

1. Tobacco Use Variables for PATH Adult Data (Wave 4)

This dictionary includes variables of cigarettes and e-cigarettes (e-products) use that can be used for empirical and Markov transition analyses.

Note about missing values for all indicators: In PATH, many of the questions depend on the ability to classify individuals by tobacco product use status, any respondents who are unable (“Don’t Know”) or unwilling (“Refused”) to provide an answer or requested their data to be removed should be excluded from the calculation of the indicators below.

UMp1_W4_A_NVR_CIGS: Adults never smoker

Description: Adults who have never smoked cigarettes (even one or two puffs) in their entire lifetimes.

Numerator: Number of respondents who have never smoked cigarettes in their lifetimes

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
0 = No	24,192	71.53
1 = Yes	9,615	28.43
Missing	15	0.04
Total	33,822	100.00

This variable has 33,807 valid cases out of 33,822 total cases.

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

UMp1_W4_A_100cigs: Established cigarette smoker

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

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

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
0 = No	17,695	52.32
1 = Yes	16,062	47.49
Missing	65	0.19
Total	33,822	100.00

This variable has 33,753 valid cases out of 33,822 total cases.

Missing values: See note about missing values for all indicators

UMp1_W4_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

¹Those responses that are “not valid” are described for each indicator under “missing values”

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

Denominator: Total number of respondents¹

- Mean: 8.05
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 12.82
- Never smoked or did not smoke in the past 30 days: 23,034
- Missing: 25

This variable has 33,798 valid cases out of 33,822 total cases

UMp1_W4_A_smkstat_1past30: Adult cigarette smoking status – smoked at least 1 day in the past 30 days

Description: Current use status (smoked cigarettes on at least 1 day in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64
3 = User who smoked under 1 day in the past 30 days	0	0.00
4 = User who smoked 1 or more days in the past 30 days	10,763	31.82
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_5past30: Adult cigarette smoking status – smoked at least 5 days in the past 30 days

Description: Current use status (smoked cigarettes at least 5 days in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64
3 = User who smoked under 5 days in the past 30 days	907	2.68

¹Those responses that are “not valid” are described for each indicator under “missing values”

4 = User who smoked 5 or more days in the past 30 days	9,856	29.14
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_10past30: Adult cigarette smoking status – smoked at least 10 days in the past 30 days

Description: Current use status (smoked cigarettes at least 10 days in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64
3 = User who smoked under 10 days in the past 30 days	1,474	4.36
4 = User who smoked 10 or more days in the past 30 days	9,289	27.46
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_15past30: Adult cigarette smoking status – smoked at least 15 days in the past 30 days

Description: Current use status (smoked cigarettes at least 15 days in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64
3 = User who smoked under 15 days in the past 30 days	1,795	5.31
4 = User who smoked 15 or more days in the past 30 days	8,968	26.51
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_20past30: Adult cigarette smoking status – smoked at least 20 days in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (smoked cigarettes at least 20 days in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64
3 = User who smoked under 20 days in the past 30 days	2,148	6.35
4 = User who smoked 20 or more days in the past 30 days	8,615	25.47
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_25past30: Adult cigarette smoking status – smoked at least 25 days in the past 30 days

Description: Current use status (smoked cigarettes at least 25 days in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64
3 = User who smoked under 25 days in the past 30 days	2,501	7.39
4 = User who smoked 25 or more days in the past 30 days	8,262	24.43
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_30past30: Adult cigarette smoking status – smoked at least 30 days in the past 30 days

Description: Current use status (smoked cigarettes at least 30 days in the past 30 days) among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who did not smoke in the past 30 days	13,406	39.64

¹Those responses that are “not valid” are described for each indicator under “missing values”

3 = User who smoked under 30 days in the past 30 days	2,701	7.98
4 = User who smoked 30 days in the past 30 days	8,062	23.84
Missing	38	0.11
Total	33,822	100.00

This variable has 33,784 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_1past30: Adult cigarette smoking status – smoked at least 1 day in the past 30 days

Description: Current use status (smoked cigarettes on at least 1 day in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 1 day in the past 30 days	0	0.00
4 = Established user who smoked 1 or more days in the past 30 days	9,819	29.03
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_5past30: Adult cigarette smoking status – smoked at least 5 days in the past 30 days

Description: Current use status (smoked cigarettes on at least 5 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 5 days in the past 30 days	561	1.66
4 = Established user who smoked 5 or more days in the past 30 days	9,258	27.37
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

¹Those responses that are “not valid” are described for each indicator under “missing values”

UMp1_W4_A_smkstat_Reg_10past30: Adult cigarette smoking status – smoked at least 10 days in the past 30 days

Description: Current use status (smoked cigarettes on at least 10 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 10 days in the past 30 days	975	2.88
4 = Established user who smoked 10 or more days in the past 30 days	8,844	26.15
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_15past30: Adult cigarette smoking status – smoked at least 15 days in the past 30 days

Description: Current use status (smoked cigarettes on at least 15 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 15 days in the past 30 days	1,240	3.67
4 = Established user who smoked 15 or more days in the past 30 days	8,579	25.36
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_20past30: Adult cigarette smoking status – smoked at least 20 days in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (smoked cigarettes on at least 20 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 20 days in the past 30 days	1,554	4.59
4 = Established user who smoked 20 or more days in the past 30 days	8,265	24.44
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_25past30: Adult cigarette smoking status – smoked at least 25 days in the past 30 days

Description: Current use status (smoked cigarettes on at least 25 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 25 days in the past 30 days	1,883	5.57
4 = Established user who smoked 25 or more days in the past 30 days	7,936	23.46
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_30past30: Adult cigarette smoking status – smoked every day in the past 30 days

Description: Current use status (smoked cigarettes every day in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

¹Those responses that are “not valid” are described for each indicator under “missing values”

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who did not smoke in the past 30 days	6,231	18.42
3 = Established user who smoked under 30 days in the past 30 days	2,075	61.35
4 = Established user who smoked 30 days in the past 30 days	7,744	22.90
Missing	77	0.23
Total	33,821	100.00

This variable has 33,745 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_1past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 1 day in the past 30 days

Description: Current use status (smoked cigarettes at least 1 day in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42
4 = Experimental user who smoked under 1 day in the past 30 days	0	0.00
5 = Established user who smoked under 1 day in the past 30 days	0	0.00
6 = Experimental user who smoked 1 or more days in the past 30 days	933	2.76
7 = Established user who smoked 1 or more days in the past 30 days	9,819	29.03
Missing	79	0.23
Total	33,822	100.00

This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_5past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 5 days in the past 30 days

Description: Current use status (smoked cigarettes at least 5 days in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

¹Those responses that are “not valid” are described for each indicator under “missing values”

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42
4 = Experimental user who smoked under 5 days in the past 30 days	344	1.02
5 = Established user who smoked under 5 days in the past 30 days	561	1.66
6 = Experimental user who smoked 5 or more days in the past 30 days	589	1.74
7 = Established user who smoked 5 or more days in the past 30 days	9,258	27.38
Missing	79	0.23
Total	33,822	100.00

This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_10past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 10 days in the past 30 days

Description: Current use status (smoked cigarettes at least 10 days in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42
4 = Experimental user who smoked under 10 days in the past 30 days	496	1.47
5 = Established user who smoked under 10 days in the past 30 days	975	2.88
6 = Experimental user who smoked 10 or more days in the past 30 days	437	1.29
7 = Established user who smoked 10 or more days in the past 30 days	8,844	26.15
Missing	79	0.23
Total	33,822	100.00

This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_15past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 15 days in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (smoked cigarettes at least 15 days in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42
4 = Experimental user who smoked under 15 days in the past 30 days	552	1.63
5 = Established user who smoked under 15 days in the past 30 days	1,240	3.67
6 = Experimental user who smoked 15 or more days in the past 30 days	381	1.13
7 = Established user who smoked 15 or more days in the past 30 days	8,579	25.36
Missing	79	0.23
Total	33,822	100.00

This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_20past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 20 days in the past 30 days

Description: Current use status (smoked cigarettes at least 20 days in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42
4 = Experimental user who smoked under 20 days in the past 30 days	591	1.75
5 = Established user who smoked under 20 days in the past 30 days	1,554	4.59
6 = Experimental user who smoked 20 or more days in the past 30 days	342	1.01
7 = Established user who smoked 20 or more days in the past 30 days	8,265	24.44
Missing	79	0.23

¹Those responses that are “not valid” are described for each indicator under “missing values”

Total	33,822	100.00
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This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_25past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 25 days in the past 30 days

Description: Current use status (smoked cigarettes at least 25 days in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42
4 = Experimental user who smoked under 25 days in the past 30 days	614	1.81
5 = Established user who smoked under 25 days in the past 30 days	1,883	5.57
6 = Experimental user who smoked 25 or more days in the past 30 days	319	0.94
7 = Established user who smoked 25 or more days in the past 30 days	7,936	23.46
Missing	79	0.23
Total	33,822	100.00

This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Exp_30past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 30 days in the past 30 days

Description: Current use status (smoked cigarettes at least 30 days in the past 30 days) among all respondents who are established (smoked ≥ 100 cigarettes in their lifetimes) and experimental smokers (have not smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current experimental user	7,145	21.13
3 = Non-current established user	6,231	18.42

¹Those responses that are “not valid” are described for each indicator under “missing values”

4 = Experimental user who smoked under 30 days in the past 30 days	622	1.84
5 = Established user who smoked under 30 days in the past 30 days	2,075	6.13
6 = Experimental user who smoked 30 days in the past 30 days	311	0.92
7 = Established user who smoked 30 days in the past 30 days	7,744	22.90
Missing	79	0.23
Total	33,822	100.00

This variable has 33,743 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_everysome: Adult cigarette smoking status – every day or some days

Description: Current use status (smoke cigarettes every day or some days) among all smokers (ever smoked cigarettes, even one or two puffs in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = User who now smokes “not at all”	13,215	39.07
3 = User who smokes some days	3,087	9.13
4 = User who smokes every day	7,880	23.30
Missing	25	0.07
Total	33,822	100.00

This variable has 33,797 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_everysome: Adult cigarette smoking status – every day or some days

Description: Current use status (smoke cigarettes every day or some days) among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established user who now smokes “not at all”	6,142	18.16
3 = Established user who smokes some days	2,333	6.90
4 = Established user who smokes every day	7,582	22.42
Missing	70	0.21
Total	33,822	100.00

This variable has 33,752 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_P30D: Adult Cigarette Smoking Status - Past 30-day use

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current cigarette use status among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	9,615	28.43
2 = Non-current user	12,133	35.87
3 = Current user	12,056	35.64
Missing	18	0.05
Total	33,822	100.00

This variable has 33,804 valid cases out of 33,822 total cases.

UMp1_W4_A_smkstat_Reg_P30D: Adult established cigarette-smoking status - Past 30-day use

Description: Current cigarette use status among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never established user	17,695	52.32
2 = Established non-current user	5,576	16.49
3 = Established current user	10,486	31.00
Missing	65	0.19
Total	33,822	100.00

This variable has 33,757 valid cases out of 33,822 total cases.

UMp1_W4_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 respondents¹

Value	Unweighted frequency	%
0 = No	7,389	21.85
1 = Yes	5,233	15.47
Missing	21,200	62.68
Total	33,822	100.00

This variable has 12,622 valid cases out of 33,822 total cases.

¹Those responses that are “not valid” are described for each indicator under “missing values”

2. E-products use variables for PATH Adult Data (Wave 4)

Note about missing values for all indicators: In PATH, many of the questions depend on the ability to classify individuals by tobacco product use status, any respondents who are unable (“Don’t Know”) or unwilling (“Refused”) to provide an answer or requested their data to be removed should be excluded from the calculation of the indicators below.

UMp1_W4_A_NVR_EPRODS: Adult never e-product user

Description: Respondents who have never used e-products in their lifetimes.

Numerator: Number of respondents who have never used e-products.

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
0 = No	16,043	47.43
1 = Yes	17,761	52.51
Missing	18	0.05
Total	33,822	100.00

This variable has 33,804 valid cases out of 33,822 total cases.

UMp1_W4_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 respondents¹

Value	Unweighted frequency	%
0 = No	28,357	83.84
1 = Yes	5,360	15.85
Missing	105	0.31
Total	33,822	100.00

This variable has 33,717 valid cases out of 33,822 total cases.

UMp1_W4_A_eprods_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 an e-product and have used e-products in the past 30 days

Denominator: Total number of respondents¹

- Mean: 1.35
- Median: 0.00

¹Those responses that are “not valid” are described for each indicator under “missing values”

- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 5.69
- Never used or did not use in the past 30 days: 30,790
- Missing: 487

This variable has 33,335 valid cases out of 33,821 total cases

UMp1_W4_A_eprodstat_1past30: Adult e-products use status – used at least 1 day in the past 30 days

Description: Current use status (used e-products at least 1 day in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84
3 = User who used under 1 day in the past 30 days	0	0.00
4 = User who used 1 or more days in the past 30 days	2,545	7.52
Missing	41	0.12
Total	33,822	100.00

This variable has 33,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_5past30: Adult e-products use status – used at least 5 days in the past 30 days

Description: Current use status (used e-products at least 5 days in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84
3 = User who used under 5 days in the past 30 days	701	2.07
4 = User who used 5 or more days in the past 30 days	1,844	5.45
Missing	41	0.12
Total	33,822	100.00

This variable has 33,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_10past30: Adult e-products use status – used at least 10 days in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (used e-products at least 10 days in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84
3 = User who used under 10 days in the past 30 days	1,036	3.06
4 = User who used 10 or more days in the past 30 days	1,509	4.46
Missing	41	0.12
Total	33,822	100.00

This variable has 37,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_15past30: Adult e-products use status – used at least 15 days in the past 30 days

Description: Current use status (used e-products at least 15 days in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84
3 = User who used under 15 days in the past 30 days	1,191	3.52
4 = User who used 15 or more days in the past 30 days	1,354	4.00
Missing	41	0.12
Total	33,822	100.00

This variable has 33,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_20past30: Adult e-products use status – used at least 20 days in the past 30 days

Description: Current use status (used e-products at least 20 days in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84

¹Those responses that are “not valid” are described for each indicator under “missing values”

3 = User who used under 20 days in the past 30 days	1,324	3.91
4 = User who used 20 or more days in the past 30 days	1,221	3.61
Missing	41	0.12
Total	33,822	100.00

This variable has 33,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_25past30: Adult e-products use status – used at least 25 days in the past 30 days

Description: Current use status (used e-products at least 25 days in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84
3 = User who used under 25 days in the past 30 days	1,428	4.22
4 = User who used 25 or more days in the past 30 days	1,117	3.30
Missing	41	0.12
Total	33,822	100.00

This variable has 33,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_30past30: Adult e-products use status – used at least 30 days in the past 30 days

Description: Current use status (used e-products at least 30 days in the past 30 days) among all respondents who were ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.13
2 = User who did not use in the past 30 days	13,475	39.84
3 = User who used under 30 days in the past 30 days	1,474	4.36
4 = User who used 30 days in the past 30 days	1,071	3.17
Missing	41	0.12
Total	33,822	100.00

This variable has 33,781 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Reg_1past30: Adult e-products use status – used at least 1 day in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (used e-products at least 1 day in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35
3 = Regular user who used under 1 day in the past 30 days	0	0.00
4 = Regular user who used 1 or more days in the past 30 days	1,853	5.48
Missing	110	0.32
Total	33,822	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_Reg_5past30: Adult e-products use status – used at least 5 days in the past 30 days

Description: Current use status (used e-products at least 5 days in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35
3 = Regular user who used under 5 days in the past 30 days	312	0.92
4 = Regular user who used 5 or more days in the past 30 days	1,541	4.56
Missing	110	0.32
Total	28,146	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_Reg_10past30: Adult e-products use status – used at least 10 days in the past 30 days

Description: Current use status (used e-products at least 10 days in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35

¹Those responses that are “not valid” are described for each indicator under “missing values”

3 = Regular user who used under 10 days in the past 30 days	505	1.49
4 = Regular user who used 10 or more days in the past 30 days	1,348	3.98
Missing	110	0.32
Total	28,146	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Reg_15past30: Adult e-products use status – used at least 15 days in the past 30 days

Description: Current use status (used e-products at least 15 days in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35
3 = Regular user who used under 15 days in the past 30 days	613	1.81
4 = Regular user who used 15 or more days in the past 30 days	1,240	3.67
Missing	110	0.32
Total	28,146	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Reg_20past30: Adult e-products use status – used at least 20 days in the past 30 days

Description: Current use status (used e-products at least 20 days in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35
3 = Regular user who used under 20 days in the past 30 days	723	2.14
4 = Regular user who used 20 or more days in the past 30 days	1,130	3.34
Missing	110	0.32
Total	28,146	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Reg_25past30: Adult e-products use status – used at least 25 days in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (used e-products at least 25 days in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35
3 = Regular user who used under 25 days in the past 30 days	811	2.40
4 = Regular user who used 25 or more days in the past 30 days	1,042	3.08
Missing	110	0.32
Total	28,146	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_Reg_30past30: Adult e-products use status – used every day in the past 30 days

Description: Current use status (used e-products every day in the past 30 days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user who did not use in the past 30 days	3,502	10.35
3 = Regular user who used under 30 days in the past 30 days	849	2.51
4 = Regular user who used 30 days in the past 30 days	1,004	2.97
Missing	110	0.32
Total	28,146	100.00

This variable has 33,712 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_Exp_1past30: Adult e-products use status (experimental and regular user) - used at least 1 day in the past 30 days

Description: Current use status (used e-products at least 1 day in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35

¹Those responses that are “not valid” are described for each indicator under “missing values”

4 = Experimental user who used under 1 day in the past 30 days	0	0.00
5 = Regular user who used under 1 day in the past 30 days	0	0.00
6 = Experimental user who used 1 or more days in the past 30 days	690	2.04
7 = Regular user who used 1 or more days in the past 30 days	1,853	5.48
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Exp_5past30: Adult e-products use status (experimental and regular user) - used at least 5 days in the past 30 days

Description: Current use status (used e-products at least 5 days in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35
4 = Experimental user who used under 5 days in the past 30 days	389	1.15
5 = Regular user who used under 5 days in the past 30 days	312	0.92
6 = Experimental user who used 5 or more days in the past 30 days	301	0.89
7 = Regular user who used 5 or more days in the past 30 days	1,541	4.56
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Exp_10past30: Adult e-products use status (experimental and regular user) - used at least 10 days in the past 30 days

Description: Current use status (used e-products at least 10 days in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35
4 = Experimental user who used under 10 days in the past 30 days	531	1.57
5 = Regular user who used under 10 days in the past 30 days	505	1.49

¹Those responses that are “not valid” are described for each indicator under “missing values”

6 = Experimental user who used 10 or more days in the past 30 days	159	0.47
7 = Regular user who used 10 or more days in the past 30 days	1,348	3.98
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Exp_15past30: Adult e-products use status (experimental and regular user) - used at least 15 days in the past 30 days

Description: Current use status (used e-products at least 15 days in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35
4 = Experimental user who used under 15 days in the past 30 days	578	1.71
5 = Regular user who used under 15 days in the past 30 days	613	1.81
6 = Experimental user who used 15 or more days in the past 30 days	112	0.33
7 = Regular user who used 15 or more days in the past 30 days	1,240	3.67
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Exp_20past30: Adult e-products use status (experimental and regular user) - used at least 20 days in the past 30 days

Description: Current use status (used e-products at least 20 days in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35
4 = Experimental user who used under 20 days in the past 30 days	601	1.78

¹Those responses that are “not valid” are described for each indicator under “missing values”

5 = Regular user who used under 20 days in the past 30 days	723	2.14
6 = Experimental user who used 20 or more days in the past 30 days	89	0.26
7 = Regular user who used 20 or more days in the past 30 days	1,130	3.34
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Exp_25past30: Adult e-products use status (experimental and regular user) - used at least 25 days in the past 30 days

Description: Current use status (used e-products at least 25 days in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35
4 = Experimental user who used under 25 days in the past 30 days	617	1.82
5 = Regular user who used under 25 days in the past 30 days	811	2.40
6 = Experimental user who used 25 or more days in the past 30 days	73	0.21
7 = Regular user who used 25 or more days in the past 30 days	1,042	3.08
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Exp_30past30: Adult e-products use status (experimental and regular user) - used at least 30 days in the past 30 days

Description: Current use status (used e-products at least 30 days in the past 30 days) among all respondents who are regular and experimental users (have/have not used fairly regularly).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current experimental user	9,892	29.25
3 = Non-current regular user	3,502	10.35
4 = Experimental user who used under 30 days in the past 30 days	625	1.85

¹Those responses that are “not valid” are described for each indicator under “missing values”

5 = Regular user who used under 30 days in the past 30 days	849	2.51
6 = Experimental user who used 30 days in the past 30 days	65	0.19
7 = Regular user who used 30 days in the past 30 days	1,004	2.97
Missing	124	0.37
Total	33,822	100.00

This variable has 33,698 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_everysome: Adult e-products use status – every day or some days

Description: Current use status (used e-products every day or some days) among all respondents who are e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = User that now uses “not at all”	13,046	38.57
3 = User that uses some days	1,985	5.87
4 = User that uses every day	999	2.95
Missing	31	0.09
Total	33,822	100.00

This variable has 33,791 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_Reg_everysome: Adult e-products use status – every day or some days

Description: Current use status (used e-products every day or some days) among all respondents who were ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular user that now uses “not at all”	3,359	9.93
3 = Regular user that uses some days	1,055	3.12
4 = Regular user that uses every day	944	2.79
Missing	107	0.32
Total	33,822	100.00

This variable has 33,715 valid cases out of 33,822 total cases.

UMp1_W4_A_eprodstat_P30D: Adult e-products use status - Past 30-day use

Description: Current use status (used e-products in the past 30 days) among all respondents who are e-product users.

¹Those responses that are “not valid” are described for each indicator under “missing values”

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	17,761	52.51
2 = Non-current user	11,945	35.32
3 = Current user	4,082	12.07
Missing	34	0.10
Total	33,822	100.00

This variable has 33,788 valid cases out of 33,822 total cases.

UMp1_W4_A_eprostat_Reg_P30D: Adult regular e-products use status - Past 30-day use

Description: Current use status (used e-products in the past 30 days) among all respondents who are ever regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	28,357	83.84
2 = Regular non-current user	3,011	8.90
3 = Regular current user	2,347	6.94
Missing	107	0.32
Total	33,822	100.00

This variable has 33,715 valid cases out of 33,822 total cases.

UMp1_W4_A_eprod_AnyFlvr: Regular / last brand of e-products used was flavored

Description: Indicator for respondents whose regular / last brand of e-products used was flavored to taste like menthol, mint, clove, spice, candy, fruit, chocolate, alcohol, or other sweets.

Numerator: Number of current and former regular e-product users whose regular / last brand of e-products was flavored.

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Yes	5,066	14.98
Missing	28,756	85.02
Total	33,822	100.00

This variable has 5,066 valid cases out of 33,822 total cases.

UMp1_W4_A_eprod_Menthol: Regular / last brand of e-products used was flavored to taste like menthol

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Indicator for respondents whose regular / last brand of e-products used was flavored to taste like menthol or mint.

Numerator: Number of current and former regular e-product users whose regular / last brand of e-products was menthol or mint flavored

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
0 = No	4,001	11.83
1 = Yes	1,065	3.15
Missing	28,756	85.02
Total	33,822	100.00

This variable has 5,066 valid cases out of 33,822 total cases.

3. Cigarette and E-products Dual Use Variables for PATH Adult Data (Wave 4)

Note about missing values for all indicators: In PATH, many of the questions depend on the ability to classify individuals by tobacco product use status, any respondents who are unable (“Don’t Know”) or unwilling (“Refused”) to provide an answer or requested their data to be removed should be excluded from the calculation of the indicators below.

UMp1_W4_A_MultiUse_1past30: Adult cigarette and e-products use status – used at least 1 day in the past 30 days

Description: Current use status (used cigarettes/e-products at least 1 day in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 1 day in the past 30 days	0	0.00
4 = Exclusive e-product user under 1 day in the past 30 days	0	0.00
5 = Exclusive cigarette user for 1 or more days in the past 30 days	9,282	27.44
6 = Exclusive e-product user for 1 or more days in the past 30 days	1,078	3.19
7 = Cigarette user under 1 day and e-product user under 1 day in the past 30 days	0	0.00
8 = Cigarette user under 1 day and e-product user for 1 or more days in the past 30 days	0	0.00
9 = Cigarette user for 1 or more days and e-product user under 1 day in the past 30 days	0	0.00

¹Those responses that are “not valid” are described for each indicator under “missing values”

10 = Cigarette user for 1 or more days and e-product user for 1 or more days in the past 30 days	1,467	4.34
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_5past30: Adult cigarette and e-products use status – used at least 5 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 5 days in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 1 day in the past 30 days	718	2.12
4 = Exclusive e-product user under 5 days in the past 30 days	229	0.68
5 = Exclusive cigarette user for 5 or more days in the past 30 days	8,564	25.32
6 = Exclusive e-product user for 5 or more days in the past 30 days	849	2.51
7 = Cigarette user under 5 days and e-product user under 5 days in the past 30 days	64	0.19
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	123	0.37
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	408	1.21
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	872	2.58
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_10past30: Adult cigarette and e-products use status – used at least 10 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 10 days in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
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¹Those responses that are “not valid” are described for each indicator under “missing values”

1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 10 days in the past 30 days	1,164	3.44
4 = Exclusive e-product user under 10 days in the past 30 days	324	0.96
5 = Exclusive cigarette user for 10 or more days in the past 30 days	8,118	24.00
6 = Exclusive e-product user for 10 or more days in the past 30 days	754	2.23
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	148	0.44
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	160	0.47
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	564	1.67
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	595	1.76
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_15past30: Adult cigarette and e-products use status – used at least 15 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 15 days in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 15 days in the past 30 days	1,410	4.17
4 = Exclusive e-product user under 15 days in the past 30 days	371	1.10
5 = Exclusive cigarette user for 15 or more days in the past 30 days	7,872	23.27
6 = Exclusive e-product user for 15 or more days in the past 30 days	707	2.09
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	193	0.57
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	189	0.56
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	627	1.85
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	458	1.35
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

¹Those responses that are “not valid” are described for each indicator under “missing values”

UMp1_W4_A_MultiUse_20past30: Adult cigarette and e-products use status – used at least 20 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 20 days in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 20 days in the past 30 days	1,679	4.96
4 = Exclusive e-product user under 20 days in the past 30 days	417	1.23
5 = Exclusive cigarette user for 20 or more days in the past 30 days	7,603	22.48
6 = Exclusive e-product user for 20 or more days in the past 30 days	661	1.95
7 = Cigarette user under 20 days and e-product user under 20 days in the past 30 days	241	0.71
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	225	0.66
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	666	1.97
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	335	0.99
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_25past30: Adult cigarette and e-products use status – used at least 25 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 25 days in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 25 days in the past 30 days	1,980	5.85
4 = Exclusive e-product user under 25 days in the past 30 days	466	1.38
5 = Exclusive cigarette user for 25 or more days in the past 30 days	7,302	21.59
6 = Exclusive e-product user for 25 or more days in the past 30 days	612	1.81

¹Those responses that are “not valid” are described for each indicator under “missing values”

7 = Cigarette user under 25 days and e-product user under 25 days in the past 30 days	279	0.82
8 = Cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	238	0.70
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	683	2.02
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	267	0.79
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_30past30: Adult cigarette and e-products use status – used at least 30 days in the past 30 days

Description: Current use status (used cigarettes/e-products 30 days in the past 30 days) among all respondents who have smoked cigarettes/used e-products in their lifetimes.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	14,015	41.44
3 = Exclusive cigarette user under 30 days in the past 30 days	2,144	6.33
4 = Exclusive e-product user under 30 days in the past 30 days	486	1.44
5 = Exclusive cigarette user for 30 days in the past 30 days	7,138	21.10
6 = Exclusive e-product user for 30 days in the past 30 days	592	1.75
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	308	0.91
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	244	0.72
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	680	2.01
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	235	0.69
Missing	74	0.22
Total	33,822	100.00

This variable has 33,748 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegC_1past30: Adult cigarette and e-products use status – used at least 1 day in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (used cigarettes/e-products at least 1 day in the past 30 days) among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 1 day in the past 30 days	0	0.00
4 = Exclusive e-product user under 1 day in the past 30 days	0	0.00
5 = Exclusive established cigarette user for 1 or more days in the past 30 days	8,510	25.16
6 = Exclusive e-product user for 1 or more days in the past 30 days	1,245	3.68
7 = Established cigarette user under 1 day and e-product user under 1 day in the past 30 days	0	0.00
8 = Established cigarette user under 1 day and e-product user for 1 or more days in the past 30 days	0	0.00
9 = Established cigarette user for 1 or more days and e-product user under 1 day in the past 30 days	0	0.00
10 = Established cigarette user for 1 or more days and e-product user for 1 or more days in the past 30 days	1,298	3.83
Missing	112	0.33
Total	33,822	100.00

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegC_5past30: Adult cigarette and e-products use status – used at least 5 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 5 days in the past 30 days) among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 5 days in the past 30 days	444	1.31
4 = Exclusive e-product user under 5 days in the past 30 days	289	0.85

¹Those responses that are “not valid” are described for each indicator under “missing values”

5 = Exclusive established cigarette user for 5 or more days in the past 30 days	8,066	23.85
6 = Exclusive e-product user for 5 or more days in the past 30 days	956	2.83
7 = Established cigarette user under 5 days and e-product user under 5 days in the past 30 days	34	0.10
8 = Established cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	82	0.24
9 = Established cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	378	1.12
10 = Established cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	804	2.38
Missing	112	0.33
Total	33,822	100.00

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegC_10past30: Adult cigarette and e-products use status – used at least 10 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 10 days in the past 30 days) among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 10 days in the past 30 days	775	2.29
4 = Exclusive e-product user under 10 days in the past 30 days	417	1.23
5 = Exclusive established cigarette user for 10 or more days in the past 30 days	7,735	22.87
6 = Exclusive e-product user for 10 or more days in the past 30 days	828	2.45
7 = Established cigarette user under 10 days and e-product user under 10 days in the past 30 days	78	0.23
8 = Established cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	121	0.36
9 = Established cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	541	1.60
10 = Established cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	558	1.65
Missing	112	0.33
Total	33,822	100.00

¹Those responses that are “not valid” are described for each indicator under “missing values”

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegC_15past30: Adult cigarette and e-products use status – used at least 15 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 15 days in the past 30 days) among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 15 days in the past 30 days	977	2.89
4 = Exclusive e-product user under 15 days in the past 30 days	471	1.39
5 = Exclusive established cigarette user for 15 or more days in the past 30 days	7,533	22.27
6 = Exclusive e-product user for 15 or more days in the past 30 days	774	2.29
7 = Established cigarette user under 15 days and e-product user under 15 days in the past 30 days	116	0.34
8 = Established cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	145	0.43
9 = Established cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	604	1.78
10 = Established cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	433	1.78
Missing	112	0.33
Total	33,822	100.00

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegC_20past30: Adult cigarette and e-products use status – used at least 20 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 20 days in the past 30 days) among all respondents who are established smokers (smoked ≥ 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

¹Those responses that are “not valid” are described for each indicator under “missing values”

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 20 days in the past 30 days	1,213	3.58
4 = Exclusive e-product user under 20 days in the past 30 days	526	1.55
5 = Exclusive established cigarette user for 20 or more days in the past 30 days	7,297	21.57
6 = Exclusive e-product user for 20 or more days in the past 30 days	719	2.12
7 = Established cigarette user under 20 days and e-product user under 20 days in the past 30 days	153	0.45
8 = Established cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	186	0.55
9 = Established cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	645	1.91
10 = Established cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	314	0.93
Missing	112	0.33
Total	33,822	100.00

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegC_25past30: Adult cigarette and e-products use status – used at least 25 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 25 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 25 days in the past 30 days	1,491	4.41
4 = Exclusive e-product user under 25 days in the past 30 days	579	1.71
5 = Exclusive established cigarette user for 25 or more days in the past 30 days	7,019	20.75
6 = Exclusive e-product user for 25 or more days in the past 30 days	666	1.97
7 = Established cigarette user under 25 days and e-product user under 25 days in the past 30 days	186	0.55

¹Those responses that are “not valid” are described for each indicator under “missing values”

8 = Established cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	203	0.60
9 = Established cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	662	1.96
10 = Established cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	247	0.73
Missing	112	0.33
Total	33,822	100.00

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegC_30past30: Adult cigarette and e-products use status – used at least 30 days in the past 30 days

Description: Current use status (used cigarettes/e-products 30 days in the past 30 days) among all respondents who are established smokers (smoked \geq 100 cigarettes in their lifetimes) and e-product users (ever used e-products, even one or two times).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,403	30.76
3 = Exclusive established cigarette user under 30 days in the past 30 days	1,648	4.87
4 = Exclusive e-product user under 30 days in the past 30 days	602	17.80
5 = Exclusive established cigarette user for 30 days in the past 30 days	6,862	20.29
6 = Exclusive e-product user for 30 days in the past 30 days	643	1.90
7 = Established cigarette user under 30 days and e-product user under 30 days in the past 30 days	212	0.63
8 = Established cigarette user under 30 days and e-product user for 30 days in the past 30 days	211	0.62
9 = Established cigarette user for 30 days and e-product user under 30 days in the past 30 days	659	1.95
10 = Established cigarette user for 30 days and e-product user for 30 days in the past 30 days	216	0.64
Missing	112	0.33
Total	33,822	100.00

*This variable has 33,710 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegCE_1p30: Adult cigarette smoking and e-products use status – smoked/used at least 1 day in the past 30 days - detailed

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (smoked cigarettes/e-products on at least 1 day in the past 30 days) among all respondents who are established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 1 day in the past 30 days	0	0.00
4 = Exclusive e-product user under 1 day in the past 30 days	0	0.00
5 = Exclusive cigarette user for 1 or more days in the past 30 days	8,852	26.17
6 = Exclusive e-product user for 1 or more days in the past 30 days	933	2.76
7 = Cigarette user under 1 day and e-product user under 1 day in the past 30 days	0	0.00
8 = Cigarette user under 1 day and e-product user for 1 or more days in the past 30 days	0	0.00
9 = Cigarette user for 1 or more days and e-product user under 1 day in the past 30 days	0	0.00
10 = Cigarette user for 1 or more days and e-product user for 1 or more days in the past 30 days	918	2.71
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCE_5p30: Adult cigarette smoking and e-products use status – used at least 5 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 5 days in the past 30 days) among all respondents who are established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 5 days in the past 30 days	465	1.37
4 = Exclusive e-product user under 5 days in the past 30 days	109	0.32
5 = Exclusive cigarette user for 5 or more days in the past 30 days	8,387	24.80
6 = Exclusive e-product user for 5 or more days in the past 30 days	824	2.44

¹Those responses that are “not valid” are described for each indicator under “missing values”

7 = Cigarette user under 5 days and e-product user under 5 days in the past 30 days	18	0.05
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	76	0.22
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	185	0.55
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	639	1.89
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCE_10p30: Adult cigarette and e-products use status – used at least 10 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 10 days in the past 30 days) among all respondents who are established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 10 days in the past 30 days	812	2.40
4 = Exclusive e-product user under 10 days in the past 30 days	177	0.52
5 = Exclusive cigarette user for 10 or more days in the past 30 days	8,040	23.77
6 = Exclusive e-product user for 10 or more days in the past 30 days	756	2.23
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	44	0.13
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	114	0.34
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	284	0.84
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	476	1.41
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCE_15p30: Adult cigarette and e-products use status – used at least 15 days in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (used cigarettes/e-products at least 15 days in the past 30 days) among all respondents who are established/regular users (smoked \geq 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 15 days in the past 30 days	1,026	3.03
4 = Exclusive e-product user under 15 days in the past 30 days	211	0.62
5 = Exclusive cigarette user for 15 or more days in the past 30 days	7,826	23.14
6 = Exclusive e-product user for 15 or more days in the past 30 days	722	2.13
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	67	0.20
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	140	0.41
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	335	0.99
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	376	1.11
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCE_20p30: Adult cigarette and e-products use status – used at least 20 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 20 days in the past 30 days) among all respondents who are established/regular users (smoked \geq 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 20 days in the past 30 days	1,276	3.78
4 = Exclusive e-product user under 20 days in the past 30 days	253	0.75
5 = Exclusive cigarette user for 20 or more days in the past 30 days	7,576	22.40
6 = Exclusive e-product user for 20 or more days in the past 30 days	680	2.01

¹Those responses that are “not valid” are described for each indicator under “missing values”

7 = Cigarette user under 20 days and e-product user under 20 days in the past 30 days	88	0.26
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	182	0.54
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	382	1.13
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	266	0.79
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCE_25p30: Adult cigarette and e-products use status – used at least 25 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 25 days in the past 30 days) among all respondents who are established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 25 days in the past 30 days	1,560	4.61
4 = Exclusive e-product user under 25 days in the past 30 days	298	0.88
5 = Exclusive cigarette user for 25 or more days in the past 30 days	7,292	21.56
6 = Exclusive e-product user for 25 or more days in the past 30 days	635	1.88
7 = Cigarette user under 25 days and e-product user under 25 days in the past 30 days	115	0.34
8 = Cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	198	0.58
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	397	1.17
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	208	0.61
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCE_30p30: Adult cigarette and e-products use status – used every day in the past 30 days

¹Those responses that are “not valid” are described for each indicator under “missing values”

Description: Current use status (used cigarettes/e-products every day in the past 30 days) among all respondents who are established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,523	19.29
3 = Exclusive cigarette user under 30 days in the past 30 days	1,723	5.09
4 = Exclusive e-product user under 30 days in the past 30 days	318	0.94
5 = Exclusive cigarette user for 30 days in the past 30 days	7,129	21.08
6 = Exclusive e-product user for 30 days in the past 30 days	615	1.82
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	134	0.40
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	207	0.61
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	396	1.17
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	181	0.53
Missing	180	0.53
Total	33,822	100.00

This variable has 33,642 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_everysome: Adult cigarette smoking and e-products use status – every day or some days

Description: Current use status (used cigarettes/e-products every day or some days) among all respondents who have smoked a cigarette and/or ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	23.37
2 = Non-current user	13,742	40.63
3 = Exclusive cigarette user for some days	2,358	6.97
4 = Exclusive e-cigarette user for some days	611	1.81
5 = Exclusive cigarette user for every day	6,780	20.05
6 = Exclusive e-cigarette user for every day	553	1.63
7 = Dual user for some days	475	1.40
8 = Cigarette user for some days and e-cigarette user for every day	251	0.74
9 = Cigarette user for every day and e-cigarette user for some days	898	2.65

¹Those responses that are “not valid” are described for each indicator under “missing values”

10 = Dual user for every day	195	0.58
Missing	53	0.16
Total	33,822	100.00

This variable has 33,769 valid cases out of 33,822 total cases.

UMp1_W4_A_MultiUse_RegCig_everysome: Adult cigarette and e-products use status – every day or some days

Description: Current use status (used cigarettes/e-products every day or some days) among all established smokers (smoked ≥ 100 cigarettes in their lifetimes) and/or ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	10,187	30.12
3 = Exclusive cigarette user for some days	1,779	5.26
4 = Exclusive e-cigarette user for some days	773	2.28
5 = Exclusive cigarette user for every day	6,525	19.29
6 = Exclusive e-cigarette user for every day	603	1.78
7 = Dual user for some days	338	1.00
8 = Cigarette user for some days and e-cigarette user for every day	216	0.64
9 = Cigarette user for every day and e-cigarette user for some days	873	2.58
10 = Dual user for every day	179	0.53
Missing	95	0.28
Total	33,822	100.00

*This variable has 33,727 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegCigE_everysome: Adult regular cigarette and e-products use status – every day or some days

Description: Current use status (used cigarettes/e-products every day or some days) among all established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	6,432	19.02
3 = Exclusive cigarette user for some days	1,911	5.65
4 = Exclusive e-cigarette user for some days	354	1.05
5 = Exclusive cigarette user for every day	6,896	20.39

¹Those responses that are “not valid” are described for each indicator under “missing values”

6 = Exclusive e-cigarette user for every day	583	1.72
7 = Dual user for some days	199	0.59
8 = Cigarette user for some days and e-cigarette user for every day	212	0.63
9 = Cigarette user for every day and e-cigarette user for some days	501	1.48
10 = Dual user for every day	148	0.44
Missing	170	0.50
Total	33,822	100.00

This variable has 33,652 valid cases out of 33,822 total cases

UMp1_W4_A_MultiUse_P30D: Adult cigarette and e-products use status - Past 30-day use

Description: Current use status (used cigarettes/e-products in the past 30 days) among all respondents who have smoked a cigarette and/or ever e-cigarette users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never user	7,906	21.56
2 = Non-current user	12,373	35.73
3 = Exclusive cigarette user in the past 30 days	9,414	29.11
4 = Exclusive e-product user in the past 30 days	1,455	4.51
5 = Dual user in the past 30 days	2,624	8.95
Missing	50	0.13
Total	33,822	100.00

This variable has 33,772 valid cases out of 33,822 total cases

UMp1_W4_A_MultiUse_RegCig_P30D: Adult established cigarette and ever e-products use status - Past 30-day use

Description: Current use status (used cigarettes/e-products in the past 30 days) among all established smokers (smoked ≥ 100 cigarettes in their lifetimes) and/or ever e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user*	12,254	36.23
2 = Non-current user	9,077	26.84
3 = Exclusive cigarette user in the past 30 days	24.61	24.61
4 = Exclusive e-product user in the past 30 days	1,922	5.68
5 = Dual user in the past 30 days	2,153	6.36
Missing	92	0.27
Total	33,822	100.00

¹Those responses that are “not valid” are described for each indicator under “missing values”

*This variable has 33,730 valid cases out of 33,822 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_A_MultiUse_RegCigE_P30D: Adult established cigarette and regular e-products use status - Past 30-day use

Description: Current use status (used cigarettes/e-products in the past 30 days) among all established/regular users (smoked ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents¹

Value	Unweighted frequency	%
1 = Never regular user	16,416	48.54
2 = Non-current user	5,744	16.98
3 = Exclusive cigarette user in the past 30 days	9,154	27.06
4 = Exclusive e-product user in the past 30 days	1,060	3.13
5 = Dual user in the past 30 days	1,283	3.79
Missing	165	0.49
Total	33,822	100.00

This variable has 33,657 valid cases out of 33,822 total cases

¹Those responses that are “not valid” are described for each indicator under “missing values”