

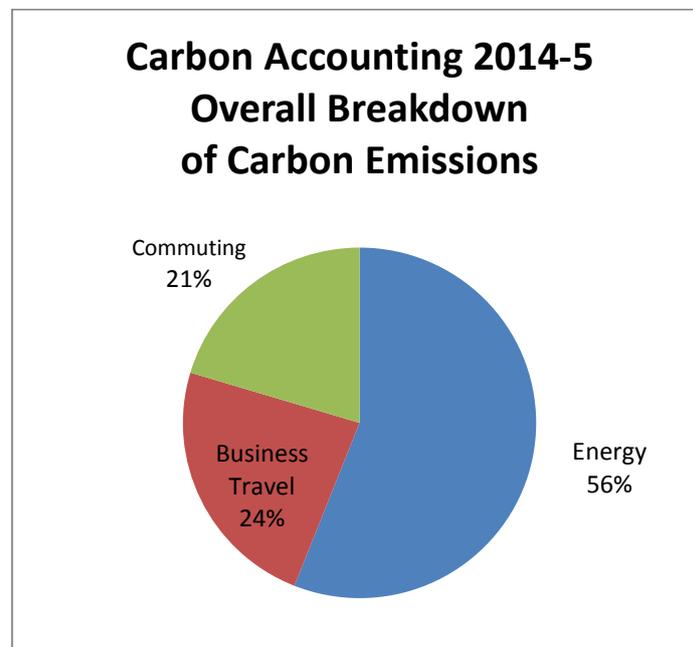
Scottish Environment LINK

Carbon Management Report 2014-5

Management summary

This is the sixth published Carbon Accounts report from LINK. Unfortunately the data for 2013/4 has not been gathered and this year is missing from chart data. For the purpose of comparison 2014/5 records have been compared to 2012/3.

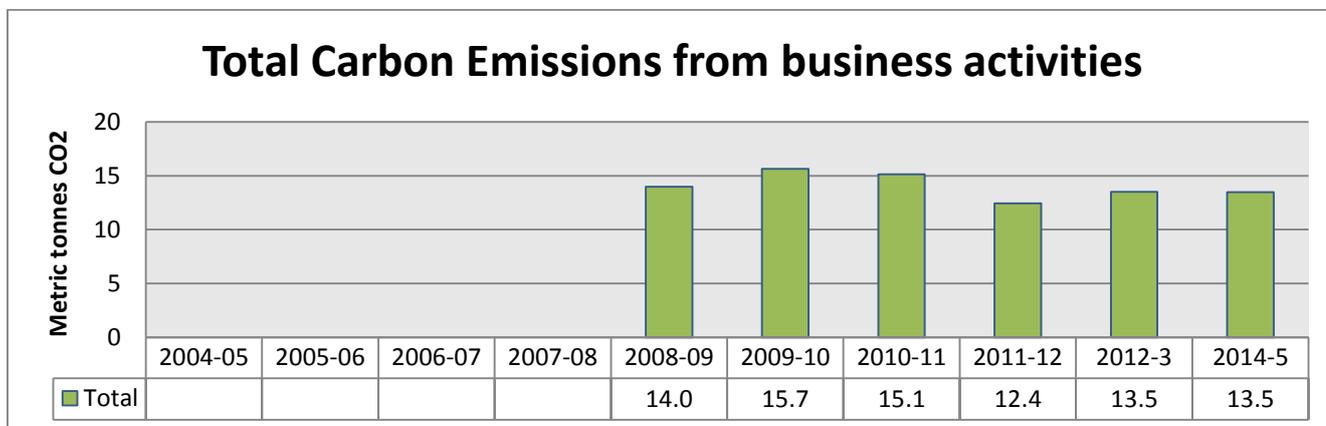
The scope of this year's report is the same as previously: Energy emissions for both offices (Perth and Edinburgh); Travel (both Business and Commuting) for all employees, core, Marine and Flourishing Scotland project staff; and waste and recycling from Perth office.



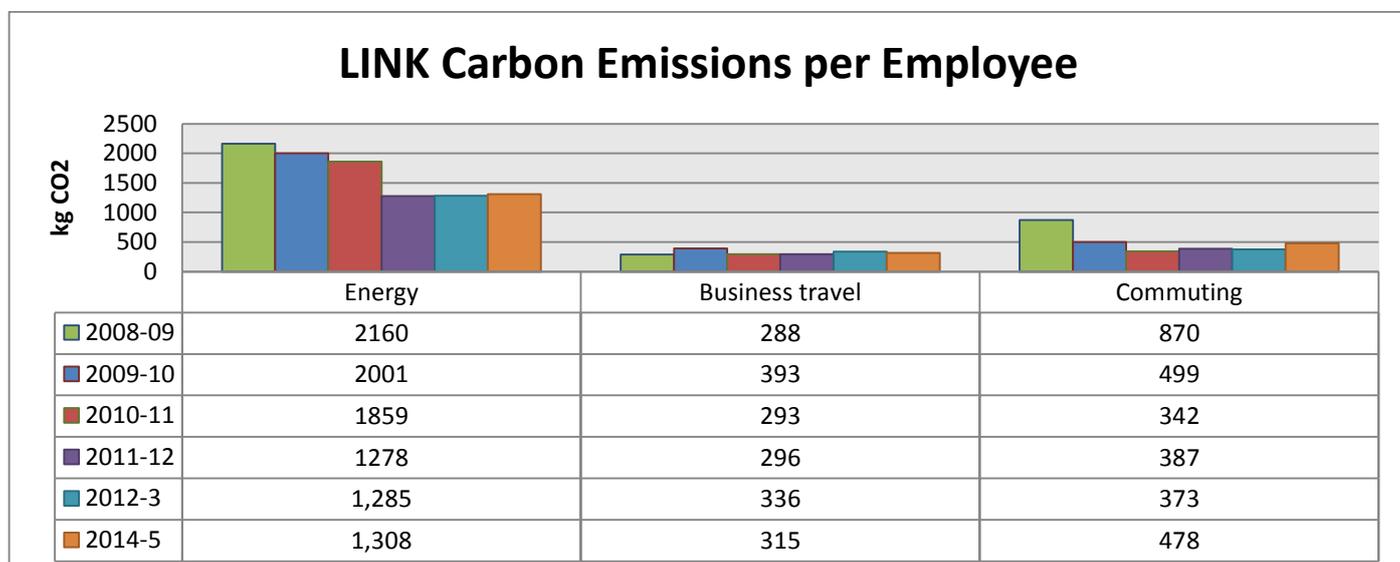
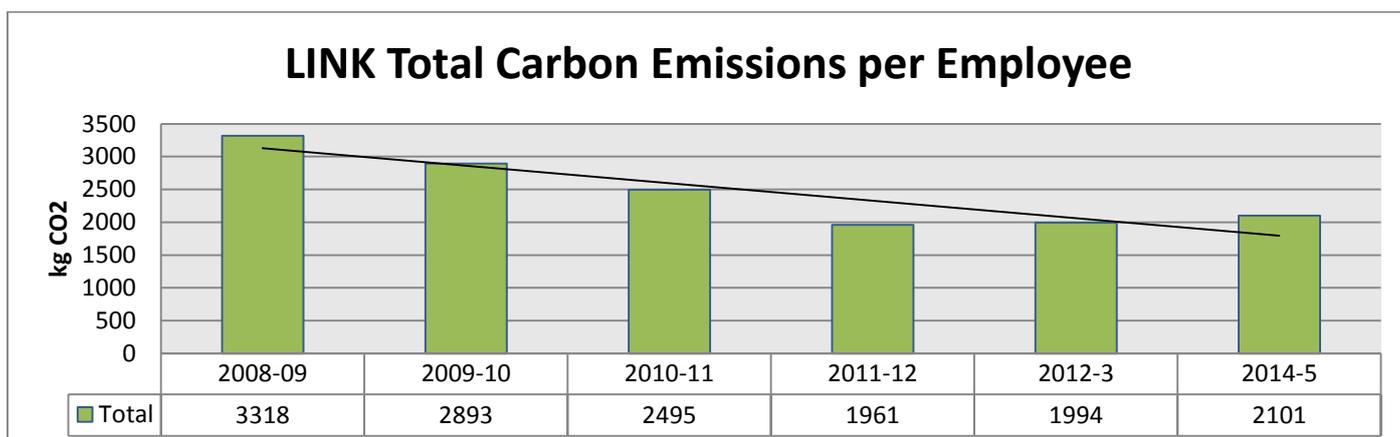
Compared to 2012-13, carbon emissions have shown a modest increase of just under 3% this year: combined energy use in the Perth and Edinburgh office along with business travel is down (a small improvement of 1.5%), commuting however is up (an increase of 24%). The amount of waste we disposed, both landfill and recycled waste fell.

LINK's environmental policy is based on the principle of the "3 Rs" - reducing consumption of energy and other resources, re-using resources as much as possible and recycling where possible.

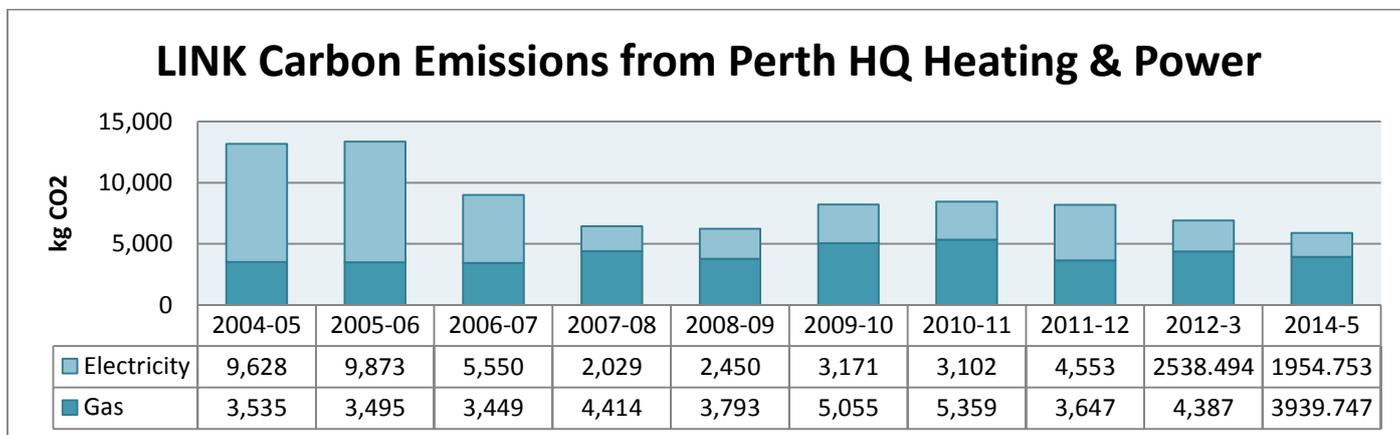
Overall our total Carbon Emissions for the year equated to 14.95 metric tonnes which includes 1.5 metric tonnes generated from travel by members to attend LINK Board and membership meetings. Excluding this member's travel, LINK's business activities emitted 13.5 metric tonnes which was comparable with 2012-3 levels.



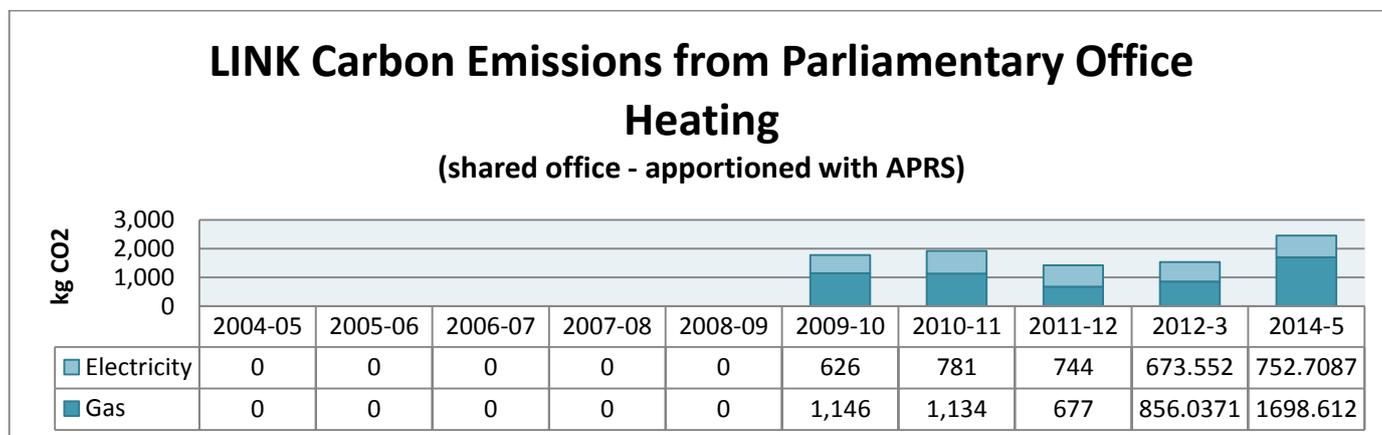
In 2014-5 our average carbon emissions per (fte) employee (including emissions due to commuting to work) rose by 5% (or 0.1 metric ton). This can be attributed to a small decrease in headcount between the two years (from 6.58 to 6.38 FTE), and a small increase in commuting and energy use.



Over the last year, 56% of our carbon emissions were generated by energy usage in our two offices, with 70% of that from Perth HQ. Whilst in the Perth office the gas & electricity usage was down the Edinburgh office usage was up in both categories, overall however, a small reduction. Whilst both our offices are leased (and therefore our ability to make improvements is limited), we were able to insulate the loft space in our Perth office a few years ago.

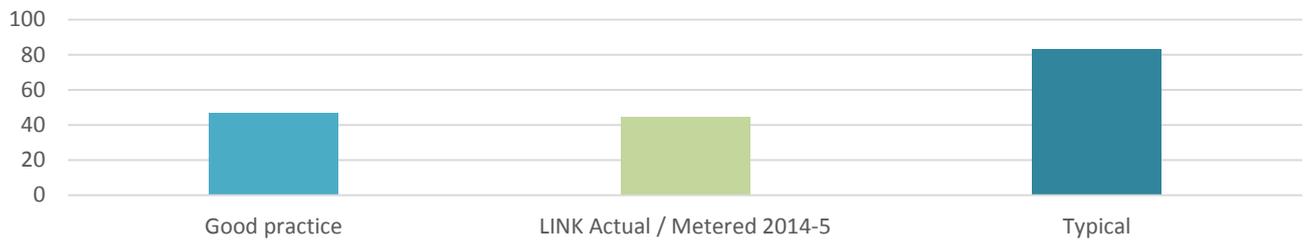


The carbon emissions in our Edinburgh Parliamentary office, sublet and shared with APRS, are apportioned according to usage: 43% (of office space) for gas heating, and 67% (of employee office hours) for electricity consumption.



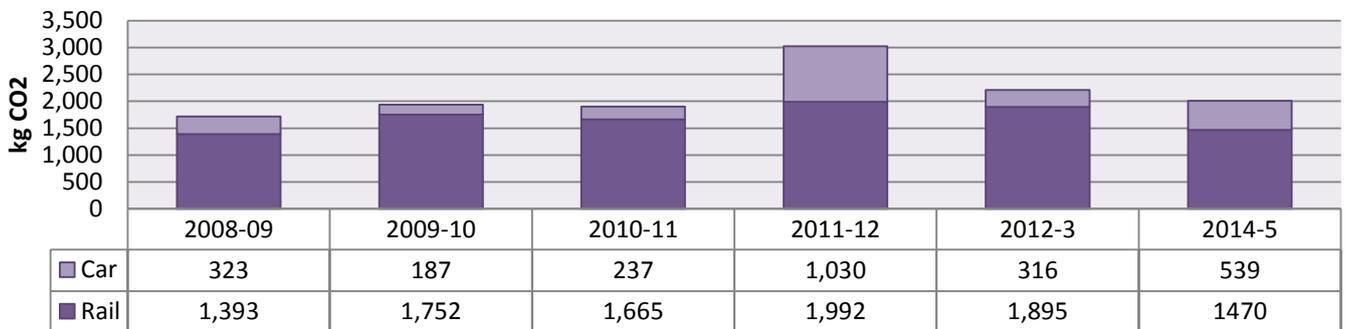
We continue to benchmark our Perth office performance against best practice for a typical office of the same size, using the benchmark tool from the Carbon Trust. This year we are slightly out performing best practice: a very good performance considering the limitations of an old building with no wall insulation.

Energy Emissions Benchmark for Perth office (using the Carbon Trust benchmark tool)



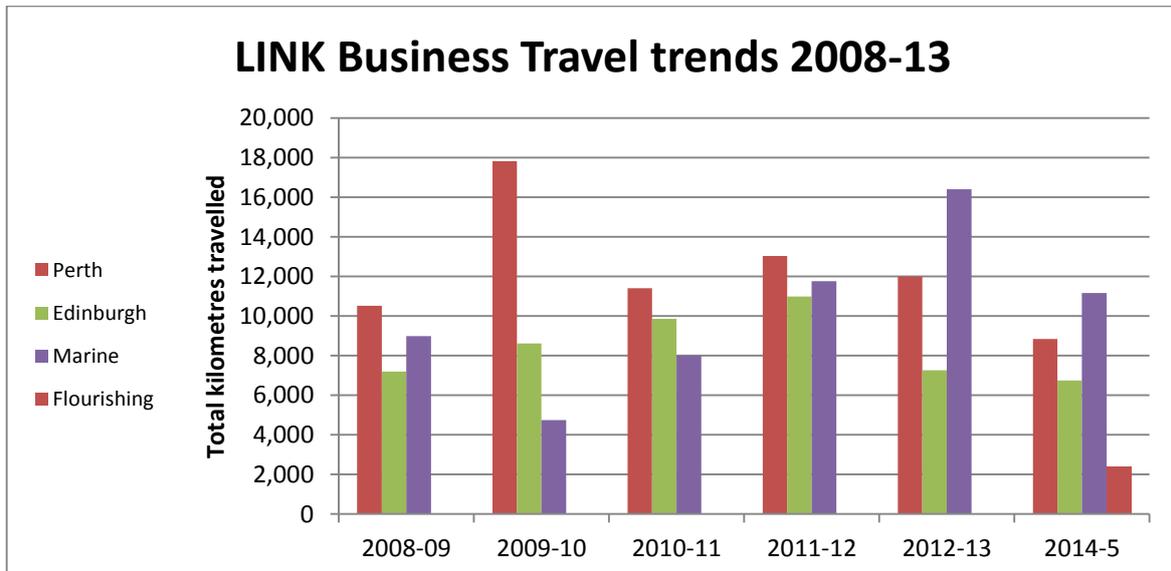
LINK carbon emissions from business travel showed a small reduction from 2012-3.

LINK Carbon Emissions from Business Travel



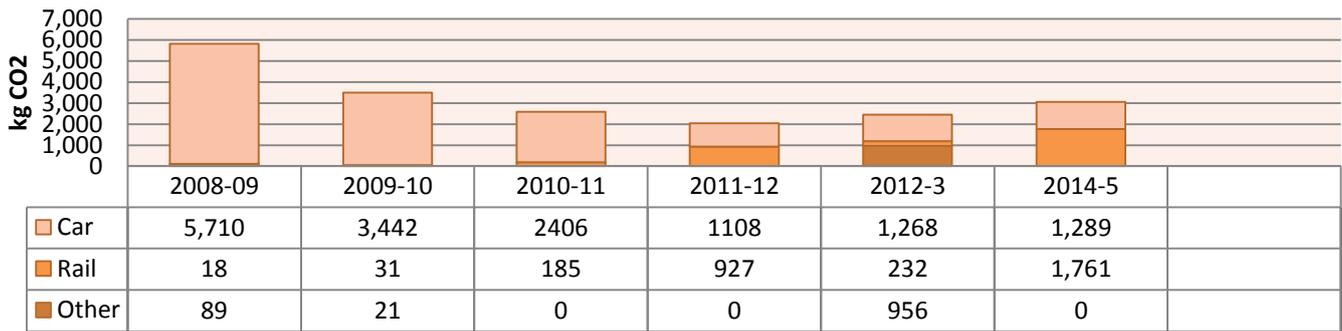
And we can see the split of business travel between the different projects/offices below.

LINK Business Travel trends 2008-13

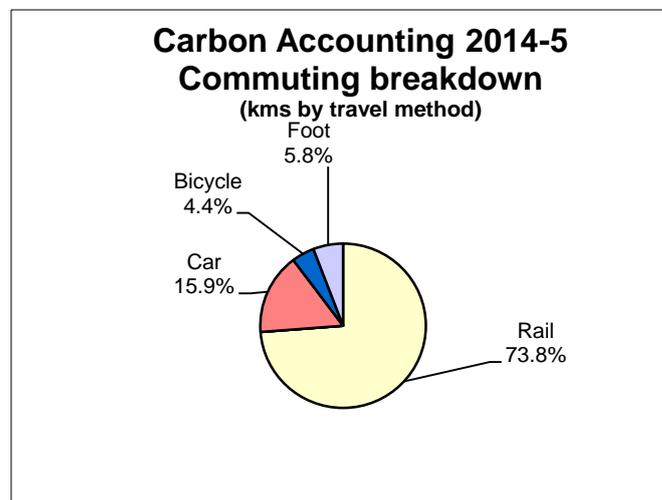


Overall carbon emissions from staff commutes to work was slightly higher than 2012-13, with public transport continuing to be the dominant mode of transport.

LINK Carbon Emissions from Commuting to work



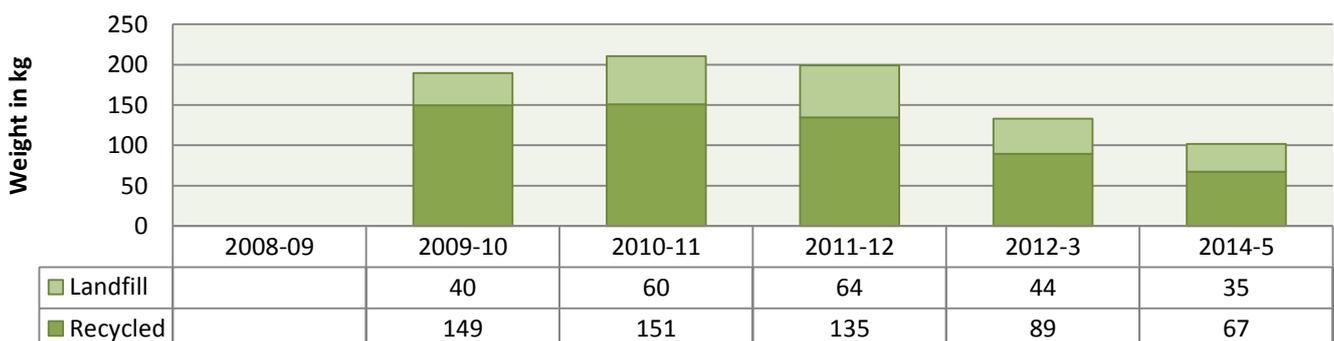
LINK has a policy of encouraging staff to avoid carbon emitting simple business travel by recompensing such journeys on bicycle or by foot at car mileage rates. For those who have longer commutes to work, rail travel remains the most popular and whilst this accounts for nearly 74% of travel, over half the LINK staff undertake their daily commute either on foot or bicycle.



Total landfill and recycled waste generated in our Perth office fell again on previous years. Included in our waste figures is waste which is generated from the use of our meeting room which is regularly utilised by member bodies and local charities.

We also have a composting facility and wormery which allows us to recycle all our organic matter into reusable compost which is then utilised by our neighbours, Turning Point Scotland (a charity providing person centred support to adults with a range of complex needs) on their gardening project.

LINK Waste Disposal in Perth office



Improving our carbon management in 2014-5

For the next financial year, LINK will:

- Develop an enhanced employee expenses system which captures travel data more efficiently, and highlights carbon emissions to employees
- Work with APRS (who share our Edinburgh office) to introduce a system to measure waste and recycling
- Alert LINK staff to the Cycle to work scheme, providing tax free bikes for **work** through the Government's Green Transport Initiative.

Detailed carbon accounts breakdown

Scottish Environment LINK - Carbon Accounting											
2014-15 Carbon Emissions - Detailed Summary											
Category		Unit of measure	Office / Project					LINK Meetings	TOTAL	Conv factor	Total kg CO2
			Perth *	Edinburgh	Marine	Flourishing					
Energy	Gas	kWh	19,125	8,246	n/a	n/a	n/a	27,371	0.206	5,638	
	Electricity	kWh	3,640	1,402	n/a	n/a	n/a	5,042	0.53702	2,707	
Energy	TOTAL	kWh	22,765	9,647	n/a	n/a	n/a	32,412		8,346	
Business travel	Local Bus	km	46	100	150	0		297	0.1158	34	
	Coach	km	0	0	0	0	0	0	0.029	0	
	Rail	km	8,626	5,032	8381	2384	11386	35809	0.0602	2,156	
	Tram	km	32	24	8	0		64	0.078	5	
	Ferry	km	0	0	0	0		0	0.1152	0	
	Air	km	0	0	0	0		0	0.1753	0	
	Taxi	km	125	90	16	13		243	0.1593	39	
	Black cab	km	0	0	0	0		0	0.172	0	
	Car (petrol)	km	0	0	2605	0	3673	6278	0.207	1,299	
	Car (diesel)	km	10	0	0	0	0	10	0.14701	1	
	Bicycle	km	0	0	0	0	0	0	0	0	
	Foot	km	0	0	0	0	0	0	0	0	
	Air	km	0	1,504	0	0	0	1504	0.15835	238	
Business travel	TOTAL	km	8,839	6,750	11160	2397	15058	44203	0	3,535	
Commuting	Local Bus	km	0	0	0	0	n/a	0	0.10946	0	
	Coach	km	0	0	0	0	n/a	0	0.02932	0	
	Rail	km	0	0	37171	0	n/a	37171	0.04738	1,761	
	Tram	km	0	0	0	0	n/a	0	0.06168	0	
	Taxi	km	0	0	0	0	n/a	0	0.17755	0	
	Black cab	km	0	0	0	0	n/a	0	0.21877	0	
	Car (petrol)	km	8,026	0	0	0	n/a	8026	0.16061	1,289	
	Car (diesel)	km	0	0	0	0	n/a	0	0.14701	0	
	Bicycle	km	264	0	1971	396	n/a	2235	0	0	
Foot	km	704	2,235	0	0	n/a	2939	0	0		
Commuting	TOTAL	km	8,994	2,235	39,142	396	0	45197		3,050	
Recycled waste	Paper	kg	63	n/a	n/a	n/a	n/a	63			
	All others	kg	4	n/a	n/a	n/a	n/a	4			
	TOTAL	kg	67	n/a	n/a	n/a	n/a	67			
Landfill waste	TOTAL	kg	35	n/a	n/a	n/a	n/a	35			
TOTAL										14,931	