

Appendix A

Table 1: Characteristics of the study population.

	Population without prior mental diagnosis n (%)	Population with SMD n (%)
All	29,783 (80.6%)	7,162 (19.4%)
Previously attempted smoking cessation		
Yes	17,966 (60.3%)	2,985 (55.9%)
No	11,227 (37.7%)	2,985 (41.7%)
Heavy smoker ^b		
Yes	22,044 (74.0%)	5,770 (80.6%)
No	7,032 (23.6%)	878 (17.4%)
Unknown	707 (2.4%)	149 (2.1%)
Smoking		
<20 pack years	9,355 (31.4%)	2,106 (29.4%)
≥20 pack years	19,461 (65.3%)	4,798 (67.0%)
Fagerström score ^a 0-6	23,100 (77.6%)	4,191 (58.5%)
Fagerström score 7-10	6,683 (22.4%)	2,971 (41.5%)
<20 cigarettes per day	13,842 (46.5%)	2,430 (33.9%)
≥20 cigarettes per day	15,941 (53.5%)	4,732 (66.1%)
Age (years)		
18-24	1,304 (4.4%)	389 (5.4%)
25-34	3,423 (11.5%)	1,064 (14.9%)
35-44	5,661 (19.0%)	1,388 (19.4%)
45-54	7,579 (25.5%)	1,877 (26.2%)
55-64	7,098 (23.8%)	1,668 (23.3%)
65+	4,718 (15.8%)	776 (10.8%)
Sex		
Men	12,278 (41.2%)	2,937 (41.0%)
Women	17,505 (58.8%)	4,225 (59.0%)
Living with smoker		
Yes	10,129 (34.0%)	1,917 (26.8%)
No	19,389 (65.0%)	5,168 (72.2%)
Unknown	265 (0.9%)	77 (1.1%)
Medication ^c offered for free		
Yes	13,526 (45.4%)	3,632 (50.7%)
No	12,880 (43.3%)	3,115 (43.5%)
Unknown	3,377 (11.3%)	415 (5.8%)
Compliant with programme ^d		
Yes	18,712 (62.8%)	3,684 (51.4%)
No	10,661 (35.8%)	3,393 (47.4%)
Unknown	410 (1.4%)	85 (1.2%)
Recommendation by healthcare staff ^e		
Yes	17,078 (57.3%)	4,690 (65.5%)
No	11,322 (38.0%)	2,162 (30.2%)
Unknown	1,383 (4.6%)	310 (4.3%)
Disadvantaged ^g		
Yes	10,178 (34.2%)	4,128 (57.6%)
No	18,451 (62.0%)	2,746 (38.3%)
Unknown	1,154 (3.9%)	288 (4.0%)
Education level [†]		
Low	7,979 (26.8%)	2,448 (34.2%)
Medium	6,257 (21.0%)	1,430 (20.0%)
High	14,532 (48.8%)	2,971 (41.5%)
Unknown	1,015 (3.4%)	313 (4.4%)
Employment		
Employed	18,079 (60.7%)	2,480 (34.7%)

Unemployed	3,964 (13.3%)	3,055 (42.7%)
Student	1,174 (3.9%)	428 (6.0%)
Retired	5,747 (19.3%)	967 (13.5%)
Unknown	819 (2.68%)	230 (3.2%)
Setting		
Municipality	22,653 (76.0%)	5,636 (78.7%)
Pharmacy	4,522 (15.2%)	938 (13.1%)
Hospital	1,943 (6.5%)	514 (7.2%)
Other	665 (2.2%)	74 (1.0%)
Programme format		
Individual	4,858 (16.3%)	1,813 (25.3%)
Group	24,925 (83.7%)	5,347 (74.7%)
Unknown	0 (0.0%)	2 (0.0%)
GSP year		
2006	3,628 (12.1%)	460 (6.4%)
2007	4,210 (14.1%)	538 (7.5%)
2008	3,332 (11.2%)	570 (8.0%)
2009	3,203 (10.8%)	669 (9.3%)
2010	3,063 (10.3%)	698 (9.8%)
2011	2,123 (7.1%)	526 (7.3%)
2012	1,882 (6.3%)	505 (7.0%)
2013	1,256 (4.2%)	422 (5.9%)
2014	1,264 (4.2%)	450 (6.3%)
2015	2,489 (8.4%)	992 (13.9%)
2016	3,333 (11.2%)	1,332 (18.6%)

- a) Fagerström score: a standard for quantifying nicotine addiction.
- b) Heavy smoker: defined as having ≥ 20 pack years, a Fagerström score of ≥ 7 points and/or a daily consumption of ≥ 20 cigarettes.
- c) Free medication: Either nicotine replacement therapy, varenicline or bupropion.
- d) Compliance: defined as having participated in at least 75% of the planned meeting sessions.
- e) Healthcare staff: doctors, nurses, nurses' assistants.
- f) Education level: low: ≤ 12 years of school, medium: > 12 years of school but < 3 years of higher education, high: ≥ 3 years of higher education.
- g) Disadvantaged: ≤ 12 years of school and/or unemployed.