1. Tobacco Products Use Variables for PATH Adult Data (Wave 3)

This dictionary includes variables of cigarette, e-products (e-products), traditional cigars, pipes, hookahs, filtered cigars, cigarillos and smokeless tobacco product use that can be used in multiproduct analysis; for example: transition analysis and LCA/LTA analysis.

Note about missing values for all indicators: In PATH, many of the questions depend on the ability to classify individuals by their tobacco product use status. Sometimes we are unable to make this classification due to the skip pattern of the instrument for one or more component variables, or because a "refused", "I don't know" or "improbable" response was provided or because the individual requested their data to be removed; therefore these cases were excluded from the calculation of the indicators below.

1.1. Cigarette use variables

UM_W3_A_100cigs: Adult established cigarette smoker

Description: Adults who have smoked at least 100 or more cigarettes (5 packs or more) in their lifetimes.

Numerator: Number of respondents who have smoked ≥ 100 cigarettes in their lifetimes

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	13,738	48.81
1 = Yes	14,355	51.00
Missing	55	0.20
Total	28,148	100.00

This variable has 28,093 valid cases out of 28,148 total cases.

Missing values: See note about missing values for all indicators.

UM_W3_A_cigs_everysome_ESTD: Adult established cigarette smoker - every day or some days

Description: Adult respondents who have smoked at least 100 cigarettes in their lifetimes, and currently smoke every day or some days.

Numerator: Number of established cigarette smokers who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	19,110	67.89
1 = Yes	9,013	32.02
Missing	25	0.09
Total	28,148	100.00

This variable has 28,123 valid cases out of 28,148 total cases.

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[1]Those responses that are "not valid" are described for each indicator under "missing values"

UM_W3_A_cigs_30day: In the past 30 days, number of days smoked cigarettes

Description: Number of days a respondent smoked cigarettes in the past 30 days.

Numerator: Respondents who have smoked cigarettes in the past 30 days

Denominator: Total number of respondents[1]

- Mean: 8.66
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 13.18
- Never smoked or did not smoke in the past 30 days: 18,483 (65.66%)
- Missing: 28 (0.10%)

This variable has 28,120 valid cases out of 28,148 total cases.

UM_W3_A_cigs1_past30: Adult smoker - smoked at least 1 day in the past 30 days

Description: Respondents who smoked cigarettes at least 1 day in the past 30 days.

Numerator: Number of respondents who smoked cigarettes at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	18,483	62.85
1 = Yes	9,637	37.04
Missing	28	0.11
Total	28,148	100.00

This variable has 28,120 valid cases out of 28,148 total cases.

UM_W3_A_cigs1_past30_ESTD: Adult established smoker - smoked at least 1 day in the past 30 days

Description: Established smokers (smoked ≥ 100 cigarettes in their lifetimes) who smoked cigarettes at least 1 day in the past 30 days.

Numerator: Number of established smokers who smoked cigarettes at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	19,169	68.10
1 = Yes	8,907	31.64
Missing	72	0.26
Total	28,148	100.00

[1]Those responses that are "not valid" are described for each indicator under "missing values"

This variable has 28,076 valid cases out of 28,148 total cases.

UM_W3_A_cigs10_past30: Adult smoker - smoked at least 10 days in the past 30 days

Description: Respondents who smoked cigarettes at least 10 days in the past 30 days.

Numerator: Number of respondents who smoked cigarettes at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	19,698	69.98
1 = Yes	8,422	29.92
Missing	28	0.10
Total	28,148	100.00

This variable has 28,120 valid cases out of 28,148 total cases.

UM_W3_A_cigs10_past30_ESTD: Adult established smoker - smoked at least 10 days in the past 30 days

Description: Established smokers (smoked ≥ 100 cigarettes in their lifetimes) who smoked cigarettes at least 10 days in the past 30 days.

Numerator: Number of established smokers who smoked cigarettes at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	19,981	70.99
1 = Yes	8,095	28.76
Missing	72	0.26
Total	28,148	100.00

This variable has 28,076 valid cases out of 28,148 total cases.

UM_W3_A_cigs25_past30: Adult smoker - smoked at least 25 days in the past 30 days

Description: Respondents who smoked cigarettes at least 25 days in the past 30 days.

Numerator: Number of respondents who smoked cigarettes at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	20,576	73.10
1 = Yes	7,544	26.80
Missing	28	0.10
Total	28,148	100.00

This variable has 28,120 valid cases out of 28,148 total cases.

[1]Those responses that are "not valid" are described for each indicator under "missing values"

UM_W3_A_cigs25_past30_ESTD: Adult established smoker - smoked at least 25 days in the past 30 days

Description: Established smokers (smoked ≥ 100 cigarettes in their lifetimes) who smoked cigarettes at least 25 days in the past 30 days.

Numerator: Number of established smokers who smoked cigarettes at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	20,737	73.67
1 = Yes	7,339	26.07
Missing	72	0.26
Total	28,148	100.00

This variable has 28,076 valid cases out of 28,148 total cases.

UM_W3_A_cigs_perday: In past 30 days, average number of cigarettes smoked per day on days smoked

Description: Number of cigarettes a respondent usually smokes each day.

Numerator: Number of cigarettes smoked per day

Denominator: Total number of respondents[1]

- Mean: 5.31
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 9100
- Standard deviation: 64.20
- Never smoked or did not smoke in the past 30 days: 17,835 (63.36%)
- Missing: 129 (0.46%)

This variable has 28,019 valid cases out of 28,148 total cases.

UM_W3_A_cigs_perday_cat: In past 30 days, average number of cigarettes smoked per day on days smoked – categorical variable

Description: Number of cigarettes a respondent usually smokes each day.

Numerator: Number of cigarettes smoked per day

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%

[1]Those responses that are "not valid" are described for each indicator under "missing values"

0 = None	17,835	63.36
1 = Less than 20	7,327	26.03
2 = Twenty or more	2,863	10.17
Missing	123	0.44
Total	28,148	100.00

This variable has 28,025 valid cases out of 28,148 total cases.

UM_W3_A_cig_Menthol: Regular / last brand of cigarettes smoked flavored to taste like menthol or mint

Description: Indicator for respondents whose regular / last brand of manufactured cigarettes or roll-your-own cigarette tobacco was flavored to taste like menthol or mint.

Numerator: Number of current and former established smokers whose regular / last brand of manufactured cigarettes or roll-your-own cigarette tobacco was flavored to taste like menthol or mint

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Yes	4,649	16.52
Missing	23,499	83.48
Total	28,148	100

This variable has 4,649 valid cases out of 28,148 total cases.

1.2. E-product use variables

Note about missing values for all indicators: In PATH, many of the questions depend on the ability to classify individuals by their tobacco product use status. Sometimes we are unable to make this classification due to the skip pattern of the instrument for one or more component variables, or because a "refused", "I don't know" or "improbable" response was provided or because the individual requested their data to be removed; therefore these cases were excluded from the calculation of the indicators below.

UM_W3_A_eprods_reg: Adult regular e-product user

Description: Respondents who have used e-products fairly regularly.

Numerator: Number of respondents who have used e-products fairly regularly

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	24,031	85.37
1 = Yes	3,994	14.19
Missing	123	0.44
Total	28,148	100.00

This variable has 28,025 valid cases out of 28,148 total cases.

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Missing values: See note about missing values for all indicators.

UM_W3_A_eprod_everysome: Adult e-product user - every day or some days

Description: Current user of e-products (used every day or some days) among all ever users.

Numerator: Number of e-product users who currently use every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,498	93.43
1 = Yes	1,749	6.17
Missing	115	0.41
Total	28,148	100.00

This variable has 28,247 valid cases out of 28,148 total cases.

UM_W3_A_eprod_everysome_ESTD: Adult regular e-product user - every day or some days

Description: Current user of e-products (used every day or some days) among all regular users.

Numerator: Number of regular e-product users who currently use every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,324	93.52
1 = Yes	1,771	6.29
Missing	53	0.19
Total	28,148	100.00

This variable has 28,095 valid cases out of 28,148 total cases.

UM_W3_A_eprod_30day: In the past 30 days, number of days used e-products

Description: Number of days a respondent used e-products in the past 30 days.

Numerator: Respondents who have used e-products in the past 30 days

Denominator: Total number of respondents[1]

- Mean: 1.29
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 5.63

[1]Those responses that are "not valid" are described for each indicator under "missing values"

- Never used or did not use in the past 30 days: 25,853 (91.85%)
- Missing: 55 (0.20%)

This variable has 28,093 valid cases out of 28,148 total cases.

UM_W3_A_eprod1_past30: Adult e-product user - used at least 1 day in the past 30 days

Description: Respondents who used e-products at least 1 day in the past 30 days.

Numerator: Number of respondents who used e-products at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	25,853	91.85
1 = Yes	2,240	7.96
Missing	55	0.20
Total	28,148	100.00

This variable has 28,093 valid cases out of 28,148 total cases.

UM_W3_A_eprod10_past30: Adult e-product user - used at least 10 days in the past 30 days

Description: Respondents who used e-products at least 10 days in the past 30 days.

Numerator: Number of respondents who used e-products at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,790	95.18
1 = Yes	1,303	4.63
Missing	55	0.20
Total	28,148	100.00

This variable has 28,093 valid cases out of 28,148 total cases.

UM_W3_A_eprod25_past30: Adult e-product user - used at least 25 days in the past 30 days

Description: Respondents who used e-products at least 25 days in the past 30 days.

Numerator: Number of respondents who used e-products at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,139	96.42
1 = Yes	954	3.39
Missing	55	0.20
Total	28,148	100.00

This variable has 28,093 valid cases out of 28,148 total cases.

[1]Those responses that are "not valid" are described for each indicator under "missing values"

1.3. Other combustible tobacco products use variables

UM_W3_A_cigar_everysome: Adult traditional cigar user – every day or some days

Description: Current user of traditional cigars (smoked every day or some days) among all ever users.

Numerator: Number of traditional cigar users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,700	94.86
1 = Yes	1,435	5.10
Missing	13	0.05
Total	28,148	100.00

This variable has 28,135 valid cases out of 28,148 total cases.

Missing values: See note about missing values for all indicators.

UM_W3_A_cigar_everysome_ESTD: Adult regular traditional cigar user – every day or some days

Description: Current user of traditional cigars (smoked every day or some days) among all regular users.

Numerator: Number of regular traditional cigar users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,530	97.80
1 = Yes	608	2.16
Missing	10	0.04
Total	28,148	100.00

This variable has 28,138 valid cases out of 28,148 total cases.

UM_W3_A_cigar_30day: In the past 30 days, number of days smoked traditional cigars

Description: Number of days a respondent smoked traditional cigars in the past 30 days.

Numerator: Respondents who have smoked traditional cigars in the past 30 days

- Mean: 0.19
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 1.95
- Never smoked or did not smoke in the past 30 days: 27,295 (96.97%)
- Missing: 11 (0.04%)

[1]Those responses that are "not valid" are described for each indicator under "missing values"

This variable has 28137 valid cases out of 28,148 total cases

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UM_W3_A_cigar1_past30: Adult traditional cigar user - smoked at least 1 day in the past 30 days

Description: Respondents who have smoked traditional cigars at least 1 day in the past 30 days.

Numerator: Number of respondents who have smoked traditional cigars at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,295	96.97
1 = Yes	842	2.99
Missing	11	0.04
Total	28,148	100.00

This variable has 28,137 valid cases out of 28,148 total cases.

UM_W3_A_cigar10_past30: Adult traditional cigar user - smoked at least 10 days in the past 30 days

Description: Respondents who have smoked traditional cigars at least 10 days in the past 30 days.

Numerator: Number of respondents who have smoked traditional cigars at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,973	99.38
1 = Yes	164	0.58
Missing	11	0.04
Total	28,148	100.00

This variable has 28,137 valid cases out of 28,148 total cases.

UM_W3_A_cigar25_past30: Adult traditional cigar user - smoked at least 25 days in the past 30 days

Description: Respondents who have smoked traditional cigars at least 25 days in the past 30 days.

Numerator: Number of respondents who have smoked traditional cigars at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	28,037	99.61
1 = Yes	100	0.36
Missing	11	0.04
Total	28,148	100.00

[1]Those responses that are "not valid" are described for each indicator under "missing values"

This variable has 28,137 valid cases out of 28,148 total cases.

UM_W3_A_cigarillo_everysome: Adult cigarillo user – every day or some days

Description: Current user of cigarillos (smoked every day or some days) among all ever users.

Numerator: Number of cigarillo users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,361	93.65
1 = Yes	1,309	4.65
Missing	478	1.70
Total	28,148	100.00

This variable has 27,670 valid cases out of 28,148 total cases.

UM_W3_A_cigarillo_everysome_ESTD: Adult regular cigarillo user – every day or some days

Description: Current user of cigarillos (smoked every day or some days) among all regular users.

Numerator: Number of regular cigarillo users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,990	95.89
1 = Yes	682	2.42
Missing	476	1.69
Total	28,148	100.00

This variable has 27,672 valid cases out of 28,148 total cases.

UM_W3_A_cigarillo_30day: In the past 30 days, number of days smoked cigarillos

Description: Number of days a respondent smoked cigarillos in the past 30 days.

Numerator: Respondents who have smoked cigarillos in the past 30 days

- Mean: 0.34
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 2.70
- Never smoked or did not smoke in the past 30 days: 27,157 (96.48%)
- Missing: 10 (0.04%)

This variable has 28,138 valid cases out of 28,148 total cases.

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[1]Those responses that are "not valid" are described for each indicator under "missing values"

UM_W3_A_cigarillo1_past30: Adult cigarillo user - smoked at least 1 day in the past 30 days

Description: Respondents who have smoked cigarillos at least 1 day in the past 30 days.

Numerator: Number of respondents who have smoked cigarillos at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,157	96.48
1 = Yes	981	3.49
Missing	10	0.04
Total	28,148	100.00

This variable has 28,138 valid cases out of 28,148 total cases.

UM_W3_A_cigarillo10_past30: Adult cigarillo user - smoked at least 10 days in the past 30 days

Description: Respondents who have smoked cigarillos at least 10 days in the past 30 days.

Numerator: Number of respondents who have smoked cigarillos at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,821	98.84
1 = Yes	317	1.13
Missing	10	0.04
Total	28,148	100.00

This variable has 28,138 valid cases out of 28,148 total cases.

UM_W3_A_cigarillo25_past30: Adult cigarillo user - smoked at least 25 days in the past 30 days

Description: Respondents who have smoked cigarillos at least 25 days in the past 30 days.

Numerator: Number of respondents who have smoked cigarillos at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,942	99.27
1 = Yes	196	0.70
Missing	10	0.04
Total	28,148	100.00

This variable has 28,138 valid cases out of 28,148 total cases.

UM_W3_A_filtcigar_everysome: Adult filtered cigar user – every day or some days

Description: Current user of filtered cigars (smoked every day or some days) among all ever users.

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Numerator: Number of filtered cigar users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,356	97.19
1 = Yes	776	2.76
Missing	16	0.06
Total	28,148	100.00

This variable has 28,132 valid cases out of 28,148 total cases.

UM_W3_A_filtcigar_everysome_ESTD: Adult regular filtered cigar user – every day or some days

Description: Current user of filtered cigars (smoked every day or some days) among all regular users.

Numerator: Number of regular filtered cigar users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,707	98.43
1 = Yes	424	1.51
Missing	17	0.06
Total	28,148	100.00

This variable has 28,131 valid cases out of 28,148 total cases.

UM_W3_A_filtcigar_30day: In the past 30 days, number of days smoked filtered cigars

Description: Number of days a respondent smoked filtered cigars in the past 30 days.

Numerator: Respondents who have smoked filtered cigars in the past 30 days

- Mean: 0.30
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 2.76
- Never smoked or did not smoke in the past 30 days: 27,539 (97.84%)
- Missing: 9 (0.03%)

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_filtcigar1_past30: Adult filtered cigar user - smoked at least 1 day in the past 30 days

Description: Respondents who have smoked filtered cigars at least 1 day in the past 30 days.

Numerator: Number of respondents who have smoked filtered cigars at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Value	Unweighted frequency	%
0 = No	27,539	97.84
1 = Yes	600	2.13
Missing	9	0.03
Total	28,148	100.00

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_filtcigar10_past30: Adult filtered cigar user - smoked at least 10 days in the past 30 days

Description: Respondents who have smoked filtered cigars at least 10 days in the past 30 days.

Numerator: Number of respondents who have smoked filtered cigars at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,850	98.94
1 = Yes	289	1.03
Missing	9	0.03
Total	28,148	100.00

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_filtcigar25_past30: Adult filtered cigar user - smoked at least 25 days in the past 30 days

Description: Respondents who have smoked filtered cigars at least 25 days in the past 30 days.

Numerator: Number of respondents who have smoked filtered cigars at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,916	99.18
1 = Yes	223	0.79
Missing	9	0.03
Total	28,148	100.00

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_pipe_everysome: Adult pipe user – every day or some days

Description: Current user of pipes (smoked every day or some days) among all ever users.

Numerator: Number of pipe users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,795	98.75
1 = Yes	341	1.21

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Missing	12	0.04
Total	28,148	100.00

This variable has 28,136 valid cases out of 28,148 total cases.

UM_W3_A_pipe_everysome_ESTD: Adult regular pipe user – every day or some days

Description: Current user of pipes (smoked every day or some days) among all regular users.

Numerator: Number of regular pipe users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,951	99.30
1 = Yes	186	0.66
Missing	11	0.04
Total	28,148	100.00

This variable has 28,137 valid cases out of 28,148 total cases.

UM_W3_A_pipe_30day: In the past 30 days, number of days smoked pipes

Description: Number of days a respondent smoked pipes in the past 30 days.

Numerator: Respondents who have smoked pipes in the past 30 days

- Mean: 0.09
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 1.43
- Never smoked or did not smoke in the past 30 days: 27,912 (99.16%)
- Missing: 6 (0.02%)

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_pipe1_past30: Adult pipe user - smoked at least 1 day in the past 30 days

Description: Respondents who have smoked pipes at least 1 day in the past 30 days.

Numerator: Number of respondents who have smoked pipes at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,912	99.16
1 = Yes	230	0.82
Missing	6	0.02
Total	28,148	100.00

[1]Those responses that are "not valid" are described for each indicator under "missing values"

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_pipe10_past30: Adult pipe user - smoked at least 10 days in the past 30 days

Description: Respondents who have smoked pipes at least 10 days in the past 30 days.

Numerator: Number of respondents who have smoked pipes at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	28,057	99.68
1 = Yes	85	0.30
Missing	6	0.02
Total	28,148	100.00

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W2_A_pipe25_past30: Adult pipe user - smoked at least 25 days in the past 30 days

Description: Respondents who have smoked pipes at least 25 days in the past 30 days.

Numerator: Number of respondents who have smoked pipes at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	28,086	99.78
1 = Yes	56	0.20
Missing	6	0.02
Total	28,148	100.00

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_hook_everysome: Adult hookah user – every day or some days

Description: Current user of hookahs (smoked every day or some days) among all ever users.

Numerator: Number of hookah users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,747	95.02
1 = Yes	1,388	4.93
Missing	13	0.05
Total	28,148	100.00

This variable has 28,135 valid cases out of 28,148 total cases.

UM_W3_A_hook_everysome_ESTD: Adult regular hookah user – every day or some days

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Description: Current user of hookahs (smoked every day or some days) among all regular users.

Numerator: Number of regular hookah users who currently smoke every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,537	97.83
1 = Yes	596	2.12
Missing	15	0.05
Total	28,148	100.00

This variable has 28,133 valid cases out of 28,148 total cases.

UM_W3_A_hook_30day: In the past 30 days, number of times smoked hookahs

Description: Number of times a respondent smoked hookahs in the past 30 days.

Numerator: Respondents who have smoked hookahs in the past 30 days

- Mean: 0.13
- Mode: 0
- Minimum: 0
- Maximum: 195.75
- Standard deviation: 1.92
- Never smoked or did not smoke in the past 30 days: 27,256 (96.83%)
- Missing: 16 (0.06%)

This variable has 28,132 valid cases out of 28,148 total cases.

UM_W3_A_ hook1_past30: Adult hookah user - smoked at least 1 time in the past 30 days

Description: Respondents who have smoked hookahs at least 1 time in the past 30 days.

Numerator: Number of respondents who have smoked hookahs at least 1 time in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,256	96.83
1 = Yes	876	3.11
Missing	16	0.06
Total	28,148	100.00

This variable has 28,132 valid cases out of 28,148 total cases.

UM_W3_A_hook10_past30: Adult hookah user - smoked at least 10 times in the past 30 days

Description: Respondents who have smoked hookahs at least 10 times in the past 30 days.

Numerator: Number of respondents who have smoked hookahs at least 10 times in the past 30 days

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	28,050	99.65
1 = Yes	82	0.29
Missing	16	0.06
Total	28,148	100.00

This variable has 28,132 valid cases out of 28,148 total cases.

UM_W3_A_hook25_past30: Adult hookah user - smoked at least 25 times in the past 30 days

Description: Respondents who have smoked hookahs at least 25 times in the past 30 days.

Numerator: Number of respondents who have smoked hookahs at least 25 times in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	28,087	99.78
1 = Yes	45	0.16
Missing	16	0.06
Total	28,148	100.00

This variable has 28,132 valid cases out of 28,148 total cases.

1.4. Smokeless tobacco use variables

UM_W3_A_snus_everysome: Adult snus pouch user – every day or some days

Description: Current user of snus pouches (used every day or some days) among all ever users.

Numerator: Number of snus pouch users who currently use every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,842	98.91
1 = Yes	288	1.02
Missing	18	0.06
Total	28,148	100.00

This variable has 28,130 valid cases out of 28,148 total cases.

Missing values: See note about missing values for all indicators.

UM_W3_A_snus_everysome_ESTD: Adult regular snus pouch user – every day or some days

Description: Current user of snus pouches (used every day or some days) among all regular users.

Numerator: Number of regular snus pouch users who currently use every day or some days

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[1]Those responses that are "not valid" are described for each indicator under "missing values"

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,942	99.27
1 = Yes	190	0.68
Missing	16	0.06
Total	28,148	100.00

This variable has 28,132 valid cases out of 28,148 total cases.

UM_W3_A_snus_30day: In the past 30 days, number of days used snus pouches

Description: Number of days a respondent used snus pouches in the past 30 days.

Numerator: Respondents who have used snus pouches in the past 30 days

- Mean: 0.10
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 1.55
- Never used or did not use in the past 30 days: 27,923 (99.20%)
- Missing: 6 (0.02%)

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_ snus1_past30: Adult snus pouch user - used at least 1 day in the past 30 days

Description: Respondents who have used snus pouches at least 1 day in the past 30 days.

Numerator: Number of respondents who have used snus pouches at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,923	99.20
1 = Yes	219	0.78
Missing	6	0.02
Total	28,148	100.00

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_snus10_past30: Adult snus pouch user - used at least 10 days in the past 30 days

Description: Respondents who have used snus pouches at least 10 days in the past 30 days.

Numerator: Number of respondents who have used snus pouches at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%

[1]Those responses that are "not valid" are described for each indicator under "missing values"

0 = No	28,039	99.61
1 = Yes	103	0.37
Missing	6	0.02
Total	28,148	100.00

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_snus25_past30: Adult snus pouch user - used at least 25 days in the past 30 days

Description: Respondents who have used snus pouches at least 25 days in the past 30 days.

Numerator: Number of respondents who have used snus pouches at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	28,077	99.75
1 = Yes	65	0.23
Missing	6	0.02
Total	28,148	100.00

This variable has 28,142 valid cases out of 28,148 total cases.

UM_W3_A_slt_everysome: Adult smokeless tobacco product user – every day or some days

Description: Current user of smokeless tobacco products such as loose snus, moist snuff, dip, spit or chewing tobacco (used every day or some days) among all ever users.

Numerator: Number of smokeless tobacco product users who currently use every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,804	95.23
1 = Yes	1,327	4.71
Missing	17	0.06
Total	28.362	100.00

This variable has 28,131 valid cases out of 28,148 total cases.

Missing values: See note about missing values for all indicators

---

UM_W3_A_slt_everysome_ESTD: Adult regular smokeless tobacco product user – every day or some days

Description: Current user of smokeless tobacco products such as loose snus, moist snuff, dip, spit or chewing tobacco (used every day or some days) among all regular users.

Numerator: Number of regular smokeless tobacco product users who currently use every day or some days

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,947	95.73
1 = Yes	1,183	4.20
Missing	18	0.06
Total	28,148	100.00

This variable has 28,130 valid cases out of 28,148 total cases.

UM_W3_A_slt_30day: In the past 30 days, number of days used smokeless tobacco products

Description: Number of days a respondent used smokeless tobacco products such as loose snus, moist snuff, dip, spit or chewing tobacco in the past 30 days.

Numerator: Respondents who have used smokeless tobacco products in the past 30 days

- Mean: 0.95
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 5.05
- Never used or did not use in the past 30 days: 26,941 (95.71%)
- Missing: 9 (0.03%)

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_ slt1_past30: Adult smokeless tobacco product user - used at least 1 day in the past 30 days

Description: Respondents who have used smokeless tobacco products such as loose snus, moist snuff, dip, spit or chewing tobacco at least 1 day in the past 30 days.

Numerator: Number of respondents who have used smokeless tobacco products at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	26,941	95.71
1 = Yes	1,198	4.26
Missing	9	0.03
Total	28,148	100.00

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_slt10_past30: Adult smokeless tobacco product user - used at least 10 days in the past 30 days

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Description: Respondents who have used smokeless tobacco products such as loose snus, moist snuff, dip, spit or chewing tobacco at least 10 days in the past 30 days.

Numerator: Number of respondents who have used smokeless tobacco products at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,195	96.61
1 = Yes	944	3.35
Missing	9	0.03
Total	28,148	100.00

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_slt25_past30: Adult smokeless tobacco product user - used at least 25 days in the past 30 days

Description: Respondents who have used smokeless tobacco products such as loose snus, moist snuff, dip, spit or chewing tobacco at least 25 days in the past 30 days.

Numerator: Number of respondents who have used smokeless tobacco products at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	27,357	97.19
1 = Yes	782	2.78
Missing	9	0.03
Total	28,148	100.00

This variable has 28,139 valid cases out of 28,148 total cases.

UM_W3_A_combust_everysome: Adult other combustible tobacco products user - every day or some days

Description: Respondents who reported using traditional cigars, cigarillos, filtered cigars, pipes or hookahs every day or some days.

Numerator: Number of respondents who currently use traditional cigars, cigarillos, filtered cigars, pipes, or hookahs every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	24,484	86.98
1 = Yes	3,661	13.01
Missing	3	0.01

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_sltgroup_everysome: Adult multiple smokeless tobacco products user - every day or some days

Description: Respondents who reported using snus pouches or other smokeless tobacco products every day or some days.

Numerator: Number of respondents who currently use snus pouches or other smokeless tobacco products every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	26,730	94.96
1 = Yes	1,415	5.03
Missing	3	0.01
Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_combust_everysome_ESTD: Adult regular other combustible tobacco products user - every day or some days

Description: Regular users who reported using traditional cigars, cigarillos, filtered cigars, pipes or hookahs every day or some days.

Numerator: Number of regular users who currently use traditional cigars, cigarillos, filtered cigars, pipes, or hookahs every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	26,225	93.17
1 = Yes	1,921	6.82
Missing	2	0.01
Total	28,148	100.00

*This variable has 28,146 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_sltgroup_everysome_ESTD: Adult regular multiple smokeless tobacco products user - every day or some days

Description: Regular users who reported using snus pouches or other smokeless tobacco products every day or some days.

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Numerator: Number of regular users who currently use snus pouches or other smokeless tobacco products every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	26,885	95.51
1 = Yes	1,260	4.48
Missing	3	0.01
Total	32,320	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_combust1_past30: Adult other combustible tobacco products user – used at least 1 day in the past 30 days

Description: Respondents who reported using traditional cigars, cigarillos, filtered cigars, pipes or hookahs at least 1 day in the past 30 days.

Numerator: Number of respondents who used traditional cigars, cigarillos, filtered cigars, pipes, or hookahs at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	25,516	90.65
1 = Yes	2,629	9.34
Missing	3	0.01
Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_sltgroup1_past30: Adult multiple smokeless tobacco products user – used at least 1 day in the past 30 days

Description: Respondents who reported using snus pouches or other smokeless tobacco products at least 1 day in the past 30 days.

Numerator: Number of respondents who used snus pouches or other smokeless tobacco products at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	26,864	95.44
1 = Yes	1,281	4.55
Missing	3	0.01
Total	28,148	100.00

[1]Those responses that are "not valid" are described for each indicator under "missing values"

UM_W3_A_combust10_past30: Adult other combustible tobacco products user – used at least 10 days in the past 30 days

Description: Respondents who reported using traditional cigars, cigarillos, filtered cigars, pipes or hookahs at least 10 days in the past 30 days.

Numerator: Number of respondents who used traditional cigars, cigarillos, filtered cigars, pipes, or hookahs at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	27,358	97.19
1 = Yes	787	2.80
Missing	3	0.01
Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_sltgroup10_past30: Adult multiple smokeless tobacco products user – used at least 10 days in the past 30 days

Description: Respondents who reported using snus pouches or other smokeless tobacco products at least 10 days in the past 30 days.

Numerator: Number of respondents who used snus pouches or other smokeless tobacco products at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	27,148	96.45
1 = Yes	997	3.54
Missing	3	0.01
Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_combust25_past30: Adult other combustible tobacco products user – used at least 25 days in the past 30 days

Description: Respondents who reported using traditional cigars, cigarillos, filtered cigars, pipes or hookahs at least 25 days in the past 30 days.

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Numerator: Number of respondents who used traditional cigars, cigarillos, filtered cigars, pipes, or hookahs at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	27,623	98.13
1 = Yes	522	1.85
Missing	3	0.01
Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

UM_W3_A_sltgroup25_past30: Adult multiple smokeless tobacco products user – used at least 25 days in the past 30 days

Description: Respondents who reported using snus pouches or other smokeless tobacco products at least 25 days in the past 30 days.

Numerator: Number of respondents who used snus pouches or other smokeless tobacco products at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No*	27,332	97.10
1 = Yes	813	2.89
Missing	3	0.01
Total	28,148	100.00

*This variable has 28,145 valid cases out of 28,148 total cases. * Including people with missing values in zero category as long as they responded 'NO' to at least one product.*

1.5. Population patterns of single, dual and poly-use

UM_W3_A_pop_poly_everysome: Adult tobacco product user - every day or some days

Description: Population patterns of single, dual and poly-use among established cigarette users and users of e-products, other combustible tobacco products and multiple smokeless tobacco products who currently use every day or some days.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = Never user*	15,693	55.75
1 = Cigarettes only user	6,089	21.63
2 = E-products only user	726	2.58

[1]Those responses that are "not valid" are described for each indicator under "missing values"

3 = Other combustibles (OC) only user	1,416	5.03
4 = Smokeless (SLT) only user	675	2.40
5 = Cigarettes and e-products user	904	3.21
6 = Cigarettes and OC user	1,049	3.73
7 = Cigarettes and SLT user	233	0.83
8 = E-products and OC user	366	1.30
9 = E-products and SLT user	35	0.12
10 = OC and SLT user	128	0.45
11 = Cigarettes, e-products and OC user	416	1.48
12 = Cigarettes, e-products and SLT user	71	0.25
13 = Cigarettes, OC and SLT user	121	0.43
14 = E-products, OC and SLT user	42	0.15
15 = Cigarettes, e-products, OC and SLT user	106	0.38
Missing	78	0.28
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases. * Never established cigarette users and never users of other tobacco products.*

UM_W3_A_pop_poly_everysome_ESTD: Adult regular tobacco product user - every day or some days

Description: Population patterns of single, dual and poly-use among established cigarette users and regular users of e-products, other combustible tobacco products and multiple smokeless tobacco products who currently use every day or some days.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = Never regular user	16,743	59.48
1 = Cigarettes only user	6,994	24.85
2 = E-products only user	635	2.26
3 = Other combustibles (OC) only user	767	2.72
4 = Smokeless (SLT) only user	707	2.51
5 = Cigarettes and e-products user	712	2.53
6 = Cigarettes and OC user	684	2.43
7 = Cigarettes and SLT user	281	1.00
8 = E-products and OC user	116	0.41
9 = E-products and SLT user	29	0.10
10 = OC and SLT user	72	0.26
11 = Cigarettes, e-products and OC user	163	0.58
12 = Cigarettes, e-products and SLT user	60	0.21
13 = Cigarettes, OC and SLT user	55	0.20
14 = E-products, OC and SLT user	14	0.05
15 = Cigarettes, e-products, OC and SLT user	39	0.14
Missing	77	0.27
Total	28,148	100.00

[1]Those responses that are "not valid" are described for each indicator under "missing values"

This variable has 28,071 valid cases out of 28,148 total cases.

UM_W3_A_pop_poly_1_past30: Adult tobacco product user – used at least 1 day in the past 30 days

Description: Population patterns of single, dual and poly-use among established cigarette users and users of e-products, other combustible tobacco products and multiple smokeless tobacco products who used at least 1 day in the past 30 days.

Numerator: Number of respondents who used [VALUE] at least 1 day in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = Never user*	16,264	57.78
1 = Cigarettes only user	6,522	23.17
2 = E-products only user	747	2.65
3 = Other combustibles (OC) only user	1,052	3.74
4 = Smokeless (SLT) only user	718	2.55
5 = Cigarettes and e-products user	827	2.94
6 = Cigarettes and OC user	857	3.04
7 = Cigarettes and SLT user	243	0.86
8 = E-products and OC user	225	0.80
9 = E-products and SLT user	38	0.14
10 = OC and SLT user	70	0.25
11 = Cigarettes, e-products and OC user	257	0.91
12 = Cigarettes, e-products and SLT user	57	0.20
13 = Cigarettes, OC and SLT user	66	0.23
14 = E-products, OC and SLT user	29	0.10
15 = Cigarettes, e-products, OC and SLT user	54	0.19
Missing	122	0.43
Total	28,148	100.00

*This variable has 28,019 valid cases out of 28,148 total cases. * Never established cigarette users and never users of other tobacco products.*

UM_W3_A_pop_poly_10_past30: Adult tobacco product user – used at least 10 days in the past 30 days

Description: Population patterns of single, dual and poly-use among established cigarette users and users of e-products, other combustible tobacco products and multiple smokeless tobacco products who used at least 10 days in the past 30 days.

Numerator: Number of respondents who used [VALUE] at least 10 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = Never user*	18,070	64.20

[1]Those responses that are "not valid" are described for each indicator under "missing values"

1 = Cigarettes only user	7,072	25.12
2 = E-products only user	717	2.55
3 = Other combustibles (OC) only user	338	1.20
4 = Smokeless (SLT) only user	736	2.61
5 = Cigarettes and e-products user	442	1.57
6 = Cigarettes and OC user	318	1.13
7 = Cigarettes and SLT user	157	0.56
8 = E-products and OC user	38	0.14
9 = E-products and SLT user	29	0.10
10 = OC and SLT user	22	0.08
11 = Cigarettes, e-products and OC user	38	0.14
12 = Cigarettes, e-products and SLT user	26	0.09
13 = Cigarettes, OC and SLT user	12	0.04
14 = E-products, OC and SLT user	2	0.01
15 = Cigarettes, e-products, OC and SLT user	9	0.03
Missing	122	0.43
Total	28,148	100.00

*This variable has 28,019 valid cases out of 28,148 total cases. * Never established cigarette user and never user of other tobacco products.*

UM_W3_A_pop_poly_25_past30: Adult tobacco product user – used at least 25 days in the past 30 days

Description: Population patterns of single, dual and poly-use among established cigarette users and users of e-products, other combustible tobacco products and multiple smokeless tobacco products who used at least 25 days in the past 30 days.

Numerator: Number of respondents who used [VALUE] at least 25 days in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = Never user*	19,055	67.70
1 = Cigarettes only user	6,780	24.09
2 = E-products only user	660	2.34
3 = Other combustibles (OC) only user	249	0.88
4 = Smokeless (SLT) only user	686	2.44
5 = Cigarettes and e-products user	227	0.81
6 = Cigarettes and OC user	207	0.74
7 = Cigarettes and SLT user	82	0.29
8 = E-products and OC user	26	0.09
9 = E-products and SLT user	19	0.07
10 = OC and SLT user	8	0.03
11 = Cigarettes, e-products and OC user	10	0.04
12 = Cigarettes, e-products and SLT user	2	0.01
13 = Cigarettes, OC and SLT user	7	0.02
14 = E-products, OC and SLT user	2	0.01

[1]Those responses that are "not valid" are described for each indicator under "missing values"

15 = Cigarettes, e-products, OC and SLT user	6	0.02
Missing	122	0.43
Total	28,148	100.00

*This variable has 28,019 valid cases out of 28,148 total cases. * Never established cigarette users and never users of other tobacco products.*

1.6. States for transition analysis based on current use

UM_W3_A_states_everysome: Adult tobacco product user - every day or some days

Description: States for transition analysis of single, dual and poly-use among established cigarette users and users of e-products, other combustible tobacco products and multiple smokeless tobacco products who currently use every day or some days.

Numerator: Number of respondents who use [VALUE] every day or some days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = Never user*	6,025	21.41
1 = Former user of any product	9,668	34.35
2 = Cigarettes only user	6,089	21.63
3 = E-products only user	726	2.58
4 = Other combustibles (OC) only user	1,416	5.03
5 = Smokeless (SLT) only user	675	2.40
6 = Cigarettes and e-products user	904	3.21
7 = Cigarettes and OC user	1,049	3.73
8 = Cigarettes and SLT user	233	0.83
9 = Poly user with cigarettes (cigs, e-cigs and OC; cigs, e-cigs and SLT; cigs, OC and SLT or cigs, e-cigs, OC and SLT)	714	2.54
10 = Other dual/poly-user without cigarettes (e-cigs and OC; e-cigs and SLT; OC and SLT; e-cigs, OC and SLT)	571	2.03
Missing	78	0.28
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases. * Never established cigarette users and never users of other tobacco products.*

UM_W3_A_states_everysome_ESTD: Adult regular tobacco product user - every day or some days

Description: States for transition analysis of single, dual and poly-use among established cigarette users and regular users of e-products, other combustible tobacco products and multiple smokeless tobacco products who currently use every day or some days.

Numerator: Number of respondents who use [VALUE] every day or some days

Denominator: Total number of respondents[1]

[1]Those responses that are "not valid" are described for each indicator under "missing values"

Value	Unweighted frequency	%
0 = Never regular user	11,262	40.01
1 = Former user of any product	5,481	19.47
2 = Cigarettes only user	6,994	24.85
3 = E-products only user	635	2.26
4 = Other combustibles (OC) only user	767	2.73
5 = Smokeless (SLT) only user	707	2.51
6 = Cigarettes and e-products user	712	2.53
7 = Cigarettes and OC user	684	2.43
8 = Cigarettes and SLT user	281	1.00
9 = Poly user with cigarettes (cigs, e-cigs and OC; cigs, e-cigs and SLT; cigs, OC and SLT or cigs, e-cigs, OC and SLT)	317	1.13
10 = Other dual/poly-user without cigarettes (e-cigs and OC; e-cigs and SLT; OC and SLT; e-cigs, OC and SLT)	231	0.82
Missing	77	0.27
Total	28,148	100.00

This variable has 28,071 valid cases out of 28,148 total cases.

UM_W3_A_TDS: Adult tobacco dependence score

Description: Standardized wave 3 adult dependence score based on 16 items.

Numerator: People who are current established users for at least one tobacco product (cigarettes, e-cigarettes, cigars, hookah, smokeless tobacco or snus).

Denominator: Total number of respondents[1]

- Mean: 0
- Minimum: -1.398
- 1st quantile: -0.904
- Median: -0.030
- 3rd quantile: 0.764
- Maximum: 2.099
- Standard deviation: 1
- Missing: 18,609

This variable has 9,539 valid cases out of 28,148 total cases.

[1]Those responses that are "not valid" are described for each indicator under "missing values"