

TRANSPORT

A fact sheet on Transport in the London Borough of Hounslow.

1 Road Safety

Figure 1: Guide to interpreting spine plots



Table 1: Spine plots of the rates of individuals killed or seriously injured/ or slightly injured in Hounslow versus London. Source: Atkins Benchmarking Data for London Boroughs; London Road Safety Unit 2009 LIP1 data reports

Domain	Hounslow	Inner London	Outer London	London Worst	London Best	Spine Plot	London Best
Killed or Seriously Injured - Adults	71.4	179.0	86.4	281.3	114.1		48.9
% reduction 1994-98 to 2006-08: Adults	48.2	37.9	48.2	17.9	43.9		58.7
Killed or Seriously Injured - Children	7.9	12.6	9.6	25.8	10.5		4.0
% reduction 1994-98 to 2006-08: Children	55.2	64.7	62.4	33.3	63.2		82.7
Killed or Seriously Injured - Pedestrian	22.0	64.8	27.4	115.0	38.6		12.6
% reduction 1994-98 to 2006-08: Pedestrian	28.0	41.6	39.8	13.3	40.7		57.9
Killed or Seriously Injured - Cyclist	7.1	29.4	6.2	92.6	13.2		2.3
% reduction 1994-98 to 2006-08: Cyclist	38.6	1.0	47.9	-161.9	23.8		73.5
Killed or Seriously Injured - Motorcyclist	12.4	44.6	15.8	67.4	24.4		6.2
% reduction 1994-98 to 2006-08: Motorcyclist	27.4	9.4	18.7	-20.9	13.8		53.3
Slight Injury - All	510.1	1060.2	633.5	1665.0	761.2		346.4
% reduction 1994-98 to 2006-08: All	38.2	37.2	34.8	15.8	35.8		49.3

Table 2: Spine plots of the percentage of casualty per mode of transport. Source: Atkins Benchmarking Data for London Boroughs; London Road Safety Unit 2009 LIP1 data reports

Domain	Hounslow	Inner London	Outer London	London Worst	London Best		London Best
Pedestrians	12.4	21.8	16.1	29.2	18.5		11.0
Cycle	8.3	16.3	6.4	27.6	10.6		3.0
Motorcycle	13.5	20.5	11.8	29.4	15.5		8.2
Car	57.6	30.8	57.8	69.5	46.3		9.3
Taxi	1.7	1.9	0.6	4.8	1.2		0.2
BusCoach	3.5	6.2	4.5	9.5	5.2		2.0
Goods Vehicles	2.4	1.8	2.1	3.9	2.0		0.8
Other	0.6	0.8	0.7	1.7	0.8		0.1

2 Accessibility

Table 3: Spine plots of the percentage of boroughs with an Access to Services score A or B per service type/ or to employment. Source: Atkins Benchmarking Data for London Boroughs; National Indicator 175/176

Domain	Hounslow	Inner London	Outer London	London Worst	London Best		London Best
Primary Schools	29.4	53.2	32.8	14.3	40.9		71.5
Secondary Schools	32.5	67.0	52.6	14.3	58.3		88.9
FE Colleges	31.9	75.1	31.8	0.6	48.9		100.0
GPs	50.6	64.5	48.4	0.0	54.7		86.2
Food Shopping	39.4	63.4	44.0	30.3	51.6		87.4
Open Spaces	15.0	75.1	57.5	15.0	64.4		99.0
Access To Employment	86.5	89.2	84.6	82.4	86.4		94.1

Table 4: Spine plots of the percentage children travelling to school per mode of transport 2009/10. Source: Department for Transport National Indicator 198

Domain	Hounslow	Inner London	Outer London	London Lowest	London Highest		London Highest
Car: 5 to 10 year olds	26	14	28	7	23		41
Car: 11 to 15 year olds	12	6	14	3	11		29
Car share: 5 to 10 year olds	1	2	3	0	3		8
Car share: 11 to 15 year olds	1	1	3	0	2		8
Cycle: 5 to 10 year olds	2	2	1	0	1		5
Cycle: 11 to 15 year olds	2	1	2	0	1		6
Other: 5 to 10 year olds	2	0	4	0	2		72
Other: 11 to 15 year olds	7	2	6	0	4		82
Public transport: 5 to 10 year olds	7	12	6	2	8		18
Public transport: 11 to 15 year olds	48	59	42	5	48		71
Walk: 5 to 10 year olds	62	71	57	0	63		80
Walk: 11 to 15 year olds	30	32	35	0	34		58

3 Sustainable modes of transport

Table 5: Spine plots of the percentage of persons travelling per mode of transport 2009/10. Source: Atkins Benchmarking Data for London Boroughs

Domain	Hounslow	Inner London	Outer London	London Lowest	London Highest		London Highest
Rail	3	4	4	1	4		11
Underground/DLR	6	10	5	0	7		17
Bus/Tram	14	19	11	8	14		30
Taxi/Other Public	0	2	1	0	1		3
Car/Motorcycle	47	27	51	10	42		61
Cycle	3	3	1	0	2		4
Walking	26	36	28	19	30		59

Table 6: Spine plots of the percentage of households with 0,1,2,3 or 4 cars. Source: Census 2001

Domain	Hounslow	Inner London	Outer London	London Lowest	London Highest		London Highest
% No Cars/Vans	29.00	50.32	29.81	22.00	37.49		62.00
% 1 Car/Van	46.00	39.29	45.30	33.00	43.05		50.00
% 2 Cars/Vans	20.00	8.70	20.03	4.00	15.79		27.00
% 3 Cars/Vans	3.95	1.30	3.80	0.67	2.87		5.42
% 4 Cars/Vans	1.00	0.38	1.06	0.20	0.80		1.70
Mean Car Ownership	1.02	0.62	1.01	0.45	0.86		1.21

4 Pollution

Table 7: Spine plots of the Greenhouse gas emissions for individual London boroughs, showing principal sources and per capita emissions for resident population. CO2 equivalent (2008 CO2 eq kilotonnes). Source: Atkins Benchmarking Data for London Boroughs; Travel in London, Key trends and developments, Report Number 2, Transport for London.

Domain	Hounslow	Inner London	Outer London	London Lowest	London Highest		London Highest
Ground-based transport tonnes per capita	1.60	1.22	1.29	0.62	1.26		6.18
Ground-based transport as a % of all Emissions	23.15	12.15	24.79	3.92	19.37		50.65

Time series data from LAQN needs to be compiled for hounslow - what about benchmarking?

5 Traffic levels

Table 8: Spine plots of measures of traffic congestion in Hounslow compared to other London boroughs. Source: Department for Transport Congestion data CGN0201a/b and DfT National Road Traffic Survey TRA8904d.

Domain	Hounslow	Inner London	Outer London	London Lowest	London Highest		London Highest
Average speed 2009/10	16.5	13.0	18.5	9.8	16.5		24.3
% change 2008/09 to 2009/10	0.6	2.4	0.0	-5.0	1.2		9.5
Average journey time 2009/10	3.6	4.6	3.2	2.5	3.6		6.1
% change 2008/09 to 2009/10	-0.3	-2.3	0.0	-9.1	-1.1		4.8
Traffic volume 2009	1612.0	721.5	1127.2	179.0	967.4		2304.0
% change 1999 to 2009	-7.0	-6.2	-0.7	-17.1	-2.4		9.7
% change 2008 to 2009	-0.2	-1.7	-0.3	-4.8	-0.7		5.2

Table 9: Heathrow Airport 2009 data: Passenger volume, Air traffic and mode of travel to and from the airport. Source: Department for Transport Aviation data AVI0301/AVI0107

All terminal passengers (millions)	Total terminating passengers (millions)	Take offs and Landings (thousands)	Mode of travel to/from the airport			Sample size
			% Road	% Rail	% Other	
66	41	460	72.1	27.4	0.5	38024