

Appendix B1;

Calculations for Parking stress within Merton CPZ's

For the fair analysis of the number of permits issued against number of available spaces, Disabled Bays and Pay and display bays have been discounted.

Full Day and Half Day Visitor Permits are a rolling number of purchased permits with a 20 year expiry. They may not be regularly used as they have no expiry date. The number of active permits does not reflect the annual purchase amount. The average annual amount taken over the last three years is 10% of the current permit recorded value. Whilst we cannot measure how many of these are used, a rating of 10% of those permits issued is anticipated to be a fair reflection for the purposes of creating a robust mathematical calculation.

For this calculation the mathematical value of 0.01 has been applied to Full Day Visitor Permits and for the Half Day Permits a mathematical value of 0.005.

Annual Visitor permits are less likely to be used every day but cannot be assumed that they would only be used one day a week. Therefore an estimated use in the majority of cases is 50% represented by mathematical figure 0.5

Business permits carry the full value 1.0 Business address permits also carry a full value 1.0.

Residents Permits full value 1.0. Resident address permits are also counted as 1.0, as are Teacher permits.

Full zone details in appendix B:

46 Zones in order of Implementation.

CPZ Full List Permits and Bays – Valid at February 2018

(After all calculations applied)

Zones	Number of available Bays	Number of Permits (After Equations applied)	Number of Permits per bay	Current Zone Performance Capacity Low Below 1.75 / High between 1.75 and 2.5 / Exceeded Above 2,5
A1	519	667.5	1.286127168	1.3
2F	300	443.65	1.478833333	1.5
3E	1402	2114.5	1.495403112	1.5
3F	381	604.15	1.585695538	1.6
4F	276	362.6	1.313768116	1.3
S1	661	1015.4	1.508766716	1.5
VC	38	422.8	2.781578947	2.8
VoN	298	361.15	1.071661721	1.1
W1	293	418.2	1.427303754	1.4
W2	194	320.05	1.649742268	1.6
W3	366	456.7	1.16505102	1.2
W4	572	1249.35	2.184178322	2.2
W5	87	233.9	2.688505747	2.7

W6	224	180.55	0.806026786	0.8
P1	463	668.8	1.444492441	1.4
P2S	892	814.65	0.913284753	0.9
VoS	150	245.15	0.729613095	0.7
5F	1348	1657.5	1.229599407	1.2
M1	146	168.545	1.154417808	1.2
M2	655	392.705	0.599549618	0.6
VoT	273	461.77	1.63748227	1.6
P3	415	477	1.14939759	1.1
S2	576	872.05	1.513975694	1.5
S3	608	485.35	0.798273026	0.8
CW	1847	2054.1	1.112127775	1.1
VN	259	203.75	0.780651341	0.8
P2	672	893.59	1.329747024	1.3
MP1	612	525.55	0.85874183	0.9
GC	916	959.5	1.047489083	1.0
MT	148	62.45	0.421959459	0.4
RP	318	333.65	1.049213836	1.05
RPN	209	294.95	1.411244019	1.4
RPS	350	642.05	1.834428571	1.8
SW	205	212.9	1.038536585	1.0
H1	225	326	1.448888889	1.4
H2	300	415.9	1.386333333	1.4
W7	474	440.15	0.928586498	0.9
VNE	171	114.55	0.669883041	0.7
CL/CH	44	25.7	0.584090909	0.6
M3	21	20.25	0.964285714	1.0
VSW	81	74.2	0.916049383	0.9
MP1Ext	263	169.05	0.642775665	0.6
A1 Ext	18	3.35	0.186111111	0.2
MTC	237	239.75	1.011603376	1.0
RPC1	152	76.9	0.505921053	0.5
RPC	715	404.45	0.565664336	0.6
Total	19774	23587	1.19	1.18