office based staff commuting

Head Office	Postcode	Employee Number	Car Allowance	Company Car	Registration Number	Home to work Mileage	Comments	Days in the office	Annual days in the office	Minus annual leave	Rounded	Total Mileage	Model	Fuel	Engine Size	Engine	Size	Coefficient	kg CO ₂ e	Coefficient	kg CO ₂ e of CO ₂	Coefficient	kg CO ₂ e of CH ₄	Coefficient	kg CO ₂ e of N ₂ O	WTT	
																										Coefficient	kg CO ₂ e2
HO	SL4 4QS	539	Yes	No	X22 BRN	6	In the office 3 days a week	3	151.8	136.8	137	1644.00	Golf gt rdi 140 s-a	Diesel	1968 cc	1968	Large	0.33362	548.47	0.33	544.03	0.00	0.02	0.00	4.42	0.08	134.13
HO	SL6 8PF	534	Yes	No	EO70 ODE	63	In the office 0 days a week	0	0	0	0	0.00	Glb 220 amg line prem d 4m	Diesel	1950cc	1950	Large	0.33362	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.08	0.00
HO	HP20 1BE	717	No	No	GY14 RGV	6.8	In the office 3 days a week	3	151.8	136.8	137	1863.20	Qashqai acenta premium dci	Diesel	1461cc	1461	Medium	0.27050	504.00	0.27	498.96	0.00	0.02	0.00	5.01	0.07	123.03
HO	L318DY	702	Yes	No	GJ74 Z2C	118	In the office 3 days a week	3	151.8	136.8	137	32332.00	ID4 Match Pro	Electric	N/A	N/A	Large	0.07925	2562.31	0.08	2530.95	0.00	13.26	0.00	18.11	0.02	565.81
HO	SS15 6LX	630	Yes	No	SM74 BCZ	5.6	In the office 3 days a week	3	151.8	136.8	137	1534.40	4 Trophy	Electric	N/A	N/A	Large	0.07925	121.60	0.08	120.11	0.00	0.63	0.00	0.86	0.02	26.65
HO	HP12 4NS	533	No	No	VN74 MKD	2.7	In the office 2 days a week	2	101.2	91.2	91	491.40	Macan 4S Electric	Electric	N/A	N/A	Large	0.07925	38.94	0.08	38.47	0.00	0.20	0.00	0.28	0.02	8.60
HO	LU7 9AP	700	Yes	No	RO24 XOB	5.2	In the office 5 days a week	5	253	228	228	2371.20	500e	Electric	N/A	N/A	Large	0.07925	187.92	0.08	185.62	0.00	0.97	0.00	1.33	0.02	41.50
HO	HP13 7SB	720	Yes	No	EA71 LFE	5.5	In the office 4 days a week	4	202.4	182.4	182	2002.00	k3 premier edition pro	Electric	N/A	N/A	Large	0.07925	158.66	0.08	156.72	0.00	0.82	0.00	1.12	0.02	35.04
HO	TW15 1UQ	706	Yes	No	LL72 XTJ	3.6	In the office 3 days a week	3	151.8	136.8	137	986.40	330e m sport auto	Hybrid electric	1998 cc	1998	Large	0.24921	245.82	0.25	243.56	0.00	0.16	0.00	2.10	0.06	62.87
HO	SL2 3PF	650	No	No	PX17 LTA	36.6	In the office 2 days a week	2	101.2	91.2	91	6661.20	Rav4	Hybrid electric	2494cc	2494	Large	0.24921	1660.04	0.25	1644.78	0.00	1.07	0.00	14.19	0.06	424.58
HO	SL6 8DX	719	No	No	FP71 LUA	8	In the office 3 days a week	3	151.8	136.8	137	2192.00	A 250 amg line premium + e a	Hybrid electric	1332cc	1332	Medium	0.18492	405.34	0.18	401.07	0.00	0.59	0.00	3.68	0.05	105.74
HO	HP9 2XU	701	No	No	LM23 CVJ	5.5	In the office 3 days a week	3	151.8	136.8	137	1507.00	Seat c	Hybrid electric	999cc	999	Small	0.18143	273.42	0.18	270.97	0.00	0.57	0.00	1.87	0.05	73.39
HO	HP13 5JZ	609	No	No	WR67 VEM	22.6	In the office 3 days a week	3	151.8	136.8	137	6192.40	c	Petrol	1991cc	1991	Large	0.43267	2679.27	0.43	2672.52	0.00	3.53	0.00	3.22	0.12	750.21
HO	HP1 3AF	714	Yes	No	YG19 PAU	85	In the office 2 days a week	2	101.2	91.2	91	15470.00	C	Petrol	1991cc	1991	Large	0.43267	6693.40	0.43	6676.54	0.00	8.82	0.00	8.04	0.12	1874.19
HO	SL2 5XW	298	Yes	No	RK24 ULJ	5.6	In the office 5 days a week	5	253	228	228	2553.60	Grandland	Petrol	1199 cc	1199	Medium	0.28526	728.44	0.28	725.66	0.00	1.46	0.00	1.33	0.08	203.70
HO	PE27 6AD	605	No	No	BU67 GKJ	2.9	In the office 3 days a week	3	151.8	136.8	137	794.60	Adam	Petrol	1398cc	1398	Medium	0.28526	226.67	0.28	225.80	0.00	0.45	0.00	0.41	0.08	63.39
HO	HP11 1GW	687	No	No	EG18 GHH	25.6	In the office 3 days a week	3	151.8	136.8	137	7014.40	C4 cactus	Petrol	1200cc	1200	Medium	0.28526	2000.93	0.28	1993.28	0.00	4.00	0.00	3.65	0.08	559.54
HO	Tw20 0PX	645	Yes	No	T564 SMV	0.3	In the office 3 days a week	3	151.8	136.8	137	82.20	A-class	Petrol	1598cc	1598	Medium	0.28526	23.45	0.28	23.36	0.00	0.05	0.00	0.04	0.08	6.56
HO	HP10 0FN	540	Yes	No	LA68 UHO	15.7	In the office 3 days a week	3	151.8	136.8	137	4301.80	Golf	Petrol	1498cc	1498	Medium	0.28526	1227.13	0.28	1222.44	0.00	2.45	0.00	2.24	0.08	343.15
HO	HP2 5SN	718	No	No	YE70 WND	199	In the office 0 days a week	0	0	0	0	0.00	118	Petrol	1499cc	1499	Medium	0.28526	0.00	0.28	0.00	0.00	0.00	0.00	0.00	0.08	0.00
HO	SL9 9LZ	558	Yes	No	LT73 KUW	21.7	In the office 3 days a week	3	151.8	136.8	137	5945.80	Volkswagen	Petrol	999cc	999	Small	0.23126	1375.03	0.23	1368.54	0.00	3.39	0.00	3.09	0.06	384.16

Remote staff homeworking

Employee Number	Days on the road	Days working from home	Annual days working from home	Rounded	Minus annual leave2	Hours	Coefficient	kg CO2e
1	4	1	50.6	51	46	368	0.33378	122.83104
2	4	1	50.6	51	46	368	0.33378	122.83104
3	4	1	50.6	51	46	368	0.33378	122.83104
4	4	1	50.6	51	46	368	0.33378	122.83104
5	4	1	50.6	51	46	368	0.33378	122.83104
6	4	1	50.6	51	46	368	0.33378	122.83104
7	4	1	50.6	51	46	368	0.33378	122.83104
8	4	1	50.6	51	46	368	0.33378	122.83104
9	4	1	50.6	51	46	368	0.33378	122.83104
10	4	1	50.6	51	46	368	0.33378	122.83104
11	4	1	50.6	51	46	368	0.33378	122.83104
12	4	1	50.6	51	46	368	0.33378	122.83104
13	4	1	50.6	51	46	368	0.33378	122.83104
14	4	1	50.6	51	46	368	0.33378	122.83104
15	4	1	50.6	51	46	368	0.33378	122.83104
16	4	1	50.6	51	46	368	0.33378	122.83104
17	4	1	50.6	51	46	368	0.33378	122.83104
18	4	1	50.6	51	46	368	0.33378	122.83104
19	4	1	50.6	51	46	368	0.33378	122.83104
20	4	1	50.6	51	46	368	0.33378	122.83104
21	4	1	50.6	51	46	368	0.33378	122.83104
22	4	1	50.6	51	46	368	0.33378	122.83104
23	4	1	50.6	51	46	368	0.33378	122.83104
24	4	1	50.6	51	46	368	0.33378	122.83104
25	4	1	50.6	51	46	368	0.33378	122.83104
26	4	1	50.6	51	46	368	0.33378	122.83104
27	4	1	50.6	51	46	368	0.33378	122.83104
28	4	1	50.6	51	46	368	0.33378	122.83104
29	4	1	50.6	51	46	368	0.33378	122.83104
30	4	1	50.6	51	46	368	0.33378	122.83104
31	4	1	50.6	51	46	368	0.33378	122.83104
32	4	1	50.6	51	46	368	0.33378	122.83104
33	4	1	50.6	51	46	368	0.33378	122.83104
34	4	1	50.6	51	46	368	0.33378	122.83104
35	4	1	50.6	51	46	368	0.33378	122.83104
36	4	1	50.6	51	46	368	0.33378	122.83104
37	4	1	50.6	51	46	368	0.33378	122.83104
38	4	1	50.6	51	46	368	0.33378	122.83104
39	4	1	50.6	51	46	368	0.33378	122.83104

40	4	1	50.6	51	46	368	0.33378	122.83104
41	4	1	50.6	51	46	368	0.33378	122.83104
42	4	1	50.6	51	46	368	0.33378	122.83104
43	4	1	50.6	51	46	368	0.33378	122.83104
44	4	1	50.6	51	46	368	0.33378	122.83104
45	4	1	50.6	51	46	368	0.33378	122.83104
46	4	1	50.6	51	46	368	0.33378	122.83104
47	4	1	50.6	51	46	368	0.33378	122.83104
48	4	1	50.6	51	46	368	0.33378	122.83104
49	4	1	50.6	51	46	368	0.33378	122.83104
50	4	1	50.6	51	46	368	0.33378	122.83104
51	4	1	50.6	51	46	368	0.33378	122.83104
52	4	1	50.6	51	46	368	0.33378	122.83104

Office staff homeworking

Employee Number	Company Car	Registration Number	Days in the office	Days working from home	Annual days working from home	Rounded	Minus annual leave	Hours	Coefficient	kg CO ₂ e
724	Yes	BL25 RYM	3	2	101.2	101	91	728	0.33378	242.99
536	Yes	LY03 KFJ	3	2	101.2	101	91	728	0.33378	242.99
530	Yes	LA68 UHO	3	2	101.2	101	91	728	0.33378	242.99
528	Yes	CDE 276X	3	2	101.2	101	91	728	0.33378	242.99
326	Yes	YB61 OJX	2	3	151.8	152	137	1096	0.33378	365.82

Employee Number	Company Car	Registration Number	Days in the office	Days working from home	Annual days working from home	Rounded	Minus annual leave	Hours	Coefficient	kg CO ₂ e
539	No	X22 BRN	3	2	101.2	101	91	728	0.33378	242.99
534	No	EO70 OOE	0	5	253	253	228	1824	0.33378	608.81
717	No	GY14 RGV	3	2	101.2	101	91	728	0.33378	242.99
702	No	GJ74 ZZC	3	2	101.2	101	91	728	0.33378	242.99
630	No	SM74 BCZ	3	2	101.2	101	91	728	0.33378	242.99
533	No	VN74 MKD	2	3	151.8	152	137	1096	0.33378	365.82
700	No	RO24 XOB	5	0	0	0	0	0	0.33378	0.00
720	No	EA71 LFE	4	1	50.6	51	46	368	0.33378	122.83
706	No	LL72 XTJ	3	2	101.2	101	91	728	0.33378	242.99
650	No	PX17 LTA	2	3	151.8	152	137	1096	0.33378	365.82
719	No	FP71 LUA	3	2	101.2	101	91	728	0.33378	242.99
701	No	LM23 CVJ	3	2	101.2	101	91	728	0.33378	242.99

609	No	WR67 VEM	3	2	101.2	101	91	728	0.33378	242.99
714	No	YG19 PAU	2	3	151.8	152	137	1096	0.33378	365.82
298	No	RK24 ULJ	5	0	0	0	0	0	0.33378	0.00
605	No	BU67 GKJ	3	2	101.2	101	91	728	0.33378	242.99
687	No	EG18 GHH	3	2	101.2	101	91	728	0.33378	242.99
645	No	T564 SMV	3	2	101.2	101	91	728	0.33378	242.99
540	No	LA68 UHO	3	2	101.2	101	91	728	0.33378	242.99
718	No	YE70 WND	0	5	253	253	228	1824	0.33378	608.81
558	No	LT73 KUW	3	2	101.2	101	91	728	0.33378	242.99

Totals				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
40,769.09	21,543.39	42.45	74.99	5,786.44

Annex F: Category 3.5 – Emissions from business travel

Airplus Invs

International Short Haul Flights

Calculation Overleaf

SOL_25_S001_MEN

SOL_25_S001_MEN

SOL_25_S001_MEN

London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
London City	Florence	742.40	1484.80	2389.55	436.98	434.80	0.02	2.15	54.6251
Luton	Pisa	754.30	1508.60	2427.85	443.98	441.77	0.02	2.19	55.5007
Heathrow	Florence	757.80	1515.60	2439.12	446.04	443.82	0.02	2.20	55.7582
Heathrow	Madrid	772.60	1545.20	2486.75	454.75	452.49	0.02	2.24	56.8472
Heathrow	Madrid	772.60	1545.20	2486.75	454.75	452.49	0.02	2.24	56.8472
Heathrow	Madrid	772.60	1545.20	2486.75	454.75	452.49	0.02	2.24	56.8472
Heathrow	Madrid	772.60	1545.20	2486.75	454.75	452.49	0.02	2.24	56.8472
Heathrow	Madrid	772.60	1545.20	2486.75	454.75	452.49	0.02	2.24	56.8472
Bristol	Pisa	809.80	1619.60	2606.49	476.65	474.28	0.03	2.35	59.5843

Bristol	Pisa	809.80	1619.60	2606.49	476.65	474.28	0.03	2.35	59.5843
Bristol	Pisa	809.80	1619.60	2606.49	476.65	474.28	0.03	2.35	59.5843
Bristol	Pisa	809.80	1619.60	2606.49	476.65	474.28	0.03	2.35	59.5843
Bristol	Pisa	809.80	1619.60	2606.49	476.65	474.28	0.03	2.35	59.5843
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Birmingham	Florence	843.50	1687.00	2714.96	496.48	494.01	0.03	2.44	62.0639
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Manchester	Florence	900.80	1801.60	2899.39	530.21	527.57	0.03	2.61	66.2800
Leeds Bradford	Florence	906.70	1813.40	2918.38	533.68	531.03	0.03	2.63	66.7141
Leeds Bradford	Florence	906.70	1813.40	2918.38	533.68	531.03	0.03	2.63	66.7141

Leeds Bradford	Florence	906.70	1813.40	2918.38	533.68	531.03	0.03	2.63	66.7141
Teesside Airport	Florence	932.20	1864.40	3000.45	548.69	545.96	0.03	2.70	68.5904
Teesside Airport	Florence	932.20	1864.40	3000.45	548.69	545.96	0.03	2.70	68.5904
Edinburgh	Florence	1057.40	2114.80	3403.43	622.39	619.29	0.03	3.06	77.8025
Edinburgh	Florence	1057.40	2114.80	3403.43	622.39	619.29	0.03	3.06	77.8025
Glasgow	Madrid	1063.30	2126.60	3422.42	625.86	622.74	0.03	3.08	78.2366
Belfast	Florence	1082.30	2164.60	3483.58	637.04	633.87	0.03	3.14	79.6346
Belfast	Florence	1082.30	2164.60	3483.58	637.04	633.87	0.03	3.14	79.6346
Belfast	Florence	1082.30	2164.60	3483.58	637.04	633.87	0.03	3.14	79.6346
Aberdeen	Florence	1093.80	2187.60	3520.59	643.81	640.61	0.04	3.17	80.4807
Manchester	Dublin	165.20	165.20	265.86	48.62	48.38	0.00	0.24	6.0776
Dublin	Leeds	191.90	191.90	308.83	56.48	56.20	0.00	0.28	7.0599
Dublin	Birmingham	200.40	200.40	322.51	58.98	58.68	0.00	0.29	7.3726
Dublin	Heathrow	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Dublin	Heathrow	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Dublin	Heathrow	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Dublin	Heathrow	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Dublin	Heathrow	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Dublin	Heathrow	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974
Heathrow	Dublin	279.90	279.90	450.45	82.37	81.96	0.00	0.41	10.2974

Paris	Bristol	285.30	285.30	459.14	83.96	83.55	0.00	0.41	10.4960
Dublin	Stanstead	293.30	293.30	472.02	86.32	85.89	0.00	0.42	10.7904
Dublin	Paris	488.80	488.80	786.65	143.85	143.14	0.01	0.71	17.9827
Berlin	Milan	514.20	514.20	827.52	151.33	150.58	0.01	0.74	18.9172
Nice	Heathrow	647.40	647.40	1041.89	190.53	189.58	0.01	0.94	23.8175
Florence	Gatwick	734.50	734.50	1182.06	216.16	215.09	0.01	1.06	27.0219
Gatwick	Florence	734.50	734.50	1182.06	216.16	215.09	0.01	1.06	27.0219
Florence	London City	742.40	742.40	1194.77	218.49	217.40	0.01	1.08	27.3125
Florence	London City	742.40	742.40	1194.77	218.49	217.40	0.01	1.08	27.3125
Florence	London City	742.40	742.40	1194.77	218.49	217.40	0.01	1.08	27.3125
London City	Florence	742.40	742.40	1194.77	218.49	217.40	0.01	1.08	27.3125
Luton	Pisa	754.30	754.30	1213.93	221.99	220.89	0.01	1.09	27.7503
Florence	Birmingham	843.50	843.50	1357.48	248.24	247.01	0.01	1.22	31.0320
Manchester	Venice	850.90	850.90	1369.39	250.42	249.17	0.01	1.23	31.3042
Manchester	Venice	850.90	850.90	1369.39	250.42	249.17	0.01	1.23	31.3042
Madrid	Manchester	890.40	890.40	1432.96	262.04	260.74	0.01	1.29	32.7574
Florence	Manchester	900.80	900.80	1449.69	265.11	263.79	0.01	1.30	33.1400
Birmingham	Rome	995.90	995.90	1602.74	293.09	291.63	0.02	1.44	36.6387
Florence	Dublin	1035.40	1035.40	1666.31	304.72	303.20	0.02	1.50	38.0919
Manchester	Rome	1054.20	1054.20	1696.57	310.25	308.71	0.02	1.53	38.7835
Dublin	Rome	1185.50	1185.50	1907.87	348.89	347.16	0.02	1.72	43.6140

From	To	Distance (Miles)	Single/Return	Distance (KMs)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
					0.18	0.18	0.00	0.00	0.02286
Heathrow Florence	Rome London city	1719.40	1719.40	2767.10	506.02	503.50	0.03	2.49	63.2559
Dublin Birmingham	Manchester Dublin	365.60	365.60	588.37	107.60	107.06	0.01	0.53	13.4502
Dublin Manchester	Birmingham Dublin	365.60	365.60	588.37	107.60	107.06	0.01	0.53	13.4502
Dublin Heathrow	Manchester Dublin	445.10	445.10	716.32	130.99	130.34	0.01	0.64	16.3750
Dublin Heathrow	Manchester Dublin	445.10	445.10	716.32	130.99	130.34	0.01	0.64	16.3750
Dublin Heathrow	Manchester Dublin	445.10	445.10	716.32	130.99	130.34	0.01	0.64	16.3750
Dublin Manchester	Heathrow Dublin	445.10	445.10	716.32	130.99	130.34	0.01	0.64	16.3750
Dublin Manchester	Heathrow Dublin	445.10	445.10	716.32	130.99	130.34	0.01	0.64	16.3750
Dublin Glasgow	Heathrow Dublin	464.70	464.70	747.86	136.76	136.08	0.01	0.67	17.0961
Dublin Birmingham	Heathrow Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700
Dublin Birmingham	Heathrow Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700
Dublin Birmingham	Heathrow Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700

Dublin Birmingham	Heathrow Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700
Dublin Heathrow	Birmingham Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700
Dublin Heathrow	Birmingham Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700
Dublin Heathrow	Birmingham Dublin	480.30	480.30	772.97	141.35	140.65	0.01	0.70	17.6700
Dublin Bristol	Heathrow Dublin	485.80	485.80	781.82	142.97	142.26	0.01	0.70	17.8723

Long Haul

From	To	Distance (Miles)	Single/Return	Distance (KMs)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
					0.58	0.58	0.00	0.00	0.07137
Birmingham	Chicago	3872.90	7745.80	12465.63	7233.55	7197.78	0.25	35.53	889.6717113

Domestic

From	To	Distance (Miles)	Single/Return	Distance (KMs)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
					0.27	0.27	0.00	0.00	0.0335
Edinburgh	Belfast	135.00	270.00	434.52	118.44	117.76	0.10	0.58	14.5564803
Edinburgh	Belfast	135.00	270.00	434.52	118.44	117.76	0.10	0.58	14.5564803
Edinburgh	Belfast	135.00	270.00	434.52	118.44	117.76	0.10	0.58	14.5564803
Edinburgh	Belfast	135.00	270.00	434.52	118.44	117.76	0.10	0.58	14.5564803
Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536
Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536
Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536

Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536
Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536
Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536
Manchester	Heathrow	151.10	302.20	486.34	132.56	131.80	0.11	0.65	16.29247536
Belfast	Newcastle	182.50	365.00	587.41	160.11	159.19	0.13	0.79	19.67820485
Belfast	Newcastle	182.50	365.00	587.41	160.11	159.19	0.13	0.79	19.67820485
Birmingham	Belfast	238.80	477.60	768.62	209.50	208.30	0.17	1.03	25.74879626
Newcastle	Heathrow	251.90	503.80	810.79	221.00	219.73	0.18	1.09	27.16131398
Belfast	Heathrow	313.20	626.40	1008.09	274.78	273.20	0.22	1.35	33.7710343
Belfast	Heathrow	313.20	626.40	1008.09	274.78	273.20	0.22	1.35	33.7710343
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Luton	Glasgow	322.40	644.80	1037.70	282.85	281.23	0.23	1.39	34.76303147
Belfast	Heathrow	325.40	650.80	1047.36	285.48	283.84	0.23	1.40	35.08650881
Heathrow	Belfast	325.40	650.80	1047.36	285.48	283.84	0.23	1.40	35.08650881
Heathrow	Belfast	325.40	650.80	1047.36	285.48	283.84	0.23	1.40	35.08650881
Heathrow	Belfast	325.40	650.80	1047.36	285.48	283.84	0.23	1.40	35.08650881
Edinburgh	Heathrow	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638
Edinburgh	Heathrow	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638
Edinburgh	Heathrow	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638
Edinburgh	Heathrow	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638

Edinburgh	Heathrow	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638
Heathrow	Edinburgh	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638
Heathrow	Edinburgh	331.90	663.80	1068.28	291.18	289.51	0.24	1.43	35.78737638
Glasgow	Heathrow	345.20	690.40	1111.09	302.85	301.12	0.24	1.49	37.22145926
Glasgow	Heathrow	345.20	690.40	1111.09	302.85	301.12	0.24	1.49	37.22145926
Glasgow	Heathrow	345.20	690.40	1111.09	302.85	301.12	0.24	1.49	37.22145926
Heathrow	Glasgow	345.20	690.40	1111.09	302.85	301.12	0.24	1.49	37.22145926
Heathrow	Glasgow	345.20	690.40	1111.09	302.85	301.12	0.24	1.49	37.22145926
Heathrow	Glasgow	345.20	690.40	1111.09	302.85	301.12	0.24	1.49	37.22145926
Luton	Aberdeen	375.70	751.40	1209.26	329.61	327.72	0.27	1.62	40.51014555
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Heathrow	Knock	389.20	778.40	1252.71	341.45	339.50	0.28	1.68	41.96579358
Aberdeen	Heathrow	402.50	805.00	1295.52	353.12	351.10	0.29	1.74	43.39987645
Heathrow	Newcastle	251.90	251.90	405.39	110.50	109.87	0.09	0.54	13.58065699
Luton	Glasgow	322.40	322.40	518.85	141.42	140.61	0.11	0.70	17.38151574
Luton	Glasgow	322.40	322.40	518.85	141.42	140.61	0.11	0.70	17.38151574
Luton	Glasgow	322.40	322.40	518.85	141.42	140.61	0.11	0.70	17.38151574
Glasgow	Heathrow	345.20	345.20	555.54	151.42	150.56	0.12	0.74	18.61072963

<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
94,233.79	83,375.49	15.49	412.29	10,430.53

Flights from Concur

Start	Finish	Return	Distance (KM)	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - Kgco ₂ e
Belfast City	LCY	n	547	149.10	148.24	0.12	0.73298	18.3245
Aberdeen	LHR	n	648	176.57	175.56	0.14	0.868052	21.7013
Aberdeen	LHR	n	648	176.57	175.56	0.14	0.868052	21.7013
Aberdeen	LHR	n	648	176.57	175.56	0.14	0.868052	21.7013
LHR	Aberdeen	n	648	176.57	175.56	0.14	0.868052	21.7013
LHR	Aberdeen	n	648	176.57	175.56	0.14	0.868052	21.7013
LHR	Aberdeen	n	648	176.57	175.56	0.14	0.868052	21.7013
Aberdeen	LHR	y	1296	353.14	351.12	0.29	1.736104	43.4026
Aberdeen	LHR	y	1296	353.14	351.12	0.29	1.736104	43.4026
Aberdeen	LHR	y	1296	353.14	351.12	0.29	1.736104	43.4026
Istanbul	Zagreb	n	1138	444.24	442.04	0.02	2.184576	54.637156
San Diego	Dallas Fort Worth	n	1884	735.75	732.09	0.04	3.618048	90.488888
LHR	Minneapolis	n	6462	2522.95	2510.41	0.13	12.406656	310.295636

Istanbul	Singapore	n	8681	3389.57	3372.72	0.17	16.668288	416.880828
Singapore	Istanbul	n	8681	3389.57	3372.72	0.17	16.668288	416.880828
LHR	Newark	y	5577	2177.33	2166.51	0.11	10.707072	267.788332
Chicago	Atlanta	n	1159	452.52	450.27	0.02	2.22528	55.65518
San Antonio	JFK	n	2554	997.14	992.19	0.05	4.903488	122.638278
Catania, Italy	Florence	n	776	104.52	103.99	0.01	0.520054	12.853872
Barc	Paris	n	858	115.57	114.99	0.01	0.575061	14.213448
FLR	CDG Paris	n	881	118.59	117.99	0.01	0.590069	14.584392
Bologna	Berlin	n	884	119.06	118.46	0.01	0.592414	14.642352
Ljubljana	Paris	n	946	127.39	126.75	0.01	0.633887	15.667416
Munich	Dublin	n	1385	186.49	185.55	0.01	0.92795	22.9356
Madrid	DUB	n	1452	195.44	194.46	0.01	0.972505	24.03684
Madrid	Ljubljana	n	1452	195.44	194.46	0.01	0.972505	24.03684
Pisa	DUB	n	1632	219.69	218.59	0.02	1.093172	27.019296
DUB	Vienna	n	1707	229.87	228.71	0.02	1.143824	28.271232
Vienna	Madrid	n	1809	243.51	242.28	0.02	1.211695	29.94876
DUB	FCO, Rome	n	1889	254.31	253.03	0.02	1.265429	31.276872
Atlanta	San Antonio	n	2445	329.15	327.49	0.02	1.637815	40.48092
Newark	San Antonio	y	5051	680.06	676.63	0.05	3.383902	83.637936
Kennedy, NY	San Antonio	y	5108	687.77	684.29	0.05	3.422226	84.585168
Minneapolis	Chicago	n	538	289.63	288.19	0.01	1.42517	35.618494
LHR	San Diego	n	8827	5122.36	5097.03	0.18	25.15809	630.011538
Singapore	LHR	n	10888	6318.03	6286.78	0.22	31.030515	777.069423
LHR	San Fran	y	17276	10025.15	9975.57	0.35	49.23774	1233.016668
Manch	Singapore	y	21920	12719.74	12656.83	0.44	62.472	1564.4304
JFK	LHR	n	5555	3223.17	3207.22	0.11	15.830325	396.424665
LHR	Atlanta	n	5690	3301.91	3285.58	0.11	16.21707	406.109574

Atlanta	LHR	n	6776	3932.15	3912.70	0.14	19.312455	483.624531
Dallas Fort Worth	LHR	n	7645	6118.90	6088.55	0.23	30.120512	752.554112
LHR	Istanbul	n	2495	684.30	680.90	0.02	3.367845	84.146231
DUB	Leeds Bradford	n	309	56.47	56.19	0.00	0.27792	6.944912
LCY	Barc/Paris CDG	n	329	60.24	59.94	0.00	0.29646	7.408206
LCY	Barc/Paris CDG	n	329	60.24	59.94	0.00	0.29646	7.408206
Dublin	East Midlands	n	337	61.66	61.36	0.00	0.30348	7.583628
LHR	Paris CDG	n	348	63.58	63.27	0.00	0.31293	7.819773
Paris CDG	LHR	n	348	63.58	63.27	0.00	0.31293	7.819773
Brussels	LHR	n	352	64.28	63.96	0.00	0.31635	7.905235
LHR	Brussels	n	352	64.28	63.96	0.00	0.31635	7.905235
Amsterdam	LGW	n	366	66.88	66.54	0.00	0.32913	8.224593
DUB	LHR	n	450	82.36	81.95	0.00	0.40536	10.129496
DUB	LHR	n	450	82.36	81.95	0.00	0.40536	10.129496
DUB	LHR	n	450	82.36	81.95	0.00	0.40536	10.129496
LHR	DUB	n	450	82.36	81.95	0.00	0.40536	10.129496
LHR	DUB	n	450	82.36	81.95	0.00	0.40536	10.129496
LHR	DUB	n	450	82.36	81.95	0.00	0.40536	10.129496
DUB	LGW	n	486	88.82	88.38	0.00	0.43713	10.923393
CDG Paris	MAN	n	589	107.67	107.14	0.01	0.52992	13.242112
STN	Knock	n	649	118.68	118.09	0.01	0.5841	14.59601
Geneva	LGW	n	716	130.90	130.25	0.01	0.64422	16.098342
Zurich	LHR	n	790	144.43	143.71	0.01	0.71082	17.762602
LTN	Zurich	n	808	147.81	147.08	0.01	0.72747	18.178667
LCY	Milan	n	913	167.03	166.20	0.01	0.82206	20.542366
LHR	Munich	n	944	172.65	171.79	0.01	0.84969	21.232809
Munich	LHR	n	944	172.65	171.79	0.01	0.84969	21.232809

Milan	LGW	n	945	172.81	171.95	0.01	0.8505	21.25305
LGW	Berlin	n	953	174.28	173.41	0.01	0.8577	21.43297
Berlin	LGW	n	953	174.28	173.41	0.01	0.8577	21.43297
Berlin	Manch	n	1066	194.92	193.95	0.01	0.95931	23.972091
LHR	BCN	n	1147	209.83	208.78	0.01	1.03266	25.805026
Venice	LHR	n	1154	211.00	209.95	0.01	1.03842	25.948962
Bologna	LHR	n	1165	213.08	212.02	0.01	1.04868	26.205348
LHR	Bologna	n	1165	213.08	212.02	0.01	1.04868	26.205348
LGW	Florence	n	1182	216.17	215.09	0.01	1.06389	26.585429
Pisa	LHR	n	1188	217.19	216.11	0.01	1.06893	26.711373
Florence	LCY	n	1195	218.49	217.41	0.01	1.07532	26.871052
Florence	LCY	n	1195	218.49	217.41	0.01	1.07532	26.871052
LCY	Florence	n	1195	218.49	217.41	0.01	1.07532	26.871052
Milan	MAN	n	1212	221.69	220.59	0.01	1.09107	27.264627
Madrid	Birm	n	1337	244.44	243.23	0.01	1.20303	30.062383
Barcelona	Manchester	n	1380	252.29	251.03	0.01	1.24164	31.027204
Liverpool	Barcelona	n	1388	253.86	252.60	0.01	1.24938	31.220618
Manch	Pisa	n	1421	259.89	258.60	0.01	1.27908	31.962788
Manch	Pisa	n	1421	259.89	258.60	0.01	1.27908	31.962788
Manch	Pisa	n	1421	259.89	258.60	0.01	1.27908	31.962788
Manch	Pisa	n	1421	259.89	258.60	0.01	1.27908	31.962788
Manch	Pisa	n	1421	259.89	258.60	0.01	1.27908	31.962788
Pisa	Manch	n	1421	259.89	258.60	0.01	1.27908	31.962788
Pisa	Manch	n	1421	259.89	258.60	0.01	1.27908	31.962788
Pisa	Manch	n	1421	259.89	258.60	0.01	1.27908	31.962788
Pisa	Manch	n	1421	259.89	258.60	0.01	1.27908	31.962788
Pisa	Manch	n	1421	259.89	258.60	0.01	1.27908	31.962788

Pisa	Manch	n	1421	259.89	258.60	0.01	1.27908	31.962788
MAN	Madrid	n	1433	262.05	260.75	0.01	1.2897	32.22817
Manch	Madrid	n	1433	262.05	260.75	0.01	1.2897	32.22817
LHR	Rome Fiumicino	n	1446	264.39	263.08	0.01	1.30122	32.516042
Rome Fiumicino	LHR	n	1446	264.39	263.08	0.01	1.30122	32.516042
MAN	FLR	n	1450	265.12	263.81	0.01	1.30482	32.606002
Rome	Birmingham	n	1585	289.85	288.41	0.02	1.4265	35.64665
Manchester	Rome	n	1680	307.13	305.60	0.02	1.51155	37.771955
Rome	Manchester	n	1680	307.13	305.60	0.02	1.51155	37.771955
STN	Knock	n - for 4 people	2596	474.73	472.37	0.03	2.3364	58.38404
Knock	LTN	n - for 5 people	3059	559.31	556.52	0.03	2.75265	68.785665
Liverpool	Dublin	y	456	83.32	82.90	0.00	0.41004	10.246444
DUB	Edinburgh	y	676	123.55	122.93	0.01	0.60804	15.194244
LHR	Paris	y	695	127.17	126.53	0.01	0.62586	15.639546
LHR	Brussels	y	703	128.56	127.92	0.01	0.6327	15.81047
LHR	Brussels	y	703	128.56	127.92	0.01	0.6327	15.81047
LTN	Amsterdam	y	710	129.84	129.19	0.01	0.639	15.9679
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992

DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
DUB	LHR	y	901	164.73	163.91	0.01	0.81072	20.258992
STN	Dub	y	944	172.63	171.77	0.01	0.8496	21.23056
Knock	LHR	y	1253	229.10	227.96	0.01	1.12752	28.175472
Knock	LHR	y	1253	229.10	227.96	0.01	1.12752	28.175472
Knock	LHR	y	1253	229.10	227.96	0.01	1.12752	28.175472
Inverness	LHR	y	1429	261.28	259.98	0.01	1.28592	32.133712
LGW	Zurich	y	1511	276.28	274.91	0.02	1.35972	33.977892
LHR	Lyon	y	1517	277.34	275.96	0.02	1.36494	34.108334
LHR	Lyon	y	1517	277.34	275.96	0.02	1.36494	34.108334
LCY	Zurich	y	1523	278.44	277.05	0.02	1.37034	34.243274
LHR	Zurich	y	1580	288.86	287.42	0.02	1.42164	35.525204
LTN	Zurich	y	1617	295.63	294.16	0.02	1.45494	36.357334
STN	Berlin	y	1817	332.24	330.58	0.02	1.63512	40.859832
LCY	Brandenburg, Berlin	y	1856	339.33	337.64	0.02	1.67004	41.732444
LHR	Munich	y	1888	345.30	343.58	0.02	1.69938	42.465618
LHR	Munich	y	1888	345.30	343.58	0.02	1.69938	42.465618

LHR	Berlin	y	1928	352.50	350.75	0.02	1.73484	43.351724
LHR	Milan	y	1964	359.23	357.44	0.02	1.76796	44.179356
LCY	Barcelona	y	2290	418.85	416.76	0.02	2.06136	51.511096
LHR	Barcelona	y	2295	419.65	417.56	0.02	2.06532	51.610052
LHR	Barcelona	y	2295	419.65	417.56	0.02	2.06532	51.610052
LHR	Bologna	y	2330	426.16	424.04	0.02	2.09736	52.410696
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
LGW	Florence	y	2364	432.34	430.19	0.02	2.12778	53.170858
Barc	STN	y	2371	433.51	431.35	0.02	2.13354	53.314794
STN	Pisa	y	2371	433.58	431.43	0.02	2.1339	53.32379
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104

LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
LCY	Florence	y	2390	436.99	434.81	0.02	2.15064	53.742104
flgi	LHR	y	2439	446.02	443.80	0.02	2.1951	54.85311
LHR	Florence	y	2439	446.02	443.80	0.02	2.1951	54.85311
LHR	Joze Pucnik	y	2475	452.64	450.39	0.02	2.22768	55.667248
LHR	Madrid	y	2487	454.72	452.46	0.02	2.23794	55.923634
LHR	Madrid	y	2487	454.72	452.46	0.02	2.23794	55.923634
LHR	Madrid Barajas	y	2487	454.72	452.46	0.02	2.23794	55.923634
STN	Madrid	y	2599	475.21	472.84	0.03	2.33874	58.442514
Birm	Florence	y	2715	496.49	494.02	0.03	2.4435	61.06035
LGW	FCO, Rome	y	2815	514.78	512.22	0.03	2.5335	63.30935
LGW	Rome	y	2815	514.78	512.22	0.03	2.5335	63.30935
Manch	Madrid	y	2866	524.11	521.50	0.03	2.5794	64.45634
STN	Rome Ciampino	y	2888	528.06	525.43	0.03	2.59884	64.942124
LHR	Rome	y	2892	528.79	526.16	0.03	2.60244	65.032084
LHR	Rome	y	2892	528.79	526.16	0.03	2.60244	65.032084
Manchester	Florence	y	2900	530.25	527.61	0.03	2.60964	65.212004
Manchester	Florence	y	2900	530.25	527.61	0.03	2.60964	65.212004
Manch	Rome	y	3359	614.26	611.20	0.03	3.0231	75.54391
Manch	Rome	y	3359	614.26	611.20	0.03	3.0231	75.54391
Manch	Rome	y	3359	614.26	611.20	0.03	3.0231	75.54391
Manchester	Rome	y	3359	614.26	611.20	0.03	3.0231	75.54391
LGW	Athens	y	4793	876.50	872.13	0.05	4.3137	107.79457



<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
130,862.95	115,950.92	7.08	573.20	14,331.74

Trains from Concur

Start	Finish	kg CO2	W/ return	Distance	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kgco2e
Domestic Trains					0.04	0.04	0.00008	0.00028	0.00897
Ashford	Skipton	14.30	14.30	408.57	14.49	14.34	0.032685714	0.1144	3.664885714
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Brighton	London Thameslink	2.60	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Bristol	London	6.40	6.40	182.86	6.48	6.42	0.014628571	0.0512	1.640228571
Burton upon Trent	Birmingham airport	2.00	2.00	57.14	2.03	2.01	0.004571429	0.016	0.512571429
Bury St Edmonds	London	4.70	4.70	134.29	4.76	4.71	0.010742857	0.0376	1.204542857
Cambridge	Gatwick	4.70	4.70	134.29	4.76	4.71	0.010742857	0.0376	1.204542857
Cardiff Central	Windsor & Eton Central	7.00	7.00	200.00	7.09	7.02	0.016	0.056	1.794
Cardiff Central	Ystrad Mynach	0.70	0.70	20.00	0.71	0.70	0.0016	0.0056	0.1794
Charlbury	Paddington	4.10	4.10	117.14	4.15	4.11	0.009371429	0.0328	1.050771429
Egham	Waterloo	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Egham	Waterloo	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Elstree	Luton Airport	0.90	0.90	25.71	0.91	0.90	0.002057143	0.0072	0.230657143
Euston	Liverpool South Parkway	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
Euston, London	Birmingham	6.20	6.20	177.14	6.28	6.22	0.014171429	0.0496	1.588971429
Gabowen	High Wycombe	8.10	8.10	231.43	8.21	8.12	0.018514286	0.0648	2.075914286
Gabowen	High Wycombe	8.10	8.10	231.43	8.21	8.12	0.018514286	0.0648	2.075914286
Gatwick	London	1.40	1.40	40.00	1.42	1.40	0.0032	0.0112	0.3588
Gatwick airport	Victoria	1.40	1.40	40.00	1.42	1.40	0.0032	0.0112	0.3588
Gerrards Cross	London Bridge	1.00	1.00	28.57	1.01	1.00	0.002285714	0.008	0.256285714
Glasgow Central	Williamwood	0.30	0.30	8.57	0.30	0.30	0.000685714	0.0024	0.076885714
Headcorn	London	2.40	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Heathrow	London	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571

Heathrow	London Paddington	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Heathrow	Paddington	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
High Wycombe	Marylebone	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
High Wycombe	Marylebone	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
High Wycombe	Marylebone	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
High Wycombe	Rochester	3.10	3.10	88.57	3.14	3.11	0.007085714	0.0248	0.794485714
Leeds	London Kings Cross	10.00	10.00	285.71	10.13	10.03	0.022857143	0.08	2.562857143
Lewes	London	2.90	2.90	82.86	2.94	2.91	0.006628571	0.0232	0.743228571
LGW	N7	1.60	1.60	45.71	1.62	1.60	0.003657143	0.0128	0.410057143
Liverpool Lime St	Manchester Piccadilly	1.80	1.80	51.43	1.82	1.81	0.004114286	0.0144	0.461314286
London	Bury St Edmonds	4.70	4.70	134.29	4.76	4.71	0.010742857	0.0376	1.204542857
London	Gerrards Cross	1.00	1.00	28.57	1.01	1.00	0.002285714	0.008	0.256285714
London	Manchester	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
London Bridge	Rayleigh	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
London Euston	Birmingham New St	6.10	6.10	174.29	6.18	6.12	0.013942857	0.0488	1.563342857
London Euston	Liverpool Lime St	10.30	10.30	294.29	10.44	10.33	0.023542857	0.0824	2.639742857
London Euston	Manchester Piccadilly	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
London Euston	Manchester Piccadilly	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
London Kings Cross	Cambridge	3.10	3.10	88.57	3.14	3.11	0.007085714	0.0248	0.794485714
London Kings Cross	York	10.20	10.20	291.43	10.33	10.23	0.023314286	0.0816	2.614114286
Loughborough	St Pancras, London	5.80	5.80	165.71	5.88	5.82	0.013257143	0.0464	1.486457143
Luton Airport	Elstree	0.90	0.90	25.71	0.91	0.90	0.002057143	0.0072	0.230657143
Luton Airport	London	1.60	1.60	45.71	1.62	1.60	0.003657143	0.0128	0.410057143
Manchester	London	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
Manchester	London Euston	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
Manchester	Sheffield	2.20	2.20	62.86	2.23	2.21	0.005028571	0.0176	0.563828571
Manchester	Stafford	2.90	2.90	82.86	2.94	2.91	0.006628571	0.0232	0.743228571
Manchester airport	Liverpool South Parkway	1.80	1.80	51.43	1.82	1.81	0.004114286	0.0144	0.461314286
Manchester airport	Sheffield	2.20	2.20	62.86	2.23	2.21	0.005028571	0.0176	0.563828571
Manchester Piccadilly	London Euston	10.10	10.10	865.71	30.70	30.39	0.069257143	0.2424	7.765457143
Manchester Piccadilly	London Euston	10.10	10.10	288.57	10.23	10.13	0.023085714	0.0808	2.588485714
Markinch	Edinburgh Gateway	1.40	1.40	40.00	1.42	1.40	0.0032	0.0112	0.3588
Markinch	Edinburgh Gateway	1.40	1.40	40.00	1.42	1.40	0.0032	0.0112	0.3588

Markinch	Edinburgh Gateway	1.40	1.40	40.00	1.42	1.40	0.0032	0.0112	0.3588
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Marylebone	High Wycombe	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
Newcastle	Manchester	7.70	7.70	220.00	7.80	7.72	0.0176	0.0616	1.9734
Paddington	Cheltenham	6.40	6.40	182.86	6.48	6.42	0.014628571	0.0512	1.640228571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Paddington	Heathrow	0.80	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Skipton	Ashford	14.30	14.30	408.57	14.49	14.34	0.032685714	0.1144	3.664885714
Solihull	Manchester	4.60	4.60	131.43	4.66	4.61	0.010514286	0.0368	1.178914286
St Pancras	Loughborough	5.80	5.80	165.71	5.88	5.82	0.013257143	0.0464	1.486457143
St Pancras	Luton airport	1.50	1.50	42.86	1.52	1.50	0.003428571	0.012	0.384428571
St Pancras, London	Loughborough	5.80	5.80	165.71	5.88	5.82	0.013257143	0.0464	1.486457143
Stafford	London	7.10	7.10	202.86	7.19	7.12	0.016228571	0.0568	1.819628571
Wakefield	London Kings Cross	9.50	9.50	271.43	9.62	9.53	0.021714286	0.076	2.434714286
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Woking	Waterloo	1.30	1.30	37.14	1.32	1.30	0.002971429	0.0104	0.333171429
Wolverhampton	Manchester Piccadilly	3.60	3.60	102.86	3.65	3.61	0.008228571	0.0288	0.922628571
York	London Kings Cross	10.20	10.20	291.43	10.33	10.23	0.023314286	0.0816	2.614114286

Maidenhead	London	1.30	1.30	37.1 4	1.32	1.30	0.0029714 29	0.0104	0.333171 429
Maidenhead	London	1.30	1.30	37.1 4	1.32	1.30	0.0029714 29	0.0104	0.333171 429
Beaconsfield	London	1.20	1.20	34.2 9	1.22	1.20	0.0027428 57	0.0096	0.307542 857
Beaconsfield	London	1.20	1.20	34.2 9	1.22	1.20	0.0027428 57	0.0096	0.307542 857
Beaconsfield	London	1.20	1.20	34.2 9	1.22	1.20	0.0027428 57	0.0096	0.307542 857
Beaconsfield	London	1.20	1.20	34.2 9	1.22	1.20	0.0027428 57	0.0096	0.307542 857
Beaconsfield	London	1.20	1.20	34.2 9	1.22	1.20	0.0027428 57	0.0096	0.307542 857
Chatham	London	1.90	1.90	54.2 9	1.92	1.91	0.0043428 57	0.0152	0.486942 857
Chatham	London	1.90	1.90	54.2 9	1.92	1.91	0.0043428 57	0.0152	0.486942 857
Chatham	London	1.90	1.90	54.2 9	1.92	1.91	0.0043428 57	0.0152	0.486942 857
Chatham	London	1.90	1.90	54.2 9	1.92	1.91	0.0043428 57	0.0152	0.486942 857
Chatham	London	1.90	1.90	54.2 9	1.92	1.91	0.0043428 57	0.0152	0.486942 857
High Wycombe	London	1.50	1.50	42.8 6	1.52	1.50	0.0034285 71	0.012	0.384428 571
High Wycombe	London	1.50	1.50	42.8 6	1.52	1.50	0.0034285 71	0.012	0.384428 571
Rayleigh	London	1.50	1.50	42.8 6	1.52	1.50	0.0034285 71	0.012	0.384428 571
Slough	London	1.00	1.00	28.5 7	1.01	1.00	0.0022857 14	0.008	0.256285 714
Slough	London	1.00	1.00	28.5 7	1.01	1.00	0.0022857 14	0.008	0.256285 714
Slough	London	1.00	1.00	28.5 7	1.01	1.00	0.0022857 14	0.008	0.256285 714
Slough	London	1.00	1.00	28.5 7	1.01	1.00	0.0022857 14	0.008	0.256285 714
Slough	London	1.00	1.00	28.5 7	1.01	1.00	0.0022857 14	0.008	0.256285 714
Abbey Wood	Farringdon	0.60	1.20	34.2 9	1.22	1.20	0.0027428 57	0.0096	0.307542 857
Ashford	Brighouse	13.1 0	26.20	748. 57	26.54	26.27	0.0598857 14	0.2096	6.714685 714
Ashford	Brighouse	13.1 0	26.20	748. 57	26.54	26.27	0.0598857 14	0.2096	6.714685 714
Ashford	Manchester	13.1 0	26.20	748. 57	26.54	26.27	0.0598857 14	0.2096	6.714685 714
Beaconsfield	London	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Beaconsfield	London	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Beaconsfield	London	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Beaconsfield	London	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Beaconsfield	London	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Beaconsfield	London	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Beaconsfield	Marylebone	1.20	2.40	68.5 7	2.43	2.41	0.0054857 14	0.0192	0.615085 714
Bedford	Farringdon	2.70	5.40	154. 29	5.47	5.42	0.0123428 57	0.0432	1.383942 857
Bedford	Farringdon	2.70	5.40	154. 29	5.47	5.42	0.0123428 57	0.0432	1.383942 857

Bedford	Farringdon	2.70	5.40	154.29	5.47	5.42	0.012342857	0.0432	1.383942857
Bedford	Farringdon	2.70	5.40	154.29	5.47	5.42	0.012342857	0.0432	1.383942857
Bedford	Harley Street (marylebone)	5.00	10.00	285.71	10.13	10.03	0.022857143	0.08	2.562857143
Bedford	Harley Street (marylebone)	5.00	10.00	285.71	10.13	10.03	0.022857143	0.08	2.562857143
Bedford	St Pancras	2.70	5.40	154.29	5.47	5.42	0.012342857	0.0432	1.383942857
Bedford	St Pancras	2.70	5.40	154.29	5.47	5.42	0.012342857	0.0432	1.383942857
Bristol Temple Meads	Cardiff Central	2.00	4.00	114.29	4.05	4.01	0.009142857	0.032	1.025142857
Cambridge	London Kings Cross	2.90	5.80	165.71	5.88	5.82	0.013257143	0.0464	1.486457143
Cambridge	London Liverpool St	2.90	5.80	165.71	5.88	5.82	0.013257143	0.0464	1.486457143
Cardiff Central	London Paddington	7.80	15.60	445.71	15.81	15.64	0.035657143	0.1248	3.998057143
Cheltenham Spa	Bristol Temple Meads	2.30	4.60	131.43	4.66	4.61	0.010514286	0.0368	1.178914286
Cheltenham Spa	Manchester Piccadilly	6.90	13.80	394.29	13.98	13.84	0.031542857	0.1104	3.536742857
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Paddington	6.40	12.80	365.71	12.97	12.84	0.029257143	0.1024	3.280457143
Cheltenham Spa	Truro	11.40	22.80	651.43	23.10	22.87	0.052114286	0.1824	5.843314286
Clapham Junction	Brighton	2.60	5.20	148.57	5.27	5.21	0.011885714	0.0416	1.332685714
Coventry	London	5.10	10.20	291.43	10.33	10.23	0.023314286	0.0816	2.614114286
Dartford	Farringdon	0.90	1.80	51.43	1.82	1.81	0.004114286	0.0144	0.461314286
Dartford	Farringdon	0.90	1.80	51.43	1.82	1.81	0.004114286	0.0144	0.461314286
Dartford	London Bridge	0.80	1.60	45.71	1.62	1.60	0.003657143	0.0128	0.410057143
Dartford	London Bridge	0.80	1.60	45.71	1.62	1.60	0.003657143	0.0128	0.410057143
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714
Egham	Waterloo	1.20	2.40	68.57	2.43	2.41	0.005485714	0.0192	0.615085714

SOL_25_S001_MEN

High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	London	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
High Wycombe	Marylebone	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
Lancaster	London Euston	12.9 0	25.80	737. 14	26.14	25.87	0.0589714 29	0.2064	6.612171 429
Leeds	London	10.0 0	20.00	571. 43	20.26	20.06	0.0457142 86	0.16	5.125714 286
Leicester	London	5.10	10.20	291. 43	10.33	10.23	0.0233142 86	0.0816	2.614114 286
Liverpool	York	5.30	10.60	302. 86	10.74	10.63	0.0242285 71	0.0848	2.716628 571
London	Attleborough	7.00	14.00	400. 00	14.18	14.04	0.032	0.112	3.588
London	Gerrards Cross	1.00	2.00	57.1 4	2.03	2.01	0.0045714 29	0.016	0.512571 429
London	Liverpool	10.3 0	20.60	588. 57	20.87	20.66	0.0470857 14	0.1648	5.279485 714
London	Liverpool	10.3 0	20.60	588. 57	20.87	20.66	0.0470857 14	0.1648	5.279485 714
London Bridge	Gatwick airport	1.40	2.80	80.0 0	2.84	2.81	0.0064	0.0224	0.7176
Maidenhead	London	1.30	2.60	74.2 9	2.63	2.61	0.0059428 57	0.0208	0.666342 857
Maidenhead	London	1.30	2.60	74.2 9	2.63	2.61	0.0059428 57	0.0208	0.666342 857
Maidenhead	London	1.30	2.60	74.2 9	2.63	2.61	0.0059428 57	0.0208	0.666342 857
Maidstone	Charing Cross	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Maidstone	Charing Cross	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Maidstone	Charing Cross	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Maidstone	Charing Cross	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Maidstone	Charing Cross	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Maidstone	Charing Cross	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Maidstone	Stratford International	2.00	4.00	114. 29	4.05	4.01	0.0091428 57	0.032	1.025142 857
Man Piccadilly	London Euston	10.1 0	20.20	577. 14	20.47	20.26	0.0461714 29	0.1616	5.176971 429
Marylebone	High Wycombe	1.50	3.00	85.7 1	3.04	3.01	0.0068571 43	0.024	0.768857 143
Newport, Essex	Liverpool St	2.10	4.20	120. 00	4.26	4.21	0.0096	0.0336	1.0764
Northampton	Birmingham Int	2.70	5.40	154. 29	5.47	5.42	0.0123428 57	0.0432	1.383942 857
Northampton	Birmingham Int	2.70	5.40	154. 29	5.47	5.42	0.0123428 57	0.0432	1.383942 857

Northampton	Euston, London	3.50	7.00	200.00	7.09	7.02	0.016	0.056	1.794
Northampton	London	3.50	7.00	200.00	7.09	7.02	0.016	0.056	1.794
Northampton	London	3.50	7.00	200.00	7.09	7.02	0.016	0.056	1.794
Northampton	London	3.50	7.00	200.00	7.09	7.02	0.016	0.056	1.794
Northampton	London	3.50	7.00	200.00	7.09	7.02	0.016	0.056	1.794
Northampton	Manchester	6.70	13.40	382.86	13.58	13.44	0.030628571	0.1072	3.434228571
Northampton	Manchester	6.70	13.40	382.86	13.58	13.44	0.030628571	0.1072	3.434228571
Oxford	London	3.40	6.80	194.29	6.89	6.82	0.015542857	0.0544	1.742742857
Oxford	London	3.40	6.80	194.29	6.89	6.82	0.015542857	0.0544	1.742742857
Oxford	London	3.40	6.80	194.29	6.89	6.82	0.015542857	0.0544	1.742742857
Oxford	Wolverhampton	4.10	8.20	234.29	8.31	8.22	0.018742857	0.0656	2.101542857
Reading	Cardiff	5.80	11.60	331.43	11.75	11.63	0.026514286	0.0928	2.972914286
Rhyl	Bristol	10.10	20.20	577.14	20.47	20.26	0.046171429	0.1616	5.176971429
Rhyl	Cardiff Central	9.20	18.40	525.71	18.64	18.45	0.042057143	0.1472	4.715657143
Rhyl	Slough	12.30	24.60	702.86	24.92	24.67	0.056228571	0.1968	6.304628571
Sheffield	Cambridge	8.30	16.60	474.29	16.82	16.65	0.037942857	0.1328	4.254342857
Sheffield	Harrogate	2.60	5.20	148.57	5.27	5.21	0.011885714	0.0416	1.332685714
Tulse Hill	Euston	0.40	0.80	22.86	0.81	0.80	0.001828571	0.0064	0.205028571
Tulse Hill	London Bridge	0.30	0.60	17.14	0.61	0.60	0.001371429	0.0048	0.153771429
Tulse Hill	London Bridge	0.30	0.60	17.14	0.61	0.60	0.001371429	0.0048	0.153771429
Tulse Hill	London Bridge	0.30	0.60	17.14	0.61	0.60	0.001371429	0.0048	0.153771429
Tulse Hill	London Bridge	0.30	0.60	17.14	0.61	0.60	0.001371429	0.0048	0.153771429
Warrington	London Euston	9.70	19.40	554.29	19.65	19.46	0.044342857	0.1552	4.971942857
Warrington	Newcastle	8.80	17.60	502.86	17.83	17.65	0.040228571	0.1408	4.510628571
West Norwood	West Brompton	0.30	0.60	17.14	0.61	0.60	0.001371429	0.0048	0.153771429
Wigan North	London Euston	10.90	21.80	622.86	22.09	21.86	0.049828571	0.1744	5.587028571
Wigan North	Manchester Central	1.00	2.00	57.14	2.03	2.01	0.004571429	0.016	0.512571429
Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857

Woking	Waterloo	1.30	2.60	74.29	2.63	2.61	0.005942857	0.0208	0.666342857
Wolverhampton	Euston	10.10	20.20	577.14	20.47	20.26	0.046171429	0.1616	5.176971429
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Euston	6.80	13.60	388.57	13.78	13.64	0.031085714	0.1088	3.485485714
Wolverhampton	Glasgow	14.60	29.20	834.29	29.58	29.28	0.066742857	0.2336	7.483542857
Wolverhampton	Manchester Piccadilly	3.60	7.20	205.71	7.29	7.22	0.016457143	0.0576	1.845257143
York	Liverpool	5.30	10.60	302.86	10.74	10.63	0.024228571	0.0848	2.716628571
Beaconsfield	Marylebone	1.20	1.20	34.29	1.22	1.20	0.002742857	0.0096	0.307542857
Paddington	Stratford	0.40	0.40	11.43	0.41	0.40	0.000914286	0.0032	0.102514286
London Euston	Manchester	10.10	20.20	577.14	20.47	20.26	0.046171429	0.1616	5.176971429
London Euston	Manchester	10.10	20.20	577.14	20.47	20.26	0.046171429	0.1616	5.176971429
Tulse Hill	Black Friars	0.30	0.60	17.14	0.61	0.60	0.001371429	0.0048	0.153771429
Coach					kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kgco2e
					0.03	0.03	0.00001	0.00048	0.00656
Belfast	Dublin airport			160.00	4.35	4.27	0.0016	0.0768	1.0496
Airport Term5	Hotel Term 4			6.30	0.17	0.17	0.000063	0.003024	0.041328
Nottingham	London			211.00	5.73	5.63	0.00211	0.10128	1.38416
Liverpool	Manchester			57.00	1.55	1.52	0.00057	0.02736	0.37392
International Train					kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kgco2e
					0.00	0.00	0.00002	0.00003	0.00117
Bologna Centrale	Firenze			90.00	0.40	0.40	0.0018	0.0027	0.1053
Dublin Connolly	Belfast			181.00	0.81	0.80	0.00362	0.00543	0.21177
Firenze	Bologna Centrale			90.00	0.40	0.40	0.0018	0.0027	0.1053
Firenze	Pisa			79.00	0.35	0.35	0.00158	0.00237	0.09243

Florence	Pisa	79.00	0.35	0.35	0.00158	0.00237	0.09243
Florence	Pisa	79.00	0.35	0.35	0.00158	0.00237	0.09243
Florence	Rome	260.00	1.16	1.15	0.0052	0.0078	0.3042
Florence	Rome	260.00	1.16	1.15	0.0052	0.0078	0.3042
Milan	Florence	306.00	1.36	1.35	0.00612	0.00918	0.35802
Paris	London	506.00	2.26	2.23	0.01012	0.01518	0.59202
Paris Gare Du Nord	London St Pancras	506.00	2.26	2.23	0.01012	0.01518	0.59202
Pisa	Firenze	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Pisa	Florence	79.00	0.35	0.35	0.00158	0.00237	0.09243
Rome	Florence	260.00	1.16	1.15	0.0052	0.0078	0.3042
Venice	Florence	251.00	1.12	1.11	0.00502	0.00753	0.29367
Venice	Florence	251.00	1.12	1.11	0.00502	0.00753	0.29367
Rome	Florence	520.00	2.32	2.29	0.0104	0.0156	0.6084
Rome	Florence	520.00	2.32	2.29	0.0104	0.0156	0.6084
Florence	Rome	520.00	2.32	2.29	0.0104	0.0156	0.6084
London	Paris	506.00	2.26	2.23	0.01012	0.01518	0.59202

Totals				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
2,113.65	1,669.59	3.84	13.40	426.81

Journey	Price	Distance	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT kgco ₂ e
			0.035	0.035	0.000	0.000	0.009
Attendance at corporate WeMore event	1.42	4.55	0.16	0.16	0.00	0.00	0.04

Field Visit	2.00	6.40	0.23	0.22	0.00	0.00	0.06
	2.10	6.72	0.24	0.24	0.00	0.00	0.06
Dual Visits with new KAM london	2.70	8.64	0.31	0.30	0.00	0.00	0.08
PCDS Wyzora Congress	2.70	8.64	0.31	0.30	0.00	0.00	0.08
London meetings	2.80	8.96	0.32	0.31	0.00	0.00	0.08
25th Anniversary Florence meeting	3.00	9.61	0.34	0.34	0.00	0.00	0.09
Attending DUK	3.00	9.61	0.34	0.34	0.00	0.00	0.09
UK Travel	3.00	9.61	0.34	0.34	0.00	0.00	0.09
Diabetes Uk meeting.	3.00	9.61	0.34	0.34	0.00	0.00	0.09
Travel to airport for AHA conference	3.32	10.63	0.38	0.37	0.00	0.00	0.10
ESC Scientific Conference	4.60	14.73	0.52	0.52	0.00	0.00	0.13
ESC congress London	4.90	15.69	0.56	0.55	0.00	0.00	0.14
Diabetes Uk conference	4.90	15.69	0.56	0.55	0.00	0.00	0.14
BR UK	5.40	17.29	0.61	0.61	0.00	0.00	0.16
travel to Wellcome Institute	5.40	17.29	0.61	0.61	0.00	0.00	0.16
travel to complicated UTI's Kings Fund	5.40	17.29	0.61	0.61	0.00	0.00	0.16
Airport train	5.44	17.42	0.62	0.61	0.00	0.00	0.16
PCDS meeting	5.50	17.61	0.62	0.62	0.00	0.00	0.16
Medical support for DUK meeting	5.50	17.61	0.62	0.62	0.00	0.00	0.16
Business Mileage	5.50	17.61	0.62	0.62	0.00	0.00	0.16
travel to DUK	6.00	19.21	0.68	0.67	0.00	0.01	0.17
PITstop meeting	6.20	19.85	0.70	0.70	0.00	0.01	0.18
Travel card to London	6.30	20.17	0.72	0.71	0.00	0.01	0.18
Dual Visit with KAM	6.70	21.45	0.76	0.75	0.00	0.01	0.19
London meetings	6.70	21.45	0.76	0.75	0.00	0.01	0.19
London meeting	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Train - dual visits Sam Gibbons	6.70	21.45	0.76	0.75	0.00	0.01	0.19
London Dual Visits - KAM	6.70	21.45	0.76	0.75	0.00	0.01	0.19
London Meetings	6.70	21.45	0.76	0.75	0.00	0.01	0.19
London meetings	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Onboarding week Masterclass	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Training event Vie Aesthetics - Train after event	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Dual Visits with KAM london	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Dual Visits	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Dual Visits with new KAM london	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Travel to meeting DUK Excel London	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Train to meeting	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Central London meetings/drop ins	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Central London meetings/drop ins	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Meetings with London KAM's	6.70	21.45	0.76	0.75	0.00	0.01	0.19

Dual Visits with KAM	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Medical support for DUK meeting	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Medical support at OPAT Regional Workshop	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Diabetes UK 2024	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Trip Florence	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Trip Florence	6.70	21.45	0.76	0.75	0.00	0.01	0.19
Masterclass central London	7.20	23.05	0.82	0.81	0.00	0.01	0.21
Florence Meeting travel	7.70	24.65	0.87	0.87	0.00	0.01	0.22
We More digital marketing event	8.00	25.61	0.91	0.90	0.00	0.01	0.23
PCDS- Cavendish Conference Centre	8.50	27.21	0.97	0.96	0.00	0.01	0.24
Essential Dermatology Seminar Series 2 - Cavendish Centre	8.50	27.21	0.97	0.96	0.00	0.01	0.24
Travel card into London	8.60	27.54	0.98	0.97	0.00	0.01	0.25
Simcyp Consortium	8.60	27.54	0.98	0.97	0.00	0.01	0.25
conference	8.80	28.18	1.00	0.99	0.00	0.01	0.25
Dual visit central London	9.20	29.46	1.04	1.03	0.00	0.01	0.26
Travel to attend field visit, Manchester	9.20	29.46	1.04	1.03	0.00	0.01	0.26
Field Visit with Iris & Karen	9.50	30.42	1.08	1.07	0.00	0.01	0.27
Field Visit with Iris & Karen	9.50	30.42	1.08	1.07	0.00	0.01	0.27
assesment centre travel to airport	9.50	30.42	1.08	1.07	0.00	0.01	0.27
PitStop Annual Conference 24	9.80	31.38	1.11	1.10	0.00	0.01	0.28
EDA Roll Out Regional Meeting	10.00	32.02	1.14	1.12	0.00	0.01	0.29
ESC congress London	10.00	32.02	1.14	1.12	0.00	0.01	0.29
Pit stop 1 day Training	10.00	32.02	1.14	1.12	0.00	0.01	0.29
UK Travel	10.00	32.02	1.14	1.12	0.00	0.01	0.29
Travel to attend advisory board	10.00	32.02	1.14	1.12	0.00	0.01	0.29
Delinking AMR ABPI Meeting	10.40	33.30	1.18	1.17	0.00	0.01	0.30
Dual Visit with KAM	10.90	34.90	1.24	1.22	0.00	0.01	0.31
UK Travel	11.00	35.22	1.25	1.24	0.00	0.01	0.32
UK Travel	11.20	35.86	1.27	1.26	0.00	0.01	0.32
Train to Heathrow	12.20	39.06	1.39	1.37	0.00	0.01	0.35
Meeting with CEO Hamilton Fraser - train ticket	12.70	40.66	1.44	1.43	0.00	0.01	0.36
Wynzora - Tube from Euston to Heathrow	12.80	40.98	1.45	1.44	0.00	0.01	0.37
MORPH Meeting - Manchester Central	12.84	41.11	1.46	1.44	0.00	0.01	0.37
ESC Scientific Conference	13.10	41.94	1.49	1.47	0.00	0.01	0.38
London travel to Holborn for training	13.40	42.90	1.52	1.51	0.00	0.01	0.38
London meetings	13.40	42.90	1.52	1.51	0.00	0.01	0.38
London meetings	13.40	42.90	1.52	1.51	0.00	0.01	0.38
London meetings	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Travel to an external meeting	13.40	42.90	1.52	1.51	0.00	0.01	0.38
To airport	13.40	42.90	1.52	1.51	0.00	0.01	0.38

meetings	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Underground pass - Dual Visits	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Dual Visits with KAM	13.40	42.90	1.52	1.51	0.00	0.01	0.38
SIAB event - train to event	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Training day at Vie Holborn	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Central London meetings/drop ins	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Dual Visit Central London travel - drop ins and meetings	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Central London meetings/drop ins	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Central London meetings/drop ins	13.40	42.90	1.52	1.51	0.00	0.01	0.38
SAIB travel	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Training day - travel to Holborn	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Training day travel	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Dual Visits	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Diabetes UK Conference 2024 travel	13.40	42.90	1.52	1.51	0.00	0.01	0.38
Travel to iCIMS training	13.70	43.86	1.56	1.54	0.00	0.01	0.39
Train to evening speaker meeting	14.00	44.82	1.59	1.57	0.00	0.01	0.40
London Dual Visits	14.60	46.75	1.66	1.64	0.00	0.01	0.42
Dual Visits - KAM - Paula Connolly	14.80	47.39	1.68	1.66	0.00	0.01	0.43
train journeys to and from exhibition at Royal society medicine	15.00	48.03	1.70	1.69	0.00	0.01	0.43
spec across territory	15.00	48.03	1.70	1.69	0.00	0.01	0.43
spec across territory	15.00	48.03	1.70	1.69	0.00	0.01	0.43
Travel card to London to see customers in field	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to London to see customers in field	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to London to see customers in field	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card into London	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to London to see customers	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to London to see customers	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to London to see customers	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to London to see customers	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to see customers in field	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to see customers in field	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to see customers on training day	15.20	48.67	1.73	1.71	0.00	0.01	0.44
Travel card to see customers in field	15.20	48.67	1.73	1.71	0.00	0.01	0.44
London office	15.30	48.99	1.74	1.72	0.00	0.01	0.44
Dual Visit with KAM	15.30	48.99	1.74	1.72	0.00	0.01	0.44
Dual Visit with KAM	15.30	48.99	1.74	1.72	0.00	0.01	0.44
25th Anniversary Florence meeting	15.40	49.31	1.75	1.73	0.00	0.01	0.44
Travel into London for meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Dual Visit with KAM	15.90	50.91	1.81	1.79	0.00	0.01	0.46

Dual Visit with KAM	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Dual Visit with KAM	15.90	50.91	1.81	1.79	0.00	0.01	0.46
London meetings	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Train into central London for meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
driving to station for meetings in London	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Train epping to London for meetings and drop ins	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Train into London for meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Travel into London for meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Travel into London for meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Station parking for London meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Travel into London for meetings and drops	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Travel card to see customers in field	15.90	50.91	1.81	1.79	0.00	0.01	0.46
Stafford and Leicester with KAM - Bus to Bristol airport	16.00	51.23	1.82	1.80	0.00	0.01	0.46
London meetings	16.92	54.17	1.92	1.90	0.00	0.02	0.49
London meetings	17.00	54.43	1.93	1.91	0.00	0.02	0.49
London meetings	17.70	56.67	2.01	1.99	0.00	0.02	0.51
UK Travel	17.90	57.31	2.03	2.01	0.00	0.02	0.51
FV	18.00	57.63	2.04	2.02	0.00	0.02	0.52
Meeting with Audrey re handover	19.00	60.83	2.16	2.14	0.00	0.02	0.55
UK Travel	19.30	61.79	2.19	2.17	0.00	0.02	0.55
conference	19.80	63.39	2.25	2.23	0.01	0.02	0.57
spec across territory	20.00	64.04	2.27	2.25	0.01	0.02	0.57
Travel to Pulse Exhibition in central London	20.00	64.04	2.27	2.25	0.01	0.02	0.57
Travel to RSM exhibition	20.00	64.04	2.27	2.25	0.01	0.02	0.57
Travel to exhibition	20.00	64.04	2.27	2.25	0.01	0.02	0.57
Travel to regional meeting	20.00	64.04	2.27	2.25	0.01	0.02	0.57
Travel to Smart Exhibition at Earls Court	20.00	64.04	2.27	2.25	0.01	0.02	0.57
Travelcard to London to see customers	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card into London to see customers	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to London to see customers	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to see customers	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to see customers on training	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to see customers in field	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to see customers on training day	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to see customers in field	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travel card to london to see customers on training day	21.50	68.84	2.44	2.42	0.01	0.02	0.62
Travelcard to see customers on training	21.50	68.84	2.44	2.42	0.01	0.02	0.62

Florence meeting	21.69	69.45	2.46	2.44	0.01	0.02	0.62
ORS UK meeting	22.30	71.40	2.53	2.51	0.01	0.02	0.64
Travel to excel London diabetes Uk	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travelcard to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers in field on training day	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers on Relife training day	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers in field	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Travel card to see customers	22.60	72.36	2.57	2.54	0.01	0.02	0.65
Train back from Dual visits with Kam	23.00	73.64	2.61	2.58	0.01	0.02	0.66
Field Visit	23.00	73.64	2.61	2.58	0.01	0.02	0.66
meeting with Vie Aesthetics	23.40	74.92	2.66	2.63	0.01	0.02	0.67
Field Visit	23.90	76.52	2.71	2.69	0.01	0.02	0.69
Florence Meeting Travel	24.65	78.92	2.80	2.77	0.01	0.02	0.71
London	25.00	80.04	2.84	2.81	0.01	0.02	0.72
London meetings - Train to airport	25.00	80.04	2.84	2.81	0.01	0.02	0.72
Heathrow Express	25.00	80.04	2.84	2.81	0.01	0.02	0.72
Train to airport	25.00	80.04	2.84	2.81	0.01	0.02	0.72
Heathrow express to airport	25.00	80.04	2.84	2.81	0.01	0.02	0.72
Heathrow express after Dual Visits	25.00	80.04	2.84	2.81	0.01	0.02	0.72
Heathrow Express from London after AML conference	25.00	80.04	2.84	2.81	0.01	0.02	0.72
JPM 2024 Meetings in San Francisco	25.93	83.02	2.94	2.91	0.01	0.02	0.74
UK Office	26.20	83.89	2.97	2.94	0.01	0.02	0.75
Travel to Airport	26.50	84.85	3.01	2.98	0.01	0.02	0.76
BHBIA Conference	27.00	86.45	3.07	3.03	0.01	0.02	0.78
BR Italy	27.10	86.77	3.08	3.05	0.01	0.02	0.78
Wynzora Launch meeting - train - ticket change	27.50	88.05	3.12	3.09	0.01	0.02	0.79
UK Travel	27.80	89.01	3.16	3.12	0.01	0.02	0.80
BR UK	28.60	91.57	3.25	3.21	0.01	0.03	0.82
Train to Dual visit with PC	29.40	94.13	3.34	3.30	0.01	0.03	0.84
Field Visit	30.40	97.33	3.45	3.42	0.01	0.03	0.87
Field Visit	32.80	105.02	3.72	3.69	0.01	0.03	0.94
Train Dual Visits	33.40	106.94	3.79	3.75	0.01	0.03	0.96
Heathrow Express to London	37.00	118.47	4.20	4.16	0.01	0.03	1.06
Heathrow Express from airport to London	37.00	118.47	4.20	4.16	0.01	0.03	1.06
London Business	37.00	118.47	4.20	4.16	0.01	0.03	1.06

Meeting with the sales team in High street kensington	37.50	120.07	4.26	4.21	0.01	0.03	1.08
Pod transport from hotel to airport AWMC	40.00	128.07	4.54	4.50	0.01	0.04	1.15
Meetings in London	46.00	147.28	5.22	5.17	0.01	0.04	1.32
Meeting Dr Alberti and Audrey	46.60	149.20	5.29	5.24	0.01	0.04	1.34
Train to meet KAM	47.40	151.76	5.38	5.33	0.01	0.04	1.36
UK Travel	50.00	160.09	5.68	5.62	0.01	0.04	1.44
UK Travel	50.00	160.09	5.68	5.62	0.01	0.04	1.44
UK Travel	50.00	160.09	5.68	5.62	0.01	0.04	1.44
UK Travel	50.00	160.09	5.68	5.62	0.01	0.04	1.44
Field Visits	57.00	182.50	6.47	6.41	0.01	0.05	1.64
Clinical Trial site visit	63.14	202.16	7.17	7.10	0.02	0.06	1.81
Training cosmetic courses london	64.50	206.51	7.32	7.25	0.02	0.06	1.85
Train from Manchester to London	74.64	238.98	8.47	8.39	0.02	0.07	2.14
tram to airport from train station for field viit to ireland	9.00	28.82	1.02	1.01	0.00	0.01	0.26
Journey	Price	Distance	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT kgco2e
			0.0045	0.0044	0.0000	0.0000	0.0012
Florence trip - train to office 11th June	1.40	6.53	0.03	0.03	0.00	0.00	0.01
Corp BD - CPhI Milan - 6 to 9 Oct	1.47	6.85	0.03	0.03	0.00	0.00	0.01
Milan Market Access training programme	1.88	8.77	0.04	0.04	0.00	0.00	0.01
market access training milan	1.88	8.77	0.04	0.04	0.00	0.00	0.01
market access training milan	1.89	8.81	0.04	0.04	0.00	0.00	0.01
Meeting with Clinic with GIGI in Catford	5.30	24.71	0.11	0.11	0.00	0.00	0.03
train from airport to train station	5.61	26.16	0.12	0.12	0.00	0.00	0.03
Florence meeting	5.62	26.21	0.12	0.12	0.00	0.00	0.03
Florence meeting	5.62	26.21	0.12	0.12	0.00	0.00	0.03
train from airport to Pisa Centrale station	5.67	26.44	0.12	0.12	0.00	0.00	0.03
bus journey from airport to train station	6.20	28.91	0.13	0.13	0.00	0.00	0.03
ReLife Global Meeting	6.70	31.24	0.14	0.14	0.00	0.00	0.04
London Meetings	6.70	31.24	0.14	0.14	0.00	0.00	0.04
25th Anniversary Florence meeting	8.05	37.54	0.17	0.17	0.00	0.00	0.04
Florence meeting	8.05	37.54	0.17	0.17	0.00	0.00	0.04
Florence Meeting	8.05	37.54	0.17	0.17	0.00	0.00	0.04
Milan Market Access training programme	10.33	48.17	0.21	0.21	0.00	0.00	0.06
train from Rome to airport	11.90	55.49	0.25	0.24	0.00	0.00	0.06
F Lynch	12.03	56.09	0.25	0.25	0.00	0.00	0.07
Train - cross functional team meeting	12.32	57.45	0.26	0.25	0.00	0.00	0.07
Train - cross functional team meeting	12.32	57.45	0.26	0.25	0.00	0.00	0.07
train from Rome Termini to Airport	12.47	58.15	0.26	0.26	0.00	0.00	0.07

train from airport to Rome Termini station	12.75	59.45	0.27	0.26	0.00	0.00	0.07
Company trip- Florence to Pisa	13.24	61.74	0.28	0.27	0.00	0.00	0.07
WERMO meeting - local travel card	15.40	71.81	0.32	0.32	0.00	0.00	0.08
train from Airport to Florence office	15.51	72.32	0.32	0.32	0.00	0.00	0.08
Corp BD - Florence meetings 8-12 Sept	17.00	79.27	0.35	0.35	0.00	0.00	0.09
train from Florence to Pisa	24.59	114.66	0.51	0.51	0.00	0.00	0.13
Business Trip to Florence	28.20	131.49	0.59	0.58	0.00	0.00	0.15
Business Trip to Florence	28.37	132.29	0.59	0.58	0.00	0.00	0.15
Business Trip to Florence	28.43	132.56	0.59	0.58	0.00	0.00	0.16
Business Trip to Florence	28.96	135.04	0.60	0.60	0.00	0.00	0.16
BD Workshop & Meetings	29.07	135.55	0.60	0.60	0.00	0.00	0.16
BD Workshop & Meetings	29.11	135.74	0.61	0.60	0.00	0.00	0.16
Corp BD - Florence meetings 8-12 Sept	30.44	141.94	0.63	0.63	0.00	0.00	0.17
Business Trip to Florence	44.47	207.36	0.92	0.91	0.00	0.01	0.24
Business Trip	238.15	1110.46	4.95	4.90	0.02	0.03	1.30
Florence meeting	1.47	6.85	0.03	0.03	0.00	0.00	0.01
train to airport	5.50	25.65	0.11	0.11	0.00	0.00	0.03
train to airport	5.51	25.69	0.11	0.11	0.00	0.00	0.03
train from airport to city centre	5.60	26.11	0.12	0.12	0.00	0.00	0.03
Florence meeting	5.62	26.21	0.12	0.12	0.00	0.00	0.03
25th Anniversary Florence meeting	5.63	26.25	0.12	0.12	0.00	0.00	0.03
Travel from Pisa train station to Pisa airport	5.64	26.30	0.12	0.12	0.00	0.00	0.03
CRCD travel from pisa airport to train station	5.66	26.39	0.12	0.12	0.00	0.00	0.03
travel from Pisa airport to Pisa train station	5.70	26.58	0.12	0.12	0.00	0.00	0.03
Corp BD - Florence meetings - 13-15 Nov	10.97	51.15	0.23	0.23	0.00	0.00	0.06
Italy visit	12.20	56.89	0.25	0.25	0.00	0.00	0.07
Travel from airport to central Lyon	14.22	66.31	0.30	0.29	0.00	0.00	0.08
Corp BD - Florence meetings - 13-15 Nov	43.71	203.81	0.91	0.90	0.00	0.01	0.24
Corp BD - Florence meetings 8-12 Sept	44.45	207.26	0.92	0.91	0.00	0.01	0.24
Relife Days - train rome to florence	60.16	280.52	1.25	1.24	0.01	0.01	0.33
25th Anniversary Meeting - Florence	1.43	6.67	0.03	0.03	0.00	0.00	0.01
Tram travel	1.47	6.85	0.03	0.03	0.00	0.00	0.01
25th Anniversary Florence meeting	1.47	6.85	0.03	0.03	0.00	0.00	0.01
Relife Global Meeting	1.50	6.99	0.03	0.03	0.00	0.00	0.01
Relife Global Meeting	1.50	6.99	0.03	0.03	0.00	0.00	0.01
Tagetik Training	1.51	7.04	0.03	0.03	0.00	0.00	0.01
Florence meeting	2.94	13.71	0.06	0.06	0.00	0.00	0.02

Date	Journey	Price	Distance	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT kgco ₂ e
				0.03	0.03	0.00	0.00	0.01
June 2024	FIRENZE STATUTO SS DPR	1.40	4.83	0.14	0.14	0.0006	0.0008	0.04
June 2024	TRENITALIA - LEFRECCE	1.40	4.83	0.14	0.14	0.0006	0.0008	0.04
June 2024	GEST SPA	1.48	5.10	0.15	0.14	0.0006	0.0008	0.04
Nov-Dec24	Madrid	3.45	11.90	0.34	0.34	0.0014	0.0019	0.09

<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
537.62	424.55	1.01	3.36	108.70

Ferrys

Start	End	Return	Distance (km)	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT Kgco ₂ e
				0.13	0.13	0.00	0.00	0.03
Cairnryan	Belfast	y	59.70	7.72	7.63	0.00	0.09	1.75
Southampton	East Cowes	y	18.50	2.39	2.36	0.00	0.03	0.54
Cairnryan	Belfast	y	59.70	7.72	7.63	0.00	0.09	1.75
Cairnryan	Belfast	y	59.70	7.72	7.63	0.00	0.09	1.75
Portsmouth	Fishbourne	y	20.00	2.59	2.55	0.00	0.03	0.59
Cairnryan	Belfast	y	59.70	7.72	7.63	0.00	0.09	1.75
Cairnryan	Belfast	y	59.70	7.72	7.63	0.00	0.09	1.75
Cairnryan	Belfast	y	59.70	7.72	7.63	0.00	0.09	1.75

<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
62.94	50.67	0.02	0.61	11.63

London Underground

London Underground

Start	Finish	Return	Distance (KM)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT kgco2e
				0.03	0.03	0.00	0.00	0.01
Canary Wharf	Paddington	n	15.17	0.42	0.42	0.00	0.00	0.11
Custom House	Waterloo	n	10.41	0.29	0.29	0.00	0.00	0.08
Excel	Stratford	n	5.90	0.16	0.16	0.00	0.00	0.04
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
High Barnet	London City Airport	n	19.73	0.55	0.54	0.00	0.00	0.14
London City Airport	High Barnet	n	19.73	0.55	0.54	0.00	0.00	0.14
London City Airport	High Barnet	n	19.73	0.55	0.54	0.00	0.00	0.14
London City Airport	High Barnet	n	19.73	0.55	0.54	0.00	0.00	0.14
London City Airport	High Barnet	n	19.73	0.55	0.54	0.00	0.00	0.14
London City Airport	High Barnet	n	19.73	0.55	0.54	0.00	0.00	0.14
Paddington	London City airport	n	15.62	0.43	0.43	0.00	0.00	0.11
Stratford	Excel	n	5.90	0.16	0.16	0.00	0.00	0.04
Waterloo	Custom House	n	10.41	0.29	0.29	0.00	0.00	0.08
Waterloo	Prince Regent	n	12.51	0.35	0.34	0.00	0.00	0.09
Brixton	Angel	y	19.46	0.54	0.54	0.00	0.00	0.14
Brixton	Oxford Circus	y	14.90	0.41	0.41	0.00	0.00	0.11
Brixton	Oxford Circus	y	14.90	0.41	0.41	0.00	0.00	0.11
Brixton	Oxford Circus	y	14.90	0.41	0.41	0.00	0.00	0.11
High Barnet	London	y	39.46	1.10	1.09	0.00	0.01	0.29
Paddington	London City airport	y	31.24	0.87	0.86	0.00	0.00	0.23
Waterloo	Oxford Circus	y	5.20	0.14	0.14	0.00	0.00	0.04
Waterloo	Belsize Park	y	46.44	1.29	1.28	0.01	0.01	0.34
Waterloo	Mill Hill East	y	40.10	1.11	1.10	0.00	0.01	0.29
Waterloo	Oxford Circus	y	5.20	0.14	0.14	0.00	0.00	0.04
Waterloo	Prince Regent	y	25.02	0.70	0.69	0.00	0.00	0.18
Waterloo	Prince Regent	y	25.02	0.70	0.69	0.00	0.00	0.18
Waterloo	St Pancras	y	9.98	0.28	0.27	0.00	0.00	0.07
Waterloo	Tower Hill	y	8.24	0.23	0.23	0.00	0.00	0.06
Custom House	Paddington		13.24	0.37	0.36	0.00	0.00	0.10

Paddington	Brixton		10.87	0.30	0.30	0.00	0.00	0.08
Stratford	Custom House		5.90	0.16	0.16	0.00	0.00	0.04
Burnham	London	y	129.97	3.61	3.58	0.01	0.02	0.95
Burnham	London	y	129.97	3.61	3.58	0.01	0.02	0.95

<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
32.36	25.39	0.10	0.15	6.72

Domestic trains and underground

Start	Finish	W/ return	Train or Underground	Total Distance (KM)	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT kgco ₂ e
					0.04	0.0351	0.00008	0.00028	0.00897
					0.03	0.02753	0.00011	0.00016	0.00728
Tulse Hill	Custom House	0.60	Train Distance	28.41	0.60	0.5939086 29	0.0013536 38	0.0047377 33	0.15177 665
			Underground Distance		0.32	0.3163197	0.0012639	0.0018384	0.08364 72
Tulse Hill	Custom House	0.60	Train Distance	28.41	0.60	0.5939086 29	0.0013536 38	0.0047377 33	0.15177 665
			Underground Distance		0.32	0.3163197	0.0012639	0.0018384	0.08364 72
Tulse Hill	Custom House	0.60	Train Distance	28.41	0.60	0.5939086 29	0.0013536 38	0.0047377 33	0.15177 665
			Underground Distance		0.32	0.3163197	0.0012639	0.0018384	0.08364 72
West Norwood	Hammersmith	0.60	Train Distance	29.24	0.60	0.5939086 29	0.0013536 38	0.0047377 33	0.15177 665
			Underground Distance		0.34	0.3391696	0.0013552	0.0019712	0.08968 96
West Norwood	Hammersmith	0.60	Train Distance	29.24	0.60	0.5939086 29	0.0013536 38	0.0047377 33	0.15177 665
			Underground Distance		0.34	0.3391696	0.0013552	0.0019712	0.08968 96
High Wycombe	LCY	1.50	Train Distance	76.14	1.50	1.4847715 74	0.0033840 95	0.0118443 32	0.37944 162
			Underground Distance		0.94	0.9316152	0.0037224	0.0054144	0.24635 52
Heathrow Airport	High Wycombe	1.50	Train Distance	97.04	1.50	1.4847715 74	0.0033840 95	0.0118443 32	0.37944 162
			Underground Distance		1.52	1.5069922	0.0060214	0.0087584	0.39850 72

<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
12.70	10.00	0.03	0.07	2.59

Taxis from Concur

Price	Start	Finish	Distance (Km)	kg CO2e	kg CO2e of CO2	kg CO2e of CH4	kg CO2e of N2O	WTT - kg CO2e
				0.21	0.21	0.00	0.00	0.05
7.19	Courbevoie	Courbevoie	3.02	0.63	0.62	0.00	0.01	0.03
11.29	Courbevoie	Courbevoie	6.71	1.40	1.38	0.00	0.01	0.07
14.62	Courbevoie	Courbevoie	9.71	2.02	2.00	0.00	0.02	0.10
77.11	Courbevoie	Courbevoie	67.30	14.00	13.89	0.00	0.11	0.72
62.09	Creil	Creil	52.06	10.83	10.74	0.00	0.09	0.56
57.36	Drancy	Drancy	47.75	9.93	9.85	0.00	0.08	0.51
50.89	Melun	Melun	41.97	8.73	8.66	0.00	0.07	0.45
31.73	Torcy	Torcy	25.64	5.33	5.29	0.00	0.04	0.28
35.25	Torcy	Torcy	28.13	5.85	5.81	0.00	0.05	0.30
49.85	Torcy	Torcy	41.46	8.63	8.56	0.00	0.07	0.45
63.61	Torcy	Torcy	53.84	11.20	11.11	0.00	0.09	0.58
11.70	Paisley	Paisley	19.74	4.11	4.07	0.00	0.03	0.21
34.60	Paisley	Paisley	81.66	16.99	16.85	0.00	0.14	0.88
35.00	Paisley	Paisley	82.74	17.21	17.08	0.00	0.14	0.89
32.40	Renfrew	Renfrew	75.67	15.74	15.62	0.00	0.13	0.81
35.00	Renfrew	Renfrew	82.74	17.21	17.08	0.00	0.14	0.89
35.00	Renfrew	Renfrew	82.74	17.21	17.08	0.00	0.14	0.89
61.80	Nice	Nice	25.32	5.27	5.23	0.00	0.04	0.27
70.76	Nice	Nice	29.49	6.14	6.09	0.00	0.05	0.32
75.17	Nice	Nice	31.51	6.56	6.50	0.00	0.05	0.34
79.60	Nice	Nice	33.49	6.97	6.91	0.00	0.06	0.36
8.82	Paris	Paris	4.49	0.93	0.93	0.00	0.01	0.05
18.34	Paris	Paris	13.44	2.80	2.77	0.00	0.02	0.14
24.15	Paris	Paris	18.23	3.79	3.76	0.00	0.03	0.20
71.57	Paris	Paris	61.27	12.75	12.64	0.00	0.10	0.66
12.54	Pisa	Pisa	7.98	1.66	1.65	0.00	0.01	0.09
16.44	Pisa	Pisa	11.48	2.39	2.37	0.00	0.02	0.12
16.74	Pisa	Pisa	11.87	2.47	2.45	0.00	0.02	0.13
19.14	Pisa	Pisa	13.97	2.91	2.88	0.00	0.02	0.15
50.00	Pisa	Pisa	40.15	8.35	8.29	0.00	0.07	0.43
18.66	Roma	Roma	16.70	3.47	3.45	0.00	0.03	0.18
44.21	Roma	Roma	43.31	9.01	8.94	0.00	0.07	0.47
47.25	Roma	Roma	46.48	9.67	9.59	0.00	0.08	0.50
47.34	Roma	Roma	46.57	9.69	9.61	0.00	0.08	0.50
7.81	San Francisco	San Francisco	2.12	0.44	0.44	0.00	0.00	0.02
9.44	San Francisco	San Francisco	2.93	0.61	0.60	0.00	0.00	0.03
17.32	San Francisco	San Francisco	6.82	1.42	1.41	0.00	0.01	0.07
18.44	San Francisco	San Francisco	7.37	1.53	1.52	0.00	0.01	0.08
24.08	San Francisco	San Francisco	10.06	2.09	2.08	0.00	0.02	0.11
28.21	San Francisco	San Francisco	12.26	2.55	2.53	0.00	0.02	0.13
34.74	San Francisco	San Francisco	15.50	3.22	3.20	0.00	0.03	0.17

43.41	San Francisco	San Francisco	19.76	4.11	4.08	0.00	0.03	0.21
43.69	San Francisco	San Francisco	19.91	4.14	4.11	0.00	0.03	0.21
28.24	Impruneta	Impruneta	20.53	4.27	4.24	0.00	0.03	0.22
29.63	Impruneta	Impruneta	21.69	4.51	4.48	0.00	0.04	0.23
33.87	Impruneta	Impruneta	25.23	5.25	5.21	0.00	0.04	0.27
8.70	Aranjuez	Aranjuez	4.56	0.95	0.94	0.00	0.01	0.05
27.10	Aranjuez	Aranjuez	18.19	3.78	3.75	0.00	0.03	0.20
14.69	Fuenlabrada	Fuenlabrada	8.99	1.87	1.86	0.00	0.02	0.10
23.07	Fuenlabrada	Fuenlabrada	15.20	3.16	3.14	0.00	0.03	0.16
14.22	Getafe	Getafe	8.64	1.80	1.78	0.00	0.01	0.09
25.18	Getafe	Getafe	16.77	3.49	3.46	0.00	0.03	0.18
8.43	Mostoles	Mostoles	4.36	0.91	0.90	0.00	0.01	0.05
17.40	Mostoles	Mostoles	11.00	2.29	2.27	0.00	0.02	0.12
13.04	Villalbilla	Villalbilla	7.77	1.62	1.60	0.00	0.01	0.08
21.99	Villalbilla	Villalbilla	14.40	3.00	2.97	0.00	0.02	0.16
9.57	Barcelona	Barcelona	6.17	1.28	1.27	0.00	0.01	0.07
17.02	Barcelona	Barcelona	12.59	2.62	2.60	0.00	0.02	0.14
18.18	Barcelona	Barcelona	13.59	2.83	2.80	0.00	0.02	0.15
20.68	Barcelona	Barcelona	15.75	3.28	3.25	0.00	0.03	0.17
30.46	Barcelona	Barcelona	24.16	5.03	4.99	0.00	0.04	0.26
33.18	Barcelona	Barcelona	26.53	5.52	5.48	0.00	0.04	0.29
37.31	Barcelona	Barcelona	30.09	6.26	6.21	0.00	0.05	0.32
4.11	Badalona	Badalona	1.47	0.31	0.30	0.00	0.00	0.02
12.92	Badalona	Badalona	9.06	1.88	1.87	0.00	0.02	0.10
13.13	Badalona	Badalona	9.24	1.92	1.91	0.00	0.02	0.10
13.55	Badalona	Badalona	9.60	2.00	1.98	0.00	0.02	0.10
26.76	Badalona	Badalona	20.99	4.37	4.33	0.00	0.04	0.23
33.32	Badalona	Badalona	26.64	5.54	5.50	0.00	0.04	0.29
34.32	Badalona	Badalona	27.50	5.72	5.68	0.00	0.05	0.30
11.89	Viladecans	Viladecans	8.17	1.70	1.69	0.00	0.01	0.09
15.06	Viladecans	Viladecans	10.91	2.27	2.25	0.00	0.02	0.12
26.58	Viladecans	Viladecans	20.82	4.33	4.30	0.00	0.03	0.22
22.75	Pontassieve	Pontassieve	15.96	3.32	3.29	0.00	0.03	0.17
28.26	Pontassieve	Pontassieve	20.55	4.28	4.24	0.00	0.03	0.22
25.11	Florence	Florence	17.93	3.73	3.70	0.00	0.03	0.19
27.67	Florence	Florence	20.06	4.17	4.14	0.00	0.03	0.22
27.77	Florence	Florence	20.14	4.19	4.16	0.00	0.03	0.22
5.00	Florence	Florence	1.17	0.24	0.24	0.00	0.00	0.01
5.00	Florence	Florence	1.17	0.24	0.24	0.00	0.00	0.01
8.38	Florence	Florence	3.98	0.83	0.82	0.00	0.01	0.04
10.25	Florence	Florence	5.54	1.15	1.14	0.00	0.01	0.06
10.60	Florence	Florence	5.83	1.21	1.20	0.00	0.01	0.06
12.11	Florence	Florence	7.09	1.48	1.46	0.00	0.01	0.08
14.68	Florence	Florence	9.23	1.92	1.90	0.00	0.02	0.10

14.79	Florence	Florence	9.33	1.94	1.93	0.00	0.02	0.10
15.97	Florence	Florence	10.31	2.14	2.13	0.00	0.02	0.11
16.16	Florence	Florence	10.47	2.18	2.16	0.00	0.02	0.11
16.57	Florence	Florence	10.81	2.25	2.23	0.00	0.02	0.12
16.72	Florence	Florence	10.93	2.27	2.26	0.00	0.02	0.12
16.74	Florence	Florence	10.95	2.28	2.26	0.00	0.02	0.12
17.32	Florence	Florence	11.43	2.38	2.36	0.00	0.02	0.12
18.49	Florence	Florence	12.41	2.58	2.56	0.00	0.02	0.13
19.91	Florence	Florence	13.59	2.83	2.80	0.00	0.02	0.15
20.53	Florence	Florence	14.11	2.94	2.91	0.00	0.02	0.15
21.40	Florence	Florence	14.83	3.09	3.06	0.00	0.02	0.16
22.09	Florence	Florence	15.41	3.21	3.18	0.00	0.03	0.17
23.43	Florence	Florence	16.53	3.44	3.41	0.00	0.03	0.18
24.07	Florence	Florence	17.06	3.55	3.52	0.00	0.03	0.18
25.00	Florence	Florence	17.83	3.71	3.68	0.00	0.03	0.19
25.72	Florence	Florence	18.43	3.83	3.80	0.00	0.03	0.20
26.95	Florence	Florence	19.46	4.05	4.02	0.00	0.03	0.21
27.25	Florence	Florence	19.71	4.10	4.07	0.00	0.03	0.21
28.32	Florence	Florence	20.60	4.29	4.25	0.00	0.03	0.22
28.39	Florence	Florence	20.66	4.30	4.26	0.00	0.03	0.22
28.90	Florence	Florence	21.08	4.39	4.35	0.00	0.04	0.23
29.09	Florence	Florence	21.24	4.42	4.38	0.00	0.04	0.23
29.42	Florence	Florence	21.52	4.48	4.44	0.00	0.04	0.23
30.12	Florence	Florence	22.10	4.60	4.56	0.00	0.04	0.24
30.13	Florence	Florence	22.11	4.60	4.56	0.00	0.04	0.24
30.46	Florence	Florence	22.38	4.66	4.62	0.00	0.04	0.24
31.03	Florence	Florence	22.86	4.76	4.72	0.00	0.04	0.25
32.78	Florence	Florence	24.32	5.06	5.02	0.00	0.04	0.26
32.89	Florence	Florence	24.41	5.08	5.04	0.00	0.04	0.26
33.25	Florence	Florence	24.71	5.14	5.10	0.00	0.04	0.27
34.13	Florence	Florence	25.44	5.29	5.25	0.00	0.04	0.27
37.75	Florence	Florence	28.46	5.92	5.87	0.00	0.05	0.31
39.81	Florence	Florence	30.18	6.28	6.23	0.00	0.05	0.32
61.21	Florence	Florence	48.01	9.99	9.91	0.00	0.08	0.52
68.30	Florence	Florence	53.92	11.22	11.13	0.00	0.09	0.58
75.32	Florence	Florence	59.77	12.44	12.34	0.00	0.10	0.64
28.30	Empoli	Empoli	20.58	4.28	4.25	0.00	0.03	0.22
16.45	Fiesole	Fiesole	10.71	2.23	2.21	0.00	0.02	0.12
59.49	Fiesole	Fiesole	46.58	9.69	9.61	0.00	0.08	0.50
10.83	Fiumicino	Fiumicino	6.03	1.25	1.24	0.00	0.01	0.06
47.30	Fiumicino	Fiumicino	36.42	7.58	7.52	0.00	0.06	0.39
16.43	Florence	Florence	10.69	2.22	2.21	0.00	0.02	0.12
27.35	Florence	Florence	19.79	4.12	4.08	0.00	0.03	0.21
36.37	Florence	Florence	27.31	5.68	5.64	0.00	0.05	0.29

38.98	Florence	Florence	29.48	6.13	6.08	0.00	0.05	0.32
47.57	Florence	Florence	36.64	7.62	7.56	0.00	0.06	0.39
10.30	Pelago	Pelago	5.58	1.16	1.15	0.00	0.01	0.06
14.18	Pelago	Pelago	8.82	1.84	1.82	0.00	0.01	0.09
19.89	Pelago	Pelago	13.58	2.83	2.80	0.00	0.02	0.15
27.10	Pelago	Pelago	19.58	4.07	4.04	0.00	0.03	0.21
28.05	Pelago	Pelago	20.38	4.24	4.21	0.00	0.03	0.22
28.81	Pelago	Pelago	21.01	4.37	4.34	0.00	0.04	0.23
31.68	Reggello	Reggello	23.40	4.87	4.83	0.00	0.04	0.25
30.29	Rufina	Rufina	22.24	4.63	4.59	0.00	0.04	0.24
10.47	Scandicci	Scandicci	5.73	1.19	1.18	0.00	0.01	0.06
12.43	Scandicci	Scandicci	7.36	1.53	1.52	0.00	0.01	0.08
14.63	Scandicci	Scandicci	9.19	1.91	1.90	0.00	0.02	0.10
19.58	Scandicci	Scandicci	13.32	2.77	2.75	0.00	0.02	0.14
19.62	Scandicci	Scandicci	13.35	2.78	2.76	0.00	0.02	0.14
25.50	Scandicci	Scandicci	18.25	3.80	3.77	0.00	0.03	0.20
32.85	Scandicci	Scandicci	24.38	5.07	5.03	0.00	0.04	0.26
34.92	Scandicci	Scandicci	26.10	5.43	5.39	0.00	0.04	0.28
43.43	Scandicci	Scandicci	33.19	6.91	6.85	0.00	0.06	0.36
20.80	Hackney	Hackney	6.84	1.42	1.41	0.00	0.01	0.07
48.00	Letchworth	Letchworth	41.15	8.56	8.49	0.00	0.07	0.44
35.00	Lichfield	Lichfield	27.33	5.69	5.64	0.00	0.05	0.29
40.00	Lichfield	Lichfield	31.69	6.59	6.54	0.00	0.05	0.34
16.28	Northampton	Northampton	9.50	1.98	1.96	0.00	0.02	0.10
13.00	Reading	Reading	5.54	1.15	1.14	0.00	0.01	0.06
7.50	Rhyl	Rhyl	3.06	0.64	0.63	0.00	0.01	0.03
7.90	Rhyl	Rhyl	3.22	0.67	0.66	0.00	0.01	0.03
24.40	Ruislip	Ruislip	13.28	2.76	2.74	0.00	0.02	0.14
25.00	Stockport	Stockport	13.65	2.84	2.82	0.00	0.02	0.15
28.00	Stockport	Stockport	15.50	3.22	3.20	0.00	0.03	0.17
41.80	Stockport	Stockport	24.00	4.99	4.95	0.00	0.04	0.26
71.20	Stockport	Stockport	42.10	8.76	8.69	0.00	0.07	0.45
95.00	Stockport	Stockport	56.76	11.81	11.71	0.00	0.09	0.61
10.00	Belfast	Belfast	3.70	0.77	0.76	0.00	0.01	0.04
23.00	Belfast	Belfast	14.90	3.10	3.08	0.00	0.02	0.16
25.00	Belfast	Belfast	16.60	3.45	3.43	0.00	0.03	0.18
25.00	Belfast	Belfast	16.60	3.45	3.43	0.00	0.03	0.18
30.00	Belfast	Belfast	21.00	4.37	4.33	0.00	0.04	0.23
30.13	Bury	Bury	17.60	3.66	3.63	0.00	0.03	0.19
20.60	Croydon	Croydon	6.84	1.42	1.41	0.00	0.01	0.07
14.00	Enfield	Enfield	4.11	0.86	0.85	0.00	0.01	0.04
31.80	Middlesex	Middlesex	9.58	1.99	1.98	0.00	0.02	0.10
39.88	Middlesex	Middlesex	13.71	2.85	2.83	0.00	0.02	0.15
34.00	TW6 2GA	TW6 2GA	11.71	2.44	2.42	0.00	0.02	0.13

21.00	Welwyn	Welwyn	6.90	1.44	1.42	0.00	0.01	0.07
100.00	Aberdeen	Aberdeen	65.80	13.69	13.58	0.00	0.11	0.71
15.60	Aldershot	Aldershot	7.48	1.56	1.54	0.00	0.01	0.08
92.40	Aldershot	Aldershot	49.20	10.24	10.15	0.00	0.08	0.53
38.20	Ashbourne	Ashbourne	31.90	6.64	6.58	0.00	0.05	0.34
38.23	Ashbourne	Ashbourne	31.90	6.64	6.58	0.00	0.05	0.34
8.00	Aylesbury	Aylesbury	3.22	0.67	0.66	0.00	0.01	0.03
10.00	Aylesbury	Aylesbury	4.83	1.00	1.00	0.00	0.01	0.05
9.09	Beaconsfield	Beaconsfield	4.18	0.87	0.86	0.00	0.01	0.05
9.85	Beaconsfield	Beaconsfield	4.94	1.03	1.02	0.00	0.01	0.05
10.43	Beaconsfield	Beaconsfield	5.35	1.11	1.10	0.00	0.01	0.06
12.00	Beaconsfield	Beaconsfield	5.55	1.15	1.15	0.00	0.01	0.06
18.00	Beaconsfield	Beaconsfield	10.36	2.16	2.14	0.00	0.02	0.11
26.11	Beaconsfield	Beaconsfield	17.91	3.73	3.70	0.00	0.03	0.19
28.15	Beaconsfield	Beaconsfield	19.50	4.06	4.02	0.00	0.03	0.21
29.78	Beaconsfield	Beaconsfield	20.81	4.33	4.29	0.00	0.03	0.22
40.00	Beaconsfield	Beaconsfield	29.16	6.07	6.02	0.00	0.05	0.31
45.00	Beaconsfield	Beaconsfield	33.72	7.02	6.96	0.00	0.06	0.36
49.00	Beaconsfield	Beaconsfield	36.88	7.67	7.61	0.00	0.06	0.40
35.00	Bedford	Bedford	24.80	5.16	5.12	0.00	0.04	0.27
40.00	Bedford	Bedford	28.50	5.93	5.88	0.00	0.05	0.31
40.00	Bedford	Bedford	28.50	5.93	5.88	0.00	0.05	0.31
9.50	Bicester	Bicester	4.55	0.95	0.94	0.00	0.01	0.05
33.02	Bicester	Bicester	20.40	4.24	4.21	0.00	0.03	0.22
9.30	Burnham	Burnham	4.34	0.90	0.90	0.00	0.01	0.05
13.96	Burnham	Burnham	8.04	1.67	1.66	0.00	0.01	0.09
41.57	Cambridge	Cambridge	25.91	5.39	5.35	0.00	0.04	0.28
10.50	Cardiff	Cardiff	5.67	1.18	1.17	0.00	0.01	0.06
26.00	Cardiff	Cardiff	17.79	3.70	3.67	0.00	0.03	0.19
44.50	Cardiff	Cardiff	32.10	6.68	6.62	0.00	0.05	0.35
90.00	Cardiff	Cardiff	67.49	14.04	13.93	0.00	0.11	0.73
13.88	Cheddar	Cheddar	6.60	1.37	1.36	0.00	0.01	0.07
30.95	Chester	Chester	24.50	5.10	5.06	0.00	0.04	0.26
20.00	Coventry	Coventry	9.67	2.01	2.00	0.00	0.02	0.10
12.97	Doncaster	Doncaster	8.55	1.78	1.76	0.00	0.01	0.09
15.90	Edinburgh	Edinburgh	6.77	1.41	1.40	0.00	0.01	0.07
19.60	Edinburgh	Edinburgh	9.01	1.87	1.86	0.00	0.02	0.10
21.80	Edinburgh	Edinburgh	10.21	2.12	2.11	0.00	0.02	0.11
10.29	Hounslow	Hounslow	2.66	0.55	0.55	0.00	0.00	0.03
13.41	Hounslow	Hounslow	3.94	0.82	0.81	0.00	0.01	0.04
19.53	Hounslow	Hounslow	6.36	1.32	1.31	0.00	0.01	0.07
23.53	Hounslow	Hounslow	7.97	1.66	1.64	0.00	0.01	0.09
24.14	Hounslow	Hounslow	8.21	1.71	1.69	0.00	0.01	0.09

25.28	Hounslow	Hounslow	8.69	1.81	1.79	0.00	0.01	0.09
26.38	Hounslow	Hounslow	9.10	1.89	1.88	0.00	0.02	0.10
26.85	Hounslow	Hounslow	9.34	1.94	1.93	0.00	0.02	0.10
27.52	Hounslow	Hounslow	9.58	1.99	1.98	0.00	0.02	0.10
27.53	Hounslow	Hounslow	9.58	1.99	1.98	0.00	0.02	0.10
27.54	Hounslow	Hounslow	9.58	1.99	1.98	0.00	0.02	0.10
28.70	Hounslow	Hounslow	9.98	2.08	2.06	0.00	0.02	0.11
32.15	Hounslow	Hounslow	11.11	2.31	2.29	0.00	0.02	0.12
9.80	Lancaster	Lancaster	4.97	1.03	1.03	0.00	0.01	0.05
22.85	Lancaster	Lancaster	14.63	3.04	3.02	0.00	0.02	0.16
26.19	Lancaster	Lancaster	16.97	3.53	3.50	0.00	0.03	0.18
31.17	Lancaster	Lancaster	20.63	4.29	4.26	0.00	0.03	0.22
11.40	Sheffield	Sheffield	6.53	1.36	1.35	0.00	0.01	0.07
8.00	Slough	Slough	3.39	0.71	0.70	0.00	0.01	0.04
6.00	Ware	Ware	3.52	0.73	0.73	0.00	0.01	0.04
10.00	Ware	Ware	6.99	1.45	1.44	0.00	0.01	0.08
27.20	Ware	Ware	21.93	4.56	4.53	0.00	0.04	0.24
7.70	Warrington	Warrington	3.74	0.78	0.77	0.00	0.01	0.04
7.70	Warrington	Warrington	3.74	0.78	0.77	0.00	0.01	0.04
20.00	Warwick	Warwick	11.30	2.35	2.33	0.00	0.02	0.12
25.00	Warwick	Warwick	14.50	3.02	2.99	0.00	0.02	0.16
35.00	Windsor	Windsor	23.70	4.93	4.89	0.00	0.04	0.26
43.00	Windsor	Windsor	27.20	5.66	5.61	0.00	0.05	0.29
28.68	Woking	Woking	14.71	3.06	3.04	0.00	0.02	0.16
55.00	Woking	Woking	29.74	6.19	6.14	0.00	0.05	0.32
7.78	Singapore	Singapore	3.51	0.73	0.72	0.00	0.01	0.04
7.84	Singapore	Singapore	3.57	0.74	0.74	0.00	0.01	0.04
9.12	Singapore	Singapore	4.65	0.97	0.96	0.00	0.01	0.05
9.99	Singapore	Singapore	5.40	1.12	1.11	0.00	0.01	0.06
10.91	Singapore	Singapore	6.16	1.28	1.27	0.00	0.01	0.07
11.61	Singapore	Singapore	6.71	1.40	1.38	0.00	0.01	0.07
12.06	Singapore	Singapore	7.06	1.47	1.46	0.00	0.01	0.08
13.72	Singapore	Singapore	8.33	1.73	1.72	0.00	0.01	0.09
14.52	Singapore	Singapore	8.97	1.87	1.85	0.00	0.01	0.10
15.88	Singapore	Singapore	10.10	2.10	2.08	0.00	0.02	0.11
16.11	Singapore	Singapore	10.28	2.14	2.12	0.00	0.02	0.11
17.47	Singapore	Singapore	11.43	2.38	2.36	0.00	0.02	0.12
17.85	Singapore	Singapore	11.73	2.44	2.42	0.00	0.02	0.13
19.34	Singapore	Singapore	12.97	2.70	2.68	0.00	0.02	0.14
19.66	Singapore	Singapore	13.22	2.75	2.73	0.00	0.02	0.14
20.57	Singapore	Singapore	13.97	2.91	2.88	0.00	0.02	0.15
20.57	Singapore	Singapore	13.97	2.91	2.88	0.00	0.02	0.15
20.95	Singapore	Singapore	14.27	2.97	2.95	0.00	0.02	0.15
23.87	Singapore	Singapore	16.54	3.44	3.41	0.00	0.03	0.18

25.68	Singapore	Singapore	17.96	3.74	3.71	0.00	0.03	0.19
33.16	Singapore	Singapore	23.86	4.96	4.92	0.00	0.04	0.26
42.05	Singapore	Singapore	30.51	6.35	6.30	0.00	0.05	0.33
43.58	Singapore	Singapore	31.67	6.59	6.54	0.00	0.05	0.34
56.62	Singapore	Singapore	40.99	8.53	8.46	0.00	0.07	0.44
68.71	Singapore	Singapore	49.36	10.27	10.19	0.00	0.08	0.53
77.28	Singapore	Singapore	55.63	11.57	11.48	0.00	0.09	0.60
10.00	SL9	SL9 8PP	3.50	0.73	0.72	0.00	0.01	0.04
10.00	SL9	SL9 8PP	3.50	0.73	0.72	0.00	0.01	0.04
10.00	SL9 8PP	SL9	3.50	0.73	0.72	0.00	0.01	0.04
22.90	A94	D02 F243	7.70	1.60	1.59	0.00	0.01	0.08
30.86	A94	D07 XC61	11.20	2.33	2.31	0.00	0.02	0.12
42.00	B26 3QJ	CV3	24.90	5.18	5.14	0.00	0.04	0.27
8.88	B4 7	B6 4BE	1.30	0.27	0.27	0.00	0.00	0.01
29.93	B4 7	B26 3QJ	22.90	4.76	4.73	0.00	0.04	0.25
5.31	B6 4BE	B7 4BL	1.30	0.27	0.27	0.00	0.00	0.01
6.05	Barcelona	Barcelona	2.43	0.51	0.50	0.00	0.00	0.03
7.27	Barcelona	Barcelona	3.37	0.70	0.70	0.00	0.01	0.04
8.78	Barcelona	Barcelona	4.49	0.93	0.93	0.00	0.01	0.05
9.33	Barcelona	Barcelona	4.90	1.02	1.01	0.00	0.01	0.05
10.48	Barcelona	Barcelona	5.77	1.20	1.19	0.00	0.01	0.06
11.31	Barcelona	Barcelona	6.40	1.33	1.32	0.00	0.01	0.07
12.44	Barcelona	Barcelona	7.25	1.51	1.50	0.00	0.01	0.08
13.05	Barcelona	Barcelona	7.70	1.60	1.59	0.00	0.01	0.08
13.43	Barcelona	Barcelona	7.98	1.66	1.65	0.00	0.01	0.09
13.45	Barcelona	Barcelona	7.99	1.66	1.65	0.00	0.01	0.09
13.63	Barcelona	Barcelona	8.13	1.69	1.68	0.00	0.01	0.09
14.59	Barcelona	Barcelona	8.87	1.85	1.83	0.00	0.01	0.10
14.80	Barcelona	Barcelona	9.03	1.88	1.86	0.00	0.02	0.10
15.98	Barcelona	Barcelona	9.97	2.07	2.06	0.00	0.02	0.11
16.21	Barcelona	Barcelona	10.14	2.11	2.09	0.00	0.02	0.11
16.59	Barcelona	Barcelona	10.42	2.17	2.15	0.00	0.02	0.11
18.02	Barcelona	Barcelona	11.49	2.39	2.37	0.00	0.02	0.12
19.28	Barcelona	Barcelona	12.44	2.59	2.57	0.00	0.02	0.13
20.22	Barcelona	Barcelona	13.13	2.73	2.71	0.00	0.02	0.14
23.04	Barcelona	Barcelona	15.35	3.19	3.17	0.00	0.03	0.17
23.39	Barcelona	Barcelona	15.62	3.25	3.22	0.00	0.03	0.17
23.77	Barcelona	Barcelona	15.90	3.31	3.28	0.00	0.03	0.17
24.01	Barcelona	Barcelona	16.08	3.35	3.32	0.00	0.03	0.17
26.12	Barcelona	Barcelona	17.66	3.67	3.64	0.00	0.03	0.19
27.06	Barcelona	Barcelona	18.36	3.82	3.79	0.00	0.03	0.20
27.94	Barcelona	Barcelona	19.03	3.96	3.93	0.00	0.03	0.20
28.31	Barcelona	Barcelona	19.31	4.02	3.99	0.00	0.03	0.21
29.55	Barcelona	Barcelona	20.27	4.22	4.18	0.00	0.03	0.22

31.15	Barcelona	Barcelona	21.45	4.46	4.43	0.00	0.04	0.23
32.24	Barcelona	Barcelona	22.28	4.64	4.60	0.00	0.04	0.24
32.69	Barcelona	Barcelona	22.61	4.70	4.67	0.00	0.04	0.24
33.32	Barcelona	Barcelona	23.07	4.80	4.76	0.00	0.04	0.25
33.38	Barcelona	Barcelona	23.12	4.81	4.77	0.00	0.04	0.25
56.72	Barcelona	Barcelona	41.88	8.71	8.64	0.00	0.07	0.45
20.00	BD23 1RT	BD23 4EA	12.10	2.52	2.50	0.00	0.02	0.13
20.00	BD23 4EA	BD23 1RT	12.10	2.52	2.50	0.00	0.02	0.13
7.84	Berlin	Berlin	1.26	0.26	0.26	0.00	0.00	0.01
10.63	Berlin	Berlin	2.26	0.47	0.47	0.00	0.00	0.02
14.22	Berlin	Berlin	3.59	0.75	0.74	0.00	0.01	0.04
16.87	Berlin	Berlin	4.60	0.96	0.95	0.00	0.01	0.05
18.72	Berlin	Berlin	5.32	1.11	1.10	0.00	0.01	0.06
19.04	Berlin	Berlin	5.44	1.13	1.12	0.00	0.01	0.06
19.36	Berlin	Berlin	5.56	1.16	1.15	0.00	0.01	0.06
19.52	Berlin	Berlin	5.62	1.17	1.16	0.00	0.01	0.06
19.96	Berlin	Berlin	5.79	1.21	1.20	0.00	0.01	0.06
20.60	Berlin	Berlin	6.04	1.26	1.25	0.00	0.01	0.07
20.63	Berlin	Berlin	6.05	1.26	1.25	0.00	0.01	0.07
21.33	Berlin	Berlin	6.32	1.31	1.30	0.00	0.01	0.07
22.14	Berlin	Berlin	6.63	1.38	1.37	0.00	0.01	0.07
23.03	Berlin	Berlin	6.97	1.45	1.44	0.00	0.01	0.08
32.51	Berlin	Berlin	11.48	2.39	2.37	0.00	0.02	0.12
38.49	Berlin	Berlin	14.33	2.98	2.96	0.00	0.02	0.15
43.67	Berlin	Berlin	16.80	3.49	3.47	0.00	0.03	0.18
55.85	Berlin	Berlin	22.60	4.70	4.66	0.00	0.04	0.24
57.92	Berlin	Berlin	23.58	4.91	4.87	0.00	0.04	0.25
61.85	Berlin	Berlin	25.45	5.30	5.25	0.00	0.04	0.27
63.29	Berlin	Berlin	26.14	5.44	5.39	0.00	0.04	0.28
75.40	Berlin	Berlin	31.91	6.64	6.58	0.00	0.05	0.34
10.00	Birmingham	Berlin	0.00	0.00	0.00	0.00	0.00	0.00
20.00	Birmingham	Berlin	0.00	0.00	0.00	0.00	0.00	0.00
97.50	Birmingham	OX4	0.00	0.00	0.00	0.00	0.00	0.00
10.00	Bristol	Bristol	0.00	0.00	0.00	0.00	0.00	0.00
33.96	Bristol	Bristol	0.00	0.00	0.00	0.00	0.00	0.00
38.00	Bristol	Bristol	0.00	0.00	0.00	0.00	0.00	0.00
42.80	BT29 4AB	BT1 6DY	33.00	6.87	6.81	0.00	0.06	0.36
18.28	CA 92101	CA 92103	4.10	0.85	0.85	0.00	0.01	0.04
25.13	CA 92101	CA 92106	10.40	2.16	2.15	0.00	0.02	0.11
20.91	CB1 2GA	CB22 3AT	15.23	3.17	3.14	0.00	0.03	0.16
48.00	CB11	CM24 1QW	38.25	7.96	7.89	0.00	0.06	0.41
48.20	CB11	CM24 1QW	38.42	7.99	7.93	0.00	0.06	0.41
165.00	CB11	TW6 2GA	137.70	28.65	28.42	0.00	0.23	1.48

70.00	CB2	CM24 1RW	56.95	11.85	11.75	0.00	0.10	0.61
70.00	CB2	CM24 1RW	56.95	11.85	11.75	0.00	0.10	0.61
70.00	CB2	LU2 9QT	56.95	11.85	11.75	0.00	0.10	0.61
90.00	CB2	LU2 9QT	73.95	15.39	15.26	0.00	0.12	0.80
110.00	CB2	TW6 2GA	90.95	18.92	18.77	0.00	0.15	0.98
140.00	CB2	TW6 2GA	116.45	24.23	24.03	0.00	0.19	1.25
140.00	CB2	TW6 2GA	116.45	24.23	24.03	0.00	0.19	1.25
140.00	CB2	RH6 ONP	116.45	24.23	24.03	0.00	0.19	1.25
140.00	CB2	RH6 ONP	116.45	24.23	24.03	0.00	0.19	1.25
140.00	CB2	TW6 2GA	116.45	24.23	24.03	0.00	0.19	1.25
140.00	CB2	TW6 2GA	116.45	24.23	24.03	0.00	0.19	1.25
160.00	CB2	RH6 ONP	133.45	27.76	27.54	0.00	0.22	1.44
170.00	CB2	RH6 ONP	141.95	29.53	29.30	0.00	0.24	1.53
21.94	CB2 1PG	CB22 3AT	16.10	3.35	3.32	0.00	0.03	0.17
18.97	CB22 3AT	CB1 2GA	13.58	2.83	2.80	0.00	0.02	0.15
21.96	CB22 3AT	CB1 2GA	16.12	3.35	3.33	0.00	0.03	0.17
45.00	CH5 3AL	LL17 0DQ	31.60	6.57	6.52	0.00	0.05	0.34
47.60	CM24 1QW	CB11	23.80	4.95	4.91	0.00	0.04	0.26
75.57	CM24 1QW	EN5	58.30	12.13	12.03	0.00	0.10	0.63
75.00	CM24 1RW	CB2	45.20	9.40	9.33	0.00	0.08	0.49
7.40	CV1 2GT	CV3	5.90	1.23	1.22	0.00	0.01	0.06
6.80	CV3	CV1 2GT	5.90	1.23	1.22	0.00	0.01	0.06
40.00	CV3	B26 3QJ	24.20	5.03	4.99	0.00	0.04	0.26
32.20	Dublin	Dublin	20.11	4.18	4.15	0.00	0.03	0.22
32.31	Dublin	Dublin	20.17	4.20	4.16	0.00	0.03	0.22
32.32	Dublin	Dublin	20.18	4.20	4.16	0.00	0.03	0.22
32.59	Dublin	Dublin	20.34	4.23	4.20	0.00	0.03	0.22
33.00	Dublin	Dublin	20.57	4.28	4.25	0.00	0.03	0.22
33.90	Dublin	Dublin	21.10	4.39	4.35	0.00	0.04	0.23
33.97	Dublin	Dublin	21.14	4.40	4.36	0.00	0.04	0.23
34.04	Dublin	Dublin	21.18	4.41	4.37	0.00	0.04	0.23
34.17	Dublin	Dublin	21.25	4.42	4.39	0.00	0.04	0.23
34.66	Dublin	Dublin	21.54	4.48	4.45	0.00	0.04	0.23
35.09	Dublin	Dublin	21.79	4.53	4.50	0.00	0.04	0.23
35.24	Dublin	Dublin	21.88	4.55	4.51	0.00	0.04	0.24
35.45	Dublin	Dublin	22.00	4.58	4.54	0.00	0.04	0.24
36.83	Dublin	Dublin	22.80	4.74	4.71	0.00	0.04	0.25
36.94	Dublin	Dublin	22.86	4.76	4.72	0.00	0.04	0.25

37.04	Dublin	Dublin	22.92	4.77	4.73	0.00	0.04	0.25
37.16	Dublin	Dublin	22.99	4.78	4.75	0.00	0.04	0.25
37.50	Dublin	Dublin	23.19	4.82	4.79	0.00	0.04	0.25
37.91	Dublin	Dublin	23.43	4.87	4.84	0.00	0.04	0.25
37.99	Dublin	Dublin	23.48	4.88	4.84	0.00	0.04	0.25
37.99	Dublin	Dublin	23.48	4.88	4.84	0.00	0.04	0.25
38.06	Dublin	Dublin	23.52	4.89	4.85	0.00	0.04	0.25
39.20	Dublin	Dublin	24.18	5.03	4.99	0.00	0.04	0.26
39.22	Dublin	Dublin	24.19	5.03	4.99	0.00	0.04	0.26
39.24	Dublin	Dublin	24.20	5.04	4.99	0.00	0.04	0.26
39.24	Dublin	Dublin	24.20	5.04	4.99	0.00	0.04	0.26
39.74	Dublin	Dublin	24.49	5.10	5.05	0.00	0.04	0.26
39.91	Dublin	Dublin	24.59	5.12	5.08	0.00	0.04	0.26
40.92	Dublin	Dublin	25.18	5.24	5.20	0.00	0.04	0.27
41.16	Dublin	Dublin	25.32	5.27	5.23	0.00	0.04	0.27
42.19	Dublin	Dublin	25.92	5.39	5.35	0.00	0.04	0.28
44.26	Dublin	Dublin	27.12	5.64	5.60	0.00	0.05	0.29
47.11	Dublin	Dublin	28.78	5.99	5.94	0.00	0.05	0.31
17.90	E12	E16 2PX	9.90	2.06	2.04	0.00	0.02	0.11
62.99	E16	SW19	24.70	5.14	5.10	0.00	0.04	0.27
8.83	E16 1AA	E16 2AE	3.30	0.69	0.68	0.00	0.01	0.04
60.66	E16 1XL	NW1 2FB	18.30	3.81	3.78	0.00	0.03	0.20
8.42	E16 2AE	E16 1AA	4.40	0.92	0.91	0.00	0.01	0.05
8.91	E16 2AE	E16 3HE	4.00	0.83	0.83	0.00	0.01	0.04
27.38	E16 2HJ	SE1 8SW	15.20	3.16	3.14	0.00	0.03	0.16
34.20	E16 2HJ	RM12	18.50	3.85	3.82	0.00	0.03	0.20
55.99	E16 2HJ	TW11	34.30	7.14	7.08	0.00	0.06	0.37
77.01	E16 2HJ	TW15 1JQ	45.00	9.36	9.29	0.00	0.08	0.48
22.00	E16 2PX	N1	14.00	2.91	2.89	0.00	0.02	0.15
44.92	E16 2PX	RM2	21.70	4.51	4.48	0.00	0.04	0.23
57.99	E16 2PX	SW19	25.50	5.31	5.26	0.00	0.04	0.27
58.46	E16 2PX	SW19	25.50	5.31	5.26	0.00	0.04	0.27
122.00	E16 2PX	CB25	120.00	24.97	24.77	0.00	0.20	1.29
8.12	EC1M 3HA	WC1X 8TX	1.10	0.23	0.23	0.00	0.00	0.01
7.95	EC2A 3DZ	E2 9	2.80	0.58	0.58	0.00	0.00	0.03
22.00	EH1 3NH	EH12 8NF	11.80	2.45	2.44	0.00	0.02	0.13
17.00	EH12 8NF	EH12 9FS	4.60	0.96	0.95	0.00	0.01	0.05
22.00	EH12 8NF	EH1 3NH	11.80	2.45	2.44	0.00	0.02	0.13
7.80	Firenze	Firenze	5.59	1.16	1.15	0.00	0.01	0.06
8.42	Firenze	Firenze	6.22	1.29	1.28	0.00	0.01	0.07
9.06	Firenze	Firenze	6.88	1.43	1.42	0.00	0.01	0.07
9.31	Firenze	Firenze	7.13	1.48	1.47	0.00	0.01	0.08
9.63	Firenze	Firenze	7.46	1.55	1.54	0.00	0.01	0.08

9.91	Firenze	Firenze	7.74	1.61	1.60	0.00	0.01	0.08
10.08	Firenze	Firenze	7.92	1.65	1.63	0.00	0.01	0.09
10.20	Firenze	Firenze	8.04	1.67	1.66	0.00	0.01	0.09
10.31	Firenze	Firenze	8.15	1.70	1.68	0.00	0.01	0.09
10.38	Firenze	Firenze	8.22	1.71	1.70	0.00	0.01	0.09
10.63	Firenze	Firenze	8.48	1.76	1.75	0.00	0.01	0.09
10.89	Firenze	Firenze	8.74	1.82	1.80	0.00	0.01	0.09
11.15	Firenze	Firenze	9.01	1.87	1.86	0.00	0.02	0.10
11.18	Firenze	Firenze	9.04	1.88	1.87	0.00	0.02	0.10
11.26	Firenze	Firenze	9.12	1.90	1.88	0.00	0.02	0.10
11.67	Firenze	Firenze	9.54	1.98	1.97	0.00	0.02	0.10
11.79	Firenze	Firenze	9.66	2.01	1.99	0.00	0.02	0.10
11.90	Firenze	Firenze	9.78	2.03	2.02	0.00	0.02	0.11
11.93	Firenze	Firenze	9.81	2.04	2.02	0.00	0.02	0.11
12.07	Firenze	Firenze	9.95	2.07	2.05	0.00	0.02	0.11
12.20	Firenze	Firenze	10.08	2.10	2.08	0.00	0.02	0.11
12.25	Firenze	Firenze	10.13	2.11	2.09	0.00	0.02	0.11
12.28	Firenze	Firenze	10.16	2.11	2.10	0.00	0.02	0.11
12.44	Firenze	Firenze	10.33	2.15	2.13	0.00	0.02	0.11
12.47	Firenze	Firenze	10.36	2.16	2.14	0.00	0.02	0.11
12.52	Firenze	Firenze	10.41	2.17	2.15	0.00	0.02	0.11
12.54	Firenze	Firenze	10.43	2.17	2.15	0.00	0.02	0.11
12.56	Firenze	Firenze	10.45	2.17	2.16	0.00	0.02	0.11
12.62	Firenze	Firenze	10.51	2.19	2.17	0.00	0.02	0.11
12.63	Firenze	Firenze	10.52	2.19	2.17	0.00	0.02	0.11
12.75	Firenze	Firenze	10.64	2.21	2.20	0.00	0.02	0.11
12.83	Firenze	Firenze	10.72	2.23	2.21	0.00	0.02	0.12
12.86	Firenze	Firenze	10.76	2.24	2.22	0.00	0.02	0.12
12.90	Firenze	Firenze	10.80	2.25	2.23	0.00	0.02	0.12
12.90	Firenze	Firenze	10.80	2.25	2.23	0.00	0.02	0.12
12.91	Firenze	Firenze	10.81	2.25	2.23	0.00	0.02	0.12
12.96	Firenze	Firenze	10.86	2.26	2.24	0.00	0.02	0.12
12.97	Firenze	Firenze	10.87	2.26	2.24	0.00	0.02	0.12
13.03	Firenze	Firenze	10.93	2.27	2.26	0.00	0.02	0.12
13.06	Firenze	Firenze	10.96	2.28	2.26	0.00	0.02	0.12
13.06	Firenze	Firenze	10.96	2.28	2.26	0.00	0.02	0.12
13.13	Firenze	Firenze	11.03	2.29	2.28	0.00	0.02	0.12
13.14	Firenze	Firenze	11.04	2.30	2.28	0.00	0.02	0.12
13.36	Firenze	Firenze	11.27	2.34	2.33	0.00	0.02	0.12
13.60	Firenze	Firenze	11.51	2.39	2.38	0.00	0.02	0.12
13.68	Firenze	Firenze	11.59	2.41	2.39	0.00	0.02	0.12
13.75	Firenze	Firenze	11.66	2.43	2.41	0.00	0.02	0.13
13.76	Firenze	Firenze	11.67	2.43	2.41	0.00	0.02	0.13
13.76	Firenze	Firenze	11.67	2.43	2.41	0.00	0.02	0.13

13.84	Firenze	Firenze	11.76	2.45	2.43	0.00	0.02	0.13
13.84	Firenze	Firenze	11.76	2.45	2.43	0.00	0.02	0.13
13.93	Firenze	Firenze	11.85	2.47	2.45	0.00	0.02	0.13
14.00	Firenze	Firenze	11.92	2.48	2.46	0.00	0.02	0.13
14.00	Firenze	Firenze	11.92	2.48	2.46	0.00	0.02	0.13
14.00	Firenze	Firenze	11.92	2.48	2.46	0.00	0.02	0.13
14.00	Firenze	Firenze	11.92	2.48	2.46	0.00	0.02	0.13
14.11	Firenze	Firenze	12.03	2.50	2.48	0.00	0.02	0.13
14.15	Firenze	Firenze	12.07	2.51	2.49	0.00	0.02	0.13
14.19	Firenze	Firenze	12.11	2.52	2.50	0.00	0.02	0.13
14.29	Firenze	Firenze	12.21	2.54	2.52	0.00	0.02	0.13
14.29	Firenze	Firenze	12.21	2.54	2.52	0.00	0.02	0.13
14.32	Firenze	Firenze	12.24	2.55	2.53	0.00	0.02	0.13
14.62	Firenze	Firenze	12.55	2.61	2.59	0.00	0.02	0.14
14.90	Firenze	Firenze	12.84	2.67	2.65	0.00	0.02	0.14
14.98	Firenze	Firenze	12.92	2.69	2.67	0.00	0.02	0.14
15.06	Firenze	Firenze	13.00	2.70	2.68	0.00	0.02	0.14
15.07	Firenze	Firenze	13.01	2.71	2.69	0.00	0.02	0.14
15.28	Firenze	Firenze	13.22	2.75	2.73	0.00	0.02	0.14
15.35	Firenze	Firenze	13.30	2.77	2.74	0.00	0.02	0.14
15.47	Firenze	Firenze	13.42	2.79	2.77	0.00	0.02	0.14
15.48	Firenze	Firenze	13.43	2.79	2.77	0.00	0.02	0.14
15.58	Firenze	Firenze	13.53	2.81	2.79	0.00	0.02	0.15
15.81	Firenze	Firenze	13.77	2.86	2.84	0.00	0.02	0.15
15.85	Firenze	Firenze	13.81	2.87	2.85	0.00	0.02	0.15
15.98	Firenze	Firenze	13.94	2.90	2.88	0.00	0.02	0.15
16.10	Firenze	Firenze	14.06	2.93	2.90	0.00	0.02	0.15
16.10	Firenze	Firenze	14.06	2.93	2.90	0.00	0.02	0.15
16.28	Firenze	Firenze	14.24	2.96	2.94	0.00	0.02	0.15
16.28	Firenze	Firenze	14.24	2.96	2.94	0.00	0.02	0.15
16.40	Firenze	Firenze	14.37	2.99	2.97	0.00	0.02	0.15
16.43	Firenze	Firenze	14.40	3.00	2.97	0.00	0.02	0.16
16.67	Firenze	Firenze	14.64	3.05	3.02	0.00	0.02	0.16
16.68	Firenze	Firenze	14.65	3.05	3.02	0.00	0.02	0.16
16.69	Firenze	Firenze	14.66	3.05	3.03	0.00	0.02	0.16
16.75	Firenze	Firenze	14.72	3.06	3.04	0.00	0.02	0.16
16.78	Firenze	Firenze	14.76	3.07	3.05	0.00	0.02	0.16
16.89	Firenze	Firenze	14.87	3.09	3.07	0.00	0.02	0.16
16.92	Firenze	Firenze	14.90	3.10	3.08	0.00	0.02	0.16
16.94	Firenze	Firenze	14.92	3.10	3.08	0.00	0.02	0.16
17.02	Firenze	Firenze	15.00	3.12	3.10	0.00	0.03	0.16
17.12	Firenze	Firenze	15.10	3.14	3.12	0.00	0.03	0.16
17.19	Firenze	Firenze	15.17	3.16	3.13	0.00	0.03	0.16
17.26	Firenze	Firenze	15.24	3.17	3.15	0.00	0.03	0.16

17.31	Firenze	Firenze	15.30	3.18	3.16	0.00	0.03	0.16
17.31	Firenze	Firenze	15.30	3.18	3.16	0.00	0.03	0.16
17.43	Firenze	Firenze	15.42	3.21	3.18	0.00	0.03	0.17
17.44	Firenze	Firenze	15.43	3.21	3.18	0.00	0.03	0.17
17.45	Firenze	Firenze	15.44	3.21	3.19	0.00	0.03	0.17
17.59	Firenze	Firenze	15.58	3.24	3.22	0.00	0.03	0.17
17.69	Firenze	Firenze	15.68	3.26	3.24	0.00	0.03	0.17
17.75	Firenze	Firenze	15.74	3.27	3.25	0.00	0.03	0.17
17.78	Firenze	Firenze	15.78	3.28	3.26	0.00	0.03	0.17
17.81	Firenze	Firenze	15.81	3.29	3.26	0.00	0.03	0.17
17.83	Firenze	Firenze	15.83	3.29	3.27	0.00	0.03	0.17
17.87	Firenze	Firenze	15.87	3.30	3.28	0.00	0.03	0.17
17.88	Firenze	Firenze	15.88	3.30	3.28	0.00	0.03	0.17
18.04	Firenze	Firenze	16.04	3.34	3.31	0.00	0.03	0.17
18.09	Firenze	Firenze	16.09	3.35	3.32	0.00	0.03	0.17
18.11	Firenze	Firenze	16.11	3.35	3.32	0.00	0.03	0.17
18.16	Firenze	Firenze	16.16	3.36	3.34	0.00	0.03	0.17
18.25	Firenze	Firenze	16.26	3.38	3.36	0.00	0.03	0.18
18.25	Firenze	Firenze	16.26	3.38	3.36	0.00	0.03	0.18
18.42	Firenze	Firenze	16.43	3.42	3.39	0.00	0.03	0.18
18.50	Firenze	Firenze	16.51	3.43	3.41	0.00	0.03	0.18
18.51	Firenze	Firenze	16.52	3.44	3.41	0.00	0.03	0.18
18.54	Firenze	Firenze	16.55	3.44	3.42	0.00	0.03	0.18
18.65	Firenze	Firenze	16.66	3.47	3.44	0.00	0.03	0.18
18.66	Firenze	Firenze	16.67	3.47	3.44	0.00	0.03	0.18
18.66	Firenze	Firenze	16.67	3.47	3.44	0.00	0.03	0.18
18.68	Firenze	Firenze	16.69	3.47	3.44	0.00	0.03	0.18
18.71	Firenze	Firenze	16.72	3.48	3.45	0.00	0.03	0.18
18.92	Firenze	Firenze	16.94	3.52	3.50	0.00	0.03	0.18
18.92	Firenze	Firenze	16.94	3.52	3.50	0.00	0.03	0.18
19.05	Firenze	Firenze	17.07	3.55	3.52	0.00	0.03	0.18
19.07	Firenze	Firenze	17.09	3.56	3.53	0.00	0.03	0.18
19.13	Firenze	Firenze	17.15	3.57	3.54	0.00	0.03	0.18
19.14	Firenze	Firenze	17.16	3.57	3.54	0.00	0.03	0.18
19.18	Firenze	Firenze	17.20	3.58	3.55	0.00	0.03	0.19
19.19	Firenze	Firenze	17.21	3.58	3.55	0.00	0.03	0.19
19.22	Firenze	Firenze	17.24	3.59	3.56	0.00	0.03	0.19
19.25	Firenze	Firenze	17.28	3.60	3.57	0.00	0.03	0.19
19.40	Firenze	Firenze	17.43	3.63	3.60	0.00	0.03	0.19
19.54	Firenze	Firenze	17.57	3.66	3.63	0.00	0.03	0.19
19.54	Firenze	Firenze	17.57	3.66	3.63	0.00	0.03	0.19
19.55	Firenze	Firenze	17.58	3.66	3.63	0.00	0.03	0.19
19.67	Firenze	Firenze	17.70	3.68	3.65	0.00	0.03	0.19
19.68	Firenze	Firenze	17.71	3.68	3.65	0.00	0.03	0.19

19.76	Firenze	Firenze	17.80	3.70	3.67	0.00	0.03	0.19
19.77	Firenze	Firenze	17.81	3.71	3.68	0.00	0.03	0.19
19.82	Firenze	Firenze	17.86	3.72	3.69	0.00	0.03	0.19
19.85	Firenze	Firenze	17.89	3.72	3.69	0.00	0.03	0.19
19.85	Firenze	Firenze	17.89	3.72	3.69	0.00	0.03	0.19
19.88	Firenze	Firenze	17.92	3.73	3.70	0.00	0.03	0.19
19.93	Firenze	Firenze	17.97	3.74	3.71	0.00	0.03	0.19
19.97	Firenze	Firenze	18.01	3.75	3.72	0.00	0.03	0.19
19.98	Firenze	Firenze	18.02	3.75	3.72	0.00	0.03	0.19
20.10	Firenze	Firenze	18.14	3.77	3.74	0.00	0.03	0.20
20.22	Firenze	Firenze	18.27	3.80	3.77	0.00	0.03	0.20
20.27	Firenze	Firenze	18.32	3.81	3.78	0.00	0.03	0.20
20.33	Firenze	Firenze	18.38	3.82	3.79	0.00	0.03	0.20
20.42	Firenze	Firenze	18.47	3.84	3.81	0.00	0.03	0.20
20.53	Firenze	Firenze	18.58	3.87	3.83	0.00	0.03	0.20
20.65	Firenze	Firenze	18.70	3.89	3.86	0.00	0.03	0.20
20.66	Firenze	Firenze	18.71	3.89	3.86	0.00	0.03	0.20
20.73	Firenze	Firenze	18.79	3.91	3.88	0.00	0.03	0.20
20.75	Firenze	Firenze	18.81	3.91	3.88	0.00	0.03	0.20
20.78	Firenze	Firenze	18.84	3.92	3.89	0.00	0.03	0.20
20.80	Firenze	Firenze	18.86	3.92	3.89	0.00	0.03	0.20
20.84	Firenze	Firenze	18.90	3.93	3.90	0.00	0.03	0.20
20.95	Firenze	Firenze	19.01	3.96	3.92	0.00	0.03	0.20
20.98	Firenze	Firenze	19.04	3.96	3.93	0.00	0.03	0.21
21.12	Firenze	Firenze	19.18	3.99	3.96	0.00	0.03	0.21
21.13	Firenze	Firenze	19.19	3.99	3.96	0.00	0.03	0.21
21.29	Firenze	Firenze	19.36	4.03	4.00	0.00	0.03	0.21
21.31	Firenze	Firenze	19.38	4.03	4.00	0.00	0.03	0.21
21.40	Firenze	Firenze	19.47	4.05	4.02	0.00	0.03	0.21
21.50	Firenze	Firenze	19.57	4.07	4.04	0.00	0.03	0.21
21.60	Firenze	Firenze	19.67	4.09	4.06	0.00	0.03	0.21
21.63	Firenze	Firenze	19.70	4.10	4.07	0.00	0.03	0.21
21.63	Firenze	Firenze	19.70	4.10	4.07	0.00	0.03	0.21
21.65	Firenze	Firenze	19.72	4.10	4.07	0.00	0.03	0.21
21.79	Firenze	Firenze	19.87	4.13	4.10	0.00	0.03	0.21
21.83	Firenze	Firenze	19.91	4.14	4.11	0.00	0.03	0.21
22.06	Firenze	Firenze	20.14	4.19	4.16	0.00	0.03	0.22
22.07	Firenze	Firenze	20.15	4.19	4.16	0.00	0.03	0.22
22.34	Firenze	Firenze	20.43	4.25	4.22	0.00	0.03	0.22
22.50	Firenze	Firenze	20.59	4.28	4.25	0.00	0.03	0.22
23.31	Firenze	Firenze	21.42	4.46	4.42	0.00	0.04	0.23
23.33	Firenze	Firenze	21.44	4.46	4.42	0.00	0.04	0.23
23.33	Firenze	Firenze	21.44	4.46	4.42	0.00	0.04	0.23
23.33	Firenze	Firenze	21.44	4.46	4.42	0.00	0.04	0.23

23.33	Firenze	Firenze	21.44	4.46	4.42	0.00	0.04	0.23
23.51	Firenze	Firenze	21.62	4.50	4.46	0.00	0.04	0.23
23.64	Firenze	Firenze	21.76	4.53	4.49	0.00	0.04	0.23
23.79	Firenze	Firenze	21.91	4.56	4.52	0.00	0.04	0.24
24.15	Firenze	Firenze	22.28	4.64	4.60	0.00	0.04	0.24
24.40	Firenze	Firenze	22.53	4.69	4.65	0.00	0.04	0.24
24.58	Firenze	Firenze	22.71	4.72	4.69	0.00	0.04	0.24
24.58	Firenze	Firenze	22.71	4.72	4.69	0.00	0.04	0.24
24.66	Firenze	Firenze	22.80	4.74	4.71	0.00	0.04	0.25
24.81	Firenze	Firenze	22.95	4.77	4.74	0.00	0.04	0.25
24.82	Firenze	Firenze	22.96	4.78	4.74	0.00	0.04	0.25
25.10	Firenze	Firenze	23.24	4.84	4.80	0.00	0.04	0.25
25.23	Firenze	Firenze	23.38	4.86	4.83	0.00	0.04	0.25
25.28	Firenze	Firenze	23.43	4.87	4.84	0.00	0.04	0.25
25.32	Firenze	Firenze	23.47	4.88	4.84	0.00	0.04	0.25
25.34	Firenze	Firenze	23.49	4.89	4.85	0.00	0.04	0.25
25.35	Firenze	Firenze	23.50	4.89	4.85	0.00	0.04	0.25
25.40	Firenze	Firenze	23.55	4.90	4.86	0.00	0.04	0.25
25.49	Firenze	Firenze	23.64	4.92	4.88	0.00	0.04	0.25
25.55	Firenze	Firenze	23.70	4.93	4.89	0.00	0.04	0.26
25.62	Firenze	Firenze	23.78	4.95	4.91	0.00	0.04	0.26
25.62	Firenze	Firenze	23.78	4.95	4.91	0.00	0.04	0.26
25.67	Firenze	Firenze	23.83	4.96	4.92	0.00	0.04	0.26
25.68	Firenze	Firenze	23.84	4.96	4.92	0.00	0.04	0.26
25.72	Firenze	Firenze	23.88	4.97	4.93	0.00	0.04	0.26
25.73	Firenze	Firenze	23.89	4.97	4.93	0.00	0.04	0.26
25.93	Firenze	Firenze	24.09	5.01	4.97	0.00	0.04	0.26
25.96	Firenze	Firenze	24.12	5.02	4.98	0.00	0.04	0.26
26.24	Firenze	Firenze	24.41	5.08	5.04	0.00	0.04	0.26
26.31	Firenze	Firenze	24.48	5.09	5.05	0.00	0.04	0.26
26.31	Firenze	Firenze	24.48	5.09	5.05	0.00	0.04	0.26
26.34	Firenze	Firenze	24.51	5.10	5.06	0.00	0.04	0.26
26.53	Firenze	Firenze	24.70	5.14	5.10	0.00	0.04	0.27
26.58	Firenze	Firenze	24.76	5.15	5.11	0.00	0.04	0.27
26.58	Firenze	Firenze	24.76	5.15	5.11	0.00	0.04	0.27
26.66	Firenze	Firenze	24.84	5.17	5.13	0.00	0.04	0.27
26.67	Firenze	Firenze	24.85	5.17	5.13	0.00	0.04	0.27
26.80	Firenze	Firenze	24.98	5.20	5.16	0.00	0.04	0.27
27.01	Firenze	Firenze	25.19	5.24	5.20	0.00	0.04	0.27
27.21	Firenze	Firenze	25.40	5.28	5.24	0.00	0.04	0.27
27.27	Firenze	Firenze	25.46	5.30	5.25	0.00	0.04	0.27
27.34	Firenze	Firenze	25.53	5.31	5.27	0.00	0.04	0.27
27.35	Firenze	Firenze	25.54	5.31	5.27	0.00	0.04	0.28
27.68	Firenze	Firenze	25.88	5.38	5.34	0.00	0.04	0.28

27.71	Firenze	Firenze	25.91	5.39	5.35	0.00	0.04	0.28
27.73	Firenze	Firenze	25.93	5.39	5.35	0.00	0.04	0.28
27.78	Firenze	Firenze	25.98	5.41	5.36	0.00	0.04	0.28
27.82	Firenze	Firenze	26.02	5.41	5.37	0.00	0.04	0.28
27.88	Firenze	Firenze	26.08	5.43	5.38	0.00	0.04	0.28
27.89	Firenze	Firenze	26.09	5.43	5.38	0.00	0.04	0.28
27.95	Firenze	Firenze	26.15	5.44	5.40	0.00	0.04	0.28
28.21	Firenze	Firenze	26.42	5.50	5.45	0.00	0.04	0.28
28.38	Firenze	Firenze	26.59	5.53	5.49	0.00	0.04	0.29
28.39	Firenze	Firenze	26.60	5.53	5.49	0.00	0.04	0.29
28.39	Firenze	Firenze	26.60	5.53	5.49	0.00	0.04	0.29
28.40	Firenze	Firenze	26.61	5.54	5.49	0.00	0.04	0.29
28.49	Firenze	Firenze	26.70	5.55	5.51	0.00	0.04	0.29
28.50	Firenze	Firenze	26.71	5.56	5.51	0.00	0.04	0.29
28.58	Firenze	Firenze	26.80	5.58	5.53	0.00	0.04	0.29
29.09	Firenze	Firenze	27.32	5.68	5.64	0.00	0.05	0.29
29.21	Firenze	Firenze	27.44	5.71	5.66	0.00	0.05	0.30
29.22	Firenze	Firenze	27.45	5.71	5.67	0.00	0.05	0.30
29.30	Firenze	Firenze	27.53	5.73	5.68	0.00	0.05	0.30
29.42	Firenze	Firenze	27.65	5.75	5.71	0.00	0.05	0.30
29.44	Firenze	Firenze	27.67	5.76	5.71	0.00	0.05	0.30
29.60	Firenze	Firenze	27.84	5.79	5.75	0.00	0.05	0.30
29.64	Firenze	Firenze	27.88	5.80	5.75	0.00	0.05	0.30
29.65	Firenze	Firenze	27.89	5.80	5.76	0.00	0.05	0.30
29.73	Firenze	Firenze	27.97	5.82	5.77	0.00	0.05	0.30
29.74	Firenze	Firenze	27.98	5.82	5.77	0.00	0.05	0.30
29.87	Firenze	Firenze	28.11	5.85	5.80	0.00	0.05	0.30
29.91	Firenze	Firenze	28.15	5.86	5.81	0.00	0.05	0.30
30.02	Firenze	Firenze	28.27	5.88	5.83	0.00	0.05	0.30
30.13	Firenze	Firenze	28.38	5.90	5.86	0.00	0.05	0.31
30.24	Firenze	Firenze	28.49	5.93	5.88	0.00	0.05	0.31
30.28	Firenze	Firenze	28.53	5.94	5.89	0.00	0.05	0.31
30.45	Firenze	Firenze	28.70	5.97	5.92	0.00	0.05	0.31
30.46	Firenze	Firenze	28.71	5.97	5.93	0.00	0.05	0.31
30.68	Firenze	Firenze	28.94	6.02	5.97	0.00	0.05	0.31
30.92	Firenze	Firenze	29.18	6.07	6.02	0.00	0.05	0.31
30.97	Firenze	Firenze	29.23	6.08	6.03	0.00	0.05	0.31
31.17	Firenze	Firenze	29.44	6.12	6.08	0.00	0.05	0.32
31.17	Firenze	Firenze	29.44	6.12	6.08	0.00	0.05	0.32
31.17	Firenze	Firenze	29.44	6.12	6.08	0.00	0.05	0.32
31.18	Firenze	Firenze	29.45	6.13	6.08	0.00	0.05	0.32
31.20	Firenze	Firenze	29.47	6.13	6.08	0.00	0.05	0.32
31.26	Firenze	Firenze	29.53	6.14	6.09	0.00	0.05	0.32
31.26	Firenze	Firenze	29.53	6.14	6.09	0.00	0.05	0.32

31.60	Firenze	Firenze	29.88	6.22	6.17	0.00	0.05	0.32
31.68	Firenze	Firenze	29.96	6.23	6.18	0.00	0.05	0.32
31.75	Firenze	Firenze	30.03	6.25	6.20	0.00	0.05	0.32
31.81	Firenze	Firenze	30.09	6.26	6.21	0.00	0.05	0.32
32.03	Firenze	Firenze	30.32	6.31	6.26	0.00	0.05	0.33
32.03	Firenze	Firenze	30.32	6.31	6.26	0.00	0.05	0.33
32.04	Firenze	Firenze	30.33	6.31	6.26	0.00	0.05	0.33
32.15	Firenze	Firenze	30.44	6.33	6.28	0.00	0.05	0.33
32.21	Firenze	Firenze	30.50	6.35	6.29	0.00	0.05	0.33
32.21	Firenze	Firenze	30.50	6.35	6.29	0.00	0.05	0.33
32.35	Firenze	Firenze	30.64	6.37	6.32	0.00	0.05	0.33
32.97	Firenze	Firenze	31.28	6.51	6.46	0.00	0.05	0.34
33.25	Firenze	Firenze	31.56	6.57	6.51	0.00	0.05	0.34
33.58	Firenze	Firenze	31.90	6.64	6.58	0.00	0.05	0.34
33.58	Firenze	Firenze	31.90	6.64	6.58	0.00	0.05	0.34
33.80	Firenze	Firenze	32.12	6.68	6.63	0.00	0.05	0.35
34.29	Firenze	Firenze	32.62	6.79	6.73	0.00	0.05	0.35
34.62	Firenze	Firenze	32.96	6.86	6.80	0.00	0.06	0.35
35.25	Firenze	Firenze	33.60	6.99	6.93	0.00	0.06	0.36
36.09	Firenze	Firenze	34.46	7.17	7.11	0.00	0.06	0.37
36.30	Firenze	Firenze	34.67	7.21	7.16	0.00	0.06	0.37
36.35	Firenze	Firenze	34.72	7.22	7.17	0.00	0.06	0.37
36.43	Firenze	Firenze	34.81	7.24	7.18	0.00	0.06	0.37
36.48	Firenze	Firenze	34.86	7.25	7.19	0.00	0.06	0.38
36.59	Firenze	Firenze	34.97	7.28	7.22	0.00	0.06	0.38
36.61	Firenze	Firenze	34.99	7.28	7.22	0.00	0.06	0.38
36.70	Firenze	Firenze	35.08	7.30	7.24	0.00	0.06	0.38
36.76	Firenze	Firenze	35.14	7.31	7.25	0.00	0.06	0.38
36.88	Firenze	Firenze	35.27	7.34	7.28	0.00	0.06	0.38
38.97	Firenze	Firenze	37.40	7.78	7.72	0.00	0.06	0.40
39.74	Firenze	Firenze	38.18	7.94	7.88	0.00	0.06	0.41
41.72	Firenze	Firenze	40.20	8.36	8.30	0.00	0.07	0.43
41.99	Firenze	Firenze	40.48	8.42	8.35	0.00	0.07	0.44
43.27	Firenze	Firenze	41.79	8.69	8.62	0.00	0.07	0.45
43.30	Firenze	Firenze	41.82	8.70	8.63	0.00	0.07	0.45
44.31	Firenze	Firenze	42.85	8.91	8.84	0.00	0.07	0.46
48.60	Firenze	Firenze	47.22	9.82	9.75	0.00	0.08	0.51
53.47	Firenze	Firenze	52.19	10.86	10.77	0.00	0.09	0.56
53.69	Firenze	Firenze	52.42	10.91	10.82	0.00	0.09	0.56
56.41	Firenze	Firenze	55.19	11.48	11.39	0.00	0.09	0.59
58.95	Firenze	Firenze	57.79	12.02	11.93	0.00	0.10	0.62
59.59	Firenze	Firenze	58.44	12.16	12.06	0.00	0.10	0.63
6.90	Glasgow	Glasgow	4.99	1.04	1.03	0.00	0.01	0.05
7.10	Glasgow	Glasgow	5.15	1.07	1.06	0.00	0.01	0.06

7.60	Glasgow	Glasgow	5.79	1.20	1.19	0.00	0.01	0.06
7.91	Glasgow	Glasgow	6.29	1.31	1.30	0.00	0.01	0.07
8.00	Glasgow	Glasgow	6.44	1.34	1.33	0.00	0.01	0.07
8.20	Glasgow	Glasgow	6.76	1.41	1.40	0.00	0.01	0.07
8.40	Glasgow	Glasgow	7.08	1.47	1.46	0.00	0.01	0.08
8.80	Glasgow	Glasgow	7.72	1.61	1.59	0.00	0.01	0.08
9.24	Glasgow	Glasgow	8.43	1.75	1.74	0.00	0.01	0.09
9.40	Glasgow	Glasgow	8.69	1.81	1.79	0.00	0.01	0.09
9.40	Glasgow	Glasgow	8.69	1.81	1.79	0.00	0.01	0.09
9.60	Glasgow	Glasgow	9.01	1.87	1.86	0.00	0.02	0.10
9.91	Glasgow	Glasgow	9.51	1.98	1.96	0.00	0.02	0.10
10.00	Glasgow	Glasgow	9.66	2.01	1.99	0.00	0.02	0.10
10.20	Glasgow	Glasgow	9.94	2.07	2.05	0.00	0.02	0.11
10.20	Glasgow	Glasgow	9.94	2.07	2.05	0.00	0.02	0.11
10.20	Glasgow	Glasgow	9.94	2.07	2.05	0.00	0.02	0.11
10.40	Glasgow	Glasgow	10.30	2.14	2.13	0.00	0.02	0.11
10.60	Glasgow	Glasgow	10.61	2.21	2.19	0.00	0.02	0.11
10.80	Glasgow	Glasgow	10.94	2.28	2.26	0.00	0.02	0.12
12.76	Glasgow	Glasgow	14.09	2.93	2.91	0.00	0.02	0.15
12.80	Glasgow	Glasgow	14.16	2.95	2.92	0.00	0.02	0.15
13.00	Glasgow	Glasgow	14.48	3.01	2.99	0.00	0.02	0.16
13.00	Glasgow	Glasgow	14.48	3.01	2.99	0.00	0.02	0.16
13.60	Glasgow	Glasgow	15.45	3.21	3.19	0.00	0.03	0.17
13.80	Glasgow	Glasgow	15.77	3.28	3.25	0.00	0.03	0.17
14.00	Glasgow	Glasgow	16.09	3.35	3.32	0.00	0.03	0.17
14.40	Glasgow	Glasgow	16.69	3.47	3.44	0.00	0.03	0.18
14.80	Glasgow	Glasgow	17.35	3.61	3.58	0.00	0.03	0.19
15.00	Glasgow	Glasgow	17.70	3.68	3.65	0.00	0.03	0.19
15.20	Glasgow	Glasgow	18.03	3.75	3.72	0.00	0.03	0.19
16.50	Glasgow	Glasgow	20.12	4.19	4.15	0.00	0.03	0.22
16.70	Glasgow	Glasgow	20.43	4.25	4.22	0.00	0.03	0.22
18.10	Glasgow	Glasgow	22.55	4.69	4.65	0.00	0.04	0.24
18.20	Glasgow	Glasgow	22.83	4.75	4.71	0.00	0.04	0.25
18.30	Glasgow	Glasgow	23.00	4.79	4.75	0.00	0.04	0.25
20.00	Glasgow	Glasgow	25.75	5.36	5.31	0.00	0.04	0.28
20.50	Glasgow	Glasgow	26.55	5.52	5.48	0.00	0.04	0.29
22.00	Glasgow	Glasgow	28.97	6.03	5.98	0.00	0.05	0.31
24.00	Glasgow	Glasgow	32.19	6.70	6.64	0.00	0.05	0.35
24.60	Glasgow	Glasgow	33.17	6.90	6.85	0.00	0.06	0.36
25.40	Glasgow	Glasgow	34.44	7.17	7.11	0.00	0.06	0.37
26.00	Glasgow	Glasgow	35.40	7.36	7.31	0.00	0.06	0.38
26.40	Glasgow	Glasgow	36.07	7.50	7.44	0.00	0.06	0.39
26.50	Glasgow	Glasgow	36.21	7.53	7.47	0.00	0.06	0.39
29.20	Glasgow	Glasgow	40.53	8.43	8.36	0.00	0.07	0.44

30.00	Glasgow	Glasgow	41.84	8.70	8.63	0.00	0.07	0.45
30.60	Glasgow	Glasgow	42.83	8.91	8.84	0.00	0.07	0.46
32.40	Glasgow	Glasgow	45.68	9.50	9.43	0.00	0.08	0.49
34.40	Glasgow	Glasgow	48.97	10.19	10.11	0.00	0.08	0.53
35.00	Glasgow	Glasgow	49.89	10.38	10.30	0.00	0.08	0.54
38.88	Glasgow	Glasgow	56.10	11.67	11.58	0.00	0.09	0.60
39.17	Glasgow	Glasgow	56.58	11.77	11.68	0.00	0.09	0.61
43.60	Glasgow	Glasgow	63.74	13.26	13.15	0.00	0.11	0.69
49.00	Glasgow	Glasgow	72.42	15.07	14.95	0.00	0.12	0.78
79.00	Glasgow	Glasgow	120.70	25.11	24.91	0.00	0.20	1.30
80.00	Glasgow	Glasgow	122.31	25.45	25.24	0.00	0.20	1.32
81.62	Glasgow	Glasgow	124.30	25.86	25.65	0.00	0.21	1.34
89.00	Glasgow	Glasgow	136.24	28.34	28.12	0.00	0.23	1.47
124.80	Glasgow	Glasgow	193.42	40.24	39.92	0.00	0.32	2.08
133.54	Glasgow	Glasgow	207.89	43.25	42.90	0.00	0.35	2.24
55.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
55.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
55.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
55.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
55.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
60.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
90.00	GU22	TW6 2GA	35.40	7.36	7.31	0.00	0.06	0.38
120.00	GU22	RH6 ONP	42.20	8.78	8.71	0.00	0.07	0.45
15.85	H91 K225	H91 T9C4	1.60	0.33	0.33	0.00	0.00	0.02
16.74	H91 YVH3	H91 Y797	1.70	0.35	0.35	0.00	0.00	0.02
6.50	High Wycombe	High Wycombe	1.18	0.25	0.24	0.00	0.00	0.01
6.84	High Wycombe	High Wycombe	1.50	0.31	0.31	0.00	0.00	0.02
9.00	High Wycombe	High Wycombe	4.02	0.84	0.83	0.00	0.01	0.04
9.20	High Wycombe	High Wycombe	4.19	0.87	0.86	0.00	0.01	0.05
11.63	High Wycombe	High Wycombe	6.28	1.31	1.30	0.00	0.01	0.07
11.90	High Wycombe	High Wycombe	6.44	1.34	1.33	0.00	0.01	0.07
12.90	High Wycombe	High Wycombe	7.32	1.52	1.51	0.00	0.01	0.08
16.98	High Wycombe	High Wycombe	9.55	1.99	1.97	0.00	0.02	0.10
17.98	High Wycombe	High Wycombe	10.36	2.15	2.14	0.00	0.02	0.11
23.99	High Wycombe	High Wycombe	15.28	3.18	3.15	0.00	0.03	0.16

24.80	High Wycombe	High Wycombe	16.75	3.48	3.46	0.00	0.03	0.18
28.91	High Wycombe	High Wycombe	20.12	4.19	4.15	0.00	0.03	0.22
29.90	High Wycombe	High Wycombe	20.95	4.36	4.32	0.00	0.03	0.23
31.78	High Wycombe	High Wycombe	22.38	4.66	4.62	0.00	0.04	0.24
35.93	High Wycombe	High Wycombe	24.05	5.00	4.96	0.00	0.04	0.26
46.00	High Wycombe	High Wycombe	33.77	7.03	6.97	0.00	0.06	0.36
10.96	HP10	HP9 2PJ	5.50	1.14	1.14	0.00	0.01	0.06
17.99	HP10	SL1 6JT	10.30	2.14	2.13	0.00	0.02	0.11
35.00	HP10 OHH	SL4	19.90	4.14	4.11	0.00	0.03	0.21
13.05	HP10 OHJ	HP11 1UP	10.90	2.27	2.25	0.00	0.02	0.12
10.97	HP10 OJQ	HP10 OHH	3.40	0.71	0.70	0.00	0.01	0.04
21.96	HP10 OJQ	HP10 OHH	3.40	0.71	0.70	0.00	0.01	0.04
58.12	HP10 OJQ	TW6 2GW	28.30	5.89	5.84	0.00	0.05	0.30
7.90	HP11 1TQ	HP13 6NN	2.60	0.54	0.54	0.00	0.00	0.03
20.00	HP11 1UP	SL7 2NB	6.20	1.29	1.28	0.00	0.01	0.07
45.00	HP13	TW6 2GA	30.30	6.30	6.25	0.00	0.05	0.33
50.00	HP13	TW6 2GA	30.30	6.30	6.25	0.00	0.05	0.33
6.90	HP13 6NN	HP11	1.30	0.27	0.27	0.00	0.00	0.01
10.98	HP9 1NL	HP10	5.70	1.19	1.18	0.00	0.01	0.06
28.38	HP9 1QX	SL1 8LR	10.90	2.27	2.25	0.00	0.02	0.12
10.99	HP9 2	HP10	7.60	1.58	1.57	0.00	0.01	0.08
10.98	HP9 2JH	SL1 8LR	10.20	2.12	2.11	0.00	0.02	0.11
50.20	KT3	E16 2PX	32.90	6.84	6.79	0.00	0.05	0.35
6.96	L1 8DA	L1 1JD	2.40	0.50	0.50	0.00	0.00	0.03
61.00	L16	M90 1QX	59.70	12.42	12.32	0.00	0.10	0.64
8.96	L19 5NE	L25 4AB	4.60	0.96	0.95	0.00	0.01	0.05
7.60	Liverpool	Liverpool	4.61	0.96	0.95	0.00	0.01	0.05
10.08	Liverpool	Liverpool	7.05	1.47	1.45	0.00	0.01	0.08
12.30	Liverpool	Liverpool	9.11	1.90	1.88	0.00	0.02	0.10
13.00	Liverpool	Liverpool	9.67	2.01	2.00	0.00	0.02	0.10
17.08	Liverpool	Liverpool	13.61	2.83	2.81	0.00	0.02	0.15
18.00	Liverpool	Liverpool	14.36	2.99	2.96	0.00	0.02	0.15
20.00	LL17 0DQ	LL18 1AT	12.90	2.68	2.66	0.00	0.02	0.14
20.00	LL18 1AT	LL17 0DQ	12.90	2.68	2.66	0.00	0.02	0.14
20.00	LL18 1AT	LL17 0DQ	12.90	2.68	2.66	0.00	0.02	0.14
7.20	London	London	1.37	0.28	0.28	0.00	0.00	0.01
7.95	London	London	1.67	0.35	0.34	0.00	0.00	0.02
8.50	London	London	1.89	0.39	0.39	0.00	0.00	0.02
8.80	London	London	2.01	0.42	0.42	0.00	0.00	0.02
8.80	London	London	2.01	0.42	0.42	0.00	0.00	0.02

8.94	London	London	2.07	0.43	0.43	0.00	0.00	0.02
9.40	London	London	2.25	0.47	0.47	0.00	0.00	0.02
9.46	London	London	2.28	0.47	0.47	0.00	0.00	0.02
9.60	London	London	2.33	0.49	0.48	0.00	0.00	0.03
9.60	London	London	2.33	0.49	0.48	0.00	0.00	0.03
9.60	London	London	2.33	0.49	0.48	0.00	0.00	0.03
9.60	London	London	2.33	0.49	0.48	0.00	0.00	0.03
9.60	London	London	2.33	0.49	0.48	0.00	0.00	0.03
9.80	London	London	2.42	0.50	0.50	0.00	0.00	0.03
10.00	London	London	2.50	0.52	0.52	0.00	0.00	0.03
10.00	London	London	2.50	0.52	0.52	0.00	0.00	0.03
10.12	London	London	2.54	0.53	0.52	0.00	0.00	0.03
10.20	London	London	2.58	0.54	0.53	0.00	0.00	0.03
10.20	London	London	2.58	0.54	0.53	0.00	0.00	0.03
10.50	London	London	2.70	0.56	0.56	0.00	0.00	0.03
11.00	London	London	2.90	0.60	0.60	0.00	0.00	0.03
11.00	London	London	2.90	0.60	0.60	0.00	0.00	0.03
11.00	London	London	2.90	0.60	0.60	0.00	0.00	0.03
11.60	London	London	3.14	0.65	0.65	0.00	0.01	0.03
11.93	London	London	3.27	0.68	0.68	0.00	0.01	0.04
12.00	London	London	3.30	0.69	0.68	0.00	0.01	0.04
12.40	London	London	3.46	0.72	0.71	0.00	0.01	0.04
12.80	London	London	3.62	0.75	0.75	0.00	0.01	0.04
12.99	London	London	3.70	0.77	0.76	0.00	0.01	0.04
13.00	London	London	3.70	0.77	0.76	0.00	0.01	0.04
13.00	London	London	3.70	0.77	0.76	0.00	0.01	0.04
13.70	London	London	3.98	0.83	0.82	0.00	0.01	0.04
14.00	London	London	4.11	0.85	0.85	0.00	0.01	0.04
14.00	London	London	4.11	0.85	0.85	0.00	0.01	0.04
14.00	London	London	4.11	0.85	0.85	0.00	0.01	0.04
14.00	London	London	4.11	0.85	0.85	0.00	0.01	0.04
14.20	London	London	4.19	0.87	0.86	0.00	0.01	0.05
14.40	London	London	4.27	0.89	0.88	0.00	0.01	0.05
14.92	London	London	4.48	0.93	0.92	0.00	0.01	0.05
15.00	London	London	4.51	0.94	0.93	0.00	0.01	0.05
15.50	London	London	4.71	0.98	0.97	0.00	0.01	0.05
15.60	London	London	4.75	0.99	0.98	0.00	0.01	0.05
15.60	London	London	4.75	0.99	0.98	0.00	0.01	0.05
15.76	London	London	4.81	1.00	0.99	0.00	0.01	0.05
15.80	London	London	4.83	1.00	1.00	0.00	0.01	0.05
15.91	London	London	4.87	1.01	1.01	0.00	0.01	0.05
16.00	London	London	4.91	1.02	1.01	0.00	0.01	0.05
16.00	London	London	4.91	1.02	1.01	0.00	0.01	0.05
16.20	London	London	4.99	1.04	1.03	0.00	0.01	0.05

17.44	London	London	5.49	1.14	1.13	0.00	0.01	0.06
17.90	London	London	5.68	1.18	1.17	0.00	0.01	0.06
17.93	London	London	5.69	1.18	1.17	0.00	0.01	0.06
18.00	London	London	5.72	1.19	1.18	0.00	0.01	0.06
18.48	London	London	5.91	1.23	1.22	0.00	0.01	0.06
18.76	London	London	6.02	1.25	1.24	0.00	0.01	0.06
18.82	London	London	6.05	1.26	1.25	0.00	0.01	0.07
18.97	London	London	6.11	1.27	1.26	0.00	0.01	0.07
19.49	London	London	6.32	1.31	1.30	0.00	0.01	0.07
19.60	London	London	6.36	1.32	1.31	0.00	0.01	0.07
19.80	London	London	6.44	1.34	1.33	0.00	0.01	0.07
20.00	London	London	6.52	1.36	1.35	0.00	0.01	0.07
20.00	London	London	6.52	1.36	1.35	0.00	0.01	0.07
20.00	London	London	6.52	1.36	1.35	0.00	0.01	0.07
20.40	London	London	6.68	1.39	1.38	0.00	0.01	0.07
20.85	London	London	6.86	1.43	1.42	0.00	0.01	0.07
21.40	London	London	7.08	1.47	1.46	0.00	0.01	0.08
22.00	London	London	7.33	1.52	1.51	0.00	0.01	0.08
22.80	London	London	7.65	1.59	1.58	0.00	0.01	0.08
22.80	London	London	7.65	1.59	1.58	0.00	0.01	0.08
23.40	London	London	7.89	1.64	1.63	0.00	0.01	0.08
23.91	London	London	8.09	1.68	1.67	0.00	0.01	0.09
24.05	London	London	8.15	1.70	1.68	0.00	0.01	0.09
25.00	London	London	8.53	1.78	1.76	0.00	0.01	0.09
25.78	London	London	8.85	1.84	1.83	0.00	0.01	0.10
26.60	London	London	9.18	1.91	1.89	0.00	0.02	0.10
27.00	London	London	9.34	1.94	1.93	0.00	0.02	0.10
27.62	London	London	9.59	1.99	1.98	0.00	0.02	0.10
27.80	London	London	9.66	2.01	1.99	0.00	0.02	0.10
28.00	London	London	9.74	2.03	2.01	0.00	0.02	0.10
28.33	London	London	9.87	2.05	2.04	0.00	0.02	0.11
29.00	London	London	10.14	2.11	2.09	0.00	0.02	0.11
29.88	London	London	10.50	2.18	2.17	0.00	0.02	0.11
30.00	London	London	10.55	2.19	2.18	0.00	0.02	0.11
30.00	London	London	10.55	2.19	2.18	0.00	0.02	0.11
30.00	London	London	10.55	2.19	2.18	0.00	0.02	0.11
30.00	London	London	10.55	2.19	2.18	0.00	0.02	0.11
30.50	London	London	10.75	2.24	2.22	0.00	0.02	0.12
30.93	London	London	10.92	2.27	2.25	0.00	0.02	0.12
31.35	London	London	11.09	2.31	2.29	0.00	0.02	0.12
31.48	London	London	11.14	2.32	2.30	0.00	0.02	0.12
32.21	London	London	11.44	2.38	2.36	0.00	0.02	0.12
32.61	London	London	11.60	2.41	2.39	0.00	0.02	0.12
33.00	London	London	11.75	2.45	2.43	0.00	0.02	0.13

33.34	London	London	11.89	2.47	2.45	0.00	0.02	0.13
33.40	London	London	11.91	2.48	2.46	0.00	0.02	0.13
33.60	London	London	11.99	2.50	2.48	0.00	0.02	0.13
33.60	London	London	11.99	2.50	2.48	0.00	0.02	0.13
33.67	London	London	12.02	2.50	2.48	0.00	0.02	0.13
33.81	London	London	12.08	2.51	2.49	0.00	0.02	0.13
34.20	London	London	12.24	2.55	2.53	0.00	0.02	0.13
34.50	London	London	12.36	2.57	2.55	0.00	0.02	0.13
34.50	London	London	12.36	2.57	2.55	0.00	0.02	0.13
34.50	London	London	12.36	2.57	2.55	0.00	0.02	0.13
34.80	London	London	12.48	2.60	2.58	0.00	0.02	0.13
34.99	London	London	12.55	2.61	2.59	0.00	0.02	0.14
35.20	London	London	12.64	2.63	2.61	0.00	0.02	0.14
35.20	London	London	12.64	2.63	2.61	0.00	0.02	0.14
35.66	London	London	12.82	2.67	2.65	0.00	0.02	0.14
35.80	London	London	12.88	2.68	2.66	0.00	0.02	0.14
36.00	London	London	12.96	2.70	2.67	0.00	0.02	0.14
37.00	London	London	13.36	2.78	2.76	0.00	0.02	0.14
37.20	London	London	13.44	2.80	2.77	0.00	0.02	0.14
37.20	London	London	13.44	2.80	2.77	0.00	0.02	0.14
38.24	London	London	13.86	2.88	2.86	0.00	0.02	0.15
38.60	London	London	14.01	2.91	2.89	0.00	0.02	0.15
38.60	London	London	14.01	2.91	2.89	0.00	0.02	0.15
38.71	London	London	14.05	2.92	2.90	0.00	0.02	0.15
38.88	London	London	14.12	2.94	2.91	0.00	0.02	0.15
39.32	London	London	14.30	2.97	2.95	0.00	0.02	0.15
40.00	London	London	14.57	3.03	3.01	0.00	0.02	0.16
40.00	London	London	14.57	3.03	3.01	0.00	0.02	0.16
41.00	London	London	14.97	3.12	3.09	0.00	0.03	0.16
41.80	London	London	15.30	3.18	3.16	0.00	0.03	0.16
42.24	London	London	15.47	3.22	3.19	0.00	0.03	0.17
44.60	London	London	16.42	3.42	3.39	0.00	0.03	0.18
45.36	London	London	16.73	3.48	3.45	0.00	0.03	0.18
54.60	London	London	20.45	4.25	4.22	0.00	0.03	0.22
55.00	London	London	20.61	4.29	4.25	0.00	0.03	0.22
57.50	London	London	21.61	4.50	4.46	0.00	0.04	0.23
58.80	London	London	22.14	4.61	4.57	0.00	0.04	0.24
66.33	London	London	25.17	5.24	5.19	0.00	0.04	0.27
70.76	London	London	26.95	5.61	5.56	0.00	0.05	0.29
95.00	London	London	36.71	7.64	7.58	0.00	0.06	0.40
97.00	London	London	37.51	7.80	7.74	0.00	0.06	0.40
71.40	LS19 7TU	YO26	43.70	9.09	9.02	0.00	0.07	0.47
50.00	LU7	LU2 9QT	27.80	5.78	5.74	0.00	0.05	0.30
24.94	M11	M90 1QX	26.50	5.51	5.47	0.00	0.04	0.29

6.94	M15 4YB	M60 7RA	2.40	0.50	0.50	0.00	0.00	0.03
6.97	M15 4YB	M60 7RA	2.40	0.50	0.50	0.00	0.00	0.03
7.92	M15 4YB	M60 7RA	2.40	0.50	0.50	0.00	0.00	0.03
7.97	M2 4DW	M15 4NP	2.20	0.46	0.45	0.00	0.00	0.02
17.91	M20	M90 1QX	11.30	2.35	2.33	0.00	0.02	0.12
19.90	M20	M90 1NN	11.30	2.35	2.33	0.00	0.02	0.12
23.22	M20	M90 1QX	11.30	2.35	2.33	0.00	0.02	0.12
6.95	M4 3	M60 2DS	8.30	1.73	1.71	0.00	0.01	0.09
13.50	M90 1NN	WA14	12.30	2.56	2.54	0.00	0.02	0.13
17.00	M90 1NN	M20	10.80	2.25	2.23	0.00	0.02	0.12
22.00	M90 1NN	M20	10.80	2.25	2.23	0.00	0.02	0.12
25.00	M90 1QX	M20	10.80	2.25	2.23	0.00	0.02	0.12
35.20	M90 1QX	M11	19.20	3.99	3.96	0.00	0.03	0.21
48.50	M90 3PY	OL16	43.60	9.07	9.00	0.00	0.07	0.47
66.00	M90 3RR	M2 4EB	18.80	3.91	3.88	0.00	0.03	0.20
4.24	Madrid	Madrid	1.68	0.35	0.35	0.00	0.00	0.02
6.19	Madrid	Madrid	3.32	0.69	0.69	0.00	0.01	0.04
8.72	Madrid	Madrid	5.44	1.13	1.12	0.00	0.01	0.06
8.82	Madrid	Madrid	5.53	1.15	1.14	0.00	0.01	0.06
9.53	Madrid	Madrid	6.12	1.27	1.26	0.00	0.01	0.07
10.12	Madrid	Madrid	6.62	1.38	1.37	0.00	0.01	0.07
10.44	Madrid	Madrid	6.89	1.43	1.42	0.00	0.01	0.07
10.78	Madrid	Madrid	7.17	1.49	1.48	0.00	0.01	0.08
10.87	Madrid	Madrid	7.25	1.51	1.50	0.00	0.01	0.08
11.18	Madrid	Madrid	7.51	1.56	1.55	0.00	0.01	0.08
11.19	Madrid	Madrid	7.52	1.56	1.55	0.00	0.01	0.08
11.65	Madrid	Madrid	7.91	1.65	1.63	0.00	0.01	0.09
12.16	Madrid	Madrid	8.33	1.73	1.72	0.00	0.01	0.09
12.20	Madrid	Madrid	8.37	1.74	1.73	0.00	0.01	0.09
12.57	Madrid	Madrid	8.68	1.81	1.79	0.00	0.01	0.09
12.65	Madrid	Madrid	8.76	1.82	1.81	0.00	0.01	0.09
12.96	Madrid	Madrid	9.05	1.88	1.87	0.00	0.02	0.10
13.05	Madrid	Madrid	9.13	1.90	1.88	0.00	0.02	0.10
14.18	Madrid	Madrid	10.03	2.09	2.07	0.00	0.02	0.11
14.72	Madrid	Madrid	10.42	2.17	2.15	0.00	0.02	0.11
15.24	Madrid	Madrid	10.82	2.25	2.23	0.00	0.02	0.12
16.62	Madrid	Madrid	12.08	2.51	2.49	0.00	0.02	0.13
16.92	Madrid	Madrid	12.36	2.57	2.55	0.00	0.02	0.13
17.40	Madrid	Madrid	12.83	2.67	2.65	0.00	0.02	0.14
17.40	Madrid	Madrid	12.83	2.67	2.65	0.00	0.02	0.14
17.40	Madrid	Madrid	12.83	2.67	2.65	0.00	0.02	0.14
17.43	Madrid	Madrid	12.86	2.68	2.65	0.00	0.02	0.14
18.10	Madrid	Madrid	13.38	2.78	2.76	0.00	0.02	0.14
18.30	Madrid	Madrid	13.50	2.81	2.79	0.00	0.02	0.15

19.16	Madrid	Madrid	14.15	2.94	2.92	0.00	0.02	0.15
19.52	Madrid	Madrid	14.52	3.02	3.00	0.00	0.02	0.16
20.45	Madrid	Madrid	15.31	3.19	3.16	0.00	0.03	0.16
21.03	Madrid	Madrid	15.75	3.28	3.25	0.00	0.03	0.17
22.20	Madrid	Madrid	16.48	3.43	3.40	0.00	0.03	0.18
22.29	Madrid	Madrid	16.57	3.45	3.42	0.00	0.03	0.18
22.54	Madrid	Madrid	16.82	3.50	3.47	0.00	0.03	0.18
22.71	Madrid	Madrid	16.97	3.53	3.50	0.00	0.03	0.18
23.52	Madrid	Madrid	17.62	3.67	3.64	0.00	0.03	0.19
24.36	Madrid	Madrid	18.31	3.81	3.78	0.00	0.03	0.20
26.02	Madrid	Madrid	19.70	4.10	4.07	0.00	0.03	0.21
26.05	Madrid	Madrid	19.73	4.10	4.07	0.00	0.03	0.21
26.10	Madrid	Madrid	19.77	4.11	4.08	0.00	0.03	0.21
28.41	Madrid	Madrid	21.54	4.48	4.45	0.00	0.04	0.23
28.85	Madrid	Madrid	21.93	4.56	4.53	0.00	0.04	0.24
28.88	Madrid	Madrid	21.96	4.57	4.53	0.00	0.04	0.24
29.12	Madrid	Madrid	22.21	4.62	4.58	0.00	0.04	0.24
29.13	Madrid	Madrid	22.22	4.62	4.59	0.00	0.04	0.24
29.16	Madrid	Madrid	22.25	4.63	4.59	0.00	0.04	0.24
29.16	Madrid	Madrid	22.25	4.63	4.59	0.00	0.04	0.24
31.99	Madrid	Madrid	25.01	5.20	5.16	0.00	0.04	0.27
40.65	Madrid	Madrid	32.29	6.72	6.66	0.00	0.05	0.35
53.01	Madrid	Madrid	42.68	8.88	8.81	0.00	0.07	0.46
33.00	Manch airport M90	M3 2NW	17.60	3.66	3.63	0.00	0.03	0.19
37.23	Manch airport M90	M60 2DS	17.60	3.66	3.63	0.00	0.03	0.19
6.40	Manchester	Manchester	2.20	0.46	0.45	0.00	0.00	0.02
7.20	Manchester	Manchester	2.64	0.55	0.54	0.00	0.00	0.03
8.20	Manchester	Manchester	3.28	0.68	0.68	0.00	0.01	0.04
8.40	Manchester	Manchester	3.41	0.71	0.70	0.00	0.01	0.04
8.80	Manchester	Manchester	3.67	0.76	0.76	0.00	0.01	0.04
14.65	Manchester	Manchester	7.21	1.50	1.49	0.00	0.01	0.08
17.00	Manchester	Manchester	8.68	1.81	1.79	0.00	0.01	0.09
21.96	Manchester	Manchester	11.72	2.44	2.42	0.00	0.02	0.13
33.00	Manchester	Manchester	18.46	3.84	3.81	0.00	0.03	0.20
33.00	Manchester	Manchester	18.46	3.84	3.81	0.00	0.03	0.20
33.20	Manchester	Manchester	18.59	3.87	3.84	0.00	0.03	0.20
33.89	Manchester	Manchester	18.93	3.94	3.91	0.00	0.03	0.20
38.20	Manchester	Manchester	21.67	4.51	4.47	0.00	0.04	0.23
38.49	Manchester	Manchester	21.80	4.54	4.50	0.00	0.04	0.23
10.57	Milano	Milano	5.98	1.24	1.23	0.00	0.01	0.06
12.29	Milano	Milano	7.46	1.55	1.54	0.00	0.01	0.08
14.32	Milano	Milano	9.20	1.91	1.90	0.00	0.02	0.10

17.63	Milano	Milano	12.05	2.51	2.49	0.00	0.02	0.13
17.63	Milano	Milano	12.05	2.51	2.49	0.00	0.02	0.13
17.67	Milano	Milano	12.09	2.52	2.50	0.00	0.02	0.13
19.39	Milano	Milano	13.57	2.82	2.80	0.00	0.02	0.15
20.84	Milano	Milano	14.81	3.08	3.06	0.00	0.02	0.16
20.95	Milano	Milano	14.91	3.10	3.08	0.00	0.02	0.16
22.17	Milano	Milano	15.95	3.32	3.29	0.00	0.03	0.17
23.40	Milano	Milano	17.02	3.54	3.51	0.00	0.03	0.18
24.74	Milano	Milano	18.17	3.78	3.75	0.00	0.03	0.20
25.14	Milano	Milano	18.51	3.85	3.82	0.00	0.03	0.20
33.47	Milano	Milano	25.67	5.34	5.30	0.00	0.04	0.28
37.24	Milano	Milano	28.92	6.02	5.97	0.00	0.05	0.31
71.71	Milano	Milano	58.55	12.18	12.08	0.00	0.10	0.63
82.23	Milano	Milano	67.60	14.06	13.95	0.00	0.11	0.73
97.83	Milano	Milano	81.02	16.86	16.72	0.00	0.14	0.87
57.60	N1	TW6 2GA	37.80	7.86	7.80	0.00	0.06	0.41
66.88	N1	E16 2PX	14.00	2.91	2.89	0.00	0.02	0.15
116.8 2	N1	TW6 2GA	37.80	7.86	7.80	0.00	0.06	0.41
137.5 0	N1	TW6 2GA	37.80	7.86	7.80	0.00	0.06	0.41
145.8 6	N1	TW6 2GA	37.80	7.86	7.80	0.00	0.06	0.41
31.50	NE13 8BZ	NE8 2AR	19.70	4.10	4.07	0.00	0.03	0.21
25.00	NE8 2AR	NE13 8BZ	19.70	4.10	4.07	0.00	0.03	0.21
11.99	NW1 1DG	W1U 2	2.50	0.52	0.52	0.00	0.00	0.03
32.60	NW1 6JJ	SE1	7.90	1.64	1.63	0.00	0.01	0.09
70.00	Orpington	SS15 6LX	43.40	9.03	8.96	0.00	0.07	0.47
95.00	OX4	TW6 2GA	78.00	16.23	16.10	0.00	0.13	0.84
100.0 0	OX4	TW6 2GA	78.00	16.23	16.10	0.00	0.13	0.84
11.00	Oxford	Oxford	2.72	0.57	0.56	0.00	0.00	0.03
11.00	Oxford	Oxford	2.73	0.57	0.56	0.00	0.00	0.03
12.10	Oxford	Oxford	3.33	0.69	0.69	0.00	0.01	0.04
12.90	Oxford	Oxford	3.75	0.78	0.77	0.00	0.01	0.04
13.90	Oxford	Oxford	4.29	0.89	0.89	0.00	0.01	0.05
15.00	Oxford	Oxford	4.88	1.02	1.01	0.00	0.01	0.05
28.00	Paddington station	N7	8.80	1.83	1.82	0.00	0.01	0.09
22.00	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11
50.82	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11
50.82	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11
50.82	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11
50.82	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11
50.82	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11

50.82	RH2	RH6 ORD	10.30	2.14	2.13	0.00	0.02	0.11
57.96	RH6 ONP	TW20	52.20	10.86	10.77	0.00	0.09	0.56
80.00	RH6 ONP	GU22	42.20	8.78	8.71	0.00	0.07	0.45
90.00	RH6 ONP	GU22	42.20	8.78	8.71	0.00	0.07	0.45
140.00	RH6 ONP	CB2	152.00	31.62	31.37	0.00	0.25	1.64
170.00	RH6 ONP	CB2	152.00	31.62	31.37	0.00	0.25	1.64
170.00	RH6 ONP	CB2	152.00	31.62	31.37	0.00	0.25	1.64
32.10	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.10	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.30	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.30	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.30	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.30	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.50	RH6 ORD	RH2	10.30	2.14	2.13	0.00	0.02	0.11
32.90	RM12	E16 2PX	21.20	4.41	4.38	0.00	0.04	0.23
46.82	RM2	E16 2PX	46.82	9.74	9.66	0.00	0.08	0.50
5.44	S1 2BP	S10 2	6.10	1.27	1.26	0.00	0.01	0.07
13.90	S1 2BP	S60	12.70	2.64	2.62	0.00	0.02	0.14
14.50	S1 2BP	S60	12.70	2.64	2.62	0.00	0.02	0.14
14.55	S1 2BP	S60	12.70	2.64	2.62	0.00	0.02	0.14
6.95	S10 2DL	S1 2BP	2.60	0.54	0.54	0.00	0.00	0.03
76.00	S10 2DL	M90 1QX	71.60	14.90	14.78	0.00	0.12	0.77
11.30	S60	S1 2BP	12.70	2.64	2.62	0.00	0.02	0.14
15.00	S60	S1 2BP	12.70	2.64	2.62	0.00	0.02	0.14
180.00	S60	M90 1NN	139.00	28.92	28.69	0.00	0.23	1.50
18.30	SE1 3UN	WC1X 8TX	5.60	1.17	1.16	0.00	0.01	0.06
36.92	SE1 3UN	NW1 6JJ	11.20	2.33	2.31	0.00	0.02	0.12
40.97	SE1 8UD	E16 2FQ	16.70	3.47	3.45	0.00	0.03	0.18
17.92	SL1 8LR	HP9 2JH	10.80	2.25	2.23	0.00	0.02	0.12
23.83	SL1 8LR	HP9 1QX	11.40	2.37	2.35	0.00	0.02	0.12
21.01	SL3	TW6 2GW	11.10	2.31	2.29	0.00	0.02	0.12
45.00	SL4	HP10 0HH	22.50	4.68	4.64	0.00	0.04	0.24
50.00	SL4	HP10 0HH	22.50	4.68	4.64	0.00	0.04	0.24
38.00	SL6	TW6 2GA	26.70	5.55	5.51	0.00	0.04	0.29
25.00	SL7 2NB	HP11 1UP	8.70	1.81	1.80	0.00	0.01	0.09
20.00	SL9 7PA	HP10 0HH	12.50	2.60	2.58	0.00	0.02	0.13
20.00	SL9 7PA	HP10 0HH	12.50	2.60	2.58	0.00	0.02	0.13
11.00	Stafford	Stafford	3.00	0.62	0.62	0.00	0.01	0.03
11.60	Stafford	Stafford	3.30	0.69	0.68	0.00	0.01	0.04
11.90	Stafford	Stafford	3.40	0.71	0.70	0.00	0.01	0.04
13.63	Stafford	Stafford	4.20	0.87	0.87	0.00	0.01	0.05

15.53	Stafford	Stafford	5.00	1.04	1.03	0.00	0.01	0.05
67.20	Stafford	Stafford	27.50	5.72	5.68	0.00	0.05	0.30
19.98	SW11	SE1 3UW	8.40	1.75	1.73	0.00	0.01	0.09
21.91	SW17 OBN	TW11	16.10	3.35	3.32	0.00	0.03	0.17
41.94	SW19	E16 2PX	29.00	6.03	5.99	0.00	0.05	0.31
47.93	SW19	E16 2PX	29.00	6.03	5.99	0.00	0.05	0.31
50.89	SW19	TW6 2GW	48.20	10.03	9.95	0.00	0.08	0.52
55.98	SW19	TW6 2GW	48.20	10.03	9.95	0.00	0.08	0.52
74.95	SW19	RH6 0LL	49.90	10.38	10.30	0.00	0.08	0.54
15.00	SW1H OBH	W1J 7UJ	3.10	0.64	0.64	0.00	0.01	0.03
11.00	SW1H OBP	WC2E 8JS	3.00	0.62	0.62	0.00	0.01	0.03
13.65	SW1W	W1S 4	3.40	0.71	0.70	0.00	0.01	0.04
14.21	SW1W	W1S 4	3.40	0.71	0.70	0.00	0.01	0.04
15.07	SW1W	SW1A 1PH	3.50	0.73	0.72	0.00	0.01	0.04
15.99	SW1W	W1S 4	3.40	0.71	0.70	0.00	0.01	0.04
16.74	SW1W	W1S 4	3.40	0.71	0.70	0.00	0.01	0.04
36.36	SW1W	E16 2PX	19.60	4.08	4.05	0.00	0.03	0.21
10.15	SW1W	SW1X 7HJ	2.10	0.44	0.43	0.00	0.00	0.02
11.35	SW1W	SW1X 7TA	2.10	0.44	0.43	0.00	0.00	0.02
12.22	SW1W	SW1X 7HJ	2.10	0.44	0.43	0.00	0.00	0.02
16.96	SW1W	SW1Y 5ES	4.10	0.85	0.85	0.00	0.01	0.04
59.63	SW1W	TW6 2GW	25.70	5.35	5.30	0.00	0.04	0.28
62.63	SW1W	TW6 2GW	25.70	5.35	5.30	0.00	0.04	0.28
63.39	SW1W 8ED	TW6 2GW	25.70	5.35	5.30	0.00	0.04	0.28
51.35	SW1W 9ES	E16 2PX	19.20	3.99	3.96	0.00	0.03	0.21
69.96	SW1W 9ES	TW6 2GW	25.70	5.35	5.30	0.00	0.04	0.28
13.34	SW1X 9NU	W1K 2QU	2.40	0.50	0.50	0.00	0.00	0.03
45.00	SW1Y 6LX	SE16	11.20	2.33	2.31	0.00	0.02	0.12
8.96	SW6 4HU	SW6 2GA	1.60	0.33	0.33	0.00	0.00	0.02
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
130.00	SY22	M90 1NN	135.00	28.09	27.86	0.00	0.23	1.45
22.96	TW11	SW17 OBN	16.10	3.35	3.32	0.00	0.03	0.17
6.99	TW15 1JQ	TW15 2QN	4.00	0.83	0.83	0.00	0.01	0.04
24.90	TW15 1JQ	TW6 2GW	14.50	3.02	2.99	0.00	0.02	0.16

84.95	TW15 1JQ	RH6 0NY	64.10	13.34	13.23	0.00	0.11	0.69
6.96	TW15 2QN	TW15 1JQ	4.00	0.83	0.83	0.00	0.01	0.04
5.93	TW20	TW20 9LB	1.30	0.27	0.27	0.00	0.00	0.01
65.96	TW6 1EW	HP1	41.50	8.63	8.56	0.00	0.07	0.45
22.99	TW6 2GA	TW6 3AF	6.80	1.41	1.40	0.00	0.01	0.07
30.00	TW6 2GA	TW15 1JQ	12.00	2.50	2.48	0.00	0.02	0.13
47.50	TW6 2GA	HP13	41.90	8.72	8.65	0.00	0.07	0.45
55.00	TW6 2GA	GU22	35.40	7.36	7.31	0.00	0.06	0.38
55.00	TW6 2GA	GU22	35.40	7.36	7.31	0.00	0.06	0.38
55.00	TW6 2GA	GU22	35.40	7.36	7.31	0.00	0.06	0.38
60.00	TW6 2GA	GU22	35.40	7.36	7.31	0.00	0.06	0.38
75.00	TW6 2GA	GU22	35.40	7.36	7.31	0.00	0.06	0.38
80.00	TW6 2GA	HP13	30.30	6.30	6.25	0.00	0.05	0.33
85.00	TW6 2GA	SL6	29.30	6.10	6.05	0.00	0.05	0.32
89.25	TW6 2GA	OX4	71.40	14.85	14.74	0.00	0.12	0.77
94.50	TW6 2GA	OX4	71.40	14.85	14.74	0.00	0.12	0.77
120.00	TW6 2GA	CB2	136.00	28.29	28.07	0.00	0.23	1.46
122.40	TW6 2GA	N1	49.20	10.24	10.15	0.00	0.08	0.53
122.73	TW6 2GA	CB2	123.00	25.59	25.38	0.00	0.21	1.32
136.84	TW6 2GA	N1	49.20	10.24	10.15	0.00	0.08	0.53
140.00	TW6 2GA	CB2	123.00	25.59	25.38	0.00	0.21	1.32
140.00	TW6 2GA	CB2	123.00	25.59	25.38	0.00	0.21	1.32
146.00	TW6 2GA	LU7	74.40	15.48	15.35	0.00	0.12	0.80
147.40	TW6 2GA	N1	49.20	10.24	10.15	0.00	0.08	0.53
153.78	TW6 2GA	N1	49.20	10.24	10.15	0.00	0.08	0.53
172.50	TW6 2GA	CB11	121.00	25.17	24.97	0.00	0.20	1.30
37.54	TW6 2GD	SL3	9.00	1.87	1.86	0.00	0.02	0.10
58.93	TW6 2GW	SW19	49.70	10.34	10.26	0.00	0.08	0.54
58.99	TW6 2GW	SW19	49.70	10.34	10.26	0.00	0.08	0.54
67.97	TW6 2GW	SW19	49.70	10.34	10.26	0.00	0.08	0.54
20.97	TW6 3AF	TW6 2GA	6.80	1.41	1.40	0.00	0.01	0.07
30.00	TW6 3AF	TW6 2GA	6.80	1.41	1.40	0.00	0.01	0.07
37.91	TW6 3AF	HP10 0FN	34.40	7.16	7.10	0.00	0.06	0.37
29.95	TW9 2ND	TW6 3XA	13.70	2.85	2.83	0.00	0.02	0.15
10.02	UB3 4BX	UB3 5AW	3.60	0.75	0.74	0.00	0.01	0.04
8.97	UB7 0DU	UB3 4BX	6.00	1.25	1.24	0.00	0.01	0.06
15.94	W14 8NL	SW6 2GA	4.80	1.00	0.99	0.00	0.01	0.05

24.92	W14 8QA	N1C 4QL	10.30	2.14	2.13	0.00	0.02	0.11
7.96	W14 9JL	W6 8DR	1.40	0.29	0.29	0.00	0.00	0.02
17.00	W1J 7PL	SW1H 0BH	2.50	0.52	0.52	0.00	0.00	0.03
11.93	W1K 2QU	SW1X 7JT	2.80	0.58	0.58	0.00	0.00	0.03
13.43	W1S 2PE	SW1X 7JT	3.30	0.69	0.68	0.00	0.01	0.04
14.09	W1S 4	SW1W	3.00	0.62	0.62	0.00	0.01	0.03
40.82	W1S 4NP	SW5 0EW	5.20	1.08	1.07	0.00	0.01	0.06
24.09	W1U 2	SW1Y 6JF	3.80	0.79	0.78	0.00	0.01	0.04
8.96	W1U 6JG	W1W 5DG	1.80	0.37	0.37	0.00	0.00	0.02
6.95	W6 8DR	W14 9JL	1.50	0.31	0.31	0.00	0.00	0.02
7.93	W8 6	W6 8DR	2.30	0.48	0.47	0.00	0.00	0.02
16.06	W8 6ND	W6 8DR	1.90	0.40	0.39	0.00	0.00	0.02
105.9 2	W8 6ND	MK41 8LH	116.00	24.13	23.94	0.00	0.19	1.25
16.40	WA14	M90 1NN	12.90	2.68	2.66	0.00	0.02	0.14
167.0 0	WA15	S1 2GZ	75.80	15.77	15.64	0.00	0.13	0.82
9.31	WC1X 8TX	EC1A 9RQ	1.50	0.31	0.31	0.00	0.00	0.02
15.97	WC1X 8TX	EC1N 7RS	0.75	0.16	0.15	0.00	0.00	0.01
8.96	WV3	WV1 1LE	4.50	0.94	0.93	0.00	0.01	0.05
50.00	YO26	LS19 7TU	51.50	10.71	10.63	0.00	0.09	0.55
9.30	YO30 6AA	YO30 7DT	0.75	0.16	0.15	0.00	0.00	0.01
28.58	E2 9	W18 4EF	20.01	4.16	4.13	0.00	0.03	0.22
24.91	K9 5	M15 4YB	17.44	3.63	3.60	0.00	0.03	0.19
45.00	OL16	TW6 2GA	31.50	6.55	6.50	0.00	0.05	0.34
25.00	TW20	E16 2PX	17.50	3.64	3.61	0.00	0.03	0.19
46.00	TW6 2GA	OL16	32.20	6.70	6.65	0.00	0.05	0.35
4.50			3.15	0.66	0.65	0.00	0.01	0.03
5.15			3.61	0.75	0.74	0.00	0.01	0.04
7.98			5.59	1.16	1.15	0.00	0.01	0.06
8.00			5.60	1.17	1.16	0.00	0.01	0.06
8.36			5.85	1.22	1.21	0.00	0.01	0.06
8.50			5.95	1.24	1.23	0.00	0.01	0.06
8.75			6.13	1.27	1.26	0.00	0.01	0.07
8.91			6.24	1.30	1.29	0.00	0.01	0.07
8.98			6.29	1.31	1.30	0.00	0.01	0.07
9.00			6.30	1.31	1.30	0.00	0.01	0.07
9.17			6.42	1.34	1.32	0.00	0.01	0.07
9.18			6.43	1.34	1.33	0.00	0.01	0.07
9.53			6.67	1.39	1.38	0.00	0.01	0.07
9.95			6.97	1.45	1.44	0.00	0.01	0.08
9.96			6.97	1.45	1.44	0.00	0.01	0.08
10.00			7.00	1.46	1.44	0.00	0.01	0.08
10.00			7.00	1.46	1.44	0.00	0.01	0.08

10.00	7.00	1.46	1.44	0.00	0.01	0.08
10.00	7.00	1.46	1.44	0.00	0.01	0.08
10.29	7.20	1.50	1.49	0.00	0.01	0.08
10.58	7.41	1.54	1.53	0.00	0.01	0.08
10.84	7.59	1.58	1.57	0.00	0.01	0.08
10.98	7.69	1.60	1.59	0.00	0.01	0.08
11.00	7.70	1.60	1.59	0.00	0.01	0.08
11.00	7.70	1.60	1.59	0.00	0.01	0.08
11.19	7.83	1.63	1.62	0.00	0.01	0.08
11.26	7.88	1.64	1.63	0.00	0.01	0.08
11.44	8.01	1.67	1.65	0.00	0.01	0.09
11.62	8.14	1.69	1.68	0.00	0.01	0.09
11.65	8.16	1.70	1.68	0.00	0.01	0.09
11.78	8.25	1.72	1.70	0.00	0.01	0.09
11.94	8.36	1.74	1.72	0.00	0.01	0.09
11.98	8.39	1.74	1.73	0.00	0.01	0.09
12.02	8.42	1.75	1.74	0.00	0.01	0.09
12.04	8.43	1.75	1.74	0.00	0.01	0.09
12.06	8.44	1.76	1.74	0.00	0.01	0.09
12.30	8.61	1.79	1.78	0.00	0.01	0.09
12.44	8.71	1.81	1.80	0.00	0.01	0.09
12.80	8.96	1.86	1.85	0.00	0.01	0.10
12.86	9.00	1.87	1.86	0.00	0.02	0.10
12.93	9.05	1.88	1.87	0.00	0.02	0.10
13.22	9.26	1.93	1.91	0.00	0.02	0.10
13.50	9.45	1.97	1.95	0.00	0.02	0.10
14.22	9.96	2.07	2.05	0.00	0.02	0.11
14.42	10.10	2.10	2.08	0.00	0.02	0.11
14.62	10.24	2.13	2.11	0.00	0.02	0.11
14.71	10.30	2.14	2.13	0.00	0.02	0.11
15.27	10.69	2.22	2.21	0.00	0.02	0.12
15.64	10.95	2.28	2.26	0.00	0.02	0.12
16.00	11.20	2.33	2.31	0.00	0.02	0.12
16.09	11.27	2.34	2.32	0.00	0.02	0.12
16.20	11.34	2.36	2.34	0.00	0.02	0.12
16.89	11.83	2.46	2.44	0.00	0.02	0.13
17.00	11.90	2.48	2.46	0.00	0.02	0.13
17.97	12.58	2.62	2.60	0.00	0.02	0.14
19.80	13.86	2.88	2.86	0.00	0.02	0.15
19.94	13.96	2.90	2.88	0.00	0.02	0.15
19.99	14.00	2.91	2.89	0.00	0.02	0.15
20.00	14.00	2.91	2.89	0.00	0.02	0.15
20.46	14.32	2.98	2.96	0.00	0.02	0.15
20.49	14.35	2.98	2.96	0.00	0.02	0.15

20.98	14.69	3.06	3.03	0.00	0.02	0.16
21.06	14.74	3.07	3.04	0.00	0.02	0.16
21.97	15.38	3.20	3.17	0.00	0.03	0.17
22.43	15.70	3.27	3.24	0.00	0.03	0.17
22.64	15.85	3.30	3.27	0.00	0.03	0.17
22.70	15.89	3.31	3.28	0.00	0.03	0.17
23.19	16.24	3.38	3.35	0.00	0.03	0.17
23.40	16.38	3.41	3.38	0.00	0.03	0.18
23.81	16.67	3.47	3.44	0.00	0.03	0.18
23.98	16.79	3.49	3.46	0.00	0.03	0.18
24.15	16.91	3.52	3.49	0.00	0.03	0.18
24.76	17.34	3.61	3.58	0.00	0.03	0.19
25.71	18.00	3.74	3.71	0.00	0.03	0.19
25.90	18.13	3.77	3.74	0.00	0.03	0.20
26.66	18.67	3.88	3.85	0.00	0.03	0.20
27.89	19.53	4.06	4.03	0.00	0.03	0.21
28.08	19.66	4.09	4.06	0.00	0.03	0.21
28.54	19.98	4.16	4.12	0.00	0.03	0.22
28.77	20.14	4.19	4.16	0.00	0.03	0.22
28.99	20.30	4.22	4.19	0.00	0.03	0.22
29.05	20.34	4.23	4.20	0.00	0.03	0.22
29.23	20.47	4.26	4.22	0.00	0.03	0.22
29.33	20.54	4.27	4.24	0.00	0.03	0.22
30.01	21.01	4.37	4.34	0.00	0.04	0.23
30.48	21.34	4.44	4.40	0.00	0.04	0.23
31.14	21.80	4.54	4.50	0.00	0.04	0.23
31.21	21.85	4.55	4.51	0.00	0.04	0.24
33.20	23.24	4.84	4.80	0.00	0.04	0.25
33.29	23.31	4.85	4.81	0.00	0.04	0.25
33.60	23.52	4.89	4.85	0.00	0.04	0.25
34.14	23.90	4.97	4.93	0.00	0.04	0.26
34.75	24.33	5.06	5.02	0.00	0.04	0.26
35.00	24.50	5.10	5.06	0.00	0.04	0.26
38.33	26.84	5.58	5.54	0.00	0.04	0.29
38.80	27.17	5.65	5.61	0.00	0.05	0.29
39.38	27.57	5.74	5.69	0.00	0.05	0.30
39.71	27.80	5.78	5.74	0.00	0.05	0.30
40.05	28.04	5.83	5.79	0.00	0.05	0.30
41.04	28.73	5.98	5.93	0.00	0.05	0.31
45.15	31.61	6.58	6.52	0.00	0.05	0.34
55.34	38.75	8.06	8.00	0.00	0.06	0.42
57.80	40.47	8.42	8.35	0.00	0.07	0.44
58.51	40.97	8.52	8.45	0.00	0.07	0.44
58.87	41.22	8.57	8.51	0.00	0.07	0.44

63.28			44.30	9.22	9.14	0.00	0.07	0.48
69.82			48.88	10.17	10.09	0.00	0.08	0.53
74.69			52.29	10.88	10.79	0.00	0.09	0.56
75.26			52.69	10.96	10.87	0.00	0.09	0.57
95.20			66.65	13.86	13.75	0.00	0.11	0.72
140.00			98.02	20.39	20.23	0.00	0.16	1.06
121.00			84.72	17.62	17.48	0.00	0.14	0.91
140.00			98.02	20.39	20.23	0.00	0.16	1.06
42.98			30.09	6.26	6.21	0.00	0.05	0.32
17.91	Amsterdam	Amsterdam	12.54	2.61	2.59	0.00	0.02	0.14
27.08	Amsterdam	Amsterdam	18.96	3.94	3.91	0.00	0.03	0.20
27.25	Amsterdam	Amsterdam	19.08	3.97	3.94	0.00	0.03	0.21
43.52	Amsterdam	Amsterdam	30.47	6.34	6.29	0.00	0.05	0.33
21.91	Badhoevedorp	Badhoevedorp	15.34	3.19	3.17	0.00	0.03	0.17
20.00	Barking	Barking	14.00	2.91	2.89	0.00	0.02	0.15
31.60	Beith	Beith	22.12	4.60	4.57	0.00	0.04	0.24
37.28	Blessington	Blessington	26.10	5.43	5.39	0.00	0.04	0.28
18.83	Bologna	Bologna	13.18	2.74	2.72	0.00	0.02	0.14
23.73	Bologna	Bologna	16.61	3.46	3.43	0.00	0.03	0.18
25.85	Bologna	Bologna	18.10	3.76	3.73	0.00	0.03	0.19
40.81	Bruxelles	Bruxelles	28.57	5.94	5.90	0.00	0.05	0.31
44.18	Bruxelles	Bruxelles	30.93	6.43	6.38	0.00	0.05	0.33
6.25	Budapest	Budapest	4.38	0.91	0.90	0.00	0.01	0.05
8.62	Budapest	Budapest	6.04	1.26	1.25	0.00	0.01	0.06
25.80	Celbridge	Celbridge	18.06	3.76	3.73	0.00	0.03	0.19
35.92	Celbridge	Celbridge	25.15	5.23	5.19	0.00	0.04	0.27
41.57	Celbridge	Celbridge	29.10	6.05	6.01	0.00	0.05	0.31
42.52	Celbridge	Celbridge	29.77	6.19	6.14	0.00	0.05	0.32
17.31	Chicago	Chicago	12.12	2.52	2.50	0.00	0.02	0.13
32.89	Chicago	Chicago	23.03	4.79	4.75	0.00	0.04	0.25
20.90	Dalkeith	Dalkeith	14.63	3.04	3.02	0.00	0.02	0.16
16.81	Dubai	Dubai	11.77	2.45	2.43	0.00	0.02	0.13
17.64	Dubai	Dubai	12.35	2.57	2.55	0.00	0.02	0.13
18.82	Dubai	Dubai	13.18	2.74	2.72	0.00	0.02	0.14
20.30	Dubai	Dubai	14.21	2.96	2.93	0.00	0.02	0.15
65.58	Dubai	Dubai	45.91	9.55	9.47	0.00	0.08	0.49
124.70	Elizabeth	Elizabeth	87.31	18.16	18.02	0.00	0.15	0.94
7.80	Elstree	Elstree	5.46	1.14	1.13	0.00	0.01	0.06
9.80	Elstree	Elstree	6.86	1.43	1.42	0.00	0.01	0.07
11.20	Elstree	Elstree	7.84	1.63	1.62	0.00	0.01	0.08

26.00	Gateshead	Gateshead	18.20	3.79	3.76	0.00	0.03	0.20
120.00	Hainault	Hainault	84.02	17.48	17.34	0.00	0.14	0.90
24.20	Hoddesdon	Hoddesdon	16.94	3.52	3.50	0.00	0.03	0.18
17.00	Ilford	Ilford	11.90	2.48	2.46	0.00	0.02	0.13
33.20	Inchinnan	Inchinnan	23.24	4.84	4.80	0.00	0.04	0.25
10.57	Iver	Iver	7.40	1.54	1.53	0.00	0.01	0.08
20.31	Iver	Iver	14.22	2.96	2.93	0.00	0.02	0.15
30.00	Iver	Iver	21.00	4.37	4.33	0.00	0.04	0.23
30.04	Iver	Iver	21.03	4.38	4.34	0.00	0.04	0.23
20.00	Kilmarnock	Kilmarnock	14.00	2.91	2.89	0.00	0.02	0.15
14.51	Koeln	Koeln	10.16	2.11	2.10	0.00	0.02	0.11
15.58	Koeln	Koeln	10.91	2.27	2.25	0.00	0.02	0.12
32.04	Koeln	Koeln	22.43	4.67	4.63	0.00	0.04	0.24
91.18	Koper	Koper	63.84	13.28	13.17	0.00	0.11	0.69
2.00	London	London	1.40	0.29	0.29	0.00	0.00	0.02
5.25	Loughborough	Loughborough	3.68	0.76	0.76	0.00	0.01	0.04
42.16	Lucan	Lucan	29.52	6.14	6.09	0.00	0.05	0.32
28.19	Lyon	Lyon	19.74	4.11	4.07	0.00	0.03	0.21
40.08	Lyon	Lyon	28.06	5.84	5.79	0.00	0.05	0.30
81.47	Lyon	Lyon	57.04	11.87	11.77	0.00	0.10	0.61
34.45	Masquefa	Masquefa	24.12	5.02	4.98	0.00	0.04	0.26
34.99	Maynooth	Maynooth	24.50	5.10	5.06	0.00	0.04	0.26
43.94	Mijdrecht	Mijdrecht	30.76	6.40	6.35	0.00	0.05	0.33
66.33	Monaco	Monaco	46.44	9.66	9.58	0.00	0.08	0.50
75.17	Monaco	Monaco	52.63	10.95	10.86	0.00	0.09	0.57
37.88	Naas	Naas	26.52	5.52	5.47	0.00	0.04	0.29
39.66	Naas	Naas	27.77	5.78	5.73	0.00	0.05	0.30
40.71	Naas	Naas	28.50	5.93	5.88	0.00	0.05	0.31
105.09	New Hyde Park	New Hyde Park	73.58	15.31	15.18	0.00	0.12	0.79
17.30	Newbridge	Newbridge	12.11	2.52	2.50	0.00	0.02	0.13
8.90	Newcastle	Newcastle	6.23	1.30	1.29	0.00	0.01	0.07
22.40	Newtownabbey	Newtownabbey	15.68	3.26	3.24	0.00	0.03	0.17
41.40	Newtownabbey	Newtownabbey	28.99	6.03	5.98	0.00	0.05	0.31
7.40	Oldham	Oldham	5.18	1.08	1.07	0.00	0.01	0.06
28.70	Oldham	Oldham	20.09	4.18	4.15	0.00	0.03	0.22
6.40	Portsmouth	Portsmouth	4.48	0.93	0.92	0.00	0.01	0.05
4.50	Potters Bar	Potters Bar	3.15	0.66	0.65	0.00	0.01	0.03
9.80	Queens	Queens	6.86	1.43	1.42	0.00	0.01	0.07
18.78	Queens	Queens	13.15	2.74	2.71	0.00	0.02	0.14
47.35	Queens	Queens	33.15	6.90	6.84	0.00	0.06	0.36

37.08	San Antonio	San Antonio	25.96	5.40	5.36	0.00	0.04	0.28
58.68	Schonefeld	Schonefeld	41.08	8.55	8.48	0.00	0.07	0.44
61.66	Schonefeld	Schonefeld	43.17	8.98	8.91	0.00	0.07	0.46
39.07	Straffan	Straffan	27.35	5.69	5.64	0.00	0.05	0.29
8.58	Taksony	Taksony	6.01	1.25	1.24	0.00	0.01	0.06
39.17	Tallaght	Tallaght	27.42	5.70	5.66	0.00	0.05	0.30
4.20	Upminster	Upminster	2.94	0.61	0.61	0.00	0.00	0.03
14.74	Valencia	Valencia	10.32	2.15	2.13	0.00	0.02	0.11
35.82	Waterford	Waterford	25.08	5.22	5.17	0.00	0.04	0.27
12.75	Xeraco	Xeraco	8.93	1.86	1.84	0.00	0.01	0.10
24.80	Xeraco	Xeraco	17.36	3.61	3.58	0.00	0.03	0.19
7.21	YO30 7DT	YO30 6AA	5.05	1.05	1.04	0.00	0.01	0.05

<u>Totals</u>				
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
6,673.46	6,293.97	0.14	50.93	328.41

Start	Destination	Cost	KMs	kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O	WTT - kg CO ₂ e
				0.21	0.21	0.00	0.00	0.05
Menarini	Cambridge	135.00	142.00	29.54	29.31	0.00	0.24	7.35
LHR	Bull hotel	58.00	26.20	5.45	5.41	0.00	0.04	1.36
LHR	London	115.00	66.40	13.82	13.70	0.00	0.11	3.44
Menarini	LHR	50.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	50.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	50.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Sheffield	330.00	190.55	39.64	39.33	0.00	0.32	9.86
London	LHR	115.00	66.40	13.82	13.70	0.00	0.11	3.44
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	50.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Hampton Hotel	58.00	41.30	8.59	8.52	0.00	0.07	2.14
Menarini	LHR	50.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	50.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	50.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	50.00	32.00	6.66	6.60	0.00	0.05	1.66
Crazy Bear	LHR	50.00	26.80	5.58	5.53	0.00	0.04	1.39

Menarini	London	90.00	51.97	10.81	10.73	0.00	0.09	2.69
Wooburn Green	LHR	55.00	33.40	6.95	6.89	0.00	0.06	1.73
Egham	LHR	65.00	13.70	2.85	2.83	0.00	0.02	0.71
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Hilton T4	60.00	35.30	7.34	7.29	0.00	0.06	1.83
LHR	Wooburn Green	65.00	29.00	6.03	5.99	0.00	0.05	1.50
Wooburn Green	Hilton T4	65.00	36.40	7.57	7.51	0.00	0.06	1.88
Menarini	Chelsea	85.00	47.60	9.90	9.82	0.00	0.08	2.46
Hilton T4	T2	65.00	10.70	2.23	2.21	0.00	0.02	0.55
LHR	Crazy Bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Beaconsfield	London	180.00	103.93	21.62	21.45	0.00	0.17	5.38
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Home	50.00	22.40	4.66	4.62	0.00	0.04	1.16
LHR	London	108.00	62.36	12.97	12.87	0.00	0.10	3.23
London	LHR	95.00	54.85	11.41	11.32	0.00	0.09	2.84
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Hampton Hotel	58.00	41.30	8.59	8.52	0.00	0.07	2.14
Hampton	Menarini	20.00	12.40	2.58	2.56	0.00	0.02	0.64
Beaconsfield	Hampton Hotel	25.00	13.60	2.83	2.81	0.00	0.02	0.70
Crazy Bear	LHR	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Hampton Hotel	LHR	55.00	41.30	8.59	8.52	0.00	0.07	2.14
LHR	Crazy Bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	London	220.00	127.03	26.43	26.22	0.00	0.21	6.58
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	London	118.00	68.14	14.18	14.06	0.00	0.11	3.53
LHR	London	115.00	66.40	13.82	13.70	0.00	0.11	3.44
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
London	LHR	115.00	66.40	13.82	13.70	0.00	0.11	3.44
London	LHR	95.00	54.85	11.41	11.32	0.00	0.09	2.84
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
CrazyBear	LHR	55.00	26.80	5.58	5.53	0.00	0.04	1.39
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Reading	Menarini	60.00	34.64	7.21	7.15	0.00	0.06	1.79
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Beaconsfield	London	170.00	98.16	20.42	20.26	0.00	0.16	5.08
Menarini	LHR	55.00	64.00	13.32	13.21	0.00	0.11	3.31

LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Home	LHR	55.00	31.00	6.45	6.40	0.00	0.05	1.60
Home	LHR	70.00	37.00	7.70	7.64	0.00	0.06	1.92
Home	LHR	60.00	26.20	5.45	5.41	0.00	0.04	1.36
Menarini	London	85.00	49.08	10.21	10.13	0.00	0.08	2.54
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Home	78.00	37.00	7.70	7.64	0.00	0.06	1.92
LHR	Home	68.00	26.20	5.45	5.41	0.00	0.04	1.36
LHR	Home	58.00	31.00	6.45	6.40	0.00	0.05	1.60
Home	LHR	70.00	37.00	7.70	7.64	0.00	0.06	1.92
Home	LHR	55.00	32.70	6.80	6.75	0.00	0.05	1.69
LHR	Home	73.00	37.00	7.70	7.64	0.00	0.06	1.92
LHR	Home	58.00	32.70	6.80	6.75	0.00	0.05	1.69
Stansted	Plaza Westminster	162.00	63.50	13.21	13.11	0.00	0.11	3.29
London	Stansted	162.00	93.54	19.46	19.31	0.00	0.16	4.84
Sheffield	Crazy Bear	330.00	190.55	39.64	39.33	0.00	0.32	9.86
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Hampton	58.00	41.30	8.59	8.52	0.00	0.07	2.14
Seer green	London	85.00	49.08	10.21	10.13	0.00	0.08	2.54
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
London	Seer green	85.00	49.08	10.21	10.13	0.00	0.08	2.54
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
Oxford	Menarini	65.00	57.90	12.05	11.95	0.00	0.10	3.00
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Beaconsfield	Windsor	90.00	30.20	6.28	6.23	0.00	0.05	1.56
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Maidenhead	25.00	11.90	2.48	2.46	0.00	0.02	0.62
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	60.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Hampton Hotel	58.00	41.30	8.59	8.52	0.00	0.07	2.14
Hampton	LHR	55.00	41.30	8.59	8.52	0.00	0.07	2.14
Hampton	LHR	60.00	41.30	8.59	8.52	0.00	0.07	2.14
Maidenhead	LHR	60.00	25.50	5.31	5.26	0.00	0.04	1.32
LHR	Maidenhead	63.00	25.50	5.31	5.26	0.00	0.04	1.32
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Luton	85.00	49.08	10.21	10.13	0.00	0.08	2.54
Maidenhead	London	265.00	153.02	31.83	31.58	0.00	0.26	7.92
LHR	Bedford	156.00	90.08	18.74	18.59	0.00	0.15	4.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Hampton Hotel	63.00	12.40	2.58	2.56	0.00	0.02	0.64
Hampton	Menarini	20.00	41.30	8.59	8.52	0.00	0.07	2.14
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66

Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
London	Wokingham	160.00	92.39	19.22	19.07	0.00	0.15	4.78
Hampton	Menarini	20.00	41.30	8.59	8.52	0.00	0.07	2.14
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	London	195.00	112.60	23.43	23.24	0.00	0.19	5.83
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	London	100.00	57.74	12.01	11.92	0.00	0.10	2.99
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Leeds	400.00	320.00	66.58	66.04	0.00	0.53	16.56
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Chalfonts and Maidenhead	LGW	166.00	105.00	21.85	21.67	0.00	0.18	5.43
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
LGW	Maidenhead and Chalfonts	166.00	105.00	21.85	21.67	0.00	0.18	5.43
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Chalfonts	LHR	60.00	28.00	5.83	5.78	0.00	0.05	1.45
Beaconsfield	LHR	55.00	26.30	5.47	5.43	0.00	0.04	1.36
Maidenhead & Winkfield	LHR	90.00	38.70	8.05	7.99	0.00	0.06	2.00
Luton (presume airport)	Winkfield	100.00	46.20	9.61	9.53	0.00	0.08	2.39
LHR	Chalfonts	58.00	28.00	5.83	5.78	0.00	0.05	1.45
LHR	Beaconsfield	72.00	26.30	5.47	5.43	0.00	0.04	1.36
LHR	Maidenhead	55.00	29.50	6.14	6.09	0.00	0.05	1.53
Crazy Bear	London	115.00	66.40	13.82	13.70	0.00	0.11	3.44
London	London and LHR	200.00	115.48	24.03	23.83	0.00	0.19	5.98
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	73.00	32.00	6.66	6.60	0.00	0.05	1.66
Hampton Hotel (& Crazybear)	LHR	65.00	41.30	8.59	8.52	0.00	0.07	2.14
Hampton Hotel	LHR	55.00	41.30	8.59	8.52	0.00	0.07	2.14
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Watford	Menarini	70.00	40.42	8.41	8.34	0.00	0.07	2.09
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	58.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LGW & LHR	Menarini	150.00	118.00	24.55	24.35	0.00	0.20	6.11

LHR	Menarini	90.25	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	90.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LGW	125.00	86.00	17.89	17.75	0.00	0.14	4.45
Menarini	London	125.00	72.18	15.02	14.90	0.00	0.12	3.74
Beaconsfield	London & Canary Wharf	124.00	71.60	14.90	14.78	0.00	0.12	3.71
Menarini	London	125.00	72.18	15.02	14.90	0.00	0.12	3.74
Menarini	London	110.00	63.52	13.21	13.11	0.00	0.11	3.29
Menarini	Excel London	130.00	101.00	21.01	20.84	0.00	0.17	5.23
London	LHR	115.00	66.40	13.82	13.70	0.00	0.11	3.44
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	Langley	45.00	26.90	5.60	5.55	0.00	0.04	1.39
London	Maidenhead	135.00	77.95	16.22	16.09	0.00	0.13	4.03
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Maidenhead	55.00	25.50	5.31	5.26	0.00	0.04	1.32
Wooburn & Seer Green	LHR	75.00	37.80	7.86	7.80	0.00	0.06	1.96
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Maidenhead	LHR	55.00	25.50	5.31	5.26	0.00	0.04	1.32
London	Menarini	80.00	46.19	9.61	9.53	0.00	0.08	2.39
Menarini	London	100.00	57.74	12.01	11.92	0.00	0.10	2.99
LHR	Chalfonts	67.50	28.00	5.83	5.78	0.00	0.05	1.45
LHR	Staines	72.50	41.86	8.71	8.64	0.00	0.07	2.17
Menarini	Chester	350.00	340.00	70.74	70.17	0.00	0.57	17.60
LHR	Wooburn Green	57.50	29.00	6.03	5.99	0.00	0.05	1.50
London	LHR	115.00	66.40	13.82	13.70	0.00	0.11	3.44
London	LGW	165.00	95.27	19.82	19.66	0.00	0.16	4.93
Menarini	Prewsod	45.00	25.98	5.41	5.36	0.00	0.04	1.34
LHR	Maidenhead	50.00	29.50	6.14	6.09	0.00	0.05	1.53
LHR	Crazy Bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
LHR	Kent	155.00	89.50	18.62	18.47	0.00	0.15	4.63
Crazy bear	London	170.00	98.16	20.42	20.26	0.00	0.16	5.08
Crazy bear	LHR	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Menarini	N79 DD	100.00	57.74	12.01	11.92	0.00	0.10	2.99
Maidenhead	LCY	165.00	116.00	24.13	23.94	0.00	0.19	6.00
Beaconsfield	LCY	125.00	96.80	20.14	19.98	0.00	0.16	5.01
LCY	Maidenhead & Chalfonts	171.00	93.80	19.52	19.36	0.00	0.16	4.86
SL23PF	LGW	126.00	80.80	16.81	16.68	0.00	0.13	4.18
Woodburn Green & Winkfield	LCY	175.00	97.40	20.26	20.10	0.00	0.16	5.04
Menarini	LCY	350.00	102.00	21.22	21.05	0.00	0.17	5.28
LCY	Menarini	350.00	102.00	21.22	21.05	0.00	0.17	5.28
LGW	Farnham Common	126.00	83.00	17.27	17.13	0.00	0.14	4.30

LGW	Wooburn Green & Winkfield	181.00	90.20	18.77	18.62	0.00	0.15	4.67
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LCY	Menarini	131.00	102.00	21.22	21.05	0.00	0.17	5.28
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Cambridge	Menarini	135.00	142.00	29.54	29.31	0.00	0.24	7.35
London	Menarini	100.00	57.74	12.01	11.92	0.00	0.10	2.99
Maidenhead	LHR	60.00	25.50	5.31	5.26	0.00	0.04	1.32
LHR	Maidenhead	63.00	25.50	5.31	5.26	0.00	0.04	1.32
Maidenhead	LGW	126.00	86.50	18.00	17.85	0.00	0.14	4.48
LHR	Crazy bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Crazy bear	LHR	55.00	26.80	5.58	5.53	0.00	0.04	1.39
XXX (assumed Home)	LGW	126.00	85.20	17.73	17.58	0.00	0.14	4.41
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Menarini	T2	55.00	29.20	6.08	6.03	0.00	0.05	1.51
Winkfield	T5	70.00	28.10	5.85	5.80	0.00	0.05	1.45
Strand London	LGW	166.00	82.60	17.18	17.05	0.00	0.14	4.28
LHR	Winkfield	73.00	28.10	5.85	5.80	0.00	0.05	1.45
Wooburn Green	T5	55.00	31.90	6.64	6.58	0.00	0.05	1.65
T2	Crazy bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Crazy bear	T2	55.00	26.80	5.58	5.53	0.00	0.04	1.39
LHR	Egham and Wooburn Green	65.00	45.00	9.36	9.29	0.00	0.08	2.33
LHR	London	117.50	67.85	14.12	14.00	0.00	0.11	3.51
London	LHR	225.00	129.92	27.03	26.81	0.00	0.22	6.72
LHR	Crazy bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
High Wycombe and Marlow	Beaconsfield	100.00	49.20	10.24	10.15	0.00	0.08	2.55
Crazy bear	LHR	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Chalfonts	Menarini	25.00	25.00	5.20	5.16	0.00	0.04	1.29
SE1	Chalfonts	125.00	46.90	9.76	9.68	0.00	0.08	2.43
Menarini	Barnet	80.00	59.50	12.38	12.28	0.00	0.10	3.08
LHR	Menarini	55.00	32.00	6.66	6.60	0.00	0.05	1.66
LHR	Crazy bear	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Crazy bear	LHR	55.00	26.80	5.58	5.53	0.00	0.04	1.39
Menarini	LHR	55.00	32.00	6.66	6.60	0.00	0.05	1.66
Windsor	Menarini	45.00	20.10	4.18	4.15	0.00	0.03	1.04

<u>Total</u>			
kg CO ₂ e	kg CO ₂ e of CO ₂	kg CO ₂ e of CH ₄	kg CO ₂ e of N ₂ O

				WTT - kg CO ₂ e
<u>2,898.24</u>	2,302.17	0.05	18.63	577.38

Hotels

Country	Number of Nights	Coefficient	kg CO ₂ e
BELGIUM	2	12.20	24.40
CHINA	4	53.50	214.00
FRANCE	1	6.70	6.70
GERMANY	7	13.20	92.40
IRELAND	2	28.10	56.20
ITALY	242	14.30	3460.60
NETHERLANDS	2	14.80	29.60
SINGAPORE	78	24.50	1911.00
SLOVENIA	2	16.90	33.80
SPAIN	21	7.00	147.00
SWITZERLAND	4	6.60	26.40
UNITED ARAB EMIRATES	25	63.80	1595.00
UNITED KINGDOM	442	11.50	5083.00
UNITED STATES	18	16.10	289.80

Total
kg CO ₂ e
<u>12,969.9</u>

Annex G: Category 4.3 - Emissions from Disposal of Solid and Liquid Waste

Waste Disposal

Waste water

Water supply to the office building is metered by Castle Water.

The water use by the office is pro rata calculated from 6-monthly invoices from Castle Water.

Month(s)	m3	Return to sewer %	kg CO ₂ e
		95%	0.18574
January-February	9.4	8.93	1.6586582
March-August	45	42.75	7.940385
September-October	15	14.25	2.646795
November	6	5.7	1.058718
December	8	7.6	1.411624
Totals	83.4		14.90

Bins

Monthly invoices received showed office waste divided into mixed recyclables, and commercial and industrial waste.

Month	Mixed recycling (kg)	Mixed recycling (t)	kg CO ₂ e 6.41	Commercial and Industrial waste (kg)	Commercial and Industrial waste (t)	kg CO ₂ e 6.41
January	156	0.156	1.00	15	0.015	0.10
February	111	0.111	0.71	8	0.008	0.05
March	92	0.092	0.59	9	0.009	0.06
April	74	0.074	0.47	30	0.03	0.19
May	80	0.08	0.51	5	0.005	0.03
June	98	0.098	0.63	17	0.017	0.11
July	118	0.118	0.76	16	0.016	0.10
August	74	0.074	0.47	85	0.085	0.54
September	38	0.038	0.24	45	0.045	0.29
October	46	0.046	0.29	14	0.014	0.09
November	69	0.069	0.44	45	0.045	0.29
December	62	0.062	0.40	20	0.02	0.13
Total	1018	1.018	6.53	309	0.31	1.98

Total

The total GHG emissions from waste disposal for 2024 is 23.41 kg CO₂e.

Totals
kg CO ₂ e
23.41

Annex H: Category 4.4 - Emissions from use of Assets

Water Usage

Water supply

Water supply to the office building is the same as in Annex G.

Calculation

Month(s)	m3	kg CO ₂ e
		0.15311
January-February	9.4	1.439234
March-August	45	6.88995
September-October	15	2.29665
November	6	0.91866
December	8	1.22488

Totals
kg CO ₂ e
12.92