

Derived Variables of the International Tobacco Control (ITC) Survey(s)

M. Grey^{1,2}

This document describes the various derived variables deployed throughout International Tobacco Control (ITC) Survey(s). This file is a living document which will evolve over time. The last revision of this file was in July 2022.

¹Data Management Core (DMC) – ITC Project, University of Waterloo.

²Dept. of Psychology, University of Waterloo.

³This document was created using L^AT_EX

Contents

1	Background Information	10
1.1	Introduction	10
1.2	Data Structure	12
1.3	Common Variable Naming Convention	14
1.4	Missing and Non-Response Coding	15
1.5	A Note about Core Datasets	15
1.6	Participation Variables	15
2	Key Derived Variables	17
2.1	FR309V	17
2.2	CPD, TTF, and HSI	18
3	Active Projects	19
3.1	ITC 4CV	19
3.1.1	4CV Core	19
3.1.2	ITC 4CV1	24
3.1.3	ITC 4CV2	31
3.1.4	ITC 4CV3	43
3.2	France 2 FRA	58
3.2.1	FRA Core	58
3.2.2	France FRA1	60
3.3	Spain 2.5 ES	66
3.3.1	ES Core	66
3.3.2	Spain ES25	69
3.4	India IN	72
3.4.1	IN Core	72
3.4.2	India IN1	75
3.4.3	India IN2	82
3.4.4	India IN3	87
3.5	Japan JP	94
3.5.1	JP Core	94
3.5.2	Japan JP1	103
3.5.3	Japan JP2	107
3.5.4	Japan JP3	115
3.5.5	Japan JP4	123
3.6	Kenya KE	133
3.6.1	KE Core	133
3.6.2	Kenya KE1	135
3.6.3	Kenya KE2	138
3.7	Korea 3 KRA	142
3.7.1	KRA Core	142
3.7.2	Korea KRA1	144

3.7.3	Korea KRA2	153
3.8	Malaysia MYS	162
3.8.1	MYS Core	162
3.8.2	Malaysia MYS1	164
3.9	Netherlands 2 NLD	170
3.9.1	NLD Core	170
3.9.2	Netherlands NLD1	176
3.9.3	Netherlands NLD2	179
3.9.4	Netherlands NLD3	182
3.10	New Zealand 2 NZL	186
3.10.1	NZL Core	186
3.10.2	New Zealand NZL1	188
3.10.3	New Zealand NZL2	191
3.10.4	New Zealand NZL3	195
3.10.5	New Zealand NZL3.5	200
4	Archived Projects	203
4.1	4 Country 4C	203
4.1.1	4C Core	203
4.2	4 Country 4C1	211
4.2.1	4 Country 4C2	216
4.2.2	4 Country 4C3	221
4.2.3	4 Country 4C4	227
4.2.4	4 Country 4C5	234
4.2.5	4 Country 4C6	241
4.2.6	4 Country 4C7	250
4.2.7	4 Country 4C7.5	259
4.2.8	4 Country 4C8	267
4.2.9	4 Country 4C8.5	305
4.2.10	4 Country 4C9	311
4.2.11	4 Country 4C10	322
4.3	6 European Country 6E	331
4.3.1	6E Core	331
4.3.2	6 European Country 6E1	333
4.3.3	6 European Country 6E2	336
4.4	Bangladesh BD	341
4.4.1	BD Core	341
4.4.2	Bangladesh BD1	351
4.4.3	Bangladesh BD2	353
4.4.4	Bangladesh BD3	355
4.4.5	Bangladesh BD4	363
4.5	Brazil BR	372
4.5.1	BR Core	372
4.5.2	Brazil BR1	374
4.5.3	Brazil BR2	376

4.5.4	Brazil BR3	378
4.6	Bhutan BT	383
4.6.1	BT Core	383
4.6.2	Bhutan BT1	385
4.7	China CN	387
4.7.1	CN Core	387
4.7.2	China CN1	389
4.7.3	China CN2	393
4.7.4	China CN3	398
4.7.5	China CN4	401
4.7.6	China CN5	404
4.8	Germany DE	408
4.8.1	DE Core	408
4.8.2	Germany DE1	411
4.8.3	Germany DE2	414
4.8.4	Germany DE3	417
4.9	France 1 FR	421
4.9.1	FR Core	421
4.9.2	France FR1	426
4.9.3	France FR2	431
4.9.4	France FR3	435
4.10	Ireland-Scotland-United Kingdom IES	442
4.10.1	IES Core	442
4.10.2	Ireland-Scotland-United Kingdom IES1	446
4.10.3	Ireland-Scotland-United Kingdom IES2	451
4.10.4	Ireland-Scotland-United Kingdom IES3	455
4.10.5	Ireland-Scotland-United Kingdom IES4	461
4.11	KOREA 1 KR	468
4.11.1	KR Core	468
4.11.2	KOREA KR1	471
4.11.3	KOREA KR2	476
4.11.4	KOREA KR3	480
4.12	KOREA 2 KOR	485
4.12.1	KOR Core	485
4.12.2	KOREA KOR1	487
4.13	Mauritius MU	491
4.13.1	MU Core	491
4.13.2	Mauritius MU1	493
4.13.3	Mauritius MU2	495
4.13.4	Mauritius MU3	497
4.14	Mexico MX	501
4.14.1	MX Core	501
4.14.2	Mexico MX1	503
4.14.3	Mexico MX2	506
4.14.4	Mexico MX3	508

4.14.5	Mexico MX4	511
4.14.6	Mexico MX5	514
4.14.7	Mexico MX6	517
4.14.8	Mexico MX7	520
4.15	Netherlands 1 NL	524
4.15.1	NL Core	524
4.15.2	Netherlands NL1	528
4.15.3	Netherlands NL2	531
4.15.4	Netherlands NL3	533
4.15.5	Netherlands NL4	535
4.15.6	Netherlands NL5	537
4.15.7	Netherlands NL6	539
4.15.8	Netherlands NL7	541
4.15.9	Netherlands NL8	543
4.15.10	Netherlands NL9	546
4.15.11	Netherlands NL10	549
4.15.12	Netherlands NL11	552
4.16	New Zealand 1 NZ	556
4.16.1	NZ Core	556
4.16.2	New Zealand NZ1	558
4.16.3	New Zealand NZ2	564
4.17	South East Asia SEA	570
4.17.1	SEA Core	570
4.17.2	South East Asia SEA1	574
4.17.3	South East Asia SEA2	591
4.17.4	South East Asia SEA3	593
4.17.5	South East Asia SEA4	597
4.17.6	South East Asia SEA5	600
4.17.7	South East Asia SEA6	603
4.18	Uruguay UY	608
4.18.1	UY Core	608
4.18.2	Uruguay UY1	610
4.18.3	Uruguay UY2	612
4.18.4	Uruguay UY3	615
4.18.5	Uruguay UY4	618
4.18.6	Uruguay UY5	621
4.19	Zambia ZM	626
4.19.1	ZM Core	626
4.19.2	Zambia ZM1	628
4.19.3	Zambia ZM2	634

List of Tables

- 1 List of sub-projects that comprise the ITC Project. 11
- 2 ITC Projects - Available Data 13
- 3 Derived Variables for the core dataset at wave 3 of the ITC (4CV) Survey. 20
- 4 Derived Variables for wave 1 of the ITC (4CV) Survey. (a) 25
- 5 Derived Variables for wave 1 of the ITC (4CV) Survey. (b) 26
- 6 Derived Variables for wave 2 of the ITC (4CV) Survey. (a) 31
- 7 Derived Variables for wave 2 of the ITC (4CV) Survey. (b) 32
- 8 Derived Variables for wave 2 of the ITC (4CV) Survey. (c) 33
- 9 Derived Variables for wave 2 of the ITC (4CV) Survey. (d) 34
- 10 Derived Variables for wave 3 of the ITC (4CV) Survey. (a) 43
- 11 Derived Variables for wave 3 of the ITC (4CV) Survey. (b) 44
- 12 Derived Variables for wave 3 of the ITC (4CV) Survey. (c) 45
- 13 Derived Variables for wave 3 of the ITC (4CV) Survey. (d) 46
- 14 Derived Variables for wave 3 of the ITC (4CV) Survey. (e) 47
- 15 Derived Variables for the core dataset at wave 1 of the ITC France (FRA) Survey. 58
- 16 Derived Variables for wave 1 of the ITC France (FRA) Survey. 61
- 17 Derived Variables for the core dataset at wave 2.5 of the ITC Spain (ES) Survey. 66
- 18 Derived Variables for wave 2.5 of the ITC Spain (ES) Survey. 70
- 19 Derived Variables for the core dataset at wave 1 of the ITC India (IN) Survey. 73
- 20 Derived Variables for wave 1 of the ITC India (IN) Survey. (b) 76
- 21 Derived Variables for wave 1 of the ITC India (IN) Survey. (a) 77
- 22 Derived Variables for wave 2 of the ITC India (IN) Survey. (a) 82
- 23 Derived Variables for wave 2 of the ITC India (IN) Survey. (b) 83
- 24 Derived Variables for wave 3 of the ITC India (IN) Survey. (a) 88
- 25 Derived Variables for wave 3 of the ITC India (IN) Survey. (b) 89
- 26 Derived Variables for the core dataset at wave 4 of the ITC Japan (JP) Survey. 94
- 27 Derived Variables for wave 1 of the ITC Japan (JP) Survey. 104
- 28 Derived Variables for wave 2 of the ITC Japan (JP) Survey. (a) 108
- 29 Derived Variables for wave 2 of the ITC Japan (JP) Survey. (b) 109
- 30 Derived Variables for wave 3 of the ITC Japan (JP) Survey. (a) 116
- 31 Derived Variables for wave 3 of the ITC Japan (JP) Survey. (b) 117
- 32 Derived Variables for wave 4 of the ITC Japan (JP) Survey. (a) 124
- 33 Derived Variables for wave 4 of the ITC Japan (JP) Survey. (b) 125
- 34 Derived Variables for wave 4 of the ITC Japan (JP) Survey. (c) 126
- 35 Derived Variables for the core dataset at wave 1 of the ITC Kenya (KE) Survey. 133
- 36 Derived Variables for wave 2 of the ITC Kenya (KE) Survey. 136
- 37 Derived Variables for wave 2 of the ITC Kenya (KE) Survey. 139
- 38 Derived Variables for the core dataset at wave 1 of the ITC Korea (KRA) Survey. 142
- 39 Derived Variables for wave 1 of the ITC Korea (KRA) Survey. (a) 145
- 40 Derived Variables for wave 1 of the ITC Korea (KRA) Survey. (b) 146
- 41 Derived Variables for wave 2 of the ITC Korea (KRA) Survey. (a) 153
- 42 Derived Variables for wave 2 of the ITC Korea (KRA) Survey. (b) 154
- 43 Derived Variables for the core dataset at wave 1 of the ITC Malaysia (MYS) Survey. 162
- 44 Derived Variables for wave 1 of the ITC Malaysia (MYS) Survey. 165
- 45 Derived Variables for the core dataset at wave 3 of the ITC Netherlands (NLD) Survey. . 171

46	Derived Variables for wave 1 of the ITC Netherlands (NLD) Survey.	177
47	Derived Variables for wave 2 of the ITC Netherlands (NLD) Survey.	180
48	Derived Variables for wave 3 of the ITC Netherlands (NLD) Survey.	183
49	Derived Variables for the core dataset at wave 2 of the ITC New Zealand (NZL) Survey.	186
50	Derived Variables for wave 1 of the ITC New Zealand (NZL) Survey.	189
51	Derived Variables for wave 2 of the ITC New Zealand (NZL) Survey.	192
52	Derived Variables for wave 3 of the ITC New Zealand (NZL) Survey.	195
53	Derived Variables for wave 3.5 of the ITC New Zealand (NZL) Survey.	200
54	Derived Variables for the core dataset at wave 1 of the ITC 4 Country (4C) Survey. (a)	204
55	Derived Variables for the core dataset at wave 1 of the ITC 4 Country (4C) Survey. (b)	205
56	Derived Variables for wave 1 of the ITC 4 Country (4C) Survey.	212
57	Derived Variables for wave 2 of the ITC 4 Country (4C) Survey.	217
58	Derived Variables for wave 3 of the ITC 4 Country (4C) Survey.	222
59	Derived Variables for wave 4 of the ITC 4 Country (4C) Survey. (a)	228
60	Derived Variables for wave 4 of the ITC 4 Country (4C) Survey. (b)	229
61	Derived Variables for wave 5 of the ITC 4 Country (4C) Survey. (a)	235
62	Derived Variables for wave 5 of the ITC 4 Country (4C) Survey. (b)	236
63	Derived Variables for wave 6 of the ITC 4 Country (4C) Survey. (a)	242
64	Derived Variables for wave 6 of the ITC 4 Country (4C) Survey. (b)	243
65	Derived Variables for wave 7 of the ITC 4 Country (4C) Survey. (a)	251
66	Derived Variables for wave 7 of the ITC 4 Country (4C) Survey. (b)	252
67	Derived Variables for wave 7.5 of the ITC 4 Country (4C) Survey. (a)	260
68	Derived Variables for wave 7.5 of the ITC 4 Country (4C) Survey. (b)	261
69	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (a)	268
70	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (b)	269
71	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (c)	270
72	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (d)	271
73	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (e)	272
74	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (f)	273
75	Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (g)	274
76	Derived Variables for wave 8.5 of the ITC 4 Country (4C) Survey. (a)	305
77	Derived Variables for wave 8.5 of the ITC 4 Country (4C) Survey. (b)	306
78	Derived Variables for wave 9 of the ITC 4 Country (4C) Survey. (a)	312
79	Derived Variables for wave 9 of the ITC 4 Country (4C) Survey. (b)	313
80	Derived Variables for wave 9 of the ITC 4 Country (4C) Survey. (c)	314
81	Derived Variables for wave 10 of the ITC 4 Country (4C) Survey. (a)	323
82	Derived Variables for wave 10 of the ITC 4 Country (4C) Survey. (b)	324
83	Derived Variables for the core dataset at wave 2 of the ITC 6 European Country (6E) Survey.	331
84	Derived Variables for wave 1 of the ITC 6 European Country (6E) Survey.	334
85	Derived Variables for wave 2 of the ITC 6 European Country (6E) Survey.	337
86	Derived Variables for the core dataset at wave 4 of the ITC Bangladesh (BD) Survey.	342
87	Derived Variables for wave 1 of the ITC Bangladesh (BD) Survey.	351
88	Derived Variables for wave 2 of the ITC Bangladesh (BD) Survey.	353
89	Derived Variables for wave 3 of the ITC Bangladesh (BD) Survey. (a)	356
90	Derived Variables for wave 3 of the ITC Bangladesh (BD) Survey. (b)	357
91	Derived Variables for wave 4 of the ITC Bangladesh (BD) Survey. (a)	364

92	Derived Variables for wave 4 of the ITC Bangladesh (BD) Survey. (b)	365
93	Derived Variables for the core dataset at wave 3 of the ITC Brazil (BR) Survey.	372
94	Derived Variables for wave 1 of the ITC Brazil (BR) Survey.	374
95	Derived Variables for wave 2 of the ITC Brazil (BR) Survey.	376
96	Derived Variables for wave 3 of the ITC Brazil (BR) Survey.	379
97	Derived Variables for the core dataset at wave 1 of the ITC Bhutan (BT) Survey.	383
98	Derived Variables for wave 1 of the ITC Bhutan (BT) Survey.	385
99	Derived Variables for the core dataset at wave 5 of the ITC China (CN) Survey.	387
100	Derived Variables for wave 1 of the ITC China (CN) Survey.	390
101	Derived Variables for wave 2 of the ITC China (CN) Survey. (a)	394
102	Derived Variables for wave 2 of the ITC China (CN) Survey. (b)	395
103	Derived Variables for wave 3 of the ITC China (CN) Survey.	399
104	Derived Variables for wave 4 of the ITC China (CN) Survey.	402
105	Derived Variables for wave 5 of the ITC China (CN) Survey.	405
106	Derived Variables for the core dataset at wave 3 of the ITC Germany (DE) Survey.	408
107	Derived Variables for wave 1 of the ITC Germany (DE) Survey.	412
108	Derived Variables for wave 2 of the ITC Germany (DE) Survey.	415
109	Derived Variables for wave 3 of the ITC Germany (DE) Survey.	418
110	Derived Variables for the core dataset at wave 3 of the ITC France (FR) Survey.	421
111	Derived Variables for wave 1 of the ITC France (FR) Survey.	427
112	Derived Variables for wave 2 of the ITC France (FR) Survey.	432
113	Derived Variables for wave 3 of the ITC France (FR) Survey. (a)	436
114	Derived Variables for wave 3 of the ITC France (FR) Survey. (b)	437
115	Derived Variables for the core dataset at wave 4 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.	442
116	Derived Variables for wave 1 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.	447
117	Derived Variables for wave 2 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.	451
118	Derived Variables for wave 3 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.	456
119	Derived Variables for wave 4 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.	462
120	Derived Variables for the core dataset at wave 3 of the ITC KOREA (KR) Survey.	468
121	Derived Variables for wave 1 of the ITC KOREA (KR) Survey.	472
122	Derived Variables for wave 2 of the ITC KOREA (KR) Survey.	477
123	Derived Variables for wave 3 of the ITC KOREA (KR) Survey.	481
124	Derived Variables for the core dataset at wave 1 of the ITC KOREA (KOR) Survey.	485
125	Derived Variables for wave 1 of the ITC KOREA (KOR) Survey.	487
126	Derived Variables for the core dataset at wave 3 of the ITC Mauritius (MU) Survey.	491
127	Derived Variables for wave 1 of the ITC Mauritius (MU) Survey.	493
128	Derived Variables for wave 2 of the ITC Mauritius (MU) Survey.	495
129	Derived Variables for wave 3 of the ITC Mauritius (MU) Survey.	498
130	Derived Variables for the core dataset at wave 7 of the ITC Mexico (MX) Survey.	501
131	Derived Variables for wave 1 of the ITC Mexico (MX) Survey.	504
132	Derived Variables for wave 2 of the ITC Mexico (MX) Survey.	506
133	Derived Variables for wave 3 of the ITC Mexico (MX) Survey.	509
134	Derived Variables for wave 4 of the ITC Mexico (MX) Survey.	512
135	Derived Variables for wave 5 of the ITC Mexico (MX) Survey.	515
136	Derived Variables for wave 6 of the ITC Mexico (MX) Survey.	518
137	Derived Variables for wave 7 of the ITC Mexico (MX) Survey.	521

LIST OF TABLES

LIST OF TABLES

138	Derived Variables for the core dataset at wave 11 of the ITC Netherlands (NL) (a) Survey.	524
139	Derived Variables for the core dataset at wave 11 of the ITC Netherlands (NL) (b) Survey.	525
140	Derived Variables for wave 1 of the ITC Netherlands (NL) Survey.	529
141	Derived Variables for wave 2 of the ITC Netherlands (NL) Survey.	531
142	Derived Variables for wave 3 of the ITC Netherlands (NL) Survey.	533
143	Derived Variables for wave 4 of the ITC Netherlands (NL) Survey.	535
144	Derived Variables for wave 5 of the ITC Netherlands (NL) Survey.	537
145	Derived Variables for wave 6 of the ITC Netherlands (NL) Survey.	539
146	Derived Variables for wave 7 of the ITC Netherlands (NL) Survey.	541
147	Derived Variables for wave 8 of the ITC Netherlands (NL) Survey.	544
148	Derived Variables for wave 9 of the ITC Netherlands (NL) Survey.	547
149	Derived Variables for wave 10 of the ITC Netherlands (NL) Survey.	550
150	Derived Variables for wave 11 of the ITC Netherlands (NL) Survey.	553
151	Derived Variables for the core dataset at wave 2 of the ITC New Zealand (NZ) Survey.	556
152	Derived Variables for wave 1 of the ITC New Zealand (NZ) Survey. (a)	558
153	Derived Variables for wave 1 of the ITC New Zealand (NZ) Survey. (b)	559
154	Derived Variables for wave 2 of the ITC New Zealand (NZ) Survey.	565
155	Derived Variables for the core dataset at wave 1 of the ITC South East Asia (SEA) Survey.	570
156	Derived Variables for wave 1 of the ITC South East Asia (SEA) Survey. (a)	575
157	Derived Variables for wave 1 of the ITC South East Asia (SEA) Survey. (b)	576
158	Derived Variables for wave 1 of the ITC South East Asia (SEA) Survey. (c)	577
159	Derived Variables for wave 2 of the ITC South East Asia (SEA) Survey.	591
160	Derived Variables for wave 3 of the ITC South East Asia (SEA) Survey.	594
161	Derived Variables for wave 4 of the ITC South East Asia (SEA) Survey.	598
162	Derived Variables for wave 5 of the ITC South East Asia (SEA) Survey.	601
163	Derived Variables for wave 6 of the ITC South East Asia (SEA) Survey.	604
164	Derived Variables for the core dataset at wave 5 of the ITC Uruguay (UY) Survey.	608
165	Derived Variables for wave 1 of the ITC Uruguay (UY) Survey.	610
166	Derived Variables for wave 2 of the ITC Uruguay (UY) Survey.	613
167	Derived Variables for wave 3 of the ITC Uruguay (UY) Survey.	616
168	Derived Variables for wave 4 of the ITC Uruguay (UY) Survey.	619
169	Derived Variables for wave 5 of the ITC Uruguay (UY) Survey.	622
170	Derived Variables for the core dataset at wave 2 of the ITC Zambia (ZM) Survey.	626
171	Derived Variables for wave 1 of the ITC Zambia (ZM) Survey. (a)	629
172	Derived Variables for wave 1 of the ITC Zambia (ZM) Survey. (b)	630
173	Derived Variables for wave 2 of the ITC Zambia (ZM) Survey.	635

1 Background Information

1.1 Introduction

The International Tobacco Control (ITC) Project contains numerous derived variables throughout the numerous sub-projects. A derived variable is a variable that has been calculated or derived based on value of other variables.

Some derived variables are calculated in the programming of a survey by the survey firm. A good example of this is [FR309v](#) which calculates a respondents smoking status, which is used for routing within a survey. For example, a survey firm would need to define a smoker as a smoker and a non-smoker as a non-smoker, in order to ensure that they are asked appropriate questions.

Other variables are calculated by analysts while processing the data. These are typically variables which are useful for analysis, a good example would be a standardized (low-medium-high) education or income level.

Some derived variables are modifications to collected data, where they would do something like for example, recode a variable or do something like cap the value of a continuous variable to suppress outliers in the data. Another type would be a categorical version of a continuous variable, this would be done to facilitate analysis.

This document attempts to provide information pertaining to derived variables for each ITC project.

As a starting point, the sources of information for this document have been the ITC Automatic survey documents and the SPSS versions of the datasets that have been posted. The SPSS version was used as it allowed to quickly open and view the list of variables and their properties. These two sources allow for at the very minimum to have the data labels and formats for each derived variable. More information was available for derived variables calculated in the survey programming while Analyst calculated derived variables, at least to start with, have less information in this document.

Project Code	Project Name
4C	ITC 4 Country (ITC 4C) Survey - Canada, United States, United Kingdom and Australia
4CV	ITC 4 Country Cigarette and Vaping (ITC 4CV) Survey - Canada, United States, United Kingdom and Australia
6E	ITC 6 European Country (ITC 6E) Survey - Germany, Greece, Hungary, Poland, Romania and Spain
BD	ITC Bangladesh (ITC BD) Survey
BR	ITC Brazil (ITC BR) Survey
BT	ITC Bhutan (ITC BT) Survey
CN	ITC China (ITC CN) Survey
DE	ITC Germany (ITC DE) Survey
FR	ITC France (1st Cohort) (ITC FR) Survey
FRA	ITC France (2nd Cohort) (ITC FRA) Survey
IES	ITC Ireland-Scotland-United Kingdom (ITC IES) Survey
IN	ITC India (ITC IN) Survey
JP	ITC Japan (ITC JP) Survey
KE	ITC Kenya (ITC KN) Survey
KR	ITC Korea (1st Cohort) (ITC KR) Survey
KOR	ITC Korea (2nd Cohort) (ITC KOR) Survey
KRA	ITC Korea (3rd Cohort) (ITC KRA) Survey
MU	ITC Mauritius (ITC MU) Survey
MX	ITC Mexico (ITC MX) Survey
MYS	ITC Malaysia (2nd Cohort) (ITC MYS) Survey
NL	ITC Netherlands (1st Cohort) (ITC NL) Survey
NLD	ITC Netherlands (2nd Cohort) (ITC NLD) Survey
NZ	ITC New Zealand (1st Cohort) (ITC NZ) Survey
NZL	ITC New Zealand (2nd Cohort) (ITC NZL) Survey
SEA	ITC South East Asia (Malaysia and Thailand) (ITC SEA) Survey
UY	ITC Uruguay (1st Cohort) (ITC UY) Survey
ZM	ITC Zambia (ITC ZM) Survey

Table 1: List of sub-projects that comprise the ITC Project.

1.2 Data Structure

ITC projects are generally organized into one core data set and a wave data set for each wave of data collection. The core data set would contain a record for each respondent ever recruited in the project (across all waves). In the core data you would find data collected at recruitment that should not change (such as wave of recruitment, age at recruitment, sex, strata, etc...) as well as fields that indicate which waves a respondent participated in (inM# and inP# fields which will be described in more detail [here](#)). The core data set is crucial as it controls where any records have been excluded in a given wave and for linking wave data sets together using *uniqid*. *Uniqid* is the common identifier used within projects to link Core and Wave data sets. Wave data sets contain all fields collected during data collection as well as any derived variables added during data processing.

All projects sample Adult Smokers but in some countries there are other sampling groups for non-smokers (or non-tobacco users) or youth. In these cases the core plus waves structure is repeated into it's own set of non-smoker core and non-smoker wave data sets.

Any SAS user will also require an additional formats data set that needs to be applied to the core and data sets prior to analysis. This data set simply contains variable and response option label formatting information. Stata and SPSS users do not need to worry about this extra step, as formats are already embedded in the core and wave data sets before posting.

Project Code	Country	Sample Composition	Available Data	Survey Prefix
4C	Canada, United States, United Kingdom and Australia	Smokers	Waves 1 to 10	00
4CV	Canada, United States, United Kingdom and Australia	Smokers and Vapers	Waves 1 to 3	00
6E	Germany, Greece, Hungary, Poland, Romania, and Spain	Smokers	Waves 1 to 2	49
BD	Bangladesh	W1-2: Smokers & Non-smokers; W3-4: Users & Non-users	Waves 1 to 4	62
BR	Brazil	Smokers	Waves 1 to 3	57
BT	Bhutan	Smokers & Non-smokers	Wave 1	64
CN	China	Smokers & Non-smokers	Waves 1 to 5	31
DE	Germany	Smokers & Non-smokers	Waves 1 to 3	44
ES	Spain	Smokers & Quitters	Wave 2.5*	46
FR	France (1)	Smokers & Non-smokers	Waves 1 to 3	41
FRA	France (2)	Smokers	Wave 1	41
IES	Ireland/Scotland/UK	Smokers & Non-smokers	Waves 1 to 4	40
IN	India	Tobacco Users & Non-Users	Waves 1 to 3	61
JP	Japan	Cig Only/HNB Only/Dual/Non-User	Waves 1 to 4	23
KE	Kenya	Smokers & Non-smokers	Waves 1 & 2	72
KR	Korea (1)	Smokers	Waves 1 to 3	21
KOR	Korea (2)	Smokers	Wave 1	21
KRA	Korea (3)	Cigarette Only/HTP Only/ECig Only/Cig &HTP/ Cig&Ecig/HTP&Ecig/Triple/Quitters/Non-Users	Wave 1 to 2	21
MU	Mauritius	Smokers & Non-smokers	Waves 1 to 3	73
MX	Mexico	Smokers	Waves 1 to 7	51
MYS	Malaysia	Smokers	Wave 1	11
NL	Netherlands (1)	Smokers	Waves 1 to 11	42
NLD	Netherlands (2)	Smokers	Waves 1 to 4	42
NZ	New Zealand (1)	Smokers	Waves 1 & 2	00
NZL	New Zealand (2)	Smokers	Waves 1, 2,3 and 3.5	08
SEA	Southeast Asia - Thailand and Malaysia	Smokers & Non-smokers & Youth	Waves 1 to 6	11 & 12 (youth)
UY	Uruguay	Smokers	Waves 1 to 5	52
ZM	Zambia	Tobacco Users & Non-users	Waves 1 to 2	74

* ES 2.5 is a continuation of 6E for Spain only. It uses the same cohort of respondents from Wave 1 and Wave 2 of 6E with additional replenishment sample.

Table 2: ITC Projects - Available Data

1.3 Common Variable Naming Convention

ITC participants are asked many questions about their smoking behaviors, opinions and attitudes toward tobacco control policies, which results in a large number of variables in any one data set. Survey question variables and variables derived from survey questions follow a common naming convention in all ITC data sets, so that survey questions can be readily identified across data sets and country projects. The exception to this naming convention is the administrative variables, which instead have names that are intended to intuitively describe the variable. For example, the sex of the respondent is indicated by sex, and the country in which the respondent resides is indicated by country, and so on.

The standard ITC variable name format is such that each part of the variable name has a specific meaning. For example, for the variable aDE31212v:

a	wave identifier
DE	domain code
31	country code
212	domain number
v	optional suffix

Wave identifier - The wave identifier is a prefix that corresponds to the wave of the survey in which a variable was collected. 'a' corresponds to Wave 1, 'b' corresponds to Wave 2, etc...

Domain code - The domain code is generally the type of question, in this example, DE is used for Demographic questions. It is difficult to attempt to post a complete list here as they have evolved over time.

Country code - The country code indicates which country data set that a variable comes from. In this example '31' corresponds to the ITC China data set. [4C](#), [4CV](#), [IES](#) and [NZ](#) do not have a country code (i.e., aDE212v vs. aDE31212v); they have an implicit country code of '00'. This variable name format is the default used to describe derived variables throughout this document. [Table 2](#) includes the country codes used throughout ITC surveys.

Domain number - The domain number is there to identify similar questions across projects. It is not always possible, as surveys and question formats vary from country to country but it should point to a country's nearest equivalent in terms of content.

Optional suffix - The most common suffixes are 'v' and 'o', where v refers to a derived or computed variable that has been added to the dataset. In this case, the 'v' suffix on aDE31212v indicates that this China wave 1 income variable has been derived. An 'o' suffix refers to an 'other' response where the respondent can provide an open-ended response to a survey question (e.g., aBR31663o for a second cigarette brand that a respondent might usually smoke).

Other possible suffixes include an alphabetic series of 'a', 'b', 'c' and so on. This type of suffix series is only used in instances where the same survey question may be answered in more than one way, most often by using different units of measurement. For example, for survey question BR501, "About how long have you been smoking [your current brand of cigarettes]?" Respondents may provide their answer in days (BR501a), weeks (BR501b), months (BR501c), or years (BR501d).

Occasionally the suffixes w, x, y, and z are used to refer to the countries in the Four Country study, where the response categories are different – as for income (e.g., DE211wx is income for Canada and the United States; DE211y is income for the United Kingdom, and DE211z for Australia) and education.

1.4 Missing and Non-Response Coding

7 - Not Applicable (NA), 8 - Refused to answer (Ref) and 9 - Don't know (DK), is the coding convention that ITC uses for Non-responses. For instances where there are more than 7 valid response options or for non-responses to open-ended questions, responses are coded with 2 or more -digit NR codes (such as 77, 88, 99 or 777, 888, 999 etc.). Don't know and Refused can be selected by respondents while Not Applicable is coded for any response that should not have asked based on skip patterns within a survey. Responses are coded as system-missing (‘.’) where respondents were not present for a given wave, and also for questions that should have been asked but do not have a code-able response or non-response.

1.5 A Note about Core Datasets

It should be noted that Core Datasets are not static, which is to say they evolve over time as additional waves are added to a study. The participation "in" variables (inM1, inM2, inP2, etc...) that denote whether a respondent was present in a given Wave are added at each wave. Other fields that can be added (mostly in more recent studies) are stratum information or a Respondents age or smoking status at a given time.

1.6 Participation Variables

The participation variables are found in the ITC Core datasets. As studies have evolved over time, it has become more common to only use inMx and inPx variables to indicate whether a respondent should be included in a sample of a given wave of data.

inMx – respondent present in wave x main survey. The inMx series of variables indicates whether a respondent completed the main/cohort survey at wave x, where x represents a wave number, 1, 2, 3, and so on. At wave 1, all participants are part of the main survey. At wave 2 and beyond, all respondents who are successfully recontacted and complete the wave 2 survey are part of the main sample. The response options are:

- 0 Absent from the wave
- 1 Present in the wave
- 7 Not applicable

inPx – respondent present in wave x replenishment survey. The inPx series of variables indicates whether a respondent was present as a new recruit for a given survey (where x represents a wave number, 1, 2, 3, and so on). ITC replaces those respondents who are lost to follow-up, and new

respondents are thus part of the replenishment survey. As such there is no variable inP1 since there is no replenishment survey at wave 1. Respondents become part of the main sample of every wave in which they participate subsequent to the replenishment wave. The response options are identical to those in the inMx series.

The variables inRx and lost are not used in more recent surveys but are on some of the older ones. InRx was used in [ITC 4 Country \(ITC 4C\)](#) and [ITC Korea \(1st Cohort\) \(ITC KR\)](#). Lost was used in [ITC 4 Country \(ITC 4C\)](#), [ITC Bangladesh \(ITC BD\)](#), [ITC Ireland-Scotland-United Kingdom \(ITC IES\)](#), [ITC India \(ITC IN\)](#), [ITC Mauritius \(ITC MU\)](#), [ITC South East Asia \(Malaysia and Thailand\) \(ITC SEA\)](#) and [ITC Zambia \(ITC ZM\)](#)

inRx – respondent present in wave x recruitment survey. The inRx series of variables indicates those who were recruited at any given wave (where x represents a wave number, 1, 2, 3, and so on). All of those who are present in the replenishment sample are necessarily part of the recruitment sample, since they first completed the recruitment screening survey and then participated in the full ITC survey. There is a differentiation between recruitment and replenishment because individuals who participate in the recruitment survey do not necessarily complete the replenishment survey. It is important to note that in most cases, the recruitment survey and the main (or replenishment) survey are combined into a single interview, and as such, inRx is only applicable where recruitment is conducted in a separate interview as in the Four Country Survey. The response options are identical to those in the inMx series.

lost – wave at which respondent was lost to follow up. The variable lost identifies those respondents who were lost to follow-up, and at which wave they were lost, where ‘2’ indicates lost at wave 2, ‘3’ at wave 3, and so on. For participants who continued to participate in the most recent survey wave, this variable is entered as ‘0’.

2 Key Derived Variables

2.1 FR309V

At its core FR309v is the Frequency and Usage (FR) variable that pertains to smoking status. It's derivation is normally taking the variables where a respondent has indicated how much and how often they smoke cigarettes to classify the user as a daily, weekly or monthly smoker.

FR309v has probably been the most important variable in any ITC dataset over the years. It can be found in *(Not in BT, SEA Wave 1 or any non-smoker dataset) almost every ITC dataset and has evolved over time and adapted to fit the needs for different projects around the world. What started as a basic categorization of smokers into Daily, Weekly, and Monthly smokers has grown to include classification for the length of time a person has been a quitter.

No two surveys are identical, so there are various ways that FR309v has been derived. The one component which is almost always present is classification of daily/weekly/monthly frequency of smoking. Two of the exceptions are South East Asia (SEA) and Uruguay (UY) which are two of the older surveys which are split into daily and non-daily. Sometimes, especially in more recent surveys, instead of monthly, a less than weekly option is provided.

The early standard for classification of quitters was a month (or 30 days) or less, 1-6 months and then over 6 months. There were a couple of instances (ie. Bangladesh, France FR wave 1, and Zambia) where the break is 1-5 months and then 6 or more months. Some of the surveys also include an option for unknown quit length or have quit since LSD. The upper bound on quit length has also been tweaked in more recent surveys, in some to go up to a year (Brazil, France FR wave 3, India, Korea KR, Netherlands NL later waves, and New Zealand NZL) and then others to go up to 2 years (Japan, Korea KRA, and Netherlands NLD).

India and Bangladesh also have a similar variable to describe usage of smokeless tobacco products (TF309v). In addition, the recent increase of use of other types of tobacco products has lead to the creation of sister variables in certain countries for e-cigarette/vaping (EC309v: 4CV and Korea) and heat-not-burn (HN309v: 4CV, Japan and Korea) products.

2.2 CPD, TTF, and HSI

The Heavy Smoking Index (HSI) is a measure that combines the amount of cigarettes consumed per day (CPD) with a smokers time to their first cigarette of the day (TTF). The Index goes from 0 to 6, where 0 is low and 6 is high. In order to calculate HSI, a CPD variable (FR250v) that is coded from 0 (10 cigarettes or less per day) to 3 (more than 30 cigarettes per day) is added to a TTF variable (SB013v) coded from 0 (more than 60 minutes) to 3 (5 minutes or less).

Typically in ITC surveys, a respondent identifies themselves as a daily, weekly or monthly smoker - as captured by [FR309v](#). If the respondent is a daily smoker, they are asked how many cigarettes they smoke per day (FR216). Similarly for Weekly smokers they are asked how many cigarettes they smoke per week (FR226). Monthly smokers are asked how many cigarettes that they smoke per month (FR236). FR236 is not in some projects (BD, CN, IN, KE, MX, SEA W1-2, UY and ZM), this could be because they were earlier projects or in an area where monthly smokers are not of interest.

FR245v collapses the multiple variables into one single continuous cigarettes per day variable. To convert the weekly and monthly responses to a daily value they are divided by 7 and 30 respectively. This can leave some values greater than zero but less than one (for example once per month is 0.03).

FR250v takes the values from FR245v and groups them into CPD categories. Some of the older value labels may have misled, but generally the categories are:

- 0 10 or Less
- 1 11-20
- 2 21-30
- 3 More than 30

As the calculation contains division and rounding, a value with a decimal is considered in the higher category. For example 10.4 is categorized as 11-20.

SB013v is in most cases, the derived variable for TTF. Occasionally it is SB012v (6E, FRA, MU, MYS). In earlier studies, as with CPD, the survey respondents were asked to provide an open ended number of minutes that it usually takes them to have a cigarette. In a few studies, respondents were asked in relation to when they used the toilet (BD, CH, KOR, MX, SEA and UY). The question has evolved into a form that just gives respondents the target categories, which are:

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

3 Active Projects

For the purposes of this document, active projects are projects that have had data collections since 2018.

3.1 ITC 4CV

As of Summer 2021, the International Tobacco Control (ITC) 4-Country Cigarette and Vaping Survey (4CV) has completed 3 waves of data collection in Australia, Canada, England, and the United States of America. It is a successor to the ITC 4 Country (4C) survey which was revised to place a greater emphasis on vaping as its use has increased over time.

3.1.1 4CV Core

Variable Name	Description
country	ITC Country Code : 1(CA) 2(US) 3(UK) 4(AU)
gender	Gender of Respondent at Recruitment
RECage	Age at Recruitment of Respondent (Continuous)
RECagegrp	Age at Recruitment of Respondent (Categorical)
cohort4CV	Wave of Recruitment of Respondent in 4CE Survey
cohort4C	Wave of Recruitment of Respondent in 4C Survey
in4C	Respondent in 4C Survey
ethnic	Ethnicity of Respondent
invM1	Respondent present in Wave 1 main
invM2	Respondent present in Wave 2 recontact
invP2	Respondent present in Wave 2 replenishment
invM3	Respondent present in Wave 3 recontact
invP3	Respondent present in Wave 3 replenishment
moved	Respondent moved between waves
kStrata	Strata of Respondent at Wave 1
lStrata	Strata of Respondent at Wave 2
mStrata	Strata of Respondent at Wave 3
kDivision	US Census Bureau-designated division at Wave 1
lDivision	US Census Bureau-designated division at Wave 2
mDivision	US Census Bureau-designated division at Wave 3
kRegion	US Census Bureau-designated Region at Wave 1
lRegion	US Census Bureau-designated Region at Wave 2
mRegion	US Census Bureau-designated Region at Wave 3
kcaFrench	French Interview (Canada) at Wave 1
lcaFrench	French Interview (Canada) at Wave 2
mcaFrench	French Interview (Canada) at Wave 3

Table 3: Derived Variables for the core dataset at wave 3 of the ITC (4CV) Survey.

3.1 ITC 4CV

3 ACTIVE PROJECTS

country - ITC Country Code : 1(CA) 2(US) 3(UK) 4(AU)

1 CA

2 US

3 EN

4 AU

gender - Gender of Respondent at Recruitment

1 Male

2 Female

RECage - Age at Recruitment of Respondent

Continuous

RECagegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55 and up

cohort4CV - Wave of Recruitment of Respondent in 4CE Survey

cohort4C - Wave of Recruitment of Respondent in 4C Survey

in4C - Respondent in 4C Survey

1 Yes

2 No

7 NA

8 Refused

9 Don't know

ethnic - Ethnicity of Respondent

1 white (CA,US & EN) or English only (AU)

2 non-white(CA,US & EN) or non-English (AU)

7 NA

8 Refused

9 Don't know

3.1 ITC 4CV

3 ACTIVE PROJECTS

invM1 - Respondent present in Wave 1 main

invM2 - Respondent present in Wave 2 recontact

invP2 - Respondent present in Wave 2 replenishment

invM3 - Respondent present in Wave 3 recontact

invP3 - Respondent present in Wave 3 replenishment

invM1, invM2, invP2, invM3, and invP3 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

moved - Respondent moved between waves

1 moved between previous 4C survey and Wave 1

2 moved between Wave 1 and Wave 2

3 moved between Wave 2 and Wave 3

4 moved between Wave 3 and Wave 4

5 moved between Wave 1 and Wave 5

kStrata - Strata of Respondent at Wave 1

lStrata - Strata of Respondent at Wave 2

mStrata - Strata of Respondent at Wave 3

kStrata, lStrata and mStrata all have the following values:

101 Maritimes

102 ML

103 QC

104 TO

105 GT

106 ON

107 MB

108 SK

109 AB

110 VR

111 BC

201 New England

202 Mid-Atlantic

203 East North Central

204 West North Central

3.1 ITC 4CV

- 205 South Atlantic
- 206 East South Central
- 207 West South Central
- 208 Mountain
- 209 Pacific
- 301 North East
- 302 Yorkshire & the Humber
- 303 East Midlands
- 304 Eastern
- 305 London
- 306 South East
- 307 South West
- 308 West Midlands
- 309 North West
- 401 NSW+ACT
- 402 VIC
- 403 QLD
- 404 SA
- 405 WA
- 406 TAS
- 407 NT

kDivision - US Census Bureau-designated division at Wave 1

lDivision - US Census Bureau-designated division at Wave 2

mDivision - US Census Bureau-designated division at Wave 3

kDivision, lDivision and mDivision all have the following values:

- 1 New England
- 2 Mid-Atlantic
- 3 East North Central
- 4 West North Central
- 5 South Atlantic
- 6 East South Central
- 7 West South Central
- 8 Mountain
- 9 Pacific

3.1 ITC 4CV

3 ACTIVE PROJECTS

kRegion - US Census Bureau-designated Region at Wave 1

lRegion - US Census Bureau-designated Region at Wave 2

mRegion - US Census Bureau-designated Region at Wave 3

kRegion, lRegion and mRegion all have the following values:

- 1 Northeast
- 2 Midwest
- 3 South
- 4 West

kcaFrench - French Interview (Canada) at Wave 1

lcaFrench - French Interview (Canada) at Wave 2

mcaFrench - French Interview (Canada) at Wave 3

kcaFrench, lcaFrench and mcaFrench all have the following values:

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Don't know

3.1.2 ITC 4CV1

The ITC 4CV1 study was conducted in 2016 from July 7 to November 30. For more information see the technical report which can be found [here](#). For Information about sample weighting see the weight document which can be found [here](#).

Variable Name	Label
kFR245v	CPD (cigs per day) – continuous
kFR250v	CPD (cigs per day) – categories
kSB012v	min to first cig (derived, continuous)
kSB013v	min to first cig after waking (derived, category)
kFR260v	HSI : heaviness of smoking index
kBQ150v	intention to quit smoking
kQA643v	cigarettes per day - derived
kBR309v	regular brand FM or RYO
kPU231v	price per carton
kPU331v	price per pack
kPU555v	price for cigarette - derived
kWL313v	avoid labels in any way-derived
kBI322v	number 18+ in household (derived)
kde212v_ori	income - catigorical (derived)
kDE312v	education - derived
PPT18OV	Total number of HH members age 18 or older -US GfK Sample
kWTS967v	rescaled longitudinal weight for M8/P8-M8.5-M9-M10-E1 continuers
kWTS969v	rescaled longitudinal weight for M8.5/P8.5-M9-M10-E1 continuers
kWTS971v	rescaled longitudinal weight for M9/P9-M10-E1 continuers
kWTS973v	rescaled longitudinal weight for M10/P10-E1 continuers

Table 4: Derived Variables for wave 1 of the ITC (4CV) Survey. (a)

Variable Name	Label
kDE112v	marital status-derived
kWTS100v	inflation cross-sectional weight for all - main sample
kWTS102v	inflation cross-sectional weight for all - US reduced sample
kWTS101v	rescaled cross-sectional weight for all - main sample
kWTS103v	rescaled cross-sectional weight for all - US reduced sample
kWTS201v	rescaled cross-sectional weights for current cigarette smokers - main sample
kWTS203v	rescaled cross-sectional weights for current cigarette smokers -US reduced sample
kWTS301v	rescaled cross-sectional weights for current e-cigarette users - main sample
kWTS303v	rescaled cross-sectional weights for current e-cigarette users - US reduced sample
kWTS304v	inflation cross-sectional weights for current e-cigarette users - AU e-cig users
kWTS305v	rescaled cross-sectional weights for current e-cigarette users - AU e-cig users
kWTS401v	rescaled cross-sectional weights for current dual users - main sample
kWTS403v	rescaled cross-sectional weights for current dual users - US reduced sample
kWTS405v	rescaled cross-sectional weights for current dual users - AU e-cig users
kWTS501v	rescaled cross-sectional weights for quitters - main sample
kWTS503v	rescaled cross-sectional weights for quitters - US reduced sample
kWTS505v	rescaled cross-sectional weights for quitters who use e-cigarettes - AU e-cig users
kWTS601v	rescaled cross-sectional weights for all users - main sample
kWTS603v	rescaled cross-sectional weights for all users - US reduced sample
mainSample	in main sample
coreSample	in core sample
kFR309v	smoking status (derived)
kEC309v	e-cigarette status (derived)
kDE212v	

Table 5: Derived Variables for wave 1 of the ITC (4CV) Survey. (b)

3.1 ITC 4CV

kFR245v - CPD (cigarettes per day)

Continuous

kFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes
- 7 NA
- 8 Refused
- 9 Don't know

kSB012v - min to first cigarette (derived)

Continuous

kSB013v - min to first cigarette after waking (derived, category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 <= 5 min
- 7 NA
- 8 Refused
- 9 DK

kFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

kBQ150v - intention to quit smoking

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

kQA643v - cigarettes per day - derived

Continuous

3.1 ITC 4CV

3 ACTIVE PROJECTS

If EC309v=1-2, then LPgroup=1.

If NC304=3-5 and NC309=1-2 and NC320=1-5, then LPgroup=2.

Otherwise, LPgroup=3.

- 1 At-least-weekly current e-cig users
- 2 Current occasional and past at-least-weekly e-cig users who vaped in P12M
- 3 Uninteresting e-cig users & non-users

kBR309v - regular brand FM or RYO

- 1 Factory-made/packet cigarettes
- 2 Roll-your-own cigarettes
- 3 Other

kPU231v - price per carton

Continuous

kPU331v - price per pack

Continuous

kPU555v - price for cigarette - derived

Continuous

kWL313v - avoid labels in any way-derived

- 0 no
- 1 yes
- 9 does not smoke

kBI322v - Derived variable – number of adults living in household aged 18+, INCLUDING respondent.

Continuous

If DE131=1, then BI322v=[X18PLUS].

If DE131=2, then BI322v=[BI322].

If DE131=8 or 9, or BI322=88 or 99, then BI322v=missing.

kde212v_ori - income - catigorical (derived)

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

kDE312v - education - derived

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

PPT18OV - Total number of HH members age 18 or older -US GfK Sample

Continuous

kWTS967v - rescaled longitudinal weight for M8/P8-M8.5-M9-M10-E1 continuers

kWTS969v - rescaled longitudinal weight for M8.5/P8.5-M9-M10-E1 continuers

kWTS971v - rescaled longitudinal weight for M9/P9-M10-E1 continuers

kWTS973v - rescaled longitudinal weight for M10/P10-E1 continuers

kDE112v - marital status-derived

- 1 Married
- 2 Living with partner/ [common law (CA, US, UK)/ Defacto (AU)]
- 3 Widowed
- 4 Separated
- 5 Divorced
- 6 Single, never married
- 7 NA
- 8 Refused
- 9 DK

kWTS100v - inflation cross-sectional weight for all - main sample

kWTS102v - inflation cross-sectional weight for all - US reduced sample

kWTS101v - rescaled cross-sectional weight for all - main sample

kWTS103v - rescaled cross-sectional weight for all - US reduced sample

kWTS201v - rescaled cross-sectional weights for current cigarette smokers - main sample

kWTS203v - rescaled cross-sectional weights for current cigarette smokers -US reduced sample

kWTS301v - rescaled cross-sectional weights for current e-cigarette users - main sample

kWTS303v - rescaled cross-sectional weights for current e-cigarette users - US reduced sample

kWTS304v - inflation cross-sectional weights for current e-cigarette users - AU e-cigarette users

kWTS305v - rescaled cross-sectional weights for current e-cigarette users - AU e-cigarette users

kWTS401v - rescaled cross-sectional weights for current dual users - main sample

kWTS403v - rescaled cross-sectional weights for current dual users - US reduced sample

kWTS405v - rescaled cross-sectional weights for current dual users - AU e-cigarette users

kWTS501v - rescaled cross-sectional weights for quitters - main sample

kWTS503v - rescaled cross-sectional weights for quitters - US reduced sample

kWTS505v - rescaled cross-sectional weights for quitters who use e-cigarettes - AU e-cigarette users

kWTS601v - rescaled cross-sectional weights for all users - main sample

kWTS603v - rescaled cross-sectional weights for all users - US reduced sample

kFR309v - Derived variable for all respondents – cigarette smoking status at current wave

10 Current Daily Smoker (FR225=1)

20 Current Weekly Smoker (FR225=2)

31 Current Monthly Smoker (FR225=3 AND BI345=1)

32 Current Less-than-monthly Smoker (FR225=4 AND BI345=1)

40 Recent Quitter: Quit in last 24M AND has smoked 100+ lifetime cigs (FR225=5 AND BI345=1 AND QA439=1-7)

80 Long-term Quitter: Quit more than 24M ago AND has smoked 100+ lifetime cigs (FR225=5 AND BI345=1 AND QA439=8-10)

90 Non-Smoker: Has never been a smoker OR has not smoked 100+ lifetime cigs. (FR225=6 or BI345=2)

kEC309v - Derived variable for all respondents – e-cigarette status at current wave

10 Current Daily Vaper (NC304=1)

20 Current Weekly Vaper (NC304=2)

31 Current Monthly Vaper (NC304=3)

32 Current Less-than-monthly Vaper (NC304=4)

40 Ever Quitter: past vaper at least weekly (NC304=5 AND NC309=1-2)

50 Past Trier: vaped more than once/ occasionally (NC304=5 AND NC309=3-4)

60 Past Trier: vaped only once (NC304=5 AND NC309=5 or 9)

70 Never Tried e-cigarettes (NC302=2)

80 Never Heard of e-cigarettes (NC302=3 or 9)

kDE212v - income categories

1 Low

2 Moderate

3 High

9 No answer

3.1.3 ITC 4CV2

The ITC 4CV2 study was conducted in 2018 from February 22 to July 9. For more information see the technical report which can be found [here](#).

Variable Name	Label
IFR245v	CPD (cigs per day) – continuous
IFR250v	CPD (cigs per day) – categories
ISB012v	min to first cig (derived, continuous)
ISB013v	min to first cig after waking (derived, category)
IFR260v	HSI : heaviness of smoking index
IPPT18OV	Total number of HH members age 18 or older -US GfK Sample

Table 6: Derived Variables for wave 2 of the ITC (4CV) Survey. (a)

Variable Name	Label
IFR225V	freq of cigs, by week/ day (derived)
IBI345V	smoked 100 cigs in lifetime (derived)
IQA435v	when did you last quit–derived (days) (US, NHIS 2015)
IQuitdate	approx start of current QA (derived)
IQA439v	time since quit (derived)
IEC872v	ever use e-cigs with nicotine (derived)
INC324v	time to first e-cig after waking, all - derived (mins)
IHN211v	most/last-used brand of HNB (derived)
IQA331v	any attempts to quit since time (derived)
IEC630v	LQA e-cig used most contained nicotine (derived)
IBQ150v	intention to quit smoking
IQA643v	cigs per day/week before quit - derived (days)
IBR309v	regular brand FM or RYO
IPU231v	price per carton
IPU2v	derived price per cig (carton purchase)
IPU3V	derived price per cig (pack purchase)
IPU4V	derived price per cig (cigarette purchase)
IPU9V	derived price per cig (bag purchase)
IPU0V	derived price per cig (multipack purchase)
IPU5V	derived price per 10g (RYO purchase)
IPU555v	price for cigarette - derived
IWL313v	avoid labels in any way-derived
IBI322v	number 18+ in household (derived)
IES508v	partner, friends, HH members vape (derived)
lde212v_ori	income - categorical (derived)
IDE312v	education - derived

Table 7: Derived Variables for wave 2 of the ITC (4CV) Survey. (b)

Variable Name	Label
IWTS100v	inflation cross-sectional weight for all - main sample
IWTS101v	rescaled cross-sectional weight for all - main sample
IWTS401v	rescaled cross-sectional weights for current dual users - main sample
IWTS301v	rescaled cross-sectional weights for current e-cigarette users - main sample
IWTS501v	rescaled cross-sectional weights for quitters - main sample
IWTS201v	rescaled cross-sectional weights for current cigarette smokers - main sample
IWTS601v	rescaled cross-sectional weights for all users - main sample
IWTS971v	rescaled longitudinal weight for M9/P9-M10-V1-V2 continuers
IWTS121v	rescaled longitudinal weight for V1-V2 continuers-all - main sample
IWTS421v	rescaled longitudinal weight for V1-V2 continuers-dual users - main sample
IWTS321v	rescaled longitudinal weight for V1-V2 continuers-ecig users - main sample
IWTS521v	rescaled longitudinal weight for V1-V2 continuers-quitters - main sample
IWTS221v	rescaled longitudinal weight for V1-V2 continuers-smokers - main sample
IWTS621v	rescaled longitudinal weight for V1-V2 continuers-all users - main sample
IWTS102v	inflation cross-sectional weight for all - US reduced sample
IWTS103v	rescaled cross-sectional weight for all - US reduced sample
IWTS403v	rescaled cross-sectional weights for current dual users - US reduced sample
IWTS303v	rescaled cross-sectional weights for current e-cigarette users - US reduced sample
IWTS503v	rescaled cross-sectional weights for quitters - US reduced sample
IWTS203v	rescaled cross-sectional weights for current cigarette smokers -US reduced sample
IWTS603v	rescaled cross-sectional weights for all users - US reduced sample

Table 8: Derived Variables for wave 2 of the ITC (4CV) Survey. (c)

Variable Name	Label
IWTS161v	rescaled longitudinal weight for V1-V2 continuers-all - US reduced sample
IWTS461v	rescaled longitudinal weight for V1-V2 continuers-dual users - US reduced sample
IWTS361v	rescaled longitudinal weight for V1-V2 continuers-ecig users - US reduced sample
IWTS561v	rescaled longitudinal weight for V1-V2 continuers-quitters - US reduced sample
IWTS261v	rescaled longitudinal weight for V1-V2 continuers-smokers - US reduced sample
IWTS661v	rescaled longitudinal weight for V1-V2 continuers-all users - US reduced sample
IWTS973v	rescaled longitudinal weight for M10/P10-V1-V2 continuers
IWTS304v	inflation cross-sectional weights for current e-cigarette users - AU e-cig users
IWTS305v	rescaled cross-sectional weights for current e-cigarette users - AU e-cig users
IWTS405v	rescaled cross-sectional weights for current dual users - AU e-cig users
IWTS505v	rescaled cross-sectional weights for quitters who use e-cigarettes - AU e-cig users
IWTS481v	rescaled longitudinal weight for V1-V2 continuers-dual users - AU e-cig users
IWTS381v	rescaled longitudinal weight for V1-V2 continuers-ecig users - AU e-cig users
IWTS581v	rescaled longitudinal weight for V1-V2 continuers-quitters - AU e-cig users
IFR309v	smoking status (derived)
IEC309v	e-cigarette status (derived)
IDE212v	

Table 9: Derived Variables for wave 2 of the ITC (4CV) Survey. (d)

3.1 ITC 4CV

IFR245v - CPD (cigarettes per day)

Continuous

IFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 DK

ISB012v - min to first cigarette (derived)

Continuous

ISB013v - min to first cigarette after waking (derived, category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

IFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

IPPT18OV - Total number of HH members age 18 or older -US GfK Sample

Continuous

IFR225V - Derived variable: current frequency of cigarette smoking.

If P and FR142=2, then FR225v=6.

If FR304=1, then FR225v=4.

If FR304=2, then FR225v=5.

If FR314=1, FR225v=4.

If FR314=2, FR225v=6.

Otherwise, FR225v=[FR225].

- 1 Daily
- 2 Less than daily, but at least once a week
- 3 Less than weekly, but at least once a month
- 4 Less than monthly, but occasionally, and self-classified as smoker
- 5 (I have quit smoking) OR (less than monthly and self-classified as quitter)
- 6 I have never been a smoker

lBI345V - Derived value – smoked 100 or more cigarettes in lifetime.

If BI345=1, then BI345v=1.

If BI345=2, then BI345v=2.

If FR225v=1-2, then BI345v=1.

If BI345@LSD=1, then BI345v=1.

If FR225v=6, then BI345v=2.

- 1 Yes
- 2 No

lQA435v - when did you last quit-derived (days) (US, NHIS 2015)

Continuous

lQuitdate - approx start of current QA (derived)

Continuous

lQA439v - Derived value, derived by data analysts – Time since quit at current survey date (in days).

Continuous

lEC872v - Derived: EVER used e-cigarette with nicotine, among e-cigarette ever-users

If EC450=1-6 or EC430=1 or EC872=1, then EC872v=1.

If EC872=2 or [EC309v=6 and (EC450=0 or EC430=2)], then EC872v=2.

If EC872=8 or (EC309v=6 and EC430=8), then EC872v=8.

If EC872=9 or (EC309v=6 and EC430=9), then EC872v=9.

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Don't know (valid response)

INC324v - time to first e-cigarette after waking, all - derived (minutes)

Continuous

IHN211v - Derived: most/last-used brand of heat-not-burn product.

If HN211 asked, then HN211v=[HN211].

Otherwise, HN211v=[HN201-HN209o].

01 iQOS with HeatSticks/Heets

02 glo

03 iFuse

04 TEEPS

05 Ploom TECH

06 Ploom 1 or Ploom 2

07 PAX

08 Other (specify)

77 NA

88 Refused

99 Don't know

lQA331v - Derived variable: to obtain respondents who made quit attempt since LSD/ in last 18M (to simplify filters for cessation questions, not just in the following section). Includes LSD Quitters who relapsed and quit again since LSD.

If QA331=1 or QA342=2, then QA331v=1.

Otherwise, QA331v=2.

1 Reported a failed quit attempt since LSD/ in the last 18 months

2 No reported failed quit attempt since LSD/ in the last 18 months

IEC630v - Derived: e-cig used most for last QA since LSD/ in P18M contained nicotine

If EC650=1-6 or EC630=1 or (EC309v=6 and EC872v=1 and EQ101=1), then EC630v=1.

If EC650=0 or EC630=2 or (EC309v=1-6 and EC872v=2 and EQ101=1), then EC630v=2.

If EC630=8 or (EC309v=1-6 and EC872v=8 and EQ101=1), then EC630v=8.

If EC630=9 or (EC309v=1-6 and EC872v=9 and EQ101=1), then EC630v=9.

Otherwise, EC630v=7.

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know (valid response)

IBQ150v - intention to quit smoking

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

IQA643v - cigarettes per day/week before quit - derived (days)

Continuous

IBR309v - regular brand FM or RYO

1 Factory-made/packet cigarettes

2 Roll-your-own cigarettes

3 Other

IPU231v - price per carton

Continuous

IPU2v - Derived price per unit (cigarette) for carton purchase section:

1. Derive price per carton:

If $PU229=2$, then $PU231v = [PU241] / [PU211]$.

Otherwise, $PU231v = [PU231]$.

2. Derive price per unit (cigarette):

$PU2v = [PU231v] / ([PU222o] * [PU227o])$

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

country=UK (GBP): 0.2869 – 0.5956

country=AU (AUD): 0.657 – 1.3753

IPU3V - Derived price per unit (cigarette) for pack purchase section:

1. Derive price per pack:

If $PU329=2$, then $PU331v = [PU341] / [PU311]$.

Otherwise, $PU331v = [PU331]$.

2. Derive price per unit (cigarette):

$PU3v = [PU331v] / [PU322o]$

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

country=UK (GBP): 0.2869 – 0.5956

country=AU (AUD): 0.657 – 1.3753

IPU4V - Derived price per unit (cigarette) for cigarette purchase section:

If PU429=2, then $PU4v = [PU441] / [PU411]$.

Otherwise, $PU4v = [PU431]$.

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

country=UK (GBP): 0.2869 – 0.5956

country=AU (AUD): 0.657 – 1.3753

IPU9V - Derived price per unit (cigarette) for bag/baggie purchase section:

1. Derive price per bag:

If PU929=2, then $PU931v = [PU941] / [PU911]$.

Otherwise, $PU931v = [PU931]$.

2. Derive price per unit (cigarette):

$PU9v = [PU931v] / [PU922o]$.

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

IPU0V - Derived price per unit (cigarette) for multipack purchase section:

1. Derive price per multipack:

If PU029=2, then $PU031v = [PU041] / [PU011]$.

Otherwise, $PU031v = [PU031]$.

2. Derive price per unit (cigarette):

$PU0v = [PU031v] / ([PU022o]*[PU027o])$

Allowable price range per cigarette for:

country=UK (GBP): 0.2869 – 0.5956

IPU5V - Derived price per unit (50 grams) for RYO purchase section:

If PU529=2, then $PU5v = ([PU541]*50) / ([PU511]*[PU547v])$.

Otherwise, $PU5v = ([PU531]*50) / [PU547v]$.

(To calculate PU547v, program will need to convert ounces to grams. Skip derivation if PU545=3 (other).)

Allowable price range per 50 grams RYO for:

3.1 ITC 4CV

3 ACTIVE PROJECTS

country=CA (CAD): 17.9525 - 45.025

country=UK (GBP): 10.34334 - 18.81958

country=AU (AUD): 33.584 - 78.85585

IPU555v - price for cigarette - derived

Continuous

IWL313v - avoid labels in any way-derived

0 no

1 yes

9 does not smoke

IBI322v - Derived variable – number of adults living in household aged 18+, INCLUDING respondent.

If DE131=1, then BI322v=[X18PLUS].

If DE131=2 and BI322≠88, then BI322v=[BI322].

If DE131=8 or 9, or BI322=88 or 99, then BI322v=missing.

IES508v - Derived variable – any earlier indication in survey of knowing someone who vapes; i.e. partner/spouse, and/or other adult household members, and/or 5 closest friends.

If ES507=1, then ES508v=1.

If ES510=1-87, then ES508v=1.

If ES503=1-5, then ES508v=1.

Otherwise, ES508v=2.

1 Yes

2 No

Note: if all of ES507 and ES510 and ES503 were not asked, then must derive ES508v=2.

lde212v_ori - income - categorical (derived)

1 Low

2 Moderate

3 High

9 No answer

IDE312v - education - derived

1 Low

2 Moderate

3 High

9 No answer

IWTS100v - inflation cross-sectional weight for all - main sample

IWTS101v - rescaled cross-sectional weight for all - main sample

IWTS401v - rescaled cross-sectional weights for current dual users - main sample

IWTS301v - rescaled cross-sectional weights for current e-cigarette users - main sample

IWTS501v - rescaled cross-sectional weights for quitters - main sample

IWTS201v - rescaled cross-sectional weights for current cigarette smokers - main sample

IWTS601v - rescaled cross-sectional weights for all users - main sample

IWTS971v - rescaled longitudinal weight for M9/P9-M10-V1-V2 continuers

IWTS121v - rescaled longitudinal weight for V1-V2 continuers-all - main sample

IWTS421v - rescaled longitudinal weight for V1-V2 continuers-dual users - main sample

IWTS321v - rescaled longitudinal weight for V1-V2 continuers-ecig users - main sample

IWTS521v - rescaled longitudinal weight for V1-V2 continuers-quitters - main sample

IWTS221v - rescaled longitudinal weight for V1-V2 continuers-smokers - main sample

IWTS621v - rescaled longitudinal weight for V1-V2 continuers-all users - main sample

IWTS102v - inflation cross-sectional weight for all - US reduced sample

IWTS103v - rescaled cross-sectional weight for all - US reduced sample

IWTS403v - rescaled cross-sectional weights for current dual users - US reduced sample

IWTS303v - rescaled cross-sectional weights for current e-cigarette users - US reduced sample

IWTS503v - rescaled cross-sectional weights for quitters - US reduced sample

IWTS203v - rescaled cross-sectional weights for current cigarette smokers -US reduced sample

IWTS603v - rescaled cross-sectional weights for all users - US reduced sample

IWTS161v - rescaled longitudinal weight for V1-V2 continuers-all - US reduced sample

IWTS461v - rescaled longitudinal weight for V1-V2 continuers-dual users - US reduced sample

IWTS361v - rescaled longitudinal weight for V1-V2 continuers-ecig users - US reduced sample

IWTS561v - rescaled longitudinal weight for V1-V2 continuers-quitters - US reduced sample

IWTS261v - rescaled longitudinal weight for V1-V2 continuers-smokers - US reduced sample

IWTS661v - rescaled longitudinal weight for V1-V2 continuers-all users - US reduced sample

IWTS973v - rescaled longitudinal weight for M10/P10-V1-V2 continuers

IWTS304v - inflation cross-sectional weights for current e-cigarette users - AU e-cig users

IWTS305v - rescaled cross-sectional weights for current e-cigarette users - AU e-cig users

IWTS405v - rescaled cross-sectional weights for current dual users - AU e-cig users

IWTS505v - rescaled cross-sectional weights for quitters who use e-cigarettes - AU e-cig users

IWTS481v - rescaled longitudinal weight for V1-V2 continuers-dual users - AU e-cig users

IWTS381v - rescaled longitudinal weight for V1-V2 continuers-ecig users - AU e-cig users

IWTS581v - rescaled longitudinal weight for V1-V2 continuers-quitters - AU e-cig users

IFR309v - Derived variable for all respondents – cigarette smoking status at current wave

10 Current Daily Smoker (FR225v=1)

20 Current Weekly Smoker (FR225v=2)

31 Current Monthly Smoker (FR225v=3 AND BI345v=1)

32 Current Less-than-monthly Smoker (FR225v=4 AND BI345v=1)

40 Recent Quitter: Quit in last 24M AND has smoked 100+ lifetime cigs [(FR225v=5 AND BI345v=1 AND QA439=1-8) or (QA342=1-2 and QA439=1-8)]

80 Long-term Quitter: Quit more than 24M ago AND has smoked 100+ lifetime cigs [(FR225v=5 AND BI345v=1 AND QA439=9-11) or (QA342=1-2 and QA439=9-11)]

90 Non-Smoker: Identifies, or is derived as, never having been a smoker OR has not smoked 100+ lifetime cigs. (FR225v=6 or BI345v=2)

IEC309v - Derived variable for all respondents – e-cigarette status at current wave

10 Current Daily Vaper (NC304=1)

20 Current Weekly Vaper (NC304=2)

31 Current Monthly Vaper (NC304=3)

32 Current Less-than-monthly Vaper (NC304=4)

40 Ever Quitter: past vaper at least weekly (NC304=5 AND NC309=1-2)

50 Past Trier: vaped more than once/ occasionally (NC304=5 AND NC309=3-4)

60 Past Trier: vaped only once (NC304=5 AND NC309=5 or 9)

70 Never Tried e-cigarettes (NC302=2)

80 Never Heard of e-cigarettes (NC302=3 or 9)

IDE212v - income categories

1 Low

2 Moderate

3 High

9 No answer

3.1.4 ITC 4CV3

The ITC 4CV3 study was conducted in 2020 from February 24 to June 2. For more information see the technical report which can be found [here](#).

Variable Name	Label
mFR309v	smoking status (derived)
mEC309V	e-cigarette status (derived)
mHN309V	heat-not-burn status (derived)
mFR245v	CPD (cigs per day) – continuous
mFR250v	CPD (cigs per day) – categories
mSB012v	min to first cig (derived, continuous)
mSB013v	min to first cig after waking (derived, category)
mFR260v	HSI : heaviness of smoking index
mBQ150v	Intention to quit

Table 10: Derived Variables for wave 3 of the ITC (4CV) Survey. (a)

Variable Name	Label
mFR142v	ever smoked at least monthly (derived)
mFR225v	freq of cigs, by week/ day (derived)
mBI345v	smoked 100 cigs in lifetime (derived)
mQA435v	when did you last quit-derived (days) (US, NHIS 2015)
mQuitDate	approx start of current QA (derived)
mQA439v	time since quit (derived)
mEC872v	ever use e-cigs with nicotine (derived)
mNC324v	time to first e-cig after waking, all - derived (mins)
mFR121v	past (but not current) daily smoker (derived)
mEC630V	LQA e-cig used most contained nicotine (derived)
mFR150V	cut back to LTD since time (derived)
mQA119V	reported non-LQA QA in past 18M/since LSD (derived)
mQA120V	made non-LQA QA in past 5 years (derived)
mEC804V	e-cig device owned (derived)
mHN804V	own an HTP (derived)
mBR309v	Cig brand - factory made vs. Ryo - derived
mPU2V	derived price per cig (carton purchase)
mPU3V	derived price per cig (pack purchase)
mPU4V	derived price per cig (cigarette purchase)
mPU931v	price per bag
mPU9V	derived price per cig (bag purchase)
mPU031v	price per multipack
mPU0V	derived price per cig (multipack purchase)
mPU547V	derivation of RYO purchase size in grams
mPU5V	derived price per 10g (RYO purchase)
mPU231v	price per carton
mPU331v	price per pack
mPU555v	price for cigarette - derived
mWL313v	avoid labels in any way-derived
mBI322V	number 18+ in household (derived)
mDE212v	household income
mDE312v	highest level of education

Table 11: Derived Variables for wave 3 of the ITC (4CV) Survey. (b)

Variable Name	Label
mWTS100v	inflation cross-sectional weight for all - main sample
mWTS101v	rescaled cross-sectional weight for all - main sample
mWTS401v	rescaled cross-sectional weights for current dual users - main sample
mWTS301v	rescaled cross-sectional weights for current e-cigarette users - main sample
mWTS501v	rescaled cross-sectional weights for quitters - main sample
mWTS201v	rescaled cross-sectional weights for current cigarette smokers - main sample
mWTS601v	rescaled cross-sectional weights for all users - main sample
mWTS121v	rescaled longitudinal weight for V1-V3 continuers-all - main sample
mWTS421v	rescaled longitudinal weight for V1-V3 continuers-dual users - main sample
mWTS321v	rescaled longitudinal weight for V1-V3 continuers-ecig users - main sample
mWTS521v	rescaled longitudinal weight for V1-V3 continuers-quitters - main sample
mWTS221v	rescaled longitudinal weight for V1-V3 continuers-smokers - main sample
mWTS621v	rescaled longitudinal weight for V1-V3 continuers-all users - main sample
mWTS123v	rescaled longitudinal weight for V2-V3 continuers-all - main sample
mWTS423v	rescaled longitudinal weight for V2-V3 continuers-dual users - main sample
mWTS323v	rescaled longitudinal weight for V2-V3 continuers-ecig users - main sample
mWTS523v	rescaled longitudinal weight for V2-V3 continuers-quitters - main sample
mWTS223v	rescaled longitudinal weight for V2-V3 continuers-smokers - main sample
mWTS623v	rescaled longitudinal weight for V2-V3 continuers-all users - main sample

Table 12: Derived Variables for wave 3 of the ITC (4CV) Survey. (c)

Variable Name	Label
mWTS102v	inflation cross-sectional weight for all - US reduced sample
mWTS103v	rescaled cross-sectional weight for all - US reduced sample
mWTS403v	rescaled cross-sectional weights for current dual users - US reduced sample
mWTS303v	rescaled cross-sectional weights for current e-cigarette users - US reduced sample
mWTS503v	rescaled cross-sectional weights for quitters - US reduced sample
mWTS203v	rescaled cross-sectional weights for current cigarette smokers -US reduced sample
mWTS603v	rescaled cross-sectional weights for all users - US reduced sample
mWTS161v	rescaled longitudinal weight for V1-V3 continuers-all - US reduced sample
mWTS461v	rescaled longitudinal weight for V1-V3 continuers-dual users - US reduced sample
mWTS361v	rescaled longitudinal weight for V1-V3 continuers-ecig users - US reduced sample
mWTS561v	rescaled longitudinal weight for V1-V3 continuers-quitters - US reduced sample
mWTS261v	rescaled longitudinal weight for V1-V3 continuers-smokers - US reduced sample
mWTS661v	rescaled longitudinal weight for V1-V3 continuers-all users - US reduced sample
mWTS163v	rescaled longitudinal weight for V2-V3 continuers-all - US reduced sample
mWTS463v	rescaled longitudinal weight for V2-V3 continuers-dual users - US reduced sample
mWTS363v	rescaled longitudinal weight for V2-V3 continuers-ecig users - US reduced sample
mWTS563v	rescaled longitudinal weight for V2-V3 continuers-quitters - US reduced sample
mWTS263v	rescaled longitudinal weight for V2-V3 continuers-smokers - US reduced sample
mWTS663v	rescaled longitudinal weight for V2-V3 continuers-all users - US reduced sample

Table 13: Derived Variables for wave 3 of the ITC (4CV) Survey. (d)

Variable Name	Label
mWTS305v	rescaled cross-sectional weights for current e-cigarette users - AU e-cig users
mWTS405v	rescaled cross-sectional weights for current dual users - AU e-cig users
mWTS505v	rescaled cross-sectional weights for quitters who use e-cigarettes - AU e-cig users
mWTS181v	rescaled longitudinal weight for V1-V3 continuers - AU e-cig users
mWTS481v	rescaled longitudinal weight for V1-V3 continuers-dual users - AU e-cig users
mWTS381v	rescaled longitudinal weight for V1-V3 continuers-ecig users - AU e-cig users
mWTS581v	rescaled longitudinal weight for V1-V3 continuers-quitters - AU e-cig users
mWTS183v	rescaled longitudinal weight for V2-V3 continuers - AU e-cig users
mWTS483v	rescaled longitudinal weight for V2-V3 continuers-dual users - AU e-cig users
mWTS383v	rescaled longitudinal weight for V2-V3 continuers-ecig users - AU e-cig users
mWTS583v	rescaled longitudinal weight for V2-V3 continuers-quitters - AU e-cig users

Table 14: Derived Variables for wave 3 of the ITC (4CV) Survey. (e)

mFR309v - Derived variable for all respondents – cigarette smoking status at current wave

- 10 Current Daily Smoker (FR225v=1)
- 20 Current Weekly Smoker (FR225v=2)
- 31 Current Monthly Smoker (FR225v=3 AND BI345v=1)
- 32 Current Less-than-monthly Smoker (FR225v=4 AND BI345v=1)
- 40 Recent Quitter: Identifies as quit in last 24M AND has smoked 100+ lifetime cigs [(FR225v=5 AND BI345v=1 AND QA439=1-8) or (QA342=1-2 and QA439=1-8)]
- 80 Long-term Quitter: Identifies as quit more than 24M ago AND has smoked 100+ lifetime cigs [(FR225v=5 AND BI345v=1 AND QA439=9-11) or (QA342=1-2 and QA439=9-11)]
- 90 Non-Smoker: Identifies, or is derived as, never having been a smoker OR has not smoked 100+ lifetime cigs. (FR225v=6 or BI345v=2)

mEC309V - Derived variable for all respondents – e-cigarette status at current wave

- 10 Current Daily Vaper (NC304=1)
- 20 Current Weekly Vaper (NC304=2)
- 31 Current Monthly Vaper (NC304=3)
- 32 Current Less-than-monthly Vaper (NC304=4)
- 40 Ever Quitter: past vaper at least weekly (NC304=5 AND (NC309=1-2 or EF130=1))
- 50 Trier: vaped more than once/ occasionally ((NC309=4) OR ((NC304=5 and (NC309=3 or EF130=2))))
- 60 Trier: vaped only once (NC309=5)
- 70 Never Tried e-cigarettes (NC302=2)
- 80 Never Heard of e-cigarettes (NC302=3 or 9)

mHN309V - Derived variable for all respondents – heated tobacco product (HTP) status at current wave

- 10 Current Daily HTP user (HN140=1)
- 20 Current Weekly HTP user (HN140=2)
- 31 Current Monthly HTP user (HN140=3)
- 32 Current Less-than-monthly HTP user (HN140=4)
- 40 Ever Quitter: past HTP User at least weekly ((HN140=5 AND (HN195=1-2 or HN196=1))
- 50 Trier: HTP tried more than once/ occasionally ((HN195=4) OR ((HN140=5 and (HN195=3 or HN196=2))))
- 60 Trier: HTP tried only once (HN195=5)
- 70 Never Tried HTP (HN106=2 or 9)
- 80 Never Heard of HTP (HN103=2 or 9)

mFR245v - Derived variable: cigarettes per day

continuous

mFR250v - Derived variable: cigarettes per day (categories), calculated from FR245V

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes
- 7 Not applicable
- 8 Refused
- 9 Don't know

mSB012v - min to first cigarette (derived)

continuous

mSB013v - min to first cigarette after waking (derived, category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

mFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

mBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

mFR142v - Derived variable: ever smoked cigarettes at least monthly.

If FR142=1, then FR142v=1.

If FR142@LSD=1, then FR142v=1.

3.1 ITC 4CV

3 ACTIVE PROJECTS

If FR225=1-3, then FR142v=1.

If In4C=1, then FR142v=1.

If FR225v@LSD=1-3, then FR142v=1.

If FR509@LSD=1-3, then FR142v=1.

Otherwise, FR142v=2.

1 Yes

2 No

mFR225v - (Derived variable: current frequency of cigarette smoking.)

If FR142v=2, then FR225v=6.

If FR304=1, then FR225v=4.

If FR304=2, then FR225v=5.

If FR314=1, FR225v=4.

If FR314=2, FR225v=6.

Otherwise, FR225v=[FR225].

1 Daily

2 Less than daily, but at least once a week

3 Less than weekly, but at least once a month

4 Less than monthly, but occasionally, and self-classified as smoker

5 (I have quit smoking) OR (less than monthly and self-classified as quitter)

mBI345v - Derived value – smoked 100 or more cigarettes in lifetime.

If BI345=1, then BI345v=1.

If BI345=2, then BI345v=2.

If FR225v=1-2, then BI345v=1.

If BI345v@LSD=1, then BI345v=1.

If FR225v=6, then BI345v=2.

1 Yes

2 No

mQA435v - when did you last quit-derived (days) (US, NHIS 2015)

continuous

mQuitDate - approximate start of current quit attempt, in days (i.e. for those currently quit).

continuous

mQA439v - Time since quit at current survey date (in days).

continuous

mEC872v - Derived: EVER used e-cigarette with nicotine, among e-cigarette ever-users

If EC450b=1-6 or EC450c=1-6 or EC430=1 or EC872=1, then EC872v=1.

If EC872=2 or [EC309v=60 and (EC450b=0 or EC450c=0 or EC430=2)], then EC872v=2.

If EC872=8 or (EC309v=60 and EC430=8), then EC872v=8.

If EC872=9 or (EC309v=60 and EC430=9), then EC872v=9.

Otherwise, EC872v=7.

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know (valid response)

mNC324v - time to first e-cigarette after waking, all - derived (minutess)

continuous

mFR121v - Derived variable: past (but not current) daily smoker of cigarettes

If (FR121@LSD=1 or FR309v@LSD=10) and FR309v=20-80, then FR121v=1.

If FR121=1, then FR121v=1.

Otherwise, FR121v=0.

1 Yes, past (but not current) daily smoker

0 No, or not applicable

mEC630V - Derived: e-cigarette used most for last QA since LSD/ in P24M contained nicotine

If EC630=1 or (EC309v=60 and EC872v=1 and EQ101=1), then EC630v=1.

If EC630=2 or (EC309v=10-60 and EC872v=2 and EQ101=1), then EC630v=2.

If EC630=8 or (EC309v=10-60 and EC872v=8 and EQ101=1), then EC630v=8.

If EC630=9 or (EC309v=10-60 and EC872v=9 and EQ101=1), then EC630v=9.

Otherwise, EC630v=7.

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know (valid response)

mFR150V - Derived variable – cut down to less-than-daily smoking since LSD/ in P24M.

If FR309v=20-32 and (FR309v@LSD=10 or FR509=1), FR150v=1.

Otherwise, FR150v=0.

1 Cut down to LTD since LSD/ 24M

0 No, or not applicable

mQA119V - Derived variable: Respondents who might have made more than 2 QA in the last 5 years, but we don't know.

If QA559=3-4 or QA560=2-3, then QA119v=1.

If FR309v=90 or QA101=2-9, then QA119v=7.

Otherwise, QA119v=2.

1 Respondents who we know have made 2 or more QA in the last 5 years

2 Respondents who might have made 2 or more QA in the last 5 years

7 Respondents who could not have made any QA in the last 5 years

mQA120V - Derived variable: Made non-LQA quit attempt in the last 5 years.

If QA119v=1 or QA120=1, then QA120v=1.

Otherwise, QA120v=0.

1 Yes, made a (previous) QA in last 5 years

0 No, or not applicable

mEC804V - e-cigarette device owned – imputed ownership of vaping device. Daily users are assumed to own. (Disposable users are excluded.)

If EC309v=10 and EC375=2-3, EC804v=1.

If EC804=1, EC804v=1.

Otherwise, EC804v=0.

1 Owns most- /last-used vaping device

0 No, or not applicable

mHN804V - Derived variable – imputed ownership of heated tobacco device. Daily users are assumed to own.

If HN309v=10, HN804v=1.

If HN804=1, HN804v=1.

Otherwise, HN804v=0.

1 Owns most/last-used heated tobacco device

0 No, or not applicable

mBR309v - Cigarette brand - factory made vs. Ryo - derived

- 1 Factory-made/packet cigarettes
- 2 Roll-your-own cigarettes
- 3 Other

mPU2V - Derived price per unit (cigarette) for carton purchase section:

1. Derive price per carton:

If PU229=2, then $PU231v = [PU241] / [PU211]$.

Otherwise, $PU231v = [PU231]$.

2. Derive price per unit (cigarette):

$PU2v = [PU231v] / ([PU222o] * [PU227o])$

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

country=UK (GBP): 0.2869 – 0.5956

country=AU (AUD): 0.657 – 1.3753

mPU3V - Derived price per unit (cigarette) for pack purchase section:

1. Derive price per pack:

If PU329=2, then $PU331v = [PU341] / [PU311]$.

Otherwise, $PU331v = [PU331]$.

2. Derive price per unit (cigarette):

$PU3v = [PU331v] / [PU322o]$

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

country=UK (GBP): 0.2869 – 0.5956

country=AU (AUD): 0.657 – 1.3753

mPU4V - Derived price per unit (cigarette) for cigarette purchase section:

If PU429=2, then $PU4v = [PU441] / [PU411]$.

Otherwise, $PU4v = [PU431]$.

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

country=UK (GBP): 0.2869 – 0.5956

country=AU (AUD): 0.657 – 1.3753

mPU931v - price per bag

Continuous

mPU9V - Derived price per unit (cigarette) for bag/baggie purchase section:

1. Derive price per bag:

If PU929=2, then $PU931v = [PU941] / [PU911]$.

Otherwise, $PU931v = [PU931]$.

2. Derive price per unit (cigarette):

$PU9v = [PU931v] / [PU922o]$.

Allowable price range per cigarette for:

country=CA (CAD): 0.3416 – 0.9696

country=US (USD): 0.1344 – 0.9085

mPU031v - price per multipack

Continuous

mPU0V - Derived price per unit (cigarette) for multipack purchase section:

1. Derive price per multipack:

If PU029=2, then $PU031v = [PU041] / [PU011]$.

Otherwise, $PU031v = [PU031]$.

2. Derive price per unit (cigarette):

$PU0v = [PU031v] / ([PU022o]*[PU027o])$

Allowable price range per cigarette for:

country=UK (GBP): 0.2869 – 0.5956

mPU547V - Derived variable – grams of purchase, derived from ounces and grams.

If PU545=1, $PU547v=PU547$.

If PU545=2, $PU547v=PU548*28.3495$

If PU545=3, 8 or 9, $PU547v=0$.

mPU5V - Derived price per unit (50 grams) for RYO purchase section. Skip price per unit derivation if $PU547v=0$.

If PU529=2, then $PU5v = ([PU541]*50) / ([PU511]*[PU547v])$.

Otherwise, $PU5v = ([PU531]*50) / [PU547v]$.

(To calculate $PU547v$, program will need to convert ounces to grams. Skip derivation if $PU545=3$ (other).)

Allowable price range per 50 grams RYO for:

country=CA (CAD): 17.9525 – 45.025

country=UK (GBP): 10.34334 – 18.81958

country=AU (AUD): 33.584 - 78.85585

mPU231v - price per carton

Continuous

mPU331v - price per pack

Continuous

mPU555v - price for cigarette - derived

Continuous

mWL313v - avoid labels in any way-derived

0 no

1 yes

9 does not smoke

mBI322V - Derived variable – number of adults living in household aged 18+, INCLUDING respondent.

If DE131=1, then BI322v=[X18PLUS].

If DE131=2 and BI322≠88, then BI322v=[BI322].

If DE131=8 or 9, or BI322=88 or 99, then BI322v=missing.

mDE212v - household income

1 Low

2 Moderate

3 High

9 No answer

mDE312v - highest level of education

1 Low

2 Moderate

3 High

9 No answer

mWTS100v - inflation cross-sectional weight for all - main sample

mWTS101v - rescaled cross-sectional weight for all - main sample

mWTS401v - rescaled cross-sectional weights for current dual users - main sample

mWTS301v - rescaled cross-sectional weights for current e-cigarette users - main sample

mWTS501v - rescaled cross-sectional weights for quitters - main sample

mWTS201v - rescaled cross-sectional weights for current cigarette smokers - main sample

mWTS601v - rescaled cross-sectional weights for all users - main sample

mWTS121v - rescaled longitudinal weight for V1-V3 continuers-all - main sample

mWTS421v - rescaled longitudinal weight for V1-V3 continuers-dual users - main sample

mWTS321v - rescaled longitudinal weight for V1-V3 continuers-ecig users - main sample

mWTS521v - rescaled longitudinal weight for V1-V3 continuers-quitters - main sample

mWTS221v - rescaled longitudinal weight for V1-V3 continuers-smokers - main sample

mWTS621v - rescaled longitudinal weight for V1-V3 continuers-all users - main sample

mWTS123v - rescaled longitudinal weight for V2-V3 continuers-all - main sample

mWTS423v - rescaled longitudinal weight for V2-V3 continuers-dual users - main sample

mWTS323v - rescaled longitudinal weight for V2-V3 continuers-ecig users - main sample

mWTS523v - rescaled longitudinal weight for V2-V3 continuers-quitters - main sample

mWTS223v - rescaled longitudinal weight for V2-V3 continuers-smokers - main sample

mWTS623v - rescaled longitudinal weight for V2-V3 continuers-all users - main sample

mWTS102v - inflation cross-sectional weight for all - US reduced sample

mWTS103v - rescaled cross-sectional weight for all - US reduced sample

mWTS403v - rescaled cross-sectional weights for current dual users - US reduced sample

mWTS303v - rescaled cross-sectional weights for current e-cigarette users - US reduced sample

mWTS503v - rescaled cross-sectional weights for quitters - US reduced sample

mWTS203v - rescaled cross-sectional weights for current cigarette smokers -US reduced sample

mWTS603v - rescaled cross-sectional weights for all users - US reduced sample

mWTS161v - rescaled longitudinal weight for V1-V3 continuers-all - US reduced sample

mWTS461v - rescaled longitudinal weight for V1-V3 continuers-dual users - US reduced sample

mWTS361v - rescaled longitudinal weight for V1-V3 continuers-ecigarette users - US reduced sample

mWTS561v - rescaled longitudinal weight for V1-V3 continuers-quitters - US reduced sample

mWTS261v - rescaled longitudinal weight for V1-V3 continuers-smokers - US reduced sample

mWTS661v - rescaled longitudinal weight for V1-V3 continuers-all users - US reduced sample

mWTS163v - rescaled longitudinal weight for V2-V3 continuers-all - US reduced sample

mWTS463v - rescaled longitudinal weight for V2-V3 continuers-dual users - US reduced sample
mWTS363v - rescaled longitudinal weight for V2-V3 continuers-ecigarette users - US reduced sample
mWTS563v - rescaled longitudinal weight for V2-V3 continuers-quitters - US reduced sample
mWTS263v - rescaled longitudinal weight for V2-V3 continuers-smokers - US reduced sample
mWTS663v - rescaled longitudinal weight for V2-V3 continuers-all users - US reduced sample
mWTS305v - rescaled cross-sectional weights for current e-cigarette users - AU e-cigarette users
mWTS405v - rescaled cross-sectional weights for current dual users - AU e-cigarette users
mWTS505v - rescaled cross-sectional weights for quitters who use e-cigarettes - AU e-cigarette users
mWTS181v - rescaled longitudinal weight for V1-V3 continuers - AU e-cigarette users
mWTS481v - rescaled longitudinal weight for V1-V3 continuers-dual users - AU e-cigarette users
mWTS381v - rescaled longitudinal weight for V1-V3 continuers-ecigarette users - AU e-cigarette users
mWTS581v - rescaled longitudinal weight for V1-V3 continuers-quitters - AU e-cigarette users
mWTS183v - rescaled longitudinal weight for V2-V3 continuers - AU e-cigarette users
mWTS483v - rescaled longitudinal weight for V2-V3 continuers-dual users - AU e-cigarette users
mWTS383v - rescaled longitudinal weight for V2-V3 continuers-ecigarette users - AU e-cigarette users
mWTS583v - rescaled longitudinal weight for V2-V3 continuers-quitters - AU e-cigarette users

3.2 France 2 FRA

The International Tobacco Control (ITC) France 2 (FRA) survey has had 1 wave of data collection so far that was conducted in 2019.

The International Tobacco Control (ITC) France (FR) survey was a precursor to the FRA survey that ended in 2012.

3.2.1 FRA Core

Variable Name	Description
cohort	Wave of Recruitment of Respondent
gender	Gender of Respondent at Recruitment
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
country	ITC Country Code : 41 - France
inM1	Used to indicate that Respondent was recruited in Wave 1
aStrata	Strata Region of the 9 of France of Respondent at Wave 1
aRegion	Region of France of Respondent at Wave 1

Table 15: Derived Variables for the core dataset at wave 1 of the ITC France (FRA) Survey.

3.2 France 2 FRA

cohort - Wave of Recruitment of Respondent

gender - Gender of Respondent

- 1 Male
- 2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-34 years old
- 2 35-44 years old
- 3 45-54 years old
- 4 55 years and older

country - ITC Country Code : 41 - France

inM1 - Used to indicate that Respondent was recruited in Wave 1

- 0 Absent/excluded
- 1 Present/included
- 7 NA

aStrata - Strata Region of the 9 of France of Respondent at Wave 1

- 1 Ile-de-France
- 2 Bassin Parisien Ouest
- 3 Bassin Parisien Est
- 4 Nord – Pas-de-Calais
- 5 Est
- 6 Ouest
- 7 Sud-Ouest
- 8 Centre (Sud)-Est
- 9 Méditerranée

aRegion - Region of France of Respondent at Wave 1

- 1 Île-de-France
- 2 Basse Normandie
- 3 Haute Normandie
- 4 Centre
- 5 Picardie

3.2 France 2 FRA

- 6 Champagne
- 7 Bourgogne
- 8 Nord – Pas-de-Calais
- 9 Lorraine
- 10 Alsace
- 11 France-Comté
- 12 Pays de la Loire
- 13 Bretagne
- 14 Poitou-Charentes
- 15 Aquitaine
- 16 Midi-Pyrénées
- 17 Limousin
- 18 Rhône-Alpes
- 19 Auvergne
- 20 Languedoc-Roussillon
- 21 Provence-Alpes-Côtes D’Azur
- 22 Corse
- 23 Other
- 77 Not Applicable
- 88 Refused
- 99 Don’t know

3.2.2 France FRA1

The ITC France FRA1 study was conducted in 2019 from October 31 to December 17. For more information see the technical report which can be found [here](#).

Variable Name	Label
aUserGrp	Wave 1 User Group
aWTS41101v	rescaled cross-sectional weight for all
aWTS41201v	rescaled cross-sectional weight for smokers
aWTS41801v	rescaled cross-sectional weight for non-smokers
aremoved	Removed as a speeder using point2 system
aAGE	age
aAGEGRP	age at recruitment (categorical)
aGENDER	derived gender variable with 1=male
aFRREGION	region in France
aDE41060V	conversion to 9 regions in France
aFR41309V	smoking status (derived)
aFR41305	simplified smoking status (derived)
aFR41245v	cigs per day (continuous, imputed for all smokers)
aFR41245vadj	cigs per day adj (continuous, imputed for all smokers >100 set to 100)
aFR41250v	cigs per day (categorical)
aSB41012v	Time to the first cig after waking (derived)
aFR41260v	Heaviness of Smoking Index (HSI)
aDE41311v	highest level of education (adjusted)
aDE41312V	Highest level of education (derived)
aDE41212v	Income categories
aBR41309V	usual brand FM or RYO (derived)
aFR41327V	last-purchased brand – cigs vs RYO derived
aEC41167v	e-liquid flavour:used more often - including if only one selected

Table 16: Derived Variables for wave 1 of the ITC France (FRA) Survey.

aUserGrp - Wave 1 User Group, used for weighting

- smoker
- non-smoker

aWTS41101v - rescaled cross-sectional weight for all users (For more information, see weight document [\(link\)](#))

aWTS41201v - rescaled cross-sectional weight for smokers (For more information, see weight document [\(link\)](#))

aWTS41801v - rescaled cross-sectional weight for non-smokers (For more information, see weight document [\(link\)](#))

aremoved - Removed as a speeder using point2 system which indicates records with a very small Seconds Per Question or a very high percentage of questions responded that have been responded with Refused or Don't Know.

- 1 Yes
- 2 No

aAGE - age of respondent.

Continuous

aAGEGRP - respondents age at recruitment (categorical)

- 1 18-34 years old
- 2 35-44 years old
- 3 45-54 years old
- 4 55 years and older

aGENDER - gender variable with 1=male, derived by analysts for cross-country consistency.

- 1 Male
- 2 Female

aFRREGION - region in France where respondent currently lives.

- 01 Île-de-France
- 02 Basse Normandie
- 03 Haute Normandie
- 04 Centre
- 05 Picardie
- 06 Champagne
- 07 Bourgogne
- 08 Nord – Pas-de-Calais

3.2 France 2 FRA

3 ACTIVE PROJECTS

- 09 Lorraine
- 10 Alsace
- 11 France-Comté
- 12 Pays de la Loire
- 13 Bretagne
- 14 Poitou-Charentes
- 15 Aquitaine
- 16 Midi-Pyrénées
- 17 Limousin
- 18 Rhône-Alpes
- 19 Auvergne
- 20 Languedoc-Roussillon
- 21 Provence-Alpes-Côtes D'Azur
- 22 Corse
- 23 Other
- 88 Refused
- 99 Don't know

aDE41060V - convert aFRREGION to 9 broader regions in France

- 1 Ile-de-France (aFRREGION=01)
- 2 Bassin Parisien Ouest (aFRREGION=02-04)
- 3 Bassin Parisien Est (aFRREGION=05-07)
- 4 Nord – Pas-de-Calais (aFRREGION=08)
- 5 Est (aFRREGION=09-11)
- 6 Ouest (aFRREGION=12-14)
- 7 Sud-Ouest (aFRREGION=15-17)
- 8 Centre (Sud)-Est (aFRREGION=18-19)
- 9 Méditerranée (aFRREGION=20-22)

aFR41309V - smoking status

- 1 Daily smoker (FR225=1 and BI345=1)
- 2 Weekly smoker (FR225=2 and BI345=1)
- 3 Monthly smoker (FR225=3 and BI345=1)
- 9 Non-smoker, including long-term quitters ((FR225=6) or (FR225=5 and QA439=6))

aFR41305 - simplified smoking status

- 1 Smoker (FR309v=1-3)

2 Non-smoker (FR309v=9)

aFR41245v - cigarettes per day (continuous, imputed for all smokers)

Continuous

aFR41245vadj - cigarettes per day adj (continuous, imputed for all smokers >100 set to 100)

Continuous

aFR41250v - cigarettes per day (categorical)

0 0-10

1 11-20

2 21-30

3 >30

aSB41012v - Time to the first cigarette after waking

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

aFR41260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aDE41311v - highest level of education (adjusted)

What is the highest level of formal education that you have completed? (adjusted – open ends coded into categories where possible)

01 No education (Aucun diplôme)

02 Elementary school (Certificat d'études primaires)

03 5/6 high sch - applied/trades (CAP)

04 1/2 of high sch – academic (BEPC)

05 1/2 high sch - applied/trades (BEP)

06 Compl high sch – academic (Bac – technique)

07 Compl high sch - applied/trades (Bac – professionnel)

08 Compl high sch – academic (Bac – general)

09 Some university (Bac + 2 – DEUG, DUT, BTS)

10 Compl university (Bac + 3 – Licence)

3.2 France 2 FRA

3 ACTIVE PROJECTS

- 11 Masters degree (Bac + 4 – maîtrise)
- 12 > masters, < Ph.D. (Bac + 5 à Bac + 7)
- 13 Ph.D. and/or post-doc (Bac + 8 ou plus)
- 14 Compl univ – Engineering (Ecole d'ing)
- 15 Compl univ – uncert inst (Diplôme non éducation nationale)
- 16 Other diploma (specify)
- 88 Refused
- 99 Don't know

aDE41312V - Highest Level of Education (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

aDE41212v - Level of Household Income (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

aBR41309V - Usual brand questions asked about FM vs RYO

If FR326=1 or BR309=1, 8 or 9, BR309v=1.

If FR326=2 or BR309=2, BR309v=2.

- 1 Asked about factory-made
- 2 Asked about RYO

aFR41327V - last-purchased brand of cigarettes: factory-made vs RYO

If FR326=1 or FR327=1, FR327v=1.

If FR326=2 or FR327=2, FR327v=2.

If FR327=3, FR327v=3.

If FR327=8 or 9, FR327v=.

- 1 Factory-made cigarettes
- 2 Roll-your-own tobacco
- 3 Both

aEC41167v - e-liquid flavour:used used [most] often in last 30 days. - including if only one selected

If more than one of EC166-EC163=1, then EC167v=EC167.

Otherwise, EC167v=flavour corresponding to the single variable in EC166-EC163 that was endorsed.
e.g. If EC166=1 (and EC149-EC163=2, 8 or 9), then EC167v=01 (no flavour).

3.3 Spain 2.5 ES

The International Tobacco Control (ITC) Spain (ES) survey had 2 waves of data collection as part of the ITC 6 European Country (6E) that were conducted in 2016 and 2018.

ES 2.5 is a wave of data that was conducted in Spain only between June 9th and August 5th 2021.

3.3.1 ES Core

Variable Name	Description
country	ITC Country Code
cohort	Wave of Recruitment of Respondent
urban	degree of urbanization
urban_6e	degree of urbanization (from 6E data)
VARSTRATW25	sampling stratum (at Wave 2.5)
VARPSUW25	primary sampling unit (for Wave 2.5 analysis)
VARSTRAT_6e	sampling stratum (from 6E data)
VARPSU_6e	primary sampling unit (for Wave 1 and 2 analysis) (from 6E data)
gender	Gender of Respondent at Recruitment
aage	Age at Recruitment of Respondent (Continuous) (from (from 6E data)
aagegrp	Age at Recruitment of Respondent (Categorical) (from 6E data)
arSmoke	smoking status at time of recruitment (from 6E data)
bage	Age of Respondent at Wave 2 (from 6E data)
bagegrp	Age of Respondent at Wave 2 (Categorical) (from 6E data)
brSmoke	smoking status at Wave 2 (from 6E data)
bbage	Age of Respondent at Wave 2.5
bbagegrp	Age of Respondent at Wave 2.5 (Categorical)
bbrSmoke	smoking status at Wave 2.5
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM25	Respondent was recontacted at Wave 2.5
inP25	Respondent was recruited via replenishment at Wave 2.5

Table 17: Derived Variables for the core dataset at wave 2.5 of the ITC Spain (ES) Survey.

3.3 Spain 2.5 ES

country - ITC Country Code

46 Spain

cohort - Wave of Recruitment of Respondent

1 Wave 1 (from (from 6E data) data)

2 Wave 2 (from (from 6E data) data)

2.5 Wave 2.5 (Spain Only)

urban - degree of urbanization

1 Urban

2 Intermediate

3 Rural

urban_6e - degree of urbanization (from 6E data)

1 Urban

2 Intermediate

3 Rural

VARSTRATW25 - sampling stratum at Wave 2.5

Continuous

VARSTRAT_6e - sampling stratum (from 6E data)

Continuous

VARPSU_6e - primary sampling unit (for longitudinal Wave 1-Wave 2 analysis and any Wave 1 or Wave 2 analysis)

Continuous

gender - Gender of Respondent at Recruitment

1 Male

2 Female

aage - Age at Recruitment of Respondent at Wave 1 (from 6E data)

Continuous

aagegrp - Age at Recruitment of Respondent at Wave 1 (Categorical) (from 6E data)

1 18-24

2 25-39

3 40-54

4 55+

arSmoke - smoking status at time of recruitment at Wave 1 (from 6E data)

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker

bage - Age at Recruitment of Respondent at Wave 2 (from 6E data)

Continuous

bagegrp - Age at Recruitment of Respondent at Wave 2 (Categorical) (from 6E data)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

brSmoke - smoking status at time of recruitment at Wave 2 (from 6E data)

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Less than monthly smoker
- 5 Quit in last month
- 6 Quit in last 1-6 months
- 7 Quit more than 6 months ago

bbage - Age of Respondent at Wave 2.5

Continuous

bbagegrp - Age of Respondent at Wave 2.5 (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

bbrSmoke - smoking status of respondent at Wave 2.5

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Less than monthly smoker
- 5 Quit in last month

3.3 Spain 2.5 ES

6 Quit in last 1-6 months

7 Quit more than 6 months ago

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

inM2 - Respondent was recontacted at Wave 2

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

inM25 - Respondent was recontacted at Wave 2.5

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

inP25 - Respondent was recruited via replenishment at Wave 2.5

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

3.3.2 Spain ES25

The ITC Spain ES2.5 study was conducted from June 9, 2021 to August 5, 2021. This half wave was conducted using sample from Spain to the ITC 6E survey. For more information see the technical report which can be found [here](#).

Variable Name	Label
bbWTS46915v	Wave 2.5 cross-sectional inflation weight
bbWTS46919v	Wave 2.5 cross-sectional rescaled weight
bbWTS46921v	Wave 1-2-2.5 longitudinal weight (inflation weight)
bbWTS46951v	Wave 1-2-2.5 rescaled longitudinal weight
bbWTS46923v	Wave 2-2.5 longitudinal weight (inflation weight)
bbWTS46953v	Wave 2-2.5 rescaled longitudinal weight
bbFR46309v	smoking status
bbFR46245v	cigarettes smoked per day (continuous imputed for all smokers)
bbFR46250v	cigarettes smoked per day (categorical)
bbSB46012v	Time to the first cig after waking (derived) (derived, categorical)
bbFR46260v	heaviness of smoking index (HSI)
bbQA46331v	attempts to quit in past 12 months
bbEC46310v	E-cigarette (EC) Status
bbDE46312v	Highest level of education (derived)
bbDE46212v	monthly household income categories (derived)

Table 18: Derived Variables for wave 2.5 of the ITC Spain (ES) Survey.

bbWTS46915v - Wave 2.5 inflation cross-sectional weights

bbWTS46919v - Wave 2.5 rescaled cross-sectional weights

bbWTS46921v - Wave 1-2-2.5 longitudinal weight (inflation weight)

bbWTS46951v - Wave 1-2-2.5 rescaled longitudinal weight

bbWTS46923v - Wave 2-2.5 longitudinal weight (inflation weight)

bbWTS46953v - Wave 2-2.5 rescaled longitudinal weight

bbFR46309 - smoking status

- 1 Daily smoker (FR225=1)
- 2 Weekly smoker (FR225=2)
- 3 Monthly smoker (FR225=3)
- 4 Less than monthly smoker (FR225=4)
- 5 Quit in last month (QA439=1)
- 6 Quit in last 1-6 months (QA439=2-3)
- 7 Quit more than 6 months ago (QA439=4-8)

bbFR46245v - Cigarettes per day (continuous, imputed for all smokers)

Continuous

bbFR46250v - Cigarettes per day (categorical)

- 0 0-10
- 1 11-20
- 2 21-30
- 3 >30

bbSB46012v - Time to the first cigarette after waking

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

bbFR46260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bbQA46331v - attempts to quit in past 12 months

if QA450 = (1,2,3,4,5,6, or 9) then QA331v = 1 if (QA450 = (1,2,3,4,5)).

if QA331 = (2 or 9) then QA331v = 0.

if QA101 = 2 then QA331v = 0.

if FR309v = (5 or 6) and (QA331v is missing) then QA331v = 1.

else if FR309v = 7 and QA439 = (1,2,3,4) then QA331v = 1.

else if FR309v = 7 and QA439 = (5,6,7,8,88,99 or missing) then QA331v = 0.

0 Has not tried to quit in last 12 months

1 Tried to quit last 12 months

bbFR46310 - E-cigarette (EC) status

if NC302 = 2 or 3 then EC310v = 9.

if NC304 = (1,2,3,4) then EC310v = NC304.

else if NC304 = 5 then EC310v = 9.

else if NC304 = 9 then EC310v = 99.

1 Daily

2 Weekly

3 Monthly

4 Less than monthly

9 Non-user

bbDE41312V - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

bbDE41212v - Monthly Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

3.4 India IN

The International Tobacco Control (ITC) India (IN) survey has had 3 waves of data collection that were conducted between 2010 and 2019. All waves in this study have separate samples which means that they have separate data sets for tobacco users (tob) and non-tobacco users (non).

3.4.1 IN Core

Variable Name	Description
country	ITC Country Code : 61 - IN
cohort	Wave of Recruitment of Respondent
state	state
urban	urban/rural
district	district
subdistrict	subdistrict/ward
village	EB (urban areas)/village (rural areas)
Strata	Strata
psu	primary sampling unit Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
language	Language
tobaccoStatus	type of tobacco user at recruitment
inM1	Respondent present in Wave 1
inM2	Respondent present in Wave 2 re-contact
inP2	Respondent present in Wave 2 replenishment
inM3	Respondent present in Wave 3 re-contact
inP3	Respondent present in Wave 2 replenishment
lost	Wave when respondent was lost to attrition
releaseDate	dataset release date/modification date
redcap	Surveyed by REDCAP at wave 3

Table 19: Derived Variables for the core dataset at wave 1 of the ITC India (IN) Survey.

3.4 India IN

country - ITC Country Code : 61 - IN

cohort - Wave of Recruitment of Respondent

state - state

10 Bihar

19 West Bengal

23 Madhya Pradesh

27 Maharashtra

urban - urban/rural

1 Urban

2 Rural

district - district

Continuous

subdistrict - subdistrict/ward

Continuous

village - EB (urban areas)/village (rural areas)

Continuous

Strata - Strata

Continuous

psu - primary sampling unit Respondent

Continuous

sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

0 15-17

1 18-24

2 25-39

3 40-54

4 55+

language - Language

1 English

2 Marathi

3 Hindi

4 Bengali

tobaccoStatus - type of tobacco user at recruitment

1 Smoked tobacco

2 Mixed use

3 Smokeless

4 Non-user

5 Quitter (any type)

inM1 - Respondent present in Wave 1

inM2 - Respondent present in Wave 2 re-contact

inP2 - Respondent present in Wave 2 replenishment

inM3 - Respondent present in Wave 3 re-contact

inP3 - Respondent present in Wave 2 replenishment

inM1, inM2, inP2, inM3, and inP3 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

lost - Wave when respondent was lost to attrition

releaseDate - dataset release date/modification date

redcap - Surveyed by REDCAP at wave 3

0 Not Surveyed by REDCAP at wave 3

1 Surveyed by REDCAP at wave 3

3.4.2 India IN1

The ITC India IN1 study was conducted from August 9, 2010 to October 18, 2011. For more information see the technical report which can be found [here](#). Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
aDE61915v	City/area level cross-sectional inflation weight for Wave 1
aDE61919v	Re-scaled Wave 1 cross-sectional weight
aTF61795v	type of tobacco user
aFR61309v	cigarette smoking status
aFR61245v	cigarettes smoked per day (derived)
aFR61250v	cigarettes smoked per day (derived categorical measure)
aTF61309v	bidi smoking status
aTF61045v	bidis smoked per day (derived)
aTF61050v	bidis smoked per day (derived categorical measure)
aTF61741v	smokeless status (derived)
aTF61745v	smokeless per day (derived)
aTF61750v	smokeless per day (derived categorical measure)
aSB61903v	time to first smoked tobacco of the day (derived)
aSB61923v	time to first smokeless tobacco of the day (derived)
aAQ61365v	any attempts to quit smoked tobacco in the last year (derived)
aAQ61665v	any attempts to quit smokeless tobacco in the last year (derived)
aPU61608v	total number of packs purchased (derived)
aPU61605v	number of cigarettes per pack (derived)
aPU61607v	total number of cigarettes purchased (derived)
aPU61621v	price paid for total cigarette purchase in local currency units (derived)
aPU61623v	price paid per cigarette in local currency units (derived)
aPU61625v	price paid for total cigarette purchase in US dollars, purchasing power parity (derived)
aPU61627v	price paid per cigarette in US dollars, purchasing power parity (derived)

Table 20: Derived Variables for wave 1 of the ITC India (IN) Survey. (b)

Variable Name	Label
aLP61242v	total bidi packs purchased
aLP61243v	number of bidis per pack (derived)
aLP61244v	total number of bidis purchased (derived)
aLP61245v	price paid for total bidi purchase in local currency units (derived)
aLP61246v	price paid per bidi in local currency units (derived)
aLP61247v	price paid for total bidi purchase in US dollars, purchasing power parity (derived)
aLP61248v	price paid per bidi in US dollars, purchasing power parity (derived)
aLP61635v	total number of smokeless pouches purchased
aLP61642v	price paid per pouch of smokeless tobacco in local currency units (derived)
aLP61643v	price paid per pouch of smokeless tobacco in US dollars, purchasing power parity (derived)
aLP61644v	price paid for total smokeless purchase in local currency units (derived)
aLP61645v	price paid for total smokeless purchase in US dollars, purchasing power parity (derived)
aDE61212v	monthly household income (derived)
aDE61312v	highest level of education (derived)

Table 21: Derived Variables for wave 1 of the ITC India (IN) Survey. (a)

3.4 India IN

3 ACTIVE PROJECTS

aDE61915v - City/area level cross-sectional inflation weight for Wave 1

aDE61919v - Re-scaled Wave 1 cross-sectional weight

aTF61795v - type of tobacco user

- 1 Smoked tobacco
- 2 Mixed use
- 3 Smokeless
- 4 Non-user
- 5 Quitter (any type)

aFR61309v - cigarette smoking status

- 1 daily smoker
- 2 less than daily smoker
- 3 less than weekly smoker
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

aFR61245v - cigarettes smoked per day

Continuous

aFR61250v - cigarettes smoked per day (derived categorical measure)

- 0 <=10 sticks/day
- 1 11-20 sticks/day
- 2 21-30 sticks/day
- 3 >30 sticks/day

aTF61309v - bidi smoking status

- 1 daily smoker
- 2 less than daily smoker
- 3 less than weekly smoker
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

aTF61045v - bidis smoked per day

3.4 India IN

Continuous

aTF61050v - bidis smoked per day (derived categorical measure)

- 0 <=10 sticks/day
- 1 11-20 sticks/day
- 2 21-30 sticks/day
- 3 >30 sticks/day

aTF61741v - smokeless status (derived)

- 1 daily user
- 2 less than daily user
- 3 less than weekly user
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

aTF61745v - smokeless per day

Continuous

aTF61750v - smokeless per day (derived categorical measure)

- 0 <=10/day
- 1 11-20/day
- 2 21-30/day
- 3 >30/day

aSB61903v - time to first smoked tobacco of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 88 REFUSED
- 99 DON'T KNOW

aSB61923v - time to first smokeless tobacco of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min

3.4 India IN

3 ACTIVE PROJECTS

3 5 min or less

88 REFUSED

99 DON'T KNOW

aAQ61365v - any attempts to quit smoked tobacco in the last year (derived)

1 made an attempt to quit in past year

2 did not make an attempt to quit in past year

aAQ61665v - any attempts to quit smokeless tobacco in the last year (derived)

1 made an attempt to quit in past year

2 did not make an attempt to quit in past year

aPU61608v - total number of packs purchased (derived)

Continuous

aPU61605v - number of cigarettes per pack (derived)

Continuous

aPU61607v - total number of cigarettes purchased (derived)

Continuous

aPU61621v - price paid for total cigarette purchase in local currency units (derived)

Continuous

aPU61623v - price paid per cigarette in local currency units (derived)

Continuous

aPU61625v - price paid for total cigarette purchase in US dollars, purchasing power parity (derived)

Continuous

aPU61627v - price paid per cigarette in US dollars, purchasing power parity (derived)

Continuous

aLP61242v - total bidi packs purchased

Continuous

aLP61243v - number of bidis per pack (derived)

Continuous

aLP61244v - total number of bidis purchased (derived)

Continuous

aLP61245v - price paid for total bidi purchase in local currency units (derived)

Continuous

aLP61246v - price paid per bidi in local currency units (derived)

Continuous

aLP61247v - price paid for total bidi purchase in US dollars, purchasing power parity (derived)

Continuous

aLP61248v - price paid per bidi in US dollars, purchasing power parity (derived)

Continuous

aLP61635v - total number of smokeless pouches purchased

Continuous

aLP61642v - price paid per pouch of smokeless tobacco in local currency units (derived)

Continuous

aLP61643v - price paid per pouch of smokeless tobacco in US dollars, purchasing power parity (derived)

Continuous

aLP61644v - price paid for total smokeless purchase in local currency units (derived)

Continuous

aLP61645v - price paid for total smokeless purchase in US dollars, purchasing power parity (derived)

Continuous

aDE61212v - monthly household income (derived)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

aDE61312v - highest level of education (derived)

- 1 Low
- 2 Moderate
- 3 High

3.4.3 India IN2

The ITC India IN2 study was conducted from October 9, 2012 to September 15, 2013. For more information see the technical report which can be found [here](#). Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
bTF61795v	type of tobacco user
bDE61915v	Wave 2 cross-sectional weight
bDE61919v	Re-scaled Wave 2 cross-sectional weight
bDE61921v	Wave 1 – Wave 2 longitudinal weight
bDE61951v	Re-scaled Wave 1 – Wave 2 longitudinal weight
bFR61309v	cigarette smoking status
bTF61309v	bidi smoking status
bTF61741v	smokeless status (derived)
bFR61245v	cigarettes smoked per day (derived)
bFR61250v	cigarettes smoked per day (derived categorical measure)
bTF61045v	bidis smoked per day (derived)
bTF61050v	bidis smoked per day (derived categorical measure)
bTF61745v	smokeless per day (derived)
bTF61750v	smokeless per day (derived categorical measure)
bSB61903v	time to first smoked tobacco of the day (derived)
bSB61923v	time to first smokeless tobacco of the day (derived)
bQA61358v	any attempts to quit smoked tobacco in the last year (derived)
bQA61658v	any attempts to quit smokeless tobacco in the last year (derived)
bPU61607v	total number of cigarettes purchased (derived)
bPU61609v	price paid for total cigarette purchase in local currency units (derived)
bPU61623v	price paid per cigarette in local currency units (derived)

Table 22: Derived Variables for wave 2 of the ITC India (IN) Survey. (a)

Variable Name	Label
bLP61244v	total number of bidis purchased (derived)
bLP61245v	price paid for total bidi purchase in local currency units (derived)
bLP61246v	price paid per bidi in local currency units (derived)
bLP61644v	price paid for total smokeless purchase in local currency units (derived)
bLP61647v	total amount of smokeless purchased (derived, by weight, in grams)
bLP61648v	price paid per gram for smokeless purchase in local currency units (derived)
bLP61635v	total number of smokeless pouches purchased (derived)
bLP61642v	price paid per pouch for smokeless purchase in local currency units (derived)
bPU61625v	price paid for total cigarette purchase in US dollars, purchasing power parity (derived)
bPU61627v	price paid per cigarette in US dollars, purchasing power parity (derived)
bLP61247v	price paid for total bidi purchase in US dollars, purchasing power parity (derived)
bLP61248v	price paid per bidi in US dollars, purchasing power parity (derived)
bLP61645v	price paid for total smokeless purchase in US dollars, purchasing power parity (derived)
bLP61643v	price paid per smokeless pouch in US dollars, purchasing power parity (derived)
bLP61649v	price paid per gram of smokeless in US dollars, purchasing power parity (derived)
bDE61312v	highest level of education (derived)
bDE61212v	monthly household income (derived)

Table 23: Derived Variables for wave 2 of the ITC India (IN) Survey. (b)

bTF61795v - type of tobacco user

- 1 Smoked tobacco
- 2 Mixed use
- 3 Smokeless
- 4 Non-user
- 5 Quitter (any type)

bDE61915v - Wave 2 cross-sectional weight

bDE61919v - Re-scaled Wave 2 cross-sectional weight

bDE61921v - Wave 1 – Wave 2 longitudinal weight

bDE61951v - Re-scaled Wave 1 – Wave 2 longitudinal weight

bFR61309v - cigarette smoking status

- 1 daily smoker
- 2 less than daily smoker
- 3 less than weekly smoker
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

bTF61309v - bidi smoking status

- 1 daily smoker
- 2 less than daily smoker
- 3 less than weekly smoker
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

bTF61741v - smokeless status (derived)

- 1 daily user
- 2 less than daily user
- 3 less than weekly user
- 4 quit < 1 month ago
- 5 quit 1-6 month ago

3.4 India IN

3 ACTIVE PROJECTS

6 quit 7-12 month ago

7 quit > 12 month ago

bFR61245v - cigarettes smoked per day (derived)

Continuous

bFR61250v - cigarettes smoked per day (derived categorical measure)

0 <=10 sticks/day

1 11-20 sticks/day

2 21-30 sticks/day

3 >30 sticks/day

bTF61045v - bidis smoked per day (derived)

Continuous

bTF61050v - bidis smoked per day (derived categorical measure)

0 <=10 sticks/day

1 11-20 sticks/day

2 21-30 sticks/day

3 >30 sticks/day

bTF61745v - smokeless per day (derived)

Continuous

bTF61750v - smokeless per day (derived categorical measure)

0 <=10/day

1 11-20/day

2 21-30/day

3 >30/day

bSB61903v - time to first smoked tobacco of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

88 REFUSED

99 DON'T KNOW

bSB61923v - time to first smokeless tobacco of the day (derived)

3.4 India IN

3 ACTIVE PROJECTS

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

88 REFUSED

99 DON'T KNOW

bQA61358v - any attempts to quit smoked tobacco in the last year (derived)

Continuous

bQA61658v - any attempts to quit smokeless tobacco in the last year (derived)

Continuous

bPU61607v - total number of cigarettes purchased (derived)

Continuous

bPU61609v - price paid for total cigarette purchase in local currency units (derived)

Continuous

bPU61623v - price paid per cigarette in local currency units (derived)

Continuous

bLP61244v - total number of bidis purchased (derived)

Continuous

bLP61245v - price paid for total bidi purchase in local currency units (derived)

Continuous

bLP61246v - price paid per bidi in local currency units (derived)

Continuous

bLP61644v - price paid for total smokeless purchase in local currency units (derived)

Continuous

bLP61647v - total amount of smokeless purchased (derived, by weight, in grams)

Continuous

bLP61648v - price paid per gram for smokeless purchase in local currency units (derived)

Continuous

bLP61635v - total number of smokeless pouches purchased (derived)

Continuous

bLP61642v - price paid per pouch for smokeless purchase in local currency units (derived)

Continuous

bPU61625v - price paid for total cigarette purchase in US dollars, purchasing power parity (derived)

Continuous

bPU61627v - price paid per cigarette in US dollars, purchasing power parity (derived)

Continuous

bLP61247v - price paid for total bidi purchase in US dollars, purchasing power parity (derived)

Continuous

bLP61248v - price paid per bidi in US dollars, purchasing power parity (derived)

Continuous

bLP61645v - price paid for total smokeless purchase in US dollars, purchasing power parity (derived)

Continuous

bLP61643v - price paid per smokeless pouch in US dollars, purchasing power parity (derived)

Continuous

bLP61649v - price paid per gram of smokeless in US dollars, purchasing power parity (derived)

Continuous

bDE61312v - highest level of education (derived)

1 Low

2 Moderate

3 High

bDE61212v - monthly household income (derived)

1 Low

2 Moderate

3 High

4 Not Stated

3.4.4 India IN3

The ITC India IN3 study was conducted from July 30, 2018 to July 30, 2019. Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
cDE61923v	Wave 2 - Wave 3 longitudinal weight
cDE61953v	Re-scaled Wave 2 - Wave 3 longitudinal weight
cDE61921v_13	Wave 1 and Wave 3 longitudinal weight
cDE61951v_13	Re-scaled Wave 1 and Wave 3 longitudinal weight
cDE61921v	Wave 1 – Wave 2 - Wave 3 longitudinal weight
cDE61951v	Re-scaled Wave 1 – Wave 2 - Wave 3 longitudinal weight
cDE61915v	Wave 3 cross-sectional weight
cDE61919v	Re-scaled Wave 3 cross-sectional weight
cFR61309V	cigarette smoking status
cTF61309V	bidi smoking status
cTF61741V	smokeless status (derived)
cFR61245V	cigarettes smoked per day (derived)
cFR61250V	cigarettes smoked per day (derived categorical measure)
cTF61045V	bidis smoked per day (derived)
cTF61050V	bidis smoked per day (derived categorical measure)
cTF61745V	smokeless per day (derived)
cTF61750V	smokeless per day (derived categorical measure)
cSB61923V	time to first smokeless tobacco of the day (derived)
cPU61607v	total number of cigarettes purchased (derived)
cPU61609V	price paid for total cigarette purchase in local currency units (derived)
cPU61623V	price paid per cigarette in local currency units (derived)
cLP61244V	total number of bidis purchased (derived)
cLP61245V	price paid for total bidi purchase in local currency units (derived)
cLP61246V	price paid per bidi in local currency units (derived)

Table 24: Derived Variables for wave 3 of the ITC India (IN) Survey. (a)

Variable Name	Label
cLP61644v	price paid for total smokeless purchase in local currency units (derived)
cLP61647v	total amount of smokeless purchased (derived, by weight, in grams)
cLP61648v	price paid per gram for smokeless purchase in local currency units (derived)
cLP61635v	total number of smokeless pouches purchased (derived)
cLP61642v	price paid per pouch for smokeless purchase in local currency units (derived)
cLP61645v	price paid for total smokeless purchase in US dollars, purchasing power parity (derived)
cLP61643v	price paid per smokeless pouch in US dollars, purchasing power parity (derived)
cLP61649v	price paid per gram of smokeless in US dollars, purchasing power parity (derived)
cPU61625v	price paid for total cigarette purchase in US dollars, purchasing power parity (derived)
cPU61627v	price paid per cigarette in US dollars, purchasing power parity (derived)
cLP61247v	price paid for total bidi purchase in US dollars, purchasing power parity (derived)
cLP61248v	price paid per bidi in US dollars, purchasing power parity (derived)
cDE61312v	highest level of education (derived)
cDE61212v	monthly household income (derived)
cTF61795v	type of tobacco user

Table 25: Derived Variables for wave 3 of the ITC India (IN) Survey. (b)

cDE61923v - Wave 2 - Wave 3 longitudinal weight

cDE61953v - Re-scaled Wave 2 - Wave 3 longitudinal weight

cDE61921v_13 - Wave 1 and Wave 3 longitudinal weight

cDE61951v_13 - Re-scaled Wave 1 and Wave 3 longitudinal weight

cDE61921v - Wave 1 – Wave 2 - Wave 3 longitudinal weight

cDE61951v - Re-scaled Wave 1 – Wave 2 - Wave 3 longitudinal weight

cDE61915v - Wave 3 cross-sectional weight

cDE61919v - Re-scaled Wave 3 cross-sectional weight

cFR61309V - cigarette smoking status

- 1 daily smoker
- 2 less than daily smoker
- 3 less than weekly smoker
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

cTF61309V - bidi smoking status

- 1 daily smoker
- 2 less than daily smoker
- 3 less than weekly smoker
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

cTF61741V - smokeless status (derived)

- 1 daily user
- 2 less than daily user
- 3 less than weekly user
- 4 quit < 1 month ago
- 5 quit 1-6 month ago
- 6 quit 7-12 month ago
- 7 quit > 12 month ago

3.4 India IN

3 ACTIVE PROJECTS

cFR61245V - cigarettes smoked per day (derived)

Continuous

cFR61250V - cigarettes smoked per day (derived categorical measure)

0 <=10 sticks/day

1 11-20 sticks/day

2 21-30 sticks/day

3 >30 sticks/day

cTF61045V - bidis smoked per day (derived)

Continuous

cTF61050V - bidis smoked per day (derived categorical measure)

0 <=10 sticks/day

1 11-20 sticks/day

2 21-30 sticks/day

3 >30 sticks/day

cTF61745V - smokeless per day (derived)

Continuous

cTF61750V - smokeless per day (derived categorical measure)

0 <=10/day

1 11-20/day

2 21-30/day

3 >30/day

cSB61923V - time to first smokeless tobacco of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

88 REFUSED

99 DON'T KNOW

cPU61607v - total number of cigarettes purchased (derived)

Continuous

cPU61609V - price paid for total cigarette purchase in local currency units (derived)

Continuous

cPU61623V - price paid per cigarette in local currency units (derived)

Continuous

cLP61244V - total number of bidis purchased (derived)

Continuous

cLP61245V - price paid for total bidi purchase in local currency units (derived)

Continuous

cLP61246V - price paid per bidi in local currency units (derived)

Continuous

cLP61644v - price paid for total smokeless purchase in local currency units (derived)

Continuous

cLP61647v - total amount of smokeless purchased (derived, by weight, in grams)

Continuous

cLP61648v - price paid per gram for smokeless purchase in local currency units (derived)

Continuous

cLP61635v - total number of smokeless pouches purchased (derived)

Continuous

cLP61642v - price paid per pouch for smokeless purchase in local currency units (derived)

Continuous

cLP61645v - price paid for total smokeless purchase in US dollars, purchasing power parity (derived)

Continuous

cLP61643v - price paid per smokeless pouch in US dollars, purchasing power parity (derived)

Continuous

cLP61649v - price paid per gram of smokeless in US dollars, purchasing power parity (derived)

Continuous

cPU61625v - price paid for total cigarette purchase in US dollars, purchasing power parity (derived)

Continuous

cPU61627v - price paid per cigarette in US dollars, purchasing power parity (derived)

Continuous

cLP61247v - price paid for total bidi purchase in US dollars, purchasing power parity (derived)

Continuous

cLP61248v - price paid per bidi in US dollars, purchasing power parity (derived)

Continuous

cDE61312v - highest level of education (derived)

1 Low

2 Moderate

3 High

cDE61212v - monthly household income (derived)

1 Low

2 Moderate

3 High

4 Not Stated

cTF61795v - type of tobacco user

1 Smoked tobacco

2 Mixed use

3 Smokeless

4 Non-user

5 Quitter (any type)

3.5 Japan JP

The International Tobacco Control (ITC) Japan (JP) survey has had 4 waves of data collection that were conducted between 2018 and 2021.

3.5.1 JP Core

Variable Name	Description
country	ITC Country Code : 23 - Japan
cohort	Wave of Recruitment of Respondent
Sex	Gender of Respondent at Recruitment
RECage	Age at Recruitment of Respondent (Continuous)
RECageGrp	Age at Recruitment of Respondent (Categorical)
BIRTHDT	Respondents Birth Date
rsmoke	Respondents smoking status at recruitment
inM1	Respondent was recruited in Wave 1
aStrata	Strata of Respondent at Wave 1
aRegion	Japan Geo Region of Respondent at Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
bStrata	Strata of Respondent at Wave 2
bRegion	Japan Geo Region of Respondent at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
cStrata	Strata of Respondent at Wave 3
cRegion	Japan Geo Region of Respondent at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
dStrata	Strata of Respondent at Wave 4
dRegion	Japan Geo Region of Respondent at Wave 4

Table 26: Derived Variables for the core dataset at wave 4 of the ITC Japan (JP) Survey.

3.5 Japan JP

country - ITC Country Code : 23 - Japan

cohort - Wave of Recruitment of Respondent

Sex - Gender of Respondent at Recruitment

- 1 Male
- 2 Female

RECage - Age at Recruitment of Respondent

Continuous

RECageGrp - Age at Recruitment of Respondent (Categorical)

- 1 20-29 years old
- 2 30-39 years old
- 3 40-59 years old
- 4 60 years and older

BIRTHDT - Respondents Birth Date

Continuous

rsmoke - Respondents smoking status at recruitment

- 1 cigOnly
- 2 HNBonly
- 3 dual
- 4 nonUser
- 5 short term quitter using HNB at least weekly
- 6 short term quitter using HNB less than weekly

inM1 - Respondent was recruited in Wave 1

- 0 Absent/excluded
- 1 Present/included
- 7 NA

aStrata - Strata of Respondent at Wave 1

- 1 Hokkaido
- 2 Tohoku
- 3 Kanto
- 4 Chubu
- 5 Kansai

3.5 Japan JP

- 6 Chugoku
- 7 Shikoku
- 8 Kyushu_Okinawa

3 ACTIVE PROJECTS

aRegion - Japan Geo Region of Respondent at Wave 1

- 1 Hokkaido
- 2 Aomori
- 3 Iwate
- 4 Miyagi
- 5 Akita
- 6 Yamagata
- 7 Fukushima
- 8 Ibaraki
- 9 Tochigi
- 10 Gunma
- 11 Saitama
- 12 Chiba
- 13 Tokyo
- 14 Kanagawa
- 15 Niigata
- 16 Toyama
- 17 Ishikawa
- 18 Fukui
- 19 Yamanashi
- 20 Nagano
- 21 Gifu
- 22 Shizuoka
- 23 Aichi
- 24 Mie
- 25 Shiga
- 26 Kyoto
- 27 Osaka
- 28 Hyogo
- 29 Nara
- 30 Wakayama
- 31 Tottori

- 3.5 Japan JP
- 32 Shimane
 - 33 Okayama
 - 34 Hiroshima
 - 35 Yamaguchi
 - 36 Tokushima
 - 37 Kagawa
 - 38 Ehime
 - 39 Kochi
 - 40 Fukuoka
 - 41 Saga
 - 42 Nagasaki
 - 43 Kumamoto
 - 44 Oita
 - 45 Miyazaki
 - 46 Kagoshima
 - 47 Okinawa
 - 48 Other

inM2 - Respondent was recontacted at Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

bStrata - Strata of Respondent at Wave 2

- 1 Hokkaido
- 2 Tohoku
- 3 Kanto
- 4 Chubu
- 5 Kansai
- 6 Chugoku
- 7 Shikoku
- 8 Kyushu_Okinawa

3.5 Japan JP

3 ACTIVE PROJECTS

bRegion - Japan Geo Region of Respondent at Wave 2

- 1 Hokkaido
- 2 Aomori
- 3 Iwate
- 4 Miyagi
- 5 Akita
- 6 Yamagata
- 7 Fukushima
- 8 Ibaraki
- 9 Tochigi
- 10 Gunma
- 11 Saitama
- 12 Chiba
- 13 Tokyo
- 14 Kanagawa
- 15 Niigata
- 16 Toyama
- 17 Ishikawa
- 18 Fukui
- 19 Yamanashi
- 20 Nagano
- 21 Gifu
- 22 Shizuoka
- 23 Aichi
- 24 Mie
- 25 Shiga
- 26 Kyoto
- 27 Osaka
- 28 Hyogo
- 29 Nara
- 30 Wakayama
- 31 Tottori
- 32 Shimane
- 33 Okayama
- 34 Hiroshima

3.5 Japan JP

- 35 Yamaguchi
- 36 Tokushima
- 37 Kagawa
- 38 Ehime
- 39 Kochi
- 40 Fukuoka
- 41 Saga
- 42 Nagasaki
- 43 Kumamoto
- 44 Oita
- 45 Miyazaki
- 46 Kagoshima
- 47 Okinawa
- 48 Other

inM3 - Respondent was recontacted at Wave 3

- 0 Absent/excluded
- 1 Present/included
- 7 NA

inP3 - Respondent was recruited via replenishment at Wave 3

- 0 Absent/excluded
- 1 Present/included
- 7 NA

cStrata - Strata of Respondent at Wave 3

- 1 Hokkaido
- 2 Tohoku
- 3 Kanto
- 4 Chubu
- 5 Kansai
- 6 Chugoku
- 7 Shikoku
- 8 Kyushu_Okinawa

cRegion - Japan Geo Region of Respondent at Wave 3

- 1 Hokkaido

3.5 *Japan JP*

- 2 Aomori
- 3 Iwate
- 4 Miyagi
- 5 Akita
- 6 Yamagata
- 7 Fukushima
- 8 Ibaraki
- 9 Tochigi
- 10 Gunma
- 11 Saitama
- 12 Chiba
- 13 Tokyo
- 14 Kanagawa
- 15 Niigata
- 16 Toyama
- 17 Ishikawa
- 18 Fukui
- 19 Yamanashi
- 20 Nagano
- 21 Gifu
- 22 Shizuoka
- 23 Aichi
- 24 Mie
- 25 Shiga
- 26 Kyoto
- 27 Osaka
- 28 Hyogo
- 29 Nara
- 30 Wakayama
- 31 Tottori
- 32 Shimane
- 33 Okayama
- 34 Hiroshima
- 35 Yamaguchi
- 36 Tokushima

3 *ACTIVE PROJECTS*

3.5 Japan JP

- 37 Kagawa
- 38 Ehime
- 39 Kochi
- 40 Fukuoka
- 41 Saga
- 42 Nagasaki
- 43 Kumamoto
- 44 Oita
- 45 Miyazaki
- 46 Kagoshima
- 47 Okinawa
- 48 Other

inM4 - Respondent was recontacted at Wave 4

- 0 Absent/excluded
- 1 Present/included
- 7 NA

inP4 - Respondent was recruited via replenishment at Wave 4

- 0 Absent/excluded
- 1 Present/included
- 7 NA

dStrata - Strata of Respondent at Wave 4

- 1 Hokkaido
- 2 Tohoku
- 3 Kanto
- 4 Chubu
- 5 Kansai
- 6 Chugoku
- 7 Shikoku
- 8 Kyushu_Okinawa

dRegion - Japan Geo Region of Respondent at Wave 4

- 1 Hokkaido
- 2 Aomori
- 3 Iwate

3.5 Japan JP

- 4 Miyagi
- 5 Akita
- 6 Yamagata
- 7 Fukushima
- 8 Ibaraki
- 9 Tochigi
- 10 Gunma
- 11 Saitama
- 12 Chiba
- 13 Tokyo
- 14 Kanagawa
- 15 Niigata
- 16 Toyama
- 17 Ishikawa
- 18 Fukui
- 19 Yamanashi
- 20 Nagano
- 21 Gifu
- 22 Shizuoka
- 23 Aichi
- 24 Mie
- 25 Shiga
- 26 Kyoto
- 27 Osaka
- 28 Hyogo
- 29 Nara
- 30 Wakayama
- 31 Tottori
- 32 Shimane
- 33 Okayama
- 34 Hiroshima
- 35 Yamaguchi
- 36 Tokushima
- 37 Kagawa
- 38 Ehime

3.5 Japan JP

39 Kochi

40 Fukuoka

41 Saga

42 Nagasaki

43 Kumamoto

44 Oita

45 Miyazaki

46 Kagoshima

47 Okinawa

48 Other

3.5.2 Japan JP1

The ITC Japan JP1 study was conducted in 2018 (Includes Wave 1: February 3 to March 2 and Wave 1.5 June 12-20). For more information see the technical report which can be found [here](#).

Variable Name	Label
aJPQREGIONV	Japan geo region of respondent, collapsed (derived)
aFR23309V	smoking status (derived)
aFR23245v_ori	cigs per day (info from JP1.5)
aFR23245v	cigs per day (continuous, imputed for all smokers)
aFR23250v	cigs per day (categorical)
aFR23260v	Heaviness of Smoking Index (HSI)
aHN23309V	heat-not-burn status (derived)
aHN23012v	Time to the first HNB after waking (derived)
aHN23211V	most/last-used brand of heat-not-burn (derived)
aBR23309V	usual brand FM or RYO (derived)
aSB23012v	Time to the first cig after waking (derived)
aEF23005V	awareness of e-cigs (derived)
aNC23302V	ever used e-cigs (derived)
aUserGrp	
aWTS23100v	inflation cross-sectional weight for all
aWTS23201v	rescaled cross-sectional weights for current cig smokers
aWTS23401v	rescaled cross-sectional weights for current dual users
aWTS23701v	rescaled cross-sectional weights for current HNB users
aWTS23501v	rescaled cross-sectional weights for quitters (HNB+nonHNB)
aWTS23601v	rescaled cross-sectional weights for all tob users (cig+HNB)
aWTS23801v	rescaled cross-sectional weights for nonUsers
aWTS23101v	rescaled cross-sectional weight for all
aDE23212v	household income - derived
aDE23312v	education - derived

Table 27: Derived Variables for wave 1 of the ITC Japan (JP) Survey.

aJPQREGIONV - Japan geo region of respondent, collapsed (derived)

- 1 Hokkaido_Tohoku
- 2 Kanto
- 3 Chubu_Kansai
- 4 Chugoku_Shikoku_Kyushu_Okinawa

aFR23309V smoking status (derived)

- 1 Daily smoker (FR225=1 and BI345=1)
- 2 Weekly smoker (FR225=2 and BI345=1)
- 3 Monthly smoker (FR225=3 and BI345=1)
- 9 Non-smoker, including quitters ((FR225=4-6) or (FR225=1-3 and BI345=2))

aFR23245v_ori - cigarettes per day (info from JP1.5)

Continuous

aFR23245v - cigarettes per day (continuous, imputed for all smokers)

Continuous

aFR23250v - cigarettes per day (categorical)

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

aFR23260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aHN23309V - heat-not-burn status (derived)

- 1 Current Daily HNB user (HN140=1)
- 2 Current Weekly HNB user (HN140=2)
- 3 Current Occasional/ < weekly HNB user (HN140=3 or 4)
- 4 Quitter: past at-least-weekly user of HNB (HN140=5 and HN195=1-2)
- 5 Past Trier: used HNB more than once/ occasionally (HN140=5 and HN195=3-4)
- 6 Past Trier: used HNB only once (HN140=5 and HN195=5)
- 7 Never Tried HNB (HN106=2)
- 8 Never Heard of HNB (HN103=2)

3.5 Japan JP

3 ACTIVE PROJECTS

aHN23012v - Time to the first heat-not-burn after waking (derived)

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

aHN23211V - most/last-used brand of heat-not-burn (derived)

- 1 iQOS
- 2 glo
- 3 Ploom TECH
- 4 Other (specify)
- 8 Refused
- 9 Don't know

aBR23309V - usual brand FM or RYO (derived)

- 1 Factory-made cigarettes
- 2 Rolling tobacco
- 8 Refused
- 9 Don't know

aSB23012v - Time to the first cigarette after waking (derived)

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

aEF23005V - awareness of e-cigarettes (derived)

- 1 Yes, heard of
- 2 No, haven't heard of

aNC23302V - ever used e-cigarettes (derived)

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aUserGrp

- 1 CigOnly

3.5 Japan JP

2 HNBOonly

3 dual

4 nonUser

5 short term quitter using HNB at least weekly

6 short term quitter using HNB less than weekly

aWTS23100v - inflation cross-sectional weight for all

aWTS23201v - rescaled cross-sectional weights for current cigarette smokers

aWTS23401v - rescaled cross-sectional weights for current dual users

aWTS23701v - rescaled cross-sectional weights for current heat-not-burn users

aWTS23501v - rescaled cross-sectional weights for quitters (heat-not-burn+non heat-not-burn)

aWTS23601v - rescaled cross-sectional weights for all tobacco users (cigarette+heat-not-burn)

aWTS23801v - rescaled cross-sectional weights for nonUsers

aWTS23101v - rescaled cross-sectional weight for all

aDE23212v - household income - derived

1 Low

2 Moderate

3 High

4 Not Stated

aDE23312v - education - derived

1 Low

2 Moderate

3 High

4 other/not Stated

3.5.3 Japan JP2

The ITC Japan JP2 study was conducted from December 7, 2018 to January 15, 2019. For more information see the technical report which can be found [here](#).

Variable Name	Label
bUserGrp	user group
bAGE	Age
bAGEGRP	age at recruitment (categorical)
bjPREGION	Japan geo region of respondent
bjPREGIONV	Japan geo region of respondent (derived)
bjPQREGIONV	Japan geo region of respondent, collapsed (derived)
bCIGLSD	specific LSD cigarette statuses that need to be screened for Wave 2 (derived)
bFR23142V	ever smoked at least monthly (derived)
bBI23345V	smoked 100 cigs in lifetime
bFR23309V	smoking status (derived)
bFR23245v	cigs per day (continuous, imputed for all smokers)
bFR23250v	cigs per day (categorical)
bFR23260v	Heaviness of Smoking Index (HSI)
bSB23012v	Time to the first cig after waking (derived)
bHN23309V	heat-not-burn status (derived)
bHN23211V	most/last-used brand of heat-not-burn (derived)
bHN23817V	Time since most-used HNB device was bought, in days (derived)
bSINCELSD	Time since [LSD] in days (derived)
bHN23818V	Time between [LSD] and purchase of HNB device (derived)
bBR23309V	usual brand FM or RYO (derived)

Table 28: Derived Variables for wave 2 of the ITC Japan (JP) Survey. (a)

Variable Name	Label
bWTS23100v	inflation cross-sectional weight for all
bWTS23101v	rescaled cross-sectional weight for all
bWTS23201v	rescaled cross-sectional weights for current cig smokers
bWTS23401v	rescaled cross-sectional weights for current dual users
bWTS23501v	rescaled cross-sectional weights for quitters (HNB+nonHNB)
bWTS23601v	rescaled cross-sectional weights for all tob users (cig+HNB)
bWTS23701v	rescaled cross-sectional weights for current HNB users
bWTS23801v	rescaled cross-sectional weights for nonUsers
bWTS23120v	inflation longitudinal weight for W1-W2 continuers-all
bWTS23121v	rescaled longitudinal weight for W1-W2 continuers-all
bWTS23221v	rescaled longitudinal weight for W1-W2 continuers-current cig smokers
bWTS23421v	rescaled longitudinal weight for W1-W2 continuers-dual users
bWTS23521v	rescaled longitudinal weight for W1-W2 continuers-quitters(HNB+nonHNB)
bWTS23621v	rescaled longitudinal weight for W1-W2 continuers-all tob users(cig+HNB)
bWTS23721v	rescaled longitudinal weight for W1-W2 continuers-current HNB users
bWTS23821v	rescaled longitudinal weight for W1-W2 continuers-nonUsers
bDE23212v	household income - derived
bDE23312v	education - derived

Table 29: Derived Variables for wave 2 of the ITC Japan (JP) Survey. (b)

3.5 Japan JP

3 ACTIVE PROJECTS

bUserGrp - user group

- 1 CigOnly
- 2 HNBOOnly
- 3 dual
- 4 nonUser
- 5 short term quitter using HNB at least weekly
- 6 short term quitter using HNB less than weekly

bAGE - Age

Continuous

bAGEGRP - age at recruitment (categorical)

- 1 20-29 years old
- 2 30-39 years old
- 3 40-59 years old
- 4 60 years and older

bJPREGION - Japan geo region of respondent

- 1 Hokkaido
- 2 Aomori
- 3 Iwate
- 4 Miyagi
- 5 Akita
- 6 Yamagata
- 7 Fukushima
- 8 Ibaraki
- 9 Tochigi
- 10 Gunma
- 11 Saitama
- 12 Chiba
- 13 Tokyo
- 14 Kanagawa
- 15 Niigata
- 16 Toyama
- 17 Ishikawa
- 18 Fukui
- 19 Yamanashi

3.5 Japan JP

- 20 Nagano
- 21 Gifu
- 22 Shizuoka
- 23 Aichi
- 24 Mie
- 25 Shiga
- 26 Kyoto
- 27 Osaka
- 28 Hyogo
- 29 Nara
- 30 Wakayama
- 31 Tottori
- 32 Shimane
- 33 Okayama
- 34 Hiroshima
- 35 Yamaguchi
- 36 Tokushima
- 37 Kagawa
- 38 Ehime
- 39 Kochi
- 40 Fukuoka
- 41 Saga
- 42 Nagasaki
- 43 Kumamoto
- 44 Oita
- 45 Miyazaki
- 46 Kagoshima
- 47 Okinawa
- 48 Other

bJPREGIONV - Japan geo region of respondent (derived)

- 1 Hokkaido (jpRegion=1)
- 2 Tohoku (jpRegion=2-7)
- 3 Kanto (jpRegion=8-14)
- 4 Chubu (jpRegion=15-23)
- 5 Kansai (jpRegion=24-30)

- 6 Chugoku (jpRegion=31-35)
- 7 Shikoku (jpRegion=36-39)
- 8 Kyushu/ Okinawa (jpRegion=40-47)

bJPQREGIONV - Japan geo region of respondent, collapsed (derived)

- 1 Hokkaido_Tohoku
- 2 Kanto
- 3 Chubu_Kansai
- 4 Chugoku_Shikoku_Kyushu_Okinawa

bCIGLSD - specific LSD cigarette statuses that need to be screened for Wave 2 (derived)

- 1 Smoker
- 9 Never a smoker
- 10 Inexperienced smoker
- 11 Past smoker

bFR23142V - ever smoked at least monthly (derived)

- 1 Yes, has ever smoked at least once a month
- 2 No, has never smoked at least once a month

bBI23345V - smoked 100 cigarettes in lifetime

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

bFR23309V - smoking status (derived)

For Rtype=C (Recontact):

- 01 Daily smoker: (FR225=1 and BI345v=1) or QA711=1.
- 02 Weekly smoker: (FR225=2 and BI345v=1) or QA711=2.
- 03 Monthly smoker: (FR225=3 and BI345v=1) or (CIGLSD=1 and FR225=4 and FR304=1) or QA711=3.
- 04 Quitter;30 days ago: CIGLSD=1 and [(FR225=4 and FR304=2) or (FR225=5 and (QA701=2 or QA706=1 or QA711=4))] and QA439=1.
- 05 Quitter 1-6 months ago: CIGLSD=1 and [(FR225=4 and FR304=2) or (FR225=5 and (QA701=2 or QA706=1 or QA711=4))] and QA439=2-3.
- 06 Quitter 7-11 months ago: CIGLSD=1 and [(FR225=4 and FR304=2) or (FR225=5 and (QA701=2 or QA706=1 or QA711=4))] and QA439=4.
- 07 Quitter 1-2 years ago: N/A at Wave 2.

08 Quitter more than 2 years ago: N/A at Wave 2.

09 Never-a-smoker: (CIGLSD=9 or 11) AND [[FR225=4-5 and (FR142v=2 or BI345v=2)] or FR225=6].

10 Inexperienced smoker: (CIGLSD=9-11 and FR225=1-3 and BI345v=2) or (CIGLSD=10 and FR225=4-5 and BI345v=2).

11 Past smoker: CIGLSD=9-11 and [(FR225=4 and FR142v=1 and BI345v=1) or (FR225=5 and FR142v=1 and BI345v=1 and (QA701=2 or QA706=1 or QA711=4))].

For Rtype=P (Replenishment):

01 Daily smoker: (FR225=1 and BI345v=1) or QA711=1.

02 Weekly smoker: (FR225=2 and BI345v=1) or QA711=2.

03 Monthly smoker (FR225=3 and BI345v=1) or QA711=3.

09 Never-a-smoker: [FR225=4-5 and (FR142v=2 or BI345v=2)] or FR225=6.

10 Inexperienced smoker: FR225=1-3 and BI345v=2.

11 Past smoker: (FR225=4 and FR142v=1 and BI345v=1) or [FR225=5 and FR142v=1 and BI345v=1 and (QA701=2 or QA706=1 or QA711=4)].

bFR23245v - cigarettes per day (continuous, imputed for all smokers)

Continuous

bFR23250v - cigarettes per day (categorical)

0 0-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 More than 31 cigarettes

bFR23260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bSB23012v - Time to the first cigarette after waking (derived)

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

bHN23309V - heat-not-burn status (derived)

1 Current Daily HNB user (HN140=1)

2 Current Weekly HNB user (HN140=2)

- 3 Current Occasional/ iweekly HNB user (HN140=3 or 4)
- 4 Quitter: past at-least-weekly user of HNB (HN140=5 and HN195=1-2)
- 5 Past Trier: used HNB more than once/ occasionally (HN140=5 and HN195=3-4)
- 6 Past Trier: used HNB only once (HN140=5 and HN195=5)
- 7 Never Tried HNB (HN106=2)
- 8 Never Heard of HNB (HN106=3)

bHN23211V - most/last-used brand of heat-not-burn (derived)

- 1 iQOS
- 2 glo
- 3 Ploom TECH
- 4 Other (specify)
- 8 Refused
- 9 Don't know

bHN23817V - Time since most-used heat-not-burn device was bought, in days (derived)

Continuous

bSINCELS - Time since [LSD] in days (derived)

Continuous

bHN23818V - Time between [LSD] and purchase of heat-not-burn device (derived)

Continuous

bBR23309V - usual brand FM or RYO (derived)

- 1 Factory-made cigarettes
- 2 Rolling tobacco
- 8 Refused
- 9 Don't know

bWTS23100v - inflation cross-sectional weight for all

bWTS23101v - rescaled cross-sectional weight for all

bWTS23201v - rescaled cross-sectional weights for current cigarette smokers

bWTS23401v - rescaled cross-sectional weights for current dual users

bWTS23501v - rescaled cross-sectional weights for quitters (heat-not-burn+non heat-not-burn)

bWTS23601v - rescaled cross-sectional weights for all tobacco users (cigarette+heat-not-burn)

bWTS23701v - rescaled cross-sectional weights for current heat-not-burn users

bWTS23801v - rescaled cross-sectional weights for nonUsers

bWTS23120v - inflation longitudinal weight for W1-W2 continuers-all

bWTS23121v - rescaled longitudinal weight for W1-W2 continuers-all

bWTS23221v - rescaled longitudinal weight for W1-W2 continuers-current cigarette smokers

bWTS23421v - rescaled longitudinal weight for W1-W2 continuers-dual users

bWTS23521v - rescaled longitudinal weight for W1-W2 continuers-quitters(heat-not-burn+non heat-not-burn)

bWTS23621v - rescaled longitudinal weight for W1-W2 continuers-all tobacco users(cigarette+heat-not-burn)

bWTS23721v - rescaled longitudinal weight for W1-W2 continuers-current heat-not-burn users

bWTS23821v - rescaled longitudinal weight for W1-W2 continuers-nonUsers

bDE23212v - household income - derived

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

bDE23312v - education - derived

- 1 Low
- 2 Moderate
- 3 High
- 4 other/not Stated

3.5.4 Japan JP3

The ITC Japan JP3 study was conducted in 2020 from May 16 to June 17. For more information see the technical report which can be found [here](#).

Variable Name	Label
cUsergrp	user group
cFR23309V	smoking status (derived)
cFR23305	simplified smoking status (derived)
cHN23309V	heat-not-burn status (derived)
cHN23211v	most/last-used brand of HNB (derived)
cFR23245v	cigs per day (continuous, imputed for all smokers)
cFR23250v	cigs per day (categorical)
cSB23012v	Time to the first cig after waking (derived)
cFR23260v	Heaviness of Smoking Index (HSI)
cAGE	age
cAGEGRP	age at current wave (categorical)
GENDER	derived gender variable with 1=male
cJPREGION	Japan geo region of respondent
cJPREGIONV	Japan geo region of respondent (derived)
cJPQREGIONV	Japan geo region of respondent, collapsed (derived)
cFR23143v	ever smoked at least monthly (derived)
cBI23345V	smoked 100 cigs in lifetime (derived)
cBR23309V	usual brand FM or RYO (derived)

Table 30: Derived Variables for wave 3 of the ITC Japan (JP) Survey. (a)

Variable Name	Label
cWTS23100v	inflation cross-sectional weight for all
cWTS23101v	rescaled cross-sectional weight for all
cWTS23201v	rescaled cross-sectional weights for current cig smokers
cWTS23401v	rescaled cross-sectional weights for current dual users
cWTS23501v	rescaled cross-sectional weights for quitters (HNB+nonHNB)
cWTS23601v	rescaled cross-sectional weights for all tob users (cig+HNB)
cWTS23701v	rescaled cross-sectional weights for current HNB users
cWTS23801v	rescaled cross-sectional weights for nonUsers
cWTS23120v	inflation longitudinal weight for W1-W3 continuers-all
cWTS23121v	rescaled longitudinal weight for W1-W3 continuers-all
cWTS23221v	rescaled longitudinal weight for W1-W3 continuers-current cig smokers
cWTS23421v	rescaled longitudinal weight for W1-W3 continuers-dual users
cWTS23521v	rescaled longitudinal weight for W1-W3 continuers-quitters(HNB+nonHNB)
cWTS23621v	rescaled longitudinal weight for W1-W3 continuers-all tob users(cig+HNB)
cWTS23721v	rescaled longitudinal weight for W1-W3 continuers-current HNB users
cWTS23821v	rescaled longitudinal weight for W1-W3 continuers-nonUsers
cWTS23122v	inflation longitudinal weight for W2-W3 continuers-all
cWTS23123v	rescaled longitudinal weight for W2-W3 continuers-all
cWTS23223v	rescaled longitudinal weight for W2-W3 continuers-current cig smokers
cWTS23423v	rescaled longitudinal weight for W2-W3 continuers-dual users
cWTS23523v	rescaled longitudinal weight for W2-W3 continuers-quitters(HNB+nonHNB)
cWTS23623v	rescaled longitudinal weight for W2-W3 continuers-all tob users(cig+HNB)
cWTS23723v	rescaled longitudinal weight for W2-W3 continuers-current HNB users
cWTS23823v	rescaled longitudinal weight for W2-W3 continuers-nonUsers
cDE23212v	household income - derived
cDE23312v	education - derived

Table 31: Derived Variables for wave 3 of the ITC Japan (JP) Survey. (b)

cUsergrp - user group

- 1 CigOnly
- 2 HNBOOnly
- 3 dual
- 4 nonUser
- 5 short term quitter using HNB at least weekly
- 6 short term quitter using HNB less than weekly

cFR23309V - smoking status (derived)

- 01 Daily smoker: (FR225=1 or QA711=1) and BI345v=1.
- 02 Weekly smoker: (FR225=2 or QA711=2) and BI345v=1.
- 03 Less than weekly smoker: (FR225=3-4 or QA711=3) and BI345v=1.
- 04 Quitter < 30 days ago: [((QA342=1-2) or FR225=5) and FR143v=1 and (QA701=2 or QA706=1 or QA711=4) and BI345v=1 and ... QA439=1.]
- 05 Quitter 1-6 months ago: . . . QA439=2-3.
- 06 Quitter 7-11 months ago: . . . QA439=4.
- 07 Quitter 1-2 years ago: . . . QA439=5.
- 08 Quitter more than 2 years ago: . . . QA439=6-8.
- 09 Never-a-smoker: [FR225=6 or [(FR225=5 OR QA342=1 or 2) and FR143v=2]].

cFR23305 - simplified smoking status (derived)

- 1 Smoker (FR309v=1-3)
- 2 Quitter (FR309v=4-8)
- 3 Non-smoker (FR309v=9)

cHN23309V - heat-not-burn status (derived)

- 1 Current Daily HNB user (HN140=1)
- 2 Current Weekly HNB user (HN140=2)
- 3 Current Occasional/ iweekly HNB user (HN140=3 or 4)
- 4 Quitter: past at-least-weekly user of HNB (HN140=5 and HN195=1-2)
- 5 Past Trier: used HNB more than once/ occasionally (HN140=5 and HN195=3-4)
- 6 Past Trier: used HNB only once (HN140=5 and HN195=5)
- 7 Never Tried HNB (HN106=2)
- 8 Never Heard of HNB (HN106=3)

cHN23211v - most/last-used brand of heat-not-burn (derived)

- 1 IQOS

3.5 Japan JP

2 glo (mini, pro or nano)

3 glo sens

4 Ploom TECH

5 Ploom TECH +

6 Ploom S

8 Pulze

19 [HN209o]

88 Refused

99 Don't know

cFR23245v - cigarettes per day (continuous, imputed for all smokers)

Continuous

cFR23250v - cigarettes per day (categorical)

0 0-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 More than 31 cigarettes

cSB23012v - Time to the first cigarette after waking (derived)

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

cFR23260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cAGE - age

Continuous

cAGEGRP - age at current wave (categorical)

1 20-29 years old

2 30-39 years old

3 40-59 years old

4 60 years and older

3.5 Japan JP

GENDER - derived gender variable with 1=male

- 1 Male
- 2 Female

cJPREGION - Japan geo region of respondent

- 1 Hokkaido
- 2 Aomori
- 3 Iwate
- 4 Miyagi
- 5 Akita
- 6 Yamagata
- 7 Fukushima
- 8 Ibaraki
- 9 Tochigi
- 10 Gunma
- 11 Saitama
- 12 Chiba
- 13 Tokyo
- 14 Kanagawa
- 15 Niigata
- 16 Toyama
- 17 Ishikawa
- 18 Fukui
- 19 Yamanashi
- 20 Nagano
- 21 Gifu
- 22 Shizuoka
- 23 Aichi
- 24 Mie
- 25 Shiga
- 26 Kyoto
- 27 Osaka
- 28 Hyogo
- 29 Nara
- 30 Wakayama
- 31 Tottori

- 3.5 Japan JP
- 32 Shimane
 - 33 Okayama
 - 34 Hiroshima
 - 35 Yamaguchi
 - 36 Tokushima
 - 37 Kagawa
 - 38 Ehime
 - 39 Kochi
 - 40 Fukuoka
 - 41 Saga
 - 42 Nagasaki
 - 43 Kumamoto
 - 44 Oita
 - 45 Miyazaki
 - 46 Kagoshima
 - 47 Okinawa
 - 48 Other

cJPREGIONV - Japan geo region of respondent (derived)

- 1 Hokkaido (jpRegion=1)
- 2 Tohoku (jpRegion=2-7)
- 3 Kanto (jpRegion=8-14)
- 4 Chubu (jpRegion=15-23)
- 5 Kansai (jpRegion=24-30)
- 6 Chugoku (jpRegion=31-35)
- 7 Shikoku (jpRegion=36-39)
- 8 Kyushu/ Okinawa (jpRegion=40-47)

cJPQREGIONV - Japan geo region of respondent, collapsed (derived)

- 1 Hokkaido_Tohoku
- 2 Kanto
- 3 Chubu_Kansai
- 4 Chugoku_Shikoku_Kyushu_Okinawa

cFR23143v - ever smoked at least monthly (derived)

- 1 Yes, has ever smoked at least once a month
- 2 No, has never smoked at least once a month

cBI23345V - smoked 100 cigarettes in lifetime (derived)

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

cBR23309V - usual brand FM or RYO (derived)

- 1 Factory-made cigarettes
- 2 Rolling tobacco
- 8 Refused
- 9 Don't know

cWTS23100v - inflation cross-sectional weight for all

cWTS23101v - rescaled cross-sectional weight for all

cWTS23201v - rescaled cross-sectional weights for current cigarette smokers

cWTS23401v - rescaled cross-sectional weights for current dual users

cWTS23501v - rescaled cross-sectional weights for quitters (heat-not-burn+non heat-not-burn)

cWTS23601v - rescaled cross-sectional weights for all tobacco users (cigarette+heat-not-burn)

cWTS23701v - rescaled cross-sectional weights for current heat-not-burn users

cWTS23801v - rescaled cross-sectional weights for nonUsers

cWTS23120v - inflation longitudinal weight for W1-W3 continuers-all

cWTS23121v - rescaled longitudinal weight for W1-W3 continuers-all

cWTS23221v - rescaled longitudinal weight for W1-W3 continuers-current cigarette smokers

cWTS23421v - rescaled longitudinal weight for W1-W3 continuers-dual users

cWTS23521v - rescaled longitudinal weight for W1-W3 continuers-quitters(heat-not-burn+non heat-not-burn)

cWTS23621v - rescaled longitudinal weight for W1-W3 continuers-all tobacco users(cigarette+heat-not-burn)

cWTS23721v - rescaled longitudinal weight for W1-W3 continuers-current heat-not-burn users

cWTS23821v - rescaled longitudinal weight for W1-W3 continuers-nonUsers

cWTS23122v - inflation longitudinal weight for W2-W3 continuers-all

cWTS23123v - rescaled longitudinal weight for W2-W3 continuers-all

cWTS23223v - rescaled longitudinal weight for W2-W3 continuers-current cigarette smokers

cWTS23423v - rescaled longitudinal weight for W2-W3 continuers-dual users

cWTS23523v - rescaled longitudinal weight for W2-W3 continuers-quitters(heat-not-burn+non heat-not-burn)

cWTS23623v - rescaled longitudinal weight for W2-W3 continuers-all tobacco users(cigarette+heat-not-burn)

cWTS23723v - rescaled longitudinal weight for W2-W3 continuers-current heat-not-burn users

cWTS23823v - rescaled longitudinal weight for W2-W3 continuers-nonUsers

cDE23212v - household income - derived

1 Low

2 Moderate

3 High

4 Not Stated

cDE23312v - education - derived

1 Low

2 Moderate

3 High

4 other/not Stated

3.5.5 Japan JP4

The ITC Japan JP4 study was conducted in 2021 from XXX to XXX.

Variable Name	Label
dUsergrp	user group
dFR23309V	smoking status (derived)
dFR23305	simplified smoking status (derived)
dHN23309V	heat-not-burn status (derived)
dHN23211v	most/last-used brand of HNB (derived)
dFR23245v	cigs per day (continuous, imputed for all smokers)
dFR23250v	cigs per day (categorical)
dSB23012v	Time to the first cig after waking (derived)
dFR23260v	Heaviness of Smoking Index (HSI)
dAGE	age
dAGEGRP	age at current wave (categorical)
GENDER	derived gender variable with 1=male
dJPREGION	Japan geo region of respondent
dJPREGIONV	Japan geo region of respondent (derived)
dJQPREGIONV	Japan geo region of respondent, collapsed (derived)
dFR23143v	ever smoked at least monthly (derived)
dBI23345V	smoked 100 cigs in lifetime (derived)

Table 32: Derived Variables for wave 4 of the ITC Japan (JP) Survey. (a)

Variable Name	Label
dWTS23100v	inflation cross-sectional weight for all
dWTS23101v	rescaled cross-sectional weight for all
dWTS23201v	rescaled cross-sectional weights for current cig smokers
dWTS23401v	rescaled cross-sectional weights for current dual users
dWTS23501v	rescaled cross-sectional weights for quitters (HNB+nonHNB)
dWTS23601v	rescaled cross-sectional weights for all tob users (cig+HNB)
dWTS23701v	rescaled cross-sectional weights for current HNB users
dWTS23801v	rescaled cross-sectional weights for nonUsers
dWTS23120v	inflation longitudinal weight for W1-W4 continuers-all
dWTS23121v	rescaled longitudinal weight for W1-W4 continuers-all
dWTS23221v	rescaled longitudinal weight for W1-W4 continuers-current cig smokers
dWTS23421v	rescaled longitudinal weight for W1-W4 continuers-dual users
dWTS23521v	rescaled longitudinal weight for W1-W4 continuers-quitters(HNB+nonHNB)
dWTS23621v	rescaled longitudinal weight for W1-W4 continuers-all tob users(cig+HNB)
dWTS23721v	rescaled longitudinal weight for W1-W4 continuers-current HNB users
dWTS23821v	rescaled longitudinal weight for W1-W4 continuers-nonUsers
dDE23212v	household income - derived
dDE23312v	education - derived

Table 33: Derived Variables for wave 4 of the ITC Japan (JP) Survey. (b)

Variable Name	Label
dWTS23122v	inflation longitudinal weight for W2-W4 continuers-all
dWTS23123v	rescaled longitudinal weight for W2-W4 continuers-all
dWTS23223v	rescaled longitudinal weight for W2-W4 continuers-current cig smokers
dWTS23423v	rescaled longitudinal weight for W2-W4 continuers-dual users
dWTS23523v	rescaled longitudinal weight for W2-W4 continuers-quitters(HNB+nonHNB)
dWTS23623v	rescaled longitudinal weight for W2-W4 continuers-all tob users(cig+HNB)
dWTS23723v	rescaled longitudinal weight for W2-W4 continuers-current HNB users
dWTS23823v	rescaled longitudinal weight for W2-W4 continuers-nonUsers
dWTS23124v	inflation longitudinal weight for W3-W4 continuers-all
dWTS23125v	rescaled longitudinal weight for W3-W4 continuers-all
dWTS23225v	rescaled longitudinal weight for W3-W4 continuers-current cig smokers
dWTS23425v	rescaled longitudinal weight for W3-W4 continuers-dual users
dWTS23525v	rescaled longitudinal weight for W3-W4 continuers-quitters(HNB+nonHNB)
dWTS23625v	rescaled longitudinal weight for W3-W4 continuers-all tob users(cig+HNB)
dWTS23725v	rescaled longitudinal weight for W3-W4 continuers-current HNB users
dWTS23825v	rescaled longitudinal weight for W3-W4 continuers-nonUsers
dDE23212v	household income - derived
dDE23312v	education - derived

Table 34: Derived Variables for wave 4 of the ITC Japan (JP) Survey. (c)

dUsergrp - user group

- 1 CigOnly
- 2 HNBOOnly
- 3 dual
- 4 nonUser
- 5 short term quitter using HNB at least weekly
- 6 short term quitter using HNB less than weekly

dFR23309V - smoking status (derived)

- 01 Daily smoker: (FR225=1 or QA711=1) and BI345v=1.
- 02 Weekly smoker: (FR225=2 or QA711=2) and BI345v=1.
- 03 Less than weekly smoker: (FR225=3-4 or QA711=3) and BI345v=1.
- 04 Quitter < 30 days ago: [((QA342=1-2) or FR225=5) and FR143v=1 and (QA701=2 or QA706=1 or QA711=4) and BI345v=1 and ... QA439=1.]
- 05 Quitter 1-6 months ago: . . . QA439=2-3.
- 06 Quitter 7-11 months ago: . . . QA439=4.
- 07 Quitter 1-2 years ago: . . . QA439=5.
- 08 Quitter more than 2 years ago: . . . QA439=6-8.
- 09 Never-a-smoker: [FR225=6 or [(FR225=5 OR QA342=1 or 2) and FR143v=2]].

dFR23305 - simplified smoking status (derived)

- 1 Smoker (FR309v=1-3)
- 2 Quitter (FR309v=4-8)
- 3 Non-smoker (FR309v=9)

dHN23309V - heat-not-burn status (derived)

- 1 Current Daily HNB user (HN140=1)
- 2 Current Weekly HNB user (HN140=2)
- 3 Current Occasional/ iweekly HNB user (HN140=3 or 4)
- 4 Quitter: past at-least-weekly user of HNB (HN140=5 and HN195=1-2)
- 5 Past Trier: used HNB more than once/ occasionally (HN140=5 and HN195=3-4)
- 6 Past Trier: used HNB only once (HN140=5 and HN195=5)
- 7 Never Tried HNB (HN106=2)
- 8 Never Heard of HNB (HN106=3)

dHN23211v - most/last-used brand of heat-not-burn (derived)

- 1 IQOS

3.5 Japan JP

2 glo (mini, pro or nano)

3 glo sens

4 Ploom TECH

5 Ploom TECH +

6 Ploom S

8 Pulze

9 glo hyper

19 [HN209o]

88 Refused

99 Don't know

dFR23245v - cigarettes per day (continuous, imputed for all smokers)

Continuous

dFR23250v - cigarettes per day (categorical)

0 0-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 More than 31 cigarettes

dSB23012v - Time to the first cigarette after waking (derived)

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

dFR23260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dAGE - age

Continuous

dAGEGRP - age at current wave (categorical)

1 20-29 years old

2 30-39 years old

3 40-59 years old

3.5 Japan JP

4 60 years and older

3 ACTIVE PROJECTS

GENDER - derived gender variable with 1=male

1 Male

2 Female

dJPREGION - Japan geo region of respondent

1 Hokkaido

2 Aomori

3 Iwate

4 Miyagi

5 Akita

6 Yamagata

7 Fukushima

8 Ibaraki

9 Tochigi

10 Gunma

11 Saitama

12 Chiba

13 Tokyo

14 Kanagawa

15 Niigata

16 Toyama

17 Ishikawa

18 Fukui

19 Yamanashi

20 Nagano

21 Gifu

22 Shizuoka

23 Aichi

24 Mie

25 Shiga

26 Kyoto

27 Osaka

28 Hyogo

29 Nara

3.5 Japan JP

- 30 Wakayama
- 31 Tottori
- 32 Shimane
- 33 Okayama
- 34 Hiroshima
- 35 Yamaguchi
- 36 Tokushima
- 37 Kagawa
- 38 Ehime
- 39 Kochi
- 40 Fukuoka
- 41 Saga
- 42 Nagasaki
- 43 Kumamoto
- 44 Oita
- 45 Miyazaki
- 46 Kagoshima
- 47 Okinawa
- 48 Other

dJPREGIONV - Japan geo region of respondent (derived)

- 1 Hokkaido (jpRegion=1)
- 2 Tohoku (jpRegion=2-7)
- 3 Kanto (jpRegion=8-14)
- 4 Chubu (jpRegion=15-23)
- 5 Kansai (jpRegion=24-30)
- 6 Chugoku (jpRegion=31-35)
- 7 Shikoku (jpRegion=36-39)
- 8 Kyushu/ Okinawa (jpRegion=40-47)

dJPQREGIONV - Japan geo region of respondent, collapsed (derived)

- 1 Hokkaido_Tohoku
- 2 Kanto
- 3 Chubu_Kansai
- 4 Chugoku_Shikoku_Kyushu_Okinawa

dFR23143v - ever smoked at least weekly(derived)

1 Yes, has ever smoked at least once a week

2 No, has never smoked at least once a week

dBI23345V - smoked 100 cigarettes in lifetime (derived)

1 Yes

2 No

8 Refused

9 Don't know

dWTS23100v - inflation cross-sectional weight for all

dWTS23101v - rescaled cross-sectional weight for all

dWTS23201v - rescaled cross-sectional weights for current cigarette smokers

dWTS23401v - rescaled cross-sectional weights for current dual users

dWTS23501v - rescaled cross-sectional weights for quitters (heat-not-burn+non heat-not-burn)

dWTS23601v - rescaled cross-sectional weights for all tobacco users (cigarette+heat-not-burn)

dWTS23701v - rescaled cross-sectional weights for current heat-not-burn users

dWTS23801v - rescaled cross-sectional weights for nonUsers

dWTS23120v - inflation longitudinal weight for W1-W4 continuers-all

dWTS23121v - rescaled longitudinal weight for W1-W4 continuers-all

dWTS23221v - rescaled longitudinal weight for W1-W4 continuers-current cigarette smokers

dWTS23421v - rescaled longitudinal weight for W1-W4 continuers-dual users

dWTS23521v - rescaled longitudinal weight for W1-W4 continuers-quitters(heat-not-burn+non heat-not-burn)

dWTS23621v - rescaled longitudinal weight for W1-W4 continuers-all tobacco users(cigarette+heat-not-burn)

dWTS23721v - rescaled longitudinal weight for W1-W4 continuers-current heat-not-burn users

dWTS23821v - rescaled longitudinal weight for W1-W4 continuers-nonUsers

dWTS23122v - inflation longitudinal weight for W2-W4 continuers-all

dWTS23123v - rescaled longitudinal weight for W2-W4 continuers-all

dWTS23223v - rescaled longitudinal weight for W2-W4 continuers-current cigarette smokers

dWTS23423v - rescaled longitudinal weight for W2-W4 continuers-dual users

dWTS23523v - rescaled longitudinal weight for W2-W4 continuers-quitters(heat-not-burn+non heat-not-burn)

dWTS23623v - rescaled longitudinal weight for W2-W4 continuers-all tobacco users(cigarette+heat-not-burn)

dWTS23723v - rescaled longitudinal weight for W2-W4 continuers-current heat-not-burn users

dWTS23823v - rescaled longitudinal weight for W2-W4 continuers-nonUsers

dWTS23124v - inflation longitudinal weight for W3-W4 continuers-all

dWTS23125v - rescaled longitudinal weight for W3-W4 continuers-all

dWTS23225v - rescaled longitudinal weight for W3-W4 continuers-current cigarette smokers

dWTS23425v - rescaled longitudinal weight for W3-W4 continuers-dual users

dWTS23525v - rescaled longitudinal weight for W3-W4 continuers-quitters(heat-not-burn+non heat-not-burn)

dWTS23625v - rescaled longitudinal weight for W3-W4 continuers-all tobacco users(cigarette+heat-not-burn)

dWTS23725v - rescaled longitudinal weight for W3-W4 continuers-current heat-not-burn users

dWTS23825v - rescaled longitudinal weight for W3-W4 continuers-nonUsers

dDE23212v - household income - derived

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

dDE23312v - education - derived

- 1 Low
- 2 Moderate
- 3 High
- 4 other/not Stated

3.6 Kenya KE

The International Tobacco Control (ITC) Kenya (KE) survey had 2 waves of data collection that were conducted between 2012 and 2018.

3.6.1 KE Core

Variable Name	Description
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
province	Province of Respondent at Wave 1
Strata	Strata of Respondent
psu	primary sampling unit of Respondent
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2

Table 35: Derived Variables for the core dataset at wave 1 of the ITC Kenya (KE) Survey.

3.6 Kenya KE

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

0 15-18 years old

1 18-24 years old

2 25-39 years old

3 40-54 years old

4 55+

province - Province of Respondent at Wave 1

1 Nairobi

2 Central

3 Coast

4 Eastern

5 North Eastern

6 Nyanza

7 Rift Valley

8 Western

psu - primary sampling unit of Respondent

Continuous

Strata - Strata of Respondent

1 NA

2 CE

3 CO2

4 EA

5 NE

6 NY2

7 RV2

8 WE2

3.6 Kenya KE

9 CO1

10 NY1

11 RV1

12 WE1

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded

1 Present/included

7 NA

inM2 - Respondent was recontacted at Wave 2

0 Absent/excluded

1 Present/included

7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

0 Absent/excluded

1 Present/included

7 NA

3.6.2 Kenya KE1

The ITC Kenya KE1 study was conducted in 2012 from October 22 to December 21. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE915v	Cross-sectional weight for Wave 1
aFR72305	FR72305 ... smoking status
aFR72245v	aFR72245v - derived ... cigarettes per day-continuous
aFR72250v	FR72250v... cigarettes per day-categorical(derived)
aTQ72669v	TQ72669v... last SL quit attempt how long - derived in days
aAQ72169v	AQ72169v... last bidi quit attempt how long-derived in days
aAQ72178v	AQ72178v... longest bidi QA-derived in days
aAQ72678v	AQ72678v... longest quit attempt -smokeless tobacco - derived in days
aQA72235v	QA72235v... smokefree on most recent cig QA - derived in days
aQA72241v	QA72241v... longest quit attempt - derived in days
ade72212v	aDE72212v ... monthly household income (derived)
aDE72312v	aDE72312v ... highest level of education- derived
aDE72919v	rescaled cross-sectional weight for M1
aFR72309v	Cigarette smoking status (derived)
aQA72231v	QA72231v... quit attempt in last year
aSB72013v	SB72013v... Time (in minutes) to first cigarette of the day (derived)
aFR72260v	FR72260v... HEAVINESS OF SMOKING INDEX

Table 36: Derived Variables for wave 2 of the ITC Kenya (KE) Survey.

3.6 Kenya KE

aDE915v - Cross-sectional weight for Wave 1

aFR72305 - FR72305 ... smoking status

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

aFR72245v - aFR72245v - derived ... cigarettes per day

Continuous

aFR72250v - FR72250v... cigarettes per day-categorical(derived)

- 0 < 10 cig/day
- 1 11-20 cig/day
- 2 21-30 cig/day
- 3 31+ cig/day

aTQ72669v - TQ72669v... last SL quit attempt how long - derived in days

Continuous

aAQ72169v - AQ72169v... last bidi quit attempt how long-derived in days

Continuous

aAQ72178v - AQ72178v... longest bidi quit attempt-derived in days

Continuous

aAQ72678v - AQ72678v... longest quit attempt -smokeless tobacco - derived in days

Continuous

aQA72235v - QA72235v... smokefree on most recent cigarette quit attempt - derived in days

Continuous

aQA72241v - QA72241v... longest quit attempt - derived in days

Continuous

ade72212v - aDE72212v ... monthly household income (derived)

Continuous

aDE72312v - aDE72312v ... highest level of education- derived

- 1 Low
- 2 Moderate
- 3 High

3.6 Kenya KE

aDE72919v - rescaled cross-sectional weight for M1

aFR72309v - Cigarette smoking status (derived)

1 daily

2 weekly

3 monthly

aQA72231v - QA72231v... quit attempt in last year

1 Yes

2 No

7 NA

8 REFUSED

9 DON'T KNOW

aSB72013v - SB72013v... Time (in minutes) to first cigarette of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

7 NA

8 Refused

9 Don't know

aFR72260v - FR72260v... Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

3.6.3 Kenya KE2

The ITC Kenya KE2 study was conducted in 2018 from April 9 to June 19. For more information see the technical report which can be found [here](#).

Variable Name	Label
bDE72915v	Wave 2 cross-sectional weights
bDE72919v	Wave 2 rescaled cross-sectional weights
bDE72921v	Wave 12 rescaled longitudinal weights
bQA72231v	QA72231v... quit attempt in last year
bAQ72169v	AQ72169v... last bidi quit attempt how long-derived in days
bAQ72178v	AQ72178v... longest bidi QA-derived in days
bAQ72678v	AQ72678v... longest quit attempt -smokeless tobacco - derived in days
bQA72235v	QA72235v... smokefree on most recent cig QA - derived in days
bQA72241v	QA72241v... longest quit attempt - derived in days
bAQ72669v	AQ72669v... last SL quit attempt how long - derived in days
bFR72309v	FR72309v ... Cigarette smoking status (derived)
bSB72013v	SB72013v... Time (in minutes) to first cigarette of the day (derived)
bFR72245v	FR72245v - derived ... cigarettes per day-continuous
bFR72250v	FR72250v... cigarettes per day-categorical(derived)
bFR72260v	FR72260v... HEAVINESS OF SMOKING INDEX
bDE72312v	DE72312v ... highest level of education- derived
bDE72212v	monthly household income (derived)

Table 37: Derived Variables for wave 2 of the ITC Kenya (KE) Survey.

bDE72915v - Wave 2 cross-sectional weights

bDE72919v - Wave 2 rescaled cross-sectional weights

bDE72921v - Wave 12 rescaled longitudinal weights

bQA72231v - QA72231v... quit attempt in last year

1 Yes

2 No

7 NA

8 REFUSED

9 DON'T KNOW

bAQ72169v - AQ72169v... last bidi quit attempt how long-derived in days

Continuous

bAQ72178v - AQ72178v... longest bidi quit attempt-derived in days

Continuous

bAQ72678v - AQ72678v... longest quit attempt -smokeless tobacco - derived in days

Continuous

bQA72235v - QA72235v... smokefree on most recent cigarette quit attempt - derived in days

Continuous

bQA72241v - QA72241v... longest quit attempt - derived in days

Continuous

bAQ72669v - AQ72669v... last SL quit attempt how long - derived in days

Continuous

bFR72309v - FR72309v ... Cigarette smoking status (derived)

1 daily

2 weekly

3 monthly

BSB72013v - SB72013v... Time (in minutes) to first cigarette of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

3.6 Kenya KE

7 NA

8 Refused

9 Don't know

bFR72245v - FR72245v - derived ... cigarettes per day

Continuous

bFR72250v - FR72250v... cigarettes per day-categorical(derived)

0 < 10 cig/day

1 11-20 cig/day

2 21-30 cig/day

3 31+ cig/day

bfR72260v - FR72260v... Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bDE72312v - DE72312v ... highest level of education- derived

1 Low

2 Moderate

3 High

bDE72212v - monthly household income (derived)

1 Low

2 Moderate

3 High

3.7 Korea 3 KRA

The International Tobacco Control (ITC) Korea 3 (KRA) survey has had 2 waves of data collection that was conducted in 2020 and 2021.

Korea has had studies for 3 different cohorts of respondents; KR, then KOR and now currently KRA.

3.7.1 KRA Core

Variable Name	Description
<code>country</code>	ITC Country Code : 21 - South Korea
<code>inM1</code>	Used to indicate that Respondent was recruited in Wave 1
<code>RTYPE</code>	Survey Type: Recontact or Replenishment
<code>aAGE</code>	Age at Recruitment of Respondent (Continuous)
<code>aAGEGRP</code>	Age at Recruitment of Respondent (Categorical)
<code>GENDER</code>	Gender of Respondent at Recruitment
<code>aStrata</code>	Region of Korea of Respondent at Wave 1
<code>KRAREGIONV</code>	Region of Korea of Respondent at Wave 1
<code>BirthYY</code>	Respondent Year of Birth

Table 38: Derived Variables for the core dataset at wave 1 of the ITC Korea (KRA) Survey.

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

country - ITC Country Code : 21 - South Korea

inM1 - Used to indicate that Respondent was recruited in Wave 1

- 0 Absent/excluded
- 1 Present/included
- 7 NA

RTYPE - Survey Type: Recontact or Replenishment

- 1 Recontact
- 2 Replenishment

aAGE - Age at Recruitment of Respondent

Continuous

aAGEGRP - Age at Recruitment of Respondent (Categorical)

- 1 19-29 years old
- 2 30-39 years old
- 3 40-59 years old
- 4 60 years and older

GENDER - Gender variable with 1=male, derived by analysts for cross-country consistency.

- 1 Male
- 2 Female

aStrata - Region of Korea of Respondent at Wave 1

- 1 Seoul (special city)
- 2 Busan (metropolitan city)
- 3 Daegu (metropolitan city)
- 4 Incheon (metropolitan city)
- 5 Gwangju (metropolitan city)
- 6 Daejeon (metropolitan city)
- 7 Ulsan (metropolitan city)
- 8 Sejong (Special autonomous city)
- 9 Jeju Special Self-governing Province
- 10 Chungcheongbuk
- 11 Chungcheongnam
- 12 Gangwon
- 13 Gyeonggi

3.7 Korea 3 KRA

- 14 Gyeongsangbuk
- 15 Gyeongsangnam
- 16 Jeollabuk
- 17 Jeollanam
- 20 Other
- 77 NA
- 88 Refused
- 99 Don't know

KRAREGIONV - Region of Korea of Respondent at Wave 1

- 1 Seoul (krRegion=1)
- 2 Daejeon + Sejong + Chungcheongbuk + Chungcheongnam (krRegion=6, 8, 10, 11)
- 3 Gwanju + Jeollabuk + Jeollanam (krRegion=5, 16, 17)
- 4 Daegu + Gyeongsangbuk (krRegion=3, 14)
- 5 Busan + Ulsan + Gyeongsangnam (krRegion=2, 7, 15)
- 6 Gangwon + Jeju (krRegion=9, 12)
- 7 Incheon + Gyeonggi (krRegion=4, 13)

BirthYY - Respondent Year of Birth

3.7.2 Korea KRA1

The ITC Korea KRA1 study was conducted in 2020 from June 18-28. For more information see the technical report which can be found [here](#).

Variable Name	Label
aUserGrp	aUserGrp
aFR21225	FR21225... freq of cigs, by week/ day
aFR21143	FR21143... ever smoked at least weekly
aFR21143v	FR21143v... ever smoked at least weekly (derived)
aBI21345	BI21345... smoked 100 cigs in lifetime
aFR21128	FR21128... how long smoking daily (categorical)
aBI21348	BI21348... smoked how many cigs in lifetime
aBI21345v	BI21345v... smoked 100 cigs in lifetime (derived)
aQA21439	QA21439... last cig QA, start (categ)
aQA21701	QA21701... since quit, had even a puff
aQA21706	QA21706... slip-up, or allow occasional cig
aQA21711	QA21711... since quit, how often allow a cig
aFR21309v	FR21309v... smoking status (derived)
aFR21305	FR21305... simplified smoking status (derived)
aHN21309v	HN21309v... heat-not-burn status (derived)
aEC21309v	EC21309v... e-cigarette status (derived)
aEC21308v	EC21308v... e-cig status (derived from NC302, NC320)
aFR21245v	FR21245v - derived ... cigarettes per day-continuous
aFR21250v	FR21250v... cigarettes per day-categorical(derived)
aFR21260v	FR21260v... HEAVINESS OF SMOKING INDEX
aSB21013v	SB21013v... Time (in minutes) to first cigarette of the day (derived)
aHN21211V	HN21211v... most/last-used brand of HNB (derived)
aDE21212v	household income (derived)
aDE21312v	highest level of education (derived)

Table 39: Derived Variables for wave 1 of the ITC Korea (KRA) Survey. (a)

Variable Name	Label
aWTS21100v	inflation cross-sectional weight for all
aWTS21101v	rescaled cross-sectional weight for all
aWTS21201v	rescaled cross-sectional weights for current cig smokers
aWTS21301v	rescaled cross-sectional weight for ecig users
aWTS21701v	rescaled cross-sectional weight for HTP users
aWTS21901v	rescaled cross-sectional weight dual/triple users of cig
aWTS21501v	rescaled cross-sectional weights for quitters
aWTS21601v	rescaled cross-sectional weights for all tob users
aWTS21801v	rescaled cross-sectional weights for non-users
aQuotaGrp	Wave 1 Quota Group
aUserGr_ori	Originally assigned user type
fixed	User type was fixed by the device/brand choices (1=Yes)

Table 40: Derived Variables for wave 1 of the ITC Korea (KRA) Survey. (b)

aUserGrp - Wave 1 User Group

- 1 excl cig
- 2 excl HTP
- 3 excl Ecig
- 4 cig+HTP
- 5 cig+ecig
- 6 HTP+ecig
- 7 triple
- 8 quitter within 2y using HTP, but not ecig
- 9 quit within 2y using ecig, but not HTP
- 10 quit within 2y and using both ecig and HTP
- 11 quit within 2y not using HTP/Ecig
- 12 non-user

aFR21225 - How often do you CURRENTLY smoke cigarettes?

- 1 Daily
- 2 Less than daily, but at least once a week
- 3 Less than weekly, but at least once a month
- 4 Less than monthly, but occasionally
- 5 Not at all; I've quit smoking completely
- 6 Not at all; I've never been a smoker
- 8 Refused
- 9 Don't know

aFR21143 - Have you ever smoked cigarettes weekly, or always less than weekly?

- 1 At least weekly
- 2 Less than weekly
- 8 Refused
- 9 Don't know

aFR21143v - Derived variable: ever smoked at least weekly.

If FR225=1-2 then FR143v=1.

If FR143=1, then FR143v=1.

Otherwise, FR143v=2.

- 1 Yes, has ever smoked at least once a week
- 2 No, has never smoked at least once a week

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

aBI21345 - Have you smoked a combined total of 100 or more cigarettes over your lifetime?

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aFR21128 - How long have you been smoking cigarettes daily?

- 1 Less than 4 months
- 2 4-6 months
- 3 7-11 months
- 4 1-2 years
- 5 3-5 years
- 6 More than 5 years
- 8 Refused
- 9 Don't know

aBI21348 - How many cigarettes have you smoked during your lifetime?

- 1 Less than 10
- 2 11-49
- 3 50-74
- 4 75-99
- 5 100 or more
- 8 Refused
- 9 Don't know

aBI21345v - Smoked 100 cigarettes in lifetime (derived)

If BI345=1 or BI348=5, then BI345v=1.

Otherwise, BI345v=2.

- 1 Yes
- 2 No

aQA21439 - How long ago did you quit smoking cigarettes?

- 01 Less than 1 month ago
- 02 1-3 months ago
- 03 4-6 months ago
- 04 7-11 months ago

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

- 05 1-2 years ago
- 06 3-5 years ago
- 07 6-10 years ago
- 08 More than 10 years ago
- 88 Refused
- 99 Don't know

aQA21701 - QA439=1-2: Have you had any cigarettes, even a puff, since you quit smoking?
QA439=3-8: Have you had any cigarettes, even a puff, in the last 3 months?

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aQA21706 - Was this a slip-up or are you still allowing yourself the occasional cigarette?

- 1 Slip up
- 2 Allowing an occasional cigarette
- 8 Refused
- 9 Don't know

aQA21711 - How often are you allowing yourself a cigarette?

- 1 Every day
- 2 At least once a week, but not every day
- 3 At least once a month, but not every week
- 4 Less than monthly
- 8 Refused
- 9 Don't know

aFR21309v - Cigarette smoking status

- 01 Daily smoker: (FR225=1 or QA711=1) and BI345v=1.
- 02 Weekly smoker: (FR225=2 or QA711=2) and BI345v=1.
- 03 Less than weekly smoker: (FR225=3-4 or QA711=3) and BI345v=1.
- 04 Quitter < 30 days ago (Pre and Post-recruitment): [FR225=5 and FR143v=1 and (QA701=2 or QA706=1 or QA711=4) and BI345v=1 and ... QA439=1].
- 05 Quitter 1-6 months ago: . . . QA439=2-3.
- 06 Quitter 7-11 months ago: . . . QA439=4.
- 07 Quitter 1-2 years ago: . . . QA439=5.
- 08 Quitter more than 2 years ago: . . . QA439=6-8.

09 Never-a-smoker: [FR225=6 or (FR225=5 and FR143v=2)].

01 Daily smoker

02 Weekly smoker

03 Less than weekly smoker

04 Quitter <30 days ago

05 Quitter 1-6 months ago

06 Quitter 7-11 months ago

07 Quitter 1-2 years ago

08 Quitter more than 2 years ago

09 Never-a-smoker

aFR21305 - Simplified cigarette status.

1 Smoker (FR309v=1-3)

2 Quitter (FR309v=4-8)

3 Non-smoker (FR309v=9)

aHN21309v - Heated tobacco status:

1 Current Daily HTP user (HN140=1)

2 Current Weekly HTP user (HN140=2)

3 Current Less than weekly HTP user (HN140=3 or 4)

4 Quitter: past at-least-weekly user of HTP ((HN195=1-2 or HN196=1) and HN140=5)

5 Trier: used HTP once or a few times ((HN195=4-5) or ((HN195=3 or HN196=2) and HN140=5))

6 Never Tried HTP (HN106=2)

7 Never Heard of HTP (HN106=3)

aEC21309v - E-cigarette status:

1 Current Daily vaper (NC304=1)

2 Current Weekly vaper (NC304=2)

3 Current Less Than weekly vaper (NC304=3-4)

4 Ever Quitter: past vaper at least weekly (NC304=5 AND (NC309=1-2 or EF130=1))

5 Trier: vaped more than once/ occasionally ((NC309=4-5) OR ((NC309=3 or EF130=2) and NC304=5))

6 Never Tried e-cigarettes (NC302=2)

7 Never Heard of e-cigarettes (NC302=3)

aEC21308v - E-cig quota definitions

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

1 Current weekly user (NC320=1-2)

2 Quitter (NC320=3-99)

3 Never used (NC302=2-3)

aFR21245v - Cigarettes per day (continuous, imputed for all smokers)

Continuous

aFR21250v - Cigarettes per day (categorical)

0 0-10

1 11-20

2 21-30

3 >30

aFR21260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aSB21013v - Time to the first cigarette after waking

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

aHN21211V - Most/last-used brand of heating device.

If HN211 asked, then $HN211v = [HN211]$.

Otherwise, $HN211v =$ the single variable endorsed in [HN201-HN209o].

i.e. If $HN201=1$, $HN211v=1$.

If $HN202=1$, $HN211v=2$.

If $HN199=1$, $HN211v=3$.

etc.

01 IQOS

02 glo (mini, pro or nano)

03 glo sens

04 Ploom TECH

05 Ploom TECH +

06 Ploom S

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

07 lil (plus, mini or hybrid)

08 [Do not program. JP only]

19 [HN209o]

88 Refused

99 Don't know

aDE21212v - Level of Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

aDE21312v - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

aWTS21100v - inflation cross-sectional weight for all

aWTS21101v - rescaled cross-sectional weight for all

aWTS21201v - rescaled cross-sectional weights for current cig smokers

aWTS21301v - rescaled cross-sectional weight for ecig users

aWTS21701v - rescaled cross-sectional weight for HTP users

aWTS21901v - rescaled cross-sectional weight dual/triple users of cig

aWTS21501v - rescaled cross-sectional weights for quitters

aWTS21601v - rescaled cross-sectional weights for all tob users

aWTS21801v - rescaled cross-sectional weights for non-users (For more information on weights, see weight document (link not yet available))

aQuotaGrp - Quota Group

1 Cig only user or quitter

2 HTP only user or quitter

3 Ecig only user or quitter

4 Dual Cig and HTP user or quitter

5 Dual Cig and Ecig user or quitter

6 Dual Ecig and HTP user or quitter

7 triple user or quitter

8 non-user

aUserGrp_ori - Originally assigned user type

fixed - User type was fixed by the device/brand choices (1=Yes)

3.7.3 Korea KRA2

The ITC Korea KRA2 study was conducted in 2021 from November 3rd to December 12th.

Variable Name	Label
bUserGrp	bUserGrp
bFR21225	FR21225... freq of cigs, by week/ day
bFR21143	FR21143... ever smoked at least weekly
bFR21143v	FR21143v... ever smoked at least weekly (derived)
bBI21345	BI21345... smoked 100 cigs in lifetime
bFR21128	FR21128... how long smoking daily (categorical)
bBI21348	BI21348... smoked how many cigs in lifetime
bBI21345v	BI21345v... smoked 100 cigs in lifetime (derived)
bQA21439	QA21439... last cig QA, start (categ)
bQA21701	QA21701... since quit, had even a puff
bQA21706	QA21706... slip-up, or allow occasional cig
bQA21711	QA21711... since quit, how often allow a cig
bFR21309v	FR21309v... smoking status (derived)
bFR21305	FR21305... simplified smoking status (derived)
bFR21245v	FR21245v - derived ... cigarettes per day-continuous
bFR21250v	FR21250v... cigarettes per day-categorical(derived)
bFR21260v	FR21260v... HEAVINESS OF SMOKING INDEX
bHN21309v	HN21309v... heat-not-burn status (derived)
bEC21309v	EC21309v... e-cigarette status (derived)
bEC21308v	EC21308v... e-cig status (derived from NC302, NC320)
bHN21211V	HN21211v... most/last-used brand of HNB (derived)
bSB21013v	SB21013v... Time (in minutes) to first cigarette of the day (derived)
bDE21212v	household income (derived)
bDE21312v	highest level of education (derived)
bQuotaGrp	Wave 2 Quota Group

Table 41: Derived Variables for wave 2 of the ITC Korea (KRA) Survey. (a)

Variable Name	Label
bQuotaGrp	
bWTS21100v	inflated cross-sectional weight for all
bWTS21101v	rescaled cross-sectional weight for all
bWTS21201v	rescaled cross-sectional weights for current cig smokers
bWTS21901v	rescaled cross-sectional weight dual/triple users of cig
bWTS21701v	rescaled cross-sectional weight for HTP users
bWTS21301v	rescaled cross-sectional weight for ecig users
bWTS21501v	rescaled cross-sectional weights for quitters
bWTS21601v	rescaled cross-sectional weights for all tob users
bWTS21801v	rescaled cross-sectional weights for non-users
bWTS21120v	inflated longitudinal weight for W1-W2 continuers-all
bWTS21121v	rescaled longitudinal weight for W1-W2 continuers-all
bWTS21221v	rescaled longitudinal weight for W1-W2 continuers-current cig smokers
bWTS21921v	rescaled longitudinal weight dual/triple users of cig
bWTS21721v	rescaled longitudinal weight for W1-W2 continuers-HTP users
bWTS21321v	rescaled longitudinal weight for W1-W2 continuers-ecig users
bWTS21521v	rescaled longitudinal weight for W1-W2 continuers-quitters
bWTS21621v	rescaled longitudinal weight for W1-W2 continuers-all tob users
bWTS21821v	rescaled longitudinal weight for W1-W2 continuers-non-users

Table 42: Derived Variables for wave 2 of the ITC Korea (KRA) Survey. (b)

bUserGrp - Wave 2 User Group

- 1 excl cig
- 2 excl HTP
- 3 excl Ecig
- 4 cig+HTP
- 5 cig+ecig
- 6 HTP+ecig
- 7 triple
- 8 quitter within 2y using HTP, but not ecig
- 9 quit within 2y using ecig, but not HTP
- 10 quit within 2y and using both ecig and HTP
- 11 quit within 2y not using HTP/Ecig
- 12 non-user

bFR21225 - How often do you CURRENTLY smoke cigarettes?

- 1 Daily
- 2 Less than daily, but at least once a week
- 3 Less than weekly, but at least once a month
- 4 Less than monthly, but occasionally
- 5 Not at all; I've quit smoking completely
- 6 Not at all; I've never been a smoker
- 8 Refused
- 9 Don't know

bFR21143 - Have you ever smoked cigarettes weekly, or always less than weekly?

- 1 At least weekly
- 2 Less than weekly
- 8 Refused
- 9 Don't know

bFR21143v - Derived variable: ever smoked at least weekly.

If FR225=1-2 then FR143v=1.

If FR143=1, then FR143v=1.

Otherwise, FR143v=2.

- 1 Yes, has ever smoked at least once a week
- 2 No, has never smoked at least once a week

bBI21345 - Have you smoked a combined total of 100 or more cigarettes over your lifetime?

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

bFR21128 - How long have you been smoking cigarettes daily?

- 1 Less than 4 months
- 2 4-6 months
- 3 7-11 months
- 4 1-2 years
- 5 3-5 years
- 6 More than 5 years
- 8 Refused
- 9 Don't know

bBI21348 - How many cigarettes have you smoked during your lifetime?

- 1 Less than 10
- 2 11-49
- 3 50-74
- 4 75-99
- 5 100 or more
- 8 Refused
- 9 Don't know

bBI21345v - Smoked 100 cigarettes in lifetime (derived)

If FR309v@LSD (Wave 1)=1-8, then BI345v=1.

If BI345=1 or BI348=5, then BI345v=1.

Otherwise, BI345v=2.

- 1 Yes
- 2 No

bQA21439 - How long ago did you quit smoking cigarettes?

- 01 Less than 1 month ago
- 02 1-3 months ago
- 03 4-6 months ago

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

04 7-11 months ago

05 1-2 years ago

06 3-5 years ago

07 6-10 years ago

08 More than 10 years ago

88 Refused

99 Don't know

bQA21701 - QA439=1-2: Have you had any cigarettes, even a puff, since you quit smoking?

QA439=3-8: Have you had any cigarettes, even a puff, in the last 3 months?

1 Yes

2 No

8 Refused

9 Don't know

bQA21706 - Was this a slip-up or are you still allowing yourself the occasional cigarette?

1 Slip up

2 Allowing an occasional cigarette

8 Refused

9 Don't know

bQA21711 - How often are you allowing yourself a cigarette?

1 Every day

2 At least once a week, but not every day

3 At least once a month, but not every week

4 Less than monthly

8 Refused

9 Don't know

bFR21309v - Cigarette smoking status

01 Daily smoker: (FR225=1 or QA711=1) and BI345v=1.

02 Weekly smoker: (FR225=2 or QA711=2) and BI345v=1.

03 Less than weekly smoker: (FR225=3-4 or QA711=3) and BI345v=1.

04 Quitter < 30 days ago (Pre and Post-recruitment): [((QA342=1-2) or FR225=5) and FR143v=1 and (QA701=2 or QA706=1 or QA711=4) and BI345v=1 and ... QA439=1].

05 Quitter 1-6 months ago: . . . QA439=2-3.

06 Quitter 7-11 months ago: . . . QA439=4.

07 Quitter 1-2 years ago: . . . QA439=5.

08 Quitter more than 2 years ago: . . . QA439=6-8.

09 Never-a-smoker: [FR225=6 or [(FR225=5 OR QA342=1 or 2) and FR143v=2]].

01 Daily smoker

02 Weekly smoker

03 Less than weekly smoker

04 Quitter <30 days ago

05 Quitter 1-6 months ago

06 Quitter 7-11 months ago

07 Quitter 1-2 years ago

08 Quitter more than 2 years ago

09 Never-a-smoker

bFR21305 - Simplified cigarette status.

1 Smoker (FR309v=1-3)

2 Quitter (FR309v=4-8)

3 Non-smoker (FR309v=9)

bFR21245v - Cigarettes per day (continuous, imputed for all smokers)

Continuous

bFR21250v - Cigarettes per day (categorical)

0 0-10

1 11-20

2 21-30

3 >30

bFR21260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bHN21309v - Heated tobacco status:

1 Current Daily HTP user (HN140=1)

2 Current Weekly HTP user (HN140=2)

3 Current Less than weekly HTP user (HN140=3 or 4)

4 Quitter: past at-least-weekly user of HTP ((HN195=1-2 or HN196=1) and HN140=5)

5 Trier: used HTP once or a few times ((HN195=4-5) or ((HN195=3 or HN196=2) and HN140=5))

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

6 Never Tried HTP (HN106=2)

7 Never Heard of HTP (HN106=3)

bEC21309v - E-cigarette status:

1 Current Daily vaper (NC304=1)

2 Current Weekly vaper (NC304=2)

3 Current Less Than weekly vaper (NC304=3-4)

4 Ever Quitter: past vaper at least weekly (NC304=5 AND (NC309=1-2 or EF130=1))

5 Trier: vaped more than once/ occasionally ((NC309=4-5) OR ((NC309=3 or EF130=2) and NC304=5))

6 Never Tried e-cigarettes (NC302=2)

7 Never Heard of e-cigarettes (NC302=3)

bEC21308v - e-cig status (derived from NC302, NC320)

1 Current weekly user (NC320=1-2)

2 Quitter (NC320=3-99)

3 Never used (NC302=2-3)

bHN21211V - Most/last-used brand of heating device.

If HN211 asked, then HN211v=[HN211].

Otherwise, HN211v=the single variable endorsed in [HN201-HN209o].

i.e. If HN201=1, HN211v=1.

If HN202=1, HN211v=2.

If HN199=1, HN211v=3.

etc.

01 IQOS

02 glo (mini, pro or nano)

03 glo sens

04 Ploom TECH

05 Ploom TECH +

06 Ploom S

07 lil (plus, mini or hybrid)

08 [Do not program. JP only]

19 [HN209o]

88 Refused

99 Don't know

3.7 Korea 3 KRA

3 ACTIVE PROJECTS

bSB21013v - Time to the first cigarette after waking

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

bDE21212v - Level of Household Income (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

bDE21312v - Highest Level of Education (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

bQuotaGrp - Quota Group

- 1 Cig only user or quitter
- 2 HTP only user or quitter
- 3 Ecig only user or quitter
- 4 Dual Cig and HTP user or quitter
- 5 Dual Cig and Ecig user or quitter
- 6 Dual Ecig and HTP user or quitter
- 7 triple user or quitter
- 8 non-user

bWTS21100v - inflation cross-sectional weight for all

bWTS21101v - rescaled cross-sectional weight for all

bWTS21201v - rescaled cross-sectional weights for current cig smokers

bWTS21301v - rescaled cross-sectional weight for ecig users

bWTS21701v - rescaled cross-sectional weight for HTP users

bWTS21901v - rescaled cross-sectional weight dual/triple users of cig

bWTS21501v - rescaled cross-sectional weights for quitters

bWTS21601v - rescaled cross-sectional weights for all tob users

bWTS21801v - rescaled cross-sectional weights for non-users

bWTS21120v - inflation longitudinal weight for W1-W2 continuers-all

bWTS21121v - rescaled longitudinal weight for W1-W2 continuers-all

bWTS21221v - rescaled longitudinal weight for W1-W2 continuers-current cig smokers

bWTS21921v - rescaled longitudinal weight dual/triple users of cig

bWTS21521v - rescaled longitudinal weight for W1-W2 continuers-quitters

bWTS21621v - rescaled longitudinal weight for W1-W2 continuers-all tob users

bWTS21821v - rescaled longitudinal weight for W1-W2 continuers-non-users (For more information on weights, see weight document (link not yet available))

3.8 Malaysia MYS

The International Tobacco Control (ITC) Malaysia (MYS) survey has had 1 wave of data collection that was conducted in 2020.

3.8.1 MYS Core

Variable Name	Description
cohort	Wave of Recruitment of Respondent
gender	Gender of Respondent at Recruitment
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
country	ITC Country Code : 11 - Malaysia
inM1	Used to indicate that Respondent was recruited in Wave 1
aStrata	State of Malaysia of Respondent at Wave 1
aRegion	Region of Malaysia of Respondent at Wave 1

Table 43: Derived Variables for the core dataset at wave 1 of the ITC Malaysia (MYS) Survey.

3.8 Malaysia MYS

3 ACTIVE PROJECTS

cohort - Wave of Recruitment of Respondent

gender - Gender of Respondent

- 1 Male
- 2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55 and up

country - ITC Country Code : 11 - Malaysia

inM1 - Used to indicate that Respondent was recruited in Wave 1

- 0 Absent/excluded
- 1 Present/included
- 7 NA

aStrata - State of Malaysia of Respondent at Wave 1

- 1 Johor (Johore)
- 2 Kedah
- 3 Kelantan
- 4 Melaka (Malacca)
- 5 Negeri Sembilan
- 6 Pahang
- 7 Pulau Pinang (Penang)
- 8 Perak
- 9 Perlis
- 10 Sabah
- 11 Sarawak
- 12 Selangor
- 13 Terengganu
- 14 Kuala Lumpur
- 15 Labuan

3.8 Malaysia MYS

16 Putrajaya

88 Refused

99 Don't know

aRegion - Region of Malaysia of Respondent at Wave 1

1 East Malaysia

2 West Malaysia

3.8.2 Malaysia MYS1

The ITC Malaysia MYS1 study was conducted in 2020 from February 6 to March 2. For more information see the technical report which can be found [here](#).

Variable Name	Label
aUserGrp	Wave 1 User Group
aWTS11100v	inflation cross-sectional weights for all
aWTS11101v	rescaled cross-sectional weights for all
aremoved	Removed as a speeder using point2 system
aAI11540	survey language
aAGE	age
aAGEGRP	age at recruitment (categorical)
aGENDER	derived gender variable with 1=male
aSTATE	state you live in
aMYREGION	east or west Malaysia
aFR11309V	smoking status (derived)
aFR11305	simplified smoking status (derived)
aFR11245v	cigs per day (continuous, imputed for all smokers)
aFR11250v	cigs per day (categorical)
aSB11012v	Time to the first cig after waking (derived)
aFR11260v	Heaviness of Smoking Index (HSI)
aDE11311sv	highest level of education (adjusted)
aDE11312sv	Highest level of education (derived)
aDE11212v	Income categories (use with caution)
aNC11301V	ever heard of e-cigs, derived
aNC11302V	ever used e-cigs (derived)
aHN11103V	ever heard of HNB (derived)
aHN11106V	ever used HNB at all (derived)

Table 44: Derived Variables for wave 1 of the ITC Malaysia (MYS) Survey.

aUserGrp - Wave 1 User Group, used for Weighting

- smoker
- non-smoker

aWTS11100v - inflation cross-sectional weights for all (For more information, see weight document [\(link\)](#))

aWTS11101v - rescaled cross-sectional weights for all (For more information, see weight document [\(link\)](#))

aremoved - Removed as a speeder using point2 system which indicates records with a very small Seconds Per Question or a very high percentage of questions responded that have been responded with Refused or Don't Know.

- 1 Yes
- 2 No

aAI11540 - language selected by respondent to complete survey

- 1 Malay
- 2 Chinese
- 3 English

aAGE - age of respondent.

Continuous

aAGEGRP - respondents age at recruitment (categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55 and up

aGENDER - gender variable with 1=male, derived by analysts for cross-country consistency.

- 1 Male
- 2 Female

aSTATE - state or territory that respondent currently lives in.

- 01 Johor (Johore)
- 02 Kedah
- 03 Kelantan
- 04 Melaka (Malacca)
- 05 Negeri Sembilan

3.8 Malaysia MYS

3 ACTIVE PROJECTS

- 06 Pahang
- 07 Pulau Pinang (Penang)
- 08 Perak
- 09 Perlis
- 10 Sabah
- 11 Sarawak
- 12 Selangor
- 13 Terengganu
- 14 Kuala Lumpur
- 15 Labuan
- 16 Putrajaya
- 88 Refused
- 99 Don't know

aMYREGION - Region of Malaysia: east or west

If state=10, 11 or 15 (Sabah, Sarawak or Labuan), Myregion=1.

Otherwise Myregion=2.

- 1 East Malaysia
- 2 West Malaysia

aFR11309V - smoking status

- 1 Daily smoker (FR225=1 and BI345=1)
- 2 Weekly smoker (FR225=2 and BI345=1)
- 3 Monthly smoker (FR225=3 and BI345=1)
- 9 Non-smoker, including LT quitters (FR225=6) or (FR225=5 and QA439=6)

aFR11305 - simplified smoking status

- 1 Smoker (FR309v=1-3)
- 2 Non-Smoker (FR309v=9)

aFR11245v - cigarettes per day (continuous, imputed for all smokers)

Continuous

aFR11250v - cigarettes per day (categorical)

- 0 0-10
- 1 11-20
- 2 21-30

3 >30

aSB11012v - Time to the first cigarette after waking

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

aFR11260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aDE11311sv - highest level of education, adjusted to incorporate open ended responses.

aDE11312sv - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

aDE11212v - Level of Household Income (categorical) (use with caution)

1 Low

2 Moderate

3 High

4 Not Stated

aNC11301V - ever heard of e-cigarettes.

If EQ101=1 or NC302=1 or 2, then NC301v=1.

Otherwise, NC301v=2.

1 Yes, heard of

2 No, haven't heard of

aNC11302V - ever used e-cigarettes, even once.

If EQ101=1 or NC302=1, then NC302v=1.

If EQ101<>1 and NC302=2, then NC302v=2.

Otherwise, NC302v='.' (missing).

1 Yes, used

3.8 Malaysia MYS

2 No, never used

aHN11103V - ever heard of HTP/HNB.

If HN932 or HN103=1, then HN103v=1.

Otherwise, HN103v=2.

1 Yes, heard of

2 No, haven't heard of

aHN11106V - ever used HTP/HNB, even once.

If HN932=1 or HN106=1, then HN106v=1.

If HN932<>1 and HN106=2, 8 or 9, then HN106v=2.

Otherwise, HN106v='.' (missing).

1 Yes

2 No

3.9 Netherlands 2 NLD

The International Tobacco Control (ITC) Netherlands 2 (NLD) survey has had 3 waves of data collection that were conducted in 2021.

3.9.1 NLD Core

Variable Name	Description
country	ITC Country Code : 42 - Netherlands
inM1	Used to indicate that Respondent was recruited in Wave 1
aAge	Age at Wave 1 of Respondent (Continuous)
aAgegrp	Age at Wave 1 of Respondent (Categorical)
Gender	Gender of Respondent at Recruitment
rSmoke	Smoking Status at Recruitment
aProvincie	Provincie of Respondent at Wave 1
aRegion	Region of Respondent at Wave 1
aSocialeklasse	Social class of Respondent at Wave 1
bAge	Age at Wave 2 of Respondent (Continuous)
bAgegrp	Age at Wave 2 of Respondent (Categorical)
bProvincie	Provincie of Respondent at Wave 2
bRegion	Region of Respondent at Wave 2
bSocialeklasse	Social class of Respondent at Wave 2
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
cohort	Wave of Recruitment of Respondent
RECage	Age of Recruitment of Respondent (Continuous)
RECageGrp	Age of Recruitment of Respondent (Categorical)
bnote	Note added when data modified after wave 2
cAge	Age at Wave 3 of Respondent (Continuous)
cAgegrp	Age at Wave 3 of Respondent (Categorical)
cProvincie	Provincie of Respondent at Wave 3
cRegion	Region of Respondent at Wave 3
cSocialeklasse	Social class of Respondent at Wave 3
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
cnote	Note added when data modified after wave 3
aStrata	strata at Wave 1
bStrata	strata at Wave 2
cStrata	strata at Wave 3

Table 45: Derived Variables for the core dataset at wave 3 of the ITC Netherlands (NLD) Survey.

country - ITC Country Code : 42 - Netherlands

inM1 - Used to indicate that Respondent was recruited in Wave 1

- 0 Absent/excluded
- 1 Present/included
- 7 NA

aAge - Age at Wave 1 of Respondent

Continuous

aAgegrp - Age at Wave 1 of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 39-54
- 4 55+

Gender - gender variable with 1=male, derived by analysts for cross-country consistency.

- 1 Male
- 2 Female

rSmoke - Smoking Status at Recruitment

- 1 Daily smoker (FR225=1)
- 2 Weekly smoker (FR225=2)
- 3 Monthly smoker (FR225=3)

aProvincie - Provincie of Respondent at Wave 1

- 1 Groningen
- 2 Friesland
- 3 Drenthe
- 4 Overijssel
- 5 Gelderland
- 6 Utrecht
- 7 Noord-Holland
- 8 Zuid-Holland
- 9 Zeeland
- 10 Flevoland
- 11 Noord-Brabant
- 12 Limburg

aRegion - Region of Respondent at Wave 1

- 1 West
- 2 North
- 3 East
- 4 South

aSocialeklasse - Social class (Out of education and profession main breadwinner) of Respondent at Wave 1

- 1 A (Hoog)
- 2 B1
- 3 B2
- 4 C
- 5 D (Laag)
- 6 Onbekend

bAge - Age at Wave 2 of Respondent

Continuous

bAgegrp - Age at Wave 2 of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 39-54
- 4 55+

bProvincie - Provincie of Respondent at Wave 2

- 1 Groningen
- 2 Friesland
- 3 Drenthe
- 4 Overijssel
- 5 Gelderland
- 6 Utrecht
- 7 Noord-Holland
- 8 Zuid-Holland
- 9 Zeeland
- 10 Flevoland
- 11 Noord-Brabant
- 12 Limburg

bRegion - Region of Respondent at Wave 2

- 1 West
- 2 North
- 3 East
- 4 South

bSocialeklasse - Social class (Out of education and profession main breadwinner) of Respondent at Wave 2

- 1 A (Hoog)
- 2 B1
- 3 B2
- 4 C
- 5 D (Laag)
- 6 Onbekend

inM2 - Respondent was recruited in replenishment sample at Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

inP2 - Used to indicate that Respondent was recontacted at Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

cohort - Wave of Recruitment of Respondent

RECage - Age of Recruitment of Respondent

Continuous

RECageGrp - Age of Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 39-54
- 4 55+

bNote - Note added when data modified after wave 2 - Open ended text.

cAge - Age at Wave 3 of Respondent

Continuous

cAgegrp - Age at Wave 3 of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 39-54
- 4 55+

cProvincie - Provincie of Respondent at Wave 3

- 1 Groningen
- 2 Friesland
- 3 Drenthe
- 4 Overijssel
- 5 Gelderland
- 6 Utrecht
- 7 Noord-Holland
- 8 Zuid-Holland
- 9 Zeeland
- 10 Flevoland
- 11 Noord-Brabant
- 12 Limburg

cRegion - Region of Respondent at Wave 3

- 1 West
- 2 North
- 3 East
- 4 South

cSocialeklasse - Social class (Out of education and profession main breadwinner) of Respondent at Wave 3

- 1 A (Hoog)
- 2 B1
- 3 B2
- 4 C
- 5 D (Laag)
- 6 Onbekend

inM3 - Respondent was recruited in replenishment sample at Wave 3

- 0 Absent/excluded

3.9 Netherlands 2 NLD

3 ACTIVE PROJECTS

1 Present/included

7 NA

inP3 - Used to indicate that Respondent was recontacted at Wave 3

0 Absent/excluded

1 Present/included

7 NA

cNote - Note added when data modified after wave 3 - Open ended text.

aStrata - Strata at Wave 1

1 West

2 North

3 East

4 South

bStrata - Strata at Wave 2

1 West

2 North

3 East

4 South

cStrata - Strata at Wave 3

1 Groningen

2 Friesland

3 Drenthe

4 Overijssel

5 Gelderland

6 Utrecht

7 Noord-Holland

8 Zuid-Holland

9 Zeeland

10 Flevoland

11 Noord-Brabant

12 Limburg

3.9.2 Netherlands NLD1

The ITC Netherlands NLD1 study was conducted in 2020 from February 17 to March 31.

Variable Name	Label
aWTS42100v	Wave 1 inflation cross-sectional weights
aWTS42101v	Wave 1 rescaled cross-sectional weights
aFR42309V	FR42309v... smoking status (derived)
aFR42245v	FR42245v... Cigarettes per day–continuous
aFR42250v	FR42250v... Cigarettes per day–categorical
aFR42260v	FR42260v... Heaviness of smoking index(HSI)
aSB42013v	SB42013v... Total min to first cig after waking-categorical
aBR42309V	BR42309v... usual brand FM or RYO (derived)
aPU42231v	PU42231v... price per carton
aPU42331v	PU42331v... price per pack
aPU42555v	PU42555v... price per cig
aDE42212v	Household monthly income - derived
aDE42312v	highest education - derived

Table 46: Derived Variables for wave 1 of the ITC Netherlands (NLD) Survey.

3.9 Netherlands 2 NLD

3 ACTIVE PROJECTS

aWTS42100v - Wave 1 inflation cross-sectional weights

aWTS42101v - Wave 1 rescaled cross-sectional weights

aFR42309V - smoking status

- 1 Daily smoker (FR225=1)
- 2 Weekly smoker (FR225=2)
- 3 Monthly smoker (FR225=3)

aFR42245v - Cigarettes per day

Continuous

aFR42250v - Cigarettes per day (categorical)

- 1 0-10 cigarettes
- 2 11-20 cigarettes
- 3 21-30 cigarettes
- 4 more than 31 cigarettes
- 7 NA
- 9 Don't know

aFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aSB42013v - Time to the first cigarette after waking

- 1 More than 60 minutes
- 2 31-60 minutes
- 3 6-30 minutes
- 4 5 minutes or less

aBR42309V - Usual/current brand is factory-made cigarettes or rolling tobacco.

- If FR326=1, then BR309v=1.
- If FR326=2, then BR309v=2.
- If FR326=3 or 9, then BR309v=[BR309].

- 1 Factory-made cigarettes
- 2 Rolling tobacco
- 9 Don't know

aPU42231v - PU42231v... price per carton No further description found

3.9 Netherlands 2 NLD

3 ACTIVE PROJECTS

aPU42331v - PU42331v... price per pack No further description found

aPU42555v - PU42555v... price per cigarette No further description found

aDE42212v - Level of Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

aDE42312v - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

3.9.3 Netherlands NLD2

The ITC Netherlands NLD2 study was conducted in 2020 from September 22 to November 2. For more information see the technical report which can be found [here](#).

Variable Name	Label
bFR42309V	FR42309v... smoking status (derived)
bFR42245v	FR42245v... Cigarettes per day-continuous
bFR42250v	FR42250v... Cigarettes per day-categorical
bFR42260v	FR42260v... Heaviness of smoking index(HSI)
bsB42013v	SB42013v... Total min to first cig after waking-categorical
bFR42305	FR42305... simplified smoking status (derived)
bBR42309V	BR42309v... usual brand FM or RYO (derived)
bPU42231v	PU42231v... price per carton
bPU42331v	PU42331v... price per pack
bPU42555v	PU42555v... price per cig
bDE42212v	Household monthly income - derived
bDE42312v	highest education - derived
bweight	initial weights
bWTS42100v	inflation cross-sectional weight
bWTS42101v	rescaled cross-sectional weight
bWTS42121v	rescaled longitudinal weight for w1-w2 continuers
wts_infW1toW2	inflation longitudinal weight for w1-w2 continuers

Table 47: Derived Variables for wave 2 of the ITC Netherlands (NLD) Survey.

bFR42309V - Smoking status in current wave:

- 1 Daily smoker (FR225=1 or QA711=1)
- 2 Weekly smoker (FR225=2 or QA711=2)
- 3 Monthly smoker (FR225=3 or QA711=3)
- 4 Less than monthly smoker (FR225=4 and Rtype=C)
- 5 Quitter ;30 days (QA439=1 and (QA701=2 or QA706=1 or QA711=4))
- 6 Quitter 1-6 months ((QA439=2 or 3) and (QA701=2 or QA706=1 or QA711=4))
- 7 Quitter 6-12 months (QA439=4 and (QA701=2 or QA706=1 or QA711=4))
- 8 Quitter 1-2 years (QA439=5 and (QA701=2 or QA706=1 or QA711=4))

bFR42245v - Cigarettes per day

Continuous

bFR42250v - Cigarettes per day (categorical)

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 9 Don't know

bFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bSB42013v - Time to the first cigarette after waking

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

bFR42305 - FR42305... simplified smoking status (derived)

- 1 Smoker (FR309v=1-3)

bBR42309V - Usual/current brand is factory-made cigarettes or rolling tobacco.

If FR326=1, then BR309v=1.

If FR326=2, then BR309v=2.

If FR326=3 or 9, then BR309v=[BR309].

- 1 Factory-made cigarettes
- 2 Rolling tobacco
- 9 Don't know

bPU42231v - PU42231v... price per carton No further description found

bPU42331v - PU42331v... price per pack No further description found

bPU42555v - PU42555v... price per cigarette No further description found

bDE42212v - Level of Household Income (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

bDE42312v - Highest Level of Education (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

bweight - initial weights

bWTS42100v - inflation cross-sectional weight

bWTS42101v - rescaled cross-sectional weight

bWTS42121v - rescaled longitudinal weight for w1-w2 continuers

wts_infW1toW2 - inflation longitudinal weight for w1-w2 continuers

3.9.4 *Netherlands NLD3*

The ITC Netherlands NLD3 study was conducted in 2021 from June 1 to July 19. For more information see the technical report which can be found [here](#).

Variable Name	Label
cFR42309V	FR42309v... smoking status (derived)
cFR42245v	FR42245v... Cigarettes per day-continuous
cFR42250v	FR42250v... Cigarettes per day-categorical
cFR42260v	FR42260v... Heaviness of smoking index(HSI)
cSB42013v	SB42013v... Total min to first cig after waking-categorical
cBR42309V	BR42309v... usual brand FM or RYO (derived)
cPU42231v	PU42231v... price per carton
cPU42331v	PU42331v... price per pack
cPU42555v	PU42555v... price per cig
cDE42212v	Household monthly income - derived
cDE42312v	highest education - derived
cweight	initial weights
cWTS42100v	inflation cross-sectional weight
cWTS42101v	rescaled cross-sectional weight
cWTS42121v	rescaled longitudinal weight for w1-w3 continuers
cWTS42123v	rescaled longitudinal weight for w2-w3 continuers
cWTS42120v	inflation longitudinal weight for w1-w3 continuers
cWTS42122v	inflation longitudinal weight for w2-w3 continuers

Table 48: Derived Variables for wave 3 of the ITC Netherlands (NLD) Survey.

cFR42309V - Smoking status in current wave:

- 1 Daily smoker (FR225=1 or QA711=1)
- 2 Weekly smoker (FR225=2 or QA711=2)
- 3 Monthly smoker (FR225=3 or QA711=3)
- 4 Less than monthly smoker (FR225=4 and Rtype=C)
- 5 Quitter ;30 days (QA439=1 and (QA701=2 or QA706=1 or QA711=4))
- 6 Quitter 1-6 months ((QA439=2 or 3) and (QA701=2 or QA706=1 or QA711=4))
- 7 Quitter 6-12 months (QA439=4 and (QA701=2 or QA706=1 or QA711=4))
- 8 Quitter 1-2 years (QA439=5 and (QA701=2 or QA706=1 or QA711=4))

cFR42245v - Cigarettes per day

Continuous

cFR42250v - Cigarettes per day (categorical)

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 9 Don't know

cFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

cSB42013v - Time to the first cigarette after waking

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

cBR42309V - Usual/current brand is factory-made cigarettes or rolling tobacco.

If FR326=1, then BR309v=1.

If FR326=2, then BR309v=2.

If FR326=3 or 9, then BR309v=[BR309].

- 1 Factory-made cigarettes

2 Rolling tobacco

9 Don't know

cPU42231v - PU42231v... price per carton No further description found

cPU42331v - PU42331v... price per pack No further description found

cPU42555v - PU42555v... price per cigarette No further description found

cDE42212v - Level of Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

cDE42312v - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

cweight - initial weights

cWTS42100v - inflation cross-sectional weight

cWTS42101v - rescaled cross-sectional weight

cWTS42121v - rescaled longitudinal weight for w1-w3 continuers

cWTS42123v - rescaled longitudinal weight for w2-w3 continuers

cWTS42120v - inflation longitudinal weight for w1-w3 continuers

cWTS42122v - inflation longitudinal weight for w2-w3 continuers

3.10 New Zealand 2 NZL

The International Tobacco Control (ITC) New Zealand 2 (NZL) survey has had 3.5 waves of data collection that were conducted between 2016 and 2021.

3.10.1 NZL Core

Variable Name	Description
Gender	derived gender with 1=male
country	ITC Country Code : 08 - NZL
cohort	Wave of Recruitment of Respondent
BirthYear	Respondent Year of Birth
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
ethnic	Ethnicity of Respondent
rSmoke	Smoking Status at Recruitment
RespGrp	Respondent Group
inM1	Respondent was recruited in Wave 1
Region	Region of Respondent
inP2	Respondent was recruited via replenishment at Wave 2
inM2	Respondent was recontacted at Wave 2
inP3	Respondent was recruited via replenishment at Wave 3
inM3	Respondent was recontacted at Wave 3
inM35	Respondent was recontacted at Wave 35
aWTS08971v	GEE weights

Table 49: Derived Variables for the core dataset at wave 2 of the ITC New Zealand (NZL) Survey.

3.10 New Zealand 2 NZL

Sex - Derived gender with 1=male

- 1 Male
- 2 Female

country - ITC Country Code : 08 - NZL

cohort - Wave of Recruitment of Respondent

BirthYear - Respondent Year of Birth

Continuous

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

ethnic - Ethnicity of Respondent

- 1 Maori
- 2 Pacific
- 3 Non Maori Non Pacific

rSmoke - Smoking Status at Recruitment

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Quit more than one year ago

RespGrp - Respondent Group

- 1 Maori current smoker
- 2 Pacific current smoker
- 3 Younger smokers (18-24) other ethnicity
- 4 Older smokers (25+) other ethnicity

3.10 New Zealand 2 NZL

5 Recently-quit smokers

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded

1 Present/included

7 NA

Region - Region of Respondent

1 Northern

2 Midland

3 Lower North Island

4 South Island

inM2 - Respondent was recontacted at Wave 2

0 Absent/excluded

1 Present/included

7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

0 Absent/excluded

1 Present/included

7 NA

3.10.2 New Zealand NZL1

The ITC New Zealand NZL1 study was conducted from August 20, 2016 to April 24, 2017. For more information see the technical report which can be found [here](#).

Variable Name	Label
aFR08309v	smoking status (derived)
aDE08915v	Wave 1 cross-sectional weights
aDE08919v	Wave 1 rescaled cross-sectional weights
aFR08245v	CPD (cigs per day) – continuous
aFR08250v	Cigarettes per day–categorical
aFR08260v	Heaviness of smoking index(HSI)
aQA08331v	any attempts to quit since time (derived)
aQA08442v	last QA, start (derived)
aSB08012v	Total min to first cig after waking-countinuous
aSB08013v	Total min to first cig after waking-categorical
aEF08005v	awareness of e-cigs (derived)
aNC08302v	ever used e-cigs (derived)
aEC08852v	used e-cig w/ nicotine since time (derived)

Table 50: Derived Variables for wave 1 of the ITC New Zealand (NZL) Survey.

aFR08309v - smoking status (derived)

- 1 Daily smoker (if FR211=1 or QA711=1)
- 2 Weekly smoker (if FR221=1 or QA711=2)
- 3 Monthly smoker (if (FR231=1 or 2) or QA711=3)
- 4 Quit in the last month (if QA334=2 and QA442v<30 days and (QA701>1 or QA706<>2 or QA711>3))
- 5 Quit 1-6 months ago (if QA334=2 and QA442v =30-182 days and (QA701>1 or QA706<>2 or QA711>3))
- 6 Quit 6-12 months ago (if QA334=2 and QA442v =183-365 days and (QA701>1 or QA706<>2 or QA711>3))
- 7 Quit>12 months ago (if QA334=2 and QA442v>365 days and (QA701>1 or QA706<>2 or QA711>3))

aDE08915v - Wave 1 cross-sectional weights

aDE08919v - Wave 1 rescaled cross-sectional weights

aFR08245v - CPD (cigarettes per day)

Continuous

aFR08250v - Cigarettes per day—categorical

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes

aFR08260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aQA08331v - any attempts to quit since time (derived)

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aQA08442v - last quit attempt, start (derived)

Continuous

aSB08012v - Total min to first cigarette after waking

Continuous

aSB08013v - Total min to first cigarette after waking-categorical

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

aEF08005v - awareness of e-cigarettes (derived)

- 1 Yes, heard of
- 2 No, haven't heard of

aNC08302v - ever used e-cigarettes (derived)

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aEC08852v - used e-cigarette w/ nicotine since time (derived)

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

3.10.3 New Zealand NZL2

The ITC New Zealand NZL2 study was conducted in 2018 from June 26 to December 11. For more information see the technical report which can be found [here](#).

Variable Name	Label
DE08921v	Wave 12 rescaled longitudinal weights
DE08915v	Wave 2 cross-sectional weights
DE08919v	Wave 2 rescaled cross-sectional weights
bFR08309v	smoking status (derived)
bQA08514v	numberof days smoke-free covering last survey date (derived)
bEF08005v	awareness of e-cigs (derived)
bNC08302v	ever used e-cigs (derived)
bQA08101v	ever tried to quit smoking (derived)
bQA08331v	any attempts to quit since time (derived)
bQA08561v	# quit attempts since time (derived)
bQA08442v	last cig QA, start (derived)
bQA08236v	last QA, length (derived)
bFR08245v	CPD (cigs per day) – continuous
bFR08250v	CPD (cigs per day) – categories
bFR08260v	heaviness of smoking index (HIS)
bSB08012v	min to first cig after waking (derived, continuous)
bSB08013v	min to first cig after waking (derived, category)
bPU2v	derived price per cig (carton purchase)
bPU3v	derived price per cig (pack purchase)
bPU4v	derived price per cig (cigarette purchase)
bPU5v	derived price per 10g (RYO purchase)
bEC08852v	used e-cig w/ nicotine since time (derived)

Table 51: Derived Variables for wave 2 of the ITC New Zealand (NZL) Survey.

DE08921v - Wave 12 rescaled longitudinal weights

DE08915v - Wave 2 cross-sectional weights

DE08919v - Wave 2 rescaled cross-sectional weights

bFR08309v - smoking status (derived)

- 1 Daily smoker (if FR211=1 or QA711=1)
- 2 Weekly smoker (if FR221=1 or QA711=2)
- 3 Monthly smoker (if FR231=1 or FR304=1 or QA711=3)
- 4 Quit in the last month (if (QA342=1 or QA342=2 or QA334=2 or FR304=2) and QA442v<30 days and (QA701>1 or QA706<>2 or QA711>3))
- 5 Quit 1-6 months ago (if (QA342=1 or QA342=2 or QA334=2 or FR304=2) and QA442v=30-182 days and (QA701>1 or QA706<>2 or QA711>3))
- 6 Quit 6-12 months ago (if (QA342=1 or QA342=2 or QA334=2 or FR304=2) and QA442v=183-365 days and (QA701>1 or QA706<>2 or QA711>3))
- 7 Quit>12 months ago (if (QA342=1 or QA342=2 or QA334=2 or FR304=2) and QA442v>365 days and (QA701>1 or QA706<>2 or QA711>3))

bQA08514v - number of days smoke-free covering last survey date (derived)

Continuous

bEF08005v - awareness of e-cigarettes (derived)

- 1 Yes, heard of
- 2 No, haven't heard of

bNC08302v - ever used e-cigarettes (derived)

- 1 Yes
- 2 No

bQA08101v - ever tried to quit smoking (derived)

- 1 Yes
- 2 No

bQA08331v - any attempts to quit since time (derived)

- 1 Yes
- 2 No

bQA08561v - # quit attempts since time (derived)

- 1 Yes
- 2 No

3.10 New Zealand 2 NZL

3 ACTIVE PROJECTS

bQA08442v - last cigarette quit attempt, start (derived)

Continuous

bQA08236v - last quit attempt, length (derived)

Continuous

bFR08245v - CPD (cigarettes per day)

Continuous

bFR08250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 Not Applicable

8 Refused

9 Don't know

bFR08260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bSB08012v - min to first cigarette after waking

Continuous

bSB08013v - min to first cigarette after waking (derived, category)

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

7 Not Applicable

8 Refused

9 Don't know

bPU2v - derived price per cigarette (carton purchase)

Continuous

bPU3v - derived price per cigarette (pack purchase)

Continuous

bPU4v - derived price per cigarette (cigarette purchase)

Continuous

bPU5v - derived price per 10g (RYO purchase)

Continuous

bEC08852v - used e-cigarette w/ nicotine since time (derived)

Continuous

3.10.4 New Zealand NZL3

The ITC New Zealand NZL3 study was conducted from November 8th, 2020 to February 27th, 2021.

Variable Name	Label
cWTS08100v	Wave 3 cross-sectional weights
cWTS08101v	Wave 3 rescaled cross-sectional weights
cFR08225v	freq of cigs, by week/ day (derived)
cFR08309v	smoking status (derived)
cEC08309v	e-cigarette status (derived)
cQA08101v	Derived variable: ever made a quit attempt.
cQA08331v	Derived variable: any quit attempt made since LSD/ in the last 24 months, for current smokers and quitters.)
cFR08245v	CPD (cigs per day) – continuous
cFR08250v	CPD (cigs per day) – categories
cBR08309v	usual brand FM or RYO (derived)
cPU2v	derived price per cig (carton purchase)
cPU3v	derived price per cig (pack purchase)
cPU4v	derived price per cig (cigarette purchase)
cEC08547v	derivation of RYO purchase size in grams
cPU5v	derived price per 10g (RYO purchase)
cEC08852v	used e-cig w/ nicotine since time (derived)
cSB08020v	min to first cig after waking (derived, category)
cFR08260v	heaviness of smoking index (HSI)

Table 52: Derived Variables for wave 3 of the ITC New Zealand (NZL) Survey.

cWTS08100v - Wave 3 cross-sectional weights

cWTS08101v - Wave 3 rescaled cross-sectional weights

cFR08225v - smoking status (derived)

If Rtype=P and FR299=2, FR225v=5.

If Rtype=C and QA342=1 or 2, FR225v=5.

Otherwise FR225v=FR225.

- 1 Daily
- 2 Less than daily, but at least once a week
- 3 Less than weekly, but at least once a month
- 4 Less than monthly, but occasionally
- 5 I have quit smoking

cFR08309v - smoking status (derived)

- 1 Daily smoker (if FR225v=1 or QA711=1)
- 2 Weekly smoker (if FR225v=2 or QA711=2)
- 3 Monthly smoker (if FR225v=3 or FR304=1 or QA711=3)
- 4 Quit in the last month (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=1).
- 5 Quit 1-6 months ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=2 or 3).
- 6 Quit 6-12 months ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=4)
- 7 Quit 13-24 months ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=5 or 6)
- 8 Quit >2 years ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=7 or 8)

cEC08309v - e-cigarette status (derived)

- 1 Current Daily vaper (NC304=1)
- 2 Current Weekly vaper (NC304=2)
- 3 Current Less Than Weekly vaper (NC304=3-4)
- 4 Ever Stopper: past vaper at least weekly (NC304=5-9 AND (NC309=1-2 or EF130=1))
- 5 Trier: vaped once or more ((NC309=5-6) OR (NC304=5-9 and ((NC309=3 or 4) or EF130=2, 8 or 9)))
- 6 Never Tried e-cigarettes (NC302=2)
- 7 Never Heard of e-cigarettes (NC302=3, 8 or 9)

cQA08101v - Derived variable: ever made a quit attempt.

If QA101=1, then QA101v=1.

If FR225=5, then QA101v=1.

If FR225=4 and FR304=2, then QA101v=1.

If Rtype=C and FR309v@LSD=4-7, then QA101v=1.

If Rtype=P and FR299=2, then QA101v=1.

Otherwise, QA101v=2.

1 Yes

2 No

cQA08331v - Derived variable: any quit attempt made since LSD/ in the last 24 months, for current smokers and quitters.

If ((QA331=1) or (QA342=2) or (QA439=1-6), then QA331v=1.

Otherwise, QA331v=2.

1 Yes

2 No

cFR08245v - CPD (cigarettes per day)

Continuous

cFR08250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 Not Applicable

8 Refused

9 Don't know

cBR08309v - Derived variable – Usual/ current brand is TM or RYO

If FR326=1-2, BR309v=1-2.

If FR326=3, 8 or 9, BR309v=BR309.

1 Tailor-made cigarettes

2 Roll-your-own cigarettes

cPU2v - Derived price per cigarette for carton purchase, and check against allowable price range: (carton purchase)

1. Derived price per carton as PU231v:

If PU229=2, then $PU231v = [PU241] / [PU211]$.

Otherwise, $PU231v = [PU231]$.

2. Derived price per cigarette as PU2v:

$PU2v = [PU231v] / ([PU222(o)] * [PU227(o)])$

Allowable price range per cigarette (NZD):

If (SO221=09, 10, 13, 14 or 15), then allowable price range is 0.30–2.00.

Otherwise, allowable price range is 1.25–2.00.

- 1 Derived price within allowable range
- 2 Derived price outside allowable range
- 3 Price could not be derived due to missing responses
- 7 Not Applicable

cPU3v - Derived price per cigarette for pack purchase, and check against allowable price range: (pack purchase)

1. Derived price per pack as PU331v:

If PU329=2, then $PU331v = [PU341] / [PU311]$.

Otherwise, $PU331v = [PU331]$.

2. Derived price per cigarette as PU3v:

$PU3v = [PU331v] / [PU322(o)]$

Allowable price range per cigarette (NZD):

If (SO221=09, 10, 13, 14 or 15), then allowable price range is 0.30–2.00.

Otherwise, allowable price range is 1.25–2.00.

- 1 Derived price within allowable range
- 2 Derived price outside allowable range
- 3 Price could not be derived due to missing responses
- 7 Not Applicable

cPU4v - Derived price per cigarette for cigarette purchase, and check against allowable price range: (cigarette purchase)

Derived price per cigarette as PU4v:

If PU429=2, then $PU4v = [PU441] / [PU411]$.

Otherwise, $PU4v = [PU431]$.

Allowable price range per cigarette (NZD):

If (SO221=09, 10, 13, 14 or 15), then allowable price range is 0.30–2.00.

Otherwise, allowable price range is 1.25–2.00.

3.10 New Zealand 2 NZL

3 ACTIVE PROJECTS

- 1 Derived price within allowable range
- 2 Derived price outside allowable range
- 3 Price could not be derived due to missing responses
- 7 Not Applicable

cPU08547v - derivation of RYO purchase size in grams

If PU547=1, PU547v=30.

If PU547=2, PU547v=50.

If PU547=3, 8 or 9, PU547v=. (missing data)

cPU5v - Derived price per gram for RYO purchase, and check against allowable range:

Derived price per gram as PU531v:

If PU529=2, then $PU531v = [PU541] / ([PU511]*[PU547v])$.

Otherwise, $PU531v = [PU531] / [PU547v]$.

Allowable price range per 1 gram RYO (NZD):

If (SO221=09, 10, 13, 14 or 15), then allowable price range is 0.50–2.50.

Otherwise, allowable price range is 1.75–2.50.

- 1 Derived price within allowable range
- 2 Derived price outside allowable range
- 3 Price could not be derived due to missing responses
- 7 Not Applicable

cPU08852v - used e-cig w/ nicotine since time (derived)

If EC630=1 or EC430=1 or EC852=1, then EC852v=1.

Otherwise, EC852v=2.

- 1 Used nicotine e-cig in last 12M
- 2 Did not use nicotine e-cig in last 12M

cSB08020v - Total min to first cigarette after waking-categorical, recoded for HSI calculation

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 5 minutes or less

cFR08260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

3.10.5 New Zealand NZL3.5

The ITC New Zealand NZL3.5 study was conducted in 2021 from June 8th to July 26th.

Variable Name	Label
ccWTS08100v	Wave 3.5 cross-sectional weights
ccWTS08101v	Wave 3.5 rescaled cross-sectional weights
ccWTS08120v	wave 3 to wave 3.5 longitudinal weights
ccWTS08121v	wave 3 to rescaled wave 3.5 longitudinal weights
ccFR08225v	freq of cigs, by week/ day (derived)
ccFR08309v	smoking status (derived)
ccEC08309v	e-cigarette status (derived)
ccQA08101v	ever tried to quit smoking (derived)
ccFR08245v	CPD (cigs per day) – continuous
cFR08250v	CPD (cigs per day) – categories
ccEC08852v	used e-cig w/ nicotine since time (derived)
ccSB08020v	min to first cig after waking (derived, category)
ccFR08260v	heaviness of smoking index (HSI)

Table 53: Derived Variables for wave 3.5 of the ITC New Zealand (NZL) Survey.

ccWTS08100v - Wave 3.5 cross-sectional weights

ccWTS08101v - Wave 3.5 rescaled cross-sectional weights

ccWTS08120v - wave 3 to wave 3.5 longitudinal weights

ccWTS08121v - wave 3 to rescaled wave 3.5 longitudinal weights

ccFR08225v - smoking status (derived)

If Rtype=P and FR299=2, FR225v=5.

If Rtype=C and QA342=1 or 2, FR225v=5.

Otherwise FR225v=FR225.

- 1 Daily
- 2 Less than daily, but at least once a week
- 3 Less than weekly, but at least once a month
- 4 Less than monthly, but occasionally
- 5 I have quit smoking

ccFR08309v - smoking status (derived)

- 1 Daily smoker (if FR225v=1 or QA711=1)
- 2 Weekly smoker (if FR225v=2 or QA711=2)
- 3 Monthly smoker (if FR225v=3 or FR304=1 or QA711=3)
- 4 Quit in the last month (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=1).
- 5 Quit 1-6 months ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=2 or 3).
- 6 Quit 6-12 months ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=4)
- 7 Quit 13-24 months ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=5 or 6)
- 8 Quit >2 years ago (if FR304=2 OR [FR225v=5 and (FR299=2 or (QA701<>1 or QA706<>2 or QA711>3))] and (QA439=7 or 8)

ccEC08309v - e-cigarette status (derived)

- 1 Current Daily vaper (NC304=1)
- 2 Current Weekly vaper (NC304=2)
- 3 Current Less Than Weekly vaper (NC304=3-4)
- 4 Ever Stopper: past vaper at least weekly (NC304=5-9 AND (NC309=1-2 or EF130=1))
- 5 Trier: vaped once or more ((NC309=5-6) OR (NC304=5-9 and ((NC309=3 or 4) or EF130=2, 8 or 9)))

3.10 New Zealand 2 NZL

3 ACTIVE PROJECTS

6 Never Tried e-cigarettes (NC302=2)

7 Never Heard of e-cigarettes (NC302=3, 8 or 9)

ccQA08101v - Derived variable: ever made a quit attempt.

If QA101=1, then QA101v=1.

If FR225=5, then QA101v=1.

If FR225=4 and FR304=2, then QA101v=1.

Otherwise, QA101v=2.

1 Yes

2 No

ccFR08245v - CPD (cigarettes per day)

Continuous

ccFR08250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 Not Applicable

8 Refused

9 Don't know

ccPU08852v - used e-cigarette with nicotine in last 6 months (derived)

If EC430=1 or EC852=1, then EC852v=1.

Otherwise, EC852v=2.

1 Used nicotine e-cig in last 12M

2 Did not use nicotine e-cig in last 12M

ccSB08020v - Total min to first cigarette after waking-categorical, recoded for HSI calculation

0 More than 60 minutes

1 31-60 minutes

2 6-30 minutes

3 5 minutes or less

ccFR08260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

4 Archived Projects

Archived projects are any projects that have not had any data collections since 2018 or that have been replaced by a newer cohort study within the same country.

4.1 4 Country 4C

The International Tobacco Control (ITC) 4-Country Cigarette (4C) had 10 waves of data collection (and additionally two half waves 7.5 and 8.5) collected in Australia, Canada, England, and the United States of America spanning from 2002 to 2014.

The 4CV survey was a precursor to the ITC 4 Country (4CV) Cigarette and Vaping survey which replaced it in 2016.

4.1.1 4C Core

Variable Name	Description
country	ITC Country Code : - 4C
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
BirthYr	Respondent Year of Birth
BirthMo	Respondent Month of Birth
ethnic	Ethnicity of Respondent
HouseCMP	Household Composition
rSmoke	Smoking Status at Recruitment
caFrench	French interview (CA)
inM1	Respondent present in Wave 1 Main sample
inR1	Respondent present in Wave 1 recruitment
aStrata	Wave 1 Strata
inM2	Respondent present in Wave 2 Main sample
inR2	Respondent present in Wave 2 recruitment
inP2	Respondent present in Wave 2 replenishment
bStrata	Wave 2 Strata
inM3	Respondent present in Wave 3 Main sample
inR3	Respondent present in Wave 3 recruitment
inP3	Respondent present in Wave 3 replenishment
cStrata	Wave 3 Strata
inM4	Respondent present in Wave 4 Main sample
inR4	Respondent present in Wave 4 recruitment
inP4	Respondent present in Wave 4 replenishment
dStrata	Wave 4 Strata
inM5	Respondent present in Wave 5 Main sample
inR5	Respondent present in Wave 5 recruitment
inP5	Respondent present in Wave 5 replenishment
eStrata	Wave 5 Strata
inM6	Respondent present in Wave 6 Main sample
inR6	Respondent present in Wave 6 recruitment
inP6	Respondent present in Wave 6 replenishment
fStrata	Wave 6 Strata

Table 54: Derived Variables for the core dataset at wave 1 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Description
inM7	Respondent present in Wave 7 Main sample
inR7	Respondent present in Wave 7 recruitment
inP7	Respondent present in Wave 7 replenishment
gStrata	Wave 7 Strata
inM7_5	Respondent present in Wave 7.5 Main sample
ggStrata	Wave 7.5 Strata
inM8	Respondent present in Wave 8 Main sample
inR8	Respondent present in Wave 8 recruitment
inP8	Respondent present in Wave 8 replenishment
hStrata	Wave 8 Strata
inM8_5	Respondent present in Wave 8.5 Main sample
inR8_5	Respondent present in Wave 8.5 recruitment
inP8_5	Respondent present in Wave 8.5 replenishment
hhStrata	Wave 8.5 Strata
inM9	Respondent present in Wave 9 Main sample
inR9	Respondent present in Wave 9 recruitment
inP9	Respondent present in Wave 9 replenishment
iStrata	Wave 9 Strata
inM10	Respondent present in Wave 10 Main sample
inR10	Respondent present in Wave 10 recruitment
inP10	Respondent present in Wave 10 replenishment
jStrata	Wave 10 Strata
lost	Wave when respondent was lost to follow up

Table 55: Derived Variables for the core dataset at wave 1 of the ITC 4 Country (4C) Survey. (b)

4.1 4 Country 4C

country - ITC Country Code : - 4C

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55-max

7 NA

8 Refused

9 DK

BirthYr - Respondent Year of Birth

Continuous

BirthMo - Respondent Month of Birth

1 January

2 February

3 March

4 April

5 May

6 June

7 July

8 August

9 September

10 October

11 November

12 December

77 Not applicable

88 Refused

4.1 4 Country 4C

99 Don't know

ethnic - Ethnicity of Respondent

- 1 white, English only
- 2 non-white, non-English
- 7 NA
- 8 Refused
- 9 DK

HouseCMP - Household Composition

- 1 Single adult smoker
- 2 All adults smokers
- 3 Mixed adult household
- 7 NA
- 8 Refused
- 9 DK

rSmoke - Smoking Status at Recruitment

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 NA
- 8 Refused
- 9 DK

caFrench - French interview (CA)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

inM1 - Respondent present in Wave 1 Main sample

inR1 - Respondent present in Wave 1 recruitment

4.1 4 Country 4C

inM2 - Respondent present in Wave 2 Main sample
inR2 - Respondent present in Wave 2 recruitment
inP2 - Respondent present in Wave 2 replenishment
inM3 - Respondent present in Wave 3 Main sample
inR3 - Respondent present in Wave 3 recruitment
inP3 - Respondent present in Wave 3 replenishment
inM4 - Respondent present in Wave 4 Main sample
inR4 - Respondent present in Wave 4 recruitment
inP4 - Respondent present in Wave 4 replenishment
inM5 - Respondent present in Wave 5 Main sample
inR5 - Respondent present in Wave 5 recruitment
inP5 - Respondent present in Wave 5 replenishment
inM6 - Respondent present in Wave 6 Main sample
inR6 - Respondent present in Wave 6 recruitment
inP6 - Respondent present in Wave 6 replenishment
inM7 - Respondent present in Wave 7 Main sample
inR7 - Respondent present in Wave 7 recruitment
inP7 - Respondent present in Wave 7 replenishment
inM7_5 - Respondent present in Wave 7.5 Main sample
inM8 - Respondent present in Wave 8 Main sample
inR8 - Respondent present in Wave 8 recruitment
inP8 - Respondent present in Wave 8 replenishment
inM8_5 - Respondent present in Wave 8.5 Main sample
inR8_5 - Respondent present in Wave 8.5 recruitment
inP8_5 - Respondent present in Wave 8.5 replenishment
inM9 - Respondent present in Wave 9 Main sample
inR9 - Respondent present in Wave 9 recruitment
inP9 - Respondent present in Wave 9 replenishment

inM10 - Respondent present in Wave 10 Main sample

inR10 - Respondent present in Wave 10 recruitment

inP10 - Respondent present in Wave 10 replenishment

inM1, inR1, inM2, inR2, inP2, inM3, inR3, inP3, inM4, inR4, inP4, inM5, inR5, inP5, inM6, inR6, inP6, inM7, inR7, inP7, inM7_5, inM8, inR8, inP8, inM8_5, inR8_5, inP8_5, inM9, inR9, inP9, inM10, inR10 and inP10 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

aStrata - Wave 1 Strata

bStrata - Wave 2 Strata

cStrata - Wave 3 Strata

dStrata - Wave 4 Strata

eStrata - Wave 5 Strata

fStrata - Wave 6 Strata

gStrata - Wave 7 Strata

ggStrata - Wave 7.5 Strata

hStrata - Wave 8 Strata

hhStrata - Wave 8.5 Strata

iStrata - Wave 9 Strata

jStrata - Wave 10 Strata

aStrata, bStrata, cStrata, dStrata, eStrata, fStrata, gStrata, ggStrata, hStrata, hhStrata, iStrata, and jStrata all have the following values:

101 NL

102 PE

103 NS

104 NB

105 ML

106 QC

107 TO

108 GT

4.1 4 Country 4C

- 109 ON
- 110 MB
- 111 SK
- 112 AB
- 113 VR
- 114 BC
- 177 NA
- 201 NY
- 202 PA
- 203 NE
- 204 IL
- 205 MI
- 206 OH
- 207 MW
- 208 FL
- 209 TX
- 210 SO
- 211 CA
- 212 WE
- 301 North East
- 302 Yorkshire & the Humber
- 303 East Midlands
- 304 Eastern
- 305 London
- 306 South East
- 307 South West
- 308 West Midlands
- 309 North West
- 310 Wales
- 320 Scotland
- 330 Northern Ireland
- 401 NSW Metro
- 402 NSW Country
- 403 VIC Metro
- 404 VIC Country

4.2 4 Country 4C1

405 QLD Metro

406 QLD Country

407 SA Metro

408 SA Country

409 WA Metro

410 WA Country

411 TAS Metro

412 TAS Country

413 ACT

414 NT

lost - Wave when respondent was lost to follow up

4.2 4 Country 4C1

The ITC 4 Country 4C1 study was conducted in 2002 from October 30 to December 30. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE911v	cross-sectional weight for R1
aDE915v	cross-sectional weight for M1
aDE919v	rescaled cross-sectional weight for M1
aDE212v	income categories
aFR309v	smoking status
aFR245v	CPD (cigs per day) – continuous
aFR250v	CPD (cigs per day) – categories
aSB012v	total min to first cig (continuous)
aSB013v	total min to first cig after waking (cat)
aFR260v	Heaviness of Smoking Index (HSI)
aBQ150v	Intention to quit
aFR333v	use of RYO vs factory made (categ)
aST302v	# non-cig tob prods used in 1M (counter)
aSB226v	overall freq of butting out before finishing
aPU221v	packs per carton (derived)
aPU321v	cigs per pack (continuous; derived)
aSO502v	# sources of cheap cigs (counter)
aST507v	# less harmful cigs named (counter)
aST552v	# less harmful cigs ever tried (counter)
aST602v	# less-harmful cigs tried since LSD (counter)
aNR112v	# meds used in 6M (counter)
aNR202v	# meds used at the same time (counter)
aNR811v	received advice from doctor to quit, overall
aNR813v	referral from doctor to quit, overall
aNR815v	quitting Rx from doctor, overall
aNR817v	quitting pamphlet from doctor, overall
aDE312v	highest level of education (all countries)

Table 56: Derived Variables for wave 1 of the ITC 4 Country (4C) Survey.

4.2 4 Country 4C1

aDE911v - cross-sectional weight for R1

aDE915v - cross-sectional weight for M1

aDE919v - rescaled cross-sectional weight for M1

aDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

aFR309v - smoking status in current wave:

- 1 Daily Smoker
- 2 Weekly Smoker
- 3 Monthly Smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Not applicable
- 8 Refused
- 9 Don't know

aFR245v - CPD (cigarettes per day)

Continuous

aFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 DK

aSB012v - total min to first cigarette

Continuous

aSB013v - total min to first cigarette after waking (categorical)

- 0 > 60 min

4.2 4 Country 4C1

- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

aFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

aFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

aST302v - number of non-cigarette tobacco prods used in 1 month (counter)

Continuous

aSB226v - overall frequency of butting out before finishing

- 0 never
- 1 once
- 2 a few times
- 3 lots of times
- 7 NA

4.2 4 Country 4C1

8 Refused

9 DK

aPU221v - packs per carton (derived)

Continuous

aPU321v - cigarettes per pack (continuous; derived)

Continuous

aSO502v - number of sources of cheap cigarettes (counter)

Continuous

aST507v - number of less harmful cigarettes named (counter)

Continuous

aST552v - number of less harmful cigarettes ever tried (counter)

Continuous

aST602v - number of less-harmful cigarettes tried since LSD (counter)

Continuous

aNR112v - number of medications used in 6M (counter)

Continuous

aNR202v - number of medications used at the same time (counter)

Continuous

aNR811v - received advice from doctor to quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

aNR813v - referral from doctor to quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

4.2 4 Country 4C1

aNR815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

aNR817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

aDE312v - highest level of education (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

4.2.1 4 Country 4C2

The ITC 4 Country 4C2 study was conducted in 2003 from May 16 to September 28. For more information see the technical report which can be found [here](#).

Variable Name	Label
bDE911v	cross-sectional weight for R2
bDE915v	cross-sectional weight for P2
bDE917v	cross-sectional weight for M2
bDE919v	combined cross-sectional weight for M2-P2
bDE921v	longitudinal weight for M1-M2 continuers
bDE212v	income categories
bFR309v	smoking status
bFR245v	CPD (cigs per day) – continuous
bFR250v	CPD (cigs per day) – categories
bSB012v	total min to first cig (continuous)
bSB013v	total min to first cig after waking (cat)
bFR260v	Heaviness of Smoking Index (HSI)
bBQ150v	Intention to quit
bFR333v	use of RYO vs factory made (categ)
bSB226v	overall freq of butting out before finishing
bPU221v	packs per carton (derived)
bPU321v	cigs per pack (continuous; derived)
bSO502v	# sources of cheap cigs (counter)
bST302v	# non-cig tob prods used in 1M (counter)
bST507v	# less harmful cigs named (counter)
bST552v	# less harmful cigs ever tried (counter)
bST602v	# less-harmful cigs tried since LSD (counter)
bST652v	# less harmful cigs still using (counter)
bNR112v	# meds used in 6M (counter)
bNR811v	received advice from doctor to quit, overall
bNR813v	referral from doctor to quit, overall
bNR815v	quitting Rx from doctor, overall
bNR817v	quitting pamphlet from doctor, overall
bDE312v	highest level of education (all countries)

Table 57: Derived Variables for wave 2 of the ITC 4 Country (4C) Survey.

4.2 4 Country 4C1

bDE911v - cross-sectional weight for R2

bDE915v - cross-sectional weight for P2

bDE917v - cross-sectional weight for M2

bDE919v - combined cross-sectional weight for M2-P2

bDE921v - longitudinal weight for M1-M2 continuers

bDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

bFR309v - smoking status in current wave:

- 1 Daily Smoker
- 2 Weekly Smoker
- 3 Monthly Smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Not applicable
- 8 Refused
- 9 Don't know

bFR245v - CPD (cigarettes per day)

Continuous

bFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 DK

bSB012v - total min to first cigarette

Continuous

4.2 4 Country 4C1

4 ARCHIVED PROJECTS

bSB013v - total min to first cigarette after waking (categorical)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

bFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

bFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

bSB226v - overall frequency of butting out before finishing

- 0 never
- 1 once
- 2 a few times
- 3 lots of times
- 7 NA

4.2 4 Country 4C1

8 Refused

9 DK

bPU221v - packs per carton (derived)

Continuous

bPU321v - cigarettes per pack (continuous; derived)

Continuous

bSO502v - number of sources of cheap cigarettes (counter)

Continuous

bST302v - number of non-cigarette tobacco prods used in 1M (counter)

Continuous

bST507v - number of less harmful cigarettes named (counter)

Continuous

bST552v - number of less harmful cigarettes ever tried (counter)

Continuous

bST602v - number of less-harmful cigarettes tried since LSD (counter)

Continuous

bST652v - number of less harmful cigarettes still using (counter)

Continuous

bNR112v - number of medications used in 6 months (counter)

Continuous

bNR811v - received advice from doctor to quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

bNR813v - referral from doctor to quit, overall

1 Yes

2 No

7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

bNR815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

bNR817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

bDE312v - highest level of education (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

4.2.2 4 Country 4C3

The ITC 4 Country 4C3 study was conducted in 2004 from June 3 to December 27. For more information see the technical report which can be found [here](#).

Variable Name	Label
cDE911v	cross-sectional weight for R3
cDE915v	cross-sectional weight for P3
cDE917v	cross-sectional weight for M2/P2 continuers
cDE919v	combined cross-sectional weight for M2/P2-P3
cDE921v	longitudinal weight for M1-M2-M3 continuers
cDE923v	longitudinal weight for M2/P2-M3 continuers
cDE212v	income categories
cFR309v	smoking status
cFR245v	CPD (cigs per day) – continuous
cFR250v	CPD (cigs per day) – categories
cSB012v	total min to first cig (continuous)
cSB013v	total min to first cig after waking (cat)
cFR260v	Heaviness of Smoking Index (HSI)
cBQ150v	Intention to quit
cFR333v	use of RYO vs factory made (categ)
cBR501v	how long smoked this brand (dervied, in months)
cSB226v	overall freq of butting out before finishing
cPU222v	# packs per carton (categ; derived)
cPU322v	# cigs per pack (categ; derived)
cSO502v	# sources of cheap cigs (counter)
cST302v	# non-cig tob prods used in 1M (counter)
cST507v	# less harmful cigs named (counter)
cST552v	# less harmful cigs ever tried (counter)
cST602v	# less-harmful cigs tried since LSD (counter)
cST652v	# less harmful cigs still using (counter)
cNR112v	# meds used in 6M (counter)
cNR811v	received advice from doctor to quit, overall
cNR821v	support from doctor for having quit, overall
cNR813v	referral from doctor to quit, overall
cNR823v	referral from doctor to help stay quit, overall
cNR815v	quitting Rx from doctor, overall
cNR817v	quitting pamphlet from doctor, overall
cNR827v	pamphlet from doctor on how to stay quit, overall
cDE312v	highest level of education (all countries)

Table 58: Derived Variables for wave 3 of the ITC 4 Country (4C) Survey.

4.2 4 Country 4C1

cDE911v - cross-sectional weight for R3

cDE915v - cross-sectional weight for P3

cDE917v - cross-sectional weight for M2/P2 continuers

cDE919v - combined cross-sectional weight for M2/P2-P3

cDE921v - longitudinal weight for M1-M2-M3 continuers

cDE923v - longitudinal weight for M2/P2-M3 continuers

cDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

cFR309v - smoking status in current wave:

- 1 Daily Smoker
- 2 Weekly Smoker
- 3 Monthly Smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Not applicable
- 8 Refused
- 9 Don't know

cFR245v - CPD (cigarettes per day)

Continuous

cFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 DK

cSB012v - total min to first cigarette

Continuous

cSB013v - total min to first cigarette after waking (categorical)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

cFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

cBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

cFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

cBR501v - how long smoked this brand (derived, in months)

Continuous

cSB226v - overall frequency of butting out before finishing

- 0 never

4.2 4 Country 4C1

- 1 once
- 2 a few times
- 3 lots of times
- 7 NA
- 8 Refused
- 9 DK

cPU222v - number of packs per carton (categorical; derived)

- 1 four
- 2 five
- 3 six
- 4 seven
- 5 eight
- 6 ten
- 7 twenty
- 8 other
- 77 NA
- 88 Refused
- 99 DK

cPU322v - number of cigarettes per pack (categorical; derived)

- 1 ten
- 2 twenty
- 3 twenty-five
- 4 thirty
- 5 thirty-five
- 6 forty
- 7 fifty
- 8 other, specify
- 9 dont know
- 77 NA
- 88 Refused
- 97 other, specify
- 99 DK

cSO502v - number of sources of cheap cigarettes (counter)

Continuous

cST302v - number of non-cigarette tobacco prods used in 1 month (counter)

Continuous

cST507v - number of less harmful cigarettes named (counter)

Continuous

cST552v - number of less harmful cigarettes ever tried (counter)

Continuous

cST602v - number of less-harmful cigarettes tried since LSD (counter)

Continuous

cST652v - number of less harmful cigarettes still using (counter)

Continuous

cNR112v - number of medications used in 6M (counter)

Continuous

cNR811v - received advice from doctor to quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

cNR821v - support from doctor for having quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

cNR813v - referral from doctor to quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

cNR823v - referral from doctor to help stay quit, overall

4.2 4 Country 4C1

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cNR815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cNR817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cNR827v - pamphlet from doctor on how to stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cDE312v - highest level of education (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

4.2.3 4 Country 4C4

The ITC 4 Country 4C4 study was conducted from October 10, 2005 to January 31, 2006. For more information see the technical report which can be found [here](#).

Variable Name	Label
dDE911v	cross-sectional weight for R4
dDE915v	cross-sectional weight for P4
dDE917v	cross-sectional weight for M3/P3 continuers
dDE919v	combined cross-sectional weight for M3/P3-P4
dDE921v	longitudinal weight for M1-M2-M3-M4 continuers
dDE923v	longitudinal weight for M2/P2-M3-M4 continuers
dDE925v	longitudinal weight for M3/P3-M4 continuers
dDE212v	income categories
dFR309v	smoking status - calculated, not asked
dFR245v	CPD (cigs per day) – continuous
dFR250v	CPD (cigs per day) – categories
dSB012v	total min to first cig (continuous)
dSB013v	total min to first cig after waking (cat)
dFR260v	Heaviness of Smoking Index (HSI)
dBQ150v	Intention to quit
dFR333v	use of RYO vs factory made (categ)
dQA442v	days since start of most recent quit attempt
dQA553v	days longest time smokefree since lsd
dBR502v	how long smoked this brand (dervied, in months)
dBR505v	composite of br503 and br501a-d
dSB226v	overall freq of butting out before finishing
dSO401v	purchase locations (counter)

Table 59: Derived Variables for wave 4 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
dST302v	# non-cig tob prods used in 1M (counter)
dST507v	# less harmful cigs named (counter)
dST602v	# less-harmful cigs tried since LSD (counter)
dST552v	# less harmful cigs ever tried (counter)
dST652v	# less harmful cigs still using (counter)
dNR112v	# meds used in 6M (counter)
dNR811v	received advice from doctor to quit, overall
dNR813v	referral from doctor to quit, overall
dNR815v	quitting Rx from doctor, overall
dNR817v	quitting pamphlet from doctor, overall
dNR821v	support from doctor for having quit, overall
dNR823v	referral from doctor to help stay quit, overall
dNR827v	pamphlet from doctor on how to stay quit, overall
dDE312v	highest level of education (all countries)

Table 60: Derived Variables for wave 4 of the ITC 4 Country (4C) Survey. (b)

dDE911v - cross-sectional weight for R4

dDE915v - cross-sectional weight for P4

dDE917v - cross-sectional weight for M3/P3 continuers

dDE919v - combined cross-sectional weight for M3/P3-P4

dDE921v - longitudinal weight for M1-M2-M3-M4 continuers

dDE923v - longitudinal weight for M2/P2-M3-M4 continuers

dDE925v - longitudinal weight for M3/P3-M4 continuers

dDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

dFR309v - smoking status in current wave: - calculated, not asked

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily Smoker (if QA711 OR FR306 OR FR307=1)
- 2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)
- 3 Monthly Smoker (if QA711 OR FR306=3-4 OR FR307=3)
- If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:
- 4 Quit in the last month (if QA442v<=30)
- 5 Quit 1-6 months ago (if QA442v>30 and<=180)
- 6 Quit more than 6 months ago (if QA442v>180)
- 7 Not applicable
- 8 Refused
- 9 Don't know

dFR245v - CPD (cigarettes per day)

Continuous

dFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes

4.2 4 Country 4C1

7 NA

8 Refused

9 DK

dSB012v - total min to first cigarette

Continuous

dSB013v - total min to first cigarette after waking (categorical)

0 > 60 min

1 31-60 min

2 6-30 min

3 < 5 min

7 NA

8 Refused

9 DK

dFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dBQ150v - Intention to quit

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

dFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

1 only FM cigarettes

2 mainly FM

3 FM and RYO similar

4 mainly RYO

5 only RYO

7 NA

8 Refused

9 DK

dQA442v - days since start of most recent quit attempt

Continuous

dQA553v - days longest time smokefree since lsd

Continuous

dBR502v - how long smoked this brand (derived, in months)

Continuous

dBR505v - composite of br503 and br501a-d

1 current brand smoked less than one year

2 current brand smoked one year or more

7 NA

8 Refused

9 DK

dSB226v - overall frequency of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

dSO401v - purchase locations (counter)

Continuous

dST302v - number of non-cigarette tobacco prods used in 1 month (counter)

Continuous

dST507v - number of less harmful cigarettes named (counter)

Continuous

dST602v - number of less-harmful cigarettes tried since LSD (counter)

Continuous

dST552v - number of less harmful cigarettes ever tried (counter)

Continuous

4.2 4 Country 4C1

dST652v - number of less harmful cigarettes still using (counter)

Continuous

dNR112v - number of medications used in 6months (counter)

Continuous

dNR811v - received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

dNR813v - referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

dNR815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

dNR817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

dNR821v - support from doctor for having quit, overall

- 1 Yes
- 2 No
- 7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

dNR823v - referral from doctor to help stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

dNR827v - pamphlet from doctor on how to stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

dDE312v - highest level of education (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

4.2.4 4 Country 4C5

The ITC 4 Country 4C5 study was conducted from October 11, 2006 to February 17, 2007. For more information see the technical report which can be found [here](#).

Variable Name	Label
eDE911v	recruitment cross-sectional weight for P5
eDE915v	replenishment cross-sectional weight for P5
eDE917v	main survey cross-sectional weight for M5
eDE919v	combined Wave 5 cross-sectional weight
eDE921v	longitudinal weight for M1-M2-M3-M4-M5 continuers
eDE923v	longitudinal weight for M2/P2-M3-M4-M5 continuers
eDE925v	longitudinal weight for M3/P3-M4-M5 continuers
eDE927v	longitudinal weight for M4/P4-M5 continuers
eFR309v	smoking status
eDE212v	income categories
eFR245v	CPD (cigs per day) – continuous
eFR250v	CPD (cigs per day) – categories
eSB012v	total min to first cig (continuous)
eSB013v	total min to first cig after waking (cat)
eFR260v	Heaviness of Smoking Index (HSI)
eFR333v	use of RYO vs factory made (categ)
eBQ150v	Intention to quit
eQA231v	days since end of most recent quit attempt (derived)
eQA442v	when did you quit – composite, #days
eQA514v	number of days smoke-free covering LSD (derived)
eQA662v	since end of quit in 6M – composite, # days
eQA236v	Time smokefree on most recent QA
eQA553v	number of days smokefree
eBR505v	current brand smoked how long
eQA111v	longest time off smoking (derived)
eSB226v	overall frequency of butting out before finishing
ePU555v	Price per unit of tobacco purchase
eSO401v	purchase locations (counter)

Table 61: Derived Variables for wave 5 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
eST302v	# non-cig tob prods used in 1M (counter)
eST507v	# less harmful cigs named (counter)
eST552v	# less harmful cigs ever tried (counter)
eST602v	# less-harmful cigs tried since LSD (counter)
eST652v	# less harmful cigs still using (counter)
eCH811v	received advice from doctor to quit, overall
eCH813v	referral from doctor to quit, overall
eCH815v	quitting Rx from doctor, overall
eCH817v	quitting pamphlet from doctor, overall
eCH821v	support from doctor for having quit, overall
eCH823v	referral from doctor to help stay quit, overall
eCH827v	pamphlet from doctor on how to stay quit, overall
eDE312v	highest level of education (all countries)

Table 62: Derived Variables for wave 5 of the ITC 4 Country (4C) Survey. (b)

eDE911v - recruitment cross-sectional weight for P5

eDE915v - replenishment cross-sectional weight for P5

eDE917v - main survey cross-sectional weight for M5

eDE919v - combined Wave 5 cross-sectional weight

eDE921v - longitudinal weight for M1-M2-M3-M4-M5 continuers

eDE923v - longitudinal weight for M2/P2-M3-M4-M5 continuers

eDE925v - longitudinal weight for M3/P3-M4-M5 continuers

eDE927v - longitudinal weight for M4/P4-M5 continuers

eFR309v - smoking status in current wave:

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

1 Daily Smoker (if QA711 OR FR306 OR FR307=1)

2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)

3 Monthly Smoker (if QA711 OR FR306=3-4 OR FR307=3)

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if QA442v<=30)

5 Quit 1-6 months ago (if QA442v>30 and<=180)

6 Quit more than 6 months ago (if QA442v>180)

7 Not applicable

8 Refused

9 Don't know

eDE212v - income categories

1 Low

2 Moderate

3 High

9 No answer

eFR245v - CPD (cigarettes per day)

Continuous

eFR250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

4.2 4 Country 4C1

- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 DK

eSB012v - total min to first cigarette

Continuous

eSB013v - total min to first cigarette after waking (categorical)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

eFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

eFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

eBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused

9 DK

eQA231v - days since end of most recent quit attempt (derived)

Continuous

eQA442v - when did you quit – composite, number of days

Continuous

eQA514v - number of days smoke-free covering LSD (derived)

Continuous

eQA662v - since end of quit in 6 month – composite, number of days

Continuous

eQA236v - Time smokefree on most recent quit attempt

Continuous

eQA553v - number of days smokefree

Continuous

eBR505v - current brand smoked how long

1 current brand smoked less than one year

2 current brand smoked one year or more

7 NA

8 Refused

9 DK

eQA111v - longest time off smoking (derived)

Continuous

eSB226v - overall frequency of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

ePU555v - Price per unit of tobacco purchase

Continuous

eSO401v - purchase locations (counter)

Continuous

eST302v - number of non-cigarette tobacco prods used in 1 month (counter)

Continuous

eST507v - number of less harmful cigarettes named (counter)

Continuous

eST552v - number of less harmful cigarettes ever tried (counter)

Continuous

eST602v - number of less-harmful cigarettes tried since LSD (counter)

Continuous

eST652v - number of less harmful cigarettes still using (counter)

Continuous

eCH811v - received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

eCH813v - referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

eCH815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

4.2 4 Country 4C1

eCH817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

eCH821v - support from doctor for having quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

eCH823v - referral from doctor to help stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

eCH827v - pamphlet from doctor on how to stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

eDE312v - highest level of education (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

4.2.5 4 Country 4C6

The ITC 4 Country 4C6 study was conducted from September 21, 2007 to February 12, 2008. For more information see the technical report which can be found [here](#).

Variable Name	Label
fDE915v	replenishment cross-sectional weight for P6,
fDE917v	main survey cross-sectional weight for M6,
fDE919v	combined, rescaled Wave 6 cross-sectional weight,
fDE925v	longitudinal weight for M3/P3-M4-M5-M6 continuers,
fDE927v	longitudinal weight for M4/P4-M5-M6 continuers,
fDE929v	longitudinal weight for M5/P5-M6 continuers,
fDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6 continuers,
fDE957v	rescaled longitudinal weight for M4/P4-M5-M6 continuers,
fDE959v	rescaled longitudinal weight for M5/P5-M6 continuers
fDE212v	income categories (all countries)
fET601v	work outside the home (all respondents)
fFR309V	smoking status
fFR245v	CPD (cigs per day) – continuous
fFR250v	CPD (cigs per day) – categories
fSB012v	min to first cig (continuous)
fSB013v	min to first cig after waking (category)
fFR260v	HSI: heaviness of smoking index
fFR333v	use of RYO vs factory made
fBQ150v	intention to quit
fQA111v	longest time off smoking (days)
fQA231v	days since end of most recent quit attempt
fQA442v	when did you quit (days)
fQA514v	# days smokefree, spanning LSD
fQA662v	time since end of quit in 6M (days)
fQA236v	time smokefree on most recent QA
fQA553v	longest time smoke-free since LSD (days)
fSB226v	overall freq of butting out before finishing

Table 63: Derived Variables for wave 6 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
fWL313v	used any strategy to avoid warning labels
fAD240v	noticed any advertising
fAD759v	noticed any anti-smoking info
fPU201v	reported price for cigarettes is for...
fPU555v	price per unit of tobacco purchase
fSO401v	purchase locations (counter)
fST302v	no. of smoked tob noncig in LM (counter)
fST507v	# less harmful cigs named (counter)
fST552v	# less harmful cigs ever tried (counter)
fST602v	# less harmful cigs tried since LSD (counter)
fSM112v	ever heard of/used stop smoking medications
fSM331v	current length of NRT use (days)
fSM550v	length of non-quit NRT use in days
fCH811v	received advice from doctor to quit, overall
fCH813v	referral from doctor to quit, overall
fCH815v	quitting Rx from doctor, overall
fCH817v	quitting pamphlet from doctor, overall
fCH821v	support for having quit, overall
fCH823v	referral to help stay quit, overall
fCH827v	pamphlet on staying quit, overall
fDE861v	age of oldest child in home
fDE312v	education categories (all countries)

Table 64: Derived Variables for wave 6 of the ITC 4 Country (4C) Survey. (b)

fDE915v - replenishment cross-sectional weight for P6,

fDE917v - main survey cross-sectional weight for M6,

fDE919v - combined, rescaled Wave 6 cross-sectional weight,

fDE925v - longitudinal weight for M3/P3-M4-M5-M6 continuers,

fDE927v - longitudinal weight for M4/P4-M5-M6 continuers,

fDE929v - longitudinal weight for M5/P5-M6 continuers,

fDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6 continuers,

fDE957v - rescaled longitudinal weight for M4/P4-M5-M6 continuers,

fDE959v - rescaled longitudinal weight for M5/P5-M6 continuers

fDE212v - income categories (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

fET601v - work outside the home (all respondents)

- 1 Yes
- 2 No
- 7 N/A
- 8 Refused
- 9 not stated

fFR309V - smoking status in current wave:

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily Smoker (if QA711 OR FR306 OR FR307=1)
- 2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)
- 3 Monthly Smoker (if QA711 OR FR306=3-4 OR FR307=3)
If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:
- 4 Quit in the last month (if QA442v<=30)
- 5 Quit 1-6 months ago (if QA442v>30 and<=180)
- 6 Quit more than 6 months ago (if QA442v>180 and <=365)
- 7 Quit at LSD and quit ever since
- 8 Refused

4.2 4 Country 4C1

9 Don't know

fFR245v - CPD (cigarettes per day)

Continuous

fFR250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

8 Refused

9 DK

fSB012v - min to first cigarette

Continuous

fSB013v - min to first cigarette after waking (category)

0 > 60 min

1 31-60 min

2 6-30 min

3 < 5 min

7 NA

8 Refused

9 DK

fFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

fFR333v - use of Roll Your Own (RYO) vs factory made

1 only FM cigarettes

2 mainly FM

3 FM and RYO similar

4 mainly RYO

5 only RYO

7 NA

4.2 4 Country 4C1

8 Refused

9 DK

fBQ150v - intention to quit

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

fQA111v - longest time off smoking (days)

Continuous

fQA231v - days since end of most recent quit attempt

Continuous

fQA442v - when did you quit (days)

Continuous

fQA514v - number of days smokefree, spanning LSD

Continuous

fQA662v - time since end of quit in 6 months (days)

Continuous

fQA236v - time smokefree on most recent quit attempt

Continuous

fQA553v - longest time smoke-free since LSD (days)

Continuous

fSB226v - overall frequency of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

4.2 4 Country 4C1

4 ARCHIVED PROJECTS

fWL313v - used any strategy to avoid warning labels

- 0 no
- 1 yes
- 9 does not smoke

fAD240v - noticed any advertising

- 0 no
- 1 yes

fAD759v - noticed any anti-smoking info

- 0 no
- 1 yes

fPU201v - reported price for cigarettes is for...

- 1 carton
- 2 pack
- 3 loose
- 4 ryo tobacco
- 5 respondent has quit
- 9 price not reported

fPU555v - price per unit of tobacco purchase

Continuous

fSO401v - purchase locations (counter)

Continuous

fST302v - no. of smoked tobacco noncigarettes in last month (counter)

Continuous

fST507v - number of less harmful cigarettes named (counter)

Continuous

fST552v - number of less harmful cigarettes ever tried (counter)

Continuous

fST602v - number of less harmful cigarettes tried since LSD (counter)

Continuous

fSM112v - ever heard of/used stop smoking medications

4.2 4 Country 4C1

- 0 never heard of/never used
- 1 used in the past, sometime before LSD
- 2 used since LSD
- 3 currently use
- 7 NA
- 8 Refused
- 9 DK

fSM331v - current length of NRT use (days)

Continuous

fSM550v - length of non-quit NRT use in days

Continuous

fCH811v - received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

fCH813v - referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

fCH815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

fCH817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No

4.2 4 Country 4C1

- 7 Not applicable
- 8 Refused
- 9 Don't know

fCH821v - support for having quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

fCH823v - referral to help stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

fCH827v - pamphlet on staying quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

fDE861v - age of oldest child in home

- 0 no children in home
- 1 infant
- 2 pre-primary
- 3 pre-teen
- 4 teen
- 7 NA
- 8 Refused
- 9 DK

fDE312v - education categories (all countries)

- 1 Low
- 2 Moderate

4.2 4 Country 4C1

3 High

7 NA

8 Refused

9 DK

4.2.6 4 Country 4C7

The ITC 4 Country 4C7 study was conducted from October 25, 2008 to July 28, 2009. For more information see the technical report which can be found [here](#).

Variable Name	Label
gFR309v	smoking status
gFR245v	CPD (cigs per day) – continuous
gFR250v	CPD (cigs per day) – categories
gSB012v	min to first cig (continuous)
gSB013v	min to first cig after waking (category)
gFR260v	HSI: heaviness of smoking index
gFR333v	use of RYO vs factory made
gBQ150v	intention to quit smoking
gQA111v	longest time off smoking (days)
gQA231v	days since end of most recent quit attempt
gQA241v	longest time smoke-free (in days) for quit attempts ending in last 6 months
gQA514v	# days smokefree, spanning LSD
gQA442v	when did you quit (days)
gQA662v	time since end of quit in 6M (days)
gQA236v	time smokefree on most recent QA
gQA553v	longest time smoke-free since LSD (days)
gSB226v	overall freq of butting out before finishing
gWL313v	used any strategy to avoid warning labels
gAD759v	noticed any anti-smoking info
gAD240v	noticed any advertising
gPU201v	reported price for cigarettes is for...
gPU555v	price per unit of tobacco purchase
gSO401v	purchase locations (counter)
gST302v	no. of smoked tob noncig in LM (counter)
gST507v	# less harmful cigs named (counter)
gST552v	# less harmful cigs ever tried (counter)
gST602v	# less harmful cigs tried since LSD (counter)
gST507v	# less harmful cigs named (counter)
gST552v	# less harmful cigs ever tried (counter)
gST602v	# less harmful cigs tried since LSD (counter)

Table 65: Derived Variables for wave 7 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
gSM112v	ever heard of/used stop smoking medications
gSM331v	current length of NRT use (days)
gSM454v	# cigs per day before quit completely (derived)
gSM550v	length of non-quit NRT use in days
gCH811v	received advice from doctor to quit, overall
gCH813v	referral from doctor to quit, overall
gCH815v	quitting Rx from doctor, overall
gCH817v	quitting pamphlet from doctor, overall
gCH821v	support for having quit, overall
gCH823v	referral to help stay quit, overall
gCH827v	pamphlet on staying quit, overall
gET601v	work outside the home (all respondents)
gDE212v	income categories (all countries)
gDE312v	education categories (all countries)
gDE861v	age of oldest child in home
gDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6-M7 continuers
gDE957v	rescaled longitudinal weight for M4/P4-M5-M6-M7 continuers
gDE959v	rescaled longitudinal weight for M5/P5-M6-M7 continuers
gDE961v	rescaled longitudinal weight for M6/P6-M7 continuers
gDE911v	recruitment cross-sectional weight for P7
gDE915v	replenishment cross-sectional weight for P7
gDE917v	main survey cross-sectional weight for M7
gDE919v	combined, rescaled Wave 7 cross-sectional weight

Table 66: Derived Variables for wave 7 of the ITC 4 Country (4C) Survey. (b)

gFR309v - smoking status in current wave

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily Smoker (if QA711 OR FR306 OR FR307=1)
- 2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)
- 3 Monthly Smoker (if QA711 OR FR306=3-4 OR FR307=3)
If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:
- 4 Quit in the last month (if QA442v<=30)
- 5 Quit 1-6 months ago (if QA442v>30 and<=180)
- 6 Quit more than 6 months ago (if QA442v>180 and <=365)
- 7 Quit at LSD and quit ever since
- 8 Refused
- 9 Don't know

gFR245v - CPD (cigarettes per day)

Continuous

gFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 Don't know

gSB012v - min to first cigarette

Continuous

gSB013v - min to first cigarette after waking (category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

4.2 4 Country 4C1

gFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

gFR333v - use of Roll Your Own (RYO) vs factory made

1 only FM cigarettes

2 mainly FM

3 FM and RYO similar

4 mainly RYO

5 only RYO

7 NA

8 Refused

9 DK

gBQ150v - intention to quit smoking

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

gQA111v - longest time off smoking (days)

Continuous

gQA231v - days since end of most recent quit attempt

Continuous

gQA241v - longest time smoke-free (in days) for quit attempts ending in last 6 months

Continuous

gQA514v - number of days smokefree, spanning LSD

Continuous

gQA442v - when did you quit (days)

Continuous

gQA662v - time since end of quit in 6 month (days)

Continuous

4.2 4 Country 4C1

gQA236v - time smokefree on most recent quit attempt

Continuous

gQA553v - longest time smoke-free since LSD (days)

Continuous

gSB226v - overall frequency of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

gWL313v - used any strategy to avoid warning labels

0 no

1 yes

9 does not smoke

gAD759v - noticed any anti-smoking info

0 no

1 yes

gAD240v - noticed any advertising

0 no

1 yes

gPU201v - reported price for cigarettes is for...

1 carton

2 pack

3 loose

4 ryo tobacco

5 respondent has quit

9 price not reported

gPU555v - price per unit of tobacco purchase

Continuous

4.2 4 Country 4C1

gSO401v - purchase locations (counter)

Continuous

gST302v - no. of smoked tobacco noncigarette in last month (counter)

Continuous

gST507v - number of less harmful cigarettes named (counter)

Continuous

gST552v - number of less harmful cigarettes ever tried (counter)

Continuous

gST602v - number of less harmful cigarettes tried since LSD (counter)

Continuous

gST507v - number of less harmful cigarettes named (counter)

Continuous

gST552v - number of less harmful cigarettes ever tried (counter)

Continuous

gST602v - number of less harmful cigarettes tried since LSD (counter)

Continuous

gSM112v - ever heard of/used stop smoking medications

0 never heard of/never used

1 used in the past, sometime before LSD

2 used since LSD

3 currently use

7 NA

8 Refused

9 DK

gSM331v - current length of NRT use (days)

Continuous

gSM454v - number of cigarettes per day before quit completely (derived)

Continuous

gSM550v - length of non-quit NRT use in days

Continuous

gCH811v - received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gCH813v - referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gCH815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gCH817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gCH821v - support for having quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gCH823v - referral to help stay quit, overall

4.2 4 Country 4C1

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gCH827v - pamphlet on staying quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

gET601v - work outside the home (all respondents)

- 1 Yes
- 2 No
- 7 N/A
- 8 Refused
- 9 not stated

gDE212v - income categories (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

gDE312v - education categories (all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

gDE861v - age of oldest child in home

- 0 no children in home
- 1 infant
- 2 pre-primary

4.2 4 Country 4C1

3 pre-teen

4 teen

7 NA

8 Refused

9 DK

gDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6-M7 continuers

gDE957v - rescaled longitudinal weight for M4/P4-M5-M6-M7 continuers

gDE959v - rescaled longitudinal weight for M5/P5-M6-M7 continuers

gDE961v - rescaled longitudinal weight for M6/P6-M7 continuers

gDE911v - recruitment cross-sectional weight for P7

gDE915v - replenishment cross-sectional weight for P7

gDE917v - main survey cross-sectional weight for M7

gDE919v - combined, rescaled Wave 7 cross-sectional weight

4.2.7 4 Country 4C7.5

The ITC 4 Country 4C7.5 study was conducted from November 2, 2009 to January 10, 2010. For more information see the technical report which can be found [here](#).

Variable Name	Label
ggQA442v	when did you quit (days)
ggQA662v	time since end of quit in 6M (days)
ggQA236v	time smokefree on most recent QA
ggQA553v	longest time smoke-free since LSD(days)
ggFR309V	smoking status
ggFR245V	DERIVED VARIABE - cigs per day continuous
ggFR250V	DERIVED VARIABLE - cigs per day from FR245v
ggPU555v	price per unit of tobacco purchase
ggST302v	no. of smoked tob noncing in LM (counter)
ggFR333v	use of RYO vs factory made
ggCH811v	received advice from doctor to quit,overall
ggCH813v	referral from doctor to quit,overall
ggCH815v	quitting Rx from doctor, overall
ggCH817v	quitting pamphlet from doctor, overall
ggCH821v	support for having quit,overall
ggCH823v	referral to help stay quit, overall
ggCH825v	prescription for stop smokign meds,overall
ggCH827v	pamphlet on staying quit,overall
ggDE312v	education categories(all countries)
ggSB012v	min to first cig (continuous)
ggSB013v	min. to first cig after waking (category)
ggFR260v	HSI : heaviness of smoking index
ggBQ150v	intention to quit smoking
ggWL313v	used any strategy to avoid warning labels
ggAD759v	noticed any anti-smoking info
ggAD240v	noticed any advertising
ggPU201v	reported priced for cigarettes is for
ggSO401v	purchase locations(counter)

Table 67: Derived Variables for wave 7.5 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
ggSM112v	ever heard of/used stop smoking medications
ggSM331v	current length of NRT use (days)
ggSM454v	# cigs per day before quit completely (derived)
ggSM550v	length of non-quit NRT use in days
ggDE212v	income categories(all countries)
ggDE861v	age of oldest child in home
ggDI249v	When spouse/partner quit(length in days)
ggDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M7.5 continuers,
ggDE957v	rescaled longitudinal weight for M4/P4-M5-M6-M7-M7.5 continuers,
ggDE959v	rescaled longitudinal weight for M5/P5-M6-M7-M7.5 continuers
ggDE961v	rescaled longitudinal weight for M6/P6-M7-M7.5 continuers
ggDE963v	rescaled longitudinal weight for M7/P7-M7.5 continuers
ggDE917v	main survey cross-sectional weight for M7.5
ggDE919v	combined, rescaled Wave 7.5 cross-sectional weight

Table 68: Derived Variables for wave 7.5 of the ITC 4 Country (4C) Survey. (b)

ggQA442v - when did you quit (days)

Continuous

ggQA662v - time since end of quit in 6 months (days)

Continuous

ggQA236v - time smokefree on most recent quit attempt

Continuous

ggQA553v - longest time smoke-free since LSD(days)

Continuous

ggFR309V - smoking status in current wave

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily Smoker (if QA711 OR FR306 OR FR307=1)
- 2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)
- 3 Monthly Smoker (if QA711 OR FR306=3-4 OR FR307=3)
If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:
- 4 Quit in the last month (if QA442v<=30)
- 5 Quit 1-6 months ago (if QA442v>30 and<=180)
- 6 Quit more than 6 months ago (if QA442v>180 and <=365)
- 7 Quit at LSD and quit ever since
- 8 Refused
- 9 Don't know

ggFR245V - DERIVED VARIABLE - cigarettes per day continuous

Continuous

ggFR250V - DERIVED VARIABLE - cigarettes per day from FR245v

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 don't know

ggPU555v - price per unit of tobacco purchase

Continuous

ggST302v - no. of smoked tobacco noncigarettes in last month (counter)

Continuous

ggFR333v - use of Roll Your Own (RYO) vs factory made

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

ggCH811v - received advice from doctor to quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH813v - referral from doctor to quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH817v - quitting pamphlet from doctor, overall

- 1 Yes

4.2 4 Country 4C1

- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH821v - support for having quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH823v - referral to help stay quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH825v - prescription for stop smoking medications,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggCH827v - pamphlet on staying quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

ggDE312v - education categories(all countries)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA

4.2 4 Country 4C1

8 Refused

9 DK

ggSB012v - min to first cigarette (continuous)

Continuous

ggSB013v - min. to first cigarette after waking (category)

0 > 60 min

1 31-60 min

2 6-30 min

3 < 5 min

7 NA

8 Refused

9 DK

ggFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

ggBQ150v - intention to quit smoking

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

ggWL313v - used any strategy to avoid warning labels

0 no

1 yes

9 does not smoke

ggAD759v - noticed any anti-smoking info

0 no

1 yes

ggAD240v - noticed any advertising

0 no

1 yes

ggPU201v - reported priced for cigarettes is for

- 1 carton
- 2 pack
- 3 loose
- 4 ryo tobacco
- 5 respondent has quit
- 9 price not reported

ggSO401v - purchase locations(counter)

Continuous

ggSM112v - ever heard of/used stop smoking medications

- 0 never heard of/never used
- 1 used in the past, sometime before LSD
- 2 used since LSD
- 3 currently use
- 7 NA
- 8 Refused
- 9 DK

ggSM331v - current length of NRT use (days)

Continuous

ggSM454v - number of cigarettes per day before quit completely (derived)

Continuous

ggSM550v - length of non-quit NRT use in days

Continuous

ggDE212v - income categories(all countries)

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

ggDE861v - age of oldest child in home

- 0 no children in home
- 1 infant

4.2 4 Country 4C1

- 2 pre-primary
- 3 pre-teen
- 4 teen
- 7 NA
- 8 Refused
- 9 DK

ggDI249v - When spouse/partner quit(length in days)

Continuous

ggDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M7.5 continuers,

ggDE957v - rescaled longitudinal weight for M4/P4-M5-M6-M7-M7.5 continuers,

ggDE959v - rescaled longitudinal weight for M5/P5-M6-M7-M7.5 continuers

ggDE961v - rescaled longitudinal weight for M6/P6-M7-M7.5 continuers

ggDE963v - rescaled longitudinal weight for M7/P7-M7.5 continuers

ggDE917v - main survey cross-sectional weight for M7.5

ggDE919v - combined, rescaled Wave 7.5 cross-sectional weight

4.2.8 4 Country 4C8

The ITC 4 Country 4C8 study was conducted from July 13, 2010 to June 24, 2011. For more information see the technical report which can be found [here](#).

Variable Name	Label
hFR309v	smoking status
hQA514v	# days smokefree, spanning LSD (derived)
hQA442v	when did you quit – composite, #days
hQA662v	since end of quit in 6M – composite, # days
hQA236v	Time smokefree on most recent QA
hQA553v	longest time smoke-free since LSD – composite in days
hQA444v	[when started smoking;monthly – comp., #days]
hFR245v	CPD (cigs per day) – continuous
hFR250v	CPD (cigs per day) – categories
hFR260v	HSI : heaviness of smoking index
hFR333v	use of RYO vs factory made (categ)
hBR309v	regular brand FM or RYO
hSB012v	min to first cig (continuous)
hSB013v	min to first cig after waking (category)
hSB226v	overall freq of butting out before finishing
hPU555v	Price per unit of tobacco purchase
hSM111v	used any quitting meds
hSM161v	SSM used to quit
hST302v	no. of smoked tob noncig in LM
hAD240v	noticed any advertising
hAD759v	noticed any anti-smoking info
hBQ150v	intention to quit smoking
hCH811v	received advice from doctor to quit,overall
hCH821v	support for having quit,overall
hCH813v	referral from doctor to quit,overall
hCH815v	quitting Rx from doctor, overall
hCH817v	quitting pamphlet from doctor, overall
hDE861v	age of oldest child in home
hDI249v	When spouse/partner quit(length in days)
hET601v	work outside the home(all respondents)

Table 69: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
hPU201v	reported priced for cigarettes is for
hSM112v	ever heard of/used stop smoking medications
hSM331v	current length of NRT use (days)
hSM550v	length of non-quit NRT use in days
hSO401v	purchase locations(counter)
hWL313v	used any strategy to avoid warning labels
hDE212v	income categories(all countries)
hDE312v	education categories(all countries)
hDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8 continuers
hDE957v	rescaled longitudinal weight for M4/P4-M5-M6-M7-M8 continuers
hDE959v	rescaled longitudinal weight for M5/P5-M6-M7-M8 continuers
hDE961v	rescaled longitudinal weight for M6/P6-M7-M8 continuers
hDE963v	rescaled longitudinal weight for M7/P7-M8 continuers
hDE917v	main survey cross-sectional weight for M8
hDE965v	rescaled longitudinal weight for M7/P7-M75-M8 continuers
hDE919v	combined, rescaled Wave8 cross-sectional weight
hQA241v	longest time smoke-free(in days)for quit attempts ending in last 6 months
hQA111v	longest time off smoking(days)
hQA231v	QA231V - days
hDE911v	recruitment cross-sectional weight for R8
hDE915v	replenishment cross-sectional weight for P8

Table 70: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (b)

Variable Name	Label
hQA331gh	any attempts to stop smoking- derived (Wave 7 to Wave 8)
hQA561gh	number of new quit attempts after LSD(Wave 7)-derived
hQA442vgh	number of days since start of most recent quit attempt – composite, # days(Wave 7 to Wave 8)
hQA553vgh	longest time smoke-free since LSD – composite in days (Wave 7 to Wave8)
hCH801gh	visited doctor since LSD (Wave 7)-derived
hCH811gh	advice from doctor to quit-derived
hCH811vgh	received advice from doctor to quit,overall-derived (Wave 7 to Wave 8)
hCH812gh	advice made you think about quitting-derived
hCH821gh	support from doctor for having quit-derived
hCH821vgh	support for having quit,overall-derived (Wave 7 to Wave 8)
hCH813gh	referral from doctor-derived
hCH813vgh	referral from doctor to quit,overall-derived (Wave 7 to Wave 8)
hCH815gh	quitting Rx from doctor (smokers)-derived
hCH815vgh	quitting Rx from doctor, overall-derived (Wave 7 to Wave 8)
hCH817gh	pamphlet from doctor-derived
hCH817vgh	quitting pamphlet from doctor, overall-derived (Wave 7 to Wave 8)
hCH861gh	received quitting info from quit line-derived
hCH865gh	received quitting info from internet-derived
hCH869gh	received quitting info from clinic-derived
hSM111gh	used any quitting meds-derived (Wave 7 to Wave 8)
hSM161gh	SSM used to quit-derived
hSM161vgh	SSM used to quit-derived
hSM160gh	SSM used to stay quit-derived
hSM162gh	SSM used to reduce amount-derived
hSM163gh	SSM used to cope with non-smoke situations-derived
hSM164gh	SSM used for other reason-derived
hSM164ogh	SSM used for what other reason-derived

Table 71: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (c)

Variable Name	Label
hSM201gh	used gum for last QA-derived
hSM202gh	used patch for last QA-derived
hSM203gh	used lozenges for last QA-derived
hSM204gh	used tablets for last QA-derived
hSM210gh	used other NRT for last QA-derived
hSM211gh	used Zyban/ Bupropion/ Wellb for last QA-derived
hSM212gh	used Chantix/ Varenicline for last QA-derived
hSM215gh	used other Rx med for last QA-derived
hSM220gh	used other SSM (gen) for last QA-derived
hSM220ogh	used what other med for last QA
hSM210ogh	used what other NRT for last QA-derived
hSM215ogh	used what other Rx for last QA-derived
hSM260gh	got last Rx SSM by prescription-derived
hSM262gh	got last Rx SSM from a friend-derived
hSM263gh	got last Rx SSM free from a doctor-derived
hSM259gh	last Rx SSM left over from earlier QA-derived
hSM265gh	paid full price for last Rx SSM-derived
hSM266gh	got last Rx SSM at a discount-derived
hSM267gh	got last Rx SSM free-derived
hSM268gh	got last Rx SSM partially covered-derived
hSM269gh	still using Rx SSM-derived
hSM270vgh	used, using Rx SSM in (# days)-derived
hSM310gh	got last NRT by prescription-derived
hSM311gh	got last NRT over the counter-derived
hSM314gh	got last NRT at non-pharmacy store-derived
hSM312gh	got last NRT from a friend-derived
hSM313gh	got last NRT free, from a doctor-derived
hSM319gh	last NRT left over from earlier QA-derived
hSM315gh	paid full price for last NRT-derived
hSM316gh	got last NRT at a discount-derived
hSM317gh	got last NRT free-derived
hSM318gh	got last NRT partially covered-derived
hSM329gh	still using last NRT-derived
hSM330vgh	used, using last NRT in (#days)-derived

Table 72: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (d)

Variable Name	Label
hSM345gh	smoked while using last NRT-derived
hSM458gh	used to-quit NRT daily or less often-derived
hSM459gh	# to-quit NRT pieces per day-derived
hSM380gh	same SSMs to stay quit as to quit-derived
hSM401gh	used gum to stay quit-derived
hSM402gh	used patch to stay quit-derived
hSM403gh	used lozenges to stay quit-derived
hSM404gh	used tablets to stay quit-derived
hSM410gh	used other NRT to stay quit-derived
hSM411gh	used other Rx to stay quit-derived
hSM412gh	used other unknown/ generic SSM to stay quit-derived
hSM410ogh	which other NRT used to stay quit-derived
hSM411ogh	which other Rx used to stay quit-derived
hSM412ogh	which other SM used to stay quit-derived
hSM420gh	got stay-quit NRT by prescription-derived
hSM421gh	got stay-quit NRT over the counter-derived
hSM424gh	got stay-quit NRT at non-pharmacy store-derived
hSM422gh	got stay-quit NRT from a friend-derived
hSM423gh	got stay-quit NRT free, from a doctor-derived
hSM429gh	stay-quit NRT left over from QA-derived
hSM435gh	paid full price for stay-quit NRT-derived
hSM436gh	got stay-quit NRT at a discount-derived
hSM437gh	got stay-quit NRT free-derived
hSM438gh	got stay-quit NRT partly covered-derived
hSM462gh	used stay-quit NRT daily or less often-derived
hSM464gh	# stay-quit NRT pieces per day-derived
hSM119gh	since LSD, used other SSMs to quit-derived
hSM121gh	since LSD, used gum-derived
hSM122gh	since LSD, used patch-derived
hSM123gh	since LSD, used lozenges-derived
hSM124gh	since LSD, used tablets-derived
hSM130gh	since LSD, used other NRT-derived
hSM135gh	since LSD, used other Rx med-derived
hSM140gh	since LSD, used other SSM (gen)-derived

Table 73: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (e)

Variable Name	Label
hSM140ogh	since LSD, which other Rx med used-derived
hSM135ogh	since LSD, which other Rx med used-derived
hSM130ogh	since LSD, which other NRT used-derived
hSM498gh	used SSMs to cut down separately from to-quit-derived
hSM499gh	used SSMs for non-quit separately from to-quit-derived
hSM500gh	cut down or cope, which use most recent-derived
hSM501gh	used gum for non-quit-derived
hSM502gh	used patch for non-quit-derived
hSM503gh	used lozenges for non-quit-derived
hSM504gh	used tablets for non-quit-derived
hSM510gh	used other NRT for non-quit-derived
hSM511gh	used prescription med for non-quit-derived
hSM512gh	used other med for non-quit-derived
hSM510ogh	which other NRT for non-quit-derived
hSM511ogh	which prescription med for non-quit-derived
hSM512ogh	used which other med for non-quit-derived
hSM520gh	got non-quit NRT by prescription-derived
hSM521gh	got non-quit NRT over the counter-derived
hSM524gh	got non-quit NRT at non-pharmacy store-derived
hSM522gh	got non-quit NRT from a friend-derived
hSM523gh	got non-quit NRT free, from a doctor-derived
hSM529gh	non-quit NRT leftover from QA-derived
hSM535gh	paid full price for non-quit NRT-derived
hSM536gh	got non-quit NRT at a discount-derived
hSM537gh	got non-quit NRT free-derived
hSM538gh	got non-quit NRT partly covered-derived
hSM544gh	used NRT to cut down after failed QA-derived
hSM550vgh	used, using non-quit NRT in (# days)-derived
hSM552gh	used non-quit NRT daily or less often-derived
hSM554gh	# non-quit NRT pieces per day-derived

Table 74: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (f)

Variable Name	Label
hSM350gh	consider yourself addicted to NRT-derived
hSM351gh	enjoy NRT or only find useful-derived
hSM352gh	which non-quit NRT preferred-derived
hSM361gh	meds make quitting easier-derived
hSM362gh	can quit without meds-derived
hSM363gh	meds too expensive-derived
hSM364gh	dont know how to use meds-derived
hSM365gh	meds too hard to get-derived
hSM366gh	meds might harm health-derived
hSM370gh	meds less harmful than reg cig-derived
hSM373gh	meds how much less harmful-derived
hSM375gh	meds more harmful or same as reg cig-derived

Table 75: Derived Variables for wave 8 of the ITC 4 Country (4C) Survey. (g)

hFR309v - smoking status in current wave

If FR301=1 then FR309v = [hFR309v/ gFR309v].

Otherwise:

1 Daily Smoker (if QA711 OR FR306 OR FR307=1)

2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)

3 Monthly Smoker (if QA711=3 OR FR306=3-4 OR FR307=3)

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if [QA444v (FR306=5)/ QA442v (otherwise)] <=30.44)

5 Quit 1-6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] >30.44 and <=182.64)

6 Quit more than 6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] >182.64 and <=365.28)

7 Quit >12 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] >365.28)

8 recruited recent quitter

9 recruited non-smoker

hQA514v - number of days smokefree, spanning LSD (derived)

Continuous

hQA442v - when did you quit – composite, number of days

Continuous

hQA662v - since end of quit in 6 months – composite, number of days

Continuous

hQA236v - Time smokefree on most recent quit attempt

Continuous

hQA553v - longest time smoke-free since LSD – composite in days

Continuous

hQA444v - [when started smoking;monthly – comp., number of days]

Continuous

hFR245v - CPD (cigarettes per day)

Continuous

hFR250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

4.2 4 Country 4C1

- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 8 Refused
- 9 don't know

hFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

hFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

hBR309v - regular brand FM or RYO

- 1 Factory-made/packet cigarettes
- 2 Roll-your-own cigarettes
- 3 Other

hSB012v - minutes to first cigarette

Continuous

hSB013v - minutes to first cigarette after waking (category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

4.2 4 Country 4C1

hSB226v - overall frequency of butting out before finishing

- 0 never
- 1 once
- 2 a few times
- 3 lots of times
- 7 NA
- 8 Refused
- 9 DK

hPU555v - Price per unit of tobacco purchase

Continuous

hSM111v - used any quitting medications

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 can't say

hSM161v - SSM used to quit

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 can't say

hST302v - no. of smoked tobacco noncigarette in last month

Continuous

hAD240v - noticed any advertising

- 0 no
- 1 yes

hAD759v - noticed any anti-smoking info

- 0 no
- 1 yes

hBQ150v - intention to quit smoking

4.2 4 Country 4C1

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

hCH811v - received advice from doctor to quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH821v - support for having quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH813v - referral from doctor to quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

hDE861v - age of oldest child in home

- 0 no children in home
- 1 infant
- 2 pre-primary
- 3 pre-teen
- 4 teen
- 7 NA
- 8 Refused
- 9 DK

hDI249v - When spouse/partner quit(length in days)

Continuous

hET601v - work outside the home(all respondents)

- 1 Yes
- 2 No
- 7 N/A
- 8 Refused
- 9 not stated

hPU201v - reported priced for cigarettes is for

- 1 carton
- 2 pack
- 3 loose
- 4 ryo tobacco
- 5 respondent has quit
- 9 price not reported

hSM112v - ever heard of/used stop smoking medications

- 0 never heard of/never used
- 1 used in the past, sometime before LSD
- 2 used since LSD
- 3 currently use
- 7 NA
- 8 Refused

9 DK

hSM331v - current length of NRT use (days)

Continuous

hSM550v - length of non-quit NRT use in days

Continuous

hSO401v - purchase locations(counter)

Continuous

hWL313v - used any strategy to avoid warning labels

0 no

1 yes

9 does not smoke

hDE212v - income categories(all countries)

1 Low

2 Moderate

3 High

9 No answer

hDE312v - education categories(all countries)

1 Low

2 Moderate

3 High

7 NA

8 Refused

9 DK

hDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8 continuers

hDE957v - rescaled longitudinal weight for M4/P4-M5-M6-M7-M8 continuers

hDE959v - rescaled longitudinal weight for M5/P5-M6-M7-M8 continuers

hDE961v - rescaled longitudinal weight for M6/P6-M7-M8 continuers

hDE963v - rescaled longitudinal weight for M7/P7-M8 continuers

hDE917v - main survey cross-sectional weight for M8

hDE965v - rescaled longitudinal weight for M7/P7-M75-M8 continuers

hDE919v - combined, rescaled Wave8 cross-sectional weight

hQA241v - longest time smoke-free(in days)for quit attempts ending in last 6 months

Continuous

hQA111v - longest time off smoking(days)

Continuous

hQA231v - QA231V - days

Continuous

hDE911v - recruitment cross-sectional weight for R8

hDE915v - replenishment cross-sectional weight for P8

hQA331gh - any attempts to stop smoking- derived (Wave 7 to Wave 8)

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hQA561gh - number of new quit attempts after LSD(Wave 7)-derived

Continuous

hQA442vgh - number of days since start of most recent quit attempt – composite, # days(Wave 7 to Wave 8)

Continuous

hQA553vgh - longest time smoke-free since LSD – composite in days (Wave 7 to Wave8)

Continuous

hCH801gh - visited doctor since LSD (Wave 7)-derived

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hCH811gh - advice from doctor to quit-derived

1 Yes

- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH811vgh - received advice from doctor to quit,overall-derived (Wave 7 to Wave 8)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH812gh - advice made you think about quitting-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH821gh - support from doctor for having quit-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH821vgh - support for having quit,overall-derived (Wave 7 to Wave 8)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH813gh - referral from doctor-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused

9 Don't know

hCH813vgh - referral from doctor to quit,overall-derived (Wave 7 to Wave 8)

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hCH815gh - quitting Rx from doctor (smokers)-derived

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hCH815vgh - quitting Rx from doctor, overall-derived (Wave 7 to Wave 8)

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hCH817gh - pamphlet from doctor-derived

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hCH817vgh - quitting pamphlet from doctor, overall-derived (Wave 7 to Wave 8)

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hCH861gh - received quitting info from quit line-derived

4.2 4 Country 4C1

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH865gh - received quitting info from internet-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hCH869gh - received quitting info from clinic-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM111gh - used any quitting meds-derived (Wave 7 to Wave 8)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM161gh - SSM used to quit-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM161vgh - SSM used to quit-derived

- 1 Yes
- 2 No
- 7 NA

4.2 4 Country 4C1

8 Refused

9 can't say

hSM160gh - SSM used to stay quit-derived

1 Yes

2 No

7 NA

8 Refused

9 can't say

hSM162gh - SSM used to reduce amount-derived

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hSM163gh - SSM used to cope with non-smoke situations-derived

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hSM164gh - SSM used for other reason-derived

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

hSM164ogh - SSM used for what other reason-derived

Text

hSM201gh - used gum for last quit attempt-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

hSM202gh - used patch for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM203gh - used lozenges for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM204gh - used tablets for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM210gh - used other NRT for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM211gh - used Zyban/ Bupropion/ Wellb for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM212gh - used Chantix/ Varenicline for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM215gh - used other Rx med for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM220gh - used other SSM (gen) for last quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM220ogh - used what other med for last quit attempt

Text

hSM210ogh - used what other NRT for last quit attempt-derived

Text

hSM215ogh - used what other Rx for last quit attempt-derived

Text

hSM260gh - got last Rx SSM by prescription-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM262gh - got last Rx SSM from a friend-derived

4.2 4 Country 4C1

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM263gh - got last Rx SSM free from a doctor-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM259gh - last Rx SSM left over from earlier QA-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM265gh - paid full price for last Rx SSM-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM266gh - got last Rx SSM at a discount-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM267gh - got last Rx SSM free-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

hSM268gh - got last Rx SSM partially covered-derived

- 1 government subsidy or insurance plan
- 2 some other kind of discount
- 7 NA
- 8 Refused
- 9 can't say

hSM269gh - still using Rx SSM-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM270vgh - used, using Rx SSM in (number of days)-derived

Continuous

hSM310gh - got last NRT by prescription-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM311gh - got last NRT over the counter-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM314gh - got last NRT at non-pharmacy store-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

hSM312gh - got last NRT from a friend-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM313gh - got last NRT free, from a doctor-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM319gh - last NRT left over from earlier quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM315gh - paid full price for last NRT-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM316gh - got last NRT at a discount-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM317gh - got last NRT free-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM318gh - got last NRT partially covered-derived

- 1 government subsidy or insurance plan
- 2 some other kind of discount
- 7 NA
- 8 Refused
- 9 can't say

hSM329gh - still using last NRT-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM330vgh - used, using last NRT in (number of days)-derived

Continuous

hSM345gh - smoked while using last NRT-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM458gh - used to-quit NRT daily or less often-derived

- 1 every day
- 2 4-6 days a week
- 3 1-3 days a week
- 4 less than once a week
- 7 NA

4.2 4 Country 4C1

8 Refused

9 can't say

hSM459gh - number of to-quit NRT pieces per day-derived

Continuous

hSM380gh - same SSMs to stay quit as to quit-derived

1 Yes

2 No

7 NA

8 Refused

9 can't say

hSM401gh - used gum to stay quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM402gh - used patch to stay quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM403gh - used lozenges to stay quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM404gh - used tablets to stay quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

4.2 4 Country 4C1

- 8 Refused
- 9 Don't know

hSM410gh - used other NRT to stay quit-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM411gh - used other Rx to stay quit-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM412gh - used other unknown/ generic SSM to stay quit-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM410ogh - which other NRT used to stay quit-derived

Text

hSM411ogh - which other Rx used to stay quit-derived

Text

hSM412ogh - which other SM used to stay quit-derived

Text

hSM420gh - got stay-quit NRT by prescription-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM421gh - got stay-quit NRT over the counter-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM424gh - got stay-quit NRT at non-pharmacy store-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM422gh - got stay-quit NRT from a friend-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM423gh - got stay-quit NRT free, from a doctor-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM429gh - stay-quit NRT left over from quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM435gh - paid full price for stay-quit NRT-derived

- 1 Mentioned

4.2 4 Country 4C1

- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM436gh - got stay-quit NRT at a discount-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM437gh - got stay-quit NRT free-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM438gh - got stay-quit NRT partly covered-derived

- 1 government subsidy or insurance plan
- 2 some other kind of discount
- 7 NA
- 8 Refused
- 9 can't say

hSM462gh - used stay-quit NRT daily or less often-derived

- 1 every day
- 2 4-6 days a week
- 3 1-3 days a week
- 4 less than once a week
- 7 NA
- 8 Refused
- 9 can't say

hSM464gh - number of stay-quit NRT pieces per day-derived

Continuous

hSM119gh - since LSD, used other SSMs to quit-derived

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 can't say

hSM121gh - since LSD, used gum-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM122gh - since LSD, used patch-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM123gh - since LSD, used lozenges-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM124gh - since LSD, used tablets-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM130gh - since LSD, used other NRT-derived

- 1 Mentioned

4.2 4 Country 4C1

- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM135gh - since LSD, used other Rx med-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM140gh - since LSD, used other SSM (gen)-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM140ogh - since LSD, which other Rx med used-derived

Text

hSM135ogh - since LSD, which other Rx med used-derived

Text

hSM130ogh - since LSD, which other NRT used-derived

Text

hSM498gh - used SSMs to cut down separately from to-quit-derived

- 1 yes, used when not trying to quit
- 2 no, only when trying to quit
- 7 NA
- 8 Refused
- 9 can't say

hSM499gh - used SSMs for non-quit separately from to-quit-derived

- 1 yes, used when not trying to quit
- 2 no, only when trying to quit
- 7 NA

4.2 4 Country 4C1

8 Refused

9 can't say

hSM500gh - cut down or cope, which use most recent-derived

1 cut down

2 cope with non-smoking situations

7 NA

8 Refused

9 can't say

hSM501gh - used gum for non-quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM502gh - used patch for non-quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM503gh - used lozenges for non-quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM504gh - used tablets for non-quit-derived

1 Mentioned

2 Not Mentioned

7 Not applicable

8 Refused

9 Don't know

hSM510gh - used other NRT for non-quit-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM511gh - used prescription med for non-quit-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM512gh - used other med for non-quit-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM510ogh - which other NRT for non-quit-derived

Text

hSM511ogh - which prescription med for non-quit-derived

Text

hSM512ogh - used which other med for non-quit-derived

Text

hSM520gh - got non-quit NRT by prescription-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM521gh - got non-quit NRT over the counter-derived

4.2 4 Country 4C1

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM524gh - got non-quit NRT at non-pharmacy store-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM522gh - got non-quit NRT from a friend-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM523gh - got non-quit NRT free, from a doctor-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM529gh - non-quit NRT leftover from quit attempt-derived

- 1 Mentioned
- 2 Not Mentioned
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM535gh - paid full price for non-quit NRT-derived

- 1 Yes
- 2 No
- 7 NA

4.2 4 Country 4C1

8 Refused

9 can't say

hSM536gh - got non-quit NRT at a discount-derived

1 Yes

2 No

7 NA

8 Refused

9 can't say

hSM537gh - got non-quit NRT free-derived

1 Yes

2 No

7 NA

8 Refused

9 can't say

hSM538gh - got non-quit NRT partly covered-derived

1 government subsidy or insurance plan

2 some other kind of discount

7 NA

8 Refused

9 can't say

hSM544gh - used NRT to cut down after failed quit attempt-derived

1 after a failed quit attempt

2 ntime unrelated to a quit attempt

7 NA

8 Refused

9 can't say

hSM550vgh - used, using non-quit NRT in (number of days)-derived

Continuous

hSM552gh - used non-quit NRT daily or less often-derived

1 every day

2 4-6 days a week

3 1-3 days a week

4.2 4 Country 4C1

- 4 less than once a week
- 7 NA
- 8 Refused
- 9 can't say

hSM554gh - number of non-quit NRT pieces per day-derived

Continuous

hSM350gh - consider yourself addicted to NRT-derived

- 1 Yes, strongly addicted
- 2 Yes, somewhat addicted
- 3 No
- 4 Not sure
- 7 NA
- 8 Refused
- 9 Don't know

hSM351gh - enjoy NRT or only find useful-derived

- 1 enjoyed using
- 2 used only to control urges
- 7 NA
- 8 Refused
- 9 Don't know

hSM352gh - which non-quit NRT preferred-derived

- 1 nicotine gum
- 2 nicotine patches
- 3 nicotine lozenges
- 4 nicotine (sublingual) tablets
- 5 other nicotine replacement product (specify)
- 7 NA
- 8 Refused
- 9 can't say

hSM361gh - meds make quitting easier-derived

- 1 strongly agree
- 2 agree
- 3 neither agree nor disagree

4.2 4 Country 4C1

- 4 disagree
- 5 strongly disagree
- 7 NA
- 8 Refused
- 9 DK

hSM362gh - can quit without meds-derived

- 1 strongly agree
- 2 agree
- 3 neither agree nor disagree
- 4 disagree
- 5 strongly disagree
- 7 NA
- 8 Refused
- 9 DK

hSM363gh - meds too expensive-derived

- 1 strongly agree
- 2 agree
- 3 neither agree nor disagree
- 4 disagree
- 5 strongly disagree
- 7 NA
- 8 Refused
- 9 DK

hSM364gh - dont know how to use meds-derived

- 1 strongly agree
- 2 agree
- 3 neither agree nor disagree
- 4 disagree
- 5 strongly disagree
- 7 NA
- 8 Refused
- 9 DK

hSM365gh - meds too hard to get-derived

4.2 4 Country 4C1

- 1 strongly agree
- 2 agree
- 3 neither agree nor disagree
- 4 disagree
- 5 strongly disagree
- 7 NA
- 8 Refused
- 9 DK

hSM366gh - meds might harm health-derived

- 1 strongly agree
- 2 agree
- 3 neither agree nor disagree
- 4 disagree
- 5 strongly disagree
- 7 NA
- 8 Refused
- 9 DK

hSM370gh - meds less harmful than reg cigarette-derived

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

hSM373gh - meds how much less harmful-derived

- 1 a little less harmful
- 2 a lot less harmful
- 7 NA
- 8 Refused
- 9 DK

hSM375gh - meds more harmful or same as reg cigarette-derived

- 1 more harmful
- 2 the same
- 7 NA
- 8 Refused
- 9 DK

4.2.9 4 Country 4C8.5

The ITC 4 Country 4C8.5 study was conducted from September 26, 2011 to February 13, 2012.

Variable Name	Label
hhFR309v	smoking status
hhQA514v	# days smokefree, spanning LSD (derived)
hhQA442v	when did you quit – composite, #days
hhQA236v	Time smokefree on most recent QA
hhQA553v	longest time smoke-free since LSD – composite in days
hhFR245v	CPD (cigs per day) – continuous
hhFR250v	CPD (cigs per day) – categories
hhFR122v	derived- how long did you smoke daily
hhFR123v	how long ago quit your daily smoking - derived, in days
hhFR333v	use of RYO vs factory made (categ)
hhBR309v	regular brand FM or RYO
hhQA111v	longest time off smoking(days)
hhSB012v	min to first cig (continuous)
hhSB013v	min to first cig after waking (category)
hhFR260v	HSI : heaviness of smoking index
hhQA444V	[when started smoking;monthly – comp., #days]
hhSB226v	overall freq of butting out before finishing
hhWL313v	used any strategy to avoid warning labels
hhAD759v	noticed any anti-smoking info
hhAD240v	noticed any advertising
hhPU201v	reported priced for cigarettes is for
hhPU555v	Price per unit of tobacco purchase
hhSO401v	purchase locations(counter)
hhST302v	no. of smoked tob noncig in LM
hhBQ150v	intention to quit smoking
hhDE212v	income categories(all countries)
hhDE312v	education categories(all countries)
hhDI249v	When spouse/partner quit(length in days)
hhDE861v	age of oldest child in home

Table 76: Derived Variables for wave 8.5 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
hhDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8-M8.5 continuers
hhDE957v	rescaled longitudinal weight for M4/P4-M5-M6-M7-M8-M8.5 continuers
hhDE959v	rescaled longitudinal weight for M5/P5-M6-M7-M8-M8.5 continuers
hhDE961v	rescaled longitudinal weight for M6/P6-M7-M8-M8.5 continuers
hhDE963v	rescaled longitudinal weight for M7/P7-M8-M8.5 continuers
hhDE967v	rescaled longitudinal weight for M8/P8-M8.5 continuers
hhDE917v	main survey crosssectional weight for M8.5
hhDE915v	replenishment cross0sectional weight for P8.5
hhDE919v	combined, rescaled Wave 8.5 cross-sectional weight
hhqa231v	Days since end of most recent quit attempt (derived)

Table 77: Derived Variables for wave 8.5 of the ITC 4 Country (4C) Survey. (b)

hhFR309v - smoking status in current wave

If FR301=1 then FR309v = FR309v at LSD.

Otherwise:

1 Daily Smoker (if QA711 OR FR306 OR FR307=1)

2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)

3 Monthly Smoker (if QA711=3 OR FR306=3-4 OR FR307=3)

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if [QA444v (FR306=5)/ QA442v (otherwise)] <=30.44)

5 Quit 1-6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] >30.44 and <=182.64)

6 Quit more than 6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] >182.64 and <=365.28)

7 Quit >12 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] >365.28)

8 recruited recent quitter

9 recruited non-smoker

hhQA514v - number of days smokefree, spanning LSD (derived)

Continuous

hhQA442v - when did you quit – composite, number of days

Continuous

hhQA236v - Time smokefree on most recent quit attempt

Continuous

hhQA553v - longest time smoke-free since LSD – composite in days

Continuous

hhFR245v - CPD (cigarettes per day)

Continuous

hhFR250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

8 Refused

9 Don't know

hhFR122v - derived- how long did you smoke daily

Continuous

hhFR123v - how long ago quit your daily smoking - derived, in days

Continuous

hhFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

- 1 only FM cigarettes
- 2 mainly FM
- 3 FM and RYO similar
- 4 mainly RYO
- 5 only RYO
- 7 NA
- 8 Refused
- 9 DK

hhBR309v - regular brand FM or RYO

- 1 Factory-made/packet cigarettes
- 2 Roll-your-own cigarettes
- 3 Other

hhQA111v - longest time off smoking(days)

Continuous

hhSB012v - min to first cigarette

Continuous

hhSB013v - min to first cigarette after waking (category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

hhFR260v - Heaviness of Smoking Index (HSI)

0-2 low

4.2 4 Country 4C1

4 ARCHIVED PROJECTS

3-4 moderate

5-6 high

hhQA444V - [when started smoking;monthly – comp., number of days]

Continuous

hhSB226v - overall frequency of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

hhWL313v - used any strategy to avoid warning labels

0 no

1 yes

9 does not smoke

hhAD759v - noticed any anti-smoking info

0 no

1 yes

hhAD240v - noticed any advertising

0 no

1 yes

hhPU201v - reported priced for cigarettes is for

1 carton

2 pack

3 loose

4 ryo tobacco

5 respondent has quit

9 price not reported

hhPU555v - Price per unit of tobacco purchase

Continuous

4.2 4 Country 4C1

hhSO401v - purchase locations(counter)

Continuous

hhST302v - no. of smoked tobacco noncigarette in last month

Continuous

hhBQ150v - intention to quit smoking

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

hhDE212v - income categories(all countries)

1 Low

2 Moderate

3 High

9 No answer

hhDE312v - education categories(all countries)

1 Low

2 Moderate

3 High

7 NA

8 Refused

9 DK

hhDI249v - When spouse/partner quit(length in days)

Continuous

hhDE861v - age of oldest child in home

0 no children in home

1 infant

2 pre-primary

3 pre-teen

4 teen

7 NA

8 Refused

9 DK

hhDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8-M8.5 continuers

hhDE957v - rescaled longitudinal weight for M4/P4-M5-M6-M7-M8-M8.5 continuers

hhDE959v - rescaled longitudinal weight for M5/P5-M6-M7-M8-M8.5 continuers

hhDE961v - rescaled longitudinal weight for M6/P6-M7-M8-M8.5 continuers

hhDE963v - rescaled longitudinal weight for M7/P7-M8-M8.5 continuers

hhDE967v - rescaled longitudinal weight for M8/P8-M8.5 continuers

hhDE917v - main survey crosssectional weight for M8.5

hhDE915v - replenishment cross0sectional weight for P8.5

hhDE919v - combined, rescaled Wave 8.5 cross-sectional weight

hhqa231v - Days since end of most recent quit attempt (derived)

Continuous

4.2.10 4 Country 4C9

The ITC 4 Country 4C9 study was conducted from February 7 to May 13, 2013 (AU); to September 10, 2013 (UK); August 28, 2013 to October 31, 2014 (CA); to March 31, 2015 (US).

For Information about sample weighting see the weight document which can be found [here](#).

Variable Name	Label
iFR309v	smoking status
iFR245v	CPD (cigs per day) – continuous
iFR250v	CPD (cigs per day) – categories
iFR260v	HSI : heaviness of smoking index
iQA514v	# days smokefree, spanning LSD (derived)
iQA553v	longest time smoke-free since LSD – composite in days
iQA442v	when did you quit – composite, #days
iQA662v	since end of quit in 6M – composite, # days
iQA111v	longest time off smoking(days)
iQA231v	QA231V - days
iQA236v	Time smokefree on most recent QA
iQA241v	longest time smoke-free(in days)for quit attempts ending in last 6 months
iQA229v	Time smokefree on 2nd most recent QA
iQA444v	[when started smoking;monthly – comp., #days]
iFR122v	smoked daily for how long - derived, weeks
iFR123v	how recently quit your daily smoking - derived, in days
iFR333v	use of RYO vs factory made (categ)
iBR309v	regular brand FM or RYO
iSB012v	min to first cig (continuous)
iSB013v	min to first cig after waking (category)
iSB226v	overall freq of butting out before finishing
iWL313v	used any strategy to avoid warning labels
iAD759v	noticed any anti-smoking info
iPU201v	reported priced for cigarettes is for
iPU555v	Price per unit of tobacco purchase
iSO401v	purchase locations(counter)
iST302v	no. of smoked tob noncig in LM
iSM111v	used any quitting meds
iSM161v	SSM used to quit
iSM331v	current length of NRT use (days)

Table 78: Derived Variables for wave 9 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
iCH811v	received advice from doctor to quit,overall
iCH815v	quitting Rx from doctor, overall
iCH821v	support for having quit,overall
iCH809v	doctor's advice substantial,overall
iCH813v	referral from doctor to quit,overall
iCH817v	quitting pamphlet from doctor, overall
iCH872v	doctor gave advice on harm reduction,overall
iBQ150v	intention to quit smoking
iET601v	work outside the home(all respondents)
iDE212v	income categories(all countries)
iDE312v	education categories(all countries)
iDI249v	When spouse/partner quit(length in days)
iDE861v	age of oldest child in home
iDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8-M9 continuers
iDE957v	rescaled longitudinal weight for M4/P4-M5-M6-M7-M8-M9 continuers
iDE959v	rescaled longitudinal weight for M5/P5-M6-M7-M8-M9 continuers
iDE961v	rescaled longitudinal weight for M6/P6-M7-M8-M9 continuers
iDE963v	rescaled longitudinal weight for M7/P7-M8-M9 continuers
iDE967v	rescaled longitudinal weight for M8/P8-M9 continuers
iDE917v	rescaled main survey crosssectional weight for M9
iDE915v	rescaled replenishment crosssectional weight for P9
iDE919v	combined, rescaled Wave 9 cross-sectional weight
iDE969v	rescaled longitudinal weight for M8.5/P8.5-M9 continuers
iDE965v	rescaled longitudinal weight for M7.5-M9 continuers (US only)

Table 79: Derived Variables for wave 9 of the ITC 4 Country (4C) Survey. (b)

Variable Name	Label
iQA663v	lag between previous and last QA (days)-derived
iSM550v	used, using non-quit NRT for (# days) - derived
iBI351v	derived: no. of adults in HH age 18-24
iBI354a	confirm reported num adults in HH age 25+ correct
iBI354b	no. of adults in HH age 25+
iBI354v	derived: no. of adults in HH age 25+
iQA409v	how long since quit cigs -in days (derived)
iDE902v	replenishment weight for 25+ yrs old smokers(including current quitters) recruited in Wave 9
iDE906v	replenishment weight for 25+ yrs old tobacco users (including current quitters) recruited in Wave 9
iDE903v	replenishment weight for 18-24 yrs old smokers(including current quitters) recruited in Wave 9
iDE904v	replenishment weight for 18-24 yrs old tobacco users (including current quitters) recruited in Wave 9
iDE909v	replenishment weight for 18-24 yrs old non tobacco users recruited in Wave 9
iDE901v	replenishment weight for 18+ yrs old smokers(including current quitters) recruited in Wave 9
iDE905v	replenishment weight for 18+ yrs old tobacco users (including current quitters) recruited in Wave 9

Table 80: Derived Variables for wave 9 of the ITC 4 Country (4C) Survey. (c)

iFR309v - smoking status in current wave

If FR301=1 then FR309v = FR309v at LSD.

Otherwise:

1 Daily Smoker (if QA711 OR FR306 OR FR307=1)

2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)

3 Monthly Smoker (if QA711=3 OR FR306=3-4 OR FR307=3)

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if [QA444v (FR306=5)/ QA442v (otherwise)] ≤ 30.44)

5 Quit 1-6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] ≥ 30.44 and ≤ 182.64)

6 Quit more than 6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 182.64 and ≤ 365.28)

7 Quit > 12 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 365.28)

8 recruited recent quitter

9 recruited non-smoker

iFR245v - CPD (cigarettes per day)

Continuous

iFR250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

8 Refused

9 Don't know

iFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

iQA514v - number of days smokefree, spanning LSD (derived)

Continuous

iQA553v - longest time smoke-free since LSD – composite in days

Continuous

iQA442v - when did you quit – composite, number of days

Continuous

iQA662v - since end of quit in 6 months – composite, number of days

Continuous

iQA111v - longest time off smoking(days)

Continuous

iQA231v - QA231V - days

Continuous

iQA236v - Time smokefree on most recent quit attempt

Continuous

iQA241v - longest time smoke-free(in days)for quit attempts ending in last 6 months

Continuous

iQA229v - Time smokefree on 2nd most recent quit attempt

Continuous

iQA444v - [when started smoking;monthly – comp., number of days]

Continuous

iFR122v - smoked daily for how long - derived, weeks

Continuous

iFR123v - how recently quit your daily smoking - derived, in days

Continuous

iFR333v - use of Roll Your Own (RYO) vs factory made (categorical)

1 only FM cigarettes

2 mainly FM

3 FM and RYO similar

4 mainly RYO

5 only RYO

7 NA

8 Refused

9 DK

iBR309v - regular brand FM or RYO

4.2 4 Country 4C1

- 1 Factory-made/packet cigarettes
- 2 Roll-your-own cigarettes
- 3 Other

iSB012v - min to first cigarette

Continuous

iSB013v - min to first cigarette after waking (category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

iSB226v - overall frequency of butting out before finishing

- 0 never
- 1 once
- 2 a few times
- 3 lots of times
- 7 NA
- 8 Refused
- 9 DK

iWL313v - used any strategy to avoid warning labels

- 0 no
- 1 yes
- 9 does not smoke

iAD759v - noticed any anti-smoking info

- 0 no
- 1 yes

iPU201v - reported priced for cigarettes is for

- 1 carton
- 2 pack
- 3 loose

4.2 4 Country 4C1

4 ryo tobacco

5 respondent has quit

9 price not reported

iPU555v - Price per unit of tobacco purchase

Continuous

iSO401v - purchase locations(counter)

Continuous

iST302v - no. of smoked tobacco noncigarette in last month

Continuous

iSM111v - used any quitting medications

1 Yes

2 No

7 NA

8 Refused

9 can't say

iSM161v - SSM used to quit

1 Yes

2 No

7 NA

8 Refused

9 can't say

iSM331v - current length of NRT use (days)

Continuous

iCH811v - received advice from doctor to quit,overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

iCH815v - quitting Rx from doctor, overall

1 Yes

4.2 4 Country 4C1

- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

iCH821v - support for having quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

iCH809v - doctor's advice substantial,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

iCH813v - referral from doctor to quit,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

iCH817v - quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

iCH872v - doctor gave advice on harm reduction,overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused

4.2 4 Country 4C1

9 Don't know

iBQ150v - intention to quit smoking

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

iET601v - work outside the home(all respondents)

1 Yes

2 No

7 N/A

8 Refused

9 Not stated

iDE212v - income categories(all countries)

1 Low

2 Moderate

3 High

9 No answer

iDE312v - education categories(all countries)

1 Low

2 Moderate

3 High

7 NA

8 Refused

9 DK

iDI249v - When spouse/partner quit(length in days)

Continuous

iDE861v - age of oldest child in home

0 no children in home

1 infant

2 pre-primary

3 pre-teen

4 teen

7 NA

8 Refused

9 DK

iDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8-M9 continuers

iDE957v - rescaled longitudinal weight for M4/P4-M5-M6-M7-M8-M9 continuers

iDE959v - rescaled longitudinal weight for M5/P5-M6-M7-M8-M9 continuers

iDE961v - rescaled longitudinal weight for M6/P6-M7-M8-M9 continuers

iDE963v - rescaled longitudinal weight for M7/P7-M8-M9 continuers

iDE967v - rescaled longitudinal weight for M8/P8-M9 continuers

iDE917v - rescaled main survey crosssectional weight for M9

iDE915v - rescaled replenishment crosssectional weight for P9

iDE919v - combined, rescaled Wave 9 cross-sectional weight

iDE969v - rescaled longitudinal weight for M8.5/P8.5-M9 continuers

iDE965v - rescaled longitudinal weight for M7.5-M9 continuers (US only)

iQA663v - lag between previous and last quit attempt (days)-derived

Continuous

iSM550v - used, using non-quit NRT for (number of days) - derived

Continuous

iBI351v - derived: no. of adults in HH age 18-24

Continuous

iBI354a - confirm reported num adults in HH age 25+ correct

Continuous

iBI354b - no. of adults in HH age 25+

Continuous

iBI354v - derived: no. of adults in HH age 25+

Continuous

iQA409v - how long since quit cigs -in days (derived)

Continuous

iDE902v - replenishment weight for 25+ yrs old smokers(including current quitters) recruited in Wave 9

Continuous

iDE906v - replenishment weight for 25+ yrs old tobacco users (including current quitters) recruited in Wave 9

Continuous

iDE903v - replenishment weight for 18-24 yrs old smokers(including current quitters) recruited in Wave 9

Continuous

iDE904v - replenishment weight for 18-24 yrs old tobacco users (including current quitters) recruited in Wave 9

Continuous

iDE909v - replenishment weight for 18-24 yrs old non tobacco users recruited in Wave 9

Continuous

iDE901v - replenishment weight for 18+ yrs old smokers(including current quitters) recruited in Wave 9

Continuous

iDE905v - replenishment weight for 18+ yrs old tobacco users (including current quitters) recruited in Wave 9

Continuous

4.2.11 4 Country 4C10

The ITC 4 Country 4C10 study was conducted in 2014 from August 27 to December 15.

Variable Name	Label
jFR309v	smoking status
jFR245v	CPD (cigs per day) – continuous
jFR250v	CPD (cigs per day) – categories
jFR260v	HSI : heaviness of smoking index
jQA514v	# days smokefree, spanning LSD (derived)
jQA331v	any attempts to quit since LSD (derived)
jQA442v	last QA, start (derived)
jQA662v	last QA, end (derived)
jQA236v	last QA, length (derived)
jQA551v	longest QA after LSD, duration (derived)
jEC585v	e-cig type used most at last QA (derived)
jQA444v	smoking less than monthly how long (derived)
jFR123v	how recently quit your daily smoking - derived, in days
jBR309v	usual brand FM or RYO
jBR365v	number of packs smoked per week (derived)
jSB012v	min to first cig after waking (derived, continuous)
jSB013v	min to first cig after waking (derived, category)
jSB226v	freq of butting out before finishing (derived)
jWL313v	used any strategy to avoid warning labels
jST302v	no. of non-cig smoked tobacco product
jEF005v	awareness of e-cigs (derived)
jNC302v	ever used e-cigs, this wave or earlier (Ron's derived var)
jEC375v	primary current/last e-cig type (derived)
jEC371v	used disposable e-cig (derived)
jEC372v	used e-cig with cartridges (derived)
jEC373v	used rechargeable e-cig w reservoir (derived)
jSM561v	NRP used to quit
jSM580v	how long using last NRP (derived)
jPU201v	reported priced for cigarettes is for
jPU555v	LP price per unit of tobacco

Table 81: Derived Variables for wave 10 of the ITC 4 Country (4C) Survey. (a)

Variable Name	Label
jSO401v	purchase locations(counter)
jBQ150v	intention to quit smoking
jET601v	work outside the home(all respondents)
jDE212v	annual household income - derived
jDE312v	highest education level - derived
jFR122v	smoked daily for how long (derived, weeks)
jQA111v	longest time off smoking(days)
jQA231v	last QA, end (derived)
jQA241v	longest time smoke-free(in days)for quit attempts ending in last 6 months
jDE955v	rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8-M8.5-M9-M10 continuers
jDE957v	rescaled longitudinal weight for M4/P4-M5-M6-M7-M8-M8.5-M9-M10 continuers
jDE959v	rescaled longitudinal weight for M5/P5-M6-M7-M8-M8.5-M9-M10 continuers
jDE961v	rescaled longitudinal weight for M6/P6-M7-M8-M8.5-M9-M10 continuers
jDE963v	rescaled longitudinal weight for M7/P7-M8-M8.5-M9-M10 continuers
jDE967v	rescaled longitudinal weight for M8/P8-M8.5-M9-M10 continuers
jDE969v	rescaled longitudinal weight for M8.5/P8.5-M9-M10 continuers
jDE971v	rescaled longitudinal weight for M9/P9-M10 continuers
jDE917v	rescaled main survey crosssectional weight for M10
jDE915v	rescaled replenishment crosssectional weight for P10
jDE919v	combined, rescaled Wave 9 cross-sectional weight

Table 82: Derived Variables for wave 10 of the ITC 4 Country (4C) Survey. (b)

jFR309v - smoking status in current wave

If FR301=1 then FR309v = FR309v at LSD.

Otherwise:

1 Daily Smoker (if QA711 OR FR306 OR FR307=1)

2 Weekly Smoker (if QA711 OR FR306 OR FR307=2)

3 Monthly Smoker (if QA711=3 OR FR306=3-4 OR FR307=3)

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if [QA444v (FR306=5)/ QA442v (otherwise)] ≤ 30.44)

5 Quit 1-6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] ≥ 30.44 and ≤ 182.64)

6 Quit more than 6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 182.64 and ≤ 365.28)

7 Quit > 12 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 365.28)

8 recruited recent quitter

9 recruited non-smoker

jFR245v - CPD (cigarettes per day)

Continuous

jFR250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

8 Refused

9 don't know

jFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

jQA514v - number of days smokefree, spanning LSD (derived)

Continuous

jQA331v - any attempts to quit since LSD (derived)

1 Yes

2 No

4.2 4 Country 4C1

7 Not applicable

8 Refused

9 Don't know

jQA442v - last quit attempt, start (derived)

Continuous

jQA662v - last quit attempt, end (derived)

Continuous

jQA236v - last quit attempt, length (derived)

Continuous

jQA551v - longest quit attempt after LSD, duration (derived)

Continuous

jEC585v - e-cigarette type used most at last quit attempt (derived)

1 A disposable e-cigarette - that is, a non-rechargeable e-cigarette.

2 An e-cigarette kit that uses replaceable pre-filled cartridges.

3 An e-cigarette that is rechargeable and has a tank or reservoir that you fill with liquid.

7 Not applicable

8 Refused

9 Don't know

jQA444v - smoking less than monthly how long (derived)

Continuous

jFR123v - how recently quit your daily smoking - derived, in days

Continuous

jBR309v - usual brand FM or RYO

1 Factory-made/packet cigarettes

2 Roll-your-own cigarettes

3 Other

jBR365v - number of packs smoked per week (derived)

Continuous

jSB012v - min to first cigarette after waking

Continuous

4.2 4 Country 4C1

jSB013v - min to first cigarette after waking (derived, category)

- 0 > 60 min
- 1 31-60 min
- 2 6-30 min
- 3 < 5 min
- 7 NA
- 8 Refused
- 9 DK

jSB226v - frequency of butting out before finishing (derived)

- 0 never
- 1 once
- 2 a few times
- 3 lots of times
- 7 NA
- 8 Refused
- 9 DK

jWL313v - used any strategy to avoid warning labels

- 0 no
- 1 yes
- 9 does not smoke

jST302v - no. of non-cigarette smoked tobacco product

Continuous

jEF005v - awareness of e-cigarettes (derived)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

jNC302v - ever used e-cigarettes, this wave or earlier (Ron's derived var)

- 1 Yes
- 2 No
- 7 Not applicable

- 8 Refused
- 9 Don't know

jEC375v - primary current/last e-cigarette type (derived)

- 1 A disposable e-cigarette - that is, a non-rechargeable e-cigarette.
- 2 An e-cigarette kit that uses replaceable pre-filled cartridges.
- 3 An e-cigarette that is rechargeable and has a tank or reservoir that you fill with liquid.
- 7 Not applicable
- 8 Refused
- 9 Don't know

jEC371v - used disposable e-cigarette (derived)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

jEC372v - used e-cigarette with cartridges (derived)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

jEC373v - used rechargeable e-cigarette w reservoir (derived)

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

jSM561v - NRP used to quit

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

4.2 4 Country 4C1

jSM580v - how long using last NRP (derived)

Continuous

jPU201v - reported priced for cigarettes is for

- 1 carton
- 2 pack
- 3 loose
- 4 ryo tobacco
- 5 respondent has quit
- 9 price not reported

jPU555v - LP price per unit of tobacco

Continuous

jSO401v - purchase locations(counter)

Continuous

jBQ150v - intention to quit smoking

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

jET601v - work outside the home(all respondents)

- 1 Yes
- 2 No
- 7 N/A
- 8 Refused
- 9 Not stated

jDE212v - annual household income - derived

- 1 Low
- 2 Moderate
- 3 High
- 9 No answer

jDE312v - highest education level - derived

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

jFR122v - smoked daily for how long (derived, weeks)

Continuous

jQA111v - longest time off smoking(days)

Continuous

jQA231v - last quit attempts, end (derived)

Continuous

jQA241v - longest time smoke-free(in days)for quit attempts ending in last 6 months

Continuous

jDE955v - rescaled longitudinal weight for M3/P3-M4-M5-M6-M7-M8-M8.5-M9-M10 continuers

jDE957v - rescaled longitudinal weight for M4/P4-M5-M6-M7-M8-M8.5-M9-M10 continuers

jDE959v - rescaled longitudinal weight for M5/P5-M6-M7-M8-M8.5-M9-M10 continuers

jDE961v - rescaled longitudinal weight for M6/P6-M7-M8-M8.5-M9-M10 continuers

jDE963v - rescaled longitudinal weight for M7/P7-M8-M8.5-M9-M10 continuers

jDE967v - rescaled longitudinal weight for M8/P8-M8.5-M9-M10 continuers

jDE969v - rescaled longitudinal weight for M8.5/P8.5-M9-M10 continuers

jDE971v - rescaled longitudinal weight for M9/P9-M10 continuers

jDE917v - rescaled main survey crosssectional weight for M10

jDE915v - rescaled replenishment crosssectional weight for P10

jDE919v - combined, rescaled Wave 9 cross-sectional weight

4.3 6 European Country 6E

The International Tobacco Control (ITC) 6 European Country (6E) survey had two waves of data collection that were conducted in 2016 and 2018 in Germany, Greece, Hungary, Poland, Romania and Spain.

4.3.1 6E Core

Variable Name	Description
<code>country</code>	ITC Country Code
<code>cohort</code>	Wave of Recruitment of Respondent
<code>urban</code>	degree of urbanization
<code>VARSTRAT</code>	sampling stratum
<code>VARSTRATW12</code>	sampling stratum (for longitudinal Wave 1-Wave 2 analysis)
<code>VARPSUW1</code>	primary sampling unit (for Wave 1 analysis)
<code>VARPSUW2</code>	primary sampling unit (for Wave 2 analysis)
<code>gender</code>	Gender of Respondent at Recruitment
<code>age</code>	Age at Recruitment of Respondent (Continuous)
<code>agegrp</code>	Age at Recruitment of Respondent (Categorical)
<code>rSmoke</code>	smoking status at time of recruitment
<code>inM1</code>	Respondent was recruited in Wave 1
<code>inM2</code>	Respondent was recontacted at Wave 2
<code>inP2</code>	Respondent was recruited via replenishment at Wave 2

Table 83: Derived Variables for the core dataset at wave 2 of the ITC 6 European Country (6E) Survey.

4.3 6 *European Country 6E*
country - ITC Country Code

- 1 Germany
- 2 Greece
- 3 Hungary
- 4 Poland
- 5 Romania
- 6 Spain

cohort - Wave of Recruitment of Respondent

urban - degree of urbanization

- 1 Urban
- 2 Intermediate
- 3 Rural

VARSTRAT - sampling stratum

Continuous

VARSTRATW12 - sampling stratum (for longitudinal Wave 1-Wave 2 analysis)

Continuous

VARPSUW1 - primary sampling unit (for Wave 1 analysis)

Continuous

VARPSUW2 - primary sampling unit (for Wave 2 analysis)

Continuous

gender - Gender of Respondent at Recruitment

- 1 Male
- 2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

4.3 6 European Country 6E

rSmoke - smoking status at time of recruitment

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker

inM1 - Respondent was recruited in Wave 1

- 0 Absent/excluded at current wave
- 1 Present/included at current wave
- 7 NA

inM2 - Respondent was recontacted at Wave 2

- 0 Absent/excluded at current wave
- 1 Present/included at current wave
- 7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

- 0 Absent/excluded at current wave
- 1 Present/included at current wave
- 7 NA

4.3.2 6 European Country 6E1

The ITC 6 European Country 6E1 study was conducted in 2016 from June 16 to September 12. For more information see the technical report which can be found [here](#).

Variable Name	Label
aWTS49915v	Wave 1 cross-sectional inflation weight
aWTS49919v	Wave 1 cross-sectional rescaled weight
aFR49309v	smoking status (derived)
aFR49245v	cigarettes smoked/day (continuous, derived)
aFR49250v	cigarettes smoked/day (categorical, derived)
aSB49012v	time to first cigarette (derived)
aFR49260v	heaviness of smoking index (derived)
aQA49331v	any attempts to quit in past 12 months (derived)
aEC49310v	e-cigarette use status (derived)
aDE49212v	monthly household income (derived)
aDE49312v	highest level of education (derived)
aDE49313v	highest level of education (ISCED coding, derived)

Table 84: Derived Variables for wave 1 of the ITC 6 European Country (6E) Survey.

4.3 6 European Country 6E

aWTS49915v - Wave 1 cross-sectional inflation weight

aWTS49919v - Wave 1 cross-sectional rescaled weight

aFR49309v - smoking status (derived)

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Less than monthly smoker
- 5 Quit in last month
- 6 Quit 1-6 months ago
- 7 Quit more than 6 months ago

aFR49245v - cigarettes smoked/day

Continuous

aFR49250v - cigarettes smoked/day (categorical, derived)

- 0 <10
- 1 11-20
- 2 21-30
- 3 31+

aSB49012v - time to first cigarette (derived)

- 0 > 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 ≤ 5 minutes or less

aFR49260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aQA49331v - any attempts to quit in past 12 months (derived)

- 0 Has not tried to quit in last 12 months
- 1 Tried to quit last 12 months

aEC49310v - e-cigarette use status (derived)

- 1 Daily

4.3 6 European Country 6E

2 Weekly

3 Monthly

4 Less than monthly

9 Non-user

88 refused

99 don't know

aDE49212v - monthly household income (derived)

1 Low

2 Moderate

3 High

4 Not reported

aDE49312v - highest level of education (derived)

1 Low

2 Moderate

3 High

aDE49313v - highest level of education (ISCED coding, derived)

0 Pre-primary education (including no education)

1 Primary education

2 Lower secondary education

3 Upper secondary education

4 Post-secondary non-tertiary (including pre-vocational or vocational)

5 Short-cycle tertiary

6 Bachelor or equivalent

7 Master or equivalent

8 Doctoral or equivalent

4.3.3 6 European Country 6E2

The ITC 6 European Country 6E2 study was conducted in 2018 from February 20 to May 6. For more information see the technical report which can be found [here](#).

Variable Name	Label
bWTS49915v	Wave 2 cross-sectional inflation weight
bWTS49919v	Wave 2 cross-sectional rescaled weight
bWTS49921v	Wave 1-2 longitudinal inflation weight (for W1 respondents surveyed in W2)
bWTS49951v	Wave 1-2 longitudinal rescaled weight (for W1 respondents surveyed in W2)
bFR49309v	smoking status (derived)
bFR49245v	cigarettes smoked/day (continuous, derived)
bFR49250v	cigarettes smoked/day (categorical, derived)
bSB49012v	time to first cigarette (derived)
bFR49260v	heaviness of smoking index (derived)
bQA49331v	any attempts to quit in past 12 months (derived)
bEC49310v	e-cigarette use status (derived)
bDE49212v	monthly household income (derived)
bDE49313v	highest level of education (ISCED coding, derived)
bDE49312v	highest level of education (derived)
bQA49442v	last QA, start (derived)
bQA49329v	successful QA since 18M LSD

Table 85: Derived Variables for wave 2 of the ITC 6 European Country (6E) Survey.

bWTS49915v - Wave 2 cross-sectional inflation weight

bWTS49919v - Wave 2 cross-sectional rescaled weight

bWTS49921v - Wave 1-2 longitudinal inflation weight (for W1 respondents surveyed in W2)

bWTS49951v - Wave 1-2 longitudinal rescaled weight (for W1 respondents surveyed in W2)

bFR49309v - smoking status (derived)

- 1 Daily smoker (FR225=1)
- 2 Weekly smoker (FR225=2)
- 3 Monthly smoker (FR225=3)
- 4 Less than monthly smoker (FR225=4)
- 5 Quit in last month (QA442v<=30)
- 6 Quit 1-6 months ago (QA442v>30 and <180)
- 7 Quit more than 6 months ago (QA442v=>180)

bFR49245v - cigarettes smoked/day

Continuous

bFR49250v - cigarettes smoked/day (categorical, derived)

- 0 <10
- 1 11-20
- 2 21-30
- 3 31+

bSB49012v - time to first cigarette (derived)

- 0 > 60 minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 <= 5 minutes or less

bFR49260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bQA49331v - any attempts to quit in past 12 months (derived)

- 0 Has not tried to quit in last 12 months
- 1 Tried to quit last 12 months

bEC49310v - e-cigarette use status (derived)

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly
- 9 Non-user
- 88 refused
- 99 don't know

bDE49212v - monthly household income (derived)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not reported

bDE49313v - highest level of education (ISCED coding, derived)

- 0 Pre-primary education (including no education)
- 1 Primary education
- 2 Lower secondary education
- 3 Upper secondary education
- 4 Post-secondary non-tertiary (including pre-vocational or vocational)
- 5 Short-cycle tertiary
- 6 Bachelor or equivalent
- 7 Master or equivalent
- 8 Doctoral or equivalent

bDE49312v - highest level of education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not reported

bQA49442v - last quit attempts, start (derived) - Number of days since start of current quit attempt

Continuous

bQA49329v - successful quit attempts since 18 months LSD

If QA331r=1 or QA331=1 or FR305=2, then QA329v=1.

4.3 6 European Country 6E

Otherwise QA329v=2.

4 ARCHIVED PROJECTS

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

4.4 **Bangladesh BD**

The International Tobacco Control (ITC) Bangladesh (BD) survey had 4 waves of data collection that were conducted between 2009 and 2015. Waves 1 and 2 have separate samples which means that they have separate data sets for smokers (smk) and non-smokers (nsmk). Waves 3 and 4 have separate samples/data sets for tobacco (tob) and non-tobacco (non) users.

4.4.1 **BD Core**

Variable Name	Description
country	ITC Country Code : 62 - BD
cohort	Wave of Recruitment of Respondent
sample	sample type (based on division/district/upazila)
sampleType	sample type (based on division/district/upazila)
areaSample	broad sampling category used to rescale the sampling weights
division	division
district	district
upazila	upazila
village	village
urban	urban/rural residence
chiIdx	socio-economic status based on CASHPOR Housing Index tertiles
strata	sampling stratum (division)
psu	primary sampling unit (upazila)
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
statusRecr	tobacco use status at recruitment
statusFlag	flags wave when respondent switched from non-tobacco user to a tobacco user
quitterFlag	smokers in wave 't' interviewed as non-users instead of quitters in wave 't+1'
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
lost	Wave when respondent was lost to follow up

Table 86: Derived Variables for the core dataset at wave 4 of the ITC Bangladesh (BD) Survey.

4.4 Bangladesh BD

country - ITC Country Code : 62 - BD

cohort - Wave of Recruitment of Respondent

sample - sample type (based on division/district/upazila)

- 1 National
- 2 Floating (slum)
- 3 Border
- 4 Tribal

sampleType - sample type (based on division/district/upazila)

Continuous

areaSample - broad sampling category used to rescale the sampling weights

- 1 Dhaka non-slum sample
- 2 Dhaka slum sample
- 3 Non-tribal, non-border areas outside Dhaka
- 4 Tribal & border areas outside Dhaka

division - division

- 1 Barisal
- 2 Chittagong
- 3 Dhaka
- 4 Khulna
- 5 Rajshahi
- 6 Sylhet

district - district

- 1 Barguna
- 2 Barisal
- 3 Bhola
- 4 Rangamati
- 5 Chittagong
- 6 Cox's Bazar
- 7 Noakhali
- 8 Dhaka
- 9 Kishoreganj
- 10 Madaripur

4.4 Bangladesh BD

- 11 Mymensingh
- 12 Netrokona
- 13 Tangail
- 14 Jessore
- 15 Khulna
- 16 Kushtia
- 17 Dinaajpur
- 18 Pabna
- 19 Rajshahi
- 20 Rangpur
- 21 Habiganj
- 22 Sylhet
- 23 Satkhira

upazila - upazila

- 1 Amtali/Pathargata
- 2 Banaripara
- 3 Barisal Sadar
- 4 Bhola Sadar
- 5 Belaichhari
- 6 Fatikchari
- 7 Hat Hajari
- 8 Karnaphuli
- 9 Mirsharai
- 10 Teknaf
- 11 Noakhali Sadar
- 12 Senbagh
- 13 Keraniganj
- 14 Khilgaon Thana
- 15 Lalbagh Thana
- 16 Mohammadpur Thana
- 17 Sabujbagh Thana
- 18 Bhairab
- 19 Kishoreganj Sadar
- 20 Shib Char
- 21 Muktagachha

4.4 *Bangladesh BD*

22 Mymensingh Sadar

23 Durgapur

24 Kalihati

25 Nagarpur

26 Jessore Sadar

27 Sharsha

28 Satkhira Sadar

29 Rupsha

30 Kushtia Sadar

31 Phulbari

32 Parbatipur

33 Bhangura

34 Faridpur

35 Durgapur

36 Tanor

37 Badarganj

38 Rangpur Sadar

39 Nabiganj

40 Fenchuganj

45 Mirpur

46 Motijhil

47 Gulshan

village - village

1 Chhurikata

2 Raihanpur

3 Machhrang

4 Chakhar

5 Baidya Para

6 Hijaltala

7 Nabipur

8 Sundrkhali

9 Tinkania & Goain Chhari

11 Ramgar Chabagan

12 Fatehpur

13 Nehalpur

4.4 *Bangladesh BD*

- 14 Alampur
- 15 Khoashnagar
- 16 Charlaikha
- 17 Sonapahar
- 18 Jamadargram
- 19 Puran Pollan Para
- 20 Nazirpara
- 21 Purba Fatehpur
- 22 Jamalpur
- 23 Chiladi
- 24 Arjuntala
- 25 Hukka Patti
- 26 Kaybarta Para
- 27 Malibagh Bazarpara
- 28 Natunbagh
- 29 Azimpur Road
- 30 Lalbagh
- 31 Shahjahan Road
- 32 Lalmatia (Block-F)
- 33 Sabujbagh
- 34 Kusumbagh
- 35 Kalipur (Uttarpara)
- 36 Chandpur
- 37 Purba Katiar Char
- 38 Auliar Para
- 39 Nalgora
- 40 Baghmara
- 41 Lakshmikhola
- 42 Nimuria
- 43 Natun Bazar
- 44 Durgabari
- 46 Durgapur & Farang Para
- 47 Haripur
- 48 Ramdebpur
- 49 Chasha Bhadra

4.4 *Bangladesh BD*

- 50 Sahajani
- 51 Chanchra Roypara
- 52 Bijoyagar
- 53 Gauripur
- 54 Monirampur
- 55 Bhomra
- 56 Chaubaria
- 57 Pithabhog
- 58 Nehalpur
- 59 Railway Colony
- 60 Radhanagar
- 61 Chakchaka
- 62 Shamsernagar
- 63 Mujaffarnagar
- 64 Chhota Ramchandrapur
- 65 Adarsha Gram
- 66 Bhabanipur
- 67 Deobhog
- 68 Nishipara
- 69 Salgharia
- 70 Palashbari
- 71 Bel Pukur
- 72 Kalma
- 73 Shaha Pur
- 74 Kismat Basantapur
- 75 Pakpara
- 76 Putimari
- 77 Shibpasha
- 78 Bhanudeb
- 79 Ashighar
- 80 Ghilachhara
- 85 Sarengbari
- 86 Kamlapur
- 87 Adabor
- 88 Jeneva Camp

4.4 Bangladesh BD

89 Koril

90 Kamrangirchar

urban - urban/rural residence

1 Urban

2 Rural

childx - socio-economic status based on CASHPOR Housing Index tertiles

1 Low

2 Moderate

3 High

strata - sampling stratum (division)

1 Barisal

2 Chittagong

3 Dhaka

4 Khulna

5 Rajshahi

6 Sylhet

7 Dhaka slums

8 Rangamati district

9 Netrokona district

10 Khulna border area (Bhomra)

psu - primary sampling unit (upazila)

1 Amtali/Pathargata

2 Banaripara

3 Barisal Sadar

4 Bhola Sadar

5 Belaichhari

6 Fatikchari

7 Hat Hajari

8 Karnaphuli

9 Mirsharai

10 Teknaf

11 Noakhali Sadar

12 Senbagh

4.4 *Bangladesh BD*

- 13 Keraniganj
- 14 Khilgaon Thana
- 15 Lalbagh Thana
- 16 Mohammadpur Thana
- 17 Sabujbagh Thana
- 18 Bhairab
- 19 Kishoreganj Sadar
- 20 Shib Char
- 21 Muktagachha
- 22 Mymensingh Sadar
- 23 Durgapur
- 24 Kalihati
- 25 Nagarpur
- 26 Jessore Sadar
- 27 Sharsha
- 28 Satkhira Sadar
- 29 Rupsha
- 30 Kushtia Sadar
- 31 Phulbari
- 32 Parbatipur
- 33 Bhangura
- 34 Faridpur
- 35 Durgapur
- 36 Tanor
- 37 Badarganj
- 38 Rangpur Sadar
- 39 Nabiganj
- 40 Fenchuganj
- 43 Lalbagh Thana (slum)
- 44 Mohammadpur Thana (slum)
- 45 Mirpur (slum)
- 46 Motijhil (slum)
- 47 Gulshan (slum)
- 155 Bhomra (border)
- 809 Tinkania & Goain Chhari (tribal villages)

4.4 Bangladesh BD

946 Durgapur & Farang Para (tribal villages)

sex - Gender of Respondent

- 1 Male
- 2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 0 15-17
- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

statusRecr - tobacco use status at recruitment

- 1 Exclusively cigarettes
- 2 Exclusively bidi
- 3 Dual user
- 4 Predominantly bidi
- 5 Predominantly cigarettes
- 6 Mixed
- 7 Smokeless
- 8 Quitter
- 9 Non-user

statusFlag - flags wave when respondent switched from non-tobacco user to a tobacco user

Continuous

quitterFlag - smokers in wave 't' interviewed as non-users instead of quitters in wave 't+1'

Continuous

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM1, inM2, inP2, inM3, inP3, inM4, and inP4 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

lost - Wave when respondent was lost to follow up

Continuous

4.4.2 Bangladesh BD1

The ITC Bangladesh BD1 study was conducted in 2009 from Jan 21 to May 11. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
aDE73915v	wave 1 cross-sectional weight
aDE62915v	Wave 1 cross-sectional weight
aDE62919v	Wave 1 rescaled cross-sectional weight
aDE62212v	monthly household income (derived)
aDE62312v	highest level of education (derived)
aTF62998v	broad smoking status classification (derived)
aFR62309v	cigarette smoking status (daily/weekly/ <i>i</i> weekly)
aTF62309v	bidi smoking status (daily/weekly/ <i>i</i> weekly)

Table 87: Derived Variables for wave 1 of the ITC Bangladesh (BD) Survey.

4.4 Bangladesh BD

aDE73915v - wave 1 cross-sectional weight

aDE62915v - Wave 1 cross-sectional weight

aDE62919v - Wave 1 rescaled cross-sectional weight

aDE62212v - monthly household income (derived)

1 < 5,000 taka

2 5,000 to < 10,000 taka

3 \geq 10,000 taka

9 not reported

aDE62312v - highest level of education (derived)

1 Illiterate

2 1 to 8 years

3 9 years or more

aTF62998v - broad smoking status classification (derived)

1 Exclusively cigarettes

2 Exclusively bidi

3 Definite dual use

4 Predominantly bidi (may also smoke cigarettes)

5 Predominantly cigarettes (may also smoke bidi)

aFR62309v - cigarette smoking status (daily/weekly/< weekly)

1 daily

2 weekly

3 less than weekly

4 quit cig in last 30 days

5 quit cig 1-5 months ago

6 quit cig 6 months ago or longer

7 quit duration unknown

aTF62309v - bidi smoking status (daily/weekly/< weekly)

1 daily

2 weekly

3 less than weekly

4 quit bidi in last 30 days

5 quit bidi 1-5 months ago

6 quit bidi 6 months ago or longer

7 quit duration unknown

4.4.3 Bangladesh BD2

The ITC Bangladesh BD2 study was conducted in 2010 from March 18 to Jun 5. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
bDE62915v	Wave 2 cross-sectional weight
bDE62919v	Wave 2 rescaled cross-sectional weight
bDE62921v	Longitudinal weight for M1-M2 continuers
bDE62951v	Rescaled longitudinal weight for M1-M2 continuers
bFR62399v	W1 smokers interviewed as nonsmokers at W2, should have received a quitter survey
bDE62212v	monthly household income (derived)
bDE62312v	highest level of education (derived)
bTF62998v	broad tobacco use classification
bFR62309v	cigarette smoking status
bFR62245v	CPD (cigs per day) – continuous
bFR62250v	CPD (cigs per day) – categories
bTF62309v	bidi smoking status
bTF62045v	BPD (bidis per day) – continuous
bTF62050v	BPD (bidis per day) – categories
bTF62046v	sticks per day, dual users (CPD + BPD) – continuous
bTF62051v	sticks per day, dual users (CPD + BPD) – categories

Table 88: Derived Variables for wave 2 of the ITC Bangladesh (BD) Survey.

bDE62915v - Wave 2 cross-sectional weight

bDE62919v - Wave 2 rescaled cross-sectional weight

bDE62921v - Longitudinal weight for M1-M2 continuers

bDE62951v - Rescaled longitudinal weight for M1-M2 continuers

bFR62399v - W1 smokers interviewed as nonsmokers at W2, should have received a quitter survey

bDE62212v - monthly household income (derived)

1 < 5,000 taka

2 5,000 to < 10,000 taka

3 \geq 10,000 taka

9 not reported

bDE62312v - highest level of education (derived)

1 Illiterate

2 1 to 8 years

3 9 years or more

bTF62998v - broad tobacco use classification

1 exclusively cigarettes

2 exclusively bidi

3 dual user

4 predominantly bidi (may also smoke cigarettes)

5 predominantly cigarettes (may also smoke bidi)

8 quitter

9 non-smoker

bFR62309v - cigarette smoking status

1 daily

2 weekly

3 less than weekly

4 quit cig in last 30 days

5 quit cig 1-5 months ago

6 quit cig 6 months ago or longer

7 quit duration unknown

bFR62245v - CPD (cigarettes per day)

Continuous

4.4 Bangladesh BD

bFR62250v - CPD (cigarettes per day) – categories

- 0 <= 10 cig/day
- 1 11-20 cig/day
- 2 21-30 cig/day
- 3 31+ cig/day

bTF62309v - bidi smoking status

- 1 daily
- 2 weekly
- 3 less than weekly
- 4 quit bidi in last 30 days
- 5 quit bidi 1-5 months ago
- 6 quit bidi 6 months ago or longer
- 7 quit duration unknown

bTF62045v - BPD (bidis per day)

Continuous

bTF62050v - BPD (bidis per day) – categories

- 0 <= 10 bidi/day
- 1 11-20 bidi/day
- 2 21-30 bidi/day
- 3 31+ bidi/day

bTF62046v - sticks per day, dual users (CPD + BPD)

Continuous

bTF62051v - sticks per day, dual users (CPD + BPD) – categories

- 0 <= 10 sticks/day
- 1 11-20 sticks/day
- 2 21-30 sticks/day
- 3 31+ sticks/day

4.4.4 Bangladesh BD3

The ITC Bangladesh BD3 study was conducted from November 16, 2011 to June 5, 2012. For more information see the technical report which can be found [here](#). Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
cDE62915v	Wave 3 cross-sectional inflation weight
cDE62919v	Wave 3 rescaled cross-sectional weight
cDE62921v	Longitudinal weight for M1-M2-M3 continuers
cDE62923v	Longitudinal weight for M2/P2-M3 continuers
cDE62951v	Rescaled longitudinal weight for M1-M2-M3 continuers
cDE62953v	Rescaled longitudinal weight for M2/P2-M3 continuers
cTF62998v	tobacco use status
cDE62212v	household income per month (derived)
cDE62311v	highest level of education (derived based on self-report only)
cDE62312v	highest level of education (derived, adjusting for previous reports; see release notes)
cFR62309v	Cigarette smoking status (derived)
cFR62245v	Cigarettes smoked per day (derived)
cFR62250v	Cigarettes smoked per day (derived categorical measure)
cTF62309v	Bidi smoking status (derived)
cTF62045v	Bidis smoked per day (derived)
cTF62050v	Bidis smoked per day (derived categorical measure)
cTF62046v	Total cig + bidi smoked per day, dual & mixed users (derived)
cTF62051v	Total cig + bidi smoked per day, dual & mixed users (derived categorical measure)
cTF62741v	Smokeless status (derived)
cTF62745v	Smokeless per day (derived)
cTF62750v	Smokeless per day (derived categorical measure)
cSB62013v	Time (in minutes) to first smoked tobacco of the day (derived)
cSB62923v	Time (in minutes) to first smokeless tobacco of the day (derived)
cBQ62150v	Intention to quit smoking cigarettes (derived)
cTQ62250v	Intention to quit smoking bidis (derived)
cTQ62750v	Intention to quit using smokeless (derived)
cQA62231v	Tried to quit smoking cigarettes in past year (12 months) (derived)
cAQ62165v	Tried to quit smoking bidis in past year (12 months) (derived)
cTQ62665v	Tried to quit smokeless tobacco in past year (12 months) (derived)

Table 89: Derived Variables for wave 3 of the ITC Bangladesh (BD) Survey. (a)

Variable Name	Label
cPU62607v	Total number of cigarettes purchased (derived)
cPU62621v	Price paid for total cigarette purchase in local currency units (derived)
cPU62623v	Price paid per cigarette in local currency units (derived)
cPU62605v	Number of cigarettes per pack (derived)
cPU62603v	Total number of cigarette packs purchased (derived)
cLP62244v	Total number of bidis purchased (derived)
cLP62245v	Price paid for total bidi purchase in local currency units (derived)
cLP62246v	Price paid per bidi in local currency unigs (derived)
cLP62243v	Number of bidis per pack (derived)
cLP62242v	Total bidi packs purchased (derived)
cLP62638v	Total weight (in grams) of smokeless purchased (derived)
cLP61636v	Total number of smokeless pouches purchased (derived)
cLP62637v	Total containers of smokeless purchased (derived)
cLP62662v	Price paid per gram in local currency units (derived)
cLP62642v	Price paid per pouch in local currency units (derived)
cLP62652v	Price paid per container in local currency units (derived)
cPU62627v	Price paid per cigarette in US dollars, purchasing power parity (derived)
cPU62625v	Price paid for total cigarette purchase in US dollars, purchasing power parity (derived)
cLP62248v	Price paid per bidi in US dollars, purchasing power parity (derived)
cLP62247v	Price paid for total bidi purchase in US dollars, purchasing power parity (derived)
cLP62663v	Price paid per pouch gram in US dollars, purchasing power parity
cLP62643v	Price paid per pouch of smokeless tobacco in US dollars, purchasing power parity
cLP62653v	Price paid per container in US dollars, purchasing power parity (derived)

Table 90: Derived Variables for wave 3 of the ITC Bangladesh (BD) Survey. (b)

cDE62915v - Wave 3 cross-sectional inflation weight

cDE62919v - Wave 3 rescaled cross-sectional weight

cDE62921v - Longitudinal weight for M1-M2-M3 continuers

cDE62923v - Longitudinal weight for M2/P2-M3 continuers

cDE62951v - Rescaled longitudinal weight for M1-M2-M3 continuers

cDE62953v - Rescaled longitudinal weight for M2/P2-M3 continuers

cTF62998v - tobacco use status

- 1 Exclusively cigarettes
- 2 Exclusively bidi
- 3 Dual user
- 4 Predominantly bidi
- 5 Predominantly cigarettes
- 6 Mixed
- 7 Smokeless
- 8 Quitter
- 9 Non-user

cDE62212v - household income per month (derived)

- 1 < 5,000 taka
- 2 5,000 to < 10,000 taka
- 3 \geq 10,000 taka
- 9 not reported

cDE62311v - highest level of education (derived based on self-report only)

- 1 Illiterate
- 2 1 to 8 years
- 3 9 years or more

cDE62312v - highest level of education (derived, adjusting for previous reports; see release notes)

- 1 Illiterate
- 2 1 to 8 years
- 3 9 years or more

cFR62309v - Cigarette smoking status (derived)

- 1 daily

4.4 Bangladesh BD

- 2 weekly
- 3 less than weekly
- 4 quit cig in last 30 days
- 5 quit cig 1-5 months ago
- 6 quit cig 6 months ago or longer
- 7 quit duration unknown

cFR62245v - Cigarettes smoked per day (derived)

Continuous

cFR62250v - Cigarettes smoked per day (derived categorical measure)

- 0 ≤ 10 cig/day
- 1 11-20 cig/day
- 2 21-30 cig/day
- 3 31+ cig/day

cTF62309v - Bidi smoking status (derived)

- 1 daily
- 2 weekly
- 3 less than weekly
- 4 quit bidi in last 30 days
- 5 quit bidi 1-5 months ago
- 6 quit bidi 6 months ago or longer
- 7 quit duration unknown

cTF62045v - Bidis smoked per day (derived)

Continuous

cTF62050v - Bidis smoked per day (derived categorical measure)

- 0 ≤ 10 bidi/day
- 1 11-20 bidi/day
- 2 21-30 bidi/day
- 3 31+ bidi/day

cTF62046v - Total cig + bidi smoked per day, dual & mixed users (derived)

Continuous

cTF62051v - Total cig + bidi smoked per day, dual & mixed users (derived categorical measure)

- 0 ≤ 10 sticks/day

4.4 Bangladesh BD

- 1 11-20 sticks/day
- 2 21-30 sticks/day
- 3 31+ sticks/day

cTF62741v - Smokeless status (derived)

- 1 Daily user
- 2 Less than daily user
- 3 Less than weekly user
- 4 Quit SL in last 30 days
- 5 Quit SL 1-5 months ago
- 6 Quit SL 6 months ago or longer

cTF62745v - Smokeless per day (derived)

Continuous

cTF62750v - Smokeless per day (derived categorical measure)

- 0 <= 10 per day
- 1 11-20 per day
- 2 21-30 per day
- 3 31+ per day

cSB62013v - Time (in minutes) to first smoked tobacco of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

cSB62923v - Time (in minutes) to first smokeless tobacco of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

cBQ62150v - Intention to quit smoking cigarettes (derived)

- 0 Does not plan to quit
- 1 Plans to quit at some time
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

cTQ62250v - Intention to quit smoking bidis (derived)

- 0 Does not plan to quit
- 1 Plans to quit at some time
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

cTQ62750v - Intention to quit using smokeless (derived)

- 0 Does not plan to quit
- 1 Plans to quit at some time
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

cQA62231v - Tried to quit smoking cigarettes in past year (12 months) (derived)

- 1 Tried to quit in past year (12 months)
- 2 No attempt to quit

cAQ62165v - Tried to quit smoking bidis in past year (12 months) (derived)

- 1 Tried to quit in past year (12 months)
- 2 No attempt to quit

cTQ62665v - Tried to quit smokeless tobacco in past year (12 months) (derived)

- 1 Tried to quit in past year (12 months)
- 2 No attempt to quit

cPU62607v - Total number of cigarettes purchased (derived)

Continuous

cPU62621v - Price paid for total cigarette purchase in local currency units (derived)

Continuous

cPU62623v - Price paid per cigarette in local currency units (derived)

Continuous

cPU62605v - Number of cigarettes per pack (derived)

Continuous

cPU62603v - Total number of cigarette packs purchased (derived)

Continuous

cLP62244v - Total number of bidis purchased (derived)

Continuous

cLP62245v - Price paid for total bidi purchase in local currency units (derived)

Continuous

cLP62246v - Price paid per bidi in local currency units (derived)

Continuous

cLP62243v - Number of bidis per pack (derived)

Continuous

cLP62242v - Total bidi packs purchased (derived)

Continuous

cLP62638v - Total weight (in grams) of smokeless purchased (derived)

Continuous

cLP61636v - Total number of smokeless pouches purchased (derived)

Continuous

cLP62637v - Total containers of smokeless purchased (derived)

Continuous

cLP62662v - Price paid per gram in local currency units (derived)

Continuous

cLP62642v - Price paid per pouch in local currency units (derived)

Continuous

cLP62652v - Price paid per container in local currency units (derived)

Continuous

cPU62627v - Price paid per cigarette in US dollars, purchasing power parity (derived)

Continuous

cPU62625v - Price paid for total cigarette purchase in US dollars, purchasing power parity (derived)

Continuous

cLP62248v - Price paid per bidi in US dollars, purchasing power parity (derived)

Continuous

cLP62247v - Price paid for total bidi purchase in US dollars, purchasing power parity (derived)

Continuous

cLP62663v - Price paid per pouch gram in US dollars, purchasing power parity

Continuous

cLP62643v - Price paid per pouch of smokeless tobacco in US dollars, purchasing power parity

Continuous

cLP62653v - Price paid per container in US dollars, purchasing power parity (derived)

Continuous

4.4.5 Bangladesh BD4

The ITC Bangladesh BD4 study was conducted from October 12, 2014 to April 16, 2015. For more information see the technical report which can be found [here](#). Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
dTF62998v	tobacco use status (derived)
dDE62915v	Wave 4 cross-sectional inflation weight
dDE62919v	Wave 4 rescaled cross-sectional inflation weight
dDE62921v	Longitudinal weight for M1-M2-M3-M4 continuers
dDE62923v	Longitudinal weight for M2/P2-M3-M4 continuers
dDE62925v	Longitudinal weight for M3/P3-M4 continuers
dDE62951v	Rescaled longitudinal weight for M1-M2-M3-M4 continuers
dDE62953v	Rescaled longitudinal weight for M2/P2-M3-M4 continuers
dDE62955v	Rescaled longitudinal weight for M3/P3-M4 continuers
dFR62309v	Cigarette smoking status (derived)
dFR62245v	Cigarettes smoked per day (derived)
dFR62250v	Cigarettes smoked per day (derived categorical measure)
dTF62309v	Bidi smoking status (derived)
dTF62045v	Bidis smoked per day (derived)
dTF62050v	Bidis smoked per day (derived categorical measure)
dTF62046v	Total cig + bidi smoked per day, dual & mixed users (derived)
dTF62051v	Total cig + bidi smoked per day, dual & mixed users (derived categorical measure)
dTF62741v	Smokeless status (derived)
dTF62745v	Smokeless per day (derived)
dTF62750v	Smokeless per day (derived categorical measure)
dSB62013v	Time (in minutes) to first cigarette of the day (derived)
dSB62923v	Time (in minutes) to first smokeless tobacco of the day (derived)
dFR62260v	Heaviness of smoking index (derived)
dQA62231v	Tried to quit smoking cigarettes in past year (12 months) (derived)
dAQ62165v	Tried to quit smoking bidis in past year (12 months) (derived)
dAQ62665v	Tried to quit smokeless in past year (12 months) (derived)
dPU62607v	Total number of cigarettes purchased (derived)
dPU62621v	Price paid for total cigarette purchase in local currency units (derived)
dPU62623v	Price paid per cigarette in local currency units (derived)
dLP62244v	Total number of bidis purchased (derived)

Table 91: Derived Variables for wave 4 of the ITC Bangladesh (BD) Survey. (a)

Variable Name	Label
dLP62245v	Price paid for total bidi purchase in local currency units (derived)
dLP62246v	Price paid per bidi in local currency units (derived)
dLP62638v	Total weight (in grams) of smokeless purchased (derived)
dLP61636v	Total number of smokeless pouches purchased (derived)
dLP62637v	Total containers of smokeless purchased (derived)
dLP62662v	Price paid per gram in local currency units (derived)
dLP62642v	Price paid per pouch in local currency units (derived)
dLP62652v	Price paid per container in local currency units (derived)
dDE62211v	household income per month (categories, derived)
dDE62212v	household income per month (aggregated categories, derived)
dDE62311v	Highest level of education (derived, naive version)
dDE62312v	Highest level of education (derived, consistent version)
dSB62943v	Time (in minutes) to first bidi of the day (derived)
dBQ62150v	Intention to quit smoking cigarettes (derived)
dTQ62250v	Intention to quit smoking bidis (derived)
dTQ62750v	Intention to quit using smokeless (derived)

Table 92: Derived Variables for wave 4 of the ITC Bangladesh (BD) Survey. (b)

dTF62998v - tobacco use status (derived)

- 1 Exclusively cigarettes
- 2 Exclusively bidi
- 3 Dual user
- 4 Predominantly bidi
- 5 Predominantly cigarettes
- 6 Mixed
- 7 Smokeless
- 8 Quitter
- 9 Non-user

dDE62915v - Wave 4 cross-sectional inflation weight

dDE62919v - Wave 4 rescaled cross-sectional inflation weight

dDE62921v - Longitudinal weight for M1-M2-M3-M4 continuers

dDE62923v - Longitudinal weight for M2/P2-M3-M4 continuers

dDE62925v - Longitudinal weight for M3/P3-M4 continuers

dDE62951v - Rescaled longitudinal weight for M1-M2-M3-M4 continuers

dDE62953v - Rescaled longitudinal weight for M2/P2-M3-M4 continuers

dDE62955v - Rescaled longitudinal weight for M3/P3-M4 continuers

dFR62309v - Cigarette smoking status (derived)

- 1 daily
- 2 weekly
- 3 less than weekly
- 4 quit cig in last 30 days
- 5 quit cig 1-5 months ago
- 6 quit cig 6 months ago or longer
- 7 quit duration unknown

dFR62245v - Cigarettes smoked per day (derived)

Continuous

dFR62250v - Cigarettes smoked per day (derived categorical measure)

- 0 \leq 10 cig/day
- 1 11-20 cig/day

4.4 Bangladesh BD

2 21-30 cig/day

3 31+ cig/day

dTF62309v - Bidi smoking status (derived)

1 daily

2 weekly

3 less than weekly

4 quit bidi in last 30 days

5 quit bidi 1-5 months ago

6 quit bidi 6 months ago or longer

7 quit duration unknown

dTF62045v - Bidis smoked per day (derived)

Continuous

dTF62050v - Bidis smoked per day (derived categorical measure)

0 \leq 10 bidi/day

1 11-20 bidi/day

2 21-30 bidi/day

3 31+ bidi/day

dTF62046v - Total cig + bidi smoked per day, dual & mixed users (derived)

Continuous

dTF62051v - Total cig + bidi smoked per day, dual & mixed users (derived categorical measure)

0 \leq 10 sticks/day

1 11-20 sticks/day

2 21-30 sticks/day

3 31+ sticks/day

dTF62741v - Smokeless status (derived)

1 daily

2 weekly

3 less than weekly

4 quit smokeless in last 30 days

5 quit smokeless 1-5 months ago

6 quit smokeless 6 months ago or longer

7 quit duration unknown

dTF62745v - Smokeless per day (derived)

Continuous

dTF62750v - Smokeless per day (derived categorical measure)

0 <= 10 per day

1 11-20 per day

2 21-30 per day

3 31+ per day

dSB62013v - Time (in minutes) to first cigarette of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

dSB62923v - Time (in minutes) to first smokeless tobacco of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

dFR62260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dQA62231v - Tried to quit smoking cigarettes in past year (12 months) (derived)

1 Tried to quit in past year (12 months)

2 No attempt to quit

dAQ62165v - Tried to quit smoking bidis in past year (12 months) (derived)

1 Tried to quit in past year (12 months)

2 No attempt to quit

dAQ62665v - Tried to quit smokeless in past year (12 months) (derived)

1 Tried to quit in past year (12 months)

2 No attempt to quit

dPU62607v - Total number of cigarettes purchased (derived)

Continuous

dPU62621v - Price paid for total cigarette purchase in local currency units (derived)

Continuous

dPU62623v - Price paid per cigarette in local currency units (derived)

Continuous

dLP62244v - Total number of bidis purchased (derived)

Continuous

dLP62245v - Price paid for total bidi purchase in local currency units (derived)

Continuous

dLP62246v - Price paid per bidi in local currency units (derived)

Continuous

dLP62638v - Total weight (in grams) of smokeless purchased (derived)

Continuous

dLP61636v - Total number of smokeless pouches purchased (derived)

Continuous

dLP62637v - Total containers of smokeless purchased (derived)

Continuous

dLP62662v - Price paid per gram in local currency units (derived)

Continuous

dLP62642v - Price paid per pouch in local currency units (derived)

Continuous

dLP62652v - Price paid per container in local currency units (derived)

Continuous

dDE62211v - household income per month (categories, derived)

- 1 Less than 5,000 Taka
- 2 5,000-10,000 Taka
- 3 10,000-15,000 Taka
- 4 15,000-20,000 Taka
- 5 20,000+ Taka
- 8 REFUSED
- 9 DON'T KNOW

dDE62212v - household income per month (aggregated categories, derived)

- 1 < 5,000 taka
- 2 5,000 to < 10,000 taka
- 3 >= 10,000 taka
- 9 not reported

dDE62311v - Highest level of education (derived, naive version)

- 1 Illiterate
- 2 1 to 8 years
- 3 9 years or more

dDE62312v - Highest level of education (derived, consistent version)

- 1 Illiterate
- 2 1 to 8 years
- 3 9 years or more

dsB62943v - Time (in minutes) to first bidi of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

dBQ62150v - Intention to quit smoking cigarettes (derived)

- 0 Does not plan to quit
- 1 Plans to quit at some time

4.4 Bangladesh BD

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

dTQ62250v - Intention to quit smoking bidis (derived)

0 Does not plan to quit

1 Plans to quit at some time

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

dTQ62750v - Intention to quit using smokeless (derived)

0 Does not plan to quit

1 Plans to quit at some time

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

4.5 Brazil BR

The International Tobacco Control (ITC) Brazil (BR) survey had 3 waves of data collection that were conducted between 2009 and 2017.

4.5.1 BR Core

Variable Name	Description
country	ITC Country Code : 57 - BR
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
inM1	Respondent was recruited in Wave 1
aStrata	Strata (City) of Respondent at Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
bStrata	Strata (City) of Respondent at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
cStrata	Strata (City) of Respondent at Wave 3

Table 93: Derived Variables for the core dataset at wave 3 of the ITC Brazil (BR) Survey.

4.5 Brazil BR

country - ITC Country Code : 57 - BR

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent (Continuous)

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55+

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

aStrata - Strata (City) of Respondent at Wave 1

1 Rio De Janeiro

2 Sao Paulo

3 Porto Alegre

inM2 - Respondent was recontacted at Wave 2

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

bStrata - Strata (City) of Respondent at Wave 2

1 Rio De Janeiro

2 Sao Paulo

3 Porto Alegre

inM3 - Respondent was recontacted at Wave 3

- 0 Absent/excluded at current wave
- 1 Present/included at current wave
- 7 NA

inP3 - Respondent was recruited via replenishment at Wave 3

- 0 Absent/excluded at current wave
- 1 Present/included at current wave
- 7 NA

cStrata - Strata (City) of Respondent at Wave 3

- 1 Rio De Janeiro
- 2 Sao Paulo
- 3 Porto Alegre

4.5.2 Brazil BR1

The ITC Brazil BR1 study was conducted in 2009 from March 26 to June 10. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE57915v	wave 1 cross-sectional inflation weights
aDE57919v	wave 1 rescaled cross-sectional weights
aFR57309v	Q.036a — smoking status
aFR57245v	Cigarettes per Day – Continuous
aFR57250v	Cigarettes per Day – Categorical
aFR57260v	Heaviness of Smoking Index (HSI)
aSB57012v	Total min to first cig after waking - continuous
aSB57013v	Total min to first cig after waking - categorical
aQA57106v	Composite – Any quit attempts, ever (QA101+QA106)
aQA57231v	Composite – Time since end of most recent QA in months
aQA57235v	Composite – Time smoke-free on most recent QA, in months

Table 94: Derived Variables for wave 1 of the ITC Brazil (BR) Survey.

4.5 *Brazil BR*

aDE57915v - wave 1 cross-sectional inflation weights

aDE57919v - wave 1 rescaled cross-sectional weights

aFR57309v - Q.036a — smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit 6-12 months ago
- 7 Quit >12 months ago
- 9 Recruited as non-smoker and still a non-smoker

aFR57245v - Cigarettes per Day – Continuous

Continuous

aFR57250v - Cigarettes per Day – Categorical

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

aFR57260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aSB57012v - Total min to first cigarette after waking

Continuous

aSB57013v - Total min to first cigarette after waking - categorical

- 0 Greater than 60 min
- 1 30 to 60 min
- 2 15 to 30 min
- 3 Less than 15 min

aQA57106v - Composite – Any quit attempts, ever (QA101+QA106)

- 0 no

1 yes

7 NA

8 Refused

9 DK

aQA57231v - Composite – Time since end of most recent quit attempt in months

Continuous

aQA57235v - Composite – Time smoke-free on most recent quit attempt, in months

Continuous

4.5.3 Brazil BR2

The ITC Brazil BR2 study was conducted from October 16, 2012 to February 8, 2013. For more information see the technical report which can be found [here](#).

Variable Name	Label
bDE57915v	wave 2 inflation cross-sectional weights
bDE57919v	wave 2 rescaled cross-sectional weights
bDE57921v	waves 1-2 longitudinal inflation weights
bDE57923v	waves 1-2 longitudinal rescaled weights
bQA57442v	last QA, start (derived)
bQA57236v	QA57236v... last QA, length (derived)
bQA57235v	QA57235v... time smoke-free on most recent QA, in days.
bQA57553V	QA57553v... longest QA after LSD, duration (derived)
bQA57444V	QA57444v... smoking less than monthly how long (derived)
bFR57309v	FR57309v... smoking status
bFR57245v	FR57245v... CPD (cigs per day)
bFR57250v	FR57250v... CPD (cigs per day) – categories
bSB57012v	Total min to first cig after waking - continuous
bSB57013v	Total min to first cig after waking - categorical
bFR57260v	Heaviness of Smoking Index (HSI)
bQA57106v	any quit attempt, ever - derived
bQA57231v	QA57231v... days since end of most recent QA-derived

Table 95: Derived Variables for wave 2 of the ITC Brazil (BR) Survey.

bDE57915v - wave 2 inflation cross-sectional weights

bDE57919v - wave 2 rescaled cross-sectional weights

bDE57921v - waves 1-2 longitudinal inflation weights

bDE57923v - waves 1-2 longitudinal rescaled weights

bQA57442v - last quit attempt, start (derived)

Continuous

bQA57236v - QA57236v... last quit attempt, length (derived)

Continuous

bQA57235v - QA57235v... time smoke-free on most recent quit attempt, in days.

Continuous

bQA57553V - QA57553v... longest quit attempt after LSD, duration (derived)

Continuous

bQA57444V - QA57444v... smoking less than monthly how long (derived)

Continuous

bFR57309v - FR57309v... smoking status

If FR301=1 then FR309v = FR309v at LSD.

Otherwise:

1 Daily smoker (if QA711 OR FR306 OR FR307=1).

2 Weekly smoker (if QA711 OR FR306 OR FR307=2).

3 Monthly (if QA711=3 OR FR306=3-4 OR FR307=3).

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if [QA444v (FR306=5)/ QA442v (otherwise)] ≤ 30.44).

5 Quit 1-6 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 30.44 and ≤ 182.64).

6 Quit 6-12 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 182.64 and ≤ 365.28).

7 Quit > 12 months ago (if [QA444v (FR306=5)/ QA442v (otherwise)] > 365.28).

9 Recruited as non-smoker and still a non-smoker

bFR57245v - FR57245v... CPD (cigarettes per day)

Continuous

bFR57250v - FR57250v... CPD (cigarettes per day) – categories

0 1-10 cigarettes

4.5 *Brazil BR*

- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

bSB57012v - Total min to first cigarette after waking

Continuous

bSB57013v - Total min to first cigarette after waking - categorical

- 0 Greater than 60 min
- 1 30 to 60 min
- 2 15 to 30 min
- 3 Less than 15 min

bFR57260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bQA57106v - any quit attempt, ever - derived

Continuous

bQA57231v - QA57231v... days since end of most recent quit attempt-derived

Continuous

4.5.4 **Brazil BR3**

The ITC Brazil BR3 study was conducted from September 27, 2016 to March 1, 2017. For more information see the technical report which can be found [here](#). For Information about sample weighting see the weight document which can be found [here](#).

Variable Name	Label
cDE57915v	wave 3 inflation cross-sectional weights
cDE57919v	wave 3 rescaled cross-sectional weights
cDE57921v	waves 1-2-3 longitudinal inflation weights
cDE57923v	waves 1-2-3 longitudinal rescaled weights
cDE57925v	waves 2-3 longitudinal inflation weights
cDE57927v	waves 2-3 longitudinal rescaled weights
cFR57309v	smoking status (derived)
cFR57305	simplified smoking status (derived)
cFR57245v	CPD (cigs per day)
cFR57250v	CPD (cigs per day) – categories
cSB57012v	Total min to first cig after waking - continuous
cSB57013v	Total min to first cig after waking - categorical
cFR57260v	Heaviness of Smoking Index (HSI)
cQA57331v	any attempts to quit (including current) since LSD (derived, recontact only)
cQA57442v	# of days since start of last QA(derived)
cQA57106v	any quit attempts, ever (derived, replenishment only)
cQA57231v	# of days since the end of last QA (derived, replenishment only)
cQA57236v	# of days stay smoke-free on most recent QA (derived)
cQA57553v	longest QA after LSD, duration in days (derived)
cQA57444v	smoking less than monthly how long (derived)
nadults	number 18+ in household (derived)
nsmokers	number 18+ who currently smoke (derived)

Table 96: Derived Variables for wave 3 of the ITC Brazil (BR) Survey.

4.5 Brazil BR

cDE57915v - wave 3 inflation cross-sectional weights

cDE57919v - wave 3 rescaled cross-sectional weights

cDE57921v - waves 1-2-3 longitudinal inflation weights

cDE57923v - waves 1-2-3 longitudinal rescaled weights

cDE57925v - waves 2-3 longitudinal inflation weights

cDE57927v - waves 2-3 longitudinal rescaled weights

cFR57309v - smoking status (derived)

If FR301=1 then FR309v = FR309v at LSD.

Otherwise:

SMOKER:

1 Daily smoker (if QA711 OR FR307=1).

2 Weekly smoker (if QA711 OR FR307=2).

3 Monthly smoker (if QA711=3 OR FR307=3-4).

QUITTER:

If QA701=2 OR QA706=1 OR QA711=4 OR FR307=5:

4 Quit in the last 30 days (if [QA444v (FR307=5)/ QA442v (otherwise)] ≤ 30.44).

5 Quit 1-6 months ago (if [QA444v (FR307=5)/ QA442v (otherwise)] > 30.44 and ≤ 182.64).

6 Quit 6-12 months ago (if [QA444v (FR307=5)/ QA442v (otherwise)] > 182.64 and ≤ 365.28).

7 Quit > 12 months ago (if [QA444v (FR307=5)/ QA442v (otherwise)] > 365.28).

NON-SMOKER:

9 Recruited as non-smoker and still a non-smoker (QA338=2 or FR231=2).

cFR57305 - simplified smoking status (derived)

1 Smoker

2 Nonsmoker

3 Quitter

cFR57245v - CPD (cigarettes per day)

Continuous

cFR57250v - CPD (cigarettes per day) – categories

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 More than 31 cigarettes

cSB57012v - Total min to first cigarettes after waking

Continuous

cSB57013v - Total min to first cigarettes after waking - categorical

0 Greater than 60 min

1 30 to 60 min

2 15 to 30 min

3 Less than 15 min

cFR57260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cQA57331v - any attempts to quit (including current) since LSD (derived, recontact only)

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

cQA57442v - number of days since start of last quit attempt (derived)

Continuous

cQA57106v - any quit attempts, ever (derived, replenishment only)

Continuous

cQA57231v - number of days since the end of last quit attempt (derived, replenishment only)

Continuous

cQA57236v - number of days stay smoke-free on most recent quit attempt (derived)

Continuous

cQA57553v - longest quit attempt after LSD, duration in days (derived)

Continuous

cQA57444v - smoking less than monthly how long (derived)

Continuous

nadults - number 18+ in household (derived)

4.5 Brazil BR

Continuous

nsmokers - number 18+ who currently smoke (derived)

Continuous

4.6 Bhutan BT

The International Tobacco Control (ITC) Bhutan (BT) survey had 1 wave of data collection that was conducted in 2009.

4.6.1 BT Core

Variable Name	Description
<code>cohort</code>	Wave of Recruitment of Respondent
<code>sex</code>	Gender of Respondent
<code>age</code>	Age at Recruitment of Respondent (Continuous)
<code>agegrp</code>	Age at Recruitment of Respondent (Categorical)
<code>inM1</code>	Respondent was recruited in Wave 1
<code>DZONGKHAG</code>	dzongkhag/district
<code>URBANRURAL</code>	urban/rural
<code>GEWOG</code>	gewog
<code>EA</code>	EA
<code>TOTALHOUSE</code>	population of household
<code>NOMALEUSER</code>	# of male smokers
<code>NOFEMALEUS</code>	# of female smokers
<code>NOMALENEVE</code>	# of male non/ex-smokers
<code>NOFEMALENE</code>	# of female non/ex-smokers
<code>aflag_orimain</code>	smoking type in main survey
<code>aflag_orisc</code>	smoking type in screener survey

Table 97: Derived Variables for the core dataset at wave 1 of the ITC Bhutan (BT) Survey.

4.6 *Bhutan BT*

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-55

4 55+

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded at current wave

1 Present/included at current wave

7 NA

DZONGKHAG - dzongkhag/district

1 Bumthang

2 Chukha

14 Thimphu

15 Trashigang

URBANRURAL - urban/rural

Continuous

GEWOG - gewog

Continuous

EA - EA

Continuous

TOTALHOUSE - population of household

Continuous

NOMALEUSER - # of male smokers

Continuous

4.6 Bhutan BT

NOFEMALEUS - # of female smokers

Continuous

NOMALENEVE - # of male non/ex-smokers

Continuous

NOFEMALENE - # of female non/ex-smokers

Continuous

aflag_orimain - smoking type in main survey

Continuous

aflag_orisc - smoking type in screener survey

Continuous

4.6.2 Bhutan BT1

The ITC Bhutan BT1 study was conducted in 2009 from September 23 to November 3. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE64915v	Wave 1 cross-sectional weight
aDE64919v	Wave 1 rescaled cross-sectional weight
aDE64910v	Wave 1 screener weight

Table 98: Derived Variables for wave 1 of the ITC Bhutan (BT) Survey.

4.6 Bhutan BT

aDE64915v - Wave 1 cross-sectional weight

aDE64919v - Wave 1 rescaled cross-sectional weight

aDE64910v - Wave 1 screener weight

4.7 China CN

The International Tobacco Control (ITC) China (CN) survey had 5 waves of data collection that were conducted between 2006 and 2015. All waves in this study have separate samples which means that they have separate data sets for smokers (smk) and non-smokers (nsmk).

4.7.1 CN Core

Variable Name	Description
country	ITC Country Code : 31 - CN
cohort	Wave of Recruitment of Respondent
city	City of Respondent at Recruitment
sex	Gender of Respondent
BirthYr	Respondent Year of Birth
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
ethnic	Ethnicity of Respondent
rSmoke	Smoking status when recruited
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
inM5	Respondent was recontacted at Wave 5
inP5	Respondent was recruited via replenishment at Wave 5
Strata	Strata of Respondent at Wave 1
psu1	first stage cluster (Jie Dao)
psu2	second stage cluster (Ju Wei Hui)

Table 99: Derived Variables for the core dataset at wave 5 of the ITC China (CN) Survey.

4.7 *China CN*

country - ITC Country Code : 31 - CN

cohort - Wave of Recruitment of Respondent

city - City of Respondent at Recruitment

1100 Beijing

1404 changzhi

2101 Shenyang

2307 yichun

3100 Shanghai

3305 huzhou

4301 Changsha

4401 Guangzhou

5206 tongren

5301 Kunming

6301 xining

6401 Yinchuan

sex - Gender of Respondent

1 male

2 female

BirthYr - Respondent Year of Birth

Continuous

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55+

ethnic - Ethnicity of Respondent

0 Others

1 Han

rSmoke - Smoking status when recruited

4.7 *China CN*

- 1 Daily smoker
- 2 Weekly smoker
- 3 Nonsmoker
- 4 Quitter

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM5 - Respondent was recontacted at Wave 5

inP5 - Respondent was recruited via replenishment at Wave 5

inM1, inM2, inP2, inM3, inP3, inM4, inP4, inM5, and inP5 all have the following values:

- 0 Absent/excluded
- 1 Present/included
- 7 NA

Strata - Strata of Respondent at Wave 1

Continuous

psu1 - first stage cluster (Jie Dao)

Continuous

psu2 - second stage cluster (Ju Wei Hui)

Continuous

4.7.2 **China CN1**

The ITC China CN1 study was conducted in 2006 from April to August. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
aFR31310v	Smoking Status in Wave 1
aDE31915v	Wave 1 cross-sectional weight
aDE31919v	Wave 1 rescaled cross-sectional weight
aFR31309v	calculated, not asked – Smoking Status
aFR31245v	Cigarettes per day, continuous
aFR31250v	Cigarettes per day, categorical
aFR31260v	Heaviness of smoking index
aFR31333v	Use of factory-made vs roll-your-own cigarettes
aBR31405v	derived tar level of 1st brand
aSB31013v	Time to first cigarette (minutes), categorical
aST31201v	Number of other tobacco products used daily in last month
aST31202v	Number of other tobacco products used less than daily in last month
aNR31001v	Number of NRT meds used over 1 year ago
aNR31002v	Number of NRT meds used in last year
aNR31811v	Received advice from doctor to quit, overall
aNR31813v	Referral form doctor to quit, overall
aNR31817v	Quitting pamphlet from doctor to quit, overall
aAD31105v	Participate in Quit & Win, overall
aAD31111v	Quit & Win made you think about quitting, overall
aBQ31150v	Intention to quit
aDE31212v	Standardized Income
aDE31312v	Standardized Education

Table 100: Derived Variables for wave 1 of the ITC China (CN) Survey.

4.7 *China CN*

aFR31310v - Smoking Status in Wave 1

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

aDE31915v - Wave 1 cross-sectional weight

aDE31919v - Wave 1 rescaled cross-sectional weight

aFR31309v - calculated, not asked – Smoking Status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 quit since last wave

aFR31245v - Cigarettes per day

Continuous

aFR31250v - Cigarettes per day, categorical

- 0 0-10 cigs
- 1 11-20 cigs
- 2 21-30 cigs
- 3 31+ cigs
- 9 DK

aFR31260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aFR31333v - Use of factory-made vs roll-your-own cigarettes

- 1 Exclusively factory-made
- 2 Mostly factory-made
- 3 Both about the same
- 4 Mostly roll-your-own
- 5 Exclusively roll-your-own

aBR31405v - derived tar level of 1st brand

Continuous

aSB31013v - Time to first cigarette (minutes), categorical

0 61+ min

1 31-60 min

2 6-30 min

3 ≤ 5 min

aST31201v - Number of other tobacco products used daily in last month

Continuous

aST31202v - Number of other tobacco products used less than daily in last month

Continuous

aNR31001v - Number of NRT meds used over 1 year ago

Continuous

aNR31002v - Number of NRT meds used in last year

Continuous

aNR31811v - Received advice from doctor to quit, overall

1 Yes

2 No

8 Refused

9 Don't know

aNR31813v - Referral from doctor to quit, overall

1 Yes

2 No

8 Refused

9 Don't know

aNR31817v - Quitting pamphlet from doctor to quit, overall

1 Yes

2 No

8 Refused

9 Don't know

aAD31105v - Participate in Quit & Win, overall

4.7 China CN

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aAD31111v - Quit & Win made you think about quitting, overall

- 1 Yes
- 2 No
- 8 Refused
- 9 Don't know

aBQ31150v - Intention to quit

- 0 No intention to quit
- 1 Any intention to quit

aDE31212v - Standardized Income

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

aDE31312v - Standardized Education

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

4.7.3 China CN2

The ITC China CN2 study was conducted from October 22, 2007 to January 21, 2008. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
bFR31310v	Smoking Status in Wave 2
bDE31915v	Wave 2 cross-sectional weight for M2-P2
bDE31919v	Wave 2 rescaled cross-sectional weight
bDE31920v	Waves 12 longitudinal weights
bDE31921v	Waves 12 rescaled longitudinal weights
bFR31309v	calculated, not asked – Smoking Status
bFR31245v	Derived – cigs per day – continuous (CPD)
bFR31250v	Derived – cigs per day – categories (CPD)
bFR31260v	Heaviness of Smoking Index (HSI)
bBR31405v	Derived – tar level of 1st brand
bBR31711OV	recode of BR31711o
bBR31712OV	recode of BR31712o
bBR31713OV	recode of BR31713o
bBR31714OV	recode of BR31714o
bPU31241V	recode of PU31241
bPU31341V	recode of PU31341
bPU31596AV	recode of PU31596a
bPU31596BV	recode of PU31596b
bPU31620AV	Imputed Q.035a — amount saved by special efforts to get cheap cigs (pk)
bPU31620BV	Imputed Q.035b — amount saved by special efforts to get cheap cigs (ct)
bSB31013v	Derived – Time to the first cig – categories
bQA31101v	Derived – ever had any quit attempts
bQA31331v	Derived – Since LSD, any attempts to quit

Table 101: Derived Variables for wave 2 of the ITC China (CN) Survey. (a)

Variable Name	Label
bDI31731V	recode of DI31731
bDI31732V	recode of DI31732
bDI31733V	recode of DI31733
bDI31734V	recode of DI31734
bDI31735V	Imputed Q.120e — number of liang of high-alcohol liquor
bDI31736V	Imputed Q.120f — number of liang of yellow wine, rice wine
bDE31212v	Derived – Standardized Income
bDE31312v	Derived – Standardized Education
bQA31442v	Derived – when did you last quit-composite in months

Table 102: Derived Variables for wave 2 of the ITC China (CN) Survey. (b)

4.7 *China CN*

bFR31310v - Smoking Status in Wave 2

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

bDE31915v - Wave 2 cross-sectional weight for M2-P2

bDE31919v - Wave 2 rescaled cross-sectional weight

bDE31920v - Waves 12 longitudinal weights

bDE31921v - Waves 12 rescaled longitudinal weights

bFR31309v - calculated, not asked – Smoking Status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 quit since last wave

bFR31245v - Derived – cigarettes per day (CPD)

Continuous

bFR31250v - Derived – cigarettes per day – categories (CPD)

- 0 0-10 cigs
- 1 11-20 cigs
- 2 21-30 cigs
- 3 31+ cigs
- 9 DK

bFR31260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bBR31405v - Derived – tar level of 1st brand

Continuous

bBR31711OV - recode of BR31711o

4.7 China CN

bBR31712OV - recode of BR31712o

bBR31713OV - recode of BR31713o

bBR31714OV - recode of BR31714o

bPU31241V - recode of PU31241

bPU31341V - recode of PU31341

bPU31596AV - recode of PU31596a

bPU31596BV - recode of PU31596b

bPU31620AV - Imputed Q.035a — amount saved by special efforts to get cheap cigs (pk)

Continuous

bPU31620BV - Imputed Q.035b — amount saved by special efforts to get cheap cigs (ct)

Continuous

bSB31013v - Derived – Time to the first cig – categories

0 61+ min

1 31-60 min

2 6-30 min

3 <= 5 min

bQA31101v - Derived – ever had any quit attempts

1 Yes

2 No

8 Refused

9 Don't know

bQA31331v - Derived – Since LSD, any attempts to quit

1 Yes

2 No

8 Refused

9 Don't know

bDI31731V - recode of DI31731

bDI31732V - recode of DI31732

bDI31733V - recode of DI31733

bDI31734V - recode of DI31734

bDI31735V - Imputed Q.120e — number of liang of high-alcohol liquor

Continuous

bDI31736V - Imputed Q.120f — number of liang of yellow wine, rice wine

Continuous

bDE31212v - Derived – Standardized Income

1 Low

2 Moderate

3 High

4 Not Stated

bDE31312v - Derived – Standardized Education

1 Low

2 Moderate

3 High

4 Not Stated

bQA31442v - Derived – when did you last quit-composite in months

Continuous

4.7.4 China CN3

The ITC China CN3 study was conducted in 2009 from May 11 to October 15 (with a re-collection that took place in some cities from January 4 to April 12, 2010). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
cFR31310v	Smoking Status smoker/nonsmoker/quitter
cDE31915v	Wave 3 cross-sectional weight for M3-P3
cDE31919v	Wave 3 rescaled cross-sectional weight
cDE31920v	Waves 123 longitudinal weights
cDE31921v	Waves 123 rescaled longitudinal weights
cDE31922v	Waves 23 longitudinal weights
cDE31923v	Waves 23 rescaled longitudinal weights
cFR31309v	calculated, not asked – Smoking Status
cFR31245v	Derived – cigs per day – continuous (CPD)
cFR31250v	Derived – cigs per day – categories (CPD)
cFR31260v	Heaviness of Smoking Index (HSI)
cBR31405v	Derived – tar level of 1st brand
cSB31013v	Derived – Time to the first cig – categories
cDE31212v	Derived – Standardized Income
cDE31312v	Derived – Standardized Education
cQA31442v	Derived: when did you last quit – months

Table 103: Derived Variables for wave 3 of the ITC China (CN) Survey.

4.7 China CN

cFR31310v - Smoking Status smoker/nonsmoker/quitter

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

cDE31915v - Wave 3 cross-sectional weight for M3-P3

cDE31919v - Wave 3 rescaled cross-sectional weight

cDE31920v - Waves 123 longitudinal weights

cDE31921v - Waves 123 rescaled longitudinal weights

cDE31922v - Waves 23 longitudinal weights

cDE31923v - Waves 23 rescaled longitudinal weights

cFR31309v - calculated, not asked – Smoking Status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 quit since last wave

cFR31245v - Derived – cigs per day – continuous (CPD)

Continuous

cFR31250v - Derived – cigs per day – categories (CPD)

- 0 0-10 cigs
- 1 11-20 cigs
- 2 21-30 cigs
- 3 31+ cigs
- 9 DK

cFR31260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

cBR31405v - Derived – tar level of 1st brand

4.7 *China CN*

Continuous

cSB31013v - Derived – Time to the first cig – categories

- 0 61+ min
- 1 31-60 min
- 2 6-30 min
- 3 <= 5 min

cDE31212v - Derived – Standardized Income

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

cDE31312v - Derived – Standardized Education

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

cQA31442v - Derived: when did you last quit – months

Continuous

4.7.5 **China CN4**

The ITC China CN4 study was conducted from September 1, 2011 to November 9, 2012. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
dFR31310v	Smoking Status smoker/nonsmoker/quitter
dDE31915v	Wave 4 cross-sectional weights for M4-P4
dDE31919v	Wave 4 rescaled cross-sectional weights for M4-P4
dDE31920v	Waves 1234 longitudinal weights
dDE31921v	Waves 1234 rescaled longitudinal weights
dDE31922v	Waves 34 longitudinal weights
dDE31923v	Waves 34 rescaled longitudinal weights
dFR31309v	calculated, not asked – Smoking Status
dFR31245v	Derived – cigs per day – continuous (CPD)
dFR31250v	Derived – cigs per day – categories (CPD)
dFR31260v	Heaviness of Smoking Index (HSI)
dSB31013v	Derived – Time to the first cig – categories
dBR31405v	Derived – tar level of 1st brand
dDE31212v	Derived – Standardized Income
dDE31312v	Derived – Standardized Education
dQA31442v	Derived – When did you last quit – months

Table 104: Derived Variables for wave 4 of the ITC China (CN) Survey.

4.7 *China CN*

dFR31310v - Smoking Status smoker/nonsmoker/quitte

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

dDE31915v - Wave 4 cross-sectional weights for M4-P4

dDE31919v - Wave 4 rescaled cross-sectional weights for M4-P4

dDE31920v - Waves 1234 longitudinal weights

dDE31921v - Waves 1234 rescaled longitudinal weights

dDE31922v - Waves 34 longitudinal weights

dDE31923v - Waves 34 rescaled longitudinal weights

dFR31309v - calculated, not asked – Smoking Status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 quit since last wave

dFR31245v - Derived – cigs per day – continuous (CPD)

Continuous

dFR31250v - Derived – cigs per day – categories (CPD)

- 0 0-10 cigs
- 1 11-20 cigs
- 2 21-30 cigs
- 3 31+ cigs
- 9 DK

dFR31260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

dSB31013v - Derived – Time to the first cig – categories

4.7 *China CN*

- 0 61+ min
- 1 31-60 min
- 2 6-30 min
- 3 <= 5 min

dBR31405v - Derived – tar level of 1st brand

Continuous

dDE31212v - Derived – Standardized Income

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

dDE31312v - Derived – Standardized Education

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

dQA31442v - Derived – When did you last quit – months

Continuous

4.7.6 **China CN5**

The ITC China CN5 study was conducted from November 1, 2013 to July 24, 2015. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
eFR31310v	Smoking Status smoker/nonsmoker/quitte
eDE31919v	Wave 5 rescaled cross-sectional weights for M5-P5
eDE31920v	Waves 1-2-3-4-5 longitudinal weights
eDE31921v	Waves 1-2-3-4-5 rescaled longitudinal weights
eDE31922v	Waves 3-4-5 longitudinal weights
eDE31923v	Waves 3-4-5 rescaled longitudinal weights
eDE31924v	Waves 4-5 longitudinal weights
eDE31925v	Waves 4-5 rescaled longitudinal weights
eFR31309v	calculated, not asked – Smoking Status
eFR31245v	Derived – cigs per day – continuous (CPD)
eFR31250v	Derived – cigs per day – categories (CPD)
eSB31013v	Derived – Time to the first cig – categories
eFR31260v	Heaviness of Smoking Index (HSI)
eQA31442v	Derived – When did you last quit – months
eDE31211v	Derived – Income (6 Categories)
eDE31212v	Derived – Standardized Income
eDE31312v	Derived – Standardized Education
eBR31405v	Derived – tar level of 1st brand
BMIv	body mass index (Categories)

Table 105: Derived Variables for wave 5 of the ITC China (CN) Survey.

4.7 *China CN*

4 *ARCHIVED PROJECTS*

eFR31310v - Smoking Status smoker/nonsmoker/quitter

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

eDE31919v - Wave 5 rescaled cross-sectional weights for M5-P5

eDE31920v - Waves 1-2-3-4-5 longitudinal weights

eDE31921v - Waves 1-2-3-4-5 rescaled longitudinal weights

eDE31922v - Waves 3-4-5 longitudinal weights

eDE31923v - Waves 3-4-5 rescaled longitudinal weights

eDE31924v - Waves 4-5 longitudinal weights

eDE31925v - Waves 4-5 rescaled longitudinal weights

eFR31309v - calculated, not asked – Smoking Status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 quit since last wave

eFR31245v - Derived – cigarettes per day (CPD)

Continuous

eFR31250v - Derived – cigarettes per day – categories (CPD)

- 0 0-10 cigs
- 1 11-20 cigs
- 2 21-30 cigs
- 3 31+ cigs
- 9 DK

eSB31013v - Derived – Time to the first cigarette – categories

- 0 61+ min
- 1 31-60 min
- 2 6-30 min

4.7 China CN

3 ≤ 5 min

eFR31260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

eQA31442v - Derived – When did you last quit – months

Continuous

eDE31211v - Derived – Income (6 Categories)

1 <1000 Yuan

2 1000-2999 Yuan

3 3000-4999 Yuan

4 5000-6999 Yuan

5 7000-8999 Yuan

6 9000 Yuan or above

8 Refused

9 Don't know

eDE31212v - Derived – Standardized Income

1 Low

2 Moderate

3 High

4 Not Stated

eDE31312v - Derived – Standardized Education

1 Low

2 Moderate

3 High

4 Not Stated

eBR31405v - Derived – tar level of 1st brand

Continuous

BMIv - body mass index (Categories)

1 Underweight

2 Normal weight

3 Overweight

4 Obese

4.8 Germany DE

The International Tobacco Control (ITC) Germany (DE) survey had 3 waves of data collection that were conducted between 2007 and 2011. All waves in this study have separate samples which means that they have separate data sets for smokers (smk) and non-smokers (nsmk).

4.8.1 DE Core

Variable Name	Description
country	ITC Country Code : 44 - DE
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
BirthYr	Respondent Year of Birth
HouseCMP	Household Composition
rSmoke	Smoking Status at Recruitment
inM1	Respondent was recruited in Wave 1
aState	Region of Respondent at Wave 1
aStrata	Strata of Respondent at Wave 1
inM2	Respondent was recruited in Wave 2
bState	Region of Respondent at Wave 2
bStrata	Strata of Respondent at Wave 2
inM3	Respondent was recruited in Wave 3
cState	Region of Respondent at Wave 3
cStrata	Strata of Respondent at Wave 3

Table 106: Derived Variables for the core dataset at wave 3 of the ITC Germany (DE) Survey.

4.8 Germany DE

1. country - ITC Country Code : 44 - DE
2. cohort - Wave of Recruitment of Respondent
3. sex - Gender of Respondent
 - 1 Male
 - 2 Female
4. age - Age at Recruitment of Respondent.
Continuous
5. agegrp - Age at Recruitment of Respondent (Categorical)
 - 1 18-24
 - 2 25-39
 - 3 40-54
 - 4 55+
6. BirthYr - Respondent Year of Birth
Continuous
7. HouseCMP - Household Composition
 - 1 nonsmoker household
 - 2 mixed household
 - 3 smoker household
8. rSmoke - Smoking Status at Recruitment
 - 1 Smoker
 - 2 Nonsmoker
 - 3 Quitter
9. inM1 - Respondent was recruited in Wave 1
 - 0 Absent/excluded
 - 1 Present/included
 - 7 NA
10. aState - Region of Respondent at Wave 1
 - 1 Baden-Wuerttemberg
 - 2 Bayern
 - 3 Berlin
 - 4 Brandenburg

4.8 Germany DE

- 5 Bremen
- 6 Hamburg
- 7 Hessen
- 8 Mecklenburg-Vorpommern
- 9 Niedersachsen
- 10 Nordrhein-Westfalen
- 11 Rheinland-Pfalz
- 12 Saarland
- 13 Sachsen
- 14 Sachsen-Anhalt
- 15 Schleswig-Holstein
- 16 Thuringen

11. aStrata - Strata of Respondent at Wave 1 - Based on State

12. inM2 - Respondent was recruited in Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

13. bState - Region of Respondent at Wave 2

- 1 Baden-Wuerttemberg
- 2 Bayern
- 3 Berlin
- 4 Brandenburg
- 5 Bremen
- 6 Hamburg
- 7 Hessen
- 8 Mecklenburg-Vorpommern
- 9 Niedersachsen
- 10 Nordrhein-Westfalen
- 11 Rheinland-Pfalz
- 12 Saarland
- 13 Sachsen
- 14 Sachsen-Anhalt
- 15 Schleswig-Holstein
- 16 Thuringen

4.8 Germany DE

14. bStrata - Strata of Respondent at Wave 2 - Based on State

15. inM3 - Respondent was recruited in Wave 3

0 Absent/excluded

1 Present/included

7 NA

16. cState - Region of Respondent at Wave 3

1 Baden-Wuerttemberg

2 Bayern

3 Berlin

4 Brandenburg

5 Bremen

6 Hamburg

7 Hessen

8 Mecklenburg-Vorpommern

9 Niedersachsen

10 Nordrhein-Westfalen

11 Rheinland-Pfalz

12 Saarland

13 Sachsen

14 Sachsen-Anhalt

15 Schleswig-Holstein

16 Thueringen

17. cStrata - Strata of Respondent at Wave 3 - Based on State

4.8.2 Germany DE1

The ITC Germany DE1 study was conducted in 2007 from July 11 to November 20. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
aFR44305	smoker vs. nonsmoker (Germany)
aDE44919v	Wave 1 rescaled cross-sectional weights
aFR44309V	smoking status
aFR44245v	CPD(cigs per day)–continuous
aFR44250v	CPD(cigs per day)–categories
aFR44260v	Heaviness of Smoking Index (HSI)
aBR44505V	brand smoked less/ more than 1 yr
aQA44231V	derived variable: time since end of most recent QA
aQA44235V	time smoke-free on recent QA – composite, months
aSB44012v	total min to first cig–continous
aSB44013v	total min to first cig–categories
aDE44312v	highest level of education (categorical)
aDE44212v	monthly household income (categorical)

Table 107: Derived Variables for wave 1 of the ITC Germany (DE) Survey.

4.8 Germany DE

aFR44305 - smoker vs. nonsmoker (Germany)

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

aDE44919v - Wave 1 rescaled cross-sectional weights

aFR44309V - smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Quit since last wave
- 9 Nonsmoker(recruited as nonsmoker)

aFR44245v - CPD (cigarettes per day)–continuous

Continuous

aFR44250v - CPD (cigarettes per day)–categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

aFR44260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aBR44505V - brand smoked less/ more than 1 yr

- 1 Less than one year
- 2 At least one year

aQA44231V - derived variable: time since end of most recent quit attempt

Continuous

aQA44235V - time smoke-free on recent quit attempt – composite, months

4.8 Germany DE

Continuous

aSB44012v - total minutes to first cigarette

Continuous

aSB44013v - total minutes to first cigarette—categories

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

aDE41312V - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

aDE41212v - Monthly Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

4.8.3 Germany DE2

The ITC Germany DE2 study was conducted in 2009 from July 23 to October 12. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
bFR44305	smoker vs. nonsmoker (Germany)
bDE44919v	Wave 2 rescaled cross-sectional weights
bDE44921v	Waves 1-2 rescaled longitudinal weights
bFR44309V	Derived – smoking status
bQA44442V	Q.7 – when did you quit – composite, #days
bQA44662V	Q.9 – since end of quit in 6M – composite, # days
bQA44235V	Q.10b – time smoke-free on recent QA – composite, months
bQA44553V	Q.13 – longest time smoke-free since LSD – composite in days
bFR44245V	Derived – cigs per day (continuous)
bFR44250V	Derived – cigs per day (categories)
bFR44260v	derived – Heaviness Smoke Index (HSI)
bBR44505v	Derived – brand smoked less/ more than 1 yr
bSB44012v	derived – time to the first cig after waking(continuous)
bSB44013v	derived – time to the first cig after waking(Categories)
bST44302V	Q.107 – # non-cig tobacco products in LM (counter)
bDE44312v	highest level of education (categorical)
bDE44212v	monthly household income (categorical)

Table 108: Derived Variables for wave 2 of the ITC Germany (DE) Survey.

4.8 Germany DE

bFR44305 - smoker vs. nonsmoker (Germany)

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

bDE44919v - Wave 2 rescaled cross-sectional weights

bDE44921v - Waves 1-2 rescaled longitudinal weights

bFR44309V - Derived – smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Quit since last wave
- 9 Nonsmoker(recruited as nonsmoker)

bQA44442V - Q.7 – when did you quit – composite, number of days

Continuous

bQA44662V - Q.9 – since end of quit in 6 months – composite, number of days

Continuous

bQA44235V - Q.10b – time smoke-free on recent quit attempt – composite, months

Continuous

bQA44553V - Q.13 – longest time smoke-free since LSD – composite in days

Continuous

bFR44245V - Derived – cigarettes per day

Continuous

bFR44250V - Derived – cigarettes per day (categories)

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

bFR44260v - derived – Heaviness of Smoking Index (HSI)

4.8 Germany DE

0-2 low

3-4 moderate

5-6 high

bBR44505v - Derived – brand smoked less/ more than 1 yr

1 Current brand smoked less than one year

2 Current brand smoked one year or more

bSB44012v - derived – time to the first cigarette after waking

Continuous

bSB44013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

bST44302V - Q.107 – number of non-cigarette tobacco products in last month (counter)

Continuous

bDE41312V - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

bDE41212v - Monthly Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

4.8.4 Germany DE3

The ITC Germany DE3 study was conducted in 2011 from September 12 to October 14. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
cFR44305	smoker vs. nonsmoker (Germany)
cDE44919v	Wave 3 rescaled cross-sectional weights
cDE44921v	Waves 1-2-3 rescaled longitudinal weights
cDE44923v	Waves 2-3 rescaled longitudinal weights
cFR44309V	Smoking Status
cQA44442V	Q.6 – when did you quit – composite, #days
cQA44662V	Q.9 – since end of quit in 6M – composite, # days
cQA44235V	Q.10 – time smoke-free on recent QA – composite, months
cQA44553V	Q.13 – longest time smoke-free since LSD – composite in days
cFR44245V	Q.22 – Derived variable: cigarettes per day (continuous)
cFR44250V	Q.22 – CPD (cigs per day) – categories
cFR44260v	derived – Heaviness Smoke Index (HSI)
cBR44505v	Q.30 – brand smoked less/ more than 1 yr
cSB44012v	derived – time to the first cig after waking(continuous)
cSB44013v	derived – time to the first cig after waking(Categories)
cST44302V	Q.107 – # non-cig tobacco products in LM (counter)
cDE44312v	highest level of education (categorical)
cDE44212v	monthly household income (categorical)

Table 109: Derived Variables for wave 3 of the ITC Germany (DE) Survey.

cFR44305 - smoker vs. nonsmoker (Germany)

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

cDE44919v - Wave 3 rescaled cross-sectional weights

cDE44921v - Waves 1-2-3 rescaled longitudinal weights

cDE44923v - Waves 2-3 rescaled longitudinal weights

cFR44309V - Smoking Status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Quit since last wave
- 9 Nonsmoker(recruited as nonsmoker)

cQA44442V - Q.6 – when did you quit – composite, number of days

Continuous

cQA44662V - Q.9 – since end of quit in 6 months – composite, number of days

Continuous

cQA44235V - Q.10 – time smoke-free on recent quit attempt – composite, months

Continuous

cQA44553V - Q.13 – longest time smoke-free since LSD – composite in days

Continuous

cFR44245V - Q.22 – Derived variable: cigarettes per day (continuous)

Continuous

cFR44250V - Q.22 – CPD (cigs per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

4.8 Germany DE

cFR44260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cBR44505v - Q.30 – brand smoked less/ more than 1 yr

1 Less than one year

2 At least one year

cSB44012v - derived – time to the first cigarette after waking

Continuous

cSB44013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

cST44302V - Q.107 – number of non-cigarette tobacco products in last month (counter)

Continuous

cDE41312V - Highest Level of Education (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

cDE41212v - Monthly Household Income (categorical)

1 Low

2 Moderate

3 High

4 Not Stated

4.9 France 1 FR

The International Tobacco Control (ITC) France (FR) survey had 3 waves of data collection that were conducted between 2006 and 2012. All waves in this study have separate samples which means that they have separate data sets for smokers (smk) and non-smokers (nsmk).

The International Tobacco Control (ITC) France 2 (FRA) survey is an updated version of the FR survey for a new cohort which took place in 2019.

4.9.1 FR Core

Variable Name	Description
country	ITC Country Code : 41 - FR
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Standardized Categories)
agegrp2	Age at Recruitment of Respondent (By 6 Categories)
BirthYr	Respondent Year of Birth
HouseCMP	Household Composition
rStatus	smoker vs nonsmoker (France)
rSmoke	Smoking Status at Recruitment
Lang	what language other than French
inM1	Respondent was recruited in Wave 1
aRegionUDA	Strata of Respondent at Wave 1
aRegion	Region of Respondent at Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
bRegionUDA	Strata of Respondent at Wave 2
bRegion	FR Region of Respondent at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
cRegionUDA	Strata of Respondent at Wave 3
cRegion	FR Region of Respondent at Wave 3

Table 110: Derived Variables for the core dataset at wave 3 of the ITC France (FR) Survey.

4.9 France 1 FR

country - ITC Country Code : 41 - FR

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Standardized Categories)

1 18-24

2 25-39

3 40-54

4 55+

agegrp2 - Age at Recruitment of Respondent (By 6 Categories)

1 18-24

2 25-34

3 35-44

4 45-54

5 55-64

6 65 and up

BirthYr - Respondent Year of Birth

Continuous

HouseCMP - Household Composition

1 Single adult smoker household

2 Mixed household

3 All adult smokers

4 Number of smokers not stated

rStatus - smoker vs nonsmoker (France)

1 smoker

2 Nonsmoker

rSmoke - Smoking Status at Recruitment

1 Daily smokers

4.9 France 1 FR

- 2 Weekly smokers
- 3 Monthly smokers
- 4 Quit < 1 month ago
- 5 Quit 1-5 months ago
- 6 Quit 6 or more months ago

Lang - what language other than French

- 1 French only
- 2 French and another language
- 3 A language other than French only

inM1 - Respondent was recruited in Wave 1

- 0 Absent/excluded
- 1 Present/included
- 7 NA

aRegionUDA - Strata of Respondent at Wave 1

- 1 Region parisienne
- 2 Bassin Parisien
- 3 Nord
- 4 Ouest
- 5 Est
- 6 Sud-Ouest
- 7 Centre Est
- 8 Mediterranee

aRegion - Region of Respondent at Wave 1

- 1 Alsace
- 2 Aquitaine
- 3 Auvergne
- 4 Bourgogne
- 5 Bretagne
- 6 Centre
- 7 Champagne
- 8 Corse
- 9 Franche-Comté
- 10 Ile-de-France

4.9 France 1 FR

- 11 Languedoc
- 12 Limousin
- 13 Pays de la Loire
- 14 Lorraine
- 15 Midi-Pyrenees
- 16 Nord
- 17 Haute-Normandie
- 18 Basse-Normandie
- 19 Picardie
- 20 Poitou-Charentes
- 21 Provence Cote d'Azur
- 22 Rhone-Alpes

inM2 - Respondent was recontacted at Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

bRegionUDA - Strata of Respondent at Wave 2

- 1 Region parisienne
- 2 Bassin Parisien
- 3 Nord
- 4 Ouest
- 5 Est
- 6 Sud-Ouest
- 7 Centre Est
- 8 Mediterranee

bRegion - FR Region of Respondent at Wave 2

- 1 Alsace
- 2 Aquitaine
- 3 Auvergne

4.9 France 1 FR

- 4 Bourgogne
- 5 Bretagne
- 6 Centre
- 7 Champagne
- 8 Corse
- 9 Franche-Comté
- 10 Ile-de-France
- 11 Languedoc
- 12 Limousin
- 13 Pays de la Loire
- 14 Lorraine
- 15 Midi-Pyrenees
- 16 Nord
- 17 Haute-Normandie
- 18 Basse-Normandie
- 19 Picardie
- 20 Poitou-Charentes
- 21 Provence Cote d'Azur
- 22 Rhone-Alpes

inM3 - Respondent was recontacted at Wave 3

- 0 Absent/excluded
- 1 Present/included
- 7 NA

inP3 - Respondent was recruited via replenishment at Wave 3

- 0 Absent/excluded
- 1 Present/included
- 7 NA

cRegionUDA - Strata of Respondent at Wave 3

- 1 Region parisienne
- 2 Bassin Parisien
- 3 Nord
- 4 Ouest
- 5 Est
- 6 Sud-Ouest

4.9 France 1 FR

7 Centre Est

8 Mediterranee

cRegion - FR Region of Respondent at Wave 3

1 Alsace

2 Aquitaine

3 Auvergne

4 Bourgogne

5 Bretagne

6 Centre

7 Champagne

8 Corse

9 Franche-Comté

10 Ile-de-France

11 Languedoc

12 Limousin

13 Pays de la Loire

14 Lorraine

15 Midi-Pyrenees

16 Nord

17 Haute-Normandie

18 Basse-Normandie

19 Picardie

20 Poitou-Charentes

21 Provence Cote d'Azur

22 Rhone-Alpes

4.9.2 France FR1

The ITC France FR1 study was conducted from December 12, 2006 to February 2, 2007. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
aFR44305	smoker vs. nonsmoker (Germany)
aDE41915v	Wave 1 cross-sectional weight
aDE41919v	Wave 1 rescaled cross-sectional weight
aFR41309v	smoking status
aDE41212v	income (derived)
aDE41312v	education (derived)
aFR41245v	cigarettes smoked per day (derived, continuous)
aFR41250v	cigarettes smoked per day (derived, categorical)
aSB41012v	time to first cigarette in minutes (derived, continuous)
aSB41013v	time to first cigarette in minutes (derived, categorical)
aFR41260v	heaviness of smoking index (derived)
aFR41333v	balance of factory-made to roll-your-own cig (derived)
aBQ41150v	quit intentions (derived)
aQA41108v	any attempts to quit in past year (derived)
aBR41502v	how long smoking this brand – converted to years
aBR41505v	brand smoked less/ more than 1 yr
aQA41232v	time since end of most recent QA – composite, months
aQA41235v	time smoke-free on recent QA – composite, months*/
aSB41226v	overall freq of butting out before finishing
aST41302v	number of non-cig tob prods used in past month (counter)
aSO41401v	number of locations where purchased cigarettes (counter)
aSM41382v	number of smoking medications EVER used (counter)
aSM41270v	time used, using Rx med – composite (days)
aSM41330v	time used, using last NRT – composite (days)
aSM41388v	number of reasons listed for stopping medication use (counter)
aSM41141v	number of other smoking medications used in last 12 months(counter)
aCH41811v	received advice from doctor to quit, overall
aCH41813v	referral from doctor to quit, overall
aCH41815v	quitting Rx from doctor, overall
aCH41817v	quitting pamphlet from doctor, overall
aCH41819v	a test to assess nicotine dependence, overall

Table 111: Derived Variables for wave 1 of the ITC France (FR) Survey.

4.9 France 1 FR

aFR44305 - smoker vs. nonsmoker (Germany)

aDE41915v - Wave 1 cross-sectional weight

aDE41919v - Wave 1 rescaled cross-sectional weight

aFR41309v - smoking status

- 1 Daily smokers
- 2 Weekly smokers
- 3 Monthly smokers
- 4 Quit < 1 month ago
- 5 Quit 1-5 months ago
- 6 Quit 6 or more months ago

aDE41212v - income (derived)

- 1 Low
- 2 Moderate
- 3 High
- 9 Not Stated

aDE41312v - education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 8 Refused
- 9 DK

aFR41245v - cigarettes smoked per day

Continuous

aFR41250v - cigarettes smoked per day (derived, categorical)

- 0 1 to 10 cig/day
- 1 11 to 20 cig/day
- 2 21 to 30 cig/day
- 3 31+ cig/day

aSB41012v - time to first cigarette in minutes

Continuous

aSB41013v - time to first cigarette in minutes (derived, categorical)

4.9 France 1 FR

- 0 61+ minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 Within 5 minutes
- 77 NA
- 88 Refused
- 99 Don't know

aFR41260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aFR41333v - balance of factory-made to roll-your-own cigarette (derived)

- 1 only FM cigarettes
- 2 mainly FM cigarettes
- 3 similar amount of FM & RYO cigarettes
- 4 mainly RYO cigarettes
- 5 only RYO cigarettes
- 7 NA
- 8 Refused
- 9 DK

aBQ41150v - quit intentions (derived)

- 0 No intention
- 1 Any intention
- 7 NA
- 8 Refused
- 9 DK

aQA41108v - any attempts to quit in past year (derived)

- 0 No attempt
- 1 Any attempt
- 7 NA
- 8 Refused
- 9 DK

aBR41502v - how long smoking this brand – converted to years

Continuous

aBR41505v - brand smoked less/ more than 1 year

- 1 Current brand smoked less than one year
- 2 Current brand smoked one year or more
- 8 Refused
- 9 DK

aQA41232v - time since end of most recent quit attempt – composite, months

Continuous

aQA41235v - time smoke-free on recent quit attempt – composite, months*/

Continuous

aSB41226v - overall frequency of butting out before finishing

- 0 None
- 1 Once
- 2 A few times
- 3 Lots of times
- 99 DK

aST41302v - number of non-cigarette tobacco prods used in past month (counter)

Continuous

aSO41401v - number of locations where purchased cigarettes (counter)

Continuous

aSM41382v - number of smoking medications EVER used (counter)

Continuous

aSM41270v - time used, using Rx med – composite (days)

Continuous

aSM41330v - time used, using last NRT – composite (days)

Continuous

aSM41388v - number of reasons listed for stopping medication use (counter)

Continuous

aSM41141v - number of other smoking medications used in last 12 months(counter)

Continuous

4.9 France 1 FR

aCH41811v - received advice from doctor to quit, overall

Continuous

aCH41813v - referral from doctor to quit, overall

Continuous

aCH41815v - quitting Rx from doctor, overall

Continuous

aCH41817v - quitting pamphlet from doctor, overall

Continuous

aCH41819v - a test to assess nicotine dependence, overall

Continuous

4.9.3 France FR2

The ITC France FR2 study was conducted in 2008 from September 11 to November 28 . For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
bDE41911v	rescaled cross-sectional weight for M2
bDE41915v	rescaled cross-sectional weight for P2
bDE41919v	Cross-sectional weight for P2/M2
bDE41921v	rescaled longitudinal weight for M1-M2 continuers
bFR41309v	Q.028a – smoking status
bDE41212v	Standardized Income (Derived)
bDE41312v	Standardized Education (Derived)
bFR41245v	Q.027a – CPD (cigs per day) – continuous
bFR41250v	Q.027b – CPD (cigs per day) – categories
bSB41012v	time to first cigarette in minutes (derived, continuous)
bSB41013v	time to first cigarette in minutes (derived, categorical)
bFR41260v	Heaviness of Smoking Index (derived)
bFR41333v	Balance of Factory-made to Roll Your Own cigarettes (derived)
bBQ41150v	Quit intentions (derived)
bQA41108v	Q.057c – any quit attempts in past year – composite
bQA41442v	Q.017g – when did you quit – composite, #days
bQA41662v	Q.019g – since end of quit in 6M – composite, # days
bQA41235v	Q.020e – time smoke-free on recent QA – composite, months
bQA41553v	Q.021e – longest time smoke-free since LSD – composite in days
bQA41231v	Q.058e – time since end of most recent QA – composite, months
bSM41270V	Q.153d – time used, using Rx med – composite (days)
bSM41330V	Q.164d – time used, using last NRT – composite (days)
bDE41910v	cross-sectional weight for M2
bDE41914v	cross-sectional weight for P2
bDE41920v	longitudinal weight for M1-M2 continuers

Table 112: Derived Variables for wave 2 of the ITC France (FR) Survey.

4.9 France 1 FR

bDE41911v - rescaled cross-sectional weight for M2

bDE41915v - rescaled cross-sectional weight for P2

bDE41919v - Cross-sectional weight for P2/M2

bDE41921v - rescaled longitudinal weight for M1-M2 continuers

bFR41309v - Q.028a – smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 9 Nonsmoker (recruited as nonsmoker)

bDE41212v - Standardized Income (Derived)

- 1 Low
- 2 Moderate
- 3 High
- 9 Not Stated

bDE41312v - Standardized Education (Derived)

- 1 Low
- 2 Moderate
- 3 High
- 8 Refused
- 9 DK

bFR41245v - Q.027a – CPD (cigarettes per day)

Continuous

bFR41250v - Q.027b – CPD (cigarettes per day) – categories

- 0 1 to 10 cig/day
- 1 11 to 20 cig/day
- 2 21 to 30 cig/day
- 3 31+ cig/day

bSB41012v - time to first cigarette in minutes

Continuous

bSB41013v - time to first cigarette in minutes (derived, categorical)

0 61+ minutes

1 31-60 minutes

2 6-30 minutes

3 Within 5 minutes

77 NA

88 Refused

99 Don't know

bFR41260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bFR41333v - Balance of Factory-made to Roll Your Own cigarettes (derived)

1 only FM cigarettes

2 mainly FM cigarettes

3 similar amount of FM & RYO cigarettes

4 mainly RYO cigarettes

5 only RYO cigarettes

7 NA

8 Refused

9 DK

bBQ41150v - Quit intentions (derived)

0 No intention

1 Any intention

7 NA

8 Refused

9 DK

bQA41108v - Q.057c – any quit attempts in past year – composite

Continuous

bQA41442v - Q.017g – when did you quit – composite, number of days

Continuous

bQA41662v - Q.019g – since end of quit in 6 months – composite, number of days

Continuous

bQA41235v - Q.020e – time smoke-free on recent quit attempt – composite, months

Continuous

bQA41553v - Q.021e – longest time smoke-free since LSD – composite in days

Continuous

bQA41231v - Q.058e – time since end of most recent quit attempt – composite, months

Continuous

bSM41270V - Q.153d – time used, using Rx med – composite (days)

Continuous

bSM41330V - Q.164d – time used, using last NRT – composite (days)

Continuous

bDE41910v - cross-sectional weight for M2

bDE41914v - cross-sectional weight for P2

bDE41920v - longitudinal weight for M1-M2 continuers

4.9.4 France FR3

The ITC France FR3 study was conducted in 2012 from September 27 to December 5. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
cBQ41150v	Quit intentions (derived)
cDE41212v	Standardized Income (derived)
cDE41312v	Standardized Education (derived)
cSB41012v	Time to first cigarette in minutes (derived, continuous)
cSB41013v	Time to first cigarette in minutes (derived, categorical)
cFR41260v	Heaviness of Smoking Index (derived)
cFR41333v	Balance of FM to RYO cigarettes (derived)
cCH41811v	received advice from doctor to quit, overall
cCH41813v	referral from doctor to quit, overall
cCH41815v	quitting Rx from doctor, overall
cCH41817v	quitting pamphlet from doctor to quit, overall
cCH41819v	received short test to assess level of dependence, overall
cPR41109v	Body Mass Index (BMI) – derived
cQA41442v	when did you quit – composite, #days
cQA41662v	since end of quit in 6M – composite, # days
cQA41235v	time smoke-free on recent QA – composite, months
cQA41553v	longest time smoke-free since LSD – composite in days
cSM41270v	time used, using Rx med – composite (days)
cFR41309v	smoking status
cFR41245v	CPD (cigs per day) – continuous
cFR41250v	CPD (cigs per day) – categories
cST41302v	no. of smoked tob noncig in LM
cSM41161v	SSM used to quit
cQA41108v	any quit attempts in past year (derived)
cQA41106v	number quit attempts, ever – composite
cQA41231v	time since end of most recent QA – composite, months

Table 113: Derived Variables for wave 3 of the ITC France (FR) Survey. (a)

Variable Name	Label
cDE41911v	rescaled cross-sectional weight for M3
cDE41915v	rescaled cross-sectional weight for P3
cDE41919v	Wave 3 rescaled cross-sectional weight for M3/P3
cDE41920v	longitudinal weight for M1-M2-M3 continuers
cDE41921v	rescaled longitudinal weight for M1-M2-M3 continuers
cDE41922v	longitudinal weight for P2/M2-M3 continuers
cDE41923v	rescaled longitudinal weight for P2/M2-M3 continuers
cDE41910v	cross-sectional weight for M3
cDE41914v	cross-sectional weight for P3

Table 114: Derived Variables for wave 3 of the ITC France (FR) Survey. (b)

4.9 France 1 FR

cBQ41150v - Quit intentions (derived)

- 0 No intention
- 1 Any intention
- 7 NA
- 8 Refused
- 9 DK

cDE41212v - Standardized Income (derived)

- 1 Low
- 2 Moderate
- 3 High
- 9 Not Stated

cDE41312v - Standardized Education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 8 Refused
- 9 DK

cSB41012v - Time to first cigarette in minutes (derived, continuous)

Continuous

cSB41013v - Time to first cigarette in minutes (derived, categorical)

- 0 61+ minutes
- 1 31-60 minutes
- 2 6-30 minutes
- 3 Within 5 minutes
- 77 NA
- 88 Refused
- 99 Don't know

cFR41260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

cFR41333v - Balance of FM to RYO cigarettes (derived)

4.9 France 1 FR

- 1 only FM cigarettes
- 2 mainly FM cigarettes
- 3 similar amount of FM & RYO cigarettes
- 4 mainly RYO cigarettes
- 5 only RYO cigarettes
- 7 NA
- 8 Refused
- 9 DK

cCH41811v - received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cCH41813v - referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cCH41815v - quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cCH41817v - quitting pamphlet from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cCH41819v - received short test to assess level of dependence, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cPR41109v - Body Mass Index (BMI) – derived

Continuous

cQA41442v - when did you quit – composite, number of days

Continuous

cQA41662v - since end of quit in 6 months – composite, number of days

Continuous

cQA41235v - time smoke-free on recent quit attempt – composite, months

Continuous

cQA41553v - longest time smoke-free since LSD – composite in days

Continuous

cSM41270v - time used, using Rx med – composite (days)

Continuous

cFR41309v - smoking status

- 1 Daily smoker [QA711=1 or FR306=1 or FR307=1 or (LSD smoking status=1 and FR301=1)]
- 2 Weekly smoker [QA711=2 or FR306=2 or FR307=2 or (LSD smoking status=2 and FR301=1)]
- 3 Monthly smoker [QA711=3 or (FR306=3 or 4) or (FR307=3 or 4) or (LSD smoking status=3 and FR301=1)]
- 4 Quit in the last month (QA442v<32)
- 5 Quit 1-6 months ago (QA442v>31 and <184)
- 6 Quit 6-12 months ago (QA442v>183 and <366)
- 7 Quit more than 12 months ago (QA442v>365)
- 9 Nonsmoker (recruited as nonsmoker) (QA338=2 or FR231=2)

cFR41245v - CPD (cigarettes per day)

Continuous

cFR41250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes

4.9 France 1 FR

- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes
- 7 NA
- 8 Refused
- 9 DK

cST41302v - number of smoked tobacco noncigarettes in last month

Continuous

cSM41161v - SSM used to quit

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

cQA41108v - any quit attempts in past year (derived)

- 0 No attempt
- 1 Any attempt
- 7 NA
- 8 Refused
- 9 DK

cQA41106v - number quit attempts, ever – composite

Continuous

cQA41231v - time since end of most recent quit attempt – composite, months

Continuous

cDE41911v - rescaled cross-sectional weight for M3

cDE41915v - rescaled cross-sectional weight for P3

cDE41919v - Wave 3 rescaled cross-sectional weight for M3/P3

cDE41920v - longitudinal weight for M1-M2-M3 continuers

cDE41921v - rescaled longitudinal weight for M1-M2-M3 continuers

cDE41922v - longitudinal weight for P2/M2-M3 continuers

cDE41923v - rescaled longitudinal weight for P2/M2-M3 continuers

cDE41910v - cross-sectional weight for M3

cDE41914v - cross-sectional weight for P3

4.10 Ireland-Scotland-United Kingdom IES

The International Tobacco Control (ITC) Ireland-Scotland-United Kingdom (IES) survey had 4 waves of data collection that were conducted between 2003 and 2007.

4.10.1 IES Core

Variable Name	Description
country	ITC Country Code :
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
BirthYr	Respondent Year of Birth
BirthMo	Respondent Month of Birth
ethnic	Ethnicity of Respondent
HouseCMP	Household Composition
ukRegion	Region of UK of Respondent
ieRegion	Region of Ireland of Respondent
scRegion	Region of Scotland of Respondent
Strata	Strata of Respondent
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
lost	Wave when respondent was lost to follow up

Table 115: Derived Variables for the core dataset at wave 4 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.

4.10 Ireland-Scotland-United Kingdom IES

country - ITC Country Code :

- 1 United Kingdom
- 2 Ireland
- 3 Scotland

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

- 1 Female
- 2 Male

age - Age at Recruitment of Respondent (Continuous)

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55-max

BirthYr - Respondent Year of Birth

Continuous

BirthMo - Respondent Month of Birth

- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July
- 8 August
- 9 September
- 10 October
- 11 November
- 12 December

ethnic - Ethnicity of Respondent

- 1 White/Irish

4.10 Ireland-Scotland-United Kingdom IES

- 2 Other
- 8 Refused
- 9 DK

HouseCMP - Household Composition

- 1 Single adult smoker
- 2 All adults smokers
- 3 Mixed adult household
- 4 Nonsmoker
- 7 NA
- 8 Refused
- 9 DK

ukRegion - Region of UK of Respondent

- 1 North East
- 2 Yorkshire & The Humber
- 3 East Midlands
- 4 Eastern
- 5 London
- 6 South East
- 7 South West
- 8 West Midlands
- 9 North West
- 10 Wales
- 20 Scotland
- 30 Northern Ireland
- 77 NA

ieRegion - Region of Ireland of Respondent

- 1 Dublin City & County
- 2 Rest of Leinster
- 3 Munster
- 4 Connaught & Part of Ulster
- 77 NA

scRegion - Region of Scotland of Respondent

- 1 Argyll & Clyde

4.10 *Ireland-Scotland-United Kingdom IES*

- 2 Ayrshire & Arran
- 3 Borders
- 4 Dumfries & Galloway
- 5 Fife
- 6 Forth Valley
- 7 Grampian
- 8 Greater Glasgow
- 9 Highland
- 10 Lanarkshire
- 11 Lothian
- 12 Orkney, Shetland and Western Isles
- 13 Tayside
- 77 NA

Strata - Strata of Respondent

- 101 North East
- 102 Yorkshire & The Humber
- 103 East Midlands
- 104 Eastern
- 105 London
- 106 South East
- 107 South West
- 108 West Midlands
- 109 North West
- 110 Wales
- 120 Scotland
- 130 Northern Ireland
- 201 Dublin City & County
- 202 Rest of Leinster
- 203 Munster
- 204 Connaught & Part of Ulster
- 301 Argyll & Clyde
- 102 Ayrshire & Arran
- 103 Borders
- 104 Dumfries & Galloway
- 105 Fife

4.10 Ireland-Scotland-United Kingdom IES

106 Forth Valley

107 Grampian

108 Greater Glasgow

109 Highland

310 Lanarkshire

311 Lothian

312 Orkney, Shetland and Western Isles

313 Tayside

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM1, inM2, inP2, inM3, inP3, inM4 and inP4 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

lost - Wave when respondent was lost to follow up

Continuous 0-4

4.10.2 Ireland-Scotland-United Kingdom IES1

The ITC Ireland-Scotland IES1 study was conducted from December 10 2003 to January 19, 2004.

Variable Name	Label
aDE212v	income categories
aDE312v	highest level of education (derived)
aFR309v	smoking status
aFR245v	CPD (cigs per day) – continuous
aFR250v	CPD (cigs per day) – categories
aSB012v	total min to first cig (continuous)
aSB013v	total min to first cig after waking (categories)
aFR260v	Heaviness of Smoking Index (HSI)
aBQ150v	intending to quit (yes/no)
aFR333v	use of roll-your-own vs factory-made
aDE915v	Wave 1 Survey Weight
aSB226v	overall freq of butting out before finishing
aST302v	# non-cig tob prods used in 1M (counter)
aPU221v	packs per carton
aPU321v	cigs per pack
aNR112v	# meds used in 6M (counter)
aNR811v	advice from doctor to quit, overall
aNR813v	referral from doctor to quit, overall
aNR815v	quitting RX from doctor, overall
aNR817v	quitting pamphlet from doctor, overall

Table 116: Derived Variables for wave 1 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.

4.10 Ireland-Scotland-United Kingdom IES

aDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 9 Not Answered

aDE312v - highest level of education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

aFR309v - smoking status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 7 NA
- 8 Refused
- 9 DK

aFR245v - CPD (cigarettes per day)

Continuous

aFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

aSB012v - total min to first cigarette (continuous)

Continuous

4.10 Ireland-Scotland-United Kingdom IES

aSB013v - total min to first cigarette after waking (categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

aFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aBQ150v - intending to quit (yes/no)

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

aFR333v - use of roll-your-own vs factory-made

1 Only FM cigarettes

2 Mainly FM

3 FM and RYO similar

4 Mainly RYO

5 Only RYO

7 NA

8 Refused

9 DK

aDE915v - Wave 1 Survey Weight

aSB226v - overall freq of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

aST302v - number of non-cigarette tobacco products used in 1 month (counter)

Continuous

aPU221v - packs per carton

Continuous

aPU321v - cigarettes per pack

Continuous

aNR112v - number of medications used in 6 months (counter)

Continuous

aNR811v - advice from doctor to quit, overall

1 yes

2 no

7 NA

8 Refused

9 DK

aNR813v - referral from doctor to quit, overall

1 yes

2 no

7 NA

8 Refused

9 DK

aNR815v - quitting RX from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

aNR817v - quitting pamphlet from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

4.10.3 Ireland-Scotland-United Kingdom IES2

The ITC Ireland-Scotland-United Kingdom IES2 study was conducted from December 9 2004 to January 29, 2005.

Variable Name	Label
bDE915v	cross-sectional weight for P2
bDE919v	combined, rescaled cross-sectional weight for M2/P2
bDE921v	longitudinal weight for M1 continuers
bDE212v	income categories
bDE312v	highest level of education
bFR309v	smoking status - calculated, not asked
bFR245v	CPD (cigs per day) – continuous
bFR250v	CPD (cigs per day) – categories
bSB012v	total min to first cig (continuous)
bSB013v	total min to first cig after waking (cat)
bFR260v	Heaviness of Smoking Index (HSI)
bBQ150v	Intention to quit
bFR333v	use of RYO vs factory made (categ)
bNR302v	med used recently in 6M (computed not as
bST302v	# non-cig tob prods used in 1M (counter)
bNR112v	# meds used in 6M (counter)
bSB226v	overall freq of butting out before finishing
bNR811v	received advice from doctor to quit, overall
bNR813v	referral from doctor to quit, overall
bNR815v	quitting Rx from doctor, overall
bNR817v	quitting pamphlet from doctor, overall

Table 117: Derived Variables for wave 2 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.

bDE915v - cross-sectional weight for P2

bDE919v - combined, rescaled cross-sectional weight for M2/P2

bDE921v - longitudinal weight for M1 continuers

bDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 9 Not Answered

bDE312v - highest level of education

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

bFR309v - smoking status - calculated, not asked

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily smoker (if QA711 OR FR306=1).
- 2 Weekly smoker (if QA711 OR FR306=2).
- 3 Monthly (if QA711 OR FR306=3-4).

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

- 4 Quit in the last month (if QA442v<=30).
- 5 Quit 1-6 months ago (if QA442v>30 and<=180).
- 6 Quit more than 6 months ago (if QA442v>180).
- 7 NA
- 8 Refused
- 9 DK

bFR245v - CPD (cigarettes per day) – continuous

Continuous

bFR250v - CPD (cigarettes per day) – categorical

4.10 Ireland-Scotland-United Kingdom IES

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

bSB012v - total min to first cigarette (continuous)

Continuous

bSB013v - total min to first cigarette after waking (categorical)

- 0 0 (> 60 min)
- 1 1 (31-60 min)
- 2 2 (6-30 min)
- 3 3 (<= 5 min)

bFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

bFR333v - use of RYO vs factory made (categories)

- 1 Only FM cigarettes
- 2 Mainly FM
- 3 FM and RYO similar
- 4 Mainly RYO
- 5 Only RYO
- 7 NA
- 8 Refused
- 9 DK

bNR302v - med used recently in 6 months (computed not as

- 1 nicotine gum

- 2 nicotine patch
- 3 nicotine lozenges
- 4 nicotine (sub-lingual) tablet
- 5 nicotine inhaler
- 6 nicotine nasal spray
- 7 Zyban (or Bupropion)
- 8 Wellbutrin
- 9 other product
- 77 NA
- 88 Refused
- 99 DK

bST302v - number of non-cigarette tobacco prods used in 1 month (counter)

Continuous

bNR112v - number of medications used in 6 months (counter)

Continuous

bSB226v - overall frequency of butting out before finishing

- 0 never
- 1 once
- 2 a few times
- 3 lots of times
- 7 NA
- 8 Refused
- 9 DK

bNR811v - received advice from doctor to quit, overall

- 1 yes
- 2 no
- 7 NA
- 8 Refused
- 9 DK

bNR813v - referral from doctor to quit, overall

- 1 yes
- 2 no
- 7 NA

4.10 *Ireland-Scotland-United Kingdom IES*

8 Refused

9 DK

bNR815v - quitting Rx from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

bNR817v - quitting pamphlet from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

4.10.4 Ireland-Scotland-United Kingdom IES3

The ITC Ireland-Scotland-United Kingdom IES3 study was conducted in 2006 from February 14 to March 26.

Variable Name	Label
cDE312v	highest level of education
cDE212v	income categories
cFR309v	Smoking Status - Calculated, Not Asked
cFR310v	Smoking Status
cFR245v	CPD (cigs per day) – continuous
cFR250v	CPD (cigs per day) – categories
cSB012v	total min to first cig (continuous)
cSB013v	total min to first cig after waking (categories)
cFR260v	Heaviness of Smoking Index (HSI)
cFR333v	use of RYO vs factory made (categorical)
cBQ150v	Intention to quit
cDE915v	cross-sectional weight for P3 recruits
cDE916v	rescaled cross-sectional weight for P3 recruits
cDE919v	combined cross-sectional weight for M2-M3/P3
cDE921v	longitudinal weight for M1-M2-M3 continuers
cDE923v	longitudinal weight for M2-M3 continuers
cQA442v	number of days since start of most recent quit attempt
cQA553v	longest time smoke-free (days) since last survey date
cQA662v	number of days since quit attempt ended
cBR505v	duration smoking current brand
cSB226v	overall freq of butting out before finishing
cST302v	# of non-cig tob prods used in 1M (counter)
cNR112v	# meds used in 6M (counter)
cNR307v	derived duration (day) using NRT product
cNR811v	received advice from doctor to quit, overall
cNR813v	referral from doctor to quit, overall
cNR815v	quitting Rx from doctor, overall
cNR817v	quitting pamphlet from doctor, overall
cNR821v	encouragement from doctor, overall
cNR823v	additional help/referral, overall
cNR825v	stop-smoking med Rx, overall
cNR827v	pamphlets to stay quit, overall

Table 118: Derived Variables for wave 3 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.

cDE312v - highest level of education

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 8 Refused
- 9 DK

cDE212v - income categories

- 1 Low
- 2 Moderate
- 3 High
- 7 NA
- 9 Not Answered

cFR309v - Smoking Status - Calculated, Not Asked

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily smoker (if QA711 OR FR306 or FR307=1).
- 2 Weekly smoker (if QA711 OR FR306 or FR307=2).
- 3 Monthly (if QA711 OR FR306=3-4 or FR307=3).

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

- 4 Quit in the last month (if QA442v<=30).
- 5 Quit 1-6 months ago (if QA442v>30 and<=180).
- 6 Quit more than 6 months ago (if QA442v>180).
- 7 NA
- 8 Refused
- 9 DK

cFR310v - Smoking Status

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

cFR245v - CPD (cigarettes per day) – continuous

Continuous

cFR250v - CPD (cigarettes per day) – categorical

4.10 Ireland-Scotland-United Kingdom IES

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 More than 31 cigarettes

cSB012v - total min to first cigarette (continuous)

Continuous

cSB013v - total min to first cigarette after waking (categories)

- 0 0 (> 60 min)
- 1 1 (31-60 min)
- 2 2 (6-30 min)
- 3 3 (<= 5 min)

cFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

cFR333v - use of RYO vs factory made (categorical)

- 1 Only FM cigarettes
- 2 Mainly FM
- 3 FM and RYO similar
- 4 Mainly RYO
- 5 Only RYO
- 7 NA
- 8 Refused
- 9 DK

cBQ150v - Intention to quit

- 0 no, not intending to quit
- 1 yes, intending to quit
- 7 NA
- 8 Refused
- 9 DK

cDE915v - cross-sectional weight for P3 recruits

cDE916v - rescaled cross-sectional weight for P3 recruits

cDE919v - combined cross-sectional weight for M2-M3/P3

cDE921v - longitudinal weight for M1-M2-M3 continuers

cDE923v - longitudinal weight for M2-M3 continuers

cQA442v - number of days since start of most recent quit attempt

Continuous

cQA553v - longest time smoke-free (days) since last survey date

Continuous

cQA662v - number of days since quit attempt ended

Continuous

cBR505v - duration smoking current brand

1 less than one year

2 one year or more

7 NA

8 Refused

9 DK

cSB226v - overall frequency of butting out before finishing

0 never

1 once

2 a few times

3 lots of times

7 NA

8 Refused

9 DK

cST302v - number of of non-cigarette tobacco prods used in 1 month (counter)

Continuous

cNR112v - number of medications used in 6 months (counter)

Continuous

cNR307v - derived duration (day) using NRT product

Continuous

cNR811v - received advice from doctor to quit, overall

4.10 *Ireland-Scotland-United Kingdom IES*

1 yes

2 no

7 NA

8 Refused

9 DK

cNR813v - referral from doctor to quit, overall

1 yes

2 no

7 NA

8 Refused

9 DK

cNR815v - quitting Rx from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

cNR817v - quitting pamphlet from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

cNR821v - encouragement from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

cNR823v - additional help/referral, overall

1 yes

2 no

7 NA

4.10 *Ireland-Scotland-United Kingdom IES*

8 Refused

9 DK

cNR825v - stop-smoking med Rx, overall

1 yes

2 no

7 NA

8 Refused

9 DK

cNR827v - pamphlets to stay quit, overall

1 yes

2 no

7 NA

8 Refused

9 DK

4.10.5 Ireland-Scotland-United Kingdom IES4

The ITC Ireland-Scotland IES4 study was conducted in 2007 from February 15 to April 16.

Variable Name	Label
dQA442v	Derived Variable: Number Of Days Since Start Of Most Recent Quit Attempt (ie. Number Of Days Since Quit)
dQA553v	Derived Variable: Number Of Days Of Longest Time Smoke-Free Since LSD
dQA662v	Derived Variable: Number Of Days Since Most Recent Quit Attempt Ended
dFR309v	Smoking Status - Calculated, Not Asked
dBR505v	Derived Variable: Composite Of BR503 And BR501A-D
dST302v	Derived Variable: # Non-Cig Tobacco Products Used In Last Month (Counter)
dNR811v	Derived Variable: Received Advice
dNR813v	Derived Variable: Received Additional Help Or Referral To Another Service
dNR815v	Derived Variable: Received Prescription For Stop-Smoking Medication
dNR817v	Derived Variable: Received Pamphlet On How To Quit
dBQ150v	Derived variable: Dichotomous Version Of BQ141
dFR245v	Derived Variable: Cigarettes Per Day (Continuous)
dFR250v	Derived Variable: Cigarettes Per Day (Categories)
dQA231v	Derived Variable: Time Since End Of Most Recent Quit Attempt, In Months
dSB012v	Derived Variable: Total Min To First Cig (Continuous)
dSB013v	Derived Variable: Total Min To First Cig (Category)
dFR310v	Smoking status
dNR112v	# meds used in 6M (counter)
dNR821v	encouragement from doctor, overall
dNR823v	additional help/referral, overall
dNR827v	pamphlets to stay quit, overall
dDE312v	highest level of education
dDE212v	income categories
dFR260v	Heaviness of Smoking index(HSI)
dFR333v	use of RYO vs factory made (categorical)
dNR307v	derived duration(day) using NRT product
dDE919v	combined cross-sectional weight
dDE915v	cross-sectional weight for P4 recruits
dDE916v	rescaled cross-sectional weight for P4 recruits
dDE921v	longitudinal weight

Table 119: Derived Variables for wave 4 of the ITC Ireland-Scotland-United Kingdom (IES) Survey.

dQA442v - Derived Variable: Number Of Days Since Start Of Most Recent Quit Attempt (ie. Number Of Days Since Quit)

Continuous

dQA553v - Derived Variable: Number Of Days Of Longest Time Smoke-Free Since LSD

Continuous

dQA662v - Derived Variable: Number Of Days Since Most Recent Quit Attempt Ended

Continuous

dFR309v - Smoking Status - Calculated, Not Asked

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily smoker (if QA711 OR FR306 or FR307=1).
- 2 Weekly smoker (if QA711 OR FR306 or FR307=2).
- 3 Monthly (if QA711 OR FR306=3-4 or FR307=3).

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

- 4 Quit in the last month (if QA442v<=30).
- 5 Quit 1-6 months ago (if QA442v>30 and<=180).
- 6 Quit more than 6 months ago (if QA442v>180).
- 7 NA
- 8 Refused
- 9 DK

dBR505v - Derived Variable: Composite Of BR503 (How Long Smoking This Brand - DK) And BR501A-D

- 1 less than one year
- 2 one year or more
- 7 NA
- 8 Refused
- 9 DK

dST302v - Derived Variable: Number of Non-Cigarette Tobacco Products Used In Last Month (Counter)

Continuous

dNR811v - Derived Variable: Received Advice

- 1 yes
- 2 no

7 NA

8 Refused

9 DK

dNR813v - Derived Variable: Received Additional Help Or Referral To Another Service

1 yes

2 no

7 NA

8 Refused

9 DK

dNR815v - Derived Variable: Received Prescription For Stop-Smoking Medication

1 yes

2 no

7 NA

8 Refused

9 DK

dNR817v - Derived Variable: Received Pamphlet On How To Quit

1 yes

2 no

7 NA

8 Refused

9 DK

dBQ150v - Derived variable: Dichotomous Version Of BQ141 (Plan To Quit Smoking)

0 no, not intending to quit

1 yes, intending to quit

7 NA

8 Refused

9 DK

dFR245v - Derived Variable: Cigarettes Per Day (Continuous)

Continuous

dFR250v - Derived Variable: Cigarettes Per Day (Categorical)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 More than 31 cigarettes

dQA231v - Derived Variable: Time Since End Of Most Recent Quit Attempt, In Months

Continuous

dSB012v - Derived Variable: Total Min To First Cigarette (Continuous)

Continuous

dSB013v - Derived Variable: Total Min To First Cigarette (Categorical)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

dFR310v - Smoking status

1 Smoker

2 Nonsmoker

3 Quitter

dNR112v - Number of medications used in 6 months (counter)

Continuous

dNR821v - encouragement from doctor, overall

1 yes

2 no

7 NA

8 Refused

9 DK

dNR823v - additional help/referral, overall

1 yes

2 no

7 NA

8 Refused

9 DK

dNR827v - pamphlets to stay quit, overall

1 yes

4.10 Ireland-Scotland-United Kingdom IES

2 no

7 NA

8 Refused

9 DK

dDE312v - highest level of education

1 Low

2 Moderate

3 High

7 NA

8 Refused

9 DK

dDE212v - income categories

1 Low

2 Moderate

3 High

7 NA

9 Not Answered

dFR260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dFR333v - use of RYO vs factory made (categorical)

1 Only FM cigarettes

2 Mainly FM

3 FM and RYO similar

4 Mainly RYO

5 Only RYO

7 NA

8 Refused

9 DK

dNR307v - derived duration(day) using NRT product

Continuous

4.10 *Ireland-Scotland-United Kingdom IES*

dDE919v - combined cross-sectional weight

dDE915v - cross-sectional weight for P4 recruits

dDE916v - rescaled cross-sectional weight for P4 recruits

dDE921v - longitudinal weight

4.11 KOREA 1 KR

The International Tobacco Control (ITC) Korea (KR) survey had 3 waves of data collection that were conducted between 2005 and 2010.

Korea has had studies for 3 different cohorts of respondents; KR, then KOR and now currently KRA.

4.11.1 KR Core

Variable Name	Description
country	ITC Country Code : 21 - Korea
cohort	Wave of Recruitment of Respondent
sex	Sex of Respondent at Recruitment
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
BirthYr	Respondent Year of Birth
rSmoke	Smoking Status at Recruitment
houseCmp	household composition
inR1	respondent present in Wave 1 recruitment
inM1	respondent present in Wave 1 main
inM2	Present/included in wave 2 recontact survey
inP2	Present/included in wave 2 replenishment survey
inM3	Present/included in wave 3 recontact survey
inP3	Present/included in wave 3 replenishment survey
aStrata	Wave 1 strata information
bStrata	Wave 2 strata information
cStrata	Wave 3 strata information

Table 120: Derived Variables for the core dataset at wave 3 of the ITC KOREA (KR) Survey.

4.11 KOREA 1 KR

country - ITC Country Code : 21 - Korea

cohort - Wave of Recruitment of Respondent

sex - Sex of Respondent at Recruitment

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55 and up

BirthYr - Respondent Year of Birth

rSmoke - Smoking Status at Recruitment

1 daily

2 weekly

3 monthly

houseCmp - household composition

1 single adult smoker

2 All adult smokers

3 Mixed adult household

7 NA

8 Refused

9 DK

inR1 - respondent present in Wave 1 recruitment

inM1 - respondent present in Wave 1 main

inM2 - Present/included in wave 2 recontact survey

inP2 - Present/included in wave 2 replenishment survey

inM3 - Present/included in wave 3 recontact survey

inP3 - Present/included in wave 3 replenishment survey

inR1, inM1, inM2, inP2, inM3 and inP3 all have the following values:

4.11 KOREA 1 KR

- 0 Absent/excluded
- 1 Present/included
- 7 NA

aStrata - Wave 1 strata information

- 1 Seoul
- 2 Busan
- 3 Daegu
- 4 Incheon
- 5 Gwangju
- 6 Daejon
- 7 Ulsan
- 8 Gyeonggi
- 9 Gangwon
- 10 Chungbuk
- 11 Chungnam
- 12 Jeonbuk
- 13 Jeonnam
- 14 Gyeongbuk
- 15 Gyeongnam
- 16 Jeju
- 77 Unknown

bStrata - Wave 2 strata information

- 1 Seoul
- 2 Busan
- 3 Daegu
- 4 Incheon
- 5 Gwangju
- 6 Daejon
- 7 Ulsan
- 8 Gyeonggi
- 9 Gangwon
- 10 Chungbuk
- 11 Chungnam
- 12 Jeonbuk

4.11 KOREA 1 KR

- 13 Jeonnam
- 14 Gyeongbuk
- 15 Gyeongnam
- 16 Jeju
- 77 Unknown

cStrata - Wave 3 strata information

- 1 Seoul
- 2 Busan
- 3 Daegu
- 4 Incheon
- 5 Gwangju
- 6 Daejon
- 7 Ulsan
- 8 Gyeonggi
- 9 Gangwon
- 10 Chungbuk
- 11 Chungnam
- 12 Jeonbuk
- 13 Jeonnam
- 14 Gyeongbuk
- 15 Gyeongnam
- 16 Jeju
- 77 Unknown

4.11.2 KOREA KR1

The ITC KOREA KR1 study was conducted in 2005 from December 1-20. For more information see the technical report which can be found [here](#).

Variable Name	Label
aFR21309v	Smoking status
aFR21245v	CPD (cigs per day) – continuous
aFR21250v	CPD (cigs per day) – categories
aSB21012v	Total min to first cigarette, continuous.
aSB21013v	Total min to first cigarette, categorical
aFR21260v	Heaviness of Smoking Index (derived)
aBQ21150v	intending to quit (yes/no)
aFR21333v	use of RYO vs factory made (categ)
aDE21911v	recruitment weight for M1 (cross-sectional weight)
aDE21915v	main weight for M1 (cross-sectional weight)
aBR21505v	current brand smoked how long
aQA21231v	time since end of last quit attempt (derived)
aSB21226v	overall freq of butting out before finishing
aPU21555v	price per unit (derived)
aST21302v	# non-cig tob prods used in LM (counter)
aST21552v	# less harmful cigs ever tried (counter)
aNR21112v	# meds used since LSD (counter)
aNR21811v	received advice from doctor to quit, overall
aNR21813v	referral from doctor to quit, overall
aNR21815v	quitting Rx from doctor, overall
aNR21817v	quitting pamphlet from doctor, overall
aNR21821v	support for having quit, overall
aNR21823v	referral to help stay quit, overall
aNR21825v	Rx from doctor (for quitters), overall
aNR21827v	pamphlet on staying quit, overall

Table 121: Derived Variables for wave 1 of the ITC KOREA (KR) Survey.

4.11 KOREA 1 KR

aFR21309v - Derived variable: smoking status in current wave

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month

aFR21245v - CPD (cigarettes per day)

Continuous

aFR21250v - CPD (cigarettes per day) – categorical

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 Equal to or more than 31 cigarettes
- 7 Not applicable
- 8 Refused
- 9 Don't know

aSB21012v - Total minutes to first cigarette.

Continuous

aSB21013v - Total minutes to first cigarette, categorical

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6 to 30 minutes
- 3 5 minutes or less

aFR21260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aBQ21150v - intending to quit

- 1 Yes
- 2 No

aFR21333v - use of RYO vs factory made (categorical)

- 1 Mainly Factory-made

4.11 KOREA 1 KR

- 2 Mainly hand-rolled – tobacco leaf
- 3 About the same
- 7 Not applicable
- 8 Refused
- 9 Don't know

aDE21911v - recruitment weight for M1 (cross-sectional weight)

aDE21915v - main weight for M1 (cross-sectional weight)

aBR21505v - current brand smoked how long

- 1 Less than one year
- 2 At least one year
- 7 Not applicable
- 8 Refused
- 9 Don't know

aQA21231v - time since end of last quit attempt, in months (derived)

aSB21226v - overall frequency of butting out before finishing

If SB221=2, 8 or 9, SB226v=0.

Otherwise SB226v=SB226.

- 0 Never
- 1 Once
- 2 A few times
- 3 Lots of times

aPU21555v - price per unit, regardless of packaging. (derived)

- 1 PU555v equals price for 1 unit.
- 2 If respondent gave total price for all units, divide total price by number of units.

More specifically,

If PU201=1 and PU211=1, then PU555v=PU231.

If PU201=1 and PU211>1, then PU555v=PU241/PU211.

If PU201=2 and PU311=1, then PU555v=PU331.

If PU201=2 and PU311>1, then PU555v=PU341/PU311.

If PU201=3 and PU411=1, then PU555v=PU431.

If PU201=3 and PU411>1, then PU555v=PU441/PU411.

If FR326=02 or 3, and PU511=1, then PU555v=PU531.

If FR326=02 or 3, and PU511>1, then PU555v=PU541/PU511.

aST21302v - Number of non-cigarette tobacco prods used in Last Month (counter)

aST21552v - Number of less harmful cigarettes ever tried (counter)

aNR21112v - Number of NRT medications used since LSD (counter)

aNR21811v - received advice from doctor to quit, overall (including those who did not visit the doctor).

If NR801=2, NR811v=2.

Otherwise NR811v=NR811.

1 Yes

2 No

aNR21813v - referral from doctor to quit, overall (including those who did not visit the doctor).

If NR801=2, NR813v=2.

Otherwise NR813v=NR813.

1 Yes

2 No

aNR21815v - quitting Rx from doctor, overall (including those who did not visit the doctor).

If NR801=2, NR815v=2.

Otherwise NR815v=NR815.

1 Yes

2 No

aNR21817v - quitting pamphlet from doctor, overall (including those who did not visit the doctor).

If NR801=2, NR817v=2.

Otherwise NR817v=NR817.

1 Yes

2 No

aNR21821v - support for having quit, overall (including those who did not visit the doctor).

If NR801=2, NR821v=2.

Otherwise NR821v=NR821.

1 Yes

2 No

4.11 KOREA 1 KR

4 ARCHIVED PROJECTS

aNR21823v - referral to help stay quit, overall (including those who did not visit the doctor).

If NR801=2, NR823v=2.

Otherwise NR823v=NR823.

1 Yes

2 No

aNR21825v - Rx from doctor (for quitters), overall (including those who did not visit the doctor).

If NR801=2, NR825v=2.

Otherwise NR825v=NR825.

1 Yes

2 No

aNR21827v - pamphlet on staying quit, overall (including those who did not visit the doctor).

If NR801=2, NR827v=2.

Otherwise NR827v=NR827.

1 Yes

2 No

4.11.3 KOREA KR2

The ITC KOREA KR2 study was conducted in 2008 from October 15 to December 19. For more information see the technical report which can be found [here](#).

Variable Name	Label
bFR21309v	Q.026 – smoking status
bDE21915v	rescaled cross-sectional weights for P2
bDE21917v	rescaled cross-sectional weights for M2
bDE21919v	Combined cross-sectional weights for M2/P2
bDE21921v	rescaled longitudinal weights for M1-M2 continuers
bFR21245v	Q.028a – CPD (cigs per day) – continuous
bFR21250v	Q.028b – CPD (cigs per day) – categories
bSB21012v	Q.041a – min to first cig (continuous)
bSB21013v	Q.041b – min to first cigarette (category)
bFR21260v	Heaviness of Smoking Index (derived)
bBQ21150v	Quit intentions (derived)
bFR21333v	Q.031b – use of RYO vs factory made (categ)
bQA21231V	Q.021e – time since end of last quit attempt (derived)
bQA21442V	Q.015f – when did you quit – composite, #days
bQA21662V	Q.017g – since end of quit in 6M – composite, # days
bQA21236V	Q.017p – Time smokefree on most recent QA
bQA21553V	Q.019e – longest time smoke-free since LSD – composite in days
bSB21226V	Q.047c – overall freq of butting out before finishing
bPU21555V	Q.092 – Price per unit of tobacco purchase
bCH21811V	Q.173a – received advice from doctor to quit, overall
bCH21813V	Q.173b – referral from doctor to quit, overall
bCH21815V	Q.173c – quitting Rx from doctor, overall
bCH21817V	Q.173d – quitting pamphlet from doctor, overall
bCH21821V	Q.178a – support for having quit, overall
bCH21823V	Q.178b – referral to help stay quit, overall
bCH21825V	Q.178c – Rx from doctor (for quitters), overall
bCH21827V	Q.178d – pamphlet on staying quit, overall

Table 122: Derived Variables for wave 2 of the ITC KOREA (KR) Survey.

bFR21309v - Smoking status in current wave:

If FR301=1 then FR309v = LSD smoking status.

Otherwise:

- 1 Daily smoker (if QA711 OR FR306).
- 2 Weekly smoker (if QA711 OR FR306).
- 3 Monthly (if QA711 OR FR306=3-4).

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

- 4 Quit in the last month (if QA442v<=30).
- 5 Quit 1-6 months ago (if QA442v>30 and<=180).
- 6 Quit 6-12 months ago (if QA442v>180 and <=365).
- 7 Quit for more than one year.

bDE21915v - rescaled cross-sectional weights for P2

bDE21917v - rescaled cross-sectional weights for M2

bDE21919v - Combined cross-sectional weights for M2/P2

bDE21921v - rescaled longitudinal weights for M1-M2 continuers

bFR21245v - CPD (cigarettes per day)

Continuous

bFR21250v - CPD (cigarettes per day) – categorical

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 Equal to or more than 31 cigarettes
- 7 Not applicable
- 8 Refused
- 9 Don't know

bSB21012v - Total minutes to first cigarette.

Continuous

bSB21013v - Total minutes to first cigarette, categorical

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6 to 30 minutes
- 3 5 minutes or less

bFR21260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bBQ21150v - Quit intentions (derived)

1 Yes

2 No

bFR21333v - use of RYO vs factory made (categorical)

1 Mainly Factory-made

2 Mainly hand-rolled – tobacco leaf

3 About the same

7 Not applicable

8 Refused

9 Don't know

bQA21231V - Time since end of most recent quit attempt, in months.

bQA21442V - Number of days since start of most recent quit attempt.

bQA21662V - Number of days since most recent quit attempt ended.

bQA21236V - Days smokefree on most recent Quit Attempt.

bQA21553V - Number of days of longest time smoke-free since LSD – composite in days

bSB21226V - Overall frequency of butting out before finishing

If SB221=2, 8 or 9, SB226v=0.

Otherwise SB226v=SB226.

0 Never

1 Once

2 A few times

3 Lots of times

bPU21555V - Price per unit of tobacco purchase, regardless of packaging.

1 PU555v equals price for 1 unit, if given (in PU231, PU331, PU431, or PU531) .

2 If respondent gave total price for all units, divide total price by number of units.

More specifically,

If PU201=1 and PU211=1, then PU555v=PU231.

If PU201=1 and PU211>1, then PU555v=PU241/PU211.

If PU201=2 and PU311=1, then PU555v=PU331.

If PU201=2 and PU311>1, then PU555v=PU341/PU311.

If PU201=3 and PU411=1, then PU555v=PU431.

If PU201=3 and PU411>1, then PU555v=PU441/PU411.

If FR326=2 or 3, and BR227=2, and PU511=1, then PU555v=PU531.

If FR326=2 or 3, and BR227=2, and PU511>1, then PU555v=PU541/PU511.

bCH21811V - Q.173a – received advice from doctor to quit, overall (incl those who did not visit the doctor)

bCH21813V - Q.173b – referral from doctor to quit, overall (incl those who did not visit the doctor)

bCH21815V - Q.173c – quitting Rx from doctor, overall (incl those who did not visit the doctor)

bCH21817V - Q.173d – quitting pamphlet from doctor, overall (incl those who did not visit the doctor)

bCH21821V - Q.178a – support for having quit, overall (incl those who did not visit the doctor)

bCH21823V - Q.178b – referral to help stay quit, overall (incl those who did not visit the doctor)

bCH21825V - Q.178c – Rx from doctor (for quitters), overall (incl those who did not visit the doctor)

bCH21827V - Q.178d – pamphlet on staying quit, overall (incl those who did not visit the doctor)

4.11.4 KOREA KR3

The ITC KOREA KR3 study was conducted in 2010 from October 6 to December 10. For more information see the technical report which can be found [here](#).

Variable Name	Label
cFR21309v	smoking status
cDE21915v	rescaled cross-sectional weights for P3
cDE21917v	rescaled cross-sectional weights for M3
cDE21919v	Combined cross-sectional weights for M3/P3
cDE21921v	rescaled longitudinal weights for M1-M2-M3 continuers
cDE21923v	rescaled longitudinal weights for M2-M3 continuers
cFR21245v	CPD (cigs per day) – continuous
cFR21250v	CPD (cigs per day) – categories
cFR21260v	Heaviness of Smoking Index (HSI)
cFR21333v	use of RYO vs factory made (categ)
cQA21108v	any quit attempts in past year – composite
cQA21231v	time since end of last quit attempt – composite, months
cQA21235v	time smoke-free on recent QA – composite, months
cQA21236v	QA21236v... smokefree on most recent QA – composite, # days
cSB21012v	min to first cig (continuous)
cSB21013v	min to first cigarette (category)
cSB21226v	overall freq of butting out before finishing
cPU21555v	Price per unit of tobacco purchase
cCH21811v	received advice from doctor to quit, overall
cCH21813v	referral from doctor to quit, overall
cCH21815v	quitting Rx from doctor, overall
cCH21817v	quitting pamphlet from doctor, overall
educ	education categories (all countries)
cQA21442v	QA21442v... when did you quit – composite, #days
cQA21662v	QA21662v... since end of quit in 6M – composite, # days
cQA21553v	QA21553v... longest time smoke-free since LSD – composite in days
cCH21821v	CH21821v... support for having quit, overall
cCH21823v	CH21823v... referral to help stay quit, overall
cCH21825v	CH21825v... Rx from doctor (for quitters), overall
cCH21827v	CH21827v... pamphlet on staying quit, overall

Table 123: Derived Variables for wave 3 of the ITC KOREA (KR) Survey.

cFR21309v - smoking status in current wave:

If FR301=1 then FR309v = [bFR309v].

Otherwise:

1 Daily smoker (if QA711 OR FR306=1).

2 Weekly smoker (if QA711 OR FR306=2).

3 Monthly (if QA711=3 OR FR306=3-4).

If QA701=2 OR QA706=1 OR QA711=4 OR FR306=5:

4 Quit in the last month (if QA442v<=30.44).

5 Quit 1-6 months ago (if QA442v>30.44 and <=182.6).

6 Quit 6-12 months ago (if QA442v>182.6 and <=365.25).

7 Quit>12 months ago (if QA442v>365.25).

cDE21915v - rescaled cross-sectional weights for P3

cDE21917v - rescaled cross-sectional weights for M3

cDE21919v - Combined cross-sectional weights for M3/P3

cDE21921v - rescaled longitudinal weights for M1-M2-M3 continuers

cDE21923v - rescaled longitudinal weights for M2-M3 continuers

cFR21245v - CPD (cigarettes per day)

Continuous

cFR21250v - CPD (cigarettes per day) – categorical

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 Equal to or more than 31 cigarettes

7 Not applicable

8 Refused

9 Don't know

cFR21260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cFR21333v - use of RYO vs factory made (categorical)

1 Mainly Factory-made (FR331<5)

2 Mainly hand-rolled – tobacco leaf (FR331>5)

3 About the same (FR331=5)

cQA21108v - any quit attempts in past year – composite

cQA21231v - time since end of last quit attempt, in months.

cQA21235v - time smoke-free on recent quit attempt, in months.

cQA21236v - Days smokefree on most recent attempt.

cSB21012v - Total minutes to first cigarette.

Continuous

cSB21013v - Total minutes to first cigarette, categorical

0 More than 60 minutes

1 31-60 minutes

2 6 to 30 minutes

3 5 minutes or less

cSB21226v - Overall frequency of butting out before finishing

If SB221=2, 8 or 9, SB226v=0.

Otherwise SB226v=SB226.

0 Never

1 Once

2 A few times

3 Lots of times

cPU21555v - Price per unit of tobacco purchase, regardless of packaging.

1 PU555v equals price for 1 unit, if given (in PU231, PU331, PU431, or PU531) .

2 If respondent gave total price for all units, divide total price by number of units.

More specifically,

If PU201=1 and PU211=1, then PU555v=PU231.

If PU201=1 and PU211>1, then PU555v=PU241/PU211.

If PU201=2 and PU311=1, then PU555v=PU331.

If PU201=2 and PU311>1, then PU555v=PU341/PU311.

If PU201=3 and PU411=1, then PU555v=PU431.

If PU201=3 and PU411>1, then PU555v=PU441/PU411.

If FR326=2 or 3, and BR227=2, and PU511=1, then PU555v=PU531.

If FR326=2 or 3, and BR227=2, and PU511>1, then PU555v=PU541/PU511.

- cCH21811v - received advice from doctor to quit, overall (incl those who did not visit the doctor)
- cCH21813v - referral from doctor to quit, overall (incl those who did not visit the doctor)
- cCH21815v - quitting Rx from doctor, overall (incl those who did not visit the doctor)
- cCH21817v - quitting pamphlet from doctor, overall (incl those who did not visit the doctor)
- educ - education categories (all countries)
- cQA21442v - Number of days since start of most recent quit attempt.
- cQA21662v - Number of days since most recent quit attempt ended.
- cQA21553v - number of days of longest time smokefree since LSD.
- cCH21821v - CH21821v... support for having quit, overall (incl those who did not visit the doctor)
- cCH21823v - CH21823v... referral to help stay quit, overall (incl those who did not visit the doctor)
- cCH21825v - CH21825v... Rx from doctor (for quitters), overall (incl those who did not visit the doctor)
- cCH21827v - CH21827v... pamphlet on staying quit, overall (incl those who did not visit the doctor)

4.12 KOREA 2 KOR

The International Tobacco Control (ITC) Korea 2 (KOR) survey had 1 wave of data collection that was conducted in 2016.

Korea has had studies for 3 different cohorts of respondents; KR, then KOR and now currently KRA.

4.12.1 KOR Core

Variable Name	Description
<code>country</code>	ITC Country Code : 21 - KOREA
<code>cohort</code>	Wave of Recruitment of Respondent
<code>sex</code>	Sex of Respondent at Recruitment
<code>age</code>	Age at Recruitment of Respondent (Continuous)
<code>agegrp</code>	Age at Recruitment of Respondent (Categorical)
<code>BirthYr</code>	Respondent Year of Birth
<code>rSmoke</code>	Smoking Status at Recruitment
<code>inM1</code>	Used to indicate that Respondent was recruited in Wave 1
<code>aStrata</code>	Strata of Respondent at Wave 1

Table 124: Derived Variables for the core dataset at wave 1 of the ITC KOREA (KOR) Survey.

4.12 KOREA 2 KOR

country - ITC Country Code : 21 - KOREA

cohort - Wave of Recruitment of Respondent

sex - Sex of Respondent at Recruitment

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55 and up

BirthYr - Respondent Year of Birth

rSmoke - Smoking Status at Recruitment

1 daily

2 weekly

3 monthly

4 quit < 1 month ago

5 quit 1-6 months ago

6 quit 6-12 months ago

7 quit > 12 months ago

inM1 - Used to indicate that Respondent was recruited in Wave 1

0 Absent/excluded

1 Present/included

7 NA

aStrata - Strata of Respondent at Wave 1

1 Seoul

2 Incheon+Gyeonggi

3 Dejeon + Sejong + Chungbuk + Chungnam

4 Gwangju + Jeonbuk + Jeonnam

5 Daegu + Gyungbuk

6 Busan + Ulsan + Gyungnam

7 Gangwon + Jeju

4.12.2 KOREA KOR1

The ITC KOREA KOR1 study was conducted in 2016 from June 7 to July 20. For more information see the technical report which can be found [here](#).

Variable Name	Label
aBI21652	Mode
aFR21309v	Derived Smoking Status
aDE21915v	Wave 1 cross-sectional weights
aDE21919v	Wave 1 rescaled cross-sectional weights
aFR21245v	CPD (cigs per day) – continuous
aFR21250v	CPD (cigs per day) – categories
aFR21333v	mainly factory-made vs RYO (derived)
aSB21013v	Derived: Time to the first cig (Categories)
aFR21260v	Heaviness of Smoking Index (HSI)
aSB21226v	freq of butting out before finishing (derived)
aSM21111v	used any quitting meds (derived)
aSM21161v	SSM used to quit
aPU21555v	Derived: Price per Pack
aEF21005v	awareness of e-cigs (derived)
aDE21212v	Derived: Household income (Categories)
aDE21312v	Derived: Highest Level of Education (Categories)
ageGen	Stratum identifier - 1. Age/Gender

Table 125: Derived Variables for wave 1 of the ITC KOREA (KOR) Survey.

aBI21652 - Derived variable: Phone type by which the respondent was reached.

- 1 landline
- 2 mobile

aFR21309v - Derived variable – smoking status

- 1 Daily smoker (FR211=1)
- 2 Weekly smoker (FR221=1)
- 3 Monthly smoker (FR231=1)

aDE21915v - Wave 1 cross-sectional weights

aDE21919v - Wave 1 rescaled cross-sectional weights

aFR21245v - Derived variable: cigarettes per day (continuous), calculated from FR216, FR226, or FR236

Continuous

aFR21250v - Derived variable: cigarettes per day (categories), calculated from FR245V

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 Equal to or more than 31 cigarettes
- 8 Refused
- 9 Don't know

aFR21333v - mainly factory-made vs RYO (derived)

- 1 Mainly factory-made
- 2 Mainly hand-rolled – tobacco leaf
- 3 About the same

aSB21013v - Total minutes to first cigarette, categorical

- 0 More than 60 minutes
- 1 31-60 minutes
- 2 6 to 30 minutes
- 3 5 minutes or less

aFR21260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aSB21226v - freq of butting out before finishing (derived) Combination of SB221 (ever butt out) with SB226 (freq of butting out).

- 0 Never
- 1 Once
- 2 A couple of times
- 3 Lots of times
- 7 Not applicable
- 8 Refused
- 9 Don't know

aSM21111v - Derived variable used in place of SM111 for those who told us in QA section that they used meds at last QA.

If (any of SM920, SM940, SM942 or SM949=1), response=1.

Otherwise, response=2.

- 1 Yes
- 2 No

aSM21161v - Derived variable: used meds to quit in last 12M:

If SM111v=1 or SM119=1, then SM161v=1.

Otherwise SM161v=2.

- 1 Yes
- 2 No

aPU21555v - Derived: Price per Pack Calculated variable: price per unit, regardless of packaging.

- 1 PU555v equals price for 1 unit, if given (in PU231, PU331, PU431, or PU531) .
- 2 If respondent gave total price for all units, divide total price by number of units.

More specifically,

If PU201=1 and PU211=1, then PU555v=PU231.

If PU201=1 and PU211 \neq 1, then PU555v=PU241/PU211.

If PU201=2 and PU311=1, then PU555v=PU331.

If PU201=2 and PU311 \neq 1, then PU555v=PU341/PU311.

If PU201=3 and PU411=1, then PU555v=PU431.

If PU201=3 and PU411 \neq 1, then PU555v=PU441/PU411.

If FR326=2 or 3, and BR227=2, and PU511=1, then PU555v=PU531.

If FR326=2 or 3, and BR227=2, and PU511 \neq 1, then PU555v=PU541/PU511.

4.12 KOREA 2 KOR

aEF21005v - awareness of e-cigs (derived)

If any of EK210, EQ101 or NC301=1, then EF005v=1.

Otherwise EF005v=2.

- 1 Yes, heard of
- 2 No, haven't heard of

aDE21212v - Level of Household Income (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

aDE21312v - Highest Level of Education (categorical)

- 1 Low
- 2 Moderate
- 3 High
- 4 Not Stated

ageGen - Stratum identifier - 1. Age/Gender

- 1 Female
- 2 Male 19-39
- 3 Male 40+

4.13 Mauritius MU

The International Tobacco Control (ITC) Mauritius (MU) survey had 3 waves of data collection that were conducted between 2009 and 2011. All waves in this study have separate samples which means that they have separate data sets for smokers (smk) and non-smokers (nsmk).

4.13.1 MU Core

Variable Name	Description
<code>cohort</code>	Wave of Recruitment of Respondent
<code>sex</code>	Gender of Respondent
<code>age</code>	Age at Recruitment of Respondent (Continuous)
<code>agegrp</code>	Age at Recruitment of Respondent (Categorical)
<code>rSmoke</code>	Smoking Status at Recruitment
<code>Strata</code>	Strata of Respondent at Wave 1
<code>psu</code>	primary sampling unit (cluster) of Respondent at Wave 1
<code>inM1</code>	Respondent was recruited in Wave 1
<code>inM2</code>	Respondent was recontacted at Wave 2
<code>inP2</code>	Respondent was recruited via replenishment at Wave 2
<code>inM3</code>	Respondent was recontacted at Wave 3
<code>inP3</code>	Respondent was recruited via replenishment at Wave 3
<code>lost</code>	Wave when respondent was lost to follow up

Table 126: Derived Variables for the core dataset at wave 3 of the ITC Mauritius (MU) Survey.

4.13 Mauritius MU

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

- 1 Male
- 2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

rSmoke - Smoking Status at Recruitment

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 month ago
- 5 quit 1-6 months ago
- 6 quit > 6 months ago

Strata - Strata of Respondent at Wave 1

- 11 Port Louis
- 12 Pamplemousses
- 13 Riviere du Rempart
- 14 Flacq
- 15 Grand Port
- 16 Savanne
- 17 Plaines Wilhems
- 18 Moka
- 19 Black River

psu - primary sampling unit (cluster) of Respondent at Wave 1

Continuous

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

4.13 Mauritius MU

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM1, inM2, inP2, inM3 and inP3 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

lost - Wave when respondent was lost to follow up

Continuous

4.13.2 Mauritius MU1

The ITC Mauritius MU1 study was conducted in 2009 from April 21 to May 24. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
aDE73915v	wave 1 cross-sectional weight
aDE73919v	wave 1 rescaled cross-sectional weight
aFR73309v	smoking status
aFR73245v	cpd (cig/day), continuous
aFR73250v	cpd (cig/day), grouped
aSB73012v	time to first cig, grouped
aFR73260v	hsi (heaviness of smoking index)
aBQ73150v	intention to quit
aQA73231v	time since end of most recent quit attempt (derived, in days)
aQA73236v	time smoke free on most recent quit attempt (derived, in days)
aQA73242v	longest time smoke free (derived, in days)

Table 127: Derived Variables for wave 1 of the ITC Mauritius (MU) Survey.

4.13 Mauritius MU

aDE73915v - wave 1 cross-sectional weight

aDE73919v - wave 1 rescaled cross-sectional weight

aFR73309v - smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 month ago

5 quit 1-6 months ago

6 quit > 6 months ago

aFR73245v - cpd (cigarettes/day), continuous

Continuous

aFR73250v - cpd (cigarettes/day), grouped

0 0-10 cig/day

1 11-20 cig/day

2 21-30 cig/day

3 31+ cig/day

aSB73012v - time to first cigarette, grouped

0 61+ minutes

1 31-60 minutes

2 6-30 minutes

3 <= minutes or

aFR73260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aBQ73150v - intention to quit

0 does not plan to quit

1 plans to quit

7 na

8 refused

9 don't know

aQA73231v - time since end of most recent quit attempt (derived, in days)

Continuous

aQA73236v - time smoke free on most recent quit attempt (derived, in days)

Continuous

aQA73242v - longest time smoke free (derived, in days)

Continuous

4.13.3 Mauritius MU2

The ITC Mauritius MU2 study was conducted in 2010 from August 30 to November 2. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
bDE73915v	Wave 2 cross-sectional weights for new recruits (P2)
bDE73917v	Wave 2 cross-sectional weights for M1-M2 continuers
bDE73919v	rescaled Wave 2 cross-sectional weight
bDE73921v	rescaled longitudinal weight for M1-M2 continuers
bFR73309v	smoking status
bFR73245v	cpd (cig/day), continuous
bFR73250v	cpd (cig/day), grouped
bSB73012v	time to first cig, grouped
bFR73260v	hsi (heaviness of smoking index)
bBQ73150v	intention to quit
bQA73231v	time since end of most recent quit attempt (derived, in days)
bQA73236v	time smoke free on most recent quit attempt (derived, in days)
bQA73242v	longest time smoke free (derived, in days)
bQA73442v	time since quit attempt started (derived, in days)
bDE73312v	grouped education (derived)
bDE73212v	grouped income (derived)

Table 128: Derived Variables for wave 2 of the ITC Mauritius (MU) Survey.

4.13 Mauritius MU

bDE73915v - Wave 2 cross-sectional weights for new recruits (P2)

bDE73917v - Wave 2 cross-sectional weights for M1-M2 continuers

bDE73919v - rescaled Wave 2 cross-sectional weight

bDE73921v - rescaled longitudinal weight for M1-M2 continuers

bFR73309v - smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 month ago

5 quit 1-6 months ago

6 quit > 6 months ago

bFR73245v - cpd (cigarettes/day), continuous

Continuous

bFR73250v - cpd (cigarettes/day), grouped

0 0-10 cig/day

1 11-20 cig/day

2 21-30 cig/day

3 31+ cig/day

bSB73012v - time to first cigarette, grouped

0 61+ minutes

1 31-60 minutes

2 6-30 minutes

3 <= minutes or

bFR73260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bBQ73150v - intention to quit

0 does not plan to quit

1 plans to quit

7 na

8 refused

9 don't know

bQA73231v - time since end of most recent quit attempt (derived, in days)

Continuous

bQA73236v - time smoke free on most recent quit attempt (derived, in days)

Continuous

bQA73242v - longest time smoke free (derived, in days)

Continuous

bQA73442v - time since quit attempt started (derived, in days)

Continuous

bDE73312v - grouped education (derived)

1 Up to Form 4

2 SC/HSC/Vocational

3 University level

bDE73212v - grouped income (derived)

1 < 15,000

2 15,000 - 24,999

3 \geq 25,000

9 Not reported

4.13.4 Mauritius MU3

The ITC Mauritius MU3 study was conducted in 2011 from June 20 to July 10. For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set.

Variable Name	Label
cDE73915v	wave 3 cross-sectional weights for new recruits (P3)
cDE73917v	wave 3 cross-sectional weights for M2/P2-M3 continuers
cDE73919v	rescaled Wave 3 cross-sectional weight
cDE73921v	rescaled longitudinal weight for M1-M2-M3 continuers
cDE73923v	rescaled longutindal weight for M2/P2-M3 continuers
cFR73309v	smoking status
cFR73245v	cpd (cig/day), continuous
cFR73250v	cpd (cig/day), grouped
cSB73012v	time to first cig, grouped
cFR73260v	hsi (heaviness of smoking index)
cBQ73150v	intention to quit
cQA73231v	time since end of most recent quit attempt (derived, in days)
cQA73236v	time smoke free on most recent quit attempt (derived, in days)
cQA73242v	longest time smoke free (derived, in days)
cQA73442v	time since quit attempt started (derived, in days)
cDE73312v	grouped education (derived)
cDE73212v	grouped income (derived)

Table 129: Derived Variables for wave 3 of the ITC Mauritius (MU) Survey.

4.13 Mauritius MU

cDE73915v - wave 3 cross-sectional weights for new recruits (P3)

cDE73917v - wave 3 cross-sectional weights for M2/P2-M3 continuers

cDE73919v - rescaled Wave 3 cross-sectional weight

cDE73921v - rescaled longitudinal weight for M1-M2-M3 continuers

cDE73923v - rescaled longitudinal weight for M2/P2-M3 continuers

cFR73309v - smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 month ago

5 quit 1-6 months ago

6 quit > 6 months ago

cFR73245v - cpd (cigarettes/day), continuous

Continuous

cFR73250v - cpd (cigarettes/day), grouped

0 0-10 cig/day

1 11-20 cig/day

2 21-30 cig/day

3 31+ cig/day

cSB73012v - time to first cigarette, grouped

0 61+ minutes

1 31-60 minutes

2 6-30 minutes

3 <= minutes or

cFR73260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cBQ73150v - intention to quit

0 does not plan to quit

1 plans to quit

7 na

8 refused

9 don't know

cQA73231v - time since end of most recent quit attempt (derived, in days)

Continuous

cQA73236v - time smoke free on most recent quit attempt (derived, in days)

Continuous

cQA73242v - longest time smoke free (derived, in days)

Continuous

cQA73442v - time since quit attempt started (derived, in days)

Continuous

cDE73312v - grouped education (derived)

1 Up to Form 4

2 SC/HSC/Vocational

3 University level

cDE73212v - grouped income (derived)

1 < 15,000

2 15,000 - 24,999

3 >= 25,000

9 Not reported

4.14 Mexico MX

The International Tobacco Control (ITC) Mexico (MX) survey had 7 waves of data collection that were conducted between 2006 and 2015.

4.14.1 MX Core

Variable Name	Description
country	ITC Country Code : 51 - MX
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
rSmoke	Smoking Status at Recruitment
rDate	date of recruitment into survey
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
inM5	Respondent was recontacted at Wave 5
inP5	Respondent was recruited via replenishment at Wave 5
inM6	Respondent was recontacted at Wave 6
inP6	Respondent was recruited via replenishment at Wave 6
inM7	Respondent was recontacted at Wave 7
inP7	Respondent was recruited via replenishment at Wave 7
Strata	strata information at recruitment of Respondent
psu1	primary sampling unit of Respondent

Table 130: Derived Variables for the core dataset at wave 7 of the ITC Mexico (MX) Survey.

4.14 Mexico MX

country - ITC Country Code : 51 - MX

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Male

2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55+

rSmoke - Smoking Status at Recruitment

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

rDate - date of recruitment into survey

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM5 - Respondent was recontacted at Wave 5

inP5 - Respondent was recruited via replenishment at Wave 5

4.14 Mexico MX

inM6 - Respondent was recontacted at Wave 6

inP6 - Respondent was recruited via replenishment at Wave 6

inM7 - Respondent was recontacted at Wave 7

inP7 - Respondent was recruited via replenishment at Wave 7

inM1, inM2, inP2, inM3, inP3, inM4, inP4, inM5, inP5, inM6, inP6, inM7, and inP7 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

Strata - strata information at recruitment of Respondent

2 Tijuana

8 Juarez

9 Distrito

11 Leon

14 Guadalajara

19 Monterey

21 Puebla

31 Merida

psu1 - primary sampling unit of Respondent

Continuous

4.14.2 Mexico MX1

The ITC Mexico MX1 study was conducted in 2006 from September 10 to November 17. For more information see the technical report which can be found [here](#). For Information about sample weighting see the weight document which can be found [here](#).

Variable Name	Label
aDE51915v	wave 1 cross-sectional weight
aDE51919v	wave 1 rescaled cross-sectional weight
aFR51310v	derived – Smoker/Nonsmoker/Quitter
aFR51309v	derived – smoking status
aFR51245v	derived – CPD (Continuous)
aFR51250v	derived – CPD (Categories)
aFR51260v	derived – Heaviness Smoke Index (HSI)
aSB51012v	derived – time to the first cig after waking(continuous)
aSB51013v	derived – time to the first cig after waking(Categories)
aQA51231v	derived – Months since start of last serious QA
aQA51235v	derived – length of last serious quit (Months)

Table 131: Derived Variables for wave 1 of the ITC Mexico (MX) Survey.

4.14 Mexico MX

aDE51915v - wave 1 cross-sectional weight

aDE51919v - wave 1 rescaled cross-sectional weight

aFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

aFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

aFR51245v - derived – CPD

Continuous

aFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

aFR51260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aSB51012v - derived – time to the first cigarette after waking

Continuous

aSB51013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

- 4.14 Mexico MX
- 2 2 (6-30 min)
 - 3 3 (≤ 5 min)
 - 7 NA
 - 8 Refused
 - 9 DK

aQA51231v - derived – Months since start of last serious quit attempt

Continuous

aQA51235v - derived – length of last serious quit (Months)

Continuous

4.14.3 Mexico MX2

The ITC Mexico MX2 study was conducted in 2007 from October 1 to December 1. For more information see the technical report which can be found X. For Information about sample weighting see the weight document which can be found [here](#).

Variable Name	Label
bDE51915v	Wave 2 final city level weight
bDE51919v	Wave 2 rescaled city level weight
bDE51921v	Waves 12 longitudinal weights rescaled to age sex group
bDE51951v	Waves 12 longitudinal weights rescaled to city sample size
bFR51310v	derived – Smoker/Nonsmoker/Quitter
bFR51309v	derived – smoking status
bFR51245v	derived – CPD (Continuous)
bFR51250v	derived – CPD (Categories)
bFR51260v	derived – Heaviness Smoke Index (HSI)
bQA51561v	Derived – ever tried to quit last year
bQA51231v	derived – months since start of last serious QA
bQA51235v	derived – length of last serious quit (Months)
bSB51012v	derived – time to the first cig after waking(continuous)
bSB51013v	derived – time to the first cig after waking(Categories)

Table 132: Derived Variables for wave 2 of the ITC Mexico (MX) Survey.

4.14 Mexico MX

bDE51915v - Wave 2 final city level weight

bDE51919v - Wave 2 rescaled city level weight

bDE51921v - Waves 12 longitudinal weights rescaled to age sex group

bDE51951v - Waves 12 longitudinal weights rescaled to city sample size

bFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

bFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

bFR51245v - derived – CPD

Continuous

bFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

bFR51260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bQA51561v - Derived – ever tried to quit last year

1 Yes

2 No

4.14 Mexico MX

7 NA

9 Don't know

bQA51231v - derived – months since start of last serious quit attempt

Continuous

bQA51235v - derived – length of last serious quit (Months)

Continuous

bSB51012v - derived – time to the first cigarette after waking

Continuous

bSB51013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

4.14.4 Mexico MX3

The ITC Mexico MX3 study was conducted in 2008 from November 4 to December 15. For more information see the technical report which can be found [here](#). For Information about sampling weighting see the weight document which can be found [here](#).

Variable Name	Label
cDE51915v	Wave 3 cross-sectional city level weight
cDE51919v	rescaled Wave 3 cross-sectional weights
cDE51921v	Waves 123 longitudinal weights rescaled to age sex group
cDE51951v	Waves 123 longitudinal weights rescaled to city sample size
cFR51310v	derived – Smoker/Nonsmoker/Quitter
cFR51309v	derived – smoking status
cFR51245v	derived – CPD (Continuous)
cFR51250v	derived – CPD (Categories)
cFR51260v	derived – Heaviness Smoke Index (HSI)
cQA51561v	Derived – ever tried to quit last year
cQA51231v	derived – Months since start of last serious QA
cQA51235v	derived – length of last serious quit (Months)
cSB51012v	derived – time to the first cig after waking(continuous)
cSB51013v	derived – time to the first cig after waking(Categories)

Table 133: Derived Variables for wave 3 of the ITC Mexico (MX) Survey.

4.14 Mexico MX

cDE51915v - Wave 3 cross-sectional city level weight

cDE51919v - rescaled Wave 3 cross-sectional weights

cDE51921v - Waves 123 longitudinal weights rescaled to age sex group

cDE51951v - Waves 123 longitudinal weights rescaled to city sample size

cFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

cFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

cFR51245v - derived – CPD

Continuous

cFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

cFR51260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cQA51561v - Derived – ever tried to quit last year

1 Yes

2 No

4.14 Mexico MX

7 NA

9 Don't know

cQA51231v - derived – Months since start of last serious quit attempt

Continuous

cQA51235v - derived – length of last serious quit (Months)

Continuous

cSB51012v - derived – time to the first cigarette after waking

Continuous

cSB51013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

4.14.5 Mexico MX4

The ITC Mexico MX4 study was conducted in 2010 from January 15 to February 26. For more information see the technical report which can be found [here](#). For Information about sampling weighting see the weight document which can be found [here](#).

Variable Name	Label
dDE51915v	Wave 4 cross-sectional city level weight
dDE51919v	rescaled Wave 4 cross-sectional weights
dDE51921v	Waves 1234 longitudinal weights rescaled to age sex group
dDE51951v	Waves 1234 longitudinal weights rescaled to city sample size
dDE51925v	Waves 34 longitudinal weights rescaled to age sex group
dDE51955v	Waves 34 longitudinal weights rescaled to city sample size
dFR51310v	derived – Smoker/Nonsmoker/Quitter
dFR51309v	derived – smoking status
dFR51245v	derived – CPD (Continuous)
dFR51250v	derived – CPD (Categories)
dFR51260v	derived – Heaviness Smoke Index (HSI)
dQA51561v	Derived – ever tried to quit last year
dQA51231v	derived – Months since start of last serious QA
dQA51235v	derived – length of last serious quit (Months)
dSB51012v	derived – time to the first cig after waking(continuous)
dSB51013v	derived – time to the first cig after waking(Categories)

Table 134: Derived Variables for wave 4 of the ITC Mexico (MX) Survey.

4.14 Mexico MX

dDE51915v - Wave 4 cross-sectional city level weight

dDE51919v - rescaled Wave 4 cross-sectional weights

dDE51921v - Waves 1234 longitudinal weights rescaled to age sex group

dDE51951v - Waves 1234 longitudinal weights rescaled to city sample size

dDE51925v - Waves 34 longitudinal weights rescaled to age sex group

dDE51955v - Waves 34 longitudinal weights rescaled to city sample size

dFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

dFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

dFR51245v - derived – CPD

Continuous

dFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

dFR51260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dQA51561v - Derived – ever tried to quit last year

4.14 Mexico MX

- 1 Yes
- 2 No
- 7 NA
- 9 Don't know

dQA51231v - derived – Months since start of last serious quit attempt

Continuous

dQA51235v - derived – length of last serious quit (Months)

Continuous

dSB51012v - derived – time to the first cigarette after waking

Continuous

dSB51013v - derived – time to the first cigarette after waking(Categories)

- 0 0 (> 60 min)
- 1 1 (31-60 min)
- 2 2 (6-30 min)
- 3 3 (<= 5 min)
- 7 NA
- 8 Refused
- 9 DK

4.14.6 Mexico MX5

The ITC Mexico MX5 study was conducted in 2011 from April 15 to May 31. For more information see the technical report which can be found [here](#). For Information about sampling weighting see the weight document which can be found [here](#).

Variable Name	Label
eDE51915v	Wave5 cross-sectional weights
eDE51919v	rescaled Wave5 cross-sectional weights
eDE51921v	Waves 12345 longitudinal weights rescaled to age sex group
eDE51951v	Waves 12345 longitudinal weights rescaled to city sample size
eDE51925v	Waves 345 longitudinal weights rescaled to age sex group
eDE51955v	Waves 345 longitudinal weights rescaled to city sample size
eDE51927v	Waves 45 longitudinal weights rescaled to age sex group
eDE51957v	Waves 45 longitudinal weights rescaled to city sample size
eFR51309v	derived – smoking status
eFR51310v	derived – Smoker/Nonsmoker/Quitter
eFR51245v	derived – CPD (Continuous)
eFR51250v	derived – CPD (Categories)
eFR51260v	derived – Heaviness Smoke Index (HSI)
eQA51561v	Derived – ever tried to quit last year
eQA51231v	derived – Months since start of last serious QA
eQA51235v	derived – length of last serious quit (Months)
eSB51012v	derived – time to the first cig after waking(continuous)
eSB51013v	derived – time to the first cig after waking(Categories)

Table 135: Derived Variables for wave 5 of the ITC Mexico (MX) Survey.

eDE51915v - Wave5 cross-sectional weights

eDE51919v - rescaled Wave5 cross-sectional weights

eDE51921v - Waves 12345 longitudinal weights rescaled to age sex group

eDE51951v - Waves 12345 longitudinal weights rescaled to city sample size

eDE51925v - Waves 345 longitudinal weights rescaled to age sex group

eDE51955v - Waves 345 longitudinal weights rescaled to city sample size

eDE51927v - Waves 45 longitudinal weights rescaled to age sex group

eDE51957v - Waves 45 longitudinal weights rescaled to city sample size

eFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

eFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

eFR51245v - derived – CPD

Continuous

eFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

eFR51260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

eQA51561v - Derived – ever tried to quit last year

1 Yes

2 No

7 NA

9 Don't know

eQA51231v - derived – Months since start of last serious quit attempt

Continuous

eQA51235v - derived – length of last serious quit (Months)

Continuous

eSB51012v - derived – time to the first cigarette after waking

Continuous

eSB51013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

4.14.7 Mexico MX6

The ITC Mexico MX6 study was conducted in 2012 from October 18 to December 3. For more information see the technical report which can be found [here](#).

Variable Name	Label
fDE51915v	wave 6 cross-sectional city level weight
fDE51919v	rescaled wave 6 cross-sectional weight
fde51921v	wave 123456 longitudinal weights rescaled to age sex group
fde51951v	wave 123456 longitudinal weights rescaled to city sample size
fDE51925v	wave 3456 longitudinal weights rescaled to age sex group
fDE51955v	wave 3456 longitudinal weights rescaled to city sample size
fDE51927v	wave 456 longitudinal weights rescaled to age sex group
fDE51957v	wave 456 longitudinal weights rescaled to city sample size
fDE51929v	wave 56 longitudinal weights rescaled to age sex group
fDE51959v	wave 56 longitudinal weights rescaled to city sample size
fFR51310v	derived – Smoker/Nonsmoker/Quitter
fFR51309v	derived – smoking status
fFR51245v	derived – CPD (Continuous)
fFR51250v	derived – CPD (Categories)
fFR51260v	derived – Heaviness Smoke Index (HSI)
fQA51561v	Derived – ever tried to quit last year
fQA51231v	derived – Days since start of last serious QA
fQA51235v	derived – length of last serious quit (Days)
fSB51012v	derived – time to the first cig after waking(continuous)
fSB51013v	derived – time to the first cig after waking(Categories)

Table 136: Derived Variables for wave 6 of the ITC Mexico (MX) Survey.

fDE51915v - wave 6 cross-sectional city level weight

fDE51919v - rescaled wave 6 cross-sectional weight

fde51921v - wave 123456 longitudinal weights rescaled to age sex group

fde51951v - wave 123456 longitudinal weights rescaled to city sample size

fDE51925v - wave 3456 longitudinal weights rescaled to age sex group

fDE51955v - wave 3456 longitudinal weights rescaled to city sample size

fDE51927v - wave 456 longitudinal weights rescaled to age sex group

fDE51957v - wave 456 longitudinal weights rescaled to city sample size

fDE51929v - wave 56 longitudinal weights rescaled to age sex group

fDE51959v - wave 56 longitudinal weights rescaled to city sample size

fFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

fFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

fFR51245v - derived – CPD

Continuous

fFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

fFR51260v - derived – Heaviness of Smoking Index (HSI)

4.14 Mexico MX

0-2 low

3-4 moderate

5-6 high

fQA51561v - Derived – ever tried to quit last year

1 Yes

2 No

7 NA

9 Don't know

fQA51231v - derived – Days since start of last serious quit attempt

Continuous

fQA51235v - derived – length of last serious quit (Days)

Continuous

fSB51012v - derived – time to the first cigarette after waking

Continuous

fSB51013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

4.14.8 Mexico MX7

The ITC Mexico MX7 study was conducted from November 7, 2014 to March 2015. For more information see the technical report which can be found [here](#).

Variable Name	Label
gDE51915v	wave 6 cross-sectional city level weight
gDE51919v	rescaled wave 6 cross-sectional weight
gDE51921v	wave 1234567 longitudinal weights rescaled to age sex group
gDE51951v	wave 1234567 longitudinal weights rescaled to city sample size
gDE51925v	wave 34567 longitudinal weights rescaled to age sex group
gDE51955v	wave 34567 longitudinal weights rescaled to city sample size
gDE51927v	wave 4567 longitudinal weights rescaled to age sex group
gDE51957v	wave 4567 longitudinal weights rescaled to city sample size
gDE51929v	wave 567 longitudinal weights rescaled to age sex group
gDE51959v	wave 567 longitudinal weights rescaled to city sample size
gDE51931v	wave 67 longitudinal weights rescaled to age sex group
gDE51961v	wave 67 longitudinal weights rescaled to city sample size
gFR51310v	derived – Smoker/Nonsmoker/Quitter
gFR51309v	derived – smoking status
gSB51012v	derived – time to the first cig after waking(continuous)
gSB51013v	derived – time to the first cig after waking(Categories)
gFR51245v	derived – CPD (Continuous)
gFR51250v	derived – CPD (Categories)
gFR51260v	derived – Heaviness Smoke Index (HSI)
gQA51331v	Derived – ever tried to quit since LSD
gQA51231v	derived – Days since end of last serious QA
gQA51235v	derived – length of last serious quit (Days)

Table 137: Derived Variables for wave 7 of the ITC Mexico (MX) Survey.

gDE51915v - wave 6 cross-sectional city level weight

gDE51919v - rescaled wave 6 cross-sectional weight

gDE51921v - wave 1234567 longitudinal weights rescaled to age sex group

gDE51951v - wave 1234567 longitudinal weights rescaled to city sample size

gDE51925v - wave 34567 longitudinal weights rescaled to age sex group

gDE51955v - wave 34567 longitudinal weights rescaled to city sample size

gDE51927v - wave 4567 longitudinal weights rescaled to age sex group

gDE51957v - wave 4567 longitudinal weights rescaled to city sample size

gDE51929v - wave 567 longitudinal weights rescaled to age sex group

gDE51959v - wave 567 longitudinal weights rescaled to city sample size

gDE51931v - wave 67 longitudinal weights rescaled to age sex group

gDE51961v - wave 67 longitudinal weights rescaled to city sample size

gFR51310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

gFR51309v - derived – smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

7 quit since last wave

gSB51012v - derived – time to the first cigarette after waking

Continuous

gSB51013v - derived – time to the first cigarette after waking(Categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

4.14 Mexico MX

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

gFR51245v - derived – CPD

Continuous

gFR51250v - derived – CPD (Categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

9 DK

gFR51260v - derived – Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

gQA51331v - Derived – ever tried to quit since LSD

1 Yes

2 No

7 NA

8 Refused

9 Don't know

gQA51231v - derived – Days since end of last serious quit attempt

Continuous

gQA51235v - derived – length of last serious quit (Days)

Continuous

4.15 Netherlands 1 NL

The International Tobacco Control (ITC) Netherlands (NL) survey had 11 waves of data collection that were conducted between 2008 and 2017.

4.15.1 NL Core

Variable Name	Description
country	ITC Country Code : 42 - Netherlands
cohort	Wave of Recruitment of Respondent
mode	Survey Mode
sex	Sex of Respondent at Recruitment
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
inM1	Used to indicate that Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
inM5	Respondent was recontacted at Wave 5
inP5	Respondent was recruited via replenishment at Wave 5
inM6	Respondent was recontacted at Wave 6
inP6	Respondent was recruited via replenishment at Wave 6
inM7	Respondent was recontacted at Wave 7
inP7	Respondent was recruited via replenishment at Wave 7
inM8	Respondent was recontacted at Wave 8
inP8	Respondent was recruited via replenishment at Wave 8
inM9	Respondent was recontacted at Wave 9
inP9	Respondent was recruited via replenishment at Wave 9
inM10	Respondent was recontacted at Wave 10
inP10	Respondent was recruited via replenishment at Wave 10
inM11	Respondent was recontacted at Wave 11
inP11	Respondent was recruited via replenishment at Wave 11

Table 138: Derived Variables for the core dataset at wave 11 of the ITC Netherlands (NL) (a) Survey.

Variable Name	Description
aStrata	Strata of Respondent at Wave 1
bStrata	Strata of Respondent at Wave 2
cStrata	Strata of Respondent at Wave 3
dStrata	Strata of Respondent at Wave 4
eStrata	Strata of Respondent at Wave 5
fStrata	Strata of Respondent at Wave 6
gStrata	Strata of Respondent at Wave 7
hStrata	Strata of Respondent at Wave 8
iStrata	Strata of Respondent at Wave 9
jStrata	Strata of Respondent at Wave 10
kStrata	Strata of Respondent at Wave 11
aProvince	Province of Respondent at Wave 1
bProvince	Province of Respondent at Wave 2
cProvince	Province of Respondent at Wave 3
dProvince	Province of Respondent at Wave 4
eProvince	Province of Respondent at Wave 5
fProvince	Province of Respondent at Wave 6
gProvince	Province of Respondent at Wave 7
hProvince	Province of Respondent at Wave 8
iProvince	Province of Respondent at Wave 9
jProvince	Province of Respondent at Wave 10
kProvince	Province of Respondent at Wave 11

Table 139: Derived Variables for the core dataset at wave 11 of the ITC Netherlands (NL) (b) Survey.

4.15 *Netherlands 1 NL*

country - ITC Country Code : 42 - Netherlands

cohort - Wave of Recruitment of Respondent

mode - Survey Mode

1 CATI

2 CASI

sex - Sex of Respondent at Recruitment

1 Female

2 Male

age - Age at Recruitment of Respondent (Continuous)

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

0 Under 18

1 18-24

2 25-39

3 40-54

4 55+

inM1 - Used to indicate that Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM5 - Respondent was recontacted at Wave 5

inP5 - Respondent was recruited via replenishment at Wave 5

inM6 - Respondent was recontacted at Wave 6

inP6 - Respondent was recruited via replenishment at Wave 6

inM7 - Respondent was recontacted at Wave 7

inP7 - Respondent was recruited via replenishment at Wave 7

4.15 *Netherlands 1 NL*

inM8 - Respondent was recontacted at Wave 8

inP8 - Respondent was recruited via replenishment at Wave 8

inM9 - Respondent was recontacted at Wave 9

inP9 - Respondent was recruited via replenishment at Wave 9

inM10 - Respondent was recontacted at Wave 10

inP10 - Respondent was recruited via replenishment at Wave 10

inM11 - Respondent was recontacted at Wave 11

inP11 - Respondent was recruited via replenishment at Wave 11

inM1, inM2, inP2, inM3, inP3, inM4, inP4, inM5, inP5, inM6, inP6, inM7, inP7, inM8, inP8, inM9, inP9, inM10, inP10, inM11 and inP11 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

aStrata - Strata of Respondent at Wave 1

bStrata - Strata of Respondent at Wave 2

cStrata - Strata of Respondent at Wave 3

dStrata - Strata of Respondent at Wave 4

eStrata - Strata of Respondent at Wave 5

fStrata - Strata of Respondent at Wave 6

gStrata - Strata of Respondent at Wave 7

hStrata - Strata of Respondent at Wave 8

iStrata - Strata of Respondent at Wave 9

jStrata - Strata of Respondent at Wave 10

kStrata - Strata of Respondent at Wave 11

aStrata, bStrata, cStrata, dStrata, eStrata, fStrata, gStrata, hStrata, iStrata, jStrata and kStrata all have the following values:

1 CATI Sample

2 CASI sample aged 15-30

3 CASI sample aged 31+

4.15 Netherlands 1 NL

aProvince - Province of Respondent at Wave 1

bProvince - Province of Respondent at Wave 2

cProvince - Province of Respondent at Wave 3

dProvince - Province of Respondent at Wave 4

eProvince - Province of Respondent at Wave 5

fProvince - Province of Respondent at Wave 6

gProvince - Province of Respondent at Wave 7

hProvince - Province of Respondent at Wave 8

iProvince - Province of Respondent at Wave 9

jProvince - Province of Respondent at Wave 10

kProvince - Province of Respondent at Wave 11

aProvince, bProvince, cProvince, dProvince, eProvince, fProvince, gProvince, hProvince, iProvince, jProvince and kProvince all have the following values:

- 1 Groningen
- 2 Friesland
- 3 Drenthe
- 4 Overijssel
- 5 Gelderland
- 6 Flevoland
- 7 Utrecht
- 8 Noord-Holland
- 9 Zuid-Holland
- 10 Zeeland
- 11 Noord-Brabant
- 12 Limburg

4.15.2 Netherlands NL1

The ITC Netherlands NL1 study was conducted in 2008 from March 13 to April 25. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE42919v	Wave 1 rescaled cross-sectional weights (CASI+CATI)
aFR42309V	smoking status
aFR42245v	cigarettes per day – continuous
aFR42250v	cigarettes per day – categories
aFR42260v	Heaviness of Smoking Index (HSI)
aSB42012v	total min to first cig after waking – cont'
aSB42013v	total min to first cig after waking – Cat
aQA42231V	days since end of most recent quit attempt(derived)
aQA42235V	time smoke-free on recent QA – composite, months
aSB42021v	total min to first cig after waking – Daily Smoker
aSB42026v	total min to first cig after waking – Nondaily Smoker

Table 140: Derived Variables for wave 1 of the ITC Netherlands (NL) Survey.

4.15 *Netherlands 1 NL*

aDE42919v - Wave 1 rescaled cross-sectional weights (CASI+CATI)

aFR42309V - smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker

aFR42245v - cigarettes per day

Continuous

aFR42250v - cigarettes per day – categories

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

aFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aSB42012v - total minutes to first cigarette after waking

Continuous

aSB42013v - total minutes to first cigarette after waking – Categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

aQA42231V - days since end of most recent quit attempt (derived)

Continuous

aQA42235V - time smoke-free on recent quit attempt – composite, months

Continuous

aSB42021v - total minutes to first cigarette after waking – Daily Smoker

Continuous

aSB42026v - total minutes to first cigarette after waking – Nondaily Smoker

Continuous

4.15.3 Netherlands NL2

The ITC Netherlands NL2 study was conducted in 2008 from November 19 to December 2. For more information see the technical report which can be found [here](#).

Variable Name	Label
bDE42919v	Wave 2 rescaled cross-sectional weight
bDE42921v	Waves 1-2 rescaled longitudinal weights (CASI only)
bFR42309v	Smoking Status - Wave 2
bFR42245v	Cigarettes per Day – Continuous
bFR42250v	Cigarettes per Day – Categorical
bFR42260v	Heaviness of Smoking Index (HSI)
bSB42012v	Total min to first cig after waking - continuous
bSB42013v	Total min to first cig after waking - categorical
bQA42231V	days since end of most recent quit attempt(derived)
bQA42235V	Q.020e – time smoke-free on recent QA – composite, months

Table 141: Derived Variables for wave 2 of the ITC Netherlands (NL) Survey.

4.15 Netherlands 1 NL

bDE42919v - Wave 2 rescaled cross-sectional weight

bDE42921v - Waves 1-2 rescaled longitudinal weights (CASI only)

bFR42309v - Smoking Status - Wave 2

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Quit <1 month
- 5 Quit 1-6 month
- 6 Quit >6 months ago

bFR42245v - Cigarettes per Day – Continuous

Continuous

bFR42250v - Cigarettes per Day – Categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

bFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bSB42012v - Total minutes to first cigarette after waking - continuous

Continuous

bSB42013v - Total minutes to first cigarette after waking - categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

bQA42231V - days since end of most recent quit attempt(derived)

Continuous

bQA42235V - Q.020e – time smoke-free on recent quit attempt – composite, months

Continuous

4.15.4 Netherlands NL3

The ITC Netherlands NL3 study was conducted in 2009 from March 16 to May 22. For more information see the technical report which can be found [here](#).

Variable Name	Label
cDE42919v	Wave 3 rescaled cross-sectional weights (CASI+CATI)
cDE42921v	Waves 1-3 rescaled longitudinal weights (CASI+CATI)
cDE42923v	Waves 2-3 rescaled longitudinal weights (CASI only)
cFR42309v	Smoking Status - Wave 3
cFR42245v	Cigarettes per Day – Continuous
cFR42250v	Cigarettes per Day – Categorical
cFR42260v	Heaviness of Smoking Index (HSI)
cSB42012v	Total min to first cig after waking - continuous
cSB42013v	Total min to first cig after waking - categorical
cQA42442V	Q.005d – time since start of last serious QA
cQA42231V	days since end of most recent quit attempt(derived)
cQA42235V	Q.024d – time smoke-free on recent QA – composite, months

Table 142: Derived Variables for wave 3 of the ITC Netherlands (NL) Survey.

4.15 Netherlands 1 NL

cDE42919v - Wave 3 rescaled cross-sectional weights (CASI+CATI)

cDE42921v - Waves 1-3 rescaled longitudinal weights (CASI+CATI)

cDE42923v - Waves 2-3 rescaled longitudinal weights (CASI only)

cFR42309v - Smoking Status - Wave 3

1 Daily

2 Weekly

3 Monthly

4 Quit <1 month

5 Quit 1-6 month

6 Quit >6 months ago

cFR42245v - Cigarettes per Day

Continuous

cFR42250v - Cigarettes per Day – Categorical

0 0-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

8 Refused

9 Don't know

cFR42260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cSB42012v - Total minutes to first cigarette after waking

Continuous

cSB42013v - Total minutes to first cigarette after waking - categorical

0 Greater than 60 minutes

1 30-60 minutes

2 6-30 minutes

3 Less than 5 minutes

cQA42442V - Q.005d – time since start of last serious quit attempt

Continuous

cQA42231V - days since end of most recent quit attempt(derived)

Continuous

cQA42235V - Q.024d – time smoke-free on recent quit attempt – composite, months

Continuous

4.15.5 Netherlands NL4

The ITC Netherlands NL4 study was conducted in 2010 from May 5 to June 3. For more information see the technical report which can be found [here](#).

Variable Name	Label
dqa42442v	time since start of last serious qa
dqa42231v	days since end of most recent quit attempt(derived)
dqa42235v	time smoke-free on recent qa – composite, months
dfr42309v	smoking status
dfr42245v	cigarettes per day–continuous
dfr42250v	cigarettes per day–categorical
dsb42012v	total min to first cig after waking-countinuous
dsb42013v	total min to first cig after waking-categorical
dfr42260v	heaviness of smoking index(hsi)
dde42921v	waves1-4 rescaled longitudinal weights(casi only)
dde42923v	waves2-4 rescaled longitudinal weights(casi only)
dde42925v	wave3-4 rescaled longitudinal weights(casi only)
dde42919v	wave4 rescaled cross-sectional weights(casi only)

Table 143: Derived Variables for wave 4 of the ITC Netherlands (NL) Survey.

dqa42442v - time since start of last serious quit attempt

Continuous

dqa42231v - days since end of most recent quit attempt (derived)

Continuous

dqa42235v - time smoke-free on recent quit attempt – composite, months

Continuous

dfr42309v - smoking status

- 1 daily smoker
- 2 weekly smoker
- 3 monthly smoker
- 4 quit in the last month ($qa442v \leq 30$)
- 5 quit 1-6 months ago ($qa442v > 30$ and ≤ 180)
- 6 quit more than 6 months ago ($qa442v > 180$)

dfr42245v - cigarettes per day

Continuous

dfr42250v - cigarettes per day–categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

dsb42012v - total minutes to first cigarette after waking

Continuous

dsb42013v - Total minutes to first cigarette after waking - categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

dfr42260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dde42921v - waves1-4 rescaled longitudinal weights(casi only)

dde42923v - waves2-4 rescaled longitudinal weights(casi only)

dde42925v - wave3-4 rescaled longitudinal weights(casi only)

dde42919v - wave4 rescaled cross-sectional weights(casi only)

4.15.6 Netherlands NL5

The ITC Netherlands NL5 study was conducted in 2011 from May 2 to June 5. For more information see the technical report which can be found [here](#).

Variable Name	Label
eQA42442V	time since start of last serious QA
eQA42231V	days since end of most recent quit attempt(derived)
eQA42235V	time smoke-free on recent QA – composite, months
eFR42309V	smoking status
eFR42245V	Cigarettes per day–continuous
eFR42250V	Cigarettes per day–categorical
eSB42012V	Total min to first cig after waking-countinuous
eSB42013V	Total min to first cig after waking-categorical
eFR42260V	Heaviness of smoking index(HSI)
eDE42921v	Waves 1-5 rescaled longitudinal weights (CASI only)
eDE42923v	Waves 2-5 rescaled longitudinal weights (CASI only)
eDE42925v	Waves 3-5 rescaled longitudinal weights (CASI only)
eDE42927v	Waves 4-5 rescaled longitudinal weights (CASI only)
eDE42919v	Wave 5 rescaled cross-sectional weights (CASI only)

Table 144: Derived Variables for wave 5 of the ITC Netherlands (NL) Survey.

4.15 *Netherlands 1 NL*

eQA42442V - time since start of last serious quit attempt

Continuous

eQA42231V - days since end of most recent quit attempt(derived)

Continuous

eQA42235V - time smoke-free on recent quit attempt – composite, months

Continuous

eFR42309V - smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit <1 month
- 5 quit 1-6 month
- 6 Quit 7-12 month
- 7 Quit >1 year ago

eFR42245V - Cigarettes per day–continuous

Continuous

eFR42250V - Cigarettes per day–categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

eSB42012V - Total minutes to first cigarette after waking

Continuous

eSB42013V - Total minutes to first cigarette after waking-categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

eFR42260V - Heaviness of Smoking Index (HSI)

4.15 Netherlands 1 NL

0-2 low

3-4 moderate

5-6 high

eDE42921v - Waves 1-5 rescaled longitudinal weights (CASI only)

eDE42923v - Waves 2-5 rescaled longitudinal weights (CASI only)

eDE42925v - Waves 3-5 rescaled longitudinal weights (CASI only)

eDE42927v - Waves 4-5 rescaled longitudinal weights (CASI only)

eDE42919v - Wave 5 rescaled cross-sectional weights (CASI only)

4.15.7 Netherlands NL6

The ITC Netherlands NL6 study was conducted in 2012 from May 1 to June 6. For more information see the technical report which can be found [here](#).

Variable Name	Label
fQA42442v	time since start of last serious QA
fQA42235v	time smoke-free on recent QA – composite, months
fFR42309v	smoking status
fFR42245v	Cigarettes per day–continuous
fFR42250v	Cigarettes per day–categorical
fSB42012v	Total min to first cig after waking-countinuous
fSB42013v	Total min to first cig after waking-categorical
fFR42260v	Heaviness of smoking index(HSI)
fDE42921v	Waves 1-6 rescaled longitudinal weights (CASI only)
fDE42923v	Waves 2-6 rescaled longitudinal weights (CASI only)
fDE42925v	Waves 3-6 rescaled longitudinal weights (CASI only)
fDE42927v	Waves 4-6 rescaled longitudinal weights (CASI only)
fDE42929v	Waves 5-6 rescaled longitudinal weights (CASI only)
fDE42919v	Wave 6 rescaled cross-sectional weights (CASI only)

Table 145: Derived Variables for wave 6 of the ITC Netherlands (NL) Survey.

fQA42442v - time since start of last serious quit attempt

Continuous

fQA42235v - time smoke-free on recent quit attempt – composite, months

Continuous

fFR42309v - smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit <1 month
- 5 quit 1-6 month
- 6 Quit 7-12 month
- 7 Quit >1 year ago

fFR42245v - Cigarettes per day–continuous

Continuous

fFR42250v - Cigarettes per day–categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

fSB42012v - Total minutes to first cigarette after waking

Continuous

fSB42013v - Total minutes to first cigarette after waking-categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

fFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate

5-6 high

fDE42921v - Waves 1-6 rescaled longitudinal weights (CASI only)

fDE42923v - Waves 2-6 rescaled longitudinal weights (CASI only)

fDE42925v - Waves 3-6 rescaled longitudinal weights (CASI only)

fDE42927v - Waves 4-6 rescaled longitudinal weights (CASI only)

fDE42929v - Waves 5-6 rescaled longitudinal weights (CASI only)

fDE42919v - Wave 6 rescaled cross-sectional weights (CASI only)

4.15.8 Netherlands NL7

The ITC Netherlands NL7 study was conducted in 2013 from May 1 to June 5. For more information see the technical report which can be found [here](#).

Variable Name	Label
gQA42442v	QA42442v... time since start of last serious QA
gQA42231v	QA42231v... time since end of most recent QA – composite, months
gQA42235v	QA42235v... time smoke-free on recent QA – composite, months
gFR42309v	FR42309v... smoking status
gFR42245v	FR42245v... Cigarettes per day–continuous
gFR42250v	FR42250v... Cigarettes per day–categorical
gSB42012v	SB42012v... Total min to first cig after waking–continuous
gSB42013v	SB42013v... Total min to first cig after waking–categorical
gFR42260v	FR42260v... Heaviness of smoking index(HSI)
gDE42921v	Waves 1-7 rescaled longitudinal weights (CASI only)
gDE42923v	Waves 2-7 rescaled longitudinal weights (CASI only)
gDE42925v	Waves 3-7 rescaled longitudinal weights (CASI only)
gDE42927v	Waves 4-7 rescaled longitudinal weights (CASI only)
gDE42929v	Waves 5-7 rescaled longitudinal weights (CASI only)
gDE42931v	Waves 6-7 rescaled longitudinal weights (CASI only)
gDE42919v	Wave 7 rescaled cross-sectional weights (CASI only)

Table 146: Derived Variables for wave 7 of the ITC Netherlands (NL) Survey.

gQA42442v - QA42442v... time since start of last serious quit attempt

Continuous

gQA42231v - QA42231v... time since end of most recent quit attempt – composite, months

Continuous

gQA42235v - QA42235v... time smoke-free on recent quit attempt – composite, months

Continuous

gFR42309v - FR42309v... smoking status

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit <1 month
- 5 quit 1-6 month
- 6 Quit 7-12 month
- 7 Quit >1 year ago

gFR42245v - FR42245v... Cigarettes per day–continuous

Continuous

gFR42250v - FR42250v... Cigarettes per day–categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

gSB42012v - SB42012v... Total minutes to first cigarette after waking–countinuous

Continuous

gSB42013v - SB42013v... Total minutes to first cigarette after waking–categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

gFR42260v - FR42260v... Heaviness of Smoking Index (HSI)

4.15 Netherlands 1 NL

0-2 low

3-4 moderate

5-6 high

gDE42921v - Waves 1-7 rescaled longitudinal weights (CASI only)

gDE42923v - Waves 2-7 rescaled longitudinal weights (CASI only)

gDE42925v - Waves 3-7 rescaled longitudinal weights (CASI only)

gDE42927v - Waves 4-7 rescaled longitudinal weights (CASI only)

gDE42929v - Waves 5-7 rescaled longitudinal weights (CASI only)

gDE42931v - Waves 6-7 rescaled longitudinal weights (CASI only)

gDE42919v - Wave 7 rescaled cross-sectional weights (CASI only)

4.15.9 Netherlands NL8

The ITC Netherlands NL8 study was conducted in 2014 from May 6 to July 2. For more information see the technical report which can be found [here](#).

Variable Name	Label
hFR42309v	Smoking Status – Derived
hQA42442v	time since start of last serious QA
hFR42305	smoking status (derived)
hFR42245v	Cigarettes per day–continuous
hFR42250v	Cigarettes per day–categorical
hFR42260v	Heaviness of smoking index(HSI)
hQA42231v	time since end of most recent QA – composite, months
hQA42235v	Time smoke-free on recent QA,in months
hQA42615v	chose quit day how long before QA – composite, days
hSB42021v	time to 1st cig–daily smoker – composite, minutes
hSB42026v	time to 1st cig–non-daily smoker –composite, minutes
hSB42012v	Total min to first cig after waking-countinuous
hSB42013v	Total min to first cig after waking-categorical
hDE42921v	Waves 1-8 rescaled longitudinal weights (CASI only)
hDE42923v	Waves 2-8 rescaled longitudinal weights (CASI only)
hDE42925v	Waves 3-8 rescaled longitudinal weights (CASI only)
hDE42927v	Waves 4-8 rescaled longitudinal weights (CASI only)
hDE42929v	Waves 5-8 rescaled longitudinal weights (CASI only)
hDE42931v	Waves 6-8 rescaled longitudinal weights (CASI only)
hDE42933v	Waves 7-8 rescaled longitudinal weights (CASI only)
hDE42919v	Wave 8 rescaled cross-sectional weights (CASI only)

Table 147: Derived Variables for wave 8 of the ITC Netherlands (NL) Survey.

hFR42309v - Smoking Status – Derived

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month (QA442v<=30)
- 5 Quit 1-6 months ago (QA442v>30 and <=180)
- 6 Quit more than 6 months ago (QA442v>180 and <=365)
- 7 Quit before last survey (QA331=2 and BI350=2)

hQA42442v - time since start of last serious quit attempt

Continuous

hFR42305 - smoking status (derived)

- 1 Smoker
- 2 Quitter

hFR42245v - Cigarettes per day–continuous

Continuous

hFR42250v - Cigarettes per day–categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

hFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

hQA42231v - time since end of most recent quit attempt – composite, months

Continuous

hQA42235v - Time smoke-free on recent quit attempt,in months

Continuous

hQA42615v - chose quit day how long before quit attempt – composite, days

4.15 *Netherlands 1 NL*

Continuous

hSB42021v - time to 1st cigarette–daily smoker – composite, minutes

Continuous

hSB42026v - time to 1st cigarette–non-daily smoker –composite, minutes

Continuous

hSB42012v - Total min to first cigarette after waking-countinuous

Continuous

hSB42013v - Total min to first cigarette after waking-categorical

0 Greater than 60 minutes

1 30-60 minutes

2 6-30 minutes

3 Less than 5 minutes

hDE42921v - Waves 1-8 rescaled longitudinal weights (CASI only)

hDE42923v - Waves 2-8 rescaled longitudinal weights (CASI only)

hDE42925v - Waves 3-8 rescaled longitudinal weights (CASI only)

hDE42927v - Waves 4-8 rescaled longitudinal weights (CASI only)

hDE42929v - Waves 5-8 rescaled longitudinal weights (CASI only)

hDE42931v - Waves 6-8 rescaled longitudinal weights (CASI only)

hDE42933v - Waves 7-8 rescaled longitudinal weights (CASI only)

hDE42919v - Wave 8 rescaled cross-sectional weights (CASI only)

4.15.10 **Netherlands NL9**

The ITC Netherlands NL9 study was conducted in 2015 from November to December 13.

Variable Name	Label
iFR42305	FR42305... smoker vs nonsmoker
iFR42309v	FR42309v... smoking status (derived)
iFR42245v	FR42245v... Cigarettes per day-continuous
iFR42250v	FR42250v... Cigarettes per day-categorical
iSB42012v	SB42012v... Total min to first cig after waking-countinuous
iSB42013v	SB42013v... Total min to first cig after waking-categorical
iFR42260v	FR42260v... Heaviness of smoking index(HSI)
iQA42442V	QA42442v... time since start of last serious QA
iQA42231v	QA42231v... last QA, end (derived)
iQA42235v	QA42235v... last QA, length (derived)
iDE42921v	Waves 1-9 rescaled longitudinal weights (CASI only)
iDE42923v	Waves 2-9 rescaled longitudinal weights (CASI only)
iDE42925v	Waves 3-9 rescaled longitudinal weights (CASI only)
iDE42927v	Waves 4-9 rescaled longitudinal weights (CASI only)
iDE42929v	Waves 5-9 rescaled longitudinal weights (CASI only)
iDE42931v	Waves 6-9 rescaled longitudinal weights (CASI only)
iDE42933v	Waves 7-9 rescaled longitudinal weights (CASI only)
iDE42935v	Waves 8-9 rescaled longitudinal weights (CASI only)
iDE42919v	Wave 9 rescaled cross-sectional weights (CASI only)

Table 148: Derived Variables for wave 9 of the ITC Netherlands (NL) Survey.

iFR42305 - FR42305... smoker vs nonsmoker

- 1 Smoker
- 2 Non-smoker (quitter)

iFR42309v - FR42309v... smoking status (derived)

- 1 Non-smoker (quitter)
- 2 Weekly smoker (FR221=1 or QA711=2)
- 3 Monthly smoker (FR231=1 or QA711=3)
- 4 Quit in the last month (QA442v<=30 and QA706=1, 2 or 9)
- 5 Quit 1-6 months ago (QA442v>30 and <=180 and QA706=1, 2 or 9)
- 6 Quit more than 6 months ago (QA442v>180 and <=365 and QA706=1, 2 or 9)
- 7 Quit more than one year ago ((QA331=2 and FR231=2) or (QA442v>365 and QA706=1, 2 or 9))
- 8 Less than monthly smoker – default quitter ((QA331=1 and QA336=1 and FR231=2) or QA711=4)

iFR42245v - FR42245v... Cigarettes per day–continuous

Continuous

iFR42250v - FR42250v... Cigarettes per day–categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

iSB42012v - SB42012v... Total min to first cigarette after waking-countinuous

Continuous

iSB42013v - SB42013v... Total min to first cigarette after waking-categorical

- 0 Greater than 60 minutes
- 1 30-60 minutes
- 2 6-30 minutes
- 3 Less than 5 minutes

iFR42260v - FR42260v... Heaviness of Smoking Index (HSI)

0-2 low

4.15 *Netherlands 1 NL*

3-4 moderate

5-6 high

iQA42442V - QA42442v... time since start of last serious quit attempt

Continuous

iQA42231v - QA42231v... last quit attempt, end (derived)

Continuous

iQA42235v - QA42235v... last quit attempt, length (derived)

Continuous

iDE42921v - Waves 1-9 rescaled longitudinal weights (CASI only)

iDE42923v - Waves 2-9 rescaled longitudinal weights (CASI only)

iDE42925v - Waves 3-9 rescaled longitudinal weights (CASI only)

iDE42927v - Waves 4-9 rescaled longitudinal weights (CASI only)

iDE42929v - Waves 5-9 rescaled longitudinal weights (CASI only)

iDE42931v - Waves 6-9 rescaled longitudinal weights (CASI only)

iDE42933v - Waves 7-9 rescaled longitudinal weights (CASI only)

iDE42935v - Waves 8-9 rescaled longitudinal weights (CASI only)

iDE42919v - Wave 9 rescaled cross-sectional weights (CASI only)

4.15.11 Netherlands NL10

The ITC Netherlands NL10 study was conducted in 2016 from November 15 to December 31.

Variable Name	Label
jFR42305	simplified smoking status (derived)
jFR42309v	smoking status (derived)
jFR42245v	Cigarettes per day–continuous
jFR42250v	Cigarettes per day–categorical
jFR42260v	Heaviness of smoking index(HSI)
jQA42441A	last QA, start (days)
jQA42441B	last QA, start (weeks)
jQA42441C	last QA, start (months)
jQA42442V	last QA, start (derived)
jQA42231V	last QA, end (derived)
jQA42235V	last QA, length (derived)
jSB42012v	Total min to first cig after waking-countinuous
jSB42013v	Total min to first cig after waking-categorical
jDE42921v	Waves 1-10 rescaled longitudinal weights (CASI only)
jDE42923v	Waves 2-10 rescaled longitudinal weights (CASI only)
jDE42925v	Waves 3-10 rescaled longitudinal weights (CASI only)
jDE42927v	Waves 4-10 rescaled longitudinal weights (CASI only)
jDE42929v	Waves 5-10 rescaled longitudinal weights (CASI only)
jDE42931v	Waves 6-10 rescaled longitudinal weights (CASI only)
jDE42933v	Waves 7-10 rescaled longitudinal weights (CASI only)
jDE42935v	Waves 8-10 rescaled longitudinal weights (CASI only)
jDE42937v	Waves 9-10 rescaled longitudinal weights (CASI only)
jDE42919v	Wave 10 rescaled cross-sectional weights (CASI only)

Table 149: Derived Variables for wave 10 of the ITC Netherlands (NL) Survey.

4.15 Netherlands 1 NL

jFR42305 - simplified smoking status (derived)

- 1 Smoker
- 2 Non-smoker (quitter)

jFR42309v - smoking status (derived)

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Quit more than one year ago

jFR42245v - Cigarettes per day—continuous

Continuous

jFR42250v - Cigarettes per day—categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

jFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

jQA42441A - last quit attempt, start (days)

Continuous

jQA42441B - last quit attempt, start (weeks)

Continuous

jQA42441C - last quit attempt, start (months)

Continuous

jQA42442V - last quit attempt, start (derived)

4.15 Netherlands 1 NL

Continuous

jQA42231V - last quit attempt, end (derived)

Continuous

jQA42235V - last quit attempt, length (derived)

Continuous

jSB42012v - Total minutes to first cigarette after waking-countinuous

Continuous

jSB42013v - Total minutes to first cigarette after waking-categorical

0 Greater than 60 minutes

1 30-60 minutes

2 6-30 minutes

3 Less than 5 minutes

jDE42921v - Waves 1-10 rescaled longitudinal weights (CASI only)

jDE42923v - Waves 2-10 rescaled longitudinal weights (CASI only)

jDE42925v - Waves 3-10 rescaled longitudinal weights (CASI only)

jDE42927v - Waves 4-10 rescaled longitudinal weights (CASI only)

jDE42929v - Waves 5-10 rescaled longitudinal weights (CASI only)

jDE42931v - Waves 6-10 rescaled longitudinal weights (CASI only)

jDE42933v - Waves 7-10 rescaled longitudinal weights (CASI only)

jDE42935v - Waves 8-10 rescaled longitudinal weights (CASI only)

jDE42937v - Waves 9-10 rescaled longitudinal weights (CASI only)

jDE42919v - Wave 10 rescaled cross-sectional weights (CASI only)

4.15.12 Netherlands NL11

The ITC Netherlands NL11 study was conducted in 2017 from November 13 to December 17.

Variable Name	Label
kFR42305	simplified smoking status (derived)
kFR42309v	
kFR42245v	Cigarettes per day–continuous
kFR42250v	Cigarettes per day–categorical
kFR42260v	Heaviness of smoking index(HSI)
kQA42442v	last cig QA, start (derived)
kQA42231v	last QA, end (derived)
kQA42235v	last QA, length (derived)
kSB42012v	Total min to first cig after waking-countinuous
kSB42013v	Total min to first cig after waking-categorical
kDE42927v	Waves 4-11 rescaled longitudinal weights (CASI only)
kDE42929v	Waves 5-11 rescaled longitudinal weights (CASI only)
kDE42931v	Waves 6-11 rescaled longitudinal weights (CASI only)
kDE42933v	Waves 7-11 rescaled longitudinal weights (CASI only)
kDE42935v	Waves 8-11 rescaled longitudinal weights (CASI only)
kDE42937v	Waves 9-11 rescaled longitudinal weights (CASI only)
kDE42939v	Waves 10-11 rescaled longitudinal weights (CASI only)
kDE42919v	Wave 11 rescaled cross-sectional weights (CASI only)

Table 150: Derived Variables for wave 11 of the ITC Netherlands (NL) Survey.

4.15 *Netherlands 1 NL*

kFR42305 - simplified smoking status (derived)

- 1 Smoker
- 2 Non-smoker (quitter)

kFR42309v -

- 1 Daily smoker
- 2 Weekly smoker
- 3 Monthly smoker
- 4 Quit in the last month
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago
- 7 Quit more than one year ago

kFR42245v - Cigarettes per day—continuous

Continuous

kFR42250v - Cigarettes per day—categorical

- 0 0-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 8 Refused
- 9 Don't know

kFR42260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

kQA42442v - last cigarette quit attempt, start (derived)

Continuous

kQA42231v - last quit attempt, end (derived)

Continuous

kQA42235v - last quit attempt, length (derived)

Continuous

kSB42012v - Total minutes to first cigarette after waking—continuous

4.15 Netherlands 1 NL

Continuous

kSB42013v - Total minutes to first cigarette after waking-categorical

0 Greater than 60 minutes

1 30-60 minutes

2 6-30 minutes

3 Less than 5 minutes

kDE42927v - Waves 4-11 rescaled longitudinal weights (CASI only)

kDE42929v - Waves 5-11 rescaled longitudinal weights (CASI only)

kDE42931v - Waves 6-11 rescaled longitudinal weights (CASI only)

kDE42933v - Waves 7-11 rescaled longitudinal weights (CASI only)

kDE42935v - Waves 8-11 rescaled longitudinal weights (CASI only)

kDE42937v - Waves 9-11 rescaled longitudinal weights (CASI only)

kDE42939v - Waves 10-11 rescaled longitudinal weights (CASI only)

kDE42919v - Wave 11 rescaled cross-sectional weights (CASI only)

4.16 New Zealand 1 NZ

The International Tobacco Control (ITC) New Zealand (NZ) survey had 2 waves of data collection that were conducted between 2007 and 2009.

4.16.1 NZ Core

Variable Name	Description
country	ITC Country Code :
cohort	Wave of Recruitment of Respondent
Sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
ethnic	Ethnicity of Respondent
rStatus	Smoking Status at Recruitment
rDate	Date of Recruitment
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recruited in Wave 2
Strata	Strata/DHB of Respondent
psu	primary sampling unit of Respondent

Table 151: Derived Variables for the core dataset at wave 2 of the ITC New Zealand (NZ) Survey.

country - ITC Country Code : It says 5, but since New Zealand was assigned 08

cohort - Wave of Recruitment of Respondent

Sex - Gender of Respondent

1 Female

2 Male

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55+

ethnic - Ethnicity of Respondent

1 Maori

2 Pacific

3 Asian

4 European

5 Other

rStatus - Smoking Status at Recruitment

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

rDate - Date of Recruitment

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded

1 Present/included

7 NA

inM2 - Respondent was recruited in Wave 2

- 0 Absent/excluded
- 1 Present/included
- 7 NA

Strata - Strata/DHB of Respondent

Continuous

psu - primary sampling unit of Respondent

Continuous

4.16.2 New Zealand NZ1

The ITC New Zealand NZ1 study was conducted from March 19, 2007 to February 8, 2008. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE915v	Cross-sectional weight for Wave 1
aFR309v	Q.024b – smoking status
aFR245v	CPD (cigs per day) – continuous
aFR250v	CPD (cigs per day) – categories
aSB012v	Q.041a – min to first cig (continuous)
aSB013v	Q.041b – min to first cig after waking (category)
aFR260v	Heaviness of Smoking Index (HSI)
mild4	Mild vs. standard cigarettes (NZ derived var)
hsi_av	Heaviness of smoking index, alternate version (NZ derived var)
aware_harm	Awareness of Smoking harm index (NZ derived var)
pr3_now	Smoking has affected health & quality of life (NZ derived var)
pr3_fut	Concern that smoking will lower health & quality of life in future (NZ derived var)
seb	Self-exempting beliefs (NZ derived var)
abq141_score	Intention of quitting - 4-point scale (NZ derived var)
self_eff	Self-efficacy for quitting (NZ derived var)
adi301_rev	Overall attitude to smoking (higher is more positive) (NZ derived var)
attd_reg	Attitude to regulation index (high score more favourable) (NZ derived var)
lbs	Lights Benefit Scale (NZ derived var)
aQA446V	Q.017h – (derived variable: date most recent QA started)

Table 152: Derived Variables for wave 1 of the ITC New Zealand (NZ) Survey. (a)

Variable Name	Label
aQA235V	Q.018f – days smokefree on most recent QA
aFR333V	Q.030b – use of RYO vs factory made (categ)
aBR505V	Q.035g – current brand smoked how long
aSB226V	Q.050c – overall freq of butting out before finishing
aST302V	Q.107g – no. of smoked tob noncig in LM
aCH811V	Q.150a – received advice from doctor to quit, overall
aCH813V	Q.150b – referral from doctor to quit, overall
aCH815V	Q.150c – quitting Rx from doctor, overall
aCH817V	Q.150d – quitting pamphlet from doctor, overall
aCH821V	Q.155a – support for having quit, overall
aCH823V	Q.155b – referral to help stay quit, overall
aCH825V	Q.155c – Rx from doctor (for quitters), overall
aCH827V	Q.155d – pamphlet on staying quit, overall

Table 153: Derived Variables for wave 1 of the ITC New Zealand (NZ) Survey. (b)

4.16 *New Zealand 1 NZ*

aDE915v - Cross-sectional weight for Wave 1

aFR309v - Q.024b – smoking status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo

aFR245v - CPD (cigarettes per day)

Continuous

aFR250v - CPD (cigarettes per day) – categories

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 9 DK

aSB012v - Q.041a – min to first cigarette

Continuous

aSB013v - Q.041b – min to first cigarette after waking (category)

- 0 0 (> 60 min)
- 1 1 (31-60 min)
- 2 2 (6-30 min)
- 3 3 (<= 5 min)
- 7 NA
- 8 Refused
- 9 DK

aFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

mild4 - Mild vs. standard cigarettes (NZ derived var)

4.16 *New Zealand 1 NZ*

- 1 Mild, Factory made
- 2 Standard, Factory made
- 3 Mild, RYO
- 4 Standard, Factory made

hsi_av - Heaviness of smoking index, alternate version (NZ derived var)

Continuous

aware_harm - Awareness of Smoking harm index (NZ derived var)

Continuous

pr3_now - Smoking has affected health & quality of life (NZ derived var)

Continuous

pr3_fut - Concern that smoking will lower health & quality of life in future (NZ derived var)

Continuous

seb - Self-exempting beliefs (NZ derived var)

Continuous

abq141_score - Intention of quitting - 4-point scale (NZ derived var)

Continuous

self_eff - Self-efficacy for quitting (NZ derived var)

Continuous

adi301_rev - Overall attitude to smoking (higher is more positive) (NZ derived var)

Continuous

attd_reg - Attitude to regulation index (high score more favourable) (NZ derived var)

Continuous

lbs - Lights Benefit Scale (NZ derived var)

Continuous

aQA446V - Q.017h – (derived variable: date most recent quit attempt started)

Continuous

aQA235V - Q.018f – days smokefree on most recent quit attempt

Continuous

aFR333V - Q.030b – use of RYO vs factory made (categories)

4.16 *New Zealand 1 NZ*

- 1 Mainly factory-made
- 2 Mainly hand-rolled – tobacco leaf
- 3 About the same
- 7 Not applicable
- 8 Refused
- 9 Don't know

aBR505V - Q.035g – current brand smoked how long

- 1 Current brand smoked less than one year
- 2 Current brand smoked one year or more
- 7 Not applicable
- 8 Refused
- 9 Don't know

aSB226V - Q.050c – overall freq of butting out before finishing

- 1 Never
- 2 Once
- 3 A few times
- 4 Lots of times
- 7 Not applicable
- 8 Refused
- 9 Don't know

aST302V - Q.107g – no. of smoked tobacco noncigarette in LM

Continuous

aCH811V - Q.150a – received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

aCH813V - Q.150b – referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused

9 Don't know

aCH815V - Q.150c – quitting Rx from doctor, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

aCH817V - Q.150d – quitting pamphlet from doctor, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

aCH821V - Q.155a – support for having quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

aCH823V - Q.155b – referral to help stay quit, overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

aCH825V - Q.155c – Rx from doctor (for quitters), overall

1 Yes

2 No

7 Not applicable

8 Refused

9 Don't know

aCH827V - Q.155d – pamphlet on staying quit, overall

4.16 *New Zealand 1 NZ*

- 1 Yes
- 2 No
- 7 Not applicable
- 8 Refused
- 9 Don't know

4.16.3 New Zealand NZ2

The ITC New Zealand NZ2 study was conducted from April 1, 2008 to January 1, 2009. For more information see the technical report which can be found [here](#).

Variable Name	Label
bDE919v	Cross-sectional weight for Wave 2
SMOKINGS	
bFR310v	derived – Smoker/Nonsmoker/Quitter
bFR309V	Q.025b – smoking status
bQA446v	derived – most recent QA (number of days)
bQA447v	derived – most recent QA (number of years)
bQA235V	Q.020f – days smokefree on most recent QA
bFR245v	derived – cigs per day(continuous)
bFR250v	derived – cigs per day(categories)
bFR260v	Heaviness of Smoking Index(HSI)
bFR333V	Q.031b – use of RYO vs factory made (categ)
bBR505V	Q.034g – current brand smoked how long
bSB012V	derived – time to first cig in minutes(continuous)
bSB013V	derived – time to first cig in minutes(categories)
bSB226V	Q.046c – overall freq of butting out before finishing
bST302V	Q.078g – no. of smoked tob noncig in LM
bCH811V	Q.112a – received advice from doctor to quit, overall
bCH813V	Q.112b – referral from doctor to quit, overall
bCH815V	Q.112c – quitting Rx from doctor, overall
bCH817V	Q.112d – quitting pamphlet from doctor, overall
bCH821V	Q.117a – support for having quit, overall
bCH823V	Q.117b – referral to help stay quit, overall
bCH825V	Q.117c – Rx from doctor (for quitters), overall
bCH827V	Q.117d – pamphlet on staying quit, overall
bQA662V	Derived – since end of quit in 6M (in days)

Table 154: Derived Variables for wave 2 of the ITC New Zealand (NZ) Survey.

bDE919v - Cross-sectional weight for Wave 2

SMOKINGS -

- 1 Daily
- 2 Weekly
- 3 Monthly
- 4 Less than monthly and self-described as smoker
- 5 Less than monthly and self-described as quitter
- 7 Not applicable
- 8 Refused
- 9 Don't know

bFR310v - derived – Smoker/Nonsmoker/Quitter

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

bFR309V - Q.025b – smoking status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo

bQA446v - derived – most recent quit attempt (number of days)

Continuous

bQA447v - derived – most recent quit attempt (number of years)

Continuous

bQA235V - Q.020f – days smokefree on most recent quit attempt

Continuous

bFR245v - derived – cigarettes per day

Continuous

bFR250v - derived – cigarettes per day(categories)

- 0 1-10 cigarettes

4.16 *New Zealand 1 NZ*

- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 9 DK

bFR260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

bFR333V - Q.031b – use of RYO vs factory made (categories)

- 1 Mainly factory-made
- 2 Mainly hand-rolled – tobacco leaf
- 3 About the same
- 7 Not applicable
- 8 Refused
- 9 Don't know

bBR505V - Q.034g – current brand smoked how long

- 1 Current brand smoked less than one year
- 2 Current brand smoked one year or more
- 7 Not applicable
- 8 Refused
- 9 Don't know

bSB012V - derived – time to first cigarette in minutes

Continuous

bSB013V - derived – time to first cigarette in minutes(categories)

- 0 0 (More than 60 min)
- 1 1 (31-60 min)
- 2 2 (6-30 min)
- 3 3 (5 min or less)

bSB226V - Q.046c – overall frequency of butting out before finishing

- 1 Never
- 2 Once

4.16 *New Zealand 1 NZ*

- 3 A few times
- 4 Lots of times
- 7 Not applicable
- 8 Refused
- 9 Don't know

bST302V - Q.078g – no. of smoked tobacco noncigarette in LM

Continuous

bCH811V - Q.112a – received advice from doctor to quit, overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH813V - Q.112b – referral from doctor to quit, overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH815V - Q.112c – quitting Rx from doctor, overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH817V - Q.112d – quitting pamphlet from doctor, overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH821V - Q.117a – support for having quit, overall

4.16 *New Zealand 1 NZ*

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH823V - Q.117b – referral to help stay quit, overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH825V - Q.117c – Rx from doctor (for quitters), overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bCH827V - Q.117d – pamphlet on staying quit, overall

- 1 Yes
- 2 No
- 7 NA
- 8 Refused
- 9 Can't Say

bQA662V - Derived – since end of quit in 6M (in days)

Continuous

4.17 South East Asia SEA

The International Tobacco Control (ITC) South East Asia (SEA) survey had 6 waves of data collection that were conducted between 2005 and 2014. All waves in this study have separate samples which means that they have separate data sets for smokers (smk), non-smokers (nsmk) and for youth (youth).

4.17.1 SEA Core

Variable Name	Description
country	ITC Country Code
cohort	Wave of Recruitment of Respondent
myState	Malaysian State
myDistrict	Malaysian District
thProvince	Thai Province
thDistrict	Thai District
urban	urban/rural
strata	sampling strata
psu	primary sampling unit (cluster)
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
race	Malaysian/Thai race
ethnic	majority group
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
inM5	Respondent was recontacted at Wave 5
inP5	Respondent was recruited via replenishment at Wave 5
inM6	Respondent was recontacted at Wave 6
inP6	Respondent was recruited via replenishment at Wave 6
lost	Wave when respondent was lost to follow up

Table 155: Derived Variables for the core dataset at wave 1 of the ITC South East Asia (SEA) Survey.

4.17 *South East Asia SEA*
country - ITC Country Code

- 1 MY
- 2 TH

cohort - Wave of Recruitment of Respondent

myState - Malaysian State

- 1 Johor
- 2 Kedah
- 7 Penang
- 10 Selangor
- 11 Terengganu
- 12 Sabah
- 13 Sarawak

myDistrict - Malaysian District

Continuous

thProvince - Thai Province

- 1 Bangkok
- 22 Nakhon Pathom
- 23 Samut Sakhon
- 27 Nakhon Ratchasima
- 37 Nong Khai
- 46 Chiang Mai
- 51 Phrae
- 63 Nakhon Si Thammarat
- 70 Songkhla

thDistrict - Thai District

Continuous

urban - urban/rural

- 1 urban
- 2 rural

strata - sampling strata

- 11 MY, Johor (Zone 3)
- 12 MY, Kedah/Penang (Zone 1)

4.17 *South East Asia SEA*

- 13 MY, Selangor (Zone 2)
- 14 MY, Terengganu (Zone 4)
- 15 MY, Sabah (Zone 5)
- 16 MY, Sarawak (Zone 6)
- 21 TH, Bangkok
- 22 Th, Central
- 23 TH, South
- 24 TH, North
- 25 TH, Northeast

psu - primary sampling unit (cluster)

Continuous

sex - Gender of Respondent

- 1 male
- 2 female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

race - Malaysian/Thai race

- 101 Malay
- 102 Chinese
- 103 Indian
- 104 Iban
- 105 Kadazan
- 106 Murut
- 107 Bajau
- 108 Other
- 201 Thai
- 202 Chinese
- 203 Lao

4.17 South East Asia SEA

204 Yavee

205 Eko

206 Yow

207 Kaling

208 Other tribeman language

209 Kamre

210 Sui

211 Other

212 Mon

777 NA

888 Refused

999 Don't know

ethnic - majority group

0 Minority group

1 Majority group

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM5 - Respondent was recontacted at Wave 5

inP5 - Respondent was recruited via replenishment at Wave 5

inM6 - Respondent was recontacted at Wave 6

inP6 - Respondent was recruited via replenishment at Wave 6

inM1, inM2, inP2, inM3, inP3, inM4, inP4, inM5, inP5, inM6, and inP6 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

lost - Wave when respondent was lost to follow up

Continuous

4.17.2 South East Asia SEA1

The ITC South East Asia SEA1 study was conducted in 2005 from January 1 to March 7 (Malaysia and Thailand). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set. Also Note: The country code for this project is 11 for adults and 12 for youth which means that the variable names will be different.

Variable Name	Label
aDE11913v (aDE12913v - youth)	Wave 1 state-level cross-sectional for Malaysia ONLY
aDE11914v (aDE12914v - youth)	Wave 1 rescaled state-level cross-sectional weight for Malaysia ONLY
aDE11915v (aDE12915v - youth)	Wave 1 cross-sectional survey weight
aDE11916v (aDE12916v - youth)	Wave 1 pooled rescaled cross-sectional survey weight (MY = aDE11914v, TH = aDE11919v)
aDE11919v (aDE12919v - youth)	Wave 1 rescaled cross-sectional survey weight
aBR11302tv	type of cig
aQA11236v	Duration smoke-free (in days)
aKN11221v	smoking causes stroke - recode
aKN11231v	smoking causes impotence - recode
aKN11241v	causes lung cancer in smokers - recode
aKN11101v	causes lung decay - recode
aKN11102v	smoking causes stained teeth - recode
aKN11103v	smoking causes premature ageing - recode
aKN11251v	smoking causes lung cancer in nonsmokers
aKN11261v	knowledge of health effects - score
aAD11105v	heard about Tak Nak on billboards & posters – Adult
aAD11109v	media source score
aAD11141v	most effective medium - combined poster & billboard
aAD11146v	duscussion amg. family & friends
aAD11151v	discourage smoking in children – coded
aAD11152v	discourage smoking in young adults –coded
aAD11153v	discourage smoking in older adults – coded
aAD11171v	picture: fiance meets parents - recode
aAD11172v	picture: audition for model - recode
aAD11173v	picture: tar in lungs - recode
aAD11174v	picture: rotting lungs - recode
aAD11175v	picture: blood clot in brain - recode
aAD11176v	picture: lung cancer - recode
aAD11177v	advertising recall - score

Table 156: Derived Variables for wave 1 of the ITC South East Asia (SEA) Survey. (a)

Variable Name	Label
aDE11235sv	occupation recoded (MY)
aDE11211sv	annual household income - coded (MY)
aDE11211tv	Derived income (TH)
aDE11212v	annual household income (derived)
aDE11312v	highest level of education (derived)
aFR12112v	(youth only) age when first smoked whole cig (derived)
aFR12230v	(youth only) how often smoke in LM - coded
aBR12310v	(youth only) name of cig brand coded
aBR12311v	(youth only) brand of cig usually smoked recode
aAD12107v	(youth only) on posters & billboards
aAD12108v	(youth only) media score
aAD12135v	(youth only) main message 1 coded
aAD12136v	(youth only) media of message 1 -poster & billboard
aAD12137v	(youth only) main message 2 coded
aAD12138v	(youth only) media of message 2 - poster & billboard
aAD12139v	(youth only) main message 3 coded
aAD12140v	(youth only) media of message 3 - posters & billboards
aAD12901v	(youth only) teeth decay
aAD12902v	(youth only) medium mentioned for teeth decay
aAD12903v	(youth only) rotting lungs
aAD12904v	(youth only) medium mentioned for rotting lungs
aAD12905v	(youth only) cause cancer
aAD12906v	(youth only) medium mentioned for cause cancer
aAD12907v	(youth only) blood clots
aAD12908v	(youth only) medium mentioned for blood clots
aAD12909v	(youth only) smoking kills
aAD12910v	(youth only) medium mentioned for smoking kills
aAD12911v	(youth only) every puff damages
aAD12912v	(youth only) medium mentioned for every puff
aAD12913v	(youth only) quit smoking
aAD12914v	(youth only) medium mentioned for quit smoking

Table 157: Derived Variables for wave 1 of the ITC South East Asia (SEA) Survey. (b)

Variable Name	Label
aAD12915v	(youth only) smoking is addictive
aAD12916v	(youth only) medium mentioned for smoking addictive
aAD12919v	(youth only) premature ageing
aAD12920v	(youth only) medium mentioned for premature ageing
aAD12921v	(youth only) cause impotence
aAD12922v	(youth only) medium mentioned for causes impotence
aAD12925v	(youth only) endangers health
aAD12926v	(youth only) medium mentioned for endanger health
aAD12927v	(youth only) say no to cigs
aAD12928v	(youth only) medium mentioned for say no to cigs
aAD12929v	(youth only) don't smoke
aAD12930v	(youth only) medium mentioned for don't smoke
aAD12931v	(youth only) smoking forbidden
aAD12932v	(youth only) medium mentioned for smoking forbidden
aAD12933v	(youth only) less smoking habits
aAD12934v	(youth only) medium mentioned for less smoking habits
aAD12950v	(youth only) tak nak message recall
aAD12141v	(youth only) most effective medium of Tak Nak ad - poster & billboard
aKN12241v	(youth only) lung cancer in smokers - recode
aKN12251v	(youth only) lung cancer in nonsmokers from SHS - recode
aKN12102v	(youth only) stained teeth in smokers - recode
aKN12103v	(youth only) premature ageing - recode
aKN12261v	(youth only) knowledge of health effects - score
aDI12414v	(youth only) currently in school (derived)
aAD12181v	(youth only) Fiance meet parents -recode
aAD12182v	(youth only) Audition to be model - recode
aAD12183v	(youth only) Tar in lungs - recode
aAD12184v	(youth only) Rotting lungs - recode
aAD12185v	(youth only) Blood clot in brain - recode
aAD12186v	(youth only) Lung cancer - recode
aAD12187v	(youth only) advertising recall - score

Table 158: Derived Variables for wave 1 of the ITC South East Asia (SEA) Survey. (c)

aDE11913v (aDE12913v - youth) - Wave 1 state-level cross-sectional for Malaysia ONLY

aDE11914v (aDE12914v - youth) - Wave 1 rescaled state-level cross-sectional weight for Malaysia ONLY

aDE11915v (aDE12915v - youth) - Wave 1 cross-sectional survey weight

aDE11916v (aDE12916v - youth) - Wave 1 pooled rescaled cross-sectional survey weight (MY = aDE11914v, TH = aDE11919v)

aDE11919v (aDE12919v - youth) - Wave 1 rescaled cross-sectional survey weight

aBR11302tv - type of cigarette

1 Thai factory

2 Import

3 Hand made

7 na

aQA11236v - Duration smoke-free (in days)

Continuous

aKN11221v - smoking causes stroke - recode

0 no/don't know

1 yes

aKN11231v - smoking causes impotence - recode

0 no/don't know

1 yes

aKN11241v - causes lung cancer in smokers - recode

0 no/don't know

1 yes

aKN11101v - causes lung decay - recode

0 no/don't know

1 yes

aKN11102v - smoking causes stained teeth - recode

0 no/don't know

1 yes

aKN11103v - smoking causes premature ageing - recode

0 no/don't know

4.17 South East Asia SEA

1 yes

aKN11251v - smoking causes lung cancer in nonsmokers

0 no/don't know

1 yes

aKN11261v - knowledge of health effects - score

Continuous

aAD11105v - heard about Tak Nak on billboards & posters – Adult

0 not mentioned

1 mentioned

7 na

aAD11109v - media source score

Continuous

aAD11141v - most effective medium - combined poster & billboard

1 TV

2 radio

3 posters & billboards

5 newspapers

aAD11146v - discussion amg. family & friends

Continuous

aAD11151v - discourage smoking in children – coded

1 yes

2 no

3 can't say

7 na

8 refused

aAD11152v - discourage smoking in young adults –coded

1 yes

2 no

3 can't say

7 na

8 refused

aAD11153v - discourage smoking in older adults - coded

- 1 yes
- 2 no
- 3 can't say
- 7 na
- 8 refused

aAD11171v - picture: fiance meets parents - recode

- 1 no
- 2 yes
- 7 na
- 8 refused
- 9 don't know

aAD11172v - picture: audition for model - recode

- 1 no
- 2 yes
- 7 na
- 8 refused
- 9 don't know

aAD11173v - picture: tar in lungs - recode

- 1 no
- 2 yes
- 7 na
- 8 refused
- 9 don't know

aAD11174v - picture: rotting lungs - recode

- 1 no
- 2 yes
- 7 na
- 8 refused
- 9 don't know

aAD11175v - picture: blood clot in brain - recode

- 1 no

4.17 South East Asia SEA

- 2 yes
- 7 na
- 8 refused
- 9 don't know

aAD11176v - picture: lung cancer - recode

- 1 no
- 2 yes
- 7 na
- 8 refused
- 9 don't know

aAD11177v - advertising recall - score

Continuous

aDE11235sv - occupation recoded (MY)

- 1 Professional
- 2 Administrative
- 3 Service
- 4 Skilled
- 5 Unskilled
- 6 Pensioners, students, unemployed
- 7 Others

aDE11211sv - annual household income - coded (MY)

- 1 <=RM10,000
- 2 RM10,001 - 20,000
- 3 RM20,001 - 30,000
- 4 RM30,001 - 40,000
- 5 RM40,001 - 50,000
- 6 >RM50,000

aDE11211tv - Derived income (TH)

- 1 0-70,000 Baht
- 2 70,001-195,749 Baht
- 3 > 195,749 Baht

aDE11212v - annual household income (derived)

4.17 South East Asia SEA

- 1 Low
- 2 Moderate
- 3 High
- 9 Not reported

aDE11312v - highest level of education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 8 Refused
- 9 Don't know

aFR12112v - (youth only) age when first smoked whole cigarette (derived)

- 1 < 13 years
- 2 13 years
- 3 14 years
- 4 15 years
- 5 16+ years

aFR12230v - (youth only) how often smoke in LM - coded

- 1 not at all
- 2 1 or 2 days
- 3 some days, but < once/week
- 4 once/week, but < once/day
- 5 every day
- 7 na
- 8 refused
- 9 don't know

aBR12310v - (youth only) name of cigarette brand coded

- 1 Dunhill
- 2 Marlboro
- 3 Pall Mall
- 4 Sempoema
- 5 Winston
- 6 Others

aBR12311v - (youth only) brand of cigarette usually smoked recode

4.17 South East Asia SEA

- 1 factory
- 2 no usual brand
- 3 smoke hand rolled cigarettes
- 4 don't know/can't remember

aAD12107v - (youth only) on posters & billboards

- 0 no
- 1 yes

aAD12108v - (youth only) media score

Continuous

aAD12135v - (youth only) main message 1 coded

- 1 teeth decay
- 2 rotting lungs
- 3 cause cancer
- 4 blood clots
- 5 smoking kills
- 6 every puff
- 7 quit smoking
- 8 smoking addictive
- 9 hard drugs
- 10 premature ageing
- 11 causes impotence
- 12 children's IQ
- 13 endangers health
- 14 say no to cigs
- 15 don't smoke
- 16 smoking forbidden
- 17 less smoking habits

aAD12136v - (youth only) media of message 1 -poster & billboard

- 1 TV
- 2 radio
- 3 posters & billboards
- 5 newspapers

aAD12137v - (youth only) main message 2 coded

4.17 *South East Asia SEA*

- 1 teeth decay
- 2 rotting lungs
- 3 cause cancer
- 4 blood clots
- 5 smoking kills
- 6 every puff
- 7 quit smoking
- 8 smoking addictive
- 9 hard drugs
- 10 premature ageing
- 11 causes impotence
- 12 children's IQ
- 13 endangers health
- 14 say no to cigs
- 15 don't smoke
- 16 smoking forbidden
- 17 less smoking habits

aAD12138v - (youth only) media of message 2 - poster & billboard

- 1 TV
- 2 radio
- 3 posters & billboards
- 5 newspapers

aAD12139v - (youth only) main message 3 coded

- 1 teeth decay
- 2 rotting lungs
- 3 cause cancer
- 4 blood clots
- 5 smoking kills
- 6 every puff
- 7 quit smoking
- 8 smoking addictive
- 9 hard drugs
- 10 premature ageing
- 11 causes impotence

4.17 South East Asia SEA

- 12 children's IQ
- 13 endangers health
- 14 say no to cigs
- 15 don't smoke
- 16 smoking forbidden
- 17 less smoking habits

aAD12140v - (youth only) media of message 3 - posters & billboards

- 1 TV
- 2 radio
- 3 posters & billboards
- 5 newspapers

aAD12901v - (youth only) teeth decay

- 0 not mentioned
- 1 mentioned

aAD12902v - (youth only) medium mentioned for teeth decay

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12903v - (youth only) rotting lungs

- 0 not mentioned
- 1 mentioned

aAD12904v - (youth only) medium mentioned for rotting lungs

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12905v - (youth only) cause cancer

- 0 not mentioned
- 1 mentioned

4.17 South East Asia SEA

aAD12906v - (youth only) medium mentioned for cause cancer

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12907v - (youth only) blood clots

- 0 not mentioned
- 1 mentioned

aAD12908v - (youth only) medium mentioned for blood clots

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12909v - (youth only) smoking kills

- 0 not mentioned
- 1 mentioned

aAD12910v - (youth only) medium mentioned for smoking kills

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12911v - (youth only) every puff damages

- 0 not mentioned
- 1 mentioned

aAD12912v - (youth only) medium mentioned for every puff

- 1 TV
- 2 radio
- 3 posters
- 4 billboards

4.17 *South East Asia SEA*

5 newspapers

aAD12913v - (youth only) quit smoking

0 not mentioned

1 mentioned

aAD12914v - (youth only) medium mentioned for quit smoking

1 TV

2 radio

3 posters

4 billboards

5 newspapers

aAD12915v - (youth only) smoking is addictive

0 not mentioned

1 mentioned

aAD12916v - (youth only) medium mentioned for smoking addictive

1 TV

2 radio

3 posters

4 billboards

5 newspapers

aAD12919v - (youth only) premature ageing

0 not mentioned

1 mentioned

aAD12920v - (youth only) medium mentioned for premature ageing

1 TV

2 radio

3 posters

4 billboards

5 newspapers

aAD12921v - (youth only) cause impotence

0 not mentioned

1 mentioned

4.17 South East Asia SEA

4 ARCHIVED PROJECTS

aAD12922v - (youth only) medium mentioned for causes impotence

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12925v - (youth only) endangers health

- 0 not mentioned
- 1 mentioned

aAD12926v - (youth only) medium mentioned for endanger health

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12927v - (youth only) say no to cigarettes

- 0 not mentioned
- 1 mentioned

aAD12928v - (youth only) medium mentioned for say no to cigarettes

- 1 TV
- 2 radio
- 3 posters
- 4 billboards
- 5 newspapers

aAD12929v - (youth only) don't smoke

- 0 not mentioned
- 1 mentioned

aAD12930v - (youth only) medium mentioned for don't smoke

- 1 TV
- 2 radio
- 3 posters
- 4 billboards

4.17 *South East Asia SEA*

4 *ARCHIVED PROJECTS*

5 newspapers

aAD12931v - (youth only) smoking forbidden

0 not mentioned

1 mentioned

aAD12932v - (youth only) medium mentioned for smoking forbidden

1 TV

2 radio

3 posters

4 billboards

5 newspapers

aAD12933v - (youth only) less smoking habits

0 not mentioned

1 mentioned

aAD12934v - (youth only) medium mentioned for less smoking habits

1 TV

2 radio

3 posters

4 billboards

5 newspapers

aAD12950v - (youth only) tak nak message recall

Continuous

aAD12141v - (youth only) most effective medium of Tak Nak ad - poster & billboard

1 TV

2 radio

3 posters & billboards

5 newspapers

6 none of the above

7 don't know anything about Tak Nak

aKN12241v - (youth only) lung cancer in smokers - recode

0 no

1 yes

aKN12251v - (youth only) lung cancer in nonsmokers from SHS - recode

0 no

1 yes

aKN12102v - (youth only) stained teeth in smokers - recode

0 no

1 yes

aKN12103v - (youth only) premature ageing - recode

0 no

1 yes

aKN12261v - (youth only) knowledge of health effects - score

Continuous

aDI12414v - (youth only) currently in school (derived)

1 in school

2 not in school

aAD12181v - (youth only) Fiance meet parents -recode

0 no

1 yes

aAD12182v - (youth only) Audition to be model - recode

0 no

1 yes

aAD12183v - (youth only) Tar in lungs - recode

0 no

1 yes

aAD12184v - (youth only) Rotting lungs - recode

0 no

1 yes

aAD12185v - (youth only) Blood clot in brain - recode

0 no

1 yes

aAD12186v - (youth only) Lung cancer - recode

0 no

1 yes

aAD12187v - (youth only) advertising recall - score

Continuous

4.17.3 South East Asia SEA2

The ITC South East Asia SEA2 study was conducted from July 31, 2006 to June 25, 2007 (Malaysia) and August 1, 2006 to September 28, 2006 (Thailand). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set. Also Note: The country code for this project is 11 for adults and 12 for youth which means that the variable names will be different.

Variable Name	Label
bDE11913v (bDE12913v - youth)	Wave 2 state-level cross-sectional weight for new recruits, Malaysia ONLY
bDE11914v (bDE12914v - youth)	Wave 2 rescaled state-level cross-sectional weight for new recruits, Malaysia ONLY
bDE11915v (bDE12915v - youth)	Wave 2 cross-sectional weight for new recruits, Thailand ONLY
bDE11919v (bDE12919v - youth)	Wave 2 rescaled cross-sectional weight
bDE11921v (bDE12921v - youth)	Wave 2 longitudinal weight for respondents present in Waves 1 and 2
bDE11951v (bDE12951v - youth)	Wave 2 rescaled longitudinal weight for respondents present in Waves 1 and 2
bFR11309v	smoking status (derived)
bQA11331v	any attempts to quit since LSD (derived)
bKN11221v	smoking causes stroke (binary recode)
bKN11231v	smoking causes impotence (binary recode)
bKN11241v	smoking causes lung cancer in smokers (binary recode)
bKN11101v	smoking causes lung decay (binary recode)
bKN11102v	smoking causes stained teeth (binary recode)
bKN11103v	smoking causes premature aging (binary recode)
bKN11251v	smoking causes lung cancer in nonsmokers (binary recode)
bKN11256v	smoking causes mouth cancer (binary recode)
bKN11261v	knowledge of health effects (score)
bDE11212v	annual household income (derived)
bDE11312v	highest level of education (derived)

Table 159: Derived Variables for wave 2 of the ITC South East Asia (SEA) Survey.

bDE11913v (bDE12913v - youth) - Wave 2 state-level cross-sectional weight for new recruits, Malaysia ONLY

bDE11914v (bDE12914v - youth) - Wave 2 rescaled state-level cross-sectional weight for new recruits, Malaysia ONLY

bDE11915v (bDE12915v - youth) - Wave 2 cross-sectional weight for new recruits, Thailand ONLY

bDE11919v (bDE12919v - youth) - Wave 2 rescaled cross-sectional weight

bDE11921v (bDE12921v - youth) - Wave 2 longitudinal weight for respondents present in Waves 1 and 2

bDE11951v (bDE12951v - youth) - Wave 2 rescaled longitudinal weight for respondents present in Waves 1 and 2

bFR11309v - smoking status (derived)

- 1 Daily smoker
- 2 Non-daily smoker
- 4 Quit <1 month ago
- 5 Quit 1-6 months ago
- 6 Quit >6 months ago
- 7 Quitter, unknown duration

bQA11331v - any attempts to quit since LSD (derived)

- 0 no attempt
- 1 tried to quit
- 7 not applicable

bKN11221v - smoking causes stroke (binary recode)

- 0 otherwise
- 1 yes

bKN11231v - smoking causes impotence (binary recode)

- 0 otherwise
- 1 yes

bKN11241v - smoking causes lung cancer in smokers (binary recode)

- 0 otherwise
- 1 yes

bKN11101v - smoking causes lung decay (binary recode)

- 0 otherwise

1 yes

bKN11102v - smoking causes stained teeth (binary recode)

0 otherwise

1 yes

bKN11103v - smoking causes premature aging (binary recode)

0 otherwise

1 yes

bKN11251v - smoking causes lung cancer in nonsmokers (binary recode)

0 otherwise

1 yes

bKN11256v - smoking causes mouth cancer (binary recode)

0 otherwise

1 yes

bKN11261v - knowledge of health effects (score)

Continuous

bDE11212v - annual household income (derived)

1 Low

2 Moderate

3 High

9 Not reported

bDE11312v - highest level of education (derived)

1 Low

2 Moderate

3 High

8 Refused

9 Don't know

4.17.4 South East Asia SEA3

The ITC South East Asia SEA3 study was conducted in 2008 from February 12 to September 3 (Malaysia) and January 7 to March 26 (Thailand). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set. Also Note: The country code for this project is 11 for adults and 12 for youth which means that the variable names will be different.

Variable Name	Label
cDE11915v (cDE12915v - youth)	Wave 3 cross-sectional weight for new recruits
cDE11917v (cDE12917v - youth)	Wave 3 rescaled cross-sectional weight for new recruits
cDE11919v (cDE12919v - youth)	Wave 3 rescaled combined cross-sectional weight for everyone present at Wave 3
cDE11921v (cDE12921v - youth)	Wave 3 longitudinal weight for respondents present in Waves 1, 2 and 3
cDE11923v (cDE12923v - youth)	Wave 3 longitudinal weight for respondents present in Waves 1 and 3
cDE11951v (cDE12951v - youth)	Wave 3 rescaled longitudinal weight for respondents present in Waves 1, 2 and 3
cDE11953v (cDE12953v - youth)	Wave 3 rescaled longitudinal weight for respondents present in Waves 1 and 3
cFR11309v	smoking status (derived)
cFR11245v	cigarettes smoked per day, continuous (derived)
cFR11250v	cigarettes smoked per day, categories (derived)
cSB11012v	time to first cigarette in minutes (derived)
cSB11013v	time to first cigarette, categories (derived)
cFR11260v	heaviness of smoking index (derived)
cQA11331v	any attempts to quit since LSD (derived)
cQA11662v	time since last quit attempt ended in days (derived)
cQA11235v	length of time smoke free of last quit attempt in days (derived)
cSO11222v	where last buy cigs (common codes)
cDE11212v	annual household income (derived)
cDE11312v	highest level of education (derived)
cFR12113v	(youth only) smoked whole cigarette
cFR12114v	(youth only) if smoke whole cig, age at first whole cig

Table 160: Derived Variables for wave 3 of the ITC South East Asia (SEA) Survey.

cDE11915v (cDE12915v - youth) - Wave 3 cross-sectional weight for new recruits

cDE11917v (cDE12917v - youth) - Wave 3 rescaled cross-sectional weight for new recruits

cDE11919v (cDE12919v - youth) - Wave 3 rescaled combined cross-sectional weight for everyone present at Wave 3

cDE11921v (cDE12921v - youth) - Wave 3 longitudinal weight for respondents present in Waves 1, 2 and 3

cDE11923v (cDE12923v - youth) - Wave 3 longitudinal weight for respondents present in Waves 1 and 3

cDE11951v (cDE12951v - youth) - Wave 3 rescaled longitudinal weight for respondents present in Waves 1, 2 and 3

cDE11953v (cDE12953v - youth) - Wave 3 rescaled longitudinal weight for respondents present in Waves 1 and 3

cFR11309v - smoking status (derived)

1 Daily smoker

2 Non-daily smoker

4 Quit <1 month ago

5 Quit 1-6 months ago

6 Quit >6 months ago

7 Quitter, unknown duration

cFR11245v - cigarettes smoked per day, continuous (derived)

Continuous

cFR11250v - cigarettes smoked per day, categories (derived)

0 0 to 10 cig/day

1 11 to 20 cig/day

2 21 to 30 cig/day

3 31+ cig/day

7 NA

8 refused

9 don't know

cSB11012v - time to first cigarette in minutes (derived)

Continuous

cSB11013v - time to first cigarette, categories (derived)

4.17 South East Asia SEA

- 0 61+ minutes
- 1 31 to 60 minutes
- 2 6 to 30 minutes
- 3 within 5 minutes
- 7 na
- 8 refused
- 9 don't know

cFR11260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

cQA11331v - any attempts to quit since LSD (derived)

- 0 no attempt
- 1 tried to quit
- 7 not applicable

cQA11662v - time since last quit attempt ended in days (derived)

Continuous

cQA11235v - length of time smoke free of last quit attempt in days (derived)

Continuous

cSO11222v - where last buy cigarettes (common codes)

- 1 local and convenience stores
- 2 24-hour convenience stores
- 3 gas stations
- 4 newsstand
- 5 supermarket
- 6 recreational venue
- 7 independent/street vendor in recreationa
- 8 street vendor
- 9 vendor selling from truck/car
- 10 duty-free shop
- 11 outside the country of residence
- 12 on the Internet
- 13 from vending machines

4.17 South East Asia SEA

- 20 military shop
- 21 stall
- 76 other
- 77 didn't buy current brand
- 88 refused
- 99 don't know

cDE11212v - annual household income (derived)

- 1 Low
- 2 Moderate
- 3 High
- 9 Not reported

cDE11312v - highest level of education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 8 Refused
- 9 Don't know

cFR12113v - (youth only) smoked whole cigarette

- 1 never smoked whole cigarette
- 2 has smoked whole cigarette
- 7 na

cFR12114v - (youth only) if smoke whole cigarette, age at first whole cigarette

Continuous

4.17.5 South East Asia SEA4

The ITC South East Asia SEA4 study was conducted in 2009 from July 25 to November 18 (Malaysia) and April 16 to July 2 (Thailand). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set. Also Note: The country code for this project is 11 for adults and 12 for youth which means that the variable names will be different.

Variable Name	Label
dDE11915v (dDE12915v - youth)	Wave 4 cross-sectional weight
dDE11919v (dDE12919v - youth)	Wave 4 combined cross-sectional weight for everyone present at Wave 4
dDE11921v (dDE12921v - youth)	Wave 4 longitudinal weight for everyone present in waves 1, 2, 3 and 4
dDE11923v (dDE12923v - youth)	Wave 4 longitudinal weight for everyone present in waves 1 and 4
dFR11309v	smoking status (derived)
dFR11245v	cigarettes smoked per day, continuous (derived)
dFR11250v	cigarettes smoked per day, categories (derived)
dSB11012v	time to first cigarette in minutes (derived)
dSB11013v	time to first cigarette, categories (derived)
dFR11260v	heaviness of smoking index (derived)
dQA11235v	length of last serious quit attempt in days (derived)
dQA11662v	when last quit attempt ended (derived)
dDE11212v	annual household income (derived)
dDE11312v	highest level of education (derived)
dQA11337v	any attempts to quit since LSD (derived)

Table 161: Derived Variables for wave 4 of the ITC South East Asia (SEA) Survey.

dDE11915v (dDE12915v - youth) - Wave 4 cross-sectional weight

dDE11919v (dDE12919v - youth) - Wave 4 combined cross-sectional weight for everyone present at Wave 4

dDE11921v (dDE12921v - youth) - Wave 4 longitudinal weight for everyone present in waves 1, 2, 3 and 4

dDE11923v (dDE12923v - youth) - Wave 4 longitudinal weight for everyone present in waves 1 and 4

dFR11309v - smoking status (derived)

- 1 Daily smoker
- 2 Non-daily smoker
- 4 Quit <1 month ago
- 5 Quit 1-6 months ago
- 6 Quit >6 months ago
- 7 Quitter, unknown duration

dFR11245v - cigarettes smoked per day, continuous (derived)

Continuous

dFR11250v - cigarettes smoked per day, categories (derived)

- 0 0 to 10 cig/day
- 1 11 to 20 cig/day
- 2 21 to 30 cig/day
- 3 31+ cig/day
- 7 NA
- 8 refused
- 9 don't know

dSB11012v - time to first cigarette in minutes (derived)

Continuous

dSB11013v - time to first cigarette, categories (derived)

- 0 61+ minutes
- 1 31 to 60 minutes
- 2 6 to 30 minutes
- 3 within 5 minutes
- 7 na
- 8 refused

4.17 South East Asia SEA

9 don't know

dFR11260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

dQA11235v - length of last serious quit attempt in days (derived)

Continuous

dQA11662v - when last quit attempt ended (derived)

Continuous

dDE11212v - annual household income (derived)

1 Low

2 Moderate

3 High

9 Not reported

dDE11312v - highest level of education (derived)

1 Low

2 Moderate

3 High

8 Refused

9 Don't know

dQA11337v - any attempts to quit since LSD (derived)

Continuous

4.17.6 South East Asia SEA5

The ITC South East Asia SEA5 study was conducted from May 5, 2011 to April 26, 2012 (Malaysia) and from February 7, 2011 to April 19, 2011 (Thailand). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set. Also Note: The country code for this project is 11 for adults and 12 for youth which means that the variable names will be different.

Variable Name	Label
eDE11915v (eDE12915v - youth)	Wave 5 cross-sectional weight
eDE11919v (eDE12919v - youth)	Wave 5 rescaled cross-sectional weight for everyone present at Wave 5
eDE11921v (eDE12921v - youth)	Wave 5 longitudinal weight for everyone present in waves 1, 2, 3, 4 and 5
eDE11923v (eDE12923v - youth)	Wave 5 longitudinal weight for everyone present in waves 1 and 5
eFR11309v	smoking status (derived)
eFR11245v	cigarettes smoked per day, continuous (derived)
eFR11250v	cigarettes smoked per day, categories (derived)
eSB11012v	time to first cigarette in minutes (derived)
eSB11013v	time to first cigarette, categories (derived)
eFR11260v	heaviness of smoking index (derived)
eQA11442v	when did you quit (number of days ago)
eQA11235v	length of last serious quit attempt in days (derived)
eQA11445v	start of most recent QA in days (derived)
eQA11514v	length of QA spanning LSD in days (derived)
eDE11212v	annual household income (derived)
eDE11312v	highest level of education (derived)
eQA11331v	any attempts to quit since LSD (derived)

Table 162: Derived Variables for wave 5 of the ITC South East Asia (SEA) Survey.

eDE11915v (eDE12915v - youth) - Wave 5 cross-sectional weight

eDE11919v (eDE12919v - youth) - Wave 5 rescaled cross-sectional weight for everyone present at Wave 5

eDE11921v (eDE12921v - youth) - Wave 5 longitudinal weight for everyone present in waves 1, 2, 3, 4 and 5

eDE11923v (eDE12923v - youth) - Wave 5 longitudinal weight for everyone present in waves 1 and 5

eFR11309v - smoking status (derived)

- 1 Daily smoker
- 2 Non-daily smoker
- 4 Quit <1 month ago
- 5 Quit 1-6 months ago
- 6 Quit >6 months ago
- 7 Quitter, unknown duration

eFR11245v - cigarettes smoked per day, continuous (derived)

Continuous

eFR11250v - cigarettes smoked per day, categories (derived)

- 0 0 to 10 cig/day
- 1 11 to 20 cig/day
- 2 21 to 30 cig/day
- 3 31+ cig/day
- 7 NA
- 8 refused
- 9 don't know

eSB11012v - time to first cigarette in minutes (derived)

Continuous

eSB11013v - time to first cigarette, categories (derived)

- 0 61+ minutes
- 1 31 to 60 minutes
- 2 6 to 30 minutes
- 3 within 5 minutes
- 7 na
- 8 refused

4.17 South East Asia SEA

9 don't know

eFR11260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

eQA11442v - when did you quit (number of days ago)

Continuous

eQA11235v - length of last serious quit attempt in days (derived)

Continuous

eQA11445v - start of most recent quit attempt in days (derived)

Continuous

eQA11514v - length of quit attempt spanning LSD in days (derived)

Continuous

eDE11212v - annual household income (derived)

1 Low

2 Moderate

3 High

9 Not reported

eDE11312v - highest level of education (derived)

1 Low

2 Moderate

3 High

8 Refused

9 Don't know

eQA11331v - any attempts to quit since LSD (derived)

Continuous

4.17.7 South East Asia SEA6

The ITC South East Asia SEA6 study was conducted from February 18, 2013 to January 31, 2014 (Malaysia) and in 2012 from October 13 to December 27 (Thailand). For more information see the technical report which can be found [here](#). Note: Any smoking behaviour related derived variable would only be found in the smokers sample (smk) data set. Also Note: The country code for this project is 11 for adults and 12 for youth which means that the variable names will be different.

Variable Name	Label
FDE11915V (fDE12915V - youth)	wave 6 coress-sectional weight
FDE11919V (fDE12919V - youth)	wave 6 rescaled cross-sectional weight for everyone present at wave 6
FDE11921V (fDE12921V - youth)	wave 6 longitudinal weight for everyone present in waves 1, 2, 3, 4, 5, and 6
FDE11923V (fDE12923V - youth)	wave 6 longitudinal weight for everyone present in waves 1 and 6
fDE11959v (fDE12959v - youth)	rescaled wave 5 - wave 6 longitudinal weight
FFR11309V	smoking status (derived)
FDE11212V	annual household income (derived)
FDE11312V	highest level of education (derived)
FFR11245V	cigarettes smoked per day continuous (derived)
FFR11250V	cigarettes smoked per day categories (derived)
FFR11260V	heaviness of smoking index (derived)
FQA11443V	when did you quit – composite, # days
FQA11514V	length of QA spanning LSD in days (derived)
FQA11336V	still stopped or back smoking (derived)
FQA11331V	any attempts to quit since LSD
FQA11561V	# QA after LSD (derived)
FQA11442V	when did you last quit in days (derived)
FQA11445V	(derived variable: date most recent QA started)
FQA11662V	since end of quit in 6M – composite, # days
FQA11235V	length of last serious quit attempt in days (derived)
FSB11012V	time to first cigarette in minutes (derived)
FSB11013V	time to first cigarette categories (derived)

Table 163: Derived Variables for wave 6 of the ITC South East Asia (SEA) Survey.

FDE11915V (fDE12915V - youth) - wave 6 coress-sectional weight

FDE11919V (fDE12919V - youth) - wave 6 rescaled cross-sectional weight for everyone present at wave 6

FDE11921V (fDE12921V - youth) - wave 6 longitudinal weight for everyone present in waves 1, 2, 3, 4, 5, and 6

FDE11923V (fDE12923V - youth) - wave 6 longitudinal weight for everyone present in waves 1 and 6

fDE11959v (fDE12959v - youth) - rescaled wave 5 - wave 6 longitudinal weight

FFR11309V - smoking status (derived)

- 1 Daily smoker
- 2 Non-daily smoker
- 4 Quit <1 month ago
- 5 Quit 1-6 months ago
- 6 Quit >6 months ago
- 7 Quitter, unknown duration

FDE11212V - annual household income (derived)

- 1 Low
- 2 Moderate
- 3 High
- 9 Not reported

FDE11312V - highest level of education (derived)

- 1 Low
- 2 Moderate
- 3 High
- 8 Refused
- 9 Don't know

FFR11245V - cigarettes smoked per day continuous (derived)

Continuous

FFR11250V - cigarettes smoked per day categories (derived)

- 0 0 to 10 cig/day
- 1 11 to 20 cig/day
- 2 21 to 30 cig/day
- 3 31+ cig/day

4.17 South East Asia SEA

7 NA

8 refused

9 don't know

FFR11260V - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

FQA11443V - when did you quit – composite, #days

Continuous

FQA11514V - length of quit attempt spanning LSD in days (derived)

Continuous

FQA11336V - still stopped or back smoking (derived)

1 Back smoking

2 Still stopped

7 not applicable

8 refused

9 don't know

FQA11331V - any attempts to quit since LSD

1 Yes

2 No

7 NA

8 refused

9 don't know

FQA11561V - # quit attempt after LSD (derived)

Continuous

FQA11442V - when did you last quit in days (derived)

Continuous

FQA11445V - (derived variable: date most recent quit attempt started)

Continuous

FQA11662V - since end of quit in 6M – composite, # days

Continuous

4.17 South East Asia SEA

FQA11235V - length of last serious quit attempt in days (derived)

Continuous

FSB11012V - time to first cigarette in minutes (derived)

Continuous

FSB11013V - time to first cigarette categories (derived)

- 0 61+ minutes
- 1 31 to 60 minutes
- 2 6 to 30 minutes
- 3 within 5 minutes
- 7 na
- 8 refused
- 9 don't know

4.18 Uruguay UY

The International Tobacco Control (ITC) Uruguay (UY) survey had 5 waves of data collection that were conducted between 2006 and 2014.

4.18.1 UY Core

Variable Name	Description
country	ITC Country Code : 52 - UY
city	DEPARTAMENTO
cohort	Wave of Recruitment of Respondent
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
rDate	Date of Recruitment
rSmoke	Smoking Status at Recruitment
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
inM3	Respondent was recontacted at Wave 3
inP3	Respondent was recruited via replenishment at Wave 3
inM4	Respondent was recontacted at Wave 4
inP4	Respondent was recruited via replenishment at Wave 4
inM5	Respondent was recontacted at Wave 5
inP5	Respondent was recruited via replenishment at Wave 5
Strata	Strata of Respondent
PSU	primary sampling unit (cluster) of Respondent
Block	Block of Respondent

Table 164: Derived Variables for the core dataset at wave 5 of the ITC Uruguay (UY) Survey.

country - ITC Country Code : 52 - UY

city - DEPARTAMENTO

1 Montevideo

6 Durazno

10 Maldonado

13 Rivera

4.18 Uruguay UY

15 Salto

cohort - Wave of Recruitment of Respondent

sex - Gender of Respondent

1 Male

2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

1 18-24

2 25-39

3 40-54

4 55+

rDate - Date of Recruitment

Continuous

rSmoke - Smoking Status at Recruitment

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

8 quit unknown

inM1 - Respondent was recruited in Wave 1

inM2 - Respondent was recontacted at Wave 2

inP2 - Respondent was recruited via replenishment at Wave 2

inM3 - Respondent was recontacted at Wave 3

inP3 - Respondent was recruited via replenishment at Wave 3

inM4 - Respondent was recontacted at Wave 4

inP4 - Respondent was recruited via replenishment at Wave 4

inM5 - Respondent was recontacted at Wave 5

inP5 - Respondent was recruited via replenishment at Wave 5

inM1, inM2, inP2, inM3, inP3, inM4, inP4, inM5 and inP5 all have the following values:

0 Absent/excluded

1 Present/included

7 NA

Strata - Strata of Respondent

Continuous

PSU - primary sampling unit (cluster) of Respondent

Continuous

Block - Block of Respondent

Continuous

4.18.2 Uruguay UY1

The ITC Uruguay UY1 study was conducted in 2006 from November 1 to December 12. For more information see the technical report which can be found [here](#).

Variable Name	Label
aDE73915v	wave 1 cross-sectional weight
aDE52915v	Wave 1 inflated cross-sectional weight
aDE52919v	Wave 1 rescaled cross-sectional weight
aFR52310v	derived – Smoker/Nonsmoker/Quitter
aFR52309v	smoking status
aFR52245v	derived – cigs per day(continuous)
aFR52250v	derived – cigs per day(categories)
aFR52260v	Heaviness of Smoking Index (HSI)
aSB52012v	total min to first cig (continuous)
aSB52013v	total mins to first cig - categories
aQA52441v	derived – time since start of last QA(composite in months)
aQA52235v	derived – time smoke-free on recent QA(composite in months)
aDE52312v	Derived Education
aDE52212v	Derived Income

Table 165: Derived Variables for wave 1 of the ITC Uruguay (UY) Survey.

4.18 Uruguay UY

aDE73915v - wave 1 cross-sectional weight

aDE52915v - Wave 1 inflated cross-sectional weight

aDE52919v - Wave 1 rescaled cross-sectional weight

aFR52310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

aFR52309v - smoking status

1 Daily

2 Nondaily

3 Quitter

aFR52245v - derived – cigarettes per day

Continuous

aFR52250v - derived – cigarettes per day(categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

9 DK

aFR52260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

aSB52012v - total minutes to first cigarette

Continuous

aSB52013v - total minutes to first cigarette - categories

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

4.18 Uruguay UY

7 NA

8 Refused

9 DK

aQA52441v - derived – time since start of last quit attempt (composite in months)

Continuous

aQA52235v - derived – time smoke-free on recent quit attempt (composite in months)

Continuous

aDE52312v - Derived Education

1 Low

2 Moderate

3 High

4 Not Stated

aDE52212v - Derived Income

1 Low

2 Moderate

3 High

4 Not Stated

4.18.3 Uruguay UY2

The ITC Uruguay UY2 study was conducted from October 11, 2008 to February 16, 2009. For more information see the technical report which can be found [here](#).

Variable Name	Label
bDE52915v	Wave 2 inflated cross-sectional weight
bDE52919v	Wave 2 rescaled cross-sectional weight
bDE52921v	Wave 1-2 inflated longitudinal weight
bDE52951v	Wave 1-2 rescaled longitudinal weight
bFR52310v	derived – Smoker/Nonsmoker/Quitter
bFR52309v	smoking status
bFR52245v	derived – cigs per day(continuous)
bFR52250v	derived – cigs per day(categories)
bFR52260v	Heaviness of Smoking Index(HSI)
bQA52235v	derived – length smokefree on most recent QA(composite in months)
bQA52231v	derived – time since end of last quit attempt (months)
bQA52445v	derived – How long ago did you quit(composite in months)
bSB52012v	derived – time to first cig in minutes(continuous)
bSB52013v	derived – time to first cig in minutes(categories)
bDE52312v	Derived Education
bDE52212v	Derived Income
bSO52552v	Coded – cheap bought elsewhere

Table 166: Derived Variables for wave 2 of the ITC Uruguay (UY) Survey.

4.18 Uruguay UY

bDE52915v - Wave 2 inflated cross-sectional weight

bDE52919v - Wave 2 rescaled cross-sectional weight

bDE52921v - Wave 1-2 inflated longitudinal weight

bDE52951v - Wave 1-2 rescaled longitudinal weight

bFR52310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

bFR52309v - smoking status

1 Daily

2 Nondaily

3 Quitter

bFR52245v - derived – cigarettes per day

Continuous

bFR52250v - derived – cigarettes per day(categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

9 DK

bFR52260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bQA52235v - derived – length smokefree on most recent quit attempt (composite in months)

Continuous

bQA52231v - derived – time since end of last quit attempt (months)

Continuous

bQA52445v - derived – How long ago did you quit(composite in months)

4.18 Uruguay UY

Continuous

bSB52012v - derived – time to first cigarette in minutes

Continuous

bSB52013v - derived – time to first cigarette in minutes(categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

bDE52312v - Derived Education

1 Low

2 Moderate

3 High

4 Not Stated

bDE52212v - Derived Income

1 Low

2 Moderate

3 High

4 Not Stated

bSO52552v - Coded – cheap bought elsewhere

1 Mentioned

2 Not mentioned

4.18.4 Uruguay UY3

The ITC Uruguay UY3 study was conducted from October 2, 2010 to January 31, 2011. For more information see the technical report which can be found [here](#).

Variable Name	Label
cDE52915v	Wave 3 inflated cross-sectional weight
cDE52919v	Wave 3 rescaled cross-sectional weight
cDE52921v	Wave 1-2-3 inflated longitudinal weight
cDE52951v	Wave 1-2-3 rescaled longitudinal weight
cDE52923v	Wave 2-3 inflated longitudinal weight
cDE52953v	Wave 2-3 rescaled longitudinal weight
cFR52310v	derived – Smoker/Nonsmoker/Quitter
cFR52309v	smoking status
cFR52245v	derived – cigs per day(continuous)
cFR52250v	derived – cigs per day(categories)
cFR52260v	Heaviness of Smoking Index(HSI)
cQA52235v	derived – length smokefree on most recent QA(composite in months)
cQA52231v	time since end of last quit attempt (months)
cQA52445v	derived – How long ago did you quit(composite in months)
cSB52012v	derived – time to first cig in minutes(continuous)
cSB52013v	derived – time to first cig in minutes(categories)
cDE52312v	Derived Education
cDE52212v	Derived Income

Table 167: Derived Variables for wave 3 of the ITC Uruguay (UY) Survey.

4.18 Uruguay UY

cDE52915v - Wave 3 inflated cross-sectional weight

cDE52919v - Wave 3 rescaled cross-sectional weight

cDE52921v - Wave 1-2-3 inflated longitudinal weight

cDE52951v - Wave 1-2-3 rescaled longitudinal weight

cDE52923v - Wave 2-3 inflated longitudinal weight

cDE52953v - Wave 2-3 rescaled longitudinal weight

cFR52310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

cFR52309v - smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

8 quit unknown

cFR52245v - derived – cigarettes per day

Continuous

cFR52250v - derived – cigarettes per day

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

9 DK

cFR52260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

cQA52235v - derived – length smokefree on most recent quit attempt (composite in months)

Continuous

cQA52231v - time since end of last quit attempt (months)

Continuous

cQA52445v - derived – How long ago did you quit(composite in months)

Continuous

cSB52012v - derived – time to first cigarette in minutes

Continuous

cSB52013v - derived – time to first cigarette in minutes(categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

cDE52312v - Derived Education

1 Low

2 Moderate

3 High

4 Not Stated

cDE52212v - Derived Income

1 Low

2 Moderate

3 High

4 Not Stated

4.18.5 Uruguay UY4

The ITC Uruguay UY4 study was conducted in 2012 from September 22 to December 31. For more information see the technical report which can be found [here](#).

Variable Name	Label
dFR52309v	smoking status
dFR52310v	derived – Smoker/Nonsmoker/Quitter
dDE52915v	Wave 4 inflated cross-sectional weight
dDE52919v	Wave 4 rescaled cross-sectional weight
dDE52921v	Wave 1-2-3-4 inflated longitudinal weight
dDE52951v	Wave 1-2-3-4 rescaled longitudinal weight
dDE52923v	Wave 2-3-4 inflated longitudinal weight
dDE52953v	Wave 2-3-4 rescaled longitudinal weight
dFR52245v	derived – cigs per day(continuous)
dFR52250v	derived – cigs per day(categories)
dFR52260v	Heaviness of Smoking Index(HSI)
dQA52235v	derived – length smokefree on most recent QA(composite in months)
dQA52231v	derived – time since end of last quit attempt (composite in months)
dQA52445v	derived – time since end of last QA(composite in months)
dSB52012v	derived – time to first cig in minutes(continuous)
dSB52013v	derived – time to first cig in minutes(categories)
dPU52201v	last purchase in what form (derived to include RYO)
dDE52925v	Wave 3-4 inflated longitudinal weight
dDE52955v	Wave 3-4 rescaled longitudinal weight

Table 168: Derived Variables for wave 4 of the ITC Uruguay (UY) Survey.

4.18 Uruguay UY

dFR52309v - smoking status

- 1 daily
- 2 weekly
- 3 monthly
- 4 quit < 1 mo
- 5 quit 1-6 mo
- 6 quit > 6 mo
- 8 quit unknown

dFR52310v - derived – Smoker/Nonsmoker/Quitter

- 1 Smoker
- 2 Nonsmoker
- 3 Quitter

dDE52915v - Wave 4 inflated cross-sectional weight

dDE52919v - Wave 4 rescaled cross-sectional weight

dDE52921v - Wave 1-2-3-4 inflated longitudinal weight

dDE52951v - Wave 1-2-3-4 rescaled longitudinal weight

dDE52923v - Wave 2-3-4 inflated longitudinal weight

dDE52953v - Wave 2-3-4 rescaled longitudinal weight

dFR52245v - derived – cigarettes per day

Continuous

dFR52250v - derived – cigarettes per day(categories)

- 0 1-10 cigarettes
- 1 11-20 cigarettes
- 2 21-30 cigarettes
- 3 more than 31 cigarettes
- 7 NA
- 9 DK

dFR52260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

dQA52235v - derived – length smokefree on most recent quit attempt (composite in months)

Continuous

dQA52231v - derived – time since end of last quit attempt (composite in months)

Continuous

dQA52445v - derived – time since end of last quit attempt (composite in months)

Continuous

dSB52012v - derived – time to first cigarette in minutes

Continuous

dSB52013v - derived – time to first cigarette in minutes(categories)

0 0 (> 60 min)

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

dPU52201v - last purchase in what form (derived to include RYO)

1 Pack

2 Single cigarettes

3 Carton

7 NA

9 Don't know

dDE52925v - Wave 3-4 inflated longitudinal weight

dDE52955v - Wave 3-4 rescaled longitudinal weight

4.18.6 Uruguay UY5

The ITC Uruguay UY5 study was conducted in 2014 from July 31 to November 27. For more information see the technical report which can be found [here](#).

Variable Name	Label
eFR52245v	derived – cigs per day(continuous)
eFR52250v	derived – cigs per day(categories)
eQA52235v	derived – length smokefree on most recent QA(composite in months)
eQA52231v	derived – time since end of last quit attempt (composite in months)
eQA52445v	derived – time since end of last QA(composite in months)
eFR52309v	smoking status
eFR52310v	derived – Smoker/Nonsmoker/Quitter
eSB52012v	derived – time to first cig in minutes(continuous)
eSB52013v	derived – time to first cig in minutes(categories)
eFR52260v	Heaviness of Smoking Index(HSI)
eSO52511v	
eSO52513v	
eSO52515v	
eSO52541v	
eSO52514v	
eSO52516v	
eSO52510v	
eSO52520v	
eSO52521v	
eSO52523v	
eSO52525v	
eSO52531v	
eSO52533v	
eSO52552v	
eDE52915v	Derived variable - wave 1 cross-sectional weight
eDE52919v	Derived variable - rescaled cross-sectional weight
eDE52921v	Wave 1-2-3-4-5 inflated longitudinal weight
eDE52951v	Wave 1-2-3-4-5 rescaled longitudinal weight
eDE52923v	Wave 2-3-4-5 inflated longitudinal weight
eDE52953v	Wave 2-3-4-5 rescaled longitudinal weight
eDE52925v	Wave 3-4-5 inflated longitudinal weight
eDE52955v	Wave 3-4-5 rescaled longitudinal weight
eDE52927v	Wave 4-5 inflated longitudinal weight
eDE52957v	Wave 4-5 rescaled longitudinal weight

Table 169: Derived Variables for wave 5 of the ITC Uruguay (UY) Survey.

4.18 Uruguay UY

eFR52245v - derived – cigarettes per day

Continuous

eFR52250v - derived – cigarettes per day(categories)

0 1-10 cigarettes

1 11-20 cigarettes

2 21-30 cigarettes

3 more than 31 cigarettes

7 NA

9 DK

eQA52235v - derived – length smokefree on most recent quit attempt (composite in months)

Continuous

eQA52231v - derived – time since end of last quit attempt (composite in months)

Continuous

eQA52445v - derived – time since end of last quit attempt (composite in months)

Continuous

eFR52309v - smoking status

1 daily

2 weekly

3 monthly

4 quit < 1 mo

5 quit 1-6 mo

6 quit > 6 mo

8 quit unknown

eFR52310v - derived – Smoker/Nonsmoker/Quitter

1 Smoker

2 Nonsmoker

3 Quitter

eSB52012v - derived – time to first cigarette in minutes

Continuous

eSB52013v - derived – time to first cigarette in minutes(categories)

0 0 (> 60 min)

4.18 Uruguay UY

1 1 (31-60 min)

2 2 (6-30 min)

3 3 (<= 5 min)

7 NA

8 Refused

9 DK

eFR52260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

eSO52511v -

1 Mentioned

2 Not mentioned

eSO52513v - have to find out why these are here, and how they were derived

eSO52515v -

eSO52541v -

eSO52514v -

eSO52516v -

eSO52510v -

eSO52520v -

eSO52521v -

eSO52523v -

eSO52525v -

eSO52531v -

eSO52533v -

eSO52552v -

eDE52915v - Derived variable - wave 1 cross-sectional weight

eDE52919v - Derived variable - rescaled cross-sectional weight

eDE52921v - Wave 1-2-3-4-5 inflated longitudinal weight

eDE52951v - Wave 1-2-3-4-5 rescaled longitudinal weight

4.18 Uruguay UY

eDE52923v - Wave 2-3-4-5 inflated longitudinal weight

eDE52953v - Wave 2-3-4-5 rescaled longitudinal weight

eDE52925v - Wave 3-4-5 inflated longitudinal weight

eDE52955v - Wave 3-4-5 rescaled longitudinal weight

eDE52927v - Wave 4-5 inflated longitudinal weight

eDE52957v - Wave 4-5 rescaled longitudinal weight

4.19 Zambia ZM

The International Tobacco Control (ITC) Zambia (ZM) survey had 2 waves of data collection that were conducted between 2012 and 2014. All waves in this study have separate samples which means that they have separate data sets for tobacco users (tob) and non-tobacco users (non).

4.19.1 ZM Core

Variable Name	Description
country	ITC Country Code : 74 - ZM
cohort	Wave of Recruitment of Respondent
province	province (sampling strata) of Respondent
urban	urban/rural residence
statusRec	tobacco use status at the time of recruitment
sex	Gender of Respondent
age	Age at Recruitment of Respondent (Continuous)
agegrp	Age at Recruitment of Respondent (Categorical)
hSizeAdults	# of adults in household
rDate	date of recruitment into survey
Strata	sampling stratum (province) of Respondent
psu1	primary sampling unit (district) of Respondent
psu2	primary sampling unit (ward) of Respondent
inM1	Respondent was recruited in Wave 1
inM2	Respondent was recontacted at Wave 2
inP2	Respondent was recruited via replenishment at Wave 2
lost	Wave when respondent was lost to follow up

Table 170: Derived Variables for the core dataset at wave 2 of the ITC Zambia (ZM) Survey.

country - ITC Country Code : 74 - ZM

cohort - Wave of Recruitment of Respondent

province - province (sampling strata) of Respondent

- 1 Central
- 2 Copperbelt
- 3 Eastern
- 4 Luapula
- 5 Lusaka

4.19 Zambia ZM

- 6 Muchinga
- 7 Northern
- 8 Northwestern
- 9 Southern
- 10 Western

urban - urban/rural residence

- 1 rural
- 2 urban

statusRec - tobacco use status at the time of recruitment

- 1 Cigarette smoker
- 2 Mixed user
- 3 Smokeless user
- 4 Quitter
- 5 Non-user

sex - Gender of Respondent

- 1 Male
- 2 Female

age - Age at Recruitment of Respondent

Continuous

agegrp - Age at Recruitment of Respondent (Categorical)

- 0 15-17
- 1 18-24
- 2 25-39
- 3 40-54
- 4 55+

hSizeAdults - # of adults in household

Continuous

rDate - date of recruitment into survey

Continuous

Strata - sampling stratum (province) of Respondent

- 1 Central

4.19 Zambia ZM

2 Copperbelt

3 Eastern

4 Luapula

5 Lusaka

6 Muchinga

7 Northern

8 Northwestern

9 Southern

10 Western

psu1 - primary sampling unit (district) of Respondent

Continuous

psu2 - primary sampling unit (ward) of Respondent

Continuous

inM1 - Respondent was recruited in Wave 1

0 Absent/excluded

1 Present/included

7 NA

inM2 - Respondent was recontacted at Wave 2

0 Absent/excluded

1 Present/included

7 NA

inP2 - Respondent was recruited via replenishment at Wave 2

0 Absent/excluded

1 Present/included

7 NA

lost - Wave when respondent was lost to follow up

Continuous

4.19.2 Zambia ZM1

The ITC Zambia ZM1 study was conducted in 2012 from September 7 to December 20. For more information see the technical report which can be found [here](#). Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
aDE74915v	national level cross-sectional inflation weight for Wave 1
aDE74919v	re-scaled Wave 1 cross-sectional weight
aTF74998v	type of tobacco user (derived)
aDE74791v	number of adults living in the household
aDE74211v	household income per adult household member (derived)
aDE74212v	income groups, World Bank definition of poverty, PPP conversion factor to USD (derived)
aDE74213v	income groups, World Bank definition of poverty, exchange rate to USD (derived)
aDE74215v	monthly household income per adult in USD, purchasing power parity (derived)
aDE74216v	monthly household income per adult in USD, exchange rate (derived)
aDE74218v	daily household income per adult in USD, purchasing power parity (derived)
aDE74219v	daily household income per adult in USD, exchange rate (derived)
aDE74312v	Highest level of education (derived)
aFR74309v	Cigarette smoking status (derived)
aFR74245v	Cigarettes smoked per day (derived)
aFR74250v	Cigarettes smoked per day (derived categorical measure)
aTF74741v	Smokeless status (derived)
aTF74745v	Smokeless per day (derived)
aTF74750v	Smokeless per day (derived categorical measure)
aSB74013v	Time (in minutes) to first cigarette of the day (derived)
aSB74923v	Time (in minutes) to first smokeless tobacco of the day (derived)
aFR74260v	Heaviness of smoking index (derived)

Table 171: Derived Variables for wave 1 of the ITC Zambia (ZM) Survey. (a)

Variable Name	Label
aQA74231v	Tried to quit smoking in the past year (12 months) (derived)
aTQ74665v	Tried to quit smokeless in the past year (12 months) (derived)
aBQ74150v	Intention to quit smoking (derived)
aTQ74750v	Intention to quit smokeless tobacco (derived)
aPU74607v	Total number of cigarettes purchased (derived)
aPU74621v	Price paid for total cigarette purchase in local currency units (derived)
aPU74623v	Price paid per cigarette in local currency units (derived)
aPU74701v	Total number of pouches purchased (derived)
aPU74721v	Price paid for total pouch purchase in local currency units (derived)
aPU74723v	Price paid per pouch in local currency units (derived)
aPU74625v	Price paid for total cigarette purchase in US dollars, purchasing power parity (derived)
aPU74627v	Price paid per cigarette in US dollars, purchasing power parity (derived)
aPU74725v	Price paid for total pouch purchase in US dollars, purchasing power parity (derived)
aPU74727v	Price paid per pouch in US dollars, purchasing power parity (derived)

Table 172: Derived Variables for wave 1 of the ITC Zambia (ZM) Survey. (b)

aDE74915v - national level cross-sectional inflation weight for Wave 1

aDE74919v - re-scaled Wave 1 cross-sectional weight

aTF74998v - type of tobacco user (derived)

1 Cigarette smoker

2 Mixed user

3 Smokeless user

4 Quitter

5 Non-user

aDE74791v - number of adults living in the household

Continuous

aDE74211v - household income per adult household member (derived)

Continuous

aDE74212v - income groups, World Bank definition of poverty, PPP conversion factor to USD (derived)

0 Low

1 Moderate

2 High

9 Not reported

aDE74213v - income groups, World Bank definition of poverty, exchange rate to USD (derived)

0 Low

1 Moderate

2 High

9 Not reported

aDE74215v - monthly household income per adult in USD, purchasing power parity (derived)

Continuous

aDE74216v - monthly household income per adult in USD, exchange rate (derived)

Continuous

aDE74218v - daily household income per adult in USD, purchasing power parity (derived)

Continuous

aDE74219v - daily household income per adult in USD, exchange rate (derived)

Continuous

4.19 Zambia ZM

aDE74312v - Highest level of education (derived)

- 1 Low (illiterate/< primary)
- 2 Moderate (some/completed primary)
- 3 High (secondary or higher)

aFR74309v - Cigarette smoking status (derived)

- 1 daily
- 2 weekly
- 3 less than weekly
- 4 quit cig in last 30 days
- 5 quit cig 1-5 months ago
- 6 quit cig 6 months ago or longer

aFR74245v - Cigarettes smoked per day (derived)

Continuous

aFR74250v - Cigarettes smoked per day (derived categorical measure)

- 0 < 10 cig/day
- 1 11-20 cig/day
- 2 21-30 cig/day
- 3 31+ cig/day

aTF74741v - Smokeless status (derived)

- 1 Daily user
- 2 Less than daily user
- 3 Less than weekly user
- 4 Quit last 30 days
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago

aTF74745v - Smokeless per day (derived)

Continuous

aTF74750v - Smokeless per day (derived categorical measure)

- 0 <= 10 per day
- 1 11-20 per day
- 2 21-30 per day
- 3 31+ per day

aSB74013v - Time (in minutes) to first cigarette of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

aSB74923v - Time (in minutes) to first smokeless tobacco of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

aFR74260v - Heaviness of Smoking Index (HSI)

- 0-2 low
- 3-4 moderate
- 5-6 high

aQA74231v - Tried to quit smoking in the past year (12 months) (derived)

- 1 Tried to quit in past year (12 months)
- 2 No attempt to quit

aTQ74665v - Tried to quit smokeless in the past year (12 months) (derived)

- 1 Tried to quit in past year (12 months)
- 2 No attempt to quit

aBQ74150v - Intention to quit smoking (derived)

- 0 No intention to quit
- 1 Plans to quit
- 7 NOT APPLICABLE
- 8 REFUSED
- 9 DON'T KNOW

aTQ74750v - Intention to quit smokeless tobacco (derived)

0 No intention to quit

1 Plans to quit

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

aPU74607v - Total number of cigarettes purchased (derived)

Continuous

aPU74621v - Price paid for total cigarette purchase in local currency units (derived)

Continuous

aPU74623v - Price paid per cigarette in local currency units (derived)

Continuous

aPU74701v - Total number of pouches purchased (derived)

Continuous

aPU74721v - Price paid for total pouch purchase in local currency units (derived)

Continuous

aPU74723v - Price paid per pouch in local currency units (derived)

Continuous

aPU74625v - Price paid for total cigarette purchase in US dollars, purchasing power parity (derived)

Continuous

aPU74627v - Price paid per cigarette in US dollars, purchasing power parity (derived)

Continuous

aPU74725v - Price paid for total pouch purchase in US dollars, purchasing power parity (derived)

Continuous

aPU74727v - Price paid per pouch in US dollars, purchasing power parity (derived)

Continuous

4.19.3 Zambia ZM2

The ITC Zambia ZM2 study was conducted in 2014 from August 18 to October 30. For more information see the technical report which can be found [here](#). Note: Any tobacco use related derived variable would only be found in the tobacco users sample (tob) data set.

Variable Name	Label
bDE74915v	Wave 2 cross-sectional sampling weight (inflation weight)
bDE74919v	Wave 2 rescaled cross-sectional sampling weight
bDE74921v	W1-W2 longitudinal sampling weight
bDE74951v	W1-W2 rescaled longitudinal sampling weight
bTF74998v	type of tobacco user (derived)
bDE74791v	number of adults living in the household
bDE74211v	household income per adult household member (derived)
bDE74213v	income groups, World Bank definition of poverty, exchange rate to USD (derived)
bDE74216v	monthly household income per adult in USD, exchange rate (derived)
bDE74219v	daily household income per adult in USD, exchange rate (derived)
bDE74312v	Highest level of education (derived)
bFR74309v	Cigarette smoking status (derived)
bFR74245v	Cigarettes smoked per day (derived)
bFR74250v	Cigarettes smoked per day (derived categorical measure)
bTF74741v	Smokeless status (derived)
bTF74745v	Smokeless per day (derived)
bTF74750v	Smokeless per day (derived categorical measure)
bSB74013v	Time (in minutes) to first cigarette of the day (derived)
bSB74923v	Time (in minutes) to first smokeless tobacco of the day (derived)
bFR74260v	Heaviness of smoking index (derived)
bQA74231v	Tried to quit smoking in the past year (12 months) (derived)
bTQ74665v	Tried to quit smokeless in the past year (12 months) (derived)
bBQ74150v	Intention to quit smoking (derived)
bTQ74750v	Intention to quit smokeless tobacco (derived)
bPU74607v	Total number of cigarettes purchased (derived)
bPU74621v	Price paid for total cigarette purchase in local currency units (derived)
bPU74623v	Price paid per cigarette in local currency units (derived)

Table 173: Derived Variables for wave 2 of the ITC Zambia (ZM) Survey.

bDE74915v - Wave 2 cross-sectional sampling weight (inflation weight)

bDE74919v - Wave 2 rescaled cross-sectional sampling weight

bDE74921v - W1-W2 longitudinal sampling weight

bDE74951v - W1-W2 rescaled longitudinal sampling weight

bTF74998v - type of tobacco user (derived)

1 Cigarette smoker

2 Mixed user

3 Smokeless user

4 Quitter

5 Non-user

bDE74791v - number of adults living in the household

Continuous

bDE74211v - household income per adult household member (derived)

Continuous

bDE74213v - income groups, World Bank definition of poverty, exchange rate to USD (derived)

0 Low

1 Moderate

2 High

9 Not reported

bDE74216v - monthly household income per adult in USD, exchange rate (derived)

Continuous

bDE74219v - daily household income per adult in USD, exchange rate (derived)

Continuous

bDE74312v - Highest level of education (derived)

1 Low (illiterate/< primary)

2 Moderate (some/completed primary)

3 High (secondary or higher)

bFR74309v - Cigarette smoking status (derived)

1 daily

2 weekly

4.19 Zambia ZM

- 3 less than weekly
- 4 quit cig in last 30 days
- 5 quit cig 1-5 months ago
- 6 quit cig 6 months ago or longer

bFR74245v - Cigarettes smoked per day (derived)

Continuous

bFR74250v - Cigarettes smoked per day (derived categorical measure)

- 0 < 10 cig/day
- 1 11-20 cig/day
- 2 21-30 cig/day
- 3 31+ cig/day

bTF74741v - Smokeless status (derived)

- 1 Daily user
- 2 Less than daily user
- 3 Less than weekly user
- 4 Quit last 30 days
- 5 Quit 1-6 months ago
- 6 Quit more than 6 months ago

bTF74745v - Smokeless per day (derived)

Continuous

bTF74750v - Smokeless per day (derived categorical measure)

- 0 <= 10 per day
- 1 11-20 per day
- 2 21-30 per day
- 3 31+ per day

bSB74013v - Time (in minutes) to first cigarette of the day (derived)

- 0 More than 60 min
- 1 31-60 min
- 2 6-30 min
- 3 5 min or less
- 7 NOT APPLICABLE
- 8 REFUSED

9 DON'T KNOW

bSB74923v - Time (in minutes) to first smokeless tobacco of the day (derived)

0 More than 60 min

1 31-60 min

2 6-30 min

3 5 min or less

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

bFR74260v - Heaviness of Smoking Index (HSI)

0-2 low

3-4 moderate

5-6 high

bQA74231v - Tried to quit smoking in the past year (12 months) (derived)

1 Tried to quit in past year (12 months)

2 No attempt to quit

bTQ74665v - Tried to quit smokeless in the past year (12 months) (derived)

1 Tried to quit in past year (12 months)

2 No attempt to quit

bBQ74150v - Intention to quit smoking (derived)

0 No intention to quit

1 Plans to quit

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

bTQ74750v - Intention to quit smokeless tobacco (derived)

0 No intention to quit

1 Plans to quit

7 NOT APPLICABLE

8 REFUSED

9 DON'T KNOW

bPU74607v - Total number of cigarettes purchased (derived)

Continuous

bPU74621v - Price paid for total cigarette purchase in local currency units (derived)

Continuous

bPU74623v - Price paid per cigarette in local currency units (derived)

Continuous