

## Appendix 9 – Distribution of vehicles impacted by higher permit charge across local deciles

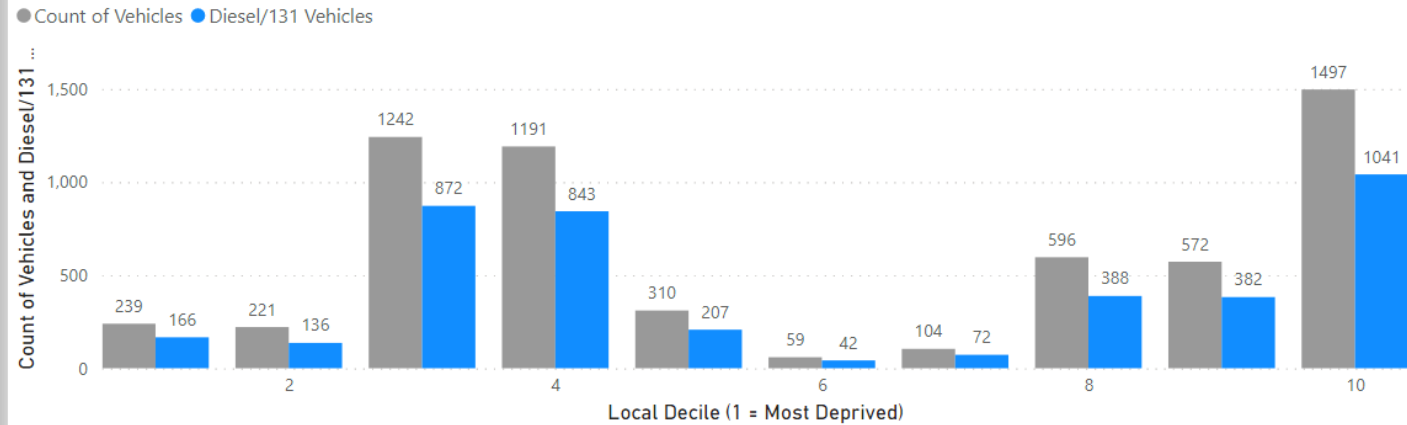
### Emissions data from permit vehicles against local deprivation scores

Local Decile is a 1 - 10 deprivation score, where 1 refers to a local area (LSOA) with most deprivation and 10 with least deprivation.

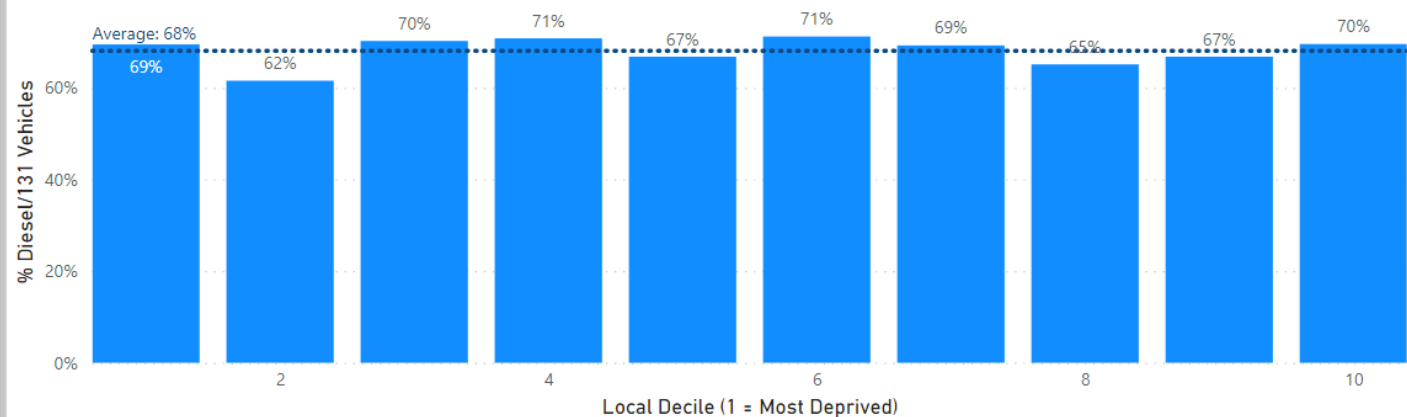
Number of vehicles by deprivation

Local Decile (1 = Most Deprived)	Vehicles	Diesel/131 Vehicles
1	239	166
2	221	136
3	1242	872
4	1191	843
5	310	207
6	59	42
7	104	72
8	596	388
9	572	382
10	1497	1041
<b>Total</b>	<b>6031</b>	<b>4149</b>

Number of Vehicles and Diesel/131 Vehicles by Local Decile (1 = Most Deprived)



% Diesel/131 Vehicles by Local Decile (1 = Most Deprived)



**69%**

Diesel/131 Vehicles against all vehicles

**Figure 1: Analysis of vehicles affected by the new charges**

This analysis is based on vehicle emissions data and postcode against Indices of Deprivation (2019). Only vehicles included within the 69% affected by an increased permit charge are included in the two charts in Figure 1. This includes all diesel fuelled vehicles and all petrol vehicles with CO2 emissions above 131g/km.

## Emissions data from permit vehicles against local deprivation scores

Local Decile is a 1 - 10 deprivation score, where 1 refers to a local area (LSOA) with most deprivation and 10 with least deprivation.

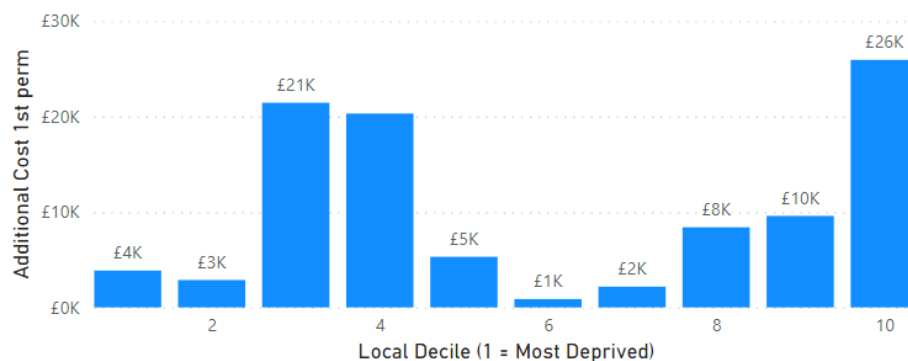
Total additional cost by banding and local decile (1=most deprived)

Banding	1	2	3	4	5	6	7	8	9	10
01: 0	£-200	£-50	£-800	£-500	£-150	£-50	£-100	£-50	£-200	£-850
02: 1-50		£0	£0	£0	£0	£0	£0	£0	£0	£0
03: 51-75	£0	£0	£0	£0	£0			£0	£0	£0
04: 76-90	£25	£25	£100	£350	£75	£25	£25	£125	£50	£225
05: 91-100	£50	£125	£600	£625	£250	£50	£0	£250	£225	£375
06: 101-110	£125	£225	£750	£1,250	£225	£75	£75	£500	£475	£1,200
07: 111-130	£325	£375	£2,075	£2,125	£575	£100	£50	£1,175	£1,050	£2,950
08: 131-150	£591	£524	£3,509	£3,354	£824	£206	£274	£1,680	£1,635	£4,730
09: 151-170	£763	£475	£3,333	£3,158	£675	£118	£353	£1,348	£1,175	£4,283
10: 171-190	£455	£221	£2,913	£2,413	£589	£45	£323	£868	£986	£2,971
11: 191-225	£330	£280	£2,330	£2,140	£670	£20	£340	£810	£1,270	£3,480
12: 226-255	£188	£56	£1,544	£1,038	£406	£25	£56	£106	£294	£1,069
13: 256+	£185	£153	£613	£825	£153		£280	£185	£213	£793
14: Eng. Cap. 0-1550	£50		£413	£313	£50	£25		£175	£100	£231
15: Eng. Cap. 1551-1950	£275	£150	£1,150	£788	£263		£88	£188	£525	£1,050
16: Eng. Cap. 1951-2950	£700	£313	£2,619	£2,188	£700	£238	£313	£938	£1,594	£3,081
17: Eng. Cap. 2950+			£300	£250			£100	£100	£200	£350

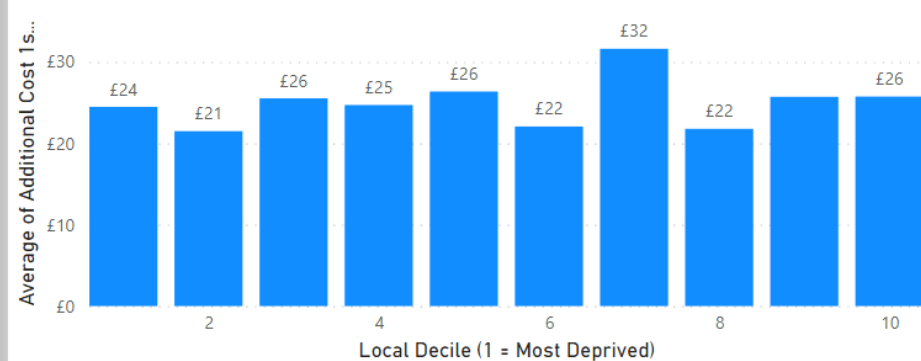
Average additional cost for affected vehicles by banding and local decile (1=most deprived)

Banding	1	2	3	4	5	6	7	8	9	10
17: Eng. Cap. 2950+			£100	£125			£100	£100	£100	£117
16: Eng. Cap. 1951-2950	£100	£104	£105	£104	£100	£119	£104	£104	£100	£103
15: Eng. Cap. 1551-1950	£69	£50	£68	£66	£88		£88	£63	£88	£70
14: Eng. Cap. 0-1550	£25		£29	£31	£25	£25		£25	£25	£29
13: 256+	£46	£38	£41	£39	£38		£56	£46	£35	£38
12: 226-255	£38	£56	£41	£36	£41	£25	£56	£35	£37	£45
11: 191-225	£28	£35	£31	£30	£34	£20	£31	£34	£36	£33
10: 171-190	£30	£25	£27	£27	£27	£15	£32	£28	£27	£28
09: 151-170	£17	£15	£19	£20	£23	£13	£22	£18	£21	£21
08: 131-150	£12	£11	£13	£13	£13	£14	£15	£11	£12	£14
07: 111-130	£6	£6	£7	£8	£8	£8	£2	£7	£7	£8
06: 101-110	£7	£8	£7	£9	£6	£8	£6	£7	£6	£8
05: 91-100	£4	£9	£9	£9	£9	£25	£0	£7	£8	£6
04: 76-90	£6	£6	£8	£13	£15	£25	£25	£18	£7	£11
03: 51-75	£0	£0	£0	£0	£0		£0	£0	£0	£0
02: 1-50	£0	£0	£0	£0	£0		£0	£0	£0	£0
01: 0	£-50	£-50	£-50	£-50	£-50	£-50	£-50	£-50	£-50	£-50

Total additional cost by banding and local decile (1=most deprived)



Average additional cost for affected vehicles by local decile (1=most deprived)



**Figure 2: Total and average increase in charges for affected vehicles by CO2 emissions band against Lower Super Output Area (Indices of Deprivation (2019))**