

## Travel in London 9 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, CO<sub>2</sub> 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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Due to a change in methodology the figures in Table 6 are not consistent with figures published before 2011/12.

Borough Local Implementation Plan (LIP) performance indicators

Table 1 Londoners' trips by borough of origin, trips per day and shares by main mode, average day (7-day week) 2013/14 to 2015/16.

London borough	Trips per day (000s)	Percentage of trips by main mode							All modes
		Rail	Under-ground /DLR	Bus/ tram	Taxi/ Other	Car/ motor-cycle	Cycle	Walk	
Camden	760	7%	18%	14%	2%	13%	4%	42%	100%
City of London	282	20%	27%	8%	3%	4%	3%	34%	100%
Hackney	468	6%	7%	21%	1%	19%	6%	40%	100%
Hammersmith & Fulham	491	3%	16%	14%	2%	21%	4%	41%	100%
Haringey	508	3%	8%	21%	0%	28%	3%	36%	100%
Islington	543	6%	13%	20%	2%	14%	5%	40%	100%
Kensington & Chelsea	421	3%	16%	15%	5%	21%	4%	35%	100%
Lambeth	683	7%	11%	22%	1%	21%	4%	34%	100%
Lewisham	537	9%	3%	19%	1%	34%	2%	32%	100%
Newham	695	3%	13%	18%	1%	27%	2%	36%	100%
Southwark	743	7%	9%	19%	1%	22%	3%	38%	100%
Tower Hamlets	611	6%	20%	12%	2%	19%	3%	38%	100%
Wandsworth	669	7%	6%	15%	1%	31%	4%	34%	100%
Westminster	1,145	8%	25%	14%	4%	9%	3%	37%	100%
<b>Inner London</b>	<b>8,559</b>	<b>7%</b>	<b>14%</b>	<b>17%</b>	<b>2%</b>	<b>20%</b>	<b>4%</b>	<b>37%</b>	<b>100%</b>
Barking & Dagenham	286	3%	7%	17%	1%	44%	3%	26%	100%
Barnet	833	1%	6%	14%	1%	48%	1%	29%	100%
Bexley	439	4%	0%	12%	1%	59%	1%	23%	100%
Brent	565	2%	10%	18%	1%	40%	2%	27%	100%
Bromley	716	7%	0%	11%	1%	55%	2%	25%	100%
Croydon	765	6%	0%	17%	1%	49%	1%	25%	100%
Ealing	614	2%	8%	16%	1%	39%	2%	32%	100%
Enfield	623	3%	4%	14%	1%	50%	1%	28%	100%
Greenwich	567	5%	5%	17%	1%	40%	2%	28%	100%
Harrow	474	1%	7%	12%	0%	50%	1%	29%	100%
Havering	476	5%	2%	13%	0%	58%	1%	22%	100%
Hillingdon	628	2%	6%	12%	3%	57%	1%	20%	100%
Hounslow	509	3%	5%	14%	1%	46%	3%	28%	100%
Kingston upon Thames	368	8%	0%	12%	1%	44%	4%	32%	100%
Merton	433	6%	6%	12%	1%	42%	3%	31%	100%
Redbridge	497	3%	8%	10%	1%	53%	1%	24%	100%
Richmond upon Thames	469	6%	3%	9%	1%	41%	7%	33%	100%
Sutton	413	5%	1%	10%	1%	56%	2%	24%	100%
Waltham Forest	512	2%	8%	13%	1%	38%	2%	36%	100%
<b>Outer London</b>	<b>10,186</b>	<b>4%</b>	<b>4%</b>	<b>13%</b>	<b>1%</b>	<b>48%</b>	<b>2%</b>	<b>27%</b>	<b>100%</b>
<b>Greater London</b>	<b>18,746</b>	<b>5%</b>	<b>9%</b>	<b>15%</b>	<b>1%</b>	<b>35%</b>	<b>3%</b>	<b>32%</b>	<b>100%</b>

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.

Borough Local Implementation Plan (LIP) performance indicators

Table 2 Bus service reliability indicator: mean excess waiting time by borough for all high-frequency routes, 2010/11 to 2015/16.

London borough	2010/2011 EWT	2011/2012 EWT	2012/2013 EWT	2013/2014 EWT	2014/15 EWT	2015/16 EWT
Barking & Dagenham	1	0.8	0.8	0.9	1.1	1.2
Barnet	0.9	0.9	1	1	1	1.1
Bexley	0.9	1.1	0.9	1	1.1	1.2
Brent	1	1	1.1	1	1.1	1.2
Bromley	1	0.9	0.9	1.1	1.1	1.1
Camden	1.1	1.1	1.1	1.1	1.1	1.2
City of London	1.1	1.2	1.1	1.1	1.3	1.4
Croydon	0.9	0.8	0.9	1	1	1
Ealing	1	0.9	1.1	1	1.1	1.1
Enfield	0.9	0.9	1	1.1	1.1	1.1
Greenwich	0.9	1.1	1	1	1.2	1.3
Hackney	1.1	1.1	1.1	1.1	1.2	1.3
Hammersmith & Fulham	1.1	1.1	1.2	1.1	1.1	1.1
Haringey	1	1	1	1.1	1.1	1.1
Harrow	0.9	0.8	0.9	0.9	1	1.2
Havering	1	0.8	0.8	0.8	0.9	1.1
Hillingdon	0.9	0.8	1	0.9	1	1
Hounslow	1.1	1	1.1	0.9	1	1
Islington	1	1	1.1	1.1	1.2	1.2
Kensington & Chelsea	1.2	1.2	1.2	1.2	1.1	1.2
Kingston upon Thames	1.2	1	1	1	1	1
Lambeth	1.1	1.1	1.1	1	1.2	1.2
Lewisham	1	1.1	1	1.1	1.2	1.3
Merton	1.2	1	1	1	1.1	1.1
Newham	1.1	1.1	1	1	1.1	1.3
Redbridge	1	1	1	1	1.2	1.3
Richmond upon Thames	1.1	1.1	1	0.9	1	1
Southwark	1.1	1.1	1	1.1	1.2	1.3
Sutton	1.2	0.9	0.9	1	1.1	1.1
Tower Hamlets	1.1	1.1	1.2	1.1	1.2	1.4
Waltham Forest	1.1	1.2	1.2	1.1	1.2	1.2
Wandsworth	1.2	1.1	1.1	1.1	1.1	1.2
Westminster	1.1	1.1	1.1	1.1	1.2	1.23
<b>Greater London</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>

Borough Local Implementation Plan (LIP) performance indicators

Table 3 Road casualties, number of people killed or seriously injured in road traffic collisions by borough, 2011 to 2015.

London borough	2005-2009 average	Year					% change from	
		2011	2012	2013	2014	2015	2014 to 2015	2005-2009 average to 2015
Barking & Dagenham	57	49	47	45	40	30	-45%	-47%
Barnet	145	141	112	131	98	92	-33%	-37%
Bexley	90	49	55	31	24	30	-57%	-67%
Brent	105	72	86	84	85	81	-13%	-23%
Bromley	141	81	90	70	50	77	28%	-45%
Camden	125	100	114	105	70	76	-14%	-39%
City of London	50	49	58	60	55	43	8%	-14%
Croydon	141	109	107	71	71	65	3%	-54%
Ealing	130	66	88	81	81	63	-9%	-52%
Enfield	108	98	86	72	52	70	-29%	-35%
Greenwich	117	94	73	28	40	54	-33%	-54%
Hackney	127	108	147	83	60	82	19%	-35%
Hammersmith & Fulham	109	77	80	53	69	62	-10%	-43%
Haringey	93	78	107	106	85	62	2%	-33%
Harrow	58	37	46	38	51	46	-4%	-21%
Havering	98	74	78	51	46	67	46%	-32%
Hillingdon	108	74	83	59	84	66	65%	-39%
Hounslow	114	73	73	64	62	67	5%	-41%
Islington	87	100	122	71	93	89	271%	2%
Kensington & Chelsea	111	82	94	64	69	52	4%	-53%
Kingston upon Thames	61	44	34	37	39	29	-59%	-52%
Lambeth	176	169	151	133	98	99	241%	-44%
Lewisham	125	102	102	64	63	53	6%	-58%
Merton	65	46	65	32	50	36	-8%	-45%
Newham	88	74	77	57	64	72	33%	-18%
Redbridge	88	76	93	51	48	55	-11%	-38%
Richmond upon Thames	74	69	52	48	54	38	-55%	-49%
Southwark	140	126	117	87	69	89	10%	-36%
Sutton	70	45	42	31	29	22	-74%	-69%
Tower Hamlets	127	103	168	87	88	68	33%	-46%
Waltham Forest	90	68	69	54	61	48	-51%	-47%
Wandsworth	131	112	109	99	81	74	-13%	-44%
Westminster	275	160	193	177	138	135	160%	-51%
<b>Greater London</b>	<b>3,627</b>	<b>2,805</b>	<b>3,018</b>	<b>2,324</b>	<b>2,167</b>	<b>2,092</b>	<b>-3%</b>	<b>-42%</b>

Borough Local Implementation Plan (LIP) performance indicators

Table 4 Road casualties, number of people slightly injured in road traffic collisions by borough, 2011 to 2015.

London borough	2005-2009 average	Year					% change from	
		2011	2012	2013	2014	2015	2014 to 2015	2005-2009 average to 2015
Barking & Dagenham	546	558	529	475	609	592	-3%	8%
Barnet	1199	1241	1150	1097	1178	1228	4%	2%
Bexley	554	521	476	439	532	524	-2%	-5%
Brent	813	824	872	873	982	1008	3%	24%
Bromley	788	789	731	718	818	866	6%	10%
Camden	777	832	726	760	967	1010	4%	30%
City of London	319	360	365	285	335	339	1%	6%
Croydon	1067	1122	1033	1021	1043	982	-6%	-8%
Ealing	1025	918	1076	1069	1209	1133	-6%	11%
Enfield	925	1011	952	940	951	981	3%	6%
Greenwich	802	834	698	661	730	734	1%	-8%
Hackney	821	764	842	807	960	892	-7%	9%
Hammersmith & Fulham	636	695	645	625	694	628	-10%	-1%
Haringey	737	837	783	812	1015	1030	1%	40%
Harrow	476	385	451	404	542	502	-7%	5%
Havering	805	735	685	622	727	794	9%	-1%
Hillingdon	920	872	972	641	860	903	5%	-2%
Hounslow	844	922	825	839	1001	939	-6%	11%
Islington	655	885	750	789	875	885	1%	35%
Kensington & Chelsea	707	720	638	661	721	656	-9%	-7%
Kingston upon Thames	369	399	388	433	435	353	-19%	-4%
Lambeth	1058	1138	1085	1214	1294	1301	1%	23%
Lewisham	842	962	896	876	976	960	-2%	14%
Merton	456	467	471	481	567	565	0%	24%
Newham	926	834	847	773	901	1060	18%	14%
Redbridge	778	870	801	747	951	904	-5%	16%
Richmond upon Thames	412	449	421	482	555	409	-26%	-1%
Southwark	996	1008	936	905	1045	929	-11%	-7%
Sutton	506	489	449	454	391	350	-10%	-31%
Tower Hamlets	849	842	1027	933	1133	1179	4%	39%
Waltham Forest	775	745	661	580	891	757	-15%	-2%
Wandsworth	793	946	1013	904	1043	1024	-2%	29%
Westminster	1420	1478	1568	1555	1687	1673	-1%	18%
<b>Greater London</b>	<b>25,600</b>	<b>26,452</b>	<b>25,762</b>	<b>24,875</b>	<b>28,618</b>	<b>28,090</b>	<b>-2%</b>	<b>10%</b>

Table 5 Locally generated CO<sub>2</sub> 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
<b>Greater London</b>	<b>6,652</b>	<b>969</b>	<b>107</b>	<b>7,728</b>	<b>8,587</b>	<b>0.9</b>

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, 2013/14, 2014/15 and 2015/16.

London borough	2013/14	2014/15	2015/16
Barking & Dagenham	17.5	7.3	9.4
Barnet	22.6	19.9	24.9
Bexley	14.8	2.5	3.9
Brent	39.9	16.0	21.6
Bromley	26.3	6.2	7.2
Camden	17.2	23.2	5.7
City of London	41.0	7.4	4.7
Croydon	33.0	33.4	36.3
Ealing	60.1	20.2	20.4
Enfield	14.8	16.5	16.3
Greenwich	27.6	15.7	14.5
Hackney	47.2	22.7	15.9
Hammersmith & Fulham	18.0	10.6	9.5
Haringey	8.7	10.2	10.9
Harrow	37.7	34.4	30.7
Havering	9.4	6.6	10.4
Hillingdon	22.5	14.8	18.6
Hounslow	22.9	11.5	12.6
Islington	38.7	15.3	11.9
Kensington & Chelsea	24.3	9.1	6.1
Kingston upon Thames	32.5	19.0	17.8
Lambeth	31.5	30.6	31.0
Lewisham	37.8	22.4	25.7
Merton	37.1	15.4	15.9
Newham	20.2	5.7	12.1
Redbridge	9.8	6.2	7.5
Richmond upon Thames	37.4	14.8	16.6
Southwark	41.7	26.0	25.4
Sutton	22.1	14.7	16.2
Tower Hamlets	28.3	12.8	10.8
Waltham Forest	19.2	25.5	15.7
Wandsworth	39.3	16.6	13.8
Westminster	24.5	23.3	6.3
<b>Greater London</b>	<b>26.0</b>	<b>16.0</b>	<b>15.3</b>

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