

Travel in London 10 supplementary information

Borough Local Implementation Plan (LIP) performance indicators

Monitoring of borough LIPs

Under Section 145 of the GLA Act 1999, each London borough is required to produce a Local Implementation Plan (LIP) setting out how it intends to contribute towards the implementation of the Mayor's Transport Strategy (MTS). As well as outlining the borough's local transport objectives, a LIP should detail the specific interventions and schemes intended to contribute towards meeting the MTS goals, challenges and opportunities. A clear strategy for monitoring the performance should also be included.

As part of the process of monitoring LIPs, progress will be tracked against six strategic performance indicators – on mode share, bus service reliability, road traffic casualties, CO₂ emissions and asset (highway) condition – all relate to key priorities within the MTS over which London boroughs have a degree of influence.

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Table 1 Londoners' trips by borough of origin, trips per day and shares by main mode, average day (7-day week) 2014/15 to 2016/17.

London borough	Trips per day (000s)	Rail	Under-ground /DLR	Bus/ tram	Taxi/ other	Car/ motor-cycle	Cycle	Walk	All modes
Camden	733	7%	19%	13%	2%	13%	4%	42%	100%
City of London	282	21%	28%	8%	4%	4%	4%	32%	100%
Hackney	473	6%	7%	19%	2%	16%	6%	44%	100%
Hammersmith & Fulham	462	4%	17%	14%	2%	19%	5%	41%	100%
Haringey	494	4%	9%	20%	1%	26%	3%	38%	100%
Islington	560	6%	14%	17%	2%	15%	5%	41%	100%
Kensington & Chelsea	409	4%	17%	14%	5%	19%	4%	37%	100%
Lambeth	683	7%	12%	21%	2%	21%	4%	35%	100%
Lewisham	551	9%	3%	18%	1%	33%	3%	33%	100%
Newham	632	3%	15%	18%	1%	26%	2%	35%	100%
Southwark	703	8%	9%	19%	1%	23%	3%	37%	100%
Tower Hamlets	588	6%	22%	11%	2%	17%	4%	38%	100%
Wandsworth	642	8%	7%	14%	1%	31%	4%	35%	100%
Westminster	1,132	8%	25%	14%	4%	9%	3%	37%	100%
Inner London	8,343	7%	15%	16%	2%	19%	4%	38%	100%
Barking & Dagenham	257	3%	9%	16%	1%	44%	2%	27%	100%
Barnet	809	2%	7%	13%	1%	46%	1%	31%	100%
Bexley	428	5%	0%	12%	1%	58%	1%	24%	100%
Brent	532	2%	10%	17%	1%	39%	3%	28%	100%
Bromley	727	7%	0%	10%	1%	56%	1%	25%	100%
Croydon	755	7%	0%	16%	1%	51%	1%	25%	100%
Ealing	611	2%	8%	18%	1%	37%	2%	32%	100%
Enfield	617	3%	4%	13%	1%	48%	2%	30%	100%
Greenwich	542	5%	6%	16%	1%	40%	2%	30%	100%
Harrow	460	1%	7%	10%	1%	50%	1%	30%	100%
Havering	426	5%	2%	14%	1%	54%	1%	24%	100%
Hillingdon	614	2%	6%	11%	3%	56%	1%	21%	100%
Hounslow	461	4%	6%	14%	1%	44%	3%	29%	100%
Kingston upon Thames	379	8%	1%	12%	1%	42%	4%	33%	100%
Merton	429	6%	6%	12%	1%	43%	3%	30%	100%
Redbridge	440	3%	9%	9%	1%	53%	1%	25%	100%
Richmond upon Thames	456	7%	3%	10%	1%	39%	7%	34%	100%
Sutton	392	6%	1%	10%	1%	54%	2%	26%	100%
Waltham Forest	485	2%	8%	13%	1%	39%	2%	34%	100%
Outer London	9,821	4%	5%	13%	1%	47%	2%	28%	100%
Greater London	18,165	5%	9%	14%	2%	34%	3%	33%	100%

Note: Whilst these data are provided annually, based on moving 3-year samples, the data to be used for monitoring performance towards achievement of targets will be for discrete (non-overlapping) three year blocks, in order to reduce statistical sampling error.

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Table 2 Bus service reliability indicator: mean excess waiting time by borough for all high-frequency routes, 2011/12 to 2016/17.

London borough	2011/2012 EWT	2012/2013 EWT	2013/2014 EWT	2014/15 EWT	2015/16 EWT	2016/17 EWT
Barking & Dagenham	0.8	0.8	0.9	1.1	1.2	1.1
Barnet	0.9	1.0	1.0	1.0	1.1	1.0
Bexley	1.1	0.9	1.0	1.1	1.2	1.1
Brent	1.0	1.1	1.0	1.1	1.2	1.1
Bromley	0.9	0.9	1.1	1.1	1.1	1.1
Camden	1.1	1.1	1.1	1.1	1.2	1.1
City of London	1.2	1.1	1.1	1.3	1.4	1.2
Croydon	0.8	0.9	1.0	1.0	1.0	1.0
Ealing	0.9	1.1	1.0	1.1	1.1	1.2
Enfield	0.9	1.0	1.1	1.1	1.1	1.1
Greenwich	1.1	1.0	1.0	1.2	1.3	1.2
Hackney	1.1	1.1	1.1	1.2	1.3	1.1
Hammersmith & Fulham	1.1	1.2	1.1	1.1	1.1	1.1
Haringey	1.0	1.0	1.1	1.1	1.1	1.0
Harrow	0.8	0.9	0.9	1.0	1.2	1.1
Havering	0.8	0.8	0.8	0.9	1.1	1.1
Hillingdon	0.8	1.0	0.9	1.0	1.0	1.1
Hounslow	1.0	1.1	0.9	1.0	1.0	1.1
Islington	1.0	1.1	1.1	1.2	1.2	1.1
Kensington & Chelsea	1.2	1.2	1.2	1.1	1.2	1.2
Kingston upon Thames	1.0	1.0	1.0	1.0	1.0	0.9
Lambeth	1.1	1.1	1.0	1.2	1.2	1.1
Lewisham	1.1	1.0	1.1	1.2	1.3	1.2
Merton	1.0	1.0	1.0	1.1	1.1	1.0
Newham	1.1	1.0	1.0	1.1	1.3	1.2
Redbridge	1.0	1.0	1.0	1.2	1.3	1.1
Richmond upon Thames	1.1	1.0	0.9	1.0	1.0	1.0
Southwark	1.1	1.0	1.1	1.2	1.3	1.2
Sutton	0.9	0.9	1.0	1.1	1.1	0.9
Tower Hamlets	1.1	1.2	1.1	1.2	1.4	1.2
Waltham Forest	1.2	1.2	1.1	1.2	1.2	1.1
Wandsworth	1.1	1.1	1.1	1.1	1.2	1.1
Westminster	1.1	1.1	1.1	1.2	1.2	1.2
Greater London	1.0	1.0	1.0	1.1	1.1	1.1

Borough Local Implementation Plan (LIP) performance indicators

Table 3 Road casualties, number of people killed or seriously injured in road traffic collisions by borough, 2012 to 2016.

London borough	Year						% change from	
	2005-2009 average	2012	2013	2014	2015	2016	2015 to 2016	2005-2009 average to 2016
Barking & Dagenham	57	47	45	40	30	43	43%	-25%
Barnet	145	112	131	98	92	74	-20%	-49%
Bexley	90	55	31	24	30	51	70%	-43%
Brent	105	86	84	85	81	98	21%	-7%
Bromley	141	90	70	50	77	92	19%	-35%
Camden	125	114	105	70	76	91	20%	-27%
City of London	50	58	60	55	43	51	19%	2%
Croydon	141	107	71	71	65	76	17%	-46%
Ealing	130	88	81	81	63	92	46%	-29%
Enfield	108	86	72	52	70	73	4%	-32%
Greenwich	117	73	28	40	54	48	-11%	-59%
Hackney	127	147	83	60	82	98	20%	-23%
Hammersmith & Fulham	109	80	53	69	62	79	27%	-28%
Haringey	93	107	106	85	62	76	23%	-18%
Harrow	58	46	38	51	46	44	-4%	-24%
Havering	98	78	51	46	67	80	19%	-18%
Hillingdon	108	83	59	84	66	71	8%	-34%
Hounslow	114	73	64	62	67	78	16%	-32%
Islington	87	122	71	93	89	81	-9%	-7%
Kensington & Chelsea	111	94	64	69	52	69	33%	-38%
Kingston upon Thames	61	34	37	39	29	38	31%	-38%
Lambeth	176	151	133	98	99	122	23%	-31%
Lewisham	125	102	64	63	53	67	26%	-46%
Merton	65	65	32	50	36	44	22%	-32%
Newham	88	77	57	64	72	84	17%	-5%
Redbridge	88	93	51	48	55	71	29%	-19%
Richmond upon Thames	74	52	48	54	38	48	26%	-35%
Southwark	140	117	87	69	89	81	-9%	-42%
Sutton	70	42	31	29	22	30	36%	-57%
Tower Hamlets	127	168	87	88	68	121	78%	-5%
Waltham Forest	90	69	54	61	48	60	25%	-33%
Wandsworth	131	109	99	81	74	98	32%	-25%
Westminster	275	193	177	138	135	172	27%	-37%
Greater London	3,627	3,018	2,324	2,167	2,092	2,501	20%	-31%

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Table 4 Road casualties, number of people slightly injured in road traffic collisions by borough, 2012 to 2016.

London borough	2005-2009 average	Year					% change from	
		2012	2013	2014	2015	2016	2015 to 2016	2005-2009 average to 2016
Barking & Dagenham	546	529	475	609	592	629	6%	15%
Barnet	1199	1150	1097	1178	1228	1165	-5%	-3%
Bexley	554	476	439	532	524	520	-1%	-6%
Brent	813	872	873	982	1008	1049	4%	29%
Bromley	788	731	718	818	866	831	-4%	5%
Camden	777	726	760	967	1010	828	-18%	7%
City of London	319	365	285	335	339	354	4%	11%
Croydon	1067	1033	1021	1043	982	1026	4%	-4%
Ealing	1025	1076	1069	1209	1133	1166	3%	14%
Enfield	925	952	940	951	981	922	-6%	0%
Greenwich	802	698	661	730	734	719	-2%	-10%
Hackney	821	842	807	960	892	918	3%	12%
Hammersmith & Fulham	636	645	625	694	628	659	5%	4%
Haringey	737	783	812	1015	1030	985	-4%	34%
Harrow	476	451	404	542	502	466	-7%	-2%
Havering	805	685	622	727	794	783	-1%	-3%
Hillingdon	920	972	641	860	903	742	-18%	-19%
Hounslow	844	825	839	1001	939	979	4%	16%
Islington	655	750	789	875	885	812	-8%	24%
Kensington & Chelsea	707	638	661	721	656	702	7%	-1%
Kingston upon Thames	369	388	433	435	353	313	-11%	-15%
Lambeth	1058	1085	1214	1294	1301	1338	3%	26%
Lewisham	842	896	876	976	960	983	2%	17%
Merton	456	471	481	567	565	579	2%	27%
Newham	926	847	773	901	1060	1033	-3%	12%
Redbridge	778	801	747	951	904	846	-6%	9%
Richmond upon Thames	412	421	482	555	409	455	11%	10%
Southwark	996	936	905	1045	929	1068	15%	7%
Sutton	506	449	454	391	350	396	13%	-22%
Tower Hamlets	849	1027	933	1133	1179	1151	-2%	36%
Waltham Forest	775	661	580	891	757	761	1%	-2%
Wandsworth	793	1013	904	1043	1024	987	-4%	24%
Westminster	1420	1568	1555	1687	1673	1604	-4%	13%
Greater London	25,600	25,762	24,875	28,618	28,090	27,769	-1%	8%

Table 5 Locally generated CO₂ emissions by borough: principal sources and per capita emissions for resident population, 2013.

London borough	Road transport (2013)	Ground-based aviation (2013)	Other transport (2013)	Total ground-based transport (2013)	Population ('000s)	Ground-based transport tonnes per capita
Barking & Dagenham	137	0	8	145	201	0.7
Barnet	398	0	5	403	377	1.1
Bexley	192	8	5	205	239	0.9
Brent	212	0	8	220	326	0.7
Bromley	258	1	1	260	321	0.8
Camden	161	0	7	168	232	0.7
City of London	54	1	2	58	8	7.2
Croydon	242	0	1	244	378	0.6
Ealing	289	0	13	302	350	0.9
Enfield	370	0	1	371	328	1.1
Greenwich	224	6	5	235	267	0.9
Hackney	125	0	1	126	262	0.5
Hammersmith & Fulham	116	15	3	134	182	0.7
Haringey	139	0	2	141	267	0.5
Harrow	142	0	3	145	250	0.6
Havering	356	3	2	361	246	1.5
Hillingdon	417	717	10	1145	294	3.9
Hounslow	294	104	0	398	270	1.5
Islington	103	0	2	105	221	0.5
Kensington & Chelsea	122	2	2	126	156	0.8
Kingston	162	0	1	162	169	1
Lambeth	170	0	2	172	319	0.5
Lewisham	158	0	1	159	291	0.5
Merton	135	0	1	136	209	0.6
Newham	186	38	4	227	332	0.7
Redbridge	258	1	1	259	296	0.9
Richmond	167	44	0	211	194	1.1
Southwark	167	1	3	171	304	0.6
Sutton	115	0	0	115	199	0.6
Tower Hamlets	163	12	6	181	280	0.6
Waltham Forest	181	1	2	184	273	0.7
Wandsworth	175	13	1	190	316	0.6
Westminster	264	0	4	269	230	1.2
Greater London	6,652	969	107	7,728	8,587	0.9

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Table 6 Highway Asset Condition – the percentage of the principal road network length which is in poor overall condition and requires maintenance based on Detailed Visual Inspection survey data, 2014/15, 2015/16 and 2016/17.

London borough	2014/15	2015/16	2016/17
Barking & Dagenham	7.3	9.4	2.7
Barnet	19.9	24.9	31.1
Bexley	2.5	3.9	4.5
Brent	16	21.6	17.1
Bromley	6.2	7.2	6.6
Camden	23.2	5.7	9.4
City of London	7.4	4.7	6.4
Croydon	33.4	36.3	13.2
Ealing	20.2	20.4	24.4
Enfield	16.5	16.3	18.4
Greenwich	15.7	14.5	10.1
Hackney	22.7	15.9	12.7
Hammersmith & Fulham	10.6	9.5	13.6
Haringey	10.2	10.9	19.0
Harrow	34.4	30.7	9.0
Havering	6.6	10.4	8.5
Hillingdon	14.8	18.6	11.8
Hounslow	11.5	12.6	2.8
Islington	15.3	11.9	13.3
Kensington & Chelsea	9.1	6.1	5.9
Kingston upon Thames	19	17.8	18.2
Lambeth	30.6	31	8.8
Lewisham	22.4	25.7	10.6
Merton	15.4	15.9	8.8
Newham	5.7	12.1	10.3
Redbridge	6.2	7.5	7.8
Richmond upon Thames	14.8	16.6	21.9
Southwark	26	25.4	7.9
Sutton	14.7	16.2	11.9
Tower Hamlets	12.8	10.8	8.7
Waltham Forest	25.5	15.7	17.7
Wandsworth	16.6	13.8	9.9
Westminster	23.3	6.3	8.6
Greater London	16	15.3	12.6

Note: Please note that these figures are not consistent with DVI surveys published before 2011/12.