

## 1. Tobacco Use Variables for PATH Adult 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\_A\_NVR\_CIGS: Adults never smoker

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

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

**Denominator:** Total number

Value	Unweighted frequency	%
0 = No	20,844	74.19
1 = Yes	7,247	25.75
Missing	17	0.06
Total	28,148	100.00

of respondents<sup>1</sup>

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

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

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### UMp1\_W3\_A\_100cigs: Established cigarette smoker

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

**Numerator:** Number of respondents who have smoked  $\geq 100$  cigarettes in their lifetimes.

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

Value	Unweighted frequency	%
0 = No	13,732	48.78
1 = Yes	14,355	51.00
Missing	61	0.22
Total	28,148	100.00

*This variable has 28,087 valid cases out of 28,148 total cases.*

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

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### UMp1\_W3\_A\_cigs\_30day: In the past 30 days, number of days smoked cigarettes

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

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

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

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

- Mean: 8.66
- Median: 0.00
- Mode: 0
- Minimum: 0
- Maximum: 30
- Standard deviation: 13.18
- Never smoked or did not smoke in the past 30 days: 18,482
- Missing: 29

*This variable has 28,119 valid cases out of 28,146 total cases*

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**UMp1\_W3\_A\_smkstat\_1past30: Adult cigarette smoking status – smoked at least 1 day in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86
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	9,637	34.24
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_5past30: Adult cigarette smoking status – smoked at least 5 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86

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

3 = User who smoked under 5 days in the past 30 days	749	2.66
4 = User who smoked 5 or more days in the past 30 days	8,888	31.57
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_10past30: Adult cigarette smoking status – smoked at least 10 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86
3 = User who smoked under 10 days in the past 30 days	1,215	4.32
4 = User who smoked 10 or more days in the past 30 days	8,422	29.92
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_15past30: Adult cigarette smoking status – smoked at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86
3 = User who smoked under 15 days in the past 30 days	1,526	5.42
4 = User who smoked 15 or more days in the past 30 days	8,111	28.81
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_20past30: Adult 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	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86
3 = User who smoked under 20 days in the past 30 days	1,800	6.39
4 = User who smoked 20 or more days in the past 30 days	7,837	27.84
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_25past30: Adult cigarette smoking status – smoked at least 25 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86
3 = User who smoked under 25 days in the past 30 days	2,093	7.43
4 = User who smoked 25 or more days in the past 30 days	7,544	26.80
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_30past30: Adult cigarette smoking status – smoked at least 30 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who did not smoke in the past 30 days	11,221	39.86

<sup>1</sup>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	2,281	8.10
4 = User who smoked 30 days in the past 30 days	7,356	26.13
Missing	43	0.15
Total	28,148	100.00

*This variable has 28,105 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_Reg\_1past30: Adult cigarette smoking status – smoked at least 1 day in the past 30 days**

**Description:** Current use status (smoked cigarettes on at least 1 day in the past 30 days) among all respondents who are established smokers (smoked ≥ 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	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
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	8,907	31.64
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_Reg\_5past30: Adult cigarette smoking status – smoked at least 5 days in the past 30 days**

**Description:** Current use status (smoked cigarettes on at least 5 days in the past 30 days) among all respondents who are established smokers (smoked ≥ 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	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
3 = Established user who smoked under 5 days in the past 30 days	465	1.65
4 = Established user who smoked 5 or more days in the past 30 days	8,442	29.99
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 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\_A\_smkstat\_Reg\_10past30: Adult cigarette smoking status – smoked at least 10 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never established user	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
3 = Established user who smoked under 10 days in the past 30 days	812	2.88
4 = Established user who smoked 10 or more days in the past 30 days	8,095	28.76
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Reg\_15past30: Adult cigarette smoking status – smoked at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never established user	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
3 = Established user who smoked under 15 days in the past 30 days	1,055	3.75
4 = Established user who smoked 15 or more days in the past 30 days	7,852	27.89
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Reg\_20past30: Adult 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 on at least 20 days in the past 30 days) among all respondents who are established smokers (smoked  $\geq$  100 cigarettes in their lifetimes).

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

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

Value	Unweighted frequency	%
1 = Never established user	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
3 = Established user who smoked under 20 days in the past 30 days	1,300	4.62
4 = Established user who smoked 20 or more days in the past 30 days	7,607	27.02
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Reg\_25past30: Adult cigarette smoking status – smoked at least 25 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never established user	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
3 = Established user who smoked under 25 days in the past 30 days	1,568	5.57
4 = Established user who smoked 25 or more days in the past 30 days	7,339	26.07
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Reg\_30past30: Adult cigarette smoking status – smoked every day in the past 30 days**

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

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

**Denominator:** Total number of 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 established user	13,732	48.78
2 = Established user who did not smoke in the past 30 days	5,431	19.29
3 = Established user who smoked under 30 days in the past 30 days	1,751	6.22
4 = Established user who smoked 30 days in the past 30 days	7,156	25.42
Missing	78	0.27
Total	28,148	100.00

*This variable has 28,070 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_Exp\_1past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 1 day in the past 30 days**

**Description:** Current use status (smoked cigarettes at least 1 day in the past 30 days) among all respondents who are established (smoked  $\geq 100$  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	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
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	721	2.56
7 = Established user who smoked 1 or more days in the past 30 days	8,907	31.64
Missing	84	0.30
Total	28,148	100.00

*This variable has 28,064 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_Exp\_5past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 5 days in the past 30 days**

**Description:** Current use status (smoked cigarettes at least 5 days in the past 30 days) among all respondents who are established (smoked  $\geq 100$  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	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
4 = Experimental user who smoked under 5 days in the past 30 days	279	0.99
5 = Established user who smoked under 5 days in the past 30 days	465	1.65
6 = Experimental user who smoked 5 or more days in the past 30 days	442	1.57
7 = Established user who smoked 5 or more days in the past 30 days	8,442	29.99
Missing	84	0.30
Total	28,148	100.00

*This variable has 28,064 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Exp\_10past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 10 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
4 = Experimental user who smoked under 10 days in the past 30 days	398	1.41
5 = Established user who smoked under 10 days in the past 30 days	812	2.88
6 = Experimental user who smoked 10 or more days in the past 30 days	323	1.15
7 = Established user who smoked 10 or more days in the past 30 days	8,095	28.76
Missing	84	0.30
Total	28,148	100.00

*This variable has 28,064 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Exp\_15past30: Adult 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	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
4 = Experimental user who smoked under 15 days in the past 30 days	466	1.65
5 = Established user who smoked under 15 days in the past 30 days	1,055	3.75
6 = Experimental user who smoked 15 or more days in the past 30 days	255	0.90
7 = Established user who smoked 15 or more days in the past 30 days	7,852	27.89
Missing	84	0.30
Total	28,148	100.00

*This variable has 28,064 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Exp\_20past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 20 days in the past 30 days**

**Description:** Current use status (smoked cigarettes at least 20 days in the past 30 days) among all respondents who are established (smoked  $\geq 100$  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	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
4 = Experimental user who smoked under 20 days in the past 30 days	494	1.75
5 = Established user who smoked under 20 days in the past 30 days	1,300	4.62
6 = Experimental user who smoked 20 or more days in the past 30 days	227	0.81
7 = Established user who smoked 20 or more days in the past 30 days	7,607	27.02
Missing	84	0.30
Total	28,148	100.00

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

*This variable has 28,064 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Exp\_25past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 25 days in the past 30 days**

**Description:** Current use status (smoked cigarettes at least 25 days in the past 30 days) among all respondents who are established (smoked  $\geq 100$  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	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
4 = Experimental user who smoked under 25 days in the past 30 days	518	1.84
5 = Established user who smoked under 25 days in the past 30 days	1,568	5.57
6 = Experimental user who smoked 25 or more days in the past 30 days	203	0.72
7 = Established user who smoked 25 or more days in the past 30 days	7,339	26.07
Missing	84	0.30
Total	28,148	100.00

*This variable has 28,064 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Exp\_30past30: Adult cigarette smoking status (experimental and established smoker) - smoked at least 30 days in the past 30 days**

**Description:** Current use status (smoked cigarettes at least 30 days in the past 30 days) among all respondents who are established (smoked  $\geq 100$  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	7,247	25.75
2 = Non-current experimental user	5,758	20.46
3 = Non-current established user	5,431	19.29
4 = Experimental user who smoked under 30 days in the past 30 days	523	1.86

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

5 = Established user who smoked under 30 days in the past 30 days	1,751	6.22
6 = Experimental user who smoked 30 days in the past 30 days	198	0.70
7 = Established user who smoked 30 days in the past 30 days	7,156	25.42
Missing	84	0.30
Total	28,148	100.00

*This variable has 28,064 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_everysome: Adult cigarette smoking status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	7,247	25.75
2 = User who now smokes “not at all”	11,053	39.27
3 = User who smokes some days	2,611	9.27
4 = User who smokes every day	7,206	25.60
Missing	31	0.11
Total	28,148	100.00

*This variable has 28,117 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_Reg\_everysome: Adult cigarette smoking status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never established user	13,732	48.78
2 = Established user who now smokes “not at all”	5,335	18.95
3 = Established user who smokes some days	1,999	7.10
4 = Established user who smokes every day	7,014	24.92
Missing	68	0.24
Total	28,148	100.00

*This variable has 28,080 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_smkstat\_P30D: Adult Cigarette Smoking Status - Past 30-day use**

**Description:** Current cigarette use status among all respondents.

<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 user	7,247	25.75
2 = Non-current user	10,150	36.06
3 = Current user	10,731	38.12
Missing	20	0.07
Total	28,148	100.00

*This variable has 28,128 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_smkstat\_Reg\_P30D: Adult established cigarette-smoking status - Past 30-day use**

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

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

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

Value	Unweighted frequency	%
1 = Never established user	13,732	48.78
2 = Established non-current user	4,851	17.23
3 = Established current user	9,503	33.76
Missing	62	0.22
Total	28,148	100.00

*This variable has 28,291 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_cig\_Menthol: Regular / last brand of cigarettes smoked flavored to taste like menthol or mint**

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

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

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

Value	Unweighted frequency	%
0 = No	6,605	23.46
1 = Yes	4,649	16.52
Missing	16,894	60.01
Total	28,148	100.00

*This variable has 11,254 valid cases out of 28,148 total cases.*

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

## 2. E-products use variables for PATH Adult 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.

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### UMp1\_W3\_A\_NVR\_EPRODS: Adult never e-product user

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

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

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

Value	Unweighted frequency	%
0 = No	13,335	47.37
1 = Yes	14,795	52.56
Missing	18	0.06
Total	28,148	100.00

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

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### UMp1\_W3\_A\_eprods\_reg: Adult regular e-product user

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

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

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

Value	Unweighted frequency	%
0 = No	23,948	85.08
1 = Yes	3,994	14.19
Missing	206	0.73
Total	28,148	100.00

*This variable has 27,942 valid cases out of 28,148 total cases.*

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### UMp1\_W3\_A\_eprods\_30day: In the past 30 days, number of days used e-products

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

**Numerator:** Respondents who have used an e-product and have used e-products in the past 30 days

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

- Mean: 1.29
- Median: 0.00
- Mode: 0

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

- Minimum: 0
- Maximum: 30
- Standard deviation: 5.63
- Never used or did not use in the past 30 days: 25,852
- Missing: 54

*This variable has 28,092 valid cases out of 28,146 total cases*

**UMp1\_W3\_A\_eprostat\_1past30: Adult e-products use status – used at least 1 day in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23
3 = User who used under 1 day in the past 30 days	0	0.00
4 = User who used 1 or more days in the past 30 days	2,240	7.96
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,078 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprostat\_5past30: Adult e-products use status – used at least 5 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23
3 = User who used under 5 days in the past 30 days	658	2.34
4 = User who used 5 or more days in the past 30 days	1582	5.62
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,078 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprostat\_10past30: Adult e-products use status – 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 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	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23
3 = User who used under 10 days in the past 30 days	937	3.33
4 = User who used 10 or more days in the past 30 days	1,303	4.63
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,786 valid cases out of 28,148 total cases.*

---

**UMp1\_W3\_A\_eprodstat\_15past30: Adult e-products use status – used at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23
3 = User who used under 15 days in the past 30 days	1,094	3.89
4 = User who used 15 or more days in the past 30 days	1,146	4.07
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,078 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_eprodstat\_20past30: Adult e-products use status – used at least 20 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23

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



3 = User who used under 20 days in the past 30 days	1,202	4.27
4 = User who used 20 or more days in the past 30 days	1,038	3.69
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,078 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_25past30: Adult e-products use status – used at least 25 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23
3 = User who used under 25 days in the past 30 days	1,286	4.57
4 = User who used 25 or more days in the past 30 days	954	3.39
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,078 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_30past30: Adult e-products use status – used at least 30 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User who did not use in the past 30 days	11,043	39.23
3 = User who used under 30 days in the past 30 days	1,330	4.72
4 = User who used 30 days in the past 30 days	910	3.23
Missing	70	0.25
Total	28,148	100.00

*This variable has 28,078 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_1past30: Adult e-products 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 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	23,948	85.08
2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 1 day in the past 30 days	0	0.00
4 = Regular user who used 1 or more days in the past 30 days	1,572	5.58
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,926 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_5past30: Adult e-products use status – used at least 5 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08
2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 5 days in the past 30 days	270	0.96
4 = Regular user who used 5 or more days in the past 30 days	1,302	4.63
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,926 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_10past30: Adult e-products use status – used at least 10 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08

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

2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 10 days in the past 30 days	439	1.56
4 = Regular user who used 10 or more days in the past 30 days	1,133	4.03
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,926 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_15past30: Adult e-products use status – used at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08
2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 15 days in the past 30 days	546	1.94
4 = Regular user who used 15 or more days in the past 30 days	1,026	3.65
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,926 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_20past30: Adult e-products use status – used at least 20 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08
2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 20 days in the past 30 days	638	2.27
4 = Regular user who used 20 or more days in the past 30 days	934	3.32
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,926 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_25past30: Adult e-products use status – used at least 25 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 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	23,948	85.08
2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 25 days in the past 30 days	706	2.51
4 = Regular user who used 25 or more days in the past 30 days	866	3.08
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,926 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprostat\_Reg\_30past30: Adult e-products use status – used every day in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08
2 = Regular user who did not use in the past 30 days	2,406	8.55
3 = Regular user who used under 30 days in the past 30 days	743	2.64
4 = Regular user who used 30 days in the past 30 days	829	2.95
Missing	222	0.79
Total	28,148	100.00

*This variable has 27,682 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprostat\_Exp\_1past30: Adult e-products use status (experimental and regular user) - used at least 1 day in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55

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

4 = Experimental user who used under 1 day in the past 30 days	0	0.00
5 = Regular user who used under 1 day in the past 30 days	0	0.00
6 = Experimental user who used 1 or more days in the past 30 days	665	2.36
7 = Regular user who used 1 or more days in the past 30 days	1,572	5.58
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Exp\_5past30: Adult e-products use status (experimental and regular user) - used at least 5 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55
4 = Experimental user who used under 5 days in the past 30 days	387	1.37
5 = Regular user who used under 5 days in the past 30 days	270	0.96
6 = Experimental user who used 5 or more days in the past 30 days	278	0.99
7 = Regular user who used 5 or more days in the past 30 days	1,302	4.63
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

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

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55
4 = Experimental user who used under 10 days in the past 30 days	497	1.77
5 = Regular user who used under 10 days in the past 30 days	439	1.56

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

6 = Experimental user who used 10 or more days in the past 30 days	168	0.60
7 = Regular user who used 10 or more days in the past 30 days	1,133	4.03
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_eprodstat\_Exp\_15past30: Adult e-products use status (experimental and regular user) - used at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55
4 = Experimental user who used under 15 days in the past 30 days	547	1.94
5 = Regular user who used under 15 days in the past 30 days	546	1.94
6 = Experimental user who used 15 or more days in the past 30 days	118	0.42
7 = Regular user who used 15 or more days in the past 30 days	1,026	3.65
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

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

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55
4 = Experimental user who used under 20 days in the past 30 days	563	2.00

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

5 = Regular user who used under 20 days in the past 30 days	638	2.27
6 = Experimental user who used 20 or more days in the past 30 days	102	0.36
7 = Regular user who used 20 or more days in the past 30 days	934	3.32
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

---

**UMp1\_W3\_A\_eprodstat\_Exp\_25past30: Adult e-products use status (experimental and regular user) - used at least 25 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55
4 = Experimental user who used under 25 days in the past 30 days	577	2.05
5 = Regular user who used under 25 days in the past 30 days	706	2.51
6 = Experimental user who used 25 or more days in the past 30 days	88	0.31
7 = Regular user who used 25 or more days in the past 30 days	866	3.08
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

---

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

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = Non-current experimental user	8,471	30.09
3 = Non-current regular user	2,406	8.55
4 = Experimental user who used under 30 days in the past 30 days	584	2.07

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

5 = Regular user who used under 30 days in the past 30 days	743	2.64
6 = Experimental user who used 30 days in the past 30 days	81	0.29
7 = Regular user who used 30 days in the past 30 days	829	2.95
Missing	239	0.85
Total	28,148	100.00

*This variable has 27,909 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_everysome: Adult e-products use status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	14,795	52.56
2 = User that now uses “not at all”	10,618	37.72
3 = User that uses some days	1,814	6.44
4 = User that uses every	857	3.04
Missing	64	0.23
Total	28,148	100.00

*This variable has 28,084 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_Reg\_everysome: Adult e-products use status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08
2 = Regular user that now uses “not at all”	2,255	8.01
3 = Regular user that uses some days	948	3.37
4 = Regular user that uses every day	789	2.80
Missing	208	0.74
Total	28,148	100.00

*This variable has 27,940 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_eprodstat\_P30D: Adult e-products use status - Past 30-day use**

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

<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 user	14,795	52.56
2 = Non-current user	9,528	33.85
3 = Current user	3,793	13.47
Missing	32	0.11
Total	28,148	100.00

*This variable has 28,116 valid cases out of 28,148 total cases.*

---

**UMp1\_W3\_A\_eprostat\_Reg\_P30D: Adult regular e-products use status - Past 30-day use**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	23,948	85.08
2 = Regular non-current user	2,001	7.11
3 = Regular current user	1,992	7.08
Missing	207	0.74
Total	28,148	100.00

*This variable has 27,941 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_eprod\_AnyFlvr: Regular / last brand of e-products used was flavored**

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

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

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

Value	Unweighted frequency	%
1 = Yes	4,676	5.88
Missing	23,472	91.83
Total	28,148	100.00

*This variable has 4,676 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_eprod\_Menthol: Regular / last brand of e-products used was flavored to taste like menthol**

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

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

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

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

Value	Unweighted frequency	%
0 = No	3,684	13.1
1 = Yes	992	3.5
Missing	26,691	83.39
Total	28,148	100.00

*This variable has 4,676 valid cases out of 28,148 total cases.*

### 3. Cigarette and E-products Dual Use Variables for PATH Adult 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\_A\_MultiUse\_1past30: Adult cigarette and e-products use status – used at least 1 day in the past 30 days

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 1 day in the past 30 days	0	0.00
4 = Exclusive e-product user under 1 day in the past 30 days	0	0.00
5 = Exclusive cigarette user for 1 or more days in the past 30 days	8,257	29.33
6 = Exclusive e-product user for 1 or more days in the past 30 days	896	3.18
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

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

10 = Cigarette user for 1 or more days and e-product user for 1 or more days in the past 30 days	1,341	4.76
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_MultiUse\_5past30: Adult cigarette and e-products use status – used at least 5 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 5 day in the past 30 days	584	2.07
4 = Exclusive e-product user under 5 days in the past 30 days	218	0.77
5 = Exclusive cigarette user for 5 or more days in the past 30 days	7,673	27.26
6 = Exclusive e-product user for 5 or more days in the past 30 days	678	2.41
7 = Cigarette user under 5 days and e-product user under 5 days in the past 30 days	52	0.18
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	108	0.38
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	386	1.37
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	795	2.82
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_MultiUse\_10past30: Adult cigarette and e-products use status – used at least 10 days in the past 30 days**

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

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

**Denominator:** Total number of 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 user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 10 days in the past 30 days	944	3.35
4 = Exclusive e-product user under 10 days in the past 30 days	300	1.06
5 = Exclusive cigarette user for 10 or more days in the past 30 days	7,313	25.98
6 = Exclusive e-product user for 10 or more days in the past 30 days	596	2.12
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	106	0.38
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	157	0.56
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	529	1.88
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	549	1.95
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_15past30: Adult cigarette and e-products use status – used at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 15 days in the past 30 days	1,185	3.35
4 = Exclusive e-product user under 15 days in the past 30 days	343	4.21
5 = Exclusive cigarette user for 15 or more days in the past 30 days	7,072	25.12
6 = Exclusive e-product user for 15 or more days in the past 30 days	553	1.96
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	145	0.51
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	184	0.65
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	604	2.14
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	408	1.45
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

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

**UMp1\_W3\_A\_MultiUse\_20past30: Adult cigarette and e-products use status – used at least 20 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 20 days in the past 30 days	1,397	4.96
4 = Exclusive e-product user under 20 days in the past 30 days	382	1.36
5 = Exclusive cigarette user for 20 or more days in the past 30 days	6,860	24.37
6 = Exclusive e-product user for 20 or more days in the past 30 days	514	1.82
7 = Cigarette user under 20 days and e-product user under 20 days in the past 30 days	188	0.67
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	202	0.72
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	630	2.24
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	321	1.14
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_MultiUse\_25past30: Adult cigarette and e-products use status – used at least 25 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 25 days in the past 30 days	1,638	5.82
4 = Exclusive e-product user under 25 days in the past 30 days	414	1.47
5 = Exclusive cigarette user for 25 or more days in the past 30 days	6,619	23.51
6 = Exclusive e-product user for 25 or more days in the past 30 days	482	1.71

<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	228	0.81
8 = Cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	213	0.76
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	641	2.28
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	259	0.92
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_30past30: Adult cigarette and e-products use status – used at least 30 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,487	40.81
3 = Exclusive cigarette user under 30 days in the past 30 days	1,780	6.32
4 = Exclusive e-product user under 30 days in the past 30 days	430	1.53
5 = Exclusive cigarette user for 30 days in the past 30 days	6,477	23.01
6 = Exclusive e-product user for 30 days in the past 30 days	466	1.65
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	266	0.94
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	220	0.78
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	631	2.24
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	224	0.79
Missing	107	0.38
Total	28,148	100.00

*This variable has 28,041 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_RegC\_1past30: Adult cigarette and e-products 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 ≥ 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*	9,688	34.42
2 = Non-current user	8,401	29.84
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	7,684	27.30
6 = Exclusive e-product user for 1 or more days in the past 30 days	1,039	3.69
7 = Established cigarette user under 1 day and e-product user under 1 day in the past 30 days	0	0.00
8 = Established cigarette user under 1 day and e-product user for 1 or more days in the past 30 days	0	0.00
9 = Established cigarette user for 1 or more days and e-product user under 1 day in the past 30 days	0	0.00
10 = Established cigarette user for 1 or more days and e-product user for 1 or more days in the past 30 days	1,195	4.24
Missing	141	0.50
Total	28,148	100.00

*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_A\_MultiUse\_RegC\_5past30: Adult cigarette and e-products use status – used at least 5 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user*	9,688	34.42
2 = Non-current user	8,401	29.84
3 = Exclusive established cigarette user under 5 days in the past 30 days	361	1.28
4 = Exclusive e-product user under 5 days in the past 30 days	278	0.99

<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	7,323	26.02
6 = Exclusive e-product user for 5 or more days in the past 30 days	761	2.70
7 = Established cigarette user under 5 days and e-product user under 5 days in the past 30 days	22	.07
8 = Established cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	80	0.28
9 = Established cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	354	1.26
10 = Established cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	739	2.62
Missing	141	0.50
Total	28,148	100.00

*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_A\_MultiUse\_RegC\_10past30: Adult cigarette and e-products use status – used at least 10 days in the past 30 days**

**Description:** Current use status (used cigarettes/e-products at least 10 days in the past 30 days) among all respondents who are established smokers (smoked  $\geq 100$  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*	9,688	34.42
2 = Non-current user	8,401	29.84
3 = Exclusive established cigarette user under 10 days in the past 30 days	625	2.22
4 = Exclusive e-product user under 10 days in the past 30 days	377	1.33
5 = Exclusive established cigarette user for 10 or more days in the past 30 days	7,059	25.08
6 = Exclusive e-product user for 10 or more days in the past 30 days	662	2.35
7 = Established cigarette user under 10 days and e-product user under 10 days in the past 30 days	59	0.20
8 = Established cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	124	0.44
9 = Established cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	497	1.76
10 = Established cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	515	1.83
Missing	141	0.50
Total	28,148	100.00

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



*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_A\_MultiUse\_RegC\_15past30: Adult cigarette and e-products use status – used at least 15 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user*	9,688	34.42
2 = Non-current user	8,401	29.84
3 = Exclusive established cigarette user under 15 days in the past 30 days	815	2.89
4 = Exclusive e-product user under 15 days in the past 30 days	429	1.52
5 = Exclusive established cigarette user for 15 or more days in the past 30 days	6,869	24.40
6 = Exclusive e-product user for 15 or more days in the past 30 days	610	2.17
7 = Established cigarette user under 15 days and e-product user under 15 days in the past 30 days	86	0.30
8 = Established cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	149	0.53
9 = Established cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	575	2.04
10 = Established cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	385	1.37
Missing	141	0.50
Total	28,148	100.00

*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_A\_MultiUse\_RegC\_20past30: Adult cigarette and e-products use status – used at least 20 days in the past 30 days**

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

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

**Denominator:** Total number of 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*	9,688	34.42
2 = Non-current user	8,401	29.84
3 = Exclusive established cigarette user under 20 days in the past 30 days	1,011	3.59
4 = Exclusive e-product user under 20 days in the past 30 days	472	1.68
5 = Exclusive established cigarette user for 20 or more days in the past 30 days	6,673	23.71
6 = Exclusive e-product user for 20 or more days in the past 30 days	567	2.01
7 = Established cigarette user under 20 days and e-product user under 20 days in the past 30 days	118	0.42
8 = Established cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	165	0.59
9 = Established cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	608	2.16
10 = Established cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	304	1.08
Missing	141	0.50
Total	28,148	100.00

*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_A\_MultiUse\_RegC\_25past30: Adult cigarette and e-products use status – used at least 25 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user*	9,688	34.42
2 = Non-current user	8,401	29.84
3 = Exclusive established cigarette user under 25 days in the past 30 days	1,233	4.38
4 = Exclusive e-product user under 25 days in the past 30 days	514	1.83
5 = Exclusive established cigarette user for 25 or more days in the past 30 days	6,451	22.92
6 = Exclusive e-product user for 25 or more days in the past 30 days	525	1.86
7 = Established cigarette user under 25 days and e-product user under 25 days in the past 30 days	146	0.52

<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	182	0.65
9 = Established cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	622	2.21
10 = Established cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	245	0.87
Missing	141	0.50
Total	28,148	100.00

*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

**UMp1\_W3\_A\_MultiUse\_RegC\_30past30: Adult cigarette and e-products use status – used at least 30 days in the past 30 days**

**Description:** Current use status (used cigarettes/e-products 30 days in the past 30 days) among all respondents who are established smokers (smoked ≥ 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*	9,688	34.42
2 = Non-current user	8,401	29.84
3 = Exclusive established cigarette user under 30 days in the past 30 days	1,372	4.87
4 = Exclusive e-product user under 30 days in the past 30 days	534	1.89
5 = Exclusive established cigarette user for 30 days in the past 30 days	6,312	22.42
6 = Exclusive e-product user for 30 days in the past 30 days	505	1.79
7 = Established cigarette user under 30 days and e-product user under 30 days in the past 30 days	179	0.63
8 = Established cigarette user under 30 days and e-product user for 30 days in the past 30 days	192	0.68
9 = Established cigarette user for 30 days and e-product user under 30 days in the past 30 days	613	2.18
10 = Established cigarette user for 30 days and e-product user for 30 days in the past 30 days	211	0.75
Missing	141	0.50
Total	28,148	100.00

*This variable has 28,007 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

**UMp1\_W3\_A\_MultiUse\_RegCE\_1p30: Adult cigarette smoking and e-products 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 (smoked cigarettes/e-products on 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	13,027	46.28
2 = Non-current user	5,267	18.71
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	7,992	28.39
6 = Exclusive e-product user for 1 or more days in the past 30 days	752	2.67
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	816	2.90
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

#### **UMp1\_W3\_A\_MultiUse\_RegCE\_5p30: Adult cigarette smoking and e-products use status – used at least 5 days in the past 30 days**

**Description:** Current use status (used cigarettes/e-products at least 5 days in the past 30 days) among all respondents who are established/regular users (smoked  $\geq 100$  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	13,027	46.28
2 = Non-current user	5,267	18.71
3 = Exclusive cigarette user under 5 days in the past 30 days	381	1.35
4 = Exclusive e-product user under 5 days in the past 30 days	100	0.36
5 = Exclusive cigarette user for 5 or more days in the past 30 days	7,611	27.04
6 = Exclusive e-product user for 5 or more days in the past 30 days	652	2.32

<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	8	0.03
8 = Cigarette user under 5 days and e-product user for 5 or more days in the past 30 days	70	0.25
9 = Cigarette user for 5 or more days and e-product user under 5 days in the past 30 days	159	0.56
10 = Cigarette user for 5 or more days and e-product user for 5 or more days in the past 30 days	579	2.06
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_RegCE\_10p30: Adult cigarette and e-products use status – used at least 10 days in the past 30 days**

**Description:** Current use status (used cigarettes/e-products at least 10 days in the past 30 days) among all respondents who are established/regular users (smoked  $\geq 100$  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	13,027	46.28
2 = Non-current user	5,267	18.71
3 = Exclusive cigarette user under 10 days in the past 30 days	658	2.31
4 = Exclusive e-product user under 10 days in the past 30 days	155	0.55
5 = Exclusive cigarette user for 10 or more days in the past 30 days	7,334	25.89
6 = Exclusive e-product user for 10 or more days in the past 30 days	597	2.12
7 = Cigarette user under 10 days and e-product user under 10 days in the past 30 days	29	0.10
8 = Cigarette user under 10 days and e-product user for 10 or more days in the past 30 days	114	0.41
9 = Cigarette user for 10 or more days and e-product user under 10 days in the past 30 days	252	0.90
10 = Cigarette user for 10 or more days and e-product user for 10 or more days in the past 30 days	421	1.50
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_RegCE\_15p30: Adult cigarette and e-products 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	13,027	46.28
2 = Non-current user	5,267	18.71
3 = Exclusive cigarette user under 15 days in the past 30 days	863	3.07
4 = Exclusive e-product user under 15 days in the past 30 days	188	0.67
5 = Exclusive cigarette user for 15 or more days in the past 30 days	7,129	25.33
6 = Exclusive e-product user for 15 or more days in the past 30 days	564	2.00
7 = Cigarette user under 15 days and e-product user under 15 days in the past 30 days	40	0.14
8 = Cigarette user under 15 days and e-product user for 15 or more days in the past 30 days	139	0.49
9 = Cigarette user for 15 or more days and e-product user under 15 days in the past 30 days	315	1.12
10 = Cigarette user for 15 or more days and e-product user for 15 or more days in the past 30 days	322	1.14
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

#### **UMp1\_W3\_A\_MultiUse\_RegCE\_20p30: Adult cigarette and e-products use status – used at least 20 days in the past 30 days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	13,027	46.28
2 = Non-current user	5,267	18.71
3 = Exclusive cigarette user under 20 days in the past 30 days	1,065	3.78
4 = Exclusive e-product user under 20 days in the past 30 days	225	0.80
5 = Exclusive cigarette user for 20 or more days in the past 30 days	6,927	24.61
6 = Exclusive e-product user for 20 or more days in the past 30 days	527	1.87

<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	65	0.23
8 = Cigarette user under 20 days and e-product user for 20 or more days in the past 30 days	154	0.55
9 = Cigarette user for 20 or more days and e-product user under 20 days in the past 30 days	345	1.23
10 = Cigarette user for 20 or more days and e-product user for 20 or more days in the past 30 days	252	0.90
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_RegCE\_25p30: Adult cigarette and e-products use status – used at least 25 days in the past 30 days**

**Description:** Current use status (used cigarettes/e-products at least 25 days in the past 30 days) among all respondents who are established/regular users (smoked  $\geq 100$  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	13,027	46.28
2 = Non-current user	5,267	18.71
3 = Exclusive cigarette user under 25 days in the past 30 days	1,295	4.60
4 = Exclusive e-product user under 25 days in the past 30 days	261	0.93
5 = Exclusive cigarette user for 25 or more days in the past 30 days	6,697	23.79
6 = Exclusive e-product user for 25 or more days in the past 30 days	491	1.74
7 = Cigarette user under 25 days and e-product user under 25 days in the past 30 days	84	0.30
8 = Cigarette user under 25 days and e-product user for 25 or more days in the past 30 days	171	0.61
9 = Cigarette user for 25 or more days and e-product user under 25 days in the past 30 days	358	1.27
10 = Cigarette user for 25 or more days and e-product user for 25 or more days in the past 30 days	203	0.72
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

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**UMp1\_W3\_A\_MultiUse\_RegCE\_30p30: Adult cigarette and e-products 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	13,027	46.28
2 = Non-current user	5,267	18.71
3 = Exclusive cigarette user under 30 days in the past 30 days	1,444	5.13
4 = Exclusive e-product user under 30 days in the past 30 days	277	0.98
5 = Exclusive cigarette user for 30 days in the past 30 days	6,548	23.26
6 = Exclusive e-product user for 30 days in the past 30 days	475	1.69
7 = Cigarette user under 30 days and e-product user under 30 days in the past 30 days	111	0.39
8 = Cigarette user under 30 days and e-product user for 30 days in the past 30 days	178	0.63
9 = Cigarette user for 30 days and e-product user under 30 days in the past 30 days	352	1.25
10 = Cigarette user for 30 days and e-product user for 30 days in the past 30 days	175	0.62
Missing	294	1.04
Total	28,148	100.00

*This variable has 27,854 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_MultiUse\_everysome: Adult cigarette smoking and e-products use status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	11,238	39.92
3 = Exclusive cigarette user for some days	1,963	6.97
4 = Exclusive e-cigarette user for some days	535	1.90
5 = Exclusive cigarette user for every day	6,130	21.78
6 = Exclusive e-cigarette user for every day	442	1.57
7 = Dual user for some days	413	1.47
8 = Cigarette user for some days and e-cigarette user for every day	227	0.81
9 = Cigarette user for every day and e-cigarette user for some days	862	3.06

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



10 = Dual user for every day	188	0.67
Missing	90	0.32
Total	28,148	100.00

*This variable has 28,058 valid cases out of 28,148 total cases.*

**UMp1\_W3\_A\_MultiUse\_RegCig\_everysome: Adult cigarette and e-products use status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user*	9,688	34.42
2 = Non-current user	8,180	29.06
3 = Exclusive cigarette user for some days	1,516	5.39
4 = Exclusive e-cigarette user for some days	693	2.46
5 = Exclusive cigarette user for every day	5,973	21.22
6 = Exclusive e-cigarette user for every day	473	1.68
7 = Dual user for some days	272	0.97
8 = Cigarette user for some days and e-cigarette user for every day	206	0.73
9 = Cigarette user for every day and e-cigarette user for some days	843	2.99
10 = Dual user for every day	176	0.63
Missing	128	0.45
Total	28,148	100.00

*This variable has 28,020 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

**UMp1\_W3\_A\_MultiUse\_RegCigE\_everysome: Adult regular cigarette and e-products use status – every day or some days**

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

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

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

Value	Unweighted frequency	%
1 = Never regular user	13,027	46.28
2 = Non-current user	5,154	18.31
3 = Exclusive cigarette user for some days	1,631	5.79
4 = Exclusive e-cigarette user for some days	330	1.17
5 = Exclusive cigarette user for every day	6,332	22.50

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

6 = Exclusive e-cigarette user for every day	448	1.59
7 = Dual user for some days	154	0.55
8 = Cigarette user for some days and e-cigarette user for every day	192	0.68
9 = Cigarette user for every day and e-cigarette user for some days	461	1.64
10 = Dual user for every day	148	0.53
Missing	271	0.96
Total	28,148	100.00

*This variable has 27,877 valid cases out of 28,148 total cases*

#### **UMp1\_W3\_A\_MultiUse\_P30D: Adult cigarette and e-products use status - Past 30-day use**

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

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

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

Value	Unweighted frequency	%
1 = Never user	6,060	21.53
2 = Non-current user	10,056	35.73
3 = Exclusive cigarette user in the past 30 days	8,194	29.11
4 = Exclusive e-product user in the past 30 days	1,270	4.51
5 = Dual user in the past 30 days	2,520	8.95
Missing	48	0.17
Total	28,148	100.00

*This variable has 28,100 valid cases out of 28,148 total cases*

#### **UMp1\_W3\_A\_MultiUse\_RegCig\_P30D: Adult established cigarette and ever e-products use status - Past 30-day use**

**Description:** Current use status (used cigarettes/e-products in the past 30 days) among all established smokers (smoked  $\geq$  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*	9,688	34.42
2 = Non-current user	7,215	25.63
3 = Exclusive cigarette user in the past 30 days	7,372	26.19
4 = Exclusive e-product user in the past 30 days	1,665	5.91
5 = Dual user in the past 30 days	2,117	7.52
Missing	91	0.32
Total	28,148	100.00

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

*This variable has 28,057 valid cases out of 28,148 total cases. \* Never established cigarette and never e-product user.*

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**UMp1\_W3\_A\_MultiUse\_RegCigE\_P30D: Adult established cigarette and regular e-products use status - Past 30-day use**

**Description:** Current use status (used cigarettes/e-products in the past 30 days) among all established/regular users (smoked  $\geq 100$  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	13,027	46.28
2 = Non-current user	4,666	16.58
3 = Exclusive cigarette user in the past 30 days	8,201	29.14
4 = Exclusive e-product user in the past 30 days	785	2.79
5 = Dual user in the past 30 days	1,204	4.28
Missing	265	0.94
Total	28,148	100.00

*This variable has 27,883 valid cases out of 28,148 total cases*

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