

Supplementary Table 1: Tobacco retail outlets by business type and area-level deprivation quintile sorted by total number.

Business Type	Most				Least	
	deprived	2	3	4	deprived	Total
Convenience Store (under 280m ²)	928	823	798	523	318	3390
Newsagents	375	376	308	207	119	1385
Public House	160	266	297	149	83	955
Forecourt Garage	90	155	141	136	99	621
Liquor store (no grocery sales)	196	138	92	56	55	537
Supermarket (over 280m ²)	102	126	101	86	74	489
Other catering (e.g. café, take-away)	122	108	76	37	36	379
Other retail (e.g. discount stores, post offices, home-goods stores)	95	118	88	49	26	376
Hotel	16	60	129	102	46	353
Restaurant	25	30	21	22	13	111
Sports Club (e.g. football; cricket; bowling; golf clubs)	18	15	26	32	18	109
Private Club (e.g. ex-serviceman's club; social club; masonic lodge)	17	27	18	22	11	95
Entertainment venue (e.g. casino, bingo hall, cinema, caravan park)	12	22	21	19	5	79
Nightclub	11	19	30	12	4	76
Bulk suppliers (e.g. wholesaler)	9	10	11	14	5	49
Specialist tobacconists	7	10	3	3	0	17
Mobile trader	2	1	0	0	0	3

Supplementary Table 2: Estimated tobacco outlet density (retailers per 1,000 pop per km²) by area-level deprivation quintile and across all income quintiles.

Policy	Most deprived	2	3	4	Least deprived	All quintiles
Baseline	10.29 (9.78--10.79)	9.33 (8.8--9.86)	7.83 (7.20--8.45)	6.05 (5.43--6.66)	4.50 (4.04--4.96)	7.60 (7.35--7.85)
Frequent purchases	2.74 (2.55--2.94)	2.66 (2.42--2.90)	2.56 (2.26--2.87)	2.00 (1.70--2.30)	1.52 (1.29--1.75)	2.3 (2.18--2.41)
On-Sales	8.50 (8.11--8.89)	7.37 (6.99--7.75)	5.83 (5.42--6.24)	4.53 (4.13--4.93)	3.37 (3.06--3.67)	5.92 (5.75--6.09)
Liquor store	0.91 (0.84--0.98)	0.65 (0.59--0.71)	0.53 (0.46--0.59)	0.45 (0.39--0.52)	0.37 (0.31--0.42)	0.58 (0.55--0.61)
Pharmacy	1.54 (1.45--1.63)	1.37 (1.29--1.46)	1.02 (0.94--1.09)	0.85 (0.78--0.92)	0.65 (0.59--0.71)	1.09 (1.05--1.12)
Cap National Av	4.73 (4.55--4.91)	4.29 (4.11--4.47)	3.52 (3.33--3.72)	2.81 (2.61--3.00)	2.4 (2.22--2.57)	3.55 (3.46--3.64)
Cap Least Deprived	3.33 (3.2--3.46)	3.04 (2.91--3.16)	2.47 (2.33--2.61)	1.92 (1.79--2.06)	1.69 (1.57--1.82)	2.49 (2.43--2.55)
Reduce clusters	1.26 (1.17--1.35)	1.39 (1.29--1.49)	1.29 (1.19--1.39)	1.02 (0.92--1.12)	0.86 (0.77--0.94)	1.16 (1.12--1.21)
Min Spacing	3.70 (3.60--3.80)	3.35 (3.25--3.45)	2.69 (2.58--2.79)	2.06 (1.96--2.16)	1.80 (1.7--1.89)	2.72 (2.67--2.77)
School	5.01 (4.68--5.35)	4.50 (4.15--4.85)	3.91 (3.55--4.28)	3.05 (2.64--3.46)	2.39 (2.08--2.69)	3.77 (3.61--3.93)
Child Spaces	2.04 (1.84--2.24)	1.97 (1.68--2.27)	1.57 (1.3--1.83)	1.36 (1.02--1.7)	1.22 (0.97--1.46)	1.63 (1.51--1.75)
Small local	3.60 (3.37--3.83)	3.56 (3.30--3.83)	3.34 (3--3.67)	2.6 (2.27--2.93)	2.03 (1.78--2.28)	3.02 (2.90--3.15)
Supermarket	0.46 (0.41--0.50)	0.47 (0.42--0.51)	0.42 (0.38--0.46)	0.32 (0.28--0.36)	0.27 (0.24--0.30)	0.39 (0.37--0.40)