

BUS FLEET AUDIT

31 March 2018

This is an audit of the London Buses contracted fleet using data collated on 31 March 2018. This is the 23rd audit and the report represents the results and makes comparisons with previous audits.

1. SUMMARY

The fleet size of 9,396 buses represents a decrease of 153 buses in comparison to the last fleet audit total on 30 September 2017 of 9,549 buses. 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 also varies in response to service changes.

The fleet total of 9,396 buses includes; 1,000 New Routemasters, 96 Electric buses, 10 Fuel Cell buses and 3,240 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.

2. LONDON BUS FLEET BY AGE AND TYPE AS AT 31 MARCH 2018

The current data as at 31 March 2018 shows the fleet size and the quantity registered in each year by type.

Overall Fleet									
Year	DD	SD	RM	NRM	Diesel	Electric	Fuel Cell	Hybrid	Total
1960	1	-	1	-	-	-	-	-	1
1961	1	-	1	-	-	-	-	-	1
1962	1	-	1	-	-	-	-	-	1
1964	7	-	7	-	-	-	-	-	7
2001	4	-	-	-	4	-	-	-	4
2002	21	56	-	-	77	-	-	-	77
2003	71	35	-	-	102	-	-	4	106
2004	132	2	-	-	134	-	-	-	134
2005	140	51	-	-	189	-	-	2	191
2006	171	56	-	-	221	-	-	6	227
2007	158	114	-	-	272	-	-	-	272
2008	235	192	-	-	420	-	-	7	427
2009	662	311	-	-	961	-	-	12	973
2010	494	231	-	-	684	-	5	36	725
2011	686	376	-	-	962	-	-	100	1062
2012	646	232	-	7	740	-	-	131	878
2013	472	126	-	106	329	-	3	160	598
2014	513	116	-	236	126	6	-	261	629
2015	619	171	-	314	183	9	-	284	790
2016	824	260	-	227	279	56	-	522	1084
2017	695	336	-	110	328	18	2	573	1031
2018	142	36	-	-	29	7	-	142	178
TOTAL	6695	2701	10	1000	6040	96	10	2240	9396

3. LONDON BUS FLEET BY TYPE – 31 MARCH 2015 TO 31 MARCH 2018

Bus Type	Drive train type	31/03/15	31/03/16	30/06/16	30/09/16	13/01/17	31/03/17	30/06/17	30/09/17	31/03/18
New Routemaster	Hybrid	432	736	801	833	873	953	978	983	1000
Routemaster	Diesel	19	10	10	10	10	10	10	10	10
Artic	Diesel	-	-	-	-	-	-	-	-	-
Single deck	Diesel	2662	2617	2611	2622	2601	2612	2616	2608	2587
	Fuel Cell	8	8	8	8	8	8	8	10	10
	Hybrid	23	18	6	22	43	18	18	27	13
	Electric	8	17	17	34	66	66	66	68	91
Double deck	Diesel	5026	4794	4777	4668	4591	4380	4156	3926	3453
	Hybrid	799	981	1132	1260	1391	1564	1733	1912	2227
	Electric	-	5	5	5	5	5	5	5	5
TOTAL		8977	9186	9367	9462	9588	9616	9590	9549	9396

4. LONDON BUS FLEET BY EURO STANDARDS – 31 MARCH 2015 TO 31 MARCH 2018

TYPE	31/03/15	31/03/16	30/06/16	30/09/16	13/01/17	31/03/17	30/06/17	30/09/17	31/03/18
Euro VI	449	1194	1450	1550	1908	2300	2742	2951	3383
EEV upgraded to Euro VI	-	-	-	-	-	-	-	-	135
EEV	616	631	630	614	595	564	564	508	309
Euro V upgraded to Euro VI	-	-	-	-	-	-	-	149	752
Euro V	3687	3633	3694	3723	3740	3585	3336	3180	2611
Euro IV upgraded to Euro VI	-	-	-	-	-	-	-	92	176
Euro IV	1625	1628	1521	1594	1554	1627	1588	1472	1256
Euro III upgraded to Euro IV	2534	2060	2032	1924	1702	1451	1271	1104	658
Euro II	50	10	10	10	10	10	10	10	10
Fuel Cell	8	8	8	8	8	8	8	10	10
Electric	8	22	22	39	71	71	71	73	96
Fleet Total	8977	9186	9367	9462	9588	9616	9590	9549	9396
Hybrid (Incl NRM)	1254	1735	1939	2115	2307	2535	2641	2922	3240
Hybrid NRM	432	736	801	833	873	953	978	983	1000

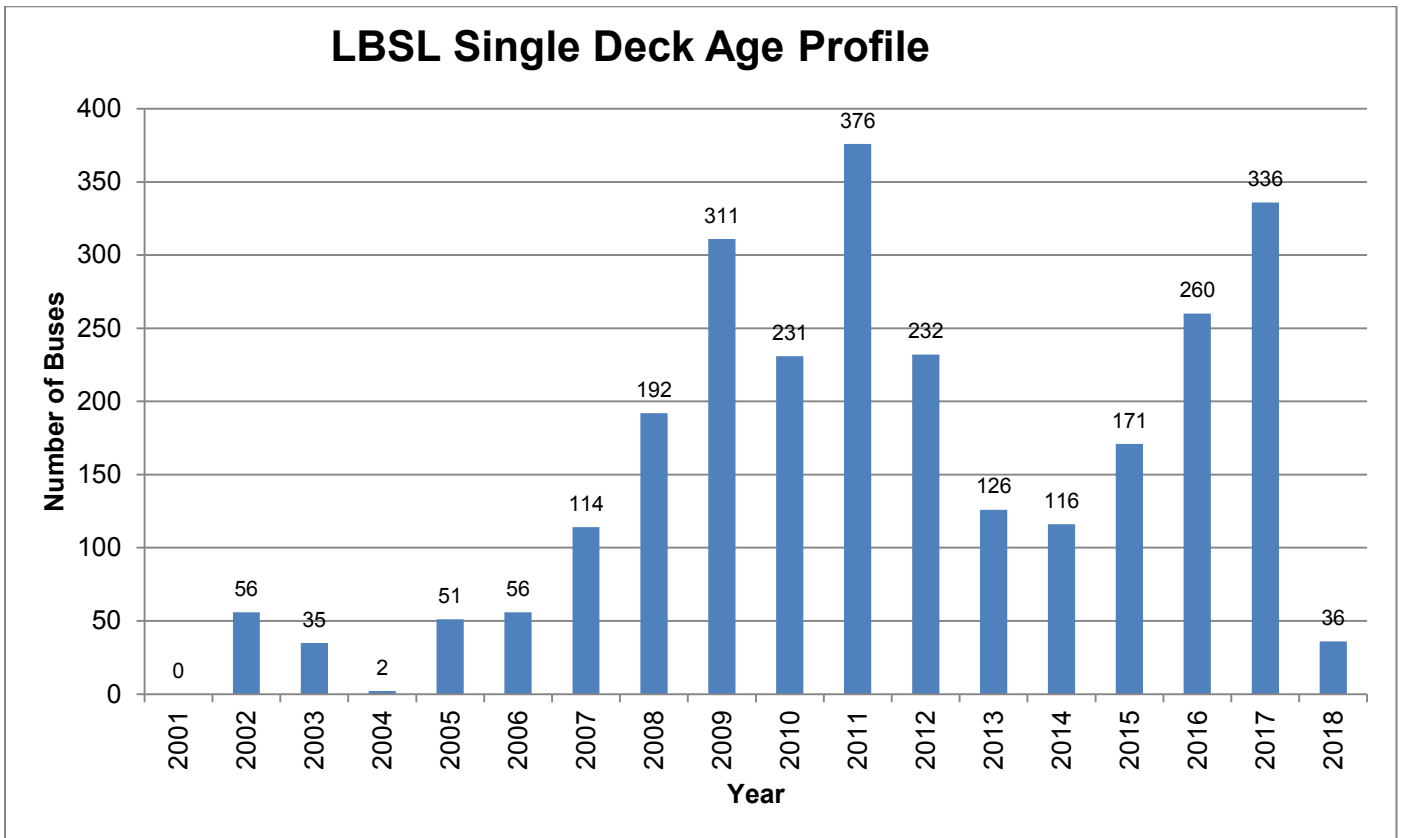
As at 31 March 2018, a total of 4,446 buses in the fleet are to the equivalent of Euro VI standards or better, with a further 106 buses Zero Emission at Tailpipe. This represents a total of 48.44% of the fleet.

5. LONDON BUS FLEET BY OPERATOR, BODY TYPE AND EURO EMISSION STANDARDS AS AT 31 MARCH 2018

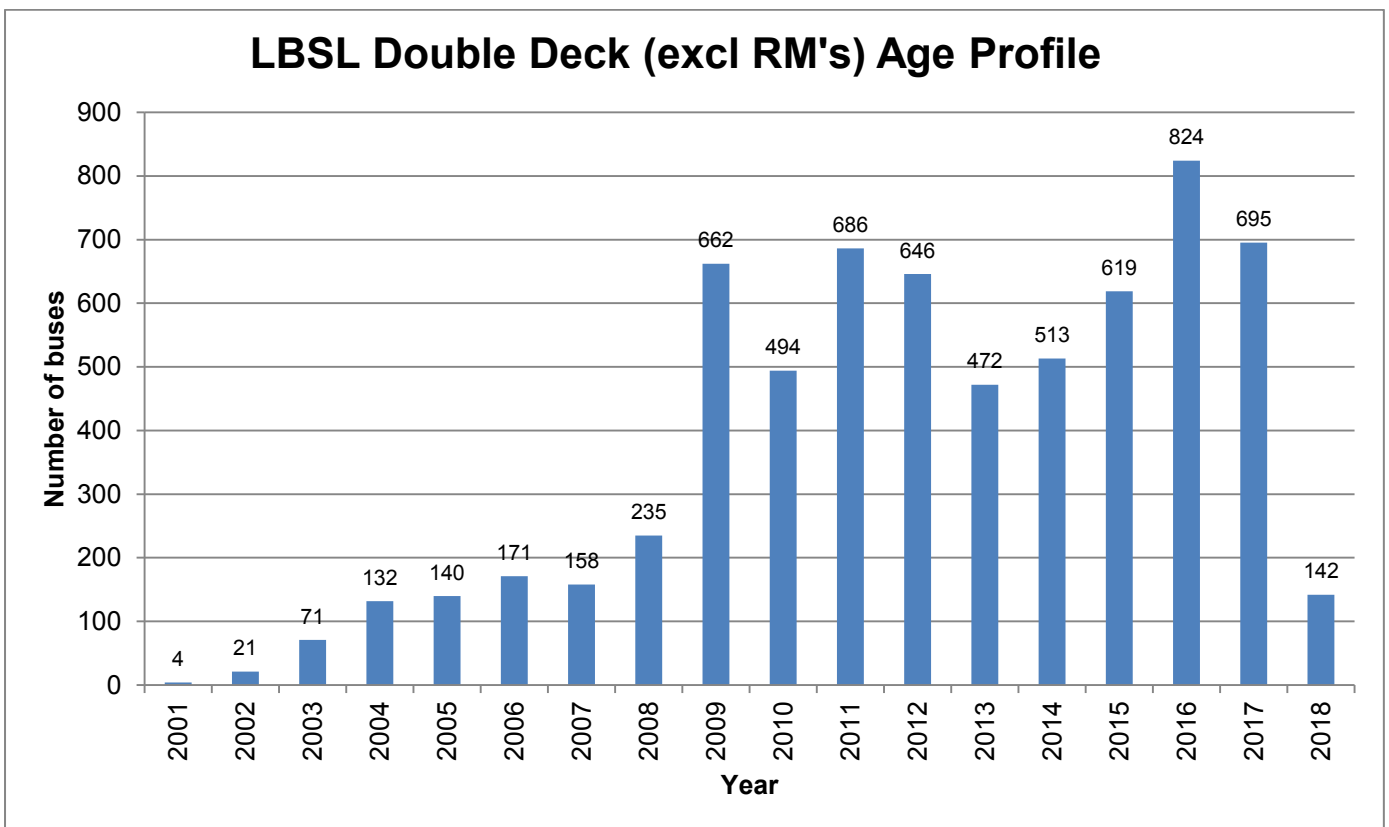
Fuel	Body Type	EU Standard	31/03/18	Abellio	Arriva Group	CT Plus	Go Ahead Group	Metroline	RATP	Stagecoach	Sullivan Buses	Tower Transit	University Bus	
Diesel	Single deck	Euro III upgraded to Euro IV	190	19	23	-	57	18	60	13	-	-	-	
		Euro IV	535	11	70	2	103	184	103	61	-	-	1	
		Euro IV upgraded to Euro VI	3	-	-	-	-	-	-	-	-	-	3	-
		Euro V	891	71	89	25	253	161	172	114	6	-	-	
		Euro V upgraded to Euro VI	110	22	12	-	38	1	-	-	-	-	36	-
		EEV	42	-	-	-	19	-	23	-	-	-	-	-
		Euro VI	816	172	71	63	182	54	94	108	17	51	4	
	Double deck	Euro III upgraded to Euro IV	468	12	48	-	106	96	39	129	8	30	-	
		Euro IV	709	27	69	-	156	215	98	133	7	4	-	
		Euro IV upgraded to Euro VI	173	-	62	-	111	-	-	-	-	-	-	
		Euro V	1150	91	361	-	289	102	81	156	14	56	-	
		Euro V upgraded to Euro VI	459	20	126	-	139	4	-	102	-	68	-	
		EEV	266	-	-	-	-	143	101	-	-	-	22	-
		EEV upgraded to Euro VI	114	-	10	-	-	89	-	-	-	-	15	-
Hybrid	Single deck	Euro V	13	-	-	-	13	-	-	-	-	-	-	
	Double deck	Euro IV	12	-	-	-	5	5	2	-	-	-	-	
		Euro V	251	30	11	1	41	72	73	26	-	-	-	
		Euro V upgraded to Euro VI	183	-	143	-	36	-	1	-	-	-	-	
		EEV	1	-	-	-	-	-	-	-	-	-	1	-
		EEV upgraded to Euro VI	21	-	-	-	-	-	-	-	-	-	21	-
		Euro VI	1759	159	265	38	455	378	128	246	-	90	-	
NRM	Double deck	Euro V	306	-	107	-	30	56	79	34	-	-	-	
		Euro VI	694	111	189	-	241	95	17	41	-	-	-	
RM	Double deck	Euro II	10	-	-	-	-	-	-	10	-	-	-	
Fuel cell	Single deck	Zero Emission	10	-	-	-	-	-	-	-	-	10	-	
Electric	Single deck	Zero Emission	91	-	9	-	78	-	4	-	-	-	-	
	Double deck	Zero Emission	5	-	-	-	-	5	-	-	-	-	-	
Total			9396	745	1706	129	2354	1678	1076	1232	64	407	5	

6. FURTHER INFORMATION IS PROVIDED BY THE FOLLOWING SUPPORTING GRAPHS

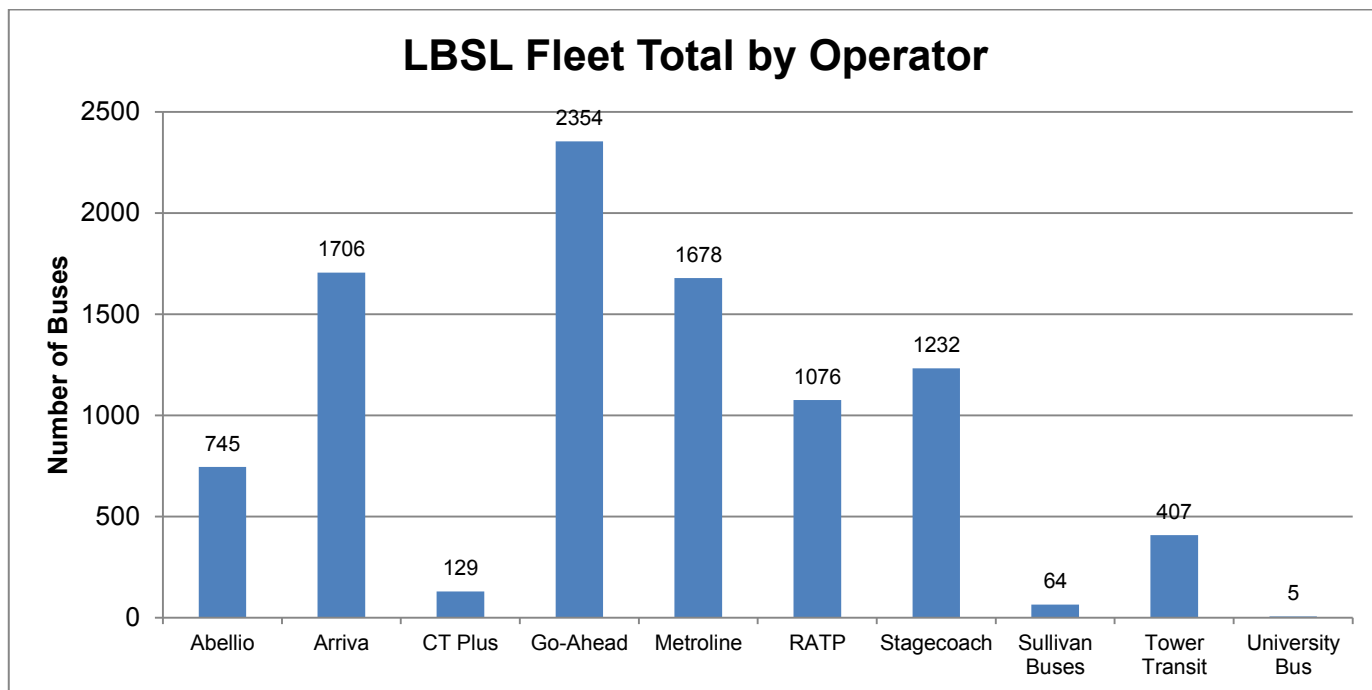
i) London Single Deck Buses Age Profile as at 31 March 2018



ii) London Double Deck Buses (excl Routemaster) Age Profile as at 31 March 2018



iii) London Bus Fleet by Operator as at 31 March 2018



iv) London Bus Fleet Average Age by Operator as at 31 March 2018

