

**BUS FLEET AUDIT**  
**13 January 2017**

This is a quarterly audit of the London Bus contracted fleet using data collated on 13 January 2017. This is the 19th such audit and this report presents the results and makes comparisons with the previous audits.

**1. Summary**

The fleet size of 9,588 buses represents an increase of 126 buses in comparison to the last fleet audit on 30 September 2016 total of 9,462. The number of vehicles in the fleet will change from time to time, as new vehicles are delivered and the vehicles they are replacing are being decommissioned. The fleet size has increased in the last year, with additional vehicles being deployed to maintain reliability and capacity.

This total includes: 873 new Routemasters, 71 Electric buses, 8 Fuel Cell buses and 2307 Hybrid buses (including NRMs). Apart from 10 vintage Routemasters running on one heritage route in central London, the Capital's entire bus fleet is low-floor and wheelchair accessible. The number of hybrid buses has increased to 2307 since 30 September 2016.

**2. London Bus fleet by Age and Type at 13 January 2017**

Age	DD	SD	RM	NRM	Diesel	Electric	Fuel Cell	Hybrid	Total
57	1	-	1	-	-	-	-	-	1
56	1	-	1	-	-	-	-	-	1
55	1	-	1	-	-	-	-	-	1
53	3	-	3	-	-	-	-	-	3
52	4	-	4	-	-	-	-	-	4
16	-	1	-	-	1	-	-	-	1
15	9	15	-	-	24	-	-	-	24
14	158	121	-	-	279	-	-	-	279
13	428	99	-	-	522	-	-	5	527
12	306	16	-	-	316	-	-	6	322
11	258	72	-	-	328	-	-	2	330
10	241	106	-	-	333	-	-	14	347
9	151	132	-	-	283	-	-	-	283
8	262	243	-	-	492	-	-	13	505
7	759	320	-	-	1068	-	-	11	1079
6	532	267	-	-	745	-	5	49	799
5	802	395	-	-	1060	-	-	137	1197
4	546	283	-	7	741	-	-	81	829
3	536	116	-	115	320	-	3	214	652
2	549	118	-	255	156	6	-	250	667
1	597	183	-	308	230	9	-	233	780
0	726	231	-	188	294	56	-	419	957
<b>TOTAL</b>	<b>6870</b>	<b>2718</b>	<b>10</b>	<b>873</b>	<b>7192</b>	<b>71</b>	<b>8</b>	<b>1434</b>	<b>9588</b>
									<b>9588</b>

### 3. London Bus fleet by Type 2011 -2017

Bus Type	Drive train type	2011	2012	2013	2014	2015	25/01/16	31/03/16	30/06/16	30/09/16	13/01/17
New Routemaster	Hybrid	-	5	8	168	432	636	736	801	833	873
Routemaster	Diesel	18	19	20	19	19	10	10	10	10	10
Artic	Diesel	260	-	-	-	-	-	-	-	-	-
Single deck	Diesel	2670	2661	2608	2606	2662	2613	2617	2611	2622	2601
	Fuel Cell	5	5	5	8	8	8	8	8	8	8
	Hybrid	27	33	28	23	23	57	18	6	22	43
	Electric	-	-	-	2	8	17	17	17	34	66
Double deck	Diesel	5487	5787	5696	5296	5026	4884	4794	4777	4668	4591
	Hybrid	79	233	352	643	799	958	981	1132	1260	1391
	Electric	-	-	-	-	-	-	5	5	5	5
<b>TOTAL</b>		8546	8743	8717	8765	8977	9183	9186	9367	9462	9588

### 4. London Bus fleet by Euro standards 2006 – 2017

TYPE	2006	2007	2008	2009	2010	2011	2012	2013	2015	25/01/16	31/03/16	30/06/16	30/09/16	13/01/17
Euro VI	-	-	-	-	-	-	-	2	449	953	1194	1450	1550	1908
EEV	-	-	25	25	308	490	463	858	616	623	631	630	614	595
Euro V	-	-	-	-	441	928	2263	2660	3687	3649	3633	3694	3723	3740
Euro IV	4	217	565	1180	1671	1754	1989	1771	1625	1615	1628	1521	1594	1554
Euro III	4664	4970	4885	4721	4152	3953	3246	3116	2534	2306	2060	2032	1924	1702
Euro II	3268	2994	2851	2596	2052	1425	777	305	50	12	10	10	10	10
Pre & Euro I	28	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Fleet Total</b>	<b>7964</b>	<b>8181</b>	<b>8326</b>	<b>8522</b>	<b>8624</b>	<b>8550</b>	<b>8738</b>	<b>8712</b>	<b>8977</b>	<b>9183</b>	<b>9186</b>	<b>9367</b>	<b>9462</b>	<b>9588</b>
Fuel Cell	3	-	-	-	-	5	5	5	8	8	8	8	8	8
Electric	-	-	-	-	-	-	-	-	8	17	22	22	39	71
Hybrid	1	7	13	30	56	106	266	388	822	1015	999	1138	1282	1434
NRM	-	-	-	-	-	-	1	8	432	636	736	801	833	873

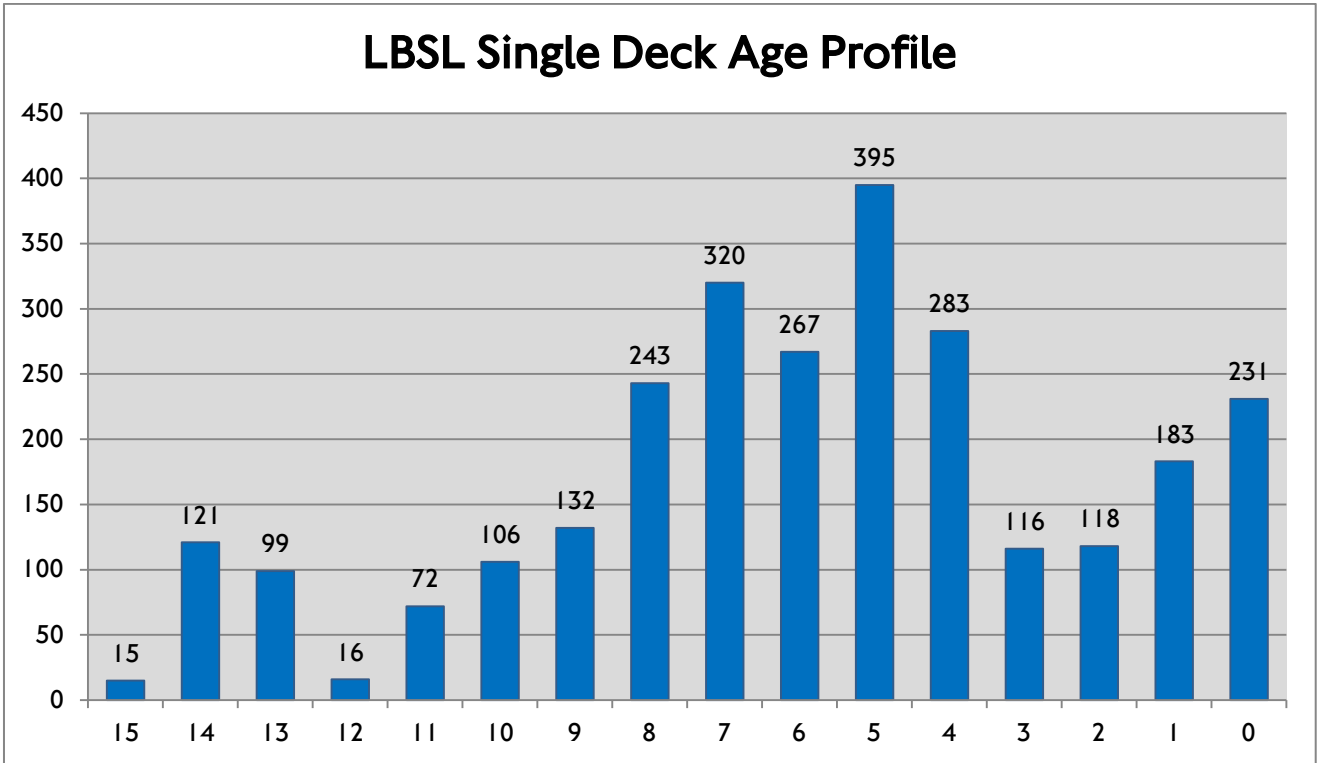
All Euro III buses have been adapted to reduce emission to the equivalent of Euro IV standard or better.

## 5. London Bus fleet by Operator, Body Type and Euro emission standards at 13 January 2017

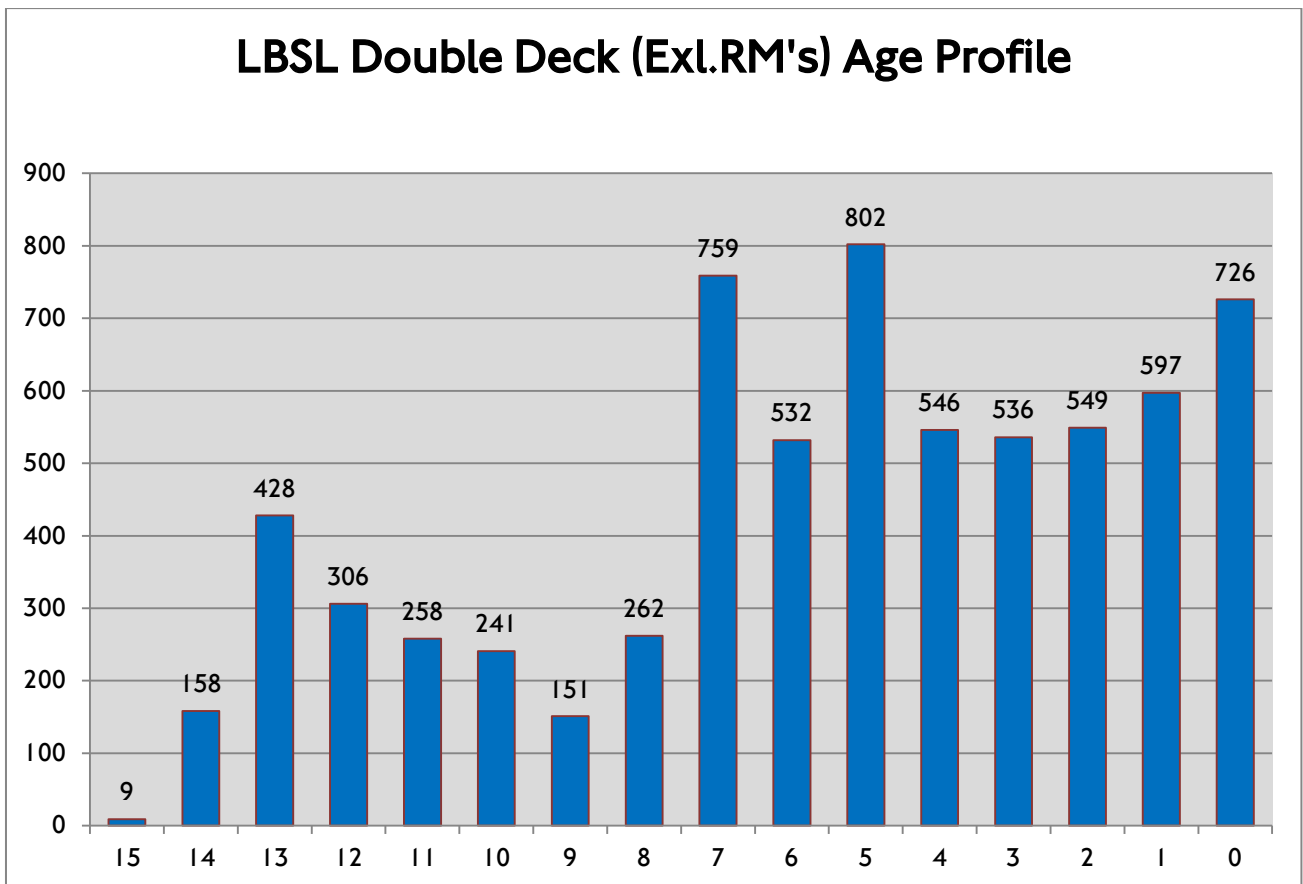
Vehicle Type														
Fuel	Body Type	EU Standard	13/01/2017	Abellio	Arriva Group	CT Plus	Go Ahead Group	RATP	Metroline	Stagecoach	Sullivan Buses	Tower Transit	University Bus	
Diesel	Single deck	Euro III + SCR	359	59	32	9	133	73	25	28	-	-	-	
		Euro IV	647	6	112	8	122	109	225	61	-	3	1	
		Euro V	1089	131	87	36	295	191	147	114	6	82	-	
		EEV	67	-	-	-	31	23	-	13	-	-	-	
			Euro VI	439	112	41	17	137	43	54	-	-	31	4
	Double deck	Euro III + SCR	1316	79	281	12	321	102	213	232	16	60	-	
		Euro IV	888	44	96	1	293	99	215	133	3	4	-	
		Euro V	1710	94	529	5	424	87	144	296	-	131	-	
		EEV	478	-	-	-	-	102	285	5	-	86	-	
				Euro VI	199	66	83	-	2	5	-	40	-	3
Hybrid	Single deck	Euro III	27	-	15	-	12	-	-	-	-	-	-	
		Euro IV	7	-	-	-	1	6	-	-	-	-	-	
		Euro V	6	-	-	-	6	-	-	-	-	-	-	
		Euro VI	3	-	-	-	3	-	-	-	-	-	-	
	Double deck	Euro IV	12	-	-	-	5	2	5	-	-	-	-	
		Euro V	665	43	147	1	74	33	134	233	-	-	-	
		EEV	50	-	-	-	-	49	1	-	-	-	-	
		Euro VI	664	43	25	22	302	63	148	25	-	36	-	
NRM	Double deck	Euro V	270	-	103	-	30	82	55	-	-	-	-	
		Euro VI	603	85	162	-	162	-	93	101	-	-	-	
RM	Double deck	Euro II	10	-	-	-	-	-	-	10	-	-	-	
Fuel cell	Single deck	Zero Emission	8	-	-	-	-	-	-	-	-	8	-	
Electric	Single deck	Zero Emission	66	-	9	-	53	4	-	-	-	-	-	
	Double deck	Zero Emission	5	-	-	-	-	-	5	-	-	-	-	
		<b>Total</b>	<b>9588</b>	<b>762</b>	<b>1722</b>	<b>111</b>	<b>2406</b>	<b>1073</b>	<b>1749</b>	<b>1291</b>	<b>25</b>	<b>444</b>	<b>5</b>	

6. Further information is provided by the attached supporting graphs:

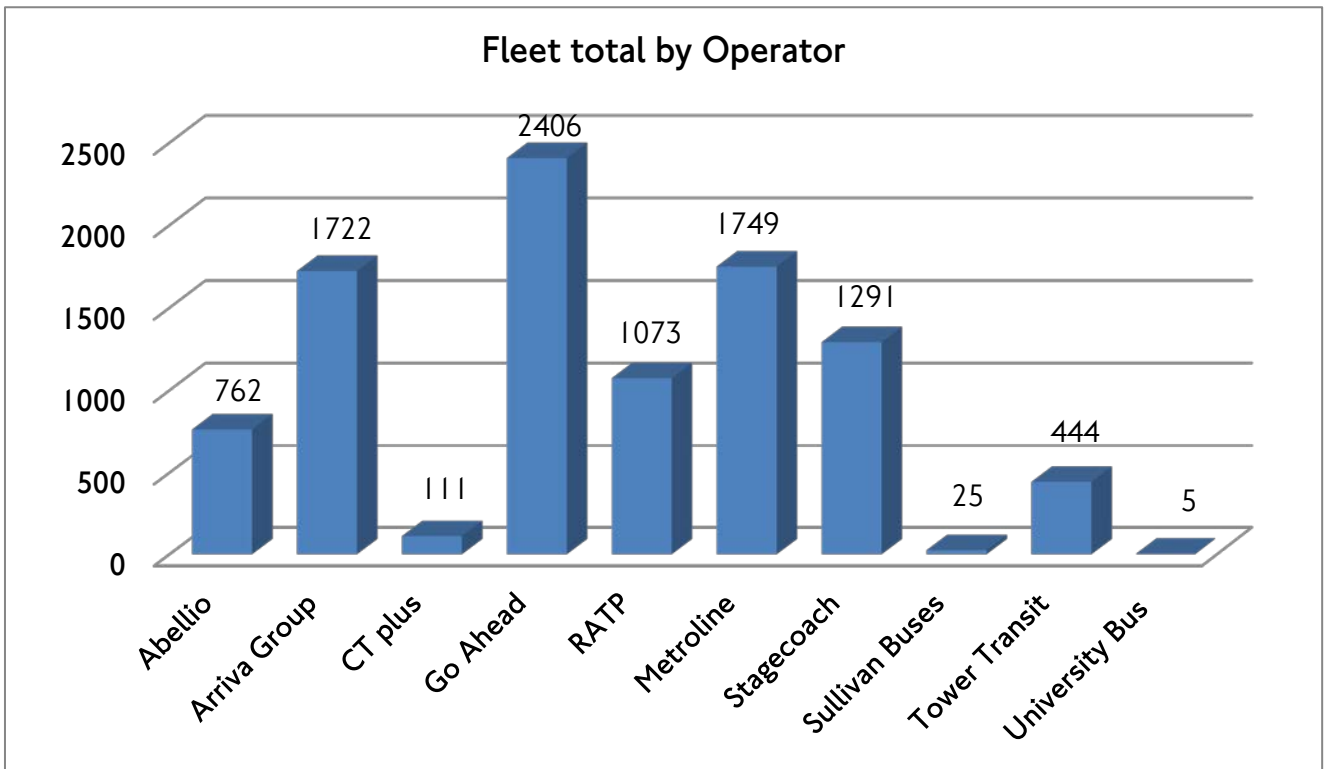
I) London Single Deck Buses Age Profile at 13 January 2017



II) London Double Deck buses (Excl. Routemaster) Age Profile at 13 January 2017



III) London Bus Fleet by Operator at 13 January 2017



IV) London Bus Fleet by Average Age at 13 January 2017

