

LONDON BUS FLEET AUDIT
30 June 2016

This is a quarterly audit of the London Bus contracted fleet using data collated on 30 June 2016. This is the 17th such audit and this report presents the results and makes comparisons with the previous audits.

1. Summary

The fleet size of 9,367 buses represents an increase of 181 buses in comparison to the last fleet audit on 31 March 2016 total of 9,186. 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.

The current fleet total includes: 801 new Routemasters, 22 Electric buses, 8 Fuel Cell buses and 1,939 Hybrid buses (including new Routemasters). 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 1,939 since 31 March 2016.

2. London Bus fleet by Age and Type at 30 June 2016

Overall Fleet										
Year	Age	DD	SD	RM	NRM	Diesel	Electric	Fuel Cell	Hybrid	Total
1960	56	1	-	1	-	-	-	-	-	1
1961	55	1	-	1	-	-	-	-	-	1
1962	54	1	-	1	-	-	-	-	-	1
1963	53	-	-	-	-	-	-	-	-	0
1964	52	7	-	7	-	-	-	-	-	7
1996	20	-	-	-	-	-	-	-	-	0
1997	19	-	-	-	-	-	-	-	-	0
1998	18	-	-	-	-	-	-	-	-	0
1999	17	-	-	-	-	-	-	-	-	0
2000	16	-	-	-	-	-	-	-	-	0
2001	15	14	7	-	-	21	-	-	-	21
2002	14	242	124	-	-	366	-	-	-	366
2003	13	486	126	-	-	612	-	-	-	612
2004	12	383	28	-	-	411	-	-	-	411
2005	11	292	75	-	-	367	-	-	-	367
2006	10	247	141	-	-	388	-	-	-	388
2007	9	156	144	-	-	300	-	-	-	300
2008	8	241	205	-	-	441	-	-	5	446
2009	7	691	385	-	-	1058	-	-	18	1076
2010	6	561	235	-	-	754	-	3	39	796
2011	5	741	374	-	-	1017	-	2	96	1115
2012	4	687	310	-	7	849	-	-	141	997
2013	3	482	127	-	112	329	2	3	163	609
2014	2	514	107	-	237	115	6	-	263	621
2015	1	613	170	-	307	185	9	-	282	783
2016	0	365	84	-	138	175	5	-	131	449
Total		6725	2642	10	801	7388	22	8	1138	9367
										9367

3. London Bus fleet by Type 2011 -2016

Bus Type	Drive train type	2011	2012	2013	2014	2015	25/01/2016	31/03/2016	30/06/2016
New Routemaster	Hybrid	0	5	8	168	432	636	736	801
Routemaster	Diesel	18	19	20	19	19	10	10	10
Artic	Diesel	260	0	0	0	0	0	0	0
Single deck	Diesel	2,670	2,661	2,608	2,606	2,662	2,613	2,617	2,611
	Fuel Cell	5	5	5	8	8	8	8	8
	Hybrid	27	33	28	23	23	57	18	6
	Electric	0	0	0	2	8	17	17	17
Double deck	Diesel	5,487	5,787	5,696	5,296	5,026	4,884	4,794	4,777
	Hybrid	79	233	352	643	799	958	981	1,132
	Electric	0	0	0	0	0	0	5	5
TOTAL		8,546	8,743	8,717	8,765	8,977	9,183	9,186	9,367

4. London Bus fleet by Euro standards 2006 – 2016

TYPE	2006	2007	2008	2009	2010	2011	2012	2013	2015	25/01/2016	31/03/2016	30/06/2016
Euro VI	-	-	-	-	-	-	-	2	449	953	1194	1450
EEV	-	-	25	25	308	490	463	858	616	623	631	630
Euro V	-	-	-	-	441	928	2263	2660	3687	3649	3633	3694
Euro IV	4	217	565	1180	1671	1754	1989	1771	1625	1615	1628	1521
Euro III	4664	4970	4885	4721	4152	3953	3246	3116	2534	2306	2060	2032
Euro II	3268	2994	2851	2596	2052	1425	777	305	50	12	10	10
Pre & Euro I	28	-	-	-	-	-	-	-	-	-	-	-
Fleet Total	7964	8181	8326	8522	8624	8550	8738	8712	8977	9183	9186	9367
Fuel Cell	3	-	-	-	-	5	5	5	8	8	8	8
Electric	-	-	-	-	-	-	-	-	8	17	22	22
Hybrid	1	7	13	30	56	106	266	388	822	1015	999	1138
NRM	-	-	-	-	-	-	1	8	432	636	736	801

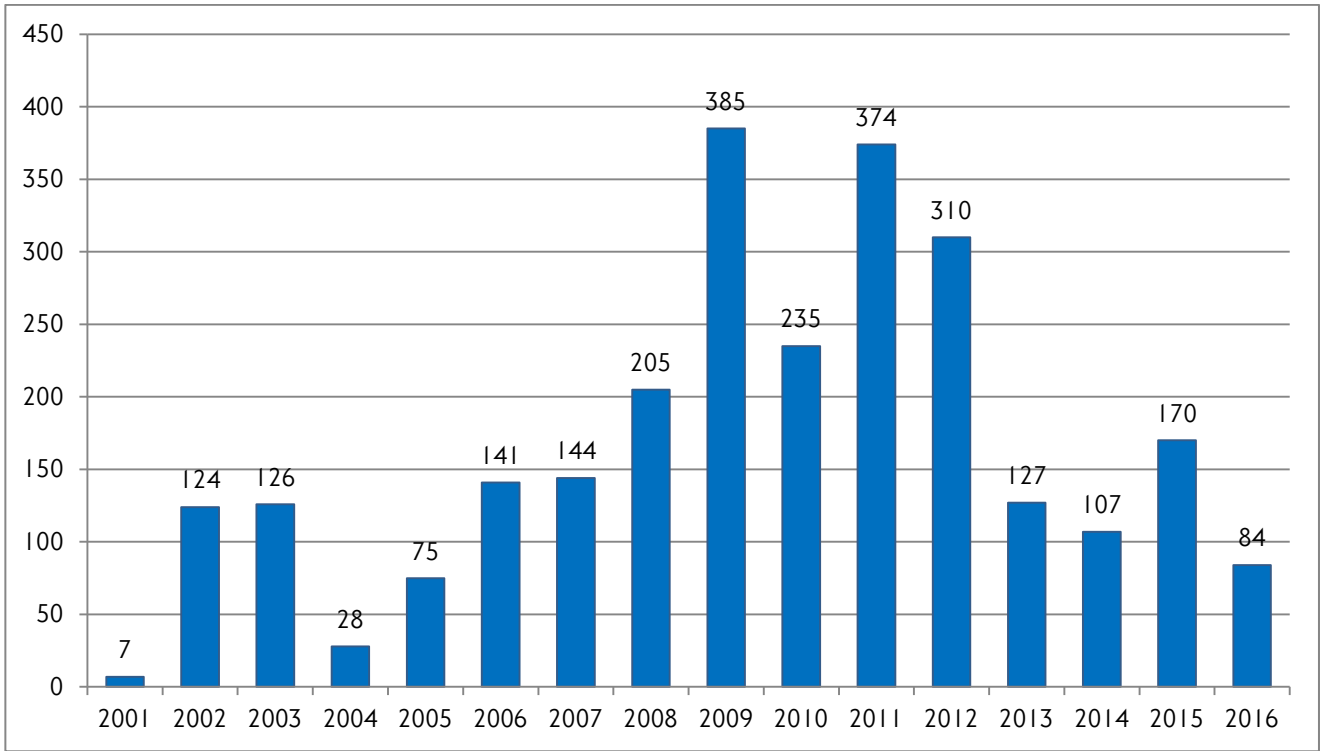
All Euro III buses have been adapted to reduce emission to the equivalent of Euro IV standard or better.

5. London Bus fleet by Operator, Body Type and Euro emission standards at 30 June 2016

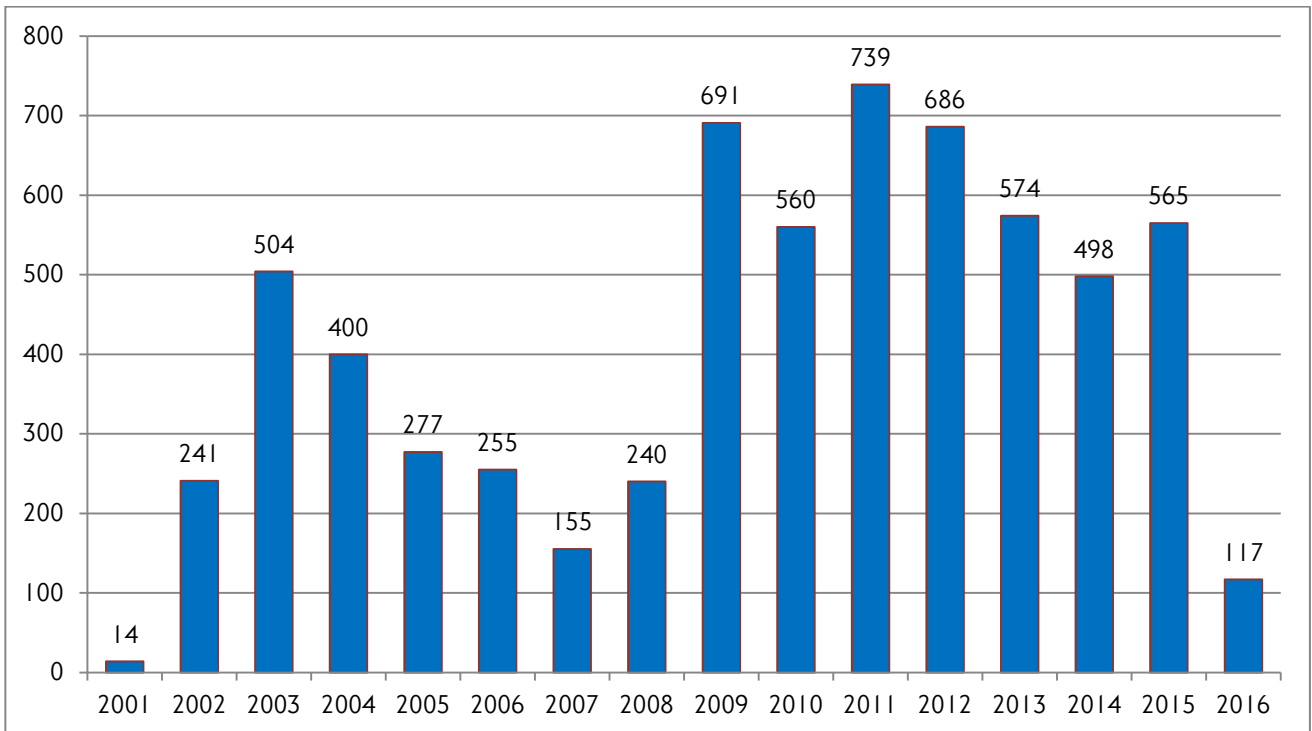
Vehicle Type													
Fuel	Body Type	EU Standard	30/06/2016	Abellio	Arriva Group	CT Plus	Go Ahead Group	RATP	Metroline	Stagecoach	Sullivan Buses	Tower Transit	University Bus
Diesel	Single deck	Euro III + SCR	464	72	83	10	172	74	25	28	-	-	-
		Euro IV	625	10	117	8	128	107	191	60	-	3	1
		Euro V	1094	124	74	36	303	181	183	106	6	81	-
		EEV	91	-	-	-	50	23	-	18	-	-	-
		Euro VI	337	99	12	-	127	35	20	8	-	32	4
	Double deck	Euro III + SCR	1568	105	285	12	419	147	265	257	8	70	-
		Euro IV	878	44	105	1	267	99	216	134	8	4	-
		Euro V	1786	113	577	17	448	86	143	279	4	119	-
		EEV	455	-	-	-	-	103	283	5	-	64	-
		Euro VI	90	-	-	22	4	5	-	56	-	3	-
Hybrid	Single deck	Euro IV	6	-	-	-	-	6	-	-	-	-	-
	Double deck	Euro IV	12	-	-	-	5	2	5	-	-	-	-
		Euro V	579	34	152	1	74	23	133	162	-	-	-
		EEV	84	9	-	-	-	49	4	-	-	22	-
		Euro VI	457	90	20	-	129	57	73	52	-	36	-
NRM	Double deck	Euro V	235	-	69	-	30	80	56	-	-	-	-
		Euro VI	566	85	165	-	132	2	81	101	-	-	-
RM	Double deck	Euro II	10	-	-	-	-	-	-	10	-	-	-
Fuel cell	Single deck	Zero Emission	8	-	-	-	-	-	-	-	-	8	-
Electric	Single deck	Zero Emission	17	-	9	-	4	4	-	-	-	-	-
	Double deck	Zero Emission	5	-	-	-	-	-	5	-	-	-	-
Total			9367	785	1668	107	2292	1083	1683	1276	26	442	5

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

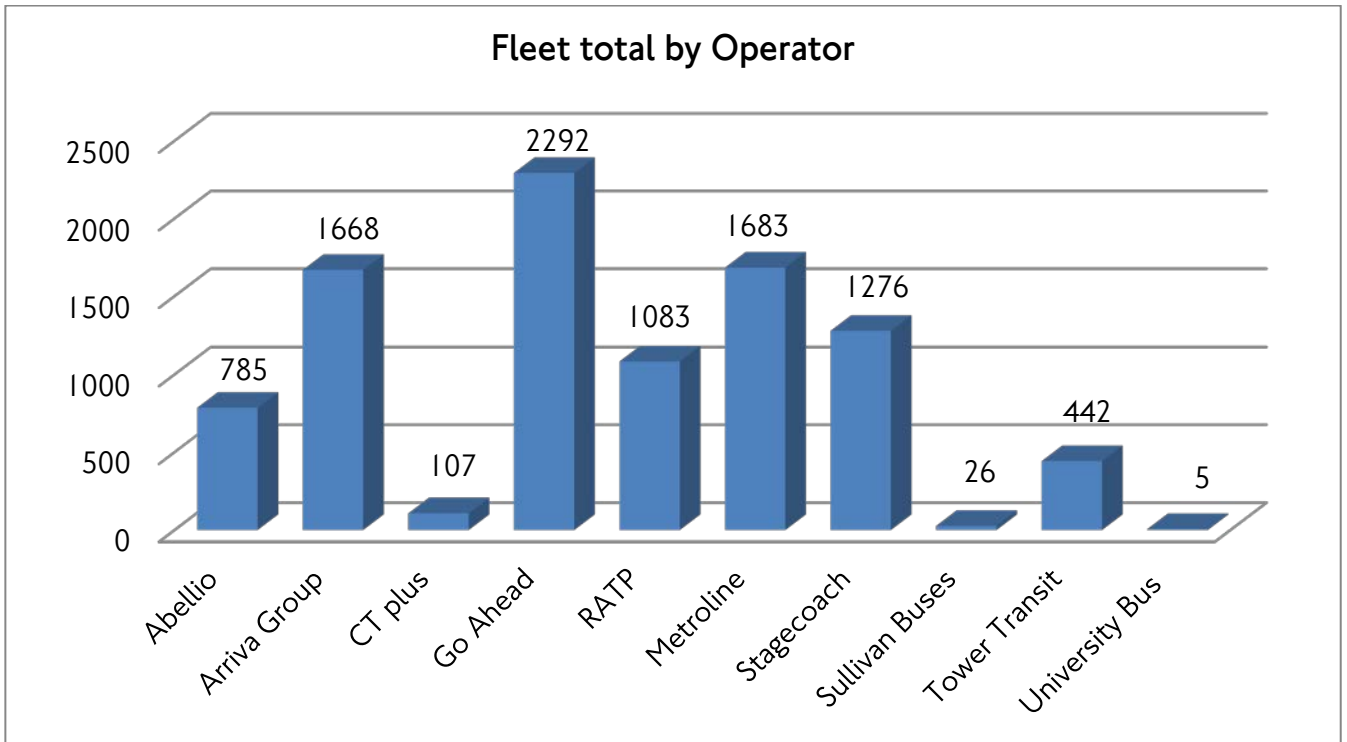
i) London Single Deck Buses Age Profile at 30 June 2016



ii) London Double Deck buses (Excl. Routemaster) Age Profile at 30 June 2016



III) London Bus Fleet by Operator at 30 June 2016



IV) London Bus Fleet by Average Age at 30 June 2016

