

## 1. Cigarette Use Variables for PATH Youth Data (Wave 3)

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.

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### UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
0 = No	1,220	10.33
1 = Yes	10,573	89.50
Missing	21	0.18
Total	11,814	100.00

*This variable has 11,793 valid cases out of 11,814 total cases*

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

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### UMp1\_W3\_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  $\geq$  100 cigarettes in their lifetimes

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
0 = No	11,571	97.94
1 = Yes	209	1.77
Missing	34	0.29
Total	11,814	100.00

*This variable has 11,780 valid cases out of 11,814 total cases.*

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

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### UMp1\_W3\_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

<sup>1</sup>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<sup>1</sup>

- Mean: 0.37
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 2.94
- Never smoked or did not smoke in the past 30 days: 11,433
- Missing: 24

*This variable has 11,790 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = User who did not smoke in the past 30 days	852	7.21
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	357	3.01
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

2 = User who did not smoke in the past 30 days	852	7.21
3 = User who smoked under 5 days in the past 30 days	163	1.38
4 = User who smoked 5 or more days in the past 30 days	194	1.64
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = User who did not smoke in the past 30 days	852	7.21
3 = User who smoked under 10 days in the past 30 days	200	1.69
4 = User who smoked 10 or more days in the past 30 days	157	1.33
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = User who did not smoke in the past 30 days	852	7.21
3 = User who smoked under 15 days in the past 30 days	215	1.82
4 = User who smoked 15 or more days in the past 30 days	142	1.20
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

**UMp1\_W3\_Y\_smkstat\_20past30: Youth cigarette smoking status – smoked at least 20 days in the past 30 days**

<sup>1</sup>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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = User who did not smoke in the past 30 days	852	7.21
3 = User who smoked under 20 days in the past 30 days	236	2.00
4 = User who smoked 20 or more days in the past 30 days	121	1.02
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = User who did not smoke in the past 30 days	852	7.21
3 = User who smoked under 25 days in the past 30 days	255	2.16
4 = User who smoked 25 or more days in the past 30 days	102	0.86
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = User who did not smoke in the past 30 days	852	7.21
3 = User who smoked under 30 days in the past 30 days	285	2.40

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

4 = User who smoked 30 days in the past 30 days	73	0.62
Missing	32	0.27
Total	11,814	100.00

*This variable has 11,782 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established user who didn't smoke in the past 30 days	51	0.43
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	155	1.31
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established user who didn't smoke in the past 30 days	51	0.43 %
3 = Established user who smoked under 5 days in the past 30 days	22	0.19
4 = Established user who smoked 5 or more days in the past 30 days	133	1.13
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**UMp1\_W3\_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  $\geq$  100 cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established user who didn't smoke in the past 30 days	51	0.43
3 = Established user who smoked under 10 days in the past 30 days	34	0.29
4 = Established user who smoked 10 or more days in the past 30 days	121	1.02
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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  $\geq$  100 cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established user who didn't smoke in the past 30 days	51	0.43
3 = Established user who smoked under 15 days in the past 30 days	41	0.35
4 = Established user who smoked 15 or more days in the past 30 days	114	0.96
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_smkstat\_Reg\_20past30: Youth cigarette smoking status – 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 smokers (smoked  $\geq$  100 cigarettes in their lifetimes).

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established user who didn't smoke in the past 30 days	51	0.43
3 = Established user who smoked under 20 days in the past 30 days	52	0.44
4 = Established user who smoked 20 or more days in the past 30 days	103	0.87
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established user who didn't smoke in the past 30 days	51	0.43
3 = Established user who smoked under 25 days in the past 30 days	69	0.58
4 = Established user who smoked 25 or more days in the past 30 days	86	0.73
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

2 = Established user who didn't smoke in the past 30 days	51	0.43
3 = Established user who smoked under 30 days in the past 30 days	93	0.79
4 = Established user who smoked 30 days in the past 30 days	62	0.52
Missing	37	0.31
Total	11,814	100.00

*This variable has 11,777 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes) and experimental smokers (have not smoked  $\geq 100$  cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43
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	202	1.71
7 = Established user who smoked 1 or more days in the past 30 days	155	1.31
Missing	40	0.34
Total	11,814	100.00

*This variable has 11,774 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes) and experimental smokers (have not smoked  $\geq 100$  cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

<sup>1</sup>Those responses that are "not valid" are described for each indicator under "missing values."

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43
4 = Experimental user who smoked under 5 days in the past 30 days	141	1.19
5 = Established user who smoked under 5 days in the past 30 days	22	0.19
6 = Experimental user who smoked 5 or more days in the past 30 days	61	0.52
7 = Established user who smoked 5 or more days in the past 30 days	133	1.13
Missing	40	0.34
Total	11,814	100.00

*This variable has 11,774 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43
4 = Experimental user who smoked under 10 days in the past 30 days	166	1.41
5 = Established user who smoked under 10 days in the past 30 days	34	0.29
6 = Experimental user who smoked 10 or more days in the past 30 days	36	0.30
7 = Established user who smoked 10 or more days in the past 30 days	121	1.02
Missing	40	0.34
Total	11,814	100.00

*This variable has 11,774 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_smkstat\_Exp\_15past30: Youth cigarette smoking status (experimental and established smoker) - smoked at least 15 days in the past 30 days**

<sup>1</sup>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  $\geq$  100 cigarettes in their lifetimes) and experimental smokers (have not smoked  $\geq$  100 cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43
4 = Experimental user who smoked under 15 days in the past 30 days	174	1.47
5 = Established user who smoked under 15 days in the past 30 days	41	0.35
6 = Experimental user who smoked 15 or more days in the past 30 days	28	0.24
7 = Established user who smoked 15 or more days in the past 30 days	114	0.96
Missing	40	0.34
Total	11,814	100.00

*This variable has 11,774 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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  $\geq$  100 cigarettes in their lifetimes) and experimental smokers (have not smoked  $\geq$  100 cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43
4 = Experimental user who smoked under 20 days in the past 30 days	184	1.56
5 = Established user who smoked under 20 days in the past 30 days	52	0.44
6 = Experimental user who smoked 20 or more days in the past 30 days	18	0.15
7 = Established user who smoked 20 or more days in the past 30 days	103	0.87
Missing	40	0.34

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

Total	11,814	100.00
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*This variable has 11,774 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes) and experimental smokers (have not smoked  $\geq 100$  cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43
4 = Experimental user who smoked under 25 days in the past 30 days	186	1.57
5 = Established user who smoked under 25 days in the past 30 days	69	0.58
6 = Experimental user who smoked 25 or more days in the past 30 days	16	0.14
7 = Established user who smoked 25 or more days in the past 30 days	86	0.73
Missing	40	0.34
Total	11,814	100.00

*This variable has 11,774 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes) and experimental smokers (have not smoked  $\geq 100$  cigarettes in their lifetimes).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current experimental user	793	6.71
3 = Non-current established user	51	0.43

<sup>1</sup>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	191	1.62
5 = Established user who smoked under 30 days in the past 30 days	93	0.79
6 = Experimental user who smoked 30 days in the past 30 days	11	0.09
7 = Established user who smoked 30 days in the past 30 days	62	0.52
Missing	40	0.34
Total	11,814	100.00

*This variable has 11,774 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	10,573	89.50
2 = Non-current user	850	7.19
3 = Current user	366	3.10
Missing	25	0.21
Total	11,814	100.00

*This variable has 11,789 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never established user	11,571	97.94
2 = Established non-current user	51	0.43
3 = Established current user	158	1.34
Missing	34	0.29
Total	11,814	100.00

*This variable has 11,780 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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.

<sup>1</sup>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<sup>1</sup>

Value	Unweighted frequency	%
0 = No	120	1.02
1 = Yes	206	1.74
Missing	11,488	97.24
Total	11,814	100.00

*This variable has 326 valid cases out of 11,814 total cases.*

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## 2. E-product Use Variables for PATH Youth Data (Wave 3)

**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\_W3\_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 never used e-products.

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
0 = No	1,930	16.34
1 = Yes	9,850	83.38
Missing	34	0.29
Total	11,814	100.00

*This variable has 11,780 valid cases out of 11,814 total cases*

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### UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
0 = No	11,386	96.38
1 = Yes	391	3.31
Missing	37	0.31
Total	11,814	100.00

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

*This variable has 11,777 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

- Mean: 0.29
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 2.26
- Never used or did not use in the past 30 days: 11,322
- Missing: 62

*This variable has 11,752 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
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	430	3.64
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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]

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
3 = User who used under 5 days in the past 30 days	235	1.99
4 = User who used 5 or more days in the past 30 days	195	1.65
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_eprostat\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
3 = User who used under 10 days in the past 30 days	296	2.52
4 = User who used 10 or more days in the past 30 days	134	1.13
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_eprostat\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
3 = User who used under 15 days in the past 30 days	327	2.77
4 = User who used 15 or more days in the past 30 days	103	0.87
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
3 = User who used under 20 days in the past 30 days	359	3.04
4 = User who used 20 or more days in the past 30 days	71	0.60
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

---

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
3 = User who used under 25 days in the past 30 days	387	3.28
4 = User who used 25 or more days in the past 30 days	43	0.36
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

---

**UMp1\_W3\_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<sup>1</sup>

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = User who did not use in the past 30 days	1,462	12.38
3 = User who used under 30 days in the past 30 days	401	3.39
4 = User who used 30 days in the past 30 days	29	0.25
Missing	72	0.61
Total	11,814	100.00

*This variable has 11,742 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
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	205	1.74
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
3 = Regular user who used under 5 days in the past 30 days	60	0.51
4 = Regular user who used 5 or more days in the past 30 days	145	1.23
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
3 = Regular user who used under 10 days in the past 30 days	95	0.80
4 = Regular user who used 10 or more days in the past 30 days	110	0.93
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

---

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
3 = Regular user who used under 15 days in the past 30 days	117	0.99
4 = Regular user who used 15 or more days in the past 30 days	88	0.74
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

---

**UMp1\_W3\_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<sup>1</sup>

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

1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
3 = Regular user who used under 20 days in the past 30 days	144	1.22
4 = Regular user who used 20 or more days in the past 30 days	61	0.52
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
3 = Regular user who used under 25 days in the past 30 days	164	1.39
4 = Regular user who used 25 or more days in the past 30 days	41	0.35
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular user who didn't use in the past 30 days	181	1.53
3 = Regular user who used under 30 days in the past 30 days	177	1.50
4 = Regular user who used 30 days in the past 30 days	28	0.24
Missing	42	0.36
Total	11,814	100.00

*This variable has 11,772 valid cases out of 11,814 total cases.*

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
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	225	1.90
7 = Regular user who used 1 or more days in the past 30 days	205	1.74
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

---

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
4 = Experimental user who used under 5 days in the past 30 days	175	1.48
5 = Regular user who used under 5 days in the past 30 days	60	0.51
6 = Experimental user who used 5 or more days in the past 30 days	50	0.42
7 = Regular user who used 5 or more days in the past 30 days	145	1.23
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

---

**UMp1\_W3\_Y\_eprodstat\_Exp\_10past30: Youth e-product use status (experimental and regular user) - used at least 10 days in the past 30 days**

<sup>1</sup>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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
4 = Experimental user who used under 10 days in the past 30 days	201	1.70
5 = Regular user who used under 10 days in the past 30 days	95	0.80
6 = Experimental user who used 10 or more days in the past 30 days	24	0.20
7 = Regular user who used 10 or more days in the past 30 days	110	0.93
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
4 = Experimental user who used under 15 days in the past 30 days	210	1.78
5 = Regular user who used under 15 days in the past 30 days	117	0.99
6 = Experimental user who used 15 or more days in the past 30 days	15	0.13
7 = Regular user who used 15 or more days in the past 30 days	88	0.74
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

**UMp1\_W3\_Y\_eprodstat\_Exp\_20past30: Youth e-product use status (experimental and regular user) - used at least 20 days in the past 30 days**

<sup>1</sup>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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
4 = Experimental user who used under 20 days in the past 30 days	215	1.82
5 = Regular user who used under 20 days in the past 30 days	144	1.22
6 = Experimental user who used 20 or more days in the past 30 days	10	0.08
7 = Regular user who used 20 or more days in the past 30 days	61	0.52
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
4 = Experimental user who used under 25 days in the past 30 days	223	1.89
5 = Regular user who used under 25 days in the past 30 days	164	1.39
6 = Experimental user who used 25 or more days in the past 30 days	2	0.02
7 = Regular user who used 25 or more days in the past 30 days	41	0.35
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

**UMp1\_W3\_Y\_eprodstat\_Exp\_30past30: Youth e-product use status (experimental and regular user) - used at least 30 days in the past 30 days**

<sup>1</sup>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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current experimental user	1,279	10.83
3 = Non-current regular user	181	1.53
4 = Experimental user who used under 30 days in the past 30 days	224	1.90
5 = Regular user who used under 30 days in the past 30 days	177	1.50
6 = Experimental user who used 30 days in the past 30 days	1	0.01
7 = Regular user who used 30 days in the past 30 days	28	0.24
Missing	74	0.63
Total	11,814	100.00

*This variable has 11,714 valid cases out of 11,814 total cases.*

#### **UMp1\_W3\_Y\_eprostat\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,850	83.38
2 = Non-current user	1,450	12.27
3 = Current user	454	3.84
Missing	60	0.51
Total	11,814	100.00

*This variable has 11,754 valid cases out of 11,814 total cases*

#### **UMp1\_W3\_Y\_eprostat\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,386	96.38
2 = Regular non-current user	177	1.50
3 = Regular current user	214	1.81

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

Missing	82	0.31
Total	11,814	100.00

*This variable has 11,732 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
0 = No	0	0.00
1 = Yes	421	3.56
Missing	11,393	96.44
Total	11,814	100.00

*This variable has 421 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
0 = No	373	3.16
1 = Yes	48	0.41
Missing	11,393	96.44
Total	11,814	100.00

*This variable has 421 valid cases out of 11,814 total cases*

**UMp1\_W3\_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.

<sup>1</sup>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<sup>1</sup>

Value	Unweighted frequency	%
0 = No	343	2.90
1 = Yes	78	0.66
Missing	11,393	96.44
Total	11,814	100.00

*This variable has 421 valid cases out of 11,814 total cases.*

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

**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

#### UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
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	210	1.78
6 = Exclusive e-product user for 1 or more days in the past 30 days	290	2.45
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	138	1.17
Missing	98	0.83

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

Total	11,814	100.00
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*This variable has 11,716 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
3 = Exclusive cigarette user under 5 days in the past 30 days	99	0.84
4 = Exclusive e-product user under 5 days in the past 30 days	177	1.50
5 = Exclusive cigarette user for 5 or more days in the past 30 days	111	0.94
6 = Exclusive e-product user for 5 or more days in the past 30 days	113	0.96
7 = Cigarette user under 5 days and e-product user under 5 days in the past 30 days	28	0.24
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	31	0.26
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	29	0.25
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	50	0.42
Missing	98	0.83
Total	11,814	100.00

*This variable has 11,716 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
3 = Exclusive cigarette user under 10 days in the past 30 days	125	1.06

<sup>1</sup>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	213	1.80
5 = Exclusive cigarette user for 10 or more days in the past 30 days	85	0.72
6 = Exclusive e-product user for 10 or more days in the past 30 days	77	0.65
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	43	0.36
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	25	0.21
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	39	0.33
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	31	0.26
Missing	98	0.83
Total	11,814	100.00

*This variable has 11,716 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
3 = Exclusive cigarette user under 15 days in the past 30 days	131	1.11
4 = Exclusive e-product user under 15 days in the past 30 days	232	1.96
5 = Exclusive cigarette user for 15 or more days in the past 30 days	79	0.67
6 = Exclusive e-product user for 15 or more days in the past 30 days	58	0.49
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	56	0.47
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	21	0.18
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	38	0.32
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	23	0.19
Missing	98	0.83
Total	11,814	100.00

*This variable has 11,716 valid cases out of 11,814 total cases.*

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<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
3 = Exclusive cigarette user under 20 days in the past 30 days	143	1.21
4 = Exclusive e-product user under 20 days in the past 30 days	254	2.15
5 = Exclusive cigarette user for 20 or more days in the past 30 days	67	0.57
6 = Exclusive e-product user for 20 or more days in the past 30 days	36	0.30
7 = Cigarette user under 20 days and e-product user under 20 days in the past 30 days	66	0.56
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	20	0.17
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	38	0.32
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	14	0.12
Missing	98	0.83
Total	11,814	100.00

*This variable has 11,716 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
3 = Exclusive cigarette user under 25 days in the past 30 days	155	1.31
4 = Exclusive e-product user under 25 days in the past 30 days	270	2.29
5 = Exclusive cigarette user for 25 or more days in the past 30 days	55	0.47
6 = Exclusive e-product user for 25 or more days in the past 30 days	20	0.17

<sup>1</sup>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	77	0.65
8 = Cigarette user under 25 days and e-product user for 20 or more days in the past 30 days	15	0.13
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	39	0.33
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	7	0.06
Missing	98	0.83
Total	11,814	100.00

*This variable has 11,716 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,585	13.42
3 = Exclusive cigarette user under 30 days in the past 30 days	171	1.45
4 = Exclusive e-product user under 30 days in the past 30 days	277	2.34
5 = Exclusive cigarette user for 30 days in the past 30 days	39	0.33
6 = Exclusive e-product user for 30 days in the past 30 days	13	0.11
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	95	0.80
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	10	0.08
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	28	0.24
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	5	0.04
Missing	98	0.83
Total	11,814	100.00

*This variable has 11,716 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_MultiUse\_RegC\_1past30: Youth cigarette and e-product use status – used at least 1 day in the past 30 days**

<sup>1</sup>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  $\geq 100$  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 respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
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	84	0.71
6 = Exclusive e-product user for 1 or more days in the past 30 days	362	3.06
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	67	0.57
Missing	103	0.87
Total	11,814	100.00

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

**UMp1\_W3\_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  $\geq 100$  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 respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
3 = Exclusive established cigarette user under 5 days in the past 30 days	14	0.12
4 = Exclusive e-product user under 5 days in the past 30 days	213	1.80

<sup>1</sup>Those 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	70	0.59
6 = Exclusive e-product user for 5 or more days in the past 30 days	149	1.26
7 = Established cigarette user under 5 days and e-product user under 5 days in the past 30 days	4	0.03
8 = Established cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	3	0.03
9 = Established cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	18	0.15
10 = Established cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	42	0.36
Missing	103	0.87
Total	11,814	100.00

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
3 = Exclusive established cigarette user under 10 days in the past 30 days	20	0.17
4 = Exclusive e-product user under 10 days in the past 30 days	261	2.21
5 = Exclusive established cigarette user for 10 or more days in the past 30 days	64	0.54
6 = Exclusive e-product user for 10 or more days in the past 30 days	101	0.85
7 = Established cigarette user under 10 days and e-product user under 10 days in the past 30 days	6	0.05
8 = Established cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	6	0.05
9 = Established cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	28	0.24
10 = Established cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	27	0.23
Missing	103	0.87
Total	11,814	100.00

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_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  $\geq$  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 respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
3 = Exclusive established cigarette user under 15 days in the past 30 days	24	0.20
4 = Exclusive e-product user under 15 days in the past 30 days	285	2.41
5 = Exclusive established cigarette user for 15 or more days in the past 30 days	60	0.51
6 = Exclusive e-product user for 15 or more days in the past 30 days	77	0.65
7 = Established cigarette user under 15 days and e-product user under 15 days in the past 30 days	10	0.08
8 = Established cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	5	0.04
9 = Established cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	31	0.26
10 = Established cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	21	0.18
Missing	103	0.87
Total	11,814	100.00

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_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  $\geq$  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 respondents<sup>1</sup>

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
3 = Exclusive established cigarette user under 20 days in the past 30 days	31	0.26
4 = Exclusive e-product user under 20 days in the past 30 days	311	2.63
5 = Exclusive established cigarette user for 20 or more days in the past 30 days	53	0.45
6 = Exclusive e-product user for 20 or more days in the past 30 days	51	0.43
7 = Established cigarette user under 20 days and e-product user under 20 days in the past 30 days	13	0.11
8 = Established cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	6	0.05
9 = Established cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	34	0.29
10 = Established cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	14	0.12
Missing	103	0.87
Total	11,814	100.00

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
3 = Exclusive established cigarette user under 25 days in the past 30 days	42	0.36
4 = Exclusive e-product user under 25 days in the past 30 days	330	2.79
5 = Exclusive established cigarette user for 25 or more days in the past 30 days	42	0.36
6 = Exclusive e-product user for 25 or more days in the past 30 days	32	0.27
7 = Established cigarette user under 25 days and e-product user under 25 days in the past 30 days	20	0.17

<sup>1</sup>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	4	0.03
9 = Established cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	36	0.30
10 = Established cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	7	0.06
Missing	103	0.87
Total	11,814	100.00

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_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  $\geq$  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 respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,391	11.77
3 = Exclusive established cigarette user under 30 days in the past 30 days	53	0.45
4 = Exclusive e-product user under 30 days in the past 30 days	343	2.90
5 = Exclusive established cigarette user for 30 days in the past 30 days	31	0.26
6 = Exclusive e-product user for 30 days in the past 30 days	19	0.16
7 = Established cigarette user under 30 days and e-product user under 30 days in the past 30 days	32	0.27
8 = Established cigarette user under 30 days and e-product user for 30 days in the past 30 days	5	0.04
9 = Established cigarette user for 30 days and e-product user under 30 days in the past 30 days	25	0.21
10 = Established cigarette user for 30 days and e-product user for 30 days in the past 30 days	5	0.04
Missing	103	0.87
Total	11,814	100.00

*This variable has 11,711 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_Y\_MultiUse\_RegCE\_1p30: Youth cigarette smoking and e-product use status – smoked/used at least 1 day in the past 30 days**

<sup>1</sup>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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
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	110	0.93
6 = Exclusive e-product user for 1 or more days in the past 30 days	162	1.37
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	42	0.36
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
3 = Exclusive cigarette user under 5 days in the past 30 days	19	0.16
4 = Exclusive e-product user under 5 days in the past 30 days	51	0.43
5 = Exclusive cigarette user for 5 or more days in the past 30 days	91	0.77
6 = Exclusive e-product user for 5 or more days in the past 30 days	111	0.94

<sup>1</sup>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	2	0.02
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	8	0.07
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	31	0.26
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
3 = Exclusive cigarette user under 10 days in the past 30 days	26	0.22
4 = Exclusive e-product user under 10 days in the past 30 days	77	0.65
5 = Exclusive cigarette user for 10 or more days in the past 30 days	84	0.71
6 = Exclusive e-product user for 10 or more days in the past 30 days	85	0.72
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	3	0.03
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	14	0.12
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	21	0.18
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_MultiUse\_RegCE\_15p30: Youth cigarette and e-product use status – used at least 15 days in the past 30 days**

<sup>1</sup>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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
3 = Exclusive cigarette user under 15 days in the past 30 days	30	0.25
4 = Exclusive e-product user under 15 days in the past 30 days	94	0.80
5 = Exclusive cigarette user for 15 or more days in the past 30 days	80	0.68
6 = Exclusive e-product user for 15 or more days in the past 30 days	68	0.58
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	7	0.06
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	3	0.03
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	15	0.13
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	17	0.14
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

### **UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
3 = Exclusive cigarette user under 20 days in the past 30 days	40	0.34
4 = Exclusive e-product user under 20 days in the past 30 days	117	0.99
5 = Exclusive cigarette user for 20 or more days in the past 30 days	70	0.59
6 = Exclusive e-product user for 20 or more days in the past 30 days	45	0.38

<sup>1</sup>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	7	0.06
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	4	0.03
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	19	0.16
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	12	0.10
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
3 = Exclusive cigarette user under 25 days in the past 30 days	51	0.43
4 = Exclusive e-product user under 25 days in the past 30 days	131	1.11
5 = Exclusive cigarette user for 25 or more days in the past 30 days	59	0.50
6 = Exclusive e-product user for 25 or more days in the past 30 days	31	0.26
7 = Cigarette user under 25 days and e-product user under 25 days in the past 30 days	12	0.10
8 = Cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	3	0.03
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	20	0.17
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	7	0.06
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

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**UMp1\_W3\_Y\_MultiUse\_RegCE\_30p30: Youth cigarette and e-product use status – used every day in the past 30 days**

<sup>1</sup>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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	182	1.54
3 = Exclusive cigarette user under 30 days in the past 30 days	68	0.58
4 = Exclusive e-product user under 30 days in the past 30 days	143	1.21
5 = Exclusive cigarette user for 30 days in the past 30 days	42	0.36
6 = Exclusive e-product user for 30 days in the past 30 days	19	0.16
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	18	0.15
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	4	0.03
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	15	0.13
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	5	0.04
Missing	73	0.62
Total	11,814	100.00

*This variable has 11,741 valid cases out of 11,814 total cases.*

#### **UMp1\_W3\_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<sup>1</sup>

Value	Unweighted frequency	%
1 = Never user	9,493	80.35
2 = Non-current user	1,573	13.31
3 = Exclusive cigarette user in the past 30 days	214	1.81
4 = Exclusive e-product user in the past 30 days	305	2.58
5 = Dual user in the past 30 days	149	1.26
Missing	80	0.68
Total	11,814	100.00

*This variable has 11,734 valid cases out of 11,814 total cases*

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”

**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes) and/or ever e-product users.

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user*	9,807	83.01
2 = Non-current user	1,379	11.67
3 = Exclusive cigarette user in the past 30 days	86	0.73
4 = Exclusive e-product user in the past 30 days	382	3.23
5 = Dual user in the past 30 days	71	0.60
Missing	89	0.75
Total	11,814	100.00

*This variable has 11,725 valid cases out of 11,814 total cases. \* Never established cigarette and never e-product user.*

**UMp1\_W3\_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  $\geq 100$  cigarettes in their lifetimes/fairly regular use of e-products).

**Numerator:** Number of respondents who are [VALUE]

**Denominator:** Total number of respondents<sup>1</sup>

Value	Unweighted frequency	%
1 = Never regular user	11,245	95.18
2 = Non-current user	178	1.51
3 = Exclusive cigarette user in the past 30 days	112	0.95
4 = Exclusive e-product user in the past 30 days	168	1.42
5 = Dual user in the past 30 days	45	0.38
Missing	66	0.56
Total	11,814	100.00

*This variable has 11,748 valid cases out of 11,814 total cases.*

<sup>1</sup>Those responses that are “not valid” are described for each indicator under “missing values.”