

This is an audit of the London Buses contracted fleet using data collated on 31 March 2020. This is the 25th audit and the report represents the results and makes comparisons with previous audits.

1. SUMMARY

The fleet size of 9,102 buses represents a decrease of 40 buses in comparison to the last fleet audit total on 31 March 2019 of 9,142 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 9,102 buses includes; 1,000 New Routemasters, 316 Electric buses, 10 Fuel Cell buses and 3,773 Hybrid buses (including NRMs). Apart from 7 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 2020

The current data at 31 March 2020 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
1962	1		1*						1
1964	6		6*						6
2003	3				3				3
2004	1	1			2				2
2005	5	2			7				7
2006	16	1			17				17
2007	81	56			137				137
2008	165	126			288			3	291
2009	551	260			805			6	811
2010	460	175			599			36	635
2011	630	335			871			94	965
2012	659	203		7	711			144	862
2013	477	92		113	297			159	569
2014	487	106		236	109	6		242	593
2015	628	167		307	179	9		300	795
2016	817	260		227	279	51		520	1077
2017	691	336		110	328	18	2	569	1027
2018	481	259			193	66		481	740
2019	270	211			179	99		203	481
2020	64	19				67		16	83
TOTAL	6493	2609	7	1000	5004	316	2	2773	9102

3. LONDON BUS FLEET BY TYPE – 31 MARCH 2010 TO 31 MARCH 2020

Bus Type	Drive train type	31/03/10	31/03/11	31/03/12	31/03/13	31/03/14	31/03/15	31/03/16	31/03/17	31/03/18	31/03/19	31/03/20
New Route master	Hybrid	-	-	5	8	168	432	736	953	1000	1000	1000
Route Master	Diesel	18	18	19	20	19	19	10	10	10	10	7
Artic	Diesel	320	260	-	-	-	-	-	-	-	-	-
Single deck	Diesel	2676	2670	2661	2608	2606	2662	2617	2612	2587	2435	2406
	Fuel Cell	-	5	5	5	8	8	8	8	10	10	2
	Hybrid	27	27	33	28	23	23	18	18	13	-	-
	Electric	-	-	-	-	2	8	17	66	91	150	201
Double deck	Diesel	5554	5487	5787	5696	5296	5026	4794	4380	3453	2863	2598
	Hybrid	29	79	233	352	643	799	981	1564	2227	2669	2773
	-	-	-	-	-	-	-	5	5	5	5	115
TOTAL		8624	8546	8743	8717	8765	8977	9186	9616	9396	9142	9102

4. FLEET EU EMISSIONS STANDARDS CHANGES 31 MARCH 2010 TO 31 MARCH 2020

TYPE	31/03/10	31/03/11	31/03/12	31/03/13	31/03/14	31/03/15	31/03/16	31/03/17	31/03/18	31/03/19	31/03/20
Euro VI	-	-	-	2	14	449	1194	2300	3383	4045	4274
EEV upgraded to Euro VI	-	-	-	-	-	-	-	-	135	225	378
EEV	308	490	463	858	853	616	631	564	309	194	19
Euro V upgraded to Euro VI	-	-	-	-	-	-	-	-	752	2296	2846
Euro V	441	928	2263	2660	3151	3687	3633	3585	2611	848	259
Euro IV upgraded to Euro VI	-	-	-	-	-	-	-	-	176	358	688
Euro IV	1671	1754	1989	1771	1683	1625	1628	1627	1256	861	288
Euro III upgraded to Euro IV	4152	3953	3246	3116	2934	2534	2060	1451	658	140	25
Euro II	2052	1425	777	305	121	50	10	10	10	10	7
Fuel Cell	-	5	5	5	8	8	8	8	10	10	2
Electric	-	-	-	-	2	8	22	71	96	155	316
Fleet Total	8624	8550	8738	8712	8765	8977	9186	9616	9396	9142	9102
Hybrid (excl NRM)	56	106	266	388	662	822	999	1582	2240	2669	2773
NRM Hybrid	-	-	1	8	168	432	736	953	1000	1000	1000

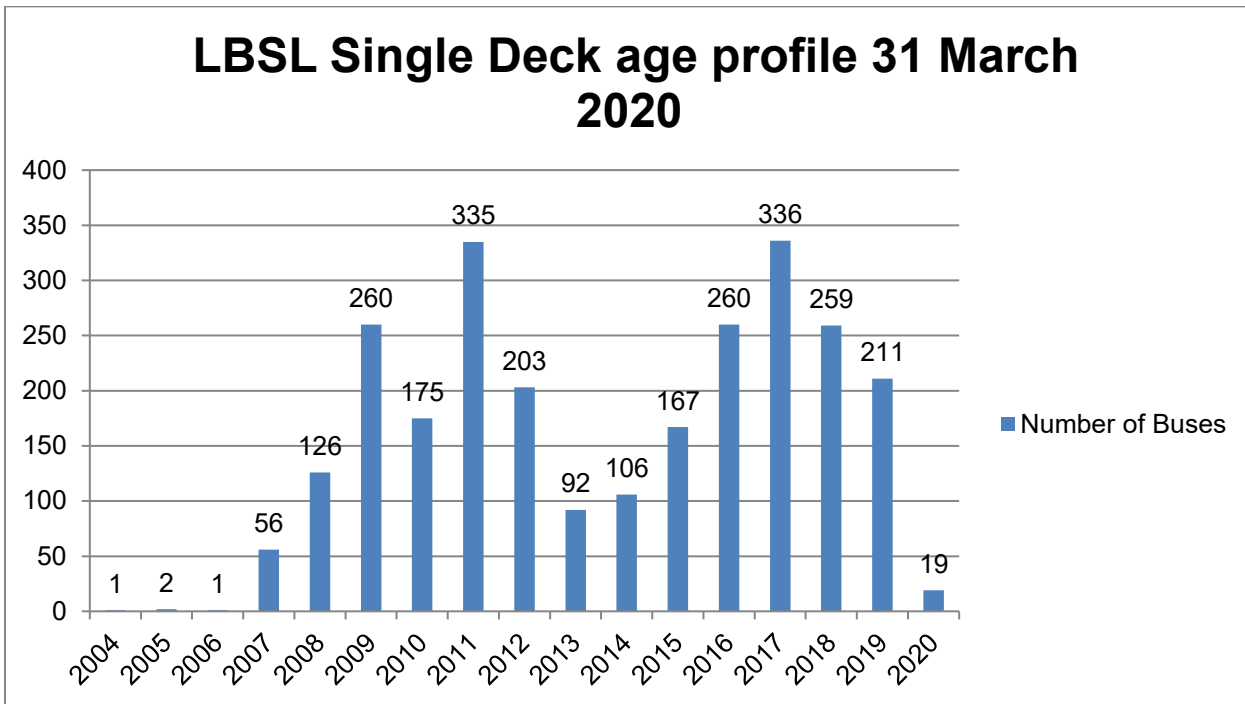
As at 31 March 2020, a total of 8504 buses in the fleet are to the equivalent of Euro VI standards or better. This represents a total of 93.43% of the fleet.

5. LONDON BUS FLEET BY OPERATOR, BODY TYPE AND EURO EMISSION STANDARDS AS AT 31 MARCH 2020

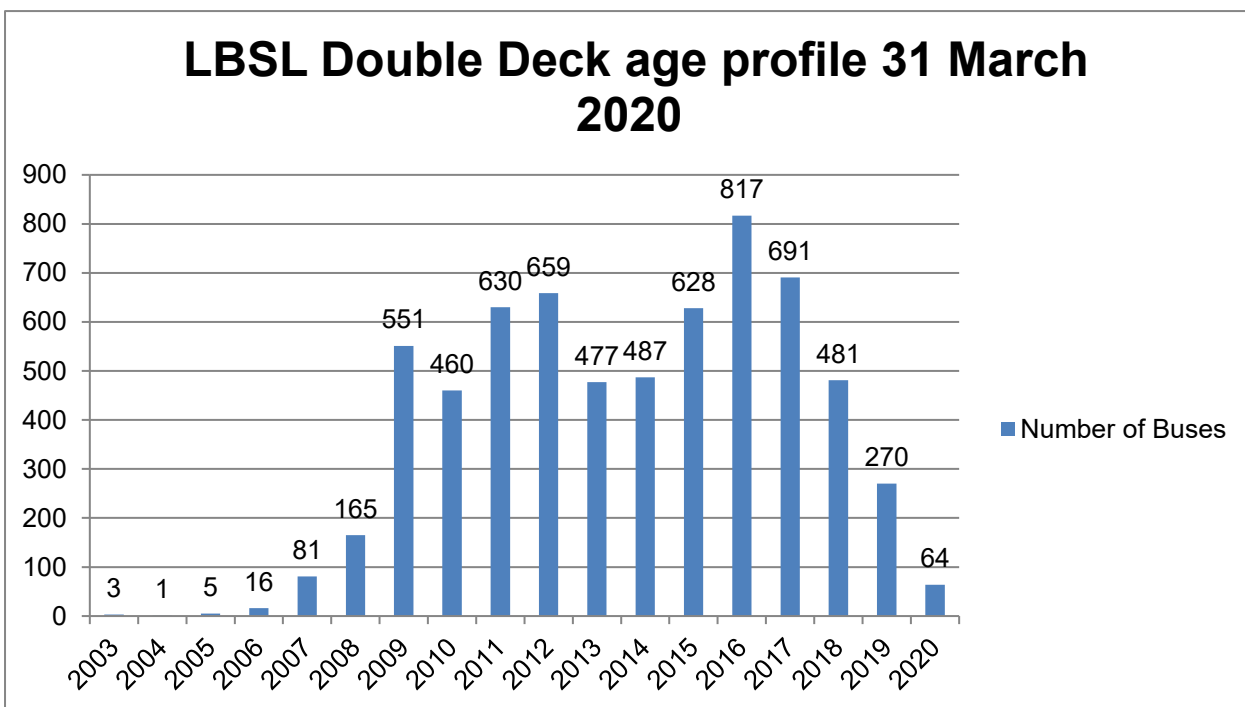
Fuel	Body Type	EU Standard	31/03/20	Abellio	Arriva Group	Go Ahead Group	CT Plus	Metroline	RATP	Stagecoach	Sullivan Buses	Tower Transit	University Bus
Diesel	Single deck	Euro III upgraded to Euro IV	4	3	-	-	-	1	-	-	-	-	-
		Euro IV	126	1	12	33	-	45	25	9	-	-	1
		Euro V	104	18		66	1	3	5	11	-	-	-
		EEV	-	-	-	-	-	-	-	-	-	-	-
		Euro IV upgraded to Euro VI	272	-	48	47	2	105	39	28	-	3	-
		Euro V upgraded to Euro VI	718	70	87	190	28	119	102	72	6	44	-
		EEV upgraded to Euro VI	26	-	-	19	-	-	7	-	-	-	-
		Euro VI	1156	187	88	228	76	92	265	143	17	56	4
	Double deck	Euro III upgraded to Euro IV	21	-	3	8	-	-	8	-	2	-	-
		Euro IV	159	2	28	33	-	52	24	17	3	-	-
		Euro V	142	16	1	91	-	4	1	24	5	-	-
		EEV	19	-	-	-	-	18	1	-	-	-	-
		Euro IV upgraded to Euro VI	416	9	92	143	-	46	63	53	6	4	-
		Euro V upgraded to Euro VI	1397	80	483	312	-	101	75	233	18	95	-
EEV upgraded to Euro VI		330	-	10	-	-	212	71	-	-	37	-	
Euro VI		114	-	42	3	-	-	5	52	12	-	-	
Hybrid	Double deck	Euro IV	3	-	-	-	-	3	-	-	-	-	
		Euro V	13	-	-	-	-	12	1	-	-	-	
		Euro V upgraded to Euro VI	425	43	152	73	1	60	70	26	-	-	-
		EEV upgraded to Euro VI	22	-	-	-	-	-	-	-	-	22	-
		Euro VI	2310	196	297	599	49	513	187	351	-	118	-
NRM	Double deck	Euro V upgraded to Euro VI	306	51	107	30	-	34	50	34	-	-	
		Euro VI	694	110	189	241	-	94	18	42	-	-	
RM	Double deck	Euro II	7	-	-	-	-	-	7	-	-		
Fuel cell	Single deck	Zero Emission	2	-	-	-	-	-	-	-	2		
Electric	Single deck	Zero Emission	201	12	9	117	-	23	40	-	-		
	Double deck	Zero Emission	115	-	-	21	-	65	29	-	-		
Total			9102	798	1648	2254	157	1602	1086	1102	69	381	5

6. FURTHER INFORMATION IS PROVIDED BY THE FOLLOWING SUPPORTING GRAPHS

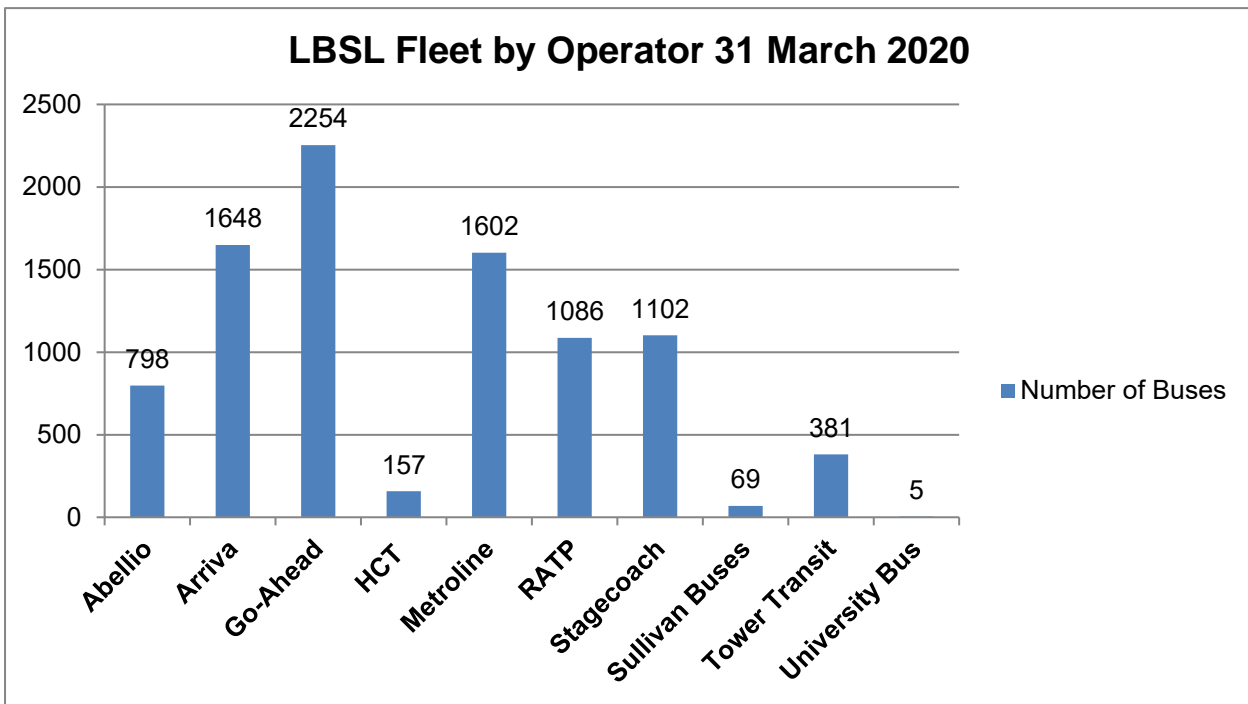
i) London Single Deck Buses Age Profile as at 31 March 2020



ii) London Double Deck Buses (excl Routemaster) Age Profile as at 31 March 2020



iii) London Bus Fleet by Operator as at 31 March 2020



iv) London Bus Fleet Average Age by Operator as at 31 March 2020

