1. **Cigarette Use Variables for PATH Youth 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_Y_NVR_CIGS: Youth never smoker

Description: Youths who have never smoked a cigarette (even one or two puffs) in their entire lifetimes.

Numerator: Number of respondents who have never smoked a cigarette in their lifetime

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	1,508	10.19
1 = Yes	13,267	89.65
Missing	23	0.16
Total	14,798	100.00

This variable has 14,775 valid cases out of 14,798 total cases

Missing values: See note about missing values for all indicators

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UMp1_W4_Y_100cigs: Youth established cigarette smoker

Description: Youth 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 respondents[1]

Value	Unweighted frequency	%
0 = No	14,536	98.23
1 = Yes	217	1.47
Missing	45	0.30
Total	14,798	100.00

This variable has 14,753 valid cases out of 14,798 total cases.

Missing values: See note about missing values for all indicators

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UMp1_W4_Y_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

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

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

Denominator: Total number of respondents[1]

- Mean: 0.30
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 2.56
- Never smoked or did not smoke in the past 30 days: 14,301
- Missing: 38

This variable has 14,760 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_1past30: Youth cigarette smoking status – 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.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91
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	459	3.10
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_5past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91
3 = User who smoked under 5 days in the past 30 days	243	1.64

[1]Those 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	216	1.46
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_10past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91
3 = User who smoked under 10 days in the past 30 days	295	1.99
4 = User who smoked 10 or more days in the past 30 days	164	1.11
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_15past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91
3 = User who smoked under 15 days in the past 30 days	324	2.19
4 = User who smoked 15 or more days in the past 30 days	135	0.91
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_20past30: Youth cigarette smoking status – smoked at least 20 days in the past 30 days

[1]Those 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91
3 = User who smoked under 20 days in the past 30 days	347	2.34
4 = User who smoked 20 or more days in the past 30 days	112	0.76
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_25past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91
3 = User who smoked under 25 days in the past 30 days	368	2.49
4 = User who smoked 25 or more days in the past 30 days	91	0.61
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_30past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = User who did not smoke in the past 30 days	1,022	6.91

[1]Those 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	390	2.64
4 = User who smoked 30 days in the past 30 days	69	0.47
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_1past30: Youth cigarette smoking status – 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 smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
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	154	1.04
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_5past30: Youth 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 who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
3 = Established user who smoked under 5 days in the past 30 days	18	0.12
4 = Established user who smoked 5 or more days in the past 30 days	136	0.92
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

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

UMp1_W4_Y_smkstat_Reg_10past30: Youth 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 who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
3 = Established user who smoked under 10 days in the past 30 days	35	0.24
4 = Established user who smoked 10 or more days in the past 30 days	119	0.80
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_15past30: Youth 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 who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
3 = Established user who smoked under 15 days in the past 30 days	46	0.31
4 = Established user who smoked 15 or more days in the past 30 days	108	0.73
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_20past30: Youth cigarette smoking status – smoked at least 20 days in the past 30 days

[1]Those 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 who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
3 = Established user who smoked under 20 days in the past 30 days	58	0.39
4 = Established user who smoked 20 or more days in the past 30 days	96	0.65
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_25past30: Youth 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 who are established smokers (smoked ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
3 = Established user who smoked under 25 days in the past 30 days	74	0.50
4 = Established user who smoked 25 or more days in the past 30 days	80	0.54
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_30past30: Youth 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 ≥ 100 cigarettes in their lifetimes).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

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

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established user who didn't smoke in the past 30 days	58	0.39
3 = Established user who smoked under 30 days in the past 30 days	92	0.62
4 = Established user who smoked 30 days in the past 30 days	62	0.42
Missing	50	0.34
Total	14,798	100.00

This variable has 14,748 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_1past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39
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	303	2.05
7 = Established user who smoked 1 or more days in the past 30 days	154	1.04
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_5past30: Youth 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 respondents[1]

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

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39
4 = Experimental user who smoked under 5 days in the past 30 days	223	1.51
5 = Established user who smoked under 5 days in the past 30 days	18	0.12
6 = Experimental user who smoked 5 or more days in the past 30 days	80	0.54
7 = Established user who smoked 5 or more days in the past 30 days	136	0.92
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_10past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39
4 = Experimental user who smoked under 10 days in the past 30 days	258	1.74
5 = Established user who smoked under 10 days in the past 30 days	35	0.24
6 = Experimental user who smoked 10 or more days in the past 30 days	45	0.30
7 = Established user who smoked 10 or more days in the past 30 days	119	0.80
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_15past30: Youth cigarette smoking status (experimental and established smoker) - smoked at least 15 days in the past 30 days

[1]Those 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39
4 = Experimental user who smoked under 15 days in the past 30 days	276	1.87
5 = Established user who smoked under 15 days in the past 30 days	46	0.31
6 = Experimental user who smoked 15 or more days in the past 30 days	27	0.18
7 = Established user who smoked 15 or more days in the past 30 days	108	0.73
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_20past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39
4 = Experimental user who smoked under 20 days in the past 30 days	287	1.94
5 = Established user who smoked under 20 days in the past 30 days	58	0.39
6 = Experimental user who smoked 20 or more days in the past 30 days	16	0.11
7 = Established user who smoked 20 or more days in the past 30 days	96	0.65
Missing	66	0.45

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

	14,798	100.00
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_25past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39
4 = Experimental user who smoked under 25 days in the past 30 days	292	1.97
5 = Established user who smoked under 25 days in the past 30 days	74	0.50
6 = Experimental user who smoked 25 or more days in the past 30 days	11	0.07
7 = Established user who smoked 25 or more days in the past 30 days	80	0.54
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Exp_30past30: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current experimental user	950	6.42
3 = Non-current established user	58	0.39

[1]Those 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	296	2.00
5 = Established user who smoked under 30 days in the past 30 days	92	0.62
6 = Experimental user who smoked 30 days in the past 30 days	7	0.05
7 = Established user who smoked 30 days in the past 30 days	62	0.42
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_P30D: Youth cigarette smoking status - Past 30-day use

Description: Current cigarette use status among all respondents.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never user	13,267	89.65
2 = Non-current user	1,022	6.91
3 = Current user	474	3.20
Missing	35	0.24
Total	14,798	100.00

This variable has 14,763 valid cases out of 14,798 total cases.

UMp1_W4_Y_smkstat_Reg_P30D: Youth 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 respondents[1]

Value	Unweighted frequency	%
1 = Never established user	14,536	98.23
2 = Established non-current user	58	0.39
3 = Established current user	159	1.07
Missing	45	0.30
Total	14,798	100.00

This variable has 14,753 valid cases out of 14,798 total cases.

UMp1_W4_Y_cig_Menthol: Smoked cigarette(s) flavored to taste like menthol or mint in the past 30 days

Description: Indicator for respondents who smoked cigarettes flavored to taste like menthol or mint in the past 30 days.

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

Numerator: Number of current smokers who smoked cigarettes flavored to taste like menthol or mint in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	186	1.26
1 = Yes	233	1.57
Missing	14,379	97.17
Total	14,798	100.00

This variable has 419 valid cases out of 14,798 total cases.

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2. E-product Use Variables for PATH Youth 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_Y_NVR_EPRODS: Youth never e-product user

Description: Respondents who have not used e-products in their lifetimes.

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

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	2,223	15.02
1 = Yes	12,526	84.65
Missing	49	0.33
Total	14,798	100.00

This variable has 14,749 valid cases out of 14,798 total cases

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UMp1_W4_Y_eprods_reg: Youth 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]

Variable	Value	Unweighted frequency	%
	0 = No	14,282	96.51
UMp1_W4_Y_eprods_reg	1 = Yes	463	3.13
	Missing	53	0.36
	Total	14,798	100.00

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

This variable has 14,745 valid cases out of 14,798 total cases.

UMp1_W4_Y_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 ever used an e-product and have used e-products in the past 30 days

Denominator: Total number of respondents[1]

- Mean: 0.28
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 2.26
- Never used or did not use in the past 30 days: 14,154
- Missing: 67

This variable has 14,731 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_1past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
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	577	3.90
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_5past30: Youth e-product 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]

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

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
3 = User who used under 5 days in the past 30 days	360	2.43
4 = User who used 5 or more days in the past 30 days	217	1.47
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_10past30: Youth e-product 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 e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
3 = User who used under 10 days in the past 30 days	436	2.95
4 = User who used 10 or more days in the past 30 days	141	0.95
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_15past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
3 = User who used under 15 days in the past 30 days	468	3.16
4 = User who used 15 or more days in the past 30 days	109	0.74
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

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

UMp1_W4_Y_eprodstat_20past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
3 = User who used under 20 days in the past 30 days	486	3.28
4 = User who used 20 or more days in the past 30 days	91	0.61
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_25past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
3 = User who used under 25 days in the past 30 days	511	3.45
4 = User who used 25 or more days in the past 30 days	66	0.45
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_30past30: Youth e-product 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 respondents[1]

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

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = User who did not use in the past 30 days	1,609	10.87
3 = User who used under 30 days in the past 30 days	538	3.64
4 = User who used 30 days in the past 30 days	39	0.26
Missing	86	0.58
Total	14,798	100.00

This variable has 14,712 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Reg_1past30: Youth e-product 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 regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
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	237	1.60
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Reg_5past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
3 = Regular user who used under 5 days in the past 30 days	72	0.49
4 = Regular user who used 5 or more days in the past 30 days	165	1.12
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

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

UMp1_W4_Y_eprodstat_Reg_10past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
3 = Regular user who used under 10 days in the past 30 days	117	0.79
4 = Regular user who used 10 or more days in the past 30 days	120	0.81
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Reg_15past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
3 = Regular user who used under 15 days in the past 30 days	142	0.96
4 = Regular user who used 15 or more days in the past 30 days	95	0.64
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Reg_20past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%

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

1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
3 = Regular user who used under 20 days in the past 30 days	156	1.05
4 = Regular user who used 20 or more days in the past 30 days	81	0.55
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Reg_25past30: Youth e-product 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 regular e-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
3 = Regular user who used under 25 days in the past 30 days	176	1.19
4 = Regular user who used 25 or more days in the past 30 days	61	0.41
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Reg_30past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular user who didn't use in the past 30 days	212	1.43
3 = Regular user who used under 30 days in the past 30 days	201	1.36
4 = Regular user who used 30 days in the past 30 days	36	0.24
Missing	67	0.45
Total	14,798	100.00

This variable has 14,731 valid cases out of 14,798 total cases.

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

UMp1_W4_Y_eprodstat_Exp_1past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
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	338	2.28
7 = Regular user who used 1 or more days in the past 30 days	237	1.60
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Exp_5past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
4 = Experimental user who used under 5 days in the past 30 days	286	1.93
5 = Regular user who used under 5 days in the past 30 days	72	1.43
6 = Experimental user who used 5 or more days in the past 30 days	52	1.93
7 = Regular user who used 5 or more days in the past 30 days	165	1.12
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Exp_10past30: Youth e-product use status (experimental and regular 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: 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
4 = Experimental user who used under 10 days in the past 30 days	317	2.14
5 = Regular user who used under 10 days in the past 30 days	117	0.79
6 = Experimental user who used 10 or more days in the past 30 days	21	0.14
7 = Regular user who used 10 or more days in the past 30 days	120	0.81
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Exp_15past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
4 = Experimental user who used under 15 days in the past 30 days	324	2.19
5 = Regular user who used under 15 days in the past 30 days	142	0.96
6 = Experimental user who used 15 or more days in the past 30 days	14	0.09
7 = Regular user who used 15 or more days in the past 30 days	95	0.64
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Exp_20past30: Youth e-product use status (experimental and regular user) - used at least 20 days in the past 30 days

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

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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
4 = Experimental user who used under 20 days in the past 30 days	328	2.22
5 = Regular user who used under 20 days in the past 30 days	156	1.05
6 = Experimental user who used 20 or more days in the past 30 days	10	0.07
7 = Regular user who used 20 or more days in the past 30 days	81	0.55
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Exp_25past30: Youth e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
4 = Experimental user who used under 25 days in the past 30 days	333	2.25
5 = Regular user who used under 25 days in the past 30 days	176	1.19
6 = Experimental user who used 25 or more days in the past 30 days	5	0.03
7 = Regular user who used 25 or more days in the past 30 days	61	0.41
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_Exp_30past30: Youth e-product use status (experimental and regular user) - used at least 30 days in the past 30 days

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

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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current experimental user	1,396	9.43
3 = Non-current regular user	212	1.43
4 = Experimental user who used under 30 days in the past 30 days	335	2.26
5 = Regular user who used under 30 days in the past 30 days	201	1.36
6 = Experimental user who used 30 days in the past 30 days	3	0.02
7 = Regular user who used 30 days in the past 30 days	36	0.24
Missing	89	0.60
Total	14,798	100.00

This variable has 14,709 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprodstat_P30D: Youth e-product 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.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,526	84.65
2 = Non-current user	1,608	10.87
3 = Current user	598	4.04
Missing	66	0.45
Total	14,798	100.00

This variable has 14,732 valid cases out of 14,798 total cases

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UMp1_W4_Y_eprodstat_Reg_P30D: Youth regular e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,282	96.51
2 = Regular non-current user	212	1.43
3 = Regular current user	250	1.69

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

Missing	82	0.36
Total	14,798	100.00

This variable has 14,716 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprod_AnyFlvr: Used flavored e-product(s) in the past 30 days

Description: Indicator for respondents who used e-products flavored to taste like tobacco, menthol, mint, clove, spice, fruit, chocolate, an alcoholic drink, a non-alcoholic drink, candy, desserts, sweets, or some other flavor in the past 30 days.

Numerator: Number of current e-product users who used e-products flavored to taste like tobacco, menthol, mint, clove, spice, fruit, chocolate, an alcoholic drink, a non-alcoholic drink, candy, desserts, sweets, or some other flavor in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	0	0.00
1 = Yes	581	3.93
Missing	14,217	96.44
Total	14,798	100.00

This variable has 581 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprod_TobFlvrd: Used e-product(s) flavored to taste like tobacco in the past 30 days

Description: Indicator for respondents who used e-products flavored to taste like tobacco in the past 30 days.

Numerator: Number of current e-product users who used e-products flavored to taste like tobacco in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	517	3.49
1 = Yes	64	0.43
Missing	14,217	96.07
Total	14,798	100.00

This variable has 581 valid cases out of 14,798 total cases.

UMp1_W4_Y_eprod_Menthol: Used e-product(s) flavored to taste like menthol or mint in the past 30 days

Description: Indicator for respondents who used e-products flavored to taste like menthol or mint in the past 30 days.

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

Numerator: Number of current e-product users who used e-products flavored to taste like menthol or mint in the past 30 days

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
0 = No	439	2.97
1 = Yes	142	0.96
Missing	14,217	96.07
Total	14,798	100.00

This variable has 581 valid cases out of 14,798 total cases.

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

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 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

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UMp1_W4_Y_MultiUse_1past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
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	295	1.99
6 = Exclusive e-product user for 1 or more days in the past 30 days	412	2.78
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	161	1.09
Missing	126	0.85

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

Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_5past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
3 = Exclusive cigarette user under 5 days in the past 30 days	156	1.05
4 = Exclusive e-product user under 5 days in the past 30 days	279	1.89
5 = Exclusive cigarette user for 5 or more days in the past 30 days	139	0.94
6 = Exclusive e-product user for 5 or more days in the past 30 days	133	0.90
7 = Cigarette user under 5 days and e-product user under 5 days in the past 30 days	45	0.30
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	39	0.26
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	34	0.23
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	43	0.29
Missing	126	0.85
Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_10past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
3 = Exclusive cigarette user under 10 days in the past 30 days	186	1.26

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

4 = Exclusive e-product user under 10 days in the past 30 days	328	2.22
5 = Exclusive cigarette user for 10 or more days in the past 30 days	109	0.74
6 = Exclusive e-product user for 10 or more days in the past 30 days	84	0.57
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	75	0.51
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	31	0.21
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	30	0.20
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	25	0.17
Missing	126	0.85
Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_15past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
3 = Exclusive cigarette user under 15 days in the past 30 days	207	1.40
4 = Exclusive e-product user under 15 days in the past 30 days	345	2.33
5 = Exclusive cigarette user for 15 or more days in the past 30 days	88	0.59
6 = Exclusive e-product user for 15 or more days in the past 30 days	67	0.45
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	88	0.59
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	26	0.18
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	32	0.22
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	15	0.10
Missing	126	0.85
Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

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

UMp1_W4_Y_MultiUse_20past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
3 = Exclusive cigarette user under 20 days in the past 30 days	225	1.52
4 = Exclusive e-product user under 20 days in the past 30 days	359	2.43
5 = Exclusive cigarette user for 20 or more days in the past 30 days	70	0.47
6 = Exclusive e-product user for 20 or more days in the past 30 days	53	0.36
7 = Cigarette user under 20 days and e-product user under 20 days in the past 30 days	95	0.64
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	24	0.16
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	29	0.20
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	13	0.09
Missing	126	0.85
Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_25past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
3 = Exclusive cigarette user under 25 days in the past 30 days	240	1.62
4 = Exclusive e-product user under 25 days in the past 30 days	375	2.53
5 = Exclusive cigarette user for 25 or more days in the past 30 days	55	0.37
6 = Exclusive e-product user for 25 or more days in the past 30 days	37	0.25

[1]Those 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	104	0.70
8 = Cigarette user under 25 days and e-product user for 20 or more days in the past 30 days	21	0.14
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	29	0.20
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	7	0.05
Missing	126	0.85
Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_30past30: Youth cigarette and e-product use status – used at least 30 days in the past 30 days

Description: Current use status (used cigarettes/e-products at least 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 respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,771	11.97
3 = Exclusive cigarette user under 30 days in the past 30 days	248	1.68
4 = Exclusive e-product user under 30 days in the past 30 days	392	2.65
5 = Exclusive cigarette user for 30 days in the past 30 days	47	0.32
6 = Exclusive e-product user for 30 days in the past 30 days	20	0.14
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	125	0.84
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	14	0.09
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	18	0.12
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	4	0.03
Missing	126	0.85
Total	14,798	100.00

This variable has 14,672 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegC_1past30: Youth cigarette and e-product use status – used at least 1 day in the past 30 days

[1]Those 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
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	96	0.65
6 = Exclusive e-product user for 1 or more days in the past 30 days	515	3.48
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	58	0.39
Missing	130	0.88
Total	14,798	100.00

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegC_5past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
3 = Exclusive established cigarette user under 5 days in the past 30 days	12	0.08
4 = Exclusive e-product user under 5 days in the past 30 days	334	2.26

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

	Unweighted frequency	%
5 = Exclusive established cigarette user for 5 or more days in the past 30 days	84	0.57
6 = Exclusive e-product user for 5 or more days in the past 30 days	181	1.22
7 = Established cigarette user under 5 days and e-product user under 5 days in the past 30 days	2	0.01
8 = Established cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	4	0.03
9 = Established cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	23	0.16
10 = Established cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	29	0.20
Missing	130	0.88
Total	14,798	100.00

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegC_10past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
3 = Exclusive established cigarette user under 10 days in the past 30 days	21	0.14
4 = Exclusive e-product user under 10 days in the past 30 days	400	2.70
5 = Exclusive established cigarette user for 10 or more days in the past 30 days	75	0.51
6 = Exclusive e-product user for 10 or more days in the past 30 days	115	0.78
7 = Established cigarette user under 10 days and e-product user under 10 days in the past 30 days	10	0.07
8 = Established cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	4	0.03
9 = Established cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	24	0.16
10 = Established cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	20	0.14
Missing	130	0.88
Total	14,798	100.00

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

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegC_15past30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
3 = Exclusive established cigarette user under 15 days in the past 30 days	28	0.19
4 = Exclusive e-product user under 15 days in the past 30 days	427	2.89
5 = Exclusive established cigarette user for 15 or more days in the past 30 days	68	0.46
6 = Exclusive e-product user for 15 or more days in the past 30 days	88	0.59
7 = Established cigarette user under 15 days and e-product user under 15 days in the past 30 days	13	0.09
8 = Established cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	5	0.03
9 = Established cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	26	0.18
10 = Established cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	14	0.09
Missing	130	0.88
Total	14,798	100.00

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegC_20past30: Youth cigarette and e-product 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 respondents[1]

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

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
3 = Exclusive established cigarette user under 20 days in the past 30 days	38	0.26
4 = Exclusive e-product user under 20 days in the past 30 days	444	3.00
5 = Exclusive established cigarette user for 20 or more days in the past 30 days	58	0.39
6 = Exclusive e-product user for 20 or more days in the past 30 days	71	0.48
7 = Established cigarette user under 20 days and e-product user under 20 days in the past 30 days	14	0.09
8 = Established cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	6	0.04
9 = Established cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	26	0.18
10 = Established cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	12	0.08
Missing	130	0.88
Total	14,798	100.00

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegC_25past30: Youth cigarette and e-product 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 ≥ 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
3 = Exclusive established cigarette user under 25 days in the past 30 days	48	0.32
4 = Exclusive e-product user under 25 days in the past 30 days	464	3.14
5 = Exclusive established cigarette user for 25 or more days in the past 30 days	48	0.32
6 = Exclusive e-product user for 25 or more days in the past 30 days	51	0.34
7 = Established cigarette user under 25 days and e-product user under 25 days in the past 30 days	20	0.14

[1]Those 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	6	0.04
9 = Established cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	25	0.17
10 = Established cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	7	0.05
Missing	130	0.88
Total	14,798	100.00

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegC_30past30: Youth cigarette and e-product use status – used at least 30 days in the past 30 days

Description: Current use status (used cigarettes/e-products on 30 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,524	10.30
3 = Exclusive established cigarette user under 30 days in the past 30 days	55	0.37
4 = Exclusive e-product user under 30 days in the past 30 days	487	3.29
5 = Exclusive established cigarette user for 30 days in the past 30 days	41	0.28
6 = Exclusive e-product user for 30 days in the past 30 days	28	0.19
7 = Established cigarette user under 30 days and e-product user under 30 days in the past 30 days	32	0.22
8 = Established cigarette user under 30 days and e-product user for 30 days in the past 30 days	5	0.03
9 = Established cigarette user for 30 days and e-product user under 30 days in the past 30 days	17	0.11
10 = Established cigarette user for 30 days and e-product user for 30 days in the past 30 days	4	0.03
Missing	130	0.88
Total	14,798	100.00

*This variable has 14,668 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegCE_1p30: Youth cigarette smoking and e-product use status – smoked/used at least 1 day in the past 30 days

[1]Those 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/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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
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	114	0.77
6 = Exclusive e-product user for 1 or more days in the past 30 days	193	1.30
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	40	0.27
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegCE_5p30: Youth cigarette smoking and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user under 5 days in the past 30 days	13	0.09
4 = Exclusive e-product user under 5 days in the past 30 days	60	0.41
5 = Exclusive cigarette user for 5 or more days in the past 30 days	101	0.68
6 = Exclusive e-product user for 5 or more days in the past 30 days	133	0.90

[1]Those 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	1	0.01
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	4	0.03
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	10	0.07
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	25	0.17
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegCE_10p30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user under 10 days in the past 30 days	23	0.16
4 = Exclusive e-product user under 10 days in the past 30 days	96	0.65
5 = Exclusive cigarette user for 10 or more days in the past 30 days	91	0.61
6 = Exclusive e-product user for 10 or more days in the past 30 days	97	0.66
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	8	0.05
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	4	0.03
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	11	0.07
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	17	0.11
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegCE_15p30: Youth cigarette and e-product use status – used at least 15 days in the past 30 days

[1]Those 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 ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user under 15 days in the past 30 days	30	0.20
4 = Exclusive e-product user under 15 days in the past 30 days	118	0.80
5 = Exclusive cigarette user for 15 or more days in the past 30 days	84	0.57
6 = Exclusive e-product user for 15 or more days in the past 30 days	75	0.51
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	11	0.07
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	5	0.03
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	11	0.07
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	13	0.09
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegCE_20p30: Youth cigarette and e-product 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 ≥ 100 cigarettes in their lifetimes/fairly regular use of e-products).

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user under 20 days in the past 30 days	40	0.27
4 = Exclusive e-product user under 20 days in the past 30 days	131	0.89
5 = Exclusive cigarette user for 20 or more days in the past 30 days	74	0.50
6 = Exclusive e-product user for 20 or more days in the past 30 days	62	0.42

[1]Those 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	12	0.08
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	6	0.04
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	11	0.07
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	11	0.07
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegCE_25p30: Youth cigarette and e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user under 25 days in the past 30 days	53	0.36
4 = Exclusive e-product user under 25 days in the past 30 days	147	0.99
5 = Exclusive cigarette user for 25 or more days in the past 30 days	61	0.41
6 = Exclusive e-product user for 25 or more days in the past 30 days	46	0.31
7 = Cigarette user under 25 days and e-product user under 25 days in the past 30 days	15	0.10
8 = Cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	6	0.04
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	12	0.08
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	7	0.05
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_RegCE_30p30: Youth cigarette and e-product use status – used every day in the past 30 days

[1]Those 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user under 30 days in the past 30 days	63	0.43
4 = Exclusive e-product user under 30 days in the past 30 days	168	1.14
5 = Exclusive cigarette user for 30 days in the past 30 days	51	0.34
6 = Exclusive e-product user for 30 days in the past 30 days	25	0.17
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	24	0.16
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	5	0.03
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	7	0.05
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	4	0.03
Missing	112	0.76
Total	14,798	100.00

This variable has 14,686 valid cases out of 14,798 total cases.

UMp1_W4_Y_MultiUse_P30D: Youth cigarette and e-product 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-product users.

Numerator: Number of respondents who are [VALUE]

Denominator: Total number of respondents[1]

Value	Unweighted frequency	%
1 = Never user	12,033	81.32
2 = Non-current user	1,770	11.96
3 = Exclusive cigarette user in the past 30 days	303	2.05
4 = Exclusive e-product user in the past 30 days	427	2.89
5 = Dual user in the past 30 days	171	1.16
Missing	94	0.64
Total	14,798	100.00

This variable has 14,704 valid cases out of 14,798 total cases

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

UMp1_W4_Y_MultiUse_RegCig_P30D: Youth established cigarette and ever e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user*	12,475	84.30
2 = Non-current user	1,523	10.29
3 = Exclusive cigarette user in the past 30 days	99	0.67
4 = Exclusive e-product user in the past 30 days	536	3.62
5 = Dual user in the past 30 days	60	0.41
Missing	105	0.71
Total	14,798	100.00

*This variable has 14,693 valid cases out of 14,798 total cases. * Never established cigarette and never e-product user.*

UMp1_W4_Y_MultiUse_RegCigE_P30D: Youth established cigarette and regular e-product 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 respondents[1]

Value	Unweighted frequency	%
1 = Never regular user	14,127	95.47
2 = Non-current user	212	1.43
3 = Exclusive cigarette user in the past 30 days	117	0.79
4 = Exclusive e-product user in the past 30 days	206	1.39
5 = Dual user in the past 30 days	42	0.28
Missing	94	0.64
Total	14,798	100.00

This variable has 14,704 valid cases out of 14,798 total cases.

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