

Appendix 4 – Recommended New Parking Charges

Projected price plans and income modelling

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1. Recommended Emissions-Based Bands

The following bands reflect HMRC banding of cars (i.e. the bandings that are used to determine tax rates).

Emissions Based Band	Pre-2001 (engine size, cc)	Post-2001 (emissions, CO2g/km)	Example vehicle in band
1	0-1300	0	<i>Electric Vehicles</i>
2	1301-1400	101-110	<i>VW Golf Hatchback 1.0L</i>
3	1401-1450	111-120	<i>VW Passat 1.4L</i>
4	1451-1500	121-130	<i>Nissan Quashqai 1.2L</i>
5	1501-1575	131-140	<i>Audi A3 1.4L</i>
6	1576-1650	141-150	<i>Ford Focus Titanium 2.0 TDCi</i>
7	1651-1750	151-165	<i>Ford Mondeo 2.0L</i>
8	1751-1850	166-175	<i>Peugeot 308 1.6L</i>
9	1851-1975	176-185	<i>Range Rover Velar 2.0</i>
10	1976-2100	186-200	<i>Alfa Romeo 147 1.6L</i>
11	2101-2500	201-225	<i>Audi A8 3.0L</i>
12	2501-2750	226-255	<i>Mercedes Benz C-Class 350</i>
13	2751+	256+	<i>Range Rover Sport 5.0 V8 Supercharged</i>

- Vehicles made prior to 2001 will be banded based on their engine size as per the details above; the DVLA does not hold information on the emissions of vehicles of this age.

2. Introduction of New Permit Fees

Applicant vehicles will be banded according to HMRC's emissions banding, the cost of all permits will increase or decrease to the full new price from the date the emissions-based permits are introduced and implemented at the next renewal or application.

3. Recommended Permit Pricing

The tables below outline the final cost of each type of permit, along with the percentage and number of vehicles that will be affected.

Resident Permits

Emissions Based Band	# of vehicles in each band	% of total vehicles in each band	Petrol Vehicles					Diesel Vehicles				
			Permit Price (3 months)	Permit Price (6 months)	Permit Price (12 months)	# of petrol vehicles in band	% of all petrol vehicles in band	Permit Price (3 months)	Permit Price (6 months)	Permit Price (12 months)	# of diesel vehicles in band	% of all diesel vehicles in band
1	717	6%	£18.00	£35.00	£70.00	534	7%	£30.00	£60.00	£120.00	183	5%
2	800	7%	£22.00	£42.50	£85.00	509	7%	£34.00	£67.00	£135.00	291	8%
3	1005	9%	£25.00	£50.00	£100.00	573	7%	£37.00	£75.00	£150.00	432	11%
4	933	8%	£29.00	£57.50	£115.00	634	8%	£41.00	£82.00	£165.00	299	8%
5	1320	11%	£33.00	£65.00	£130.00	809	10%	£45.00	£90.00	£180.00	511	13%
6	1281	11%	£37.00	£72.50	£145.00	947	12%	£49.00	£97.00	£195.00	334	9%
7	1495	13%	£40.00	£80.00	£160.00	1047	14%	£52.00	£105.00	£210.00	448	12%
8	742	6%	£44.00	£87.50	£175.00	573	7%	£56.00	£112.00	£225.00	169	4%
9	635	6%	£48.00	£95.00	£190.00	408	5%	£60.00	£120.00	£240.00	227	6%
10	847	7%	£52.00	£102.50	£205.00	606	8%	£64.00	£127.00	£255.00	241	6%
11	724	6%	£55.00	£110.00	£220.00	411	5%	£67.00	£135.00	£270.00	313	8%
12	557	5%	£59.00	£117.50	£235.00	364	5%	£71.00	£142.00	£285.00	193	5%
13	485	4%	£63.00	£125.00	£250.00	332	4%	£75.00	£150.00	£300.00	153	4%
	11541					7747					3794	

The current price of a 12-month Resident Permit is £120.

- There is no additional charge for 3-month and 6-month resident permits, which will be charged on a pro rata basis.
- The price scale has been based on a 20 percent increase of Band 6 over the current permit price, with a £15 adjustment +/- of the bands on a linear basis.
- Diesel vehicles will also be subject to a £50 diesel surcharge across the bands, this is pro rata adjusted for 3 and 6 month permits.
- Disabled permits will remain free.
- There will be an administration charge of £15 for all refunds.

Business Permits

Emissions Based Band	# of vehicles in each band	% of total vehicles in each band	Petrol Vehicles				Diesel Vehicles			
			Permit Price (6 months)	Permit Price (12 months)	# of petrol vehicles in band	% of all petrol vehicles in band	Permit Price (6 months)	Permit Price (12 months)	# of diesel vehicles in band	% of all diesel vehicles in band
1	52	8%	£210.00	£350.00	32	8%	£235.00	£400.00	20	8%
2	60	9%	£240.00	£400.00	32	8%	£265.00	£450.00	28	11%
3	80	12%	£270.00	£450.00	47	12%	£295.00	£500.00	33	13%
4	73	11%	£300.00	£500.00	58	14%	£325.00	£550.00	15	6%
5	83	13%	£330.00	£550.00	44	11%	£355.00	£600.00	39	16%
6	68	10%	£360.00	£600.00	46	11%	£385.00	£650.00	22	9%
7	86	13%	£390.00	£650.00	54	13%	£415.00	£700.00	32	13%
8	39	6%	£420.00	£700.00	29	7%	£445.00	£750.00	10	4%
9	33	5%	£450.00	£750.00	19	5%	£475.00	£800.00	14	6%
10	25	4%	£480.00	£800.00	13	3%	£505.00	£850.00	12	5%
11	32	5%	£510.00	£850.00	15	4%	£535.00	£900.00	17	7%
12	15	2%	£540.00	£900.00	9	2%	£565.00	£950.00	6	2%
13	11	2%	£570.00	£950.00	8	2%	£595.00	£1,000.00	3	1%
	657				406				251	

The current price of a Business permit is £500.

- Revised pricing scale is based on a 20 percent increase on the current Business permit price at Band 6, then adjusted by £50 +/- linearly.
- The £50 diesel surcharge is applied on top of the revised permit price, this is pro rata adjusted for 6 month permits.

Business All Zones Permits

Emissions Based Band	# of vehicles in each band	% of total vehicles in each band	Petrol Vehicles			Diesel Vehicles		
			Permit Price (12 months)	# of petrol vehicles in band	% of all petrol vehicles in band	Permit Price (12 months)	# of diesel vehicles in band	% of all diesel vehicles in band
1	46	11%	£650.00	27	23%	£700.00	19	7%
2	22	5%	£700.00	17	15%	£750.00	5	2%
3	31	8%	£750.00	10	9%	£800.00	21	7%
4	51	13%	£800.00	11	9%	£850.00	40	14%
5	27	7%	£850.00	13	11%	£900.00	14	5%
6	16	4%	£900.00	9	8%	£950.00	7	2%
7	52	13%	£950.00	12	10%	£1,000.00	40	14%
8	18	4%	£1,000.00	3	3%	£1,050.00	15	5%
9	47	12%	£1,050.00	5	4%	£1,100.00	42	15%
10	41	10%	£1,100.00	5	4%	£1,150.00	36	13%
11	45	11%	£1,150.00	1	1%	£1,200.00	44	15%
12	3	1%	£1,200.00	0	0%	£1,250.00	3	1%
13	4	1%	£1,250.00	3	3%	£1,300.00	1	0%
	403			116			287	

The current price of a Business All Zone permit is £750.

- Revised pricing scale is based on a 20 percent increase on the current Business Z permit price at Band 6, then adjusted by £50 +/- linearly.
- The £50 diesel surcharge is applied.

Business Hospital Permits

The current policy is that Lewisham Hospital can purchase a limited number of permits for staff at the current business rate of £500 p.a.

Recommended changes:

- The permit will continue to replicate business permits at the new rate.

Health Permits

Emissions Based Band	# of vehicles in each band	% of total vehicles in each band	Petrol Vehicles			Diesel Vehicles		
			Permit Price (12 months)	# of petrol vehicles in band	% of all petrol vehicles in band	Permit Price (12 months)	# of diesel vehicles in band	% of all diesel vehicles in band
1	28	9%	£70.00	23	9%	£120.00	5	9%
2	36	12%	£85.00	31	12%	£135.00	5	9%
3	38	12%	£100.00	32	13%	£150.00	6	10%
4	47	15%	£115.00	39	16%	£165.00	8	14%
5	57	18%	£130.00	43	17%	£180.00	14	24%
6	29	9%	£145.00	23	9%	£195.00	6	10%
7	35	11%	£160.00	30	12%	£210.00	5	9%
8	7	2%	£175.00	7	3%	£225.00	0	0%
9	10	3%	£190.00	7	3%	£240.00	3	5%
10	12	4%	£205.00	10	4%	£255.00	2	3%
11	2	1%	£220.00	2	1%	£270.00	0	0%
12	3	1%	£235.00	2	1%	£285.00	1	2%
13	5	2%	£250.00	2	1%	£300.00	3	5%
	309			251			58	

The current price of a Health permit is £200.

- The revised pricing scale is based on a 27.5 percent reduction on the current Health permit price, then adjusted by £15 +/- linearly.
- The £50 diesel surcharge is applied.

Current policy: staff have to display the clock in the windscreen highlighting start time with maximum stay of 2 hours.

Recommended change: staff will have to activate their parking duration on each visit via the app, maximum stay per location is 2 hours.

Business Staff Permits

Emissions Based Band	# of vehicles in each band	% of total vehicles in each band	Petrol Vehicles			Diesel Vehicles		
			Permit Price (12 months)	# of petrol vehicles in band	% of all petrol vehicles in band	Permit Price (12 months)	# of diesel vehicles in band	% of all diesel vehicles in band
1	28	9%	£350.00	20	9%	£400.00	8	8%
2	32	10%	£400.00	24	10%	£450.00	8	8%
3	39	12%	£450.00	22	9%	£500.00	17	18%
4	40	12%	£500.00	26	11%	£550.00	14	15%
5	37	11%	£550.00	27	12%	£600.00	10	10%
6	30	9%	£600.00	23	10%	£650.00	7	7%
7	36	11%	£650.00	26	11%	£700.00	10	10%
8	21	6%	£700.00	17	7%	£750.00	4	4%
9	20	6%	£750.00	15	6%	£800.00	5	5%
10	20	6%	£800.00	15	6%	£850.00	5	5%
11	8	2%	£850.00	4	2%	£900.00	4	4%
12	5	2%	£900.00	3	1%	£950.00	2	2%
13	12	4%	£950.00	10	4%	£1,000.00	2	2%
# of vehicles	328			232			96	

The current price of the permit is £500.

- Revised pricing scale is based on a 20 percent increase on the current Business permit price at Band 6, then adjusted by £50 +/- linearly.
- The £50 diesel surcharge is applied.

Hospital Health Permits

Hospital Health			Current price			£500		
Emissions Based Band	# of vehicles in each band	% of total vehicles in each band	<i>Petrol Vehicles</i>			<i>Diesel Vehicles</i>		
			Permit Price (12 months)	# of petrol vehicles in band	% of all petrol vehicles in band	Permit Price (12 months)	# of diesel vehicles in band	% of all diesel vehicles in band
1	18	5%	£350.00	13	6%	£400.00	5	5%
2	8	2%	£400.00	5	2%	£450.00	3	3%
3	16	5%	£450.00	8	3%	£500.00	8	8%
4	24	7%	£500.00	16	7%	£550.00	8	8%
5	16	5%	£550.00	13	6%	£600.00	3	3%
6	10	3%	£600.00	8	3%	£650.00	2	2%
7	14	4%	£650.00	9	4%	£700.00	5	5%
8	7	2%	£700.00	4	2%	£750.00	3	3%
9	2	1%	£750.00	2	1%	£800.00	0	0%
10	5	2%	£800.00	2	1%	£850.00	3	3%
11	5	2%	£850.00	3	1%	£900.00	2	2%
12	1	0%	£900.00	0	0%	£950.00	1	1%
13	0	0%	£950.00	0	0%	£1,000.00	0	0%
# of vehicles	126			83			43	

The current price of Hospital Health permits is £500.

- Revised pricing scale is based on a 20 percent increase on the current Business permit price at Band 6, then adjusted by £50 +/- linearly.

The £50 diesel surcharge is applied

Visitor Permits

Current Visitor Permit pricing:

- 1hr = £1.40 on line or a book of 10 = £10.00

Permits can be obtained via the library or by post sent recorded delivery at a cost of £1.67, with the rates as following:

- 5hr = £2.80
- Daily = £5.60
- Weekly = £20.00

Our current policy is that upon application, a book of 10 one hour visitor parking permits will be provided free of charge to all households that currently have at least one paid annual resident parking permit. Also, upon application, a book of ten (1 hour) visitor parking permits will be provided free of charge to any residents in CPZs who are over 60, and in receipt of Council Tax support, and do not have another parking permit per annum.

Recommended changes:

The recommendation is to provide ten hours of visitor parking credit free of charge to all households that currently have at least one paid annual resident parking permit. This will be credited to their on-line account and can be used via their app (which will be provided as part of the new IT system) at their convenience. For visitors who have limited or no internet access, a book of vouchers can be sent on application.

- Visitor permits will rise to £1.60 per hour
- Book of 10 vouchers will be £16.00
- 5hr will be £3.20
- Daily will be £6.40
- Weekly will be £25.60

Visitor Permit Pricing Change												
	Current Price		Current Income		# sold	Updated Price	% increase in price	Projected annual income on updated price	Var. current income & projected			
Hourly	£	1.40	£	6,170.64	4,408	£	1.60	14.3%	£	7,052.16	£	881.52
Book of 10 x 1hr	£	10.00	£	12,612.00	1,261	£	16.00	60.0%	£	20,179.20	£	7,567.20
5-hours	£	2.80	£	16,371.36	5,847	£	3.20	14.3%	£	18,710.13	£	2,338.77
Daily	£	5.60	£	23,170.56	4,138	£	6.40	14.3%	£	26,480.64	£	3,310.08
Weekly	£	20.00	£	10,816.80	541	£	25.60	28.0%	£	13,845.50	£	3,028.70
			£	69,141.36	16,194				£	86,267.63	£	17,126.27

There will be no change to the issuing of a book of ten (1 hour) visitor parking permits will be provided free of charge to any residents in CPZs who are over 60, and in receipt of Council Tax support, and do not have another parking permit per annum.

4. Income Projection

The below section outlines the projected income change that would follow from a move to emissions-based bandings at the above detailed prices; vehicle information from current permits is used for projection analysis. This analysis assumes that customers do not change their vehicles. Under the projection, a £50 per annum surcharge has been applied to all diesel vehicles in all Bands, on a pro rata basis for 3 and 6 month permits.

Resident Permits

Band	Current permit income from vehicles in band	# of vehicles to be charged in band	% of vehicles in band	Total projected permit income in Year 1	Projected change from current year to Year 1
1	£63,990.00	717	6%	£45,791.50	-£18,198.50
2	£72,600.00	800	7%	£64,302.50	-£8,297.50
3	£89,820.00	1005	9%	£94,050.00	£4,230.00
4	£83,160.00	933	8%	£94,274.00	£11,114.00
5	£118,440.00	1320	11%	£153,298.00	£34,858.00
6	£116,010.00	1281	11%	£157,541.25	£41,531.25
7	£139,350.00	1495	13%	£209,175.00	£69,825.00
8	£67,710.00	742	6%	£107,342.50	£39,632.50
9	£57,930.00	635	6%	£104,257.00	£46,327.00
10	£73,920.00	847	7%	£141,322.50	£67,402.50
11	£65,100.00	724	6%	£136,438.50	£71,338.50
12	£48,210.00	557	5%	£107,582.50	£59,372.50
13	£42,900.00	485	4%	£101,582.50	£58,682.50
Change in income generated from Emissions band:					£331,752.25
Change in income generated from diesel surcharge:					£146,065.50
Overall Change					£477,817.75

Residents will receive 10 hours of free visitor parking credit with each residents' permit which represents **£115,410** of income that is not collected by Lewisham.

Business Permits

Band	Current permit income from vehicles in band	# of vehicles to be charged in band	% of vehicles in band	Total projected permit income in Year 1	Projected change from current year to Year 1
1	£26,000.00	52	8%	£19,200.00	-£6,800.00
2	£30,000.00	60	9%	£25,400.00	-£4,600.00
3	£40,000.00	80	12%	£37,650.00	-£2,350.00
4	£36,500.00	73	11%	£37,250.00	£750.00
5	£41,500.00	83	13%	£47,600.00	£6,100.00
6	£34,000.00	68	10%	£41,900.00	£7,900.00
7	£43,000.00	86	13%	£57,500.00	£14,500.00
8	£19,500.00	39	6%	£27,800.00	£8,300.00
9	£16,500.00	33	5%	£25,450.00	£8,950.00
10	£12,500.00	25	4%	£20,600.00	£8,100.00
11	£16,000.00	32	5%	£28,050.00	£12,050.00
12	£7,500.00	15	2%	£13,800.00	£6,300.00
13	£5,500.00	11	2%	£10,600.00	£5,100.00
Change in income generated from Emissions band:					£51,750.00
Change in income generated from diesel surcharge:					£12,550.00
Overall Change					£64,300.00

Business All Zones Permits

Band	Current permit income from vehicles in band	# of vehicles to be charged in band	% of vehicles in band	Total projected permit income in Year 1	Projected change from current year to Year 1
1	£34,500.00	46	11%	£30,850.00	-£3,650.00
2	£16,500.00	22	5%	£15,650.00	-£850.00
3	£23,250.00	31	8%	£24,300.00	£1,050.00
4	£38,250.00	51	13%	£42,800.00	£4,550.00
5	£20,250.00	27	7%	£23,650.00	£3,400.00
6	£12,000.00	16	4%	£14,750.00	£2,750.00
7	£39,000.00	52	13%	£51,400.00	£12,400.00
8	£13,500.00	18	4%	£18,750.00	£5,250.00
9	£35,250.00	47	12%	£51,450.00	£16,200.00
10	£30,750.00	41	10%	£46,900.00	£16,150.00
11	£33,750.00	45	11%	£53,950.00	£20,200.00
12	£2,250.00	3	1%	£3,750.00	£1,500.00
13	£3,000.00	4	1%	£5,050.00	£2,050.00
Change in income generated from Emissions band:					£66,650.00
Change in income generated from diesel surcharge:					£14,350.00
Overall Change					£81,000.00

Health Permits

Band	Current permit income from vehicles in band	# of vehicles to be charged in band	% of vehicles in band	Total projected permit income in Year 1	Projected change from current year to Year 1
1	£5,600.00	28	9%	£2,210.00	-£3,390.00
2	£7,200.00	36	12%	£3,310.00	-£3,890.00
3	£7,600.00	38	12%	£4,100.00	-£3,500.00
4	£9,400.00	47	15%	£5,805.00	-£3,595.00
5	£11,400.00	57	18%	£8,110.00	-£3,290.00
6	£5,800.00	29	9%	£4,505.00	-£1,295.00
7	£7,000.00	35	11%	£5,850.00	-£1,150.00
8	£1,400.00	7	2%	£1,225.00	-£175.00
9	£2,000.00	10	3%	£2,050.00	£50.00
10	£2,400.00	12	4%	£2,560.00	£160.00
11	£400.00	2	1%	£440.00	£40.00
12	£600.00	3	1%	£755.00	£155.00
13	£1,000.00	5	2%	£1,400.00	£400.00
Change in income generated from Emissions band:					-£22,380.00
Change in income generated from diesel surcharge:					£2,900.00
Overall Change					-£19,480.00

Business Staff Permits

Band	Current permit income from vehicles in band	# of vehicles to be charged in band	% of vehicles in band	Total projected permit income in Year 1	Projected change from current year to Year 1
1	£14,000.00	28	9%	£10,200.00	-£3,800.00
2	£16,000.00	32	10%	£13,200.00	-£2,800.00
3	£19,500.00	39	12%	£18,400.00	-£1,100.00
4	£20,000.00	40	12%	£20,700.00	£700.00
5	£18,500.00	37	11%	£20,850.00	£2,350.00
6	£15,000.00	30	9%	£18,350.00	£3,350.00
7	£18,000.00	36	11%	£23,900.00	£5,900.00
8	£10,500.00	21	6%	£14,900.00	£4,400.00
9	£10,000.00	20	6%	£15,250.00	£5,250.00
10	£10,000.00	20	6%	£16,250.00	£6,250.00
11	£4,000.00	8	2%	£7,000.00	£3,000.00
12	£2,500.00	5	2%	£4,600.00	£2,100.00
13	£6,000.00	12	4%	£11,500.00	£5,500.00
Change in income generated from Emissions band:					£26,300.00
Change in income generated from diesel surcharge:					£4,800.00
Overall Change					£31,100.00

Band	Current permit income from vehicles in band	# of vehicles to be charged in band	% of vehicles in band	Total projected permit income in Year 1	Projected change from current year to Year 1
1	£9,000.00	18	5%	£6,550.00	-£2,450.00
2	£4,000.00	8	2%	£3,350.00	-£650.00
3	£8,000.00	16	5%	£7,600.00	-£400.00
4	£12,000.00	24	7%	£12,400.00	£400.00
5	£8,000.00	16	5%	£8,950.00	£950.00
6	£5,000.00	10	3%	£6,100.00	£1,100.00
7	£7,000.00	14	4%	£9,350.00	£2,350.00
8	£3,500.00	7	2%	£5,050.00	£1,550.00
9	£1,000.00	2	1%	£1,500.00	£500.00
10	£2,500.00	5	2%	£4,150.00	£1,650.00
11	£2,500.00	5	2%	£4,350.00	£1,850.00
12	£500.00	1	0%	£950.00	£450.00
13	£0.00	0	0%	£0.00	£0.00
	£63,000.00			£70,300.00	£7,300.00
				Change in income generated from Emissions band:	£5,150.00
				Change in income generated from diesel surcharge:	£2,150.00
				Overall Change	£7,300.00

Total Projected Income Change

Permit type	Current income	Projected income	Change from current to projected
Residential	£1,039,140.00	£1,516,954.00	£477,814.00
Business	£328,500.00	£392,800.00	£64,300.00
Business Z	£302,250.00	£383,250.00	£81,000.00
Health	£61,800.00	£42,320.00	-£19,480.00
Staff	£164,000.00	£195,100.00	£31,100.00
Hospital Health	£63,000.00	£70,300.00	£7,300.00
TOTAL	£1,958,690.00	£2,600,724.00	£642,034.00
			Change in income generated from Emissions band:
			£415,584.00
			Change in income generated from diesel surcharge:
			£113,250.00
			Loss from free visitor permits for Resident permit holders:
			-£115,410.00
			Total income:
			£413,424.00

The total number of vehicles affected by the diesel surcharge as highlighted in this report is 4529. This does not take into account the number of diesel vehicles which meets Euro6 standards (or above) which as part of the recommendations to be exempt from the surcharge.

We have made the assumption that 50% of these vehicles will be impacted by the surcharge (2265). Given the implementation of ULEZ in October 2021 we anticipate that this figure will drop significantly before this date as it will not be financially viable to pay the daily charge of £12.

5. Impact of the introduction of the ULEZ in 2021

The expansion of the Ultra Low Emissions Zone to include Lewisham in 2021 will likely lead to changes in customer vehicles over the coming years. The emissions bandings proposed in this document mirror the bands used by the government for vehicle tax, which are based on CO₂ emissions. The ULEZ, however, uses Euro Standards which measure carbon monoxide, nitrogen oxides, hydrocarbons and particulate matter.

Given these differences, it is not anticipated that changes to customer vehicles will significantly impact income from permits; for example, a customer may trade in a band 3 vehicle that *is not* ULEZ compliant for a band 9 vehicle that *is* ULEZ compliant, and vice versa. **It cannot be assumed that a consumer trading a non-ULEZ compliant vehicle for a compliant one will get a vehicle in a lower, and therefore cheaper, emissions-based band, as the emissions banding proposed here and TfL ULEZ compliance measurements are not comparable; it therefore follows that we cannot assume changes to ULEZ-compliant vehicles in the coming years will increase the number of vehicles in lower bands, and therefore decrease the income received from permits.**

The table below indicates the *estimated** numbers and % of vehicles that are/ are not ULEZ compliant in each of the proposed bands, indicating the spread of vehicles across the bands. There are proportionately more non-compliant vehicles in the higher bands within each type of permit, but it is not possible to accurately model in which bands customers' new ULEZ-compliant vehicle would fall into to assess the impact upon income thoroughly.

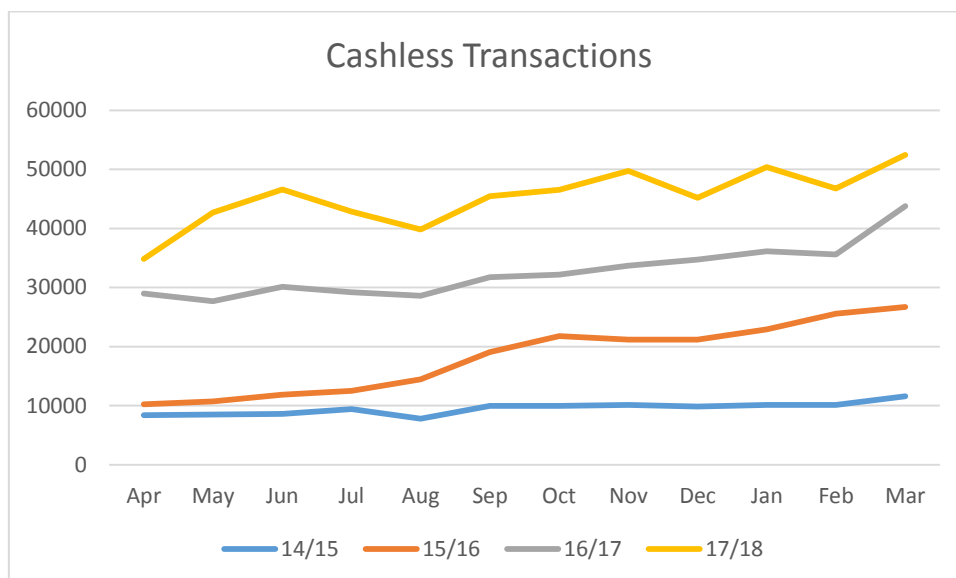
Summary of existing vehicle stock, measuring compliance against ULEZ

Emissions Based Band	Post-2001 (emissions, CO ₂ g/km)	Resident		Business		Business All Zone		Business Health		Staff	
		# vehicles compliant	# vehicles non-compliant	# vehicles compliant	# vehicles non-compliant	# vehicles compliant	# vehicles non-compliant	# vehicles compliant	# vehicles non-compliant	# vehicles compliant	# vehicles non-compliant
1	0	525 (67%)	303 (37%)	42 (81%)	10 (19%)	44 (96%)	2 (4%)	26 (93%)	2 (7%)	22 (79%)	6 (21%)
2	101-110	608 (66%)	318 (34%)	50 (83%)	10 (17%)	19 (86%)	3 (14%)	34 (94%)	2 (6%)	28 (87%)	4 (13%)
3	111-120	737 (64%)	420 (36%)	61 (76%)	19 (24%)	22 (71%)	9 (29%)	35 (92%)	3 (8%)	30 (77%)	9 (23%)
4	121-130	768 (68%)	354 (32%)	64 (88%)	9 (12%)	49 (96%)	2 (4%)	44 (94%)	3 (6%)	31 (77%)	9 (23%)
5	131-140	885 (60%)	596 (40%)	57 (69%)	26 (31%)	18 (67%)	9 (33%)	42 (70%)	15 (30%)	29 (78%)	8 (22%)
6	141-150	769 (54%)	647 (46%)	45 (66%)	23 (34%)	10 (62%)	6 (38%)	22 (71%)	7 (29%)	24 (80%)	6 (20%)
7	151-165	880 (55%)	721 (45%)	56 (65%)	30 (35%)	45 (87%)	7 (13%)	26 (74%)	9 (26%)	23 (43%)	13 (57%)
8	166-175	418 (53%)	372 (47%)	27 (69%)	12 (31%)	10 (56%)	8 (44%)	6 (86%)	1 (14%)	11 (52%)	10 (48%)
9	176-185	302 (46%)	350 (54%)	18 (55%)	15 (45%)	40 (85%)	7 (15%)	7 (70%)	3 (30%)	11 (55%)	9 (45%)
10	186-200	401 (48%)	436 (52%)	15 (60%)	10 (40%)	24 (59%)	17 (41%)	9 (75%)	3 (25%)	10 (50%)	10 (50%)
11	201-225	207 (33%)	415 (67%)	9 (33%)	23 (67%)	39 (87%)	6 (13%)	1 (50%)	1 (50%)	1 (12%)	7 (88%)
12	226-255	100 (24%)	322 (76%)	6 (40%)	9 (60%)	2 (67%)	1 (33%)	2 (66%)	1 (33%)	1 (20%)	4 (80%)
13	256+	96 (24%)	307 (76%)	5 (45%)	6 (55%)	3 (75%)	1 (25%)	0	5 (100%)	4 (33%)	8 (67%)

*Compliance figures shown here are an estimation based on fuel type and age of car. It is assumed that petrol vehicles manufactured prior to 2005 (Euro 5 Standard implementation date) and Diesel vehicles manufactured prior to 2015 (Euro 6 Standard implementation date) are not compliant, however it must be noted that some vehicles manufactured prior to these dates may be compliant.

6. Pay and Display Review

Currently, the Council has 187 Pay & Display machines in the Borough. The machines are between 10 and 15 years old and many are beyond repair. The cost of replacing all the machines would be in the region of £750,000. One way to mitigate this cost as well as create efficiencies within the service is to further encourage customers to opt for the cashless payment service. Over the years, motorists have been migrating from cash to cashless payments, as highlighted in the chart below. The volume of cashless transactions in 2017/18 was 38% higher than the previous year.



Current income from Pay and Display

The total income received from Pay and Display in 2018/19 is projected to be:

- £889,000 for cash transactions.
- £1,492,000 for cashless transactions.

It is proposed that a full review is undertaken to rationalise the number of Pay and Display machines in the Borough which will consider the following:

- The number of machines located in a street
- The usage of each machine
- Cost analysis which will consider replacement of machines, cash collection and maintenance costs.

Pay and Display Charges v Cashless Charges

The Pay & Display hourly rate for parking is £1.40. Customers who chose to use the cashless payment system are charged an additional £0.20 per parking session; this is called a convenience fee and is charged by the service provider. Of this convenience fee, £0.08 is retained by the council, and £0.12 is paid to the cashless service provider (RingGo).

Below is a summary of the *projected* annual income received from cash and cashless payments for the year 2018/19.

Income Stream	Amount
Cashless Gross Parking Fee Income (£1.40ph)	£1,518,000
8p Gross Convenience Fee retained by Council	£48,000
12p Convenience Fee paid to RingGo	£72,000
VAT (Convenience Fee)	£8,000
VAT (Cashless Parking Fee, Off Street only)	£66,000
Cashless Net Income	£1,492,000
Cash Parking Fee Income	£956,000
VAT (Cash, Off Street only)	£67,000
Cash Net Income	£889,000
Total P&D Net Income	£2,381,000

Recommended Adjustments to Charges & Impact on Income

It is recommended that the following changes are made to parking fees:

1. The convenience fee is removed from the cashless parking service, to further encourage the use of cashless transactions.
2. The hourly rate for parking is raised to £2.00 for both cash and cashless transactions. This would generate in the region of £500k income per year however the aim is to reduce non-essential parking in the Borough which would reduce this sum.