

TUS Data Harmonization Table

Notes: This table provides a listing of all harmonized variables. Data for harmonized variables only includes self-respondents; there is no data from proxy respondents included (which may be revisited at a later time). Variables not included on this list were not harmonized (i.e., they were dropped from the harmonized file but remain in the single wave data files). Reasons for variables not being harmonized included not having two or more waves of data available, too many inconsistencies in question wording or structure over time, substantial changes in the universe of respondents, or a harmonized variable may not be useful to researchers for a specific item (e.g., cigarette brand). The notes column provides details regarding whether a variable was constructed using two or more variables in the single waves (i.e., it is a new variable not found in single wave data), on the universe of respondents included, if wording or response categories changed over time but not sufficient to change the meaning/construct of the measure, etc. Variables ending in NUM represent numbers and those ending in UNT represent units. Table cells that are grayed out indicate that no data was available for that wave.

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|----------------|---|--------------------------|-------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------------|--------------------|--------------------|--------------------|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| Core CPS Items | | | | | | | | | | | | | | |
| | Survey wave | SURWAVE | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Variable was constructed. |
| | Month of interview | SURMONTH | H_MONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | HRMONTH | |
| | Year of interview | SURYEAR | H_YEAR | HRYEAR | HRYEAR4 | HRYEAR4 | HRYEAR4 | HRYEAR4 | HRYEAR4 | HRYEAR4 | HRYEAR4 | HRYEAR4 | HRYEAR4 | |
| | Is Spanish the only language spoken by all members of this household who are 15 years of age or older | SPANHOME | | HUSPNISH | HUSPNISH | HUSPNISH | HUSPNISH | HUSPNISH | HUSPNISH | HUSPNISH | HUSPNISH | | | |
| | Are your living quarters Owned or being bought by a household member, rented for cash, or occupied without payment of cash rent | HMOOWNRNT | H_TENURE | HETENURE | HETENURE | HETENURE | HETENURE | HETENURE | HETENURE | HETENURE | HETENURE | HETENURE | HETENURE | |
| | Family income | FAMINC | H_FAMINC | HUFAMINC | HUFAMINC | HUFAMINC | HUFAMINC | HUFAMINC | HUFAMINC | HUFAMINC, HXFAMINC | HUFAMINC, HXFAMINC | HUFAMINC, HXFAMINC | HUFAMINC, HXFAMINC | Slight changes in response categories over time. Family income allocation flag (HXFAMINC) in 2010-2011, 2014-2015, 2018-2019, and 2022-2023. |
| | Number of persons in household | HHNUM | H_NUMPER | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | HRNUMHOU | |
| | Does anyone in this household have a business or a farm | OWNBSFRM | | HUBUS | HUBUS | HUBUS | HUBUS | HUBUS | HUBUS | HUBUS | HUBUS | HUBUS | HUBUS | |
| | Region | REGION | HG_REG | GEREG | GEREG | GEREG | GEREG | GEREG | GEREG | GEREG | GEREG | GEREG | GEREG | |
| | State | FIPS | HG_FIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | |
| | State name | STATE | HG_FIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | GESTFIPS | |
| | State/County | STCOUNTY | | GESTFIPS GECO | GESTFIPS GECO | GESTFIPS GECO | GESTFIPS GECO | GESTFIPS GECO | GESTFIPS GTCO | GESTFIPS GTCO | GESTFIPS GTCO | GESTFIPS GTCO | GESTFIPS GTCO | Variable was constructed. The state code (FIPS) needs to be used with county in order to uniquely identify a county. Not all counties identified. |
| | Metropolitan status | METSTAT | H_METSTA | GEMETSTA | GEMETSTA | GEMETSTA | GEMETSTA | GEMETSTA | GEMETSTA | GTMETSTA | GTMETSTA | GTMETSTA | GTMETSTA | |
| | Age | AGE | A_AGE | PEAGE | PEAGE | PEAGE | PEAGE | PEAGE | PRTAGE | PRTAGE | PRTAGE | PRTAGE | PRTAGE | Slight changes in response categories over time. |
| | Sex | SEX | A_SEX | PESEX | PESEX | PESEX | PESEX | PESEX | PESEX | PESEX | PESEX | PESEX | PESEX | |
| | Did you ever serve on active duty in the U.S. Armed Forces? | AFEVER | | PUAFEVER | PUAFEVER | PUAFEVER | PUAFEVER | PUAFEVER | PUAFEVER | PUAFEVER | PEAFEVER | PEAFEVER | PEAFEVER | |
| | Race (1992-2002) | RACE92 | A_RACE | PERACE | PERACE | PERACE | PERACE | | | | | | | Only 4-5 response categories were available to respondents. |
| | Race (2003-2015) | RACE03 | | | | | | | PTDTRACE | PTDTRACE | PTDTRACE | PTDTRACE | PTDTRACE | 21+ response categories were available to respondents. |
| | Detailed Asian Recode | DTASIAN | | | | | | | | | PRDASIAN | PRDASIAN | PRDASIAN | |
| | Hispanic or non-Hispanic origin | HISPAN | A_REORGN | PRHSPNON | PRHSPNON | PRHSPNON | PRHSPNON | PEHSPNON | PEHSPNON | PEHSPNON | PEHSPNON | PEHSPNON | PEHSPNON | 1992-1993 asked specificity of origin; 1995+ asked as dichotomous variable |
| | Origin or Descent (1992-2002) | DTHISP92 | A_REORGN | PRORIGIN | PRORIGIN | PRORIGIN | PRORIGIN | | | | | | | |
| | Detailed Hispanic Origin Group (2003-2011) | DTHISP03 | | | | | | PRDTHSP | PRDTHSP | PRDTHSP | | | | |
| | Detailed Hispanic Origin Group (2014 and later) | DTHISP14 | | | | | | | | | PRDTHSP | PRDTHSP | PRDTHSP | |
| | Marital Status | MARITAL | A_MARITL | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | PRMARSTA | |
| | Cohabiting Partner | COHAB | | | | | | | | PEMARITL PECOHA | PEMARITL PECOHA | PEMARITL PECOHA | PEMARITL PECOHA | Yes/no variable constructed from two variables. |
| | Highest Level of School Completed or Degree Received | EDU | A_HGA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | PEEDUCA | |
| | Employment Status | EMPLSTAT | A_LFSR | PEMLR | PEMLR | PEMLR | PEMLR | PEMLR | PEMLR | PEMLR | PEMLR | PEMLR | PEMLR | 1992-1993 had slight differences in response categories compared with other waves. |
| | Country of Birth | NATIVITY | | PENATVTY | PENATVTY | PENATVTY | PENATVTY | PENATVTY | PENATVTY | PENATVTY | PENATVTY | PENATVTY | PENATVTY | Categories recoded to changes across survey waves |
| | Mother’s Country of Birth | NATIVITYM | | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | PEMNTVTY | Categories recoded to changes across survey waves |
| | Father’s Country of Birth | NATIVITYF | | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | PEFNTVTY | Categories recoded to changes across survey waves |
| | Citizenship Status | CITIZEN | | PRCITSH | PRCITSH | PRCITSH | PRCITSH | PRCITSH | PRCITSH | PRCITSH | PRCITSH | PRCITSH | PRCITSH | Slight changes in response categories over time. |
| | Number of years in U.S. | YEARINUS | | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | Constructed, uses survey year and midpoint of PRINUSYR category |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|---|---|--------------------------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | Immigrant's Age of Entry | AGEINUS | | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | PRINUSYR | Constructed, uses age and YEARINUS |
| | What is the main reason you were absent from work last week? | ABSNTRSN | | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | PEABSRSN | |
| | Are you being paid by your employer for any of the time off last week? | ABSNTPAY | | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | PEABSPDO | |
| | Do you have more than one job? | MULTJOBS | | PEMJOT | PEMJOT | PEMJOT | PEMJOT | PEMJOT | PEMJOT | PEMJOT | PEMJOT | PEMJOT | PEMJOT | |
| | Last week, did you work any overtime or extra hours (at your main job) that you do not usually work? | OTWK | | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | PUHROT1 | |
| | Calculated weekly overtime amount | OTWKAMT | | PEERN | PEERN | PEERN | PEERN | PEERN | PEERN | PEERN | PEERN | PEERN | PTERN | |
| | Number of children <18 years of age | CHILNUM | | | | PRNMCHLD | PRNMCHLD | PRNMCHLD | PRNMCHLD | PRNMCHLD | PRNMCHLD | PRNMCHLD | PRNMCHLD | |
| | Presence of own children <18 years of age by selected age group | CHILD | | | | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | |
| | Any own children 0-2 years of age | CHILD2 | | | | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | |
| | Any own children 3-5 years of age | CHILD5 | | | | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | |
| | Any own children 6-13 years of age | CHILD13 | | | | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | |
| | Any own children 14-17 years of age | CHILD17 | | | | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | PRCHLD | |
| | Individual class or work code on first job | WRKCLSS1 | | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | PEIO1COW | |
| | Individual class or work code on second job | WRKCLSS2 | | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | PEIO2COW | |
| | Detailed industry recode - job 1 (1995-2002) | IND1DT95 | | PRDTIND1 | PRDTIND1 | PRDTIND1 | PRDTIND1 | | | | | | | |
| | Detailed industry recode - job 1 (2003 and later) | IND1DT03 | | | | | | PRDTIND1 | PRDTIND1 | PRDTIND1 | PRDTIND1 | PRDTIND1 | PRDTIND1 | |
| | Detailed industry recode - job 2 (1995-2002) | IND2DT95 | | PRDTIND2 | PRDTIND2 | PRDTIND2 | PRDTIND2 | | | | | | | |
| | Detailed industry recode - job 2 (2003 and later) | IND2DT03 | | | | | | PRDTIND2 | PRDTIND2 | PRDTIND2 | PRDTIND2 | PRDTIND2 | PRDTIND2 | |
| | Detailed occupation recode - job 1 (1995-2002) | OCC1DT95 | | PRDTOCC1 | PRDTOCC1 | PRDTOCC1 | PRDTOCC1 | | | | | | | |
| | Detailed occupation recode - job 1 (2003 and later) | OCC1DT03 | | | | | | PRDTOCC1 | PRDTOCC1 | PRDTOCC1 | PRDTOCC1 | PRDTOCC1 | PRDTOCC1 | |
| | Detailed occupation recode - job 2 (1995-2002) | OCC2DT95 | | PRDTOCC2 | PRDTOCC2 | PRDTOCC2 | PRDTOCC2 | | | | | | | |
| | Detailed occupation recode - job 2 (2003 and later) | OCC2DT03 | | | | | | PRDTOCC2 | PRDTOCC2 | PRDTOCC2 | PRDTOCC2 | PRDTOCC2 | PRDTOCC2 | |
| | Major industry recode - job 1 (1995-2002) | IND1MJ95 | | PRMJIND1 | PRMJIND1 | PRMJIND1 | PRMJIND1 | | | | | | | |
| | Major industry recode - job 1 (2003 and later) | IND1MJ03 | | | | | | PRMJIND1 | PRMJIND1 | PRMJIND1 | PRMJIND1 | PRMJIND1 | PRMJIND1 | |
| | Major industry recode - job 2 (1995-2002) | IND2MJ95 | | PRMJIND2 | PRMJIND2 | PRMJIND2 | PRMJIND2 | | | | | | | |
| | Major industry recode - job 2 (2003 and later) | IND2MJ03 | | | | | | PRMJIND2 | PRMJIND2 | PRMJIND2 | PRMJIND2 | PRMJIND2 | PRMJIND2 | |
| | Major occupation recode - job 1 (1995-2002) | OCC1MJ95 | | PRMJOCC1 | PRMJOCC1 | PRMJOCC1 | PRMJOCC1 | | | | | | | |
| | Major occupation recode - job 1 (2003 and later) | OCC1MJ03 | | | | | | PRMJOCC1 | PRMJOCC1 | PRMJOCC1 | PRMJOCC1 | PRMJOCC1 | PRMJOCC1 | |
| | Major occupation recode - job 2 (1995-2002) | OCC2MJ96 | | PRMJOCC2 | PRMJOCC2 | PRMJOCC2 | PRMJOCC2 | | | | | | | |
| | Major occupation recode - job 2 (2003 and later) | OCC2MJ03 | | | | | | PRMJOCC2 | PRMJOCC2 | PRMJOCC2 | PRMJOCC2 | PRMJOCC2 | PRMJOCC2 | |
| | Record ID | RecordID | H_ID A_LINENO | HRHHID HRSERSUF PULINENO | HRHHID HRSERSUF PULINENO | HRHHID HRSERSUF PULINENO | HRHHID HRSERSUF PULINENO | HRHHID HRSERSUF PULINENO | HRHHID HRHHID2 PULINENO | HRHHID HRHHID2 PULINENO | HRHHID HRHHID2 PULINENO | HRHHID HRHHID2 PULINENO | HRHHID HRHHID2 PULINENO | |
| | Unique household identifier | QSTNUM | | | QSTNUM | QSTNUM | QSTNUM | QSTNUM | QSTNUM | QSTNUM | QSTNUM | QSTNUM | QSTNUM | |
| | Unique person identifier | OCCURNUM | | | OCCURNUM | OCCURNUM | OCCURNUM | OCCURNUM | OCCURNUM | OCCURNUM | OCCURNUM | OCCURNUM | OCCURNUM | |
| SECTION A. SCREENING FOR EVER/EVERY DAY/SOMEDAY SMOKING | | | | | | | | | | | | | | |
| | (Have/Has) (you/name) smoked at least 100 cigarettes in (your/his/her) entire life? | CIG100 | A_S32 | PES32 | PES32 | PES32 | PED32 | PEA1 | PEA1 | PEA1 | PEA1 | PEA1 | PEA1 | |
| | How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY? | CIGAGE | A_S33, A_S33A | PES33 | PES33 | PES33 | PES33 | PEA2 | PEA2 | PEA2 | PEA2 | PEA2 | PEA2 | |
| | You said that (you/name) never smoked regularly. How old (were/was) (you/name) the first time (you/he/she) smoked part or all of a cigarette? | CIGAGEX | | | | | | | | PEA2A | PEA2A | PEA2A | PEA2A | Includes experimental smokers (respondents who answered never smoked regularly to A2: How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?) |
| | In what state or country did (you/name) live when (you/he/she) started to smoke cigarettes fairly regularly? | CGSTCRY | | | | | | | | PRA2B1 | PRA2B1 | | | |
| | In what state or country did (you/name) live when (you/he/she) FIRST smoked part or all of a cigarette? | CGSTCRYX | | | | | | | | PRA2C1 | PRA2C1 | | | Includes experimental smokers (respondents who answered never smoked regularly to A2: How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?) |
| | (Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all? | CIGNOW | A_S34 | PES34 | PES34 | PES34 | PES34 | PEA3 | PEA3 | PEA3 | PEA3 | PEA3 | PEA3 | |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|---|--------------------------|-------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | Current Cigarette Smoking Status | CIGSTAT | CIG100, CIGNOW | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | SMOKSTAT | Constructed from CIG100 and CIGNOW variables in 1992-93 and SMOKSTAT in 1995 and later |
| SECTION B. EVERY-DAY SMOKER HISTORY/CONSUMPTION SERIES | | | | | | | | | | | | | | |
| | On the average, about how many cigarettes do you now smoke a day? | CPDD | A_S36, A_S36A | PES36 | PES36 | | PES36 | PEB1 | PEB1 | PTB1 | PTB1 | PTB1 | PTB1 | Slight wording changes over time. Top coded at 40 cigarettes per day in 2010-2011, 2014-2015 and 2018-19. Top coded 30 in 2022-23. |
| | Would you say that, on average, you now smoke more or less than 20 cigarettes each day? | CPDD20 | | | | | | PEB1A | PEB1A | PEB1A | PEB1A | PEB1A | PEB1A | Only respondents with "don't know," refused or no response to B1 get this question. |
| | Do you usually smoke menthol or non-menthol cigarettes? | CIGTYPE | | | | | | PEB2 | PEB2 | PEB2 | PEB2 | PEB2 | PEB2 | Slight wording changes over time. |
| | How soon after you wake up do you typically smoke your first cigarette of the day? (number) | TTFC | | | | | | PEB5aNUM | PEB5aNUM | PEB5aNUM | PEB5aNUM | PEB5aNUM | PEB5aNUM | |
| | How soon after you wake up do you typically smoke your first cigarette of the day? (unit) | TTFC | | | | | | PEB5aUNT | PEB5aUNT | PEB5aUNT | PEB5aUNT | PEB5aUNT | PEB5aUNT | |
| | Would you say you smoke your first cigarette of the day within the first 30 minutes? | TTFC30 | | | | | | PEB5B | PEB5B | PEB5B | PEB5B | PEB5B | PEB5B | |
| | Do you usually buy your own cigarettes? | BUYCIG | | | | | | PEB6a | PEBA6A | PEBA6A | PEBA6A | PEBA6A | PEBA6A | Variable was constructed for 2003 |
| | Do you usually buy your cigarettes by the pack or by the carton? | BUYPKCR | | | | | | PEB6A | PEB6A | PEB6A | PEB6A | PEB6A | PEB6A | |
| | What price did you pay for the last pack of cigarettes you bought? (cost after using discounts or coupons) | PRICLPK | | | | | | PEB6B | PEB6B | PEB6B | PTB6B | PEB6B | PEB6B | |
| | What price did you pay for the last carton of cigarettes you bought? (cost after using discounts or coupons) | PRICLCR | | | | | | PEB6C | PEB6C | PEB6C | PTB6C | PTB6C | PTB6C | |
| | Did you use coupons, rebates, or any other special promotions when you bought your last (pack/carton) of cigarettes? | DISCNTS | | | | | | | | | PEB6C4 | PEB6C4 | PEB6C4 | |
| | Did you buy your last (pack/carton) of cigarettes in (respondent's state of residence) or in some other state? Enter X for bought some other way (Internet, other country,...) | CIGWHERE | | | | | | PEB6D | PEB6D1 | PEB6D1 | PEB6D1 | PEB6D1 | PEB6D1 | |
| | In what other state did you buy your last (pack/carton) of cigarettes? | CIGSTATE | | | | | | PEB6D2 | PEB6D2 | PEB6D21 | PEB6D21 | PEB6D21 | PEB6D21 | |
| | Did you buy your last (pack/carton) of cigarettes from an Indian reservation? | CIGINDRS | | | | | | | | PEB6D3 | PEB6D3 | PEB6D3 | PEB6D3 | |
| | Was the other way in which you purchased your last (pack/carton) of cigarettes: - In a foreign country or a duty-free shop - From an Indian reservation - By mail-order, phone or internet | CIGOTWAY | | | | | | | | PEB6DOTH | PEB6DOTH | PEB6DOTH | PEB6DOTH | |
| | In the last 2 months, have you bought any single or individual cigarettes? | SNGLCIG | | | | | | | PEB6E1 | PEB6E1 | PEB6E1 | PEB6E1 | PEB6E1 | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. Slight wording change for 2010-2011 wave. |
| | What price did you pay for the last single or individual cigarette you bought? | SNGLPRCE | | | | | | | PEB6E2 | PEB6E2 | | | | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. |
| | Did you buy your last single or individual cigarette in [respondent's state of residence] or in some other state or other country? | SNGLWHER | | | | | | | PEB6E31 | PEB6E31 | PEB6E31 | PEB6E31 | PEB6E31 | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. 2006-2007 did not include country in question. |
| | In what other state or country did you buy your last single or individual cigarette? | SNGLSTCT | | | | | | | PEB6E32 | PRB6E32A | PRB6E32A | PEB6E32A | PEB6E32A | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. 2006-2007 did not include country in question. |
| | In the LAST 2 months, have you bought loose tobacco to roll-your-own cigarettes | LOOSETOB | | | | | | | | | | PEB6E4 | PEB6E4 | |
| | What is the total number of years you have smoked every day? Do not include any time you stayed off cigarettes for 6 months or longer. | YRSSMKDC | A_S43, A_S43A | PES43 | PES43 | | PES43 | PEB7 | PEB7 | | | | | Slight changes in response categories over time. |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|-----------------------------------|---|--------------------------|-------------------------------|----------|----------|------|----------|----------|----------|-------------------|-------------------|-------------------|-------------------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | For how long have you smoked every day | YRSSMKDG | | | | | | | | PEB7C | PEB7C | PEB7C | PEB7C | |
| | Number of years smoked every day | YRSSMKDH | YRSSMKDC | YRSSMKDC | YRSSMKDC | | YRSSMKDC | YRSSMKDC | YRSSMKDC | YRSSMKDG | YRSSMKDG | YRSSMKDG | YRSSMKDG | This variable is constructed from the continuous variable YRSSMKDC and the categorical variable YRSSMKDG. |
| | Have you ever smoked menthol cigarettes for 6 months or more? | MENTHREG | | | | | | | | PEB7C2 | PEB7C2 | PEB7C2 | PEB7C2 | |
| | For how long (have you smoked/did you smoke) menthol cigarettes? | MENTHGRP | | | | | | | | PEB7C3 | PEB7C3 | PEB7C3 | PEB7C3 | |
| | Menthol use | MENTHOL | | | | | | | | CIGTYPE, MENTHREG | CIGTYPE, MENTHREG | CIGTYPE, MENTHREG | CIGTYPE, MENTHREG | Constructed from CIGTYPE and MENTHREG variables |
| | Around this time 12 months ago, were you smoking cigarettes every day, some days or not at all? | CIGSTA12 | A_S61 | PES61 | PES61 | | PES61 | PEB8 | PEB8 | PEB8 | PEB8 | PEB8 | PEB8 | |
| | Around this time 12 months ago, on the average, about how many cigarettes did you smoke each day? | CPDD12 | | | | | | | PEB9 | PTB9 | PTB9 | PTB9 | PTB9 | |
| | Around this time 12 months ago, on how many of the 30 days in the month did you smoke cigarettes? | CIGDAY12 | | | | | | | PEB10A | PEB10A | PEB10A | PEB10A | PEB10A | |
| | On the average, on those <days, days you smoked>, how many cigarettes did you usually smoke each day? | CPDS12 | | | | | | | PEB10B | PTB10B | PTB10B | PTB10B | PTB10B | |
| SECTION C. SOME-DAY SMOKER SERIES | | | | | | | | | | | | | | |
| | On how many of the past 30 days did you smoke cigarettes? | CIGDAY | A_S37, A_S37A | PES37 | PES37 | | PES37 | PEC1 | PEC1 | PEC1 | PEC1 | PEC1 | PEC1 | |
| | Would you say you smoked on AT LEAST 12 DAYS in the past 30 days? | CIGDAY20 | | | | | | | PEC1i | PEC1i | PEC1i | PEC1i | PEC1i | |
| | On the average, on those [fill entry C1] days, how many cigarettes did you usually smoke each day? | CPDS | A_S38, A_S38A | PES38 | PES38 | | PES38 | PEC1A | PEC1A | PEC1A | PTC1A | PTC1A | PTC1A | Slight wording changes over time. Top coded at 20 cigarettes per day in 2010-11 and 2014-15. |
| | Do you usually smoke menthol or non-menthol cigarettes? | CIGTYPE | | | | | | PEC2 | PEC2 | PEC2 | PEC2 | PEC2 | PEC2 | Slight wording changes over time. |
| | On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day? (number) | TTFC | | | | | | PEC5aNUM | PEC5aNUM | PEC5aNUM | PEC5aNUM | PEC5aNUM | PEC5aNUM | |
| | On the days that you smoke, how soon after you wake up do you typically smoke your first cigarette of the day? (unit) | TTFC | | | | | | PEC5aUNT | PEC5aUNT | PEC5aUNT | PEC5aUNT | PEC5aUNT | PEC5aUNT | |
| | On the days that you smoke, would you say you smoke your first cigarette of the day within the first 30 minutes? | TTFC30 | | | | | | PEC5B | PEC5B | PEC5B | PEC5B | PEC5B | PEC5B | |
| | Do you usually buy your own cigarettes? | BUYCIG | | | | | | PEC6A | PECA6A | PECA6A | PECA6A | PECA6A | PECA6A | Variable was constructed. |
| | Do you usually buy your cigarettes by the pack or by the carton? | BUYPKCR | | | | | | PEC6A | PEC6A | PEC6A | PEC6A | PEC6A | PEC6A | Response categories slightly different in 2003. |
| | What price did you pay for the last pack of cigarettes you bought? (cost after using discounts or coupons) | PRICLPK | | | | | | PEC6B | PEC6B | PEC6B | PTC6B | PTC6B | PTC6B | |
| | What price did you pay for the last carton of cigarettes you bought? (cost after using discounts or coupons) | PRICLCR | | | | | | PEC6C | PEC6C | PEC6C | PTC6C | PTC6C | PTC6C | |
| | Did you use coupons, rebates, or any other special promotions when you bought your last (pack/carton) of cigarettes (2014-15 and 2018-19 only) | DISCNTS | | | | | | | | | PEC6C4 | PEC6C4 | PEC6C4 | |
| | Did you buy your last (pack/carton) of cigarettes in (respondent's state of residence) or in some other state? Enter X for bought some other way (Internet, other country,...) | CIGWHERE | | | | | | PEC6D | PEC6D1 | PEC6D1 | PEC6D1 | PEC6D1 | PEC6D1 | |
| | In what other state did you buy your last (pack/carton) of cigarettes? | CIGSTATE | | | | | | PEC6D2 | PEC6D2 | PEC6D21 | PEC6D21 | PEC6D21 | PEC6D21 | |
| | Did you buy your last (pack/carton) of cigarettes from an Indian reservation? | CIGINDRS | | | | | | | | PEC6D3 | PEC6D3 | PEC6D3 | PEC6D3 | |
| | Was the other way in which you purchased your last (pack/carton) of cigarettes: - In a foreign country or a duty-free shop - From an Indian reservation - By mail-order, phone or internet | CIGOTWAY | | | | | | | | PEC6DOTH | PEC6DOTH | PEC6DOTH | PEC6DOTH | |
| | In the last 2 months, have you bought any single or individual cigarettes? | SNGLCIG | | | | | | | PEC6E1 | PEC6E1 | PEC6E1 | PEC6E1 | PEC6E1 | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. Slight wording change for 2010-2011 wave. |

| | | | Individual Wave Variable Name | | | | | | | | | | | Notes |
|--|--|--------------------------|-------------------------------|--------------------|--------------------|------|--------------------|------------------------------------|--------------------|------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | |
| | What price did you pay for the last single or individual cigarette you bought? | SNGLPRCE | | | | | | | PEC6E2 | PEC6E2 | | | | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. |
| | Did you buy your last single or individual cigarette in [respondent's state of residence] or in some other state or other country? | SNGLWHER | | | | | | | PEC6E31 | PEC6E31 | PEC6E31 | PEC6E31 | PEC6E31 | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. 2006-2007 did not include country in question. |
| | In what other state or country did you buy your last single or individual cigarette? | SNGLSTCT | | | | | | | PEC6E32 | PRC6E32A | PRC6E32A | PRC6E32A | PRC6E32A | In 2006-2007, only respondents who answered that they buy their own cigarettes got the single or individual cigarette questions. 2006-2007 did not include country in question. |
| | Have you ever smoked menthol cigarettes for 6 months or more? | MENTHREG | | | | | | | | PEC7D2 | PEC7D2 | PEC7D2 | PEC7D2 | |
| | For how long (have you smoked/did you smoke) menthol cigarettes? | MENTHGRP | | | | | | | | PEC7D3 | PEC7D3 | PEC7D3 | PEC7D3 | |
| | Menthol use | MENTHOL | | | | | | | | CIGTYPE, MENTHREG | CIGTYPE, MENTHREG | CIGTYPE, MENTHREG | CIGTYPE, MENTHREG | Constructed from CIGTYPE and MENTHREG variables |
| | Have you ever smoked cigarettes every day for at least 6 months? | SDEV RDLY | A_S39 | PES39 | PES39 | | PES39 | PEC7A | PEC7A | PEC7A | PEC7A | PEC7A | PEC7A | |
| | When you last smoked every day, on average how many cigarettes did you smoke daily? | SDEV RCIG | A_S41,A_S41A | PES41 | PES41 | | PES41 | PEC7C | PEC7C | PTC7E | PTC7E | PTC7E | PTC7E | Slight changes in response categories over time. |
| | About how long has it been since you last smoked cigarettes every day? | SDYRS DLY | A_S40,A_S40A,A_S40B | PES40NUM, PES40UNT | PES40NUM, PES40UNT | | PES40NUM, PES40UNT | PEC7BNUM, PEC7BUNT | PEC7BNUM, PEC7BUNT | | | | | Slight changes in response categories over time. |
| | What is the total number of years you smoked every day? Do not include any time you stayed off cigarettes for 6 months or longer. | SDYRS MKC | A_S42,A_S42A | PES42 | PES42 | | PES42 | PEC7D | PEC7D | PEC7D | | | | |
| | For how long have you smoked every day | SDYRS MKG | | | | | | | | | PEC7D | PEC7D | PEC7D | |
| | Around this time 12 months ago, were you smoking cigarettes every day, some days or not at all? | CIGSTA12 | A_S61 | PES61 | PES61 | | PES61 | PEC8 | PEC8 | PEC8 | PEC8 | PEC8 | PEC8 | |
| | Around this time 12 months ago, on the average, about how many cigarettes did you smoke each day? | CPDD12 | | | | | | | PEC9 | PTC9 | PTC9 | PTC9 | PTC9 | |
| | Around this time 12 months ago, on how many of the 30 days in the month did you smoke cigarettes? | CIGDAY12 | | | | | | | PEC10A | PEC10A | PEC10A | PEC10A | PEC10A | |
| | On the average, on those <days, days you smoked>, how many cigarettes did you usually smoke each day? | CPDS12 | | | | | | | PEC10B | PTC10B | PTC10B | PTC10B | PTC10B | |
| Section D. PAST 12-MONTH QUIT ATTEMPTS FOR CURRENT EVERY-DAY AND SOME-DAY SMOKERS | | | | | | | | | | | | | | |
| | <i>Note: Due to some discrepancies in the universe of respondents across waves, if a person started their quit attempt prior to 12 months before completing the TUS and quit within the year, their length of quit was calculated accordingly.</i> | | | | | | | | | | | | | |
| | Have you ever stopped smoking for one day or longer because you were trying to quit smoking? | EVSTP1DD | A_S44 | PES44 | PES44 | | PES44 | PED1 | PED1 | | | | | |
| | During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking? | PYSTP1DD | A_S45 | PES45 | PES45 | | PES45 | PED2 | PED2 | PED1R | PED1R | PED1R | PED1R | |
| | How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking? | XPYSTPDN | A_S46, A_S46A | PES46 | PES46 | | PES46 | PED3 | PED3 | | | | | |
| | How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking? | XPYSTPDC | | | | | | | | PED3 | PED3 | PED3 | PED3 | |
| | During the past 12 months, what is the longest length of time you stopped smoking because you were trying to quit smoking? | PYMLTD | | PES46ANM, PES46AUN | PES46ANM, PES46AUN | | PES46ANM, PES46AUN | PED4NUM, PED4UNT, PED6NUM, PED6UNT | PED6NUM, PED6UNT | PED4NUM, PED4UNT, PED6NUM, PED6UNT | PED6NUM, PED6UNT, PED6CNUM, PED6CUNT | PED6NUM, PED6UNT, PED6CNUM, PED6CUNT | PED6NUM, PED6UNT, PED6CNUM, PED6CUNT | |
| | During the past 12 months, what is the longest length of time you stopped smoking because you were trying to quit smoking? | PYMLTDU | | | | | | PED4NUM, PED4UNT, PED6NUM, PED6UNT | PED6NUM, PED6UNT | PED4NUM, PED4UNT, PED6NUM, PED6UNT | PED6NUM, PED6UNT, PED6CNUM, PED6CUNT | PED6NUM, PED6UNT, PED6CNUM, PED6CUNT | PED6NUM, PED6UNT, PED6CNUM, PED6CUNT | |
| | Have you ever made a serious attempt to stop smoking because you were trying to quit – even if you stopped for less than a day? | EVTRYQD | | | | | | PED7, PED8 | PED7, PED8 | PED8R, PED7R | PED8R, PED7R | PED8R, PED7R | PED8R, PED7R | Respondents who answered yes to ever stopping smoking for one day or longer, question D1/D1R, did not get this question. Order of items was reserved in 2010-11 and 2014-15 (PED8R then PED7R). |

| | | | Individual Wave Variable Name | | | | | | | | | | | Notes |
|--|--|--------------------------|-------------------------------|---------|---------|------|-----------------------|---|---------------------|---|---|--|--|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | |
| | During the past 12 months, have you ever made a serious attempt to stop smoking because you were trying to quit? | PYTRYQD | | | | | | PED8 | PED8 | PED8R, PED7R | PED8R, PED7R | PED8R, PED7R | PED8R, PED7R | Respondents who answered yes to stopping smoking for one day or longer during the past 12 months, question D2, did not get this question. Order of items was reserved in 2010-11 and 2014-15 (PED8R then PED7R). |
| | Have you ever stopped smoking for one day or longer because you were trying to quit smoking? | EVSTP1DS | | | | | PES44 | PED1 | PED1 | | | | | For some day smokers who smoked more than 11 of the past 30 days |
| | During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking? | PYSTP1DS | | | | | PES45 | PED2 | PED2 | PED1R | PED1R | PED1R | PED1R | For some day smokers who smoked more than 11 of the past 30 days |
| | How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking? | XPYSTPSN | | | | | PES46 | PED3 | PED3 | | | | | For some day smokers who smoked more than 11 of the past 30 days |
| | How many times during the past 12 months have you stopped smoking for one day or longer because you were trying to quit smoking? | XPYSTPSC | | | | | | | | PED3 | PED3 | PED3 | PED3 | For some day smokers who smoked more than 11 of the past 30 days |
| | During the past 12 months, what is the longest length of time you stopped smoking because you were trying to quit smoking? | PYMLTHS, PYMLTHSU | | | | | PES46ANM, PES46AUN | PED4NUM, PED6NUM, PED4UNT, PED6UNT | PED6NUM, PED6UNT | PED4NUM, PED6NUM, PED4UNT, PED6UNT | PED6NUM, PED6CNUM, PED6UNT, PED6CUNT | PED6NUM, PED6UNT, PED6CNUM, PED6UNT | PED6NUM, PED6UNT, PED6CNUM, PED6UNT | Length of quit in earlier surveys was truncated at 12 months; the "U" at the end of variable name indicates Untruncated. Follow-up item (2003, 2010-11): PED5 = Was [entry in D4] the longest you went without smoking in the past 12 months? 2014-15, PED3 = How many times during the past year have you stopped smoking for one day or longer because you were trying to quit smoking? |
| | Have you ever made a serious attempt to stop smoking because you were trying to quit – even if you stopped for less than a day? | EVTRYQS | | | | | | PED7 | PED7 | PED7R, PED8R | PED7R, PED8R | PED7R, PED8R | PED7R, PED8R | Respondents who answered yes to ever stopping smoking for one day or longer, question D1 or D1R, did not get this question. PED7R = During the past 12 months, have you ever made a serious attempt to stop smoking because you were trying to quit – even if you stopped for less than a day? PED8R = Have you ever made a serious attempt to stop smoking because you were trying to quit – even if you stopped for less than a day? |
| | During the past 12 months, have you ever made a serious attempt to stop smoking because you were trying to quit <- even if you stopped for less than a day>? | PYTRYQS | | | | | | PED7, PED8 | PED7, PED8 | PED7R, PED8R | PED7R, PED8R | PED7R, PED8R | PED7R, PED8R | Respondents who answered yes to ever stopping smoking for one day or longer, question D1 or D1R, did not get this question. Slight wording changes in PED8 over time. |
| | During the past 12 months, have you tried to quit smoking completely? | PYQUITSD | | | | | | PEDA | PEDA | PEDA | PEDA | PEDA | PEDA | For some day smokers who smoked less than 12 of the past 30 days. Some day smokers with no response, refused or don't know to number of past 30 days smoked (PEC1) are included. |
| | Have you ever tried to quit smoking completely? | EVTRYQCS | | | | | | | PEDA, PEDB | PEDA, PEDB | PEDA, PEDB | PEDA, PEDB | PEDA, PEDB | For some day smokers who smoked less than 12 of the past 30 days. Some day smokers with no response, refused or don't know to number of past 30 days smoked (PEC1) are included. |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|--|--------------------------|-------------------------------|---------|---------|------|---------|---|---------------------|---|---|---|---|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | During the past 12 months, what is the longest length of time you stopped smoking because you were trying to quit smoking? | PYMLTLSU, PYMLTLS | | | | | | PED4NUM, PED6NUM, PED4UNT, PED6UNT | PED6NUM, PED6UNT | PED4NUM, PED6NUM, PED4UNT, PED6UNT | PED6NUM, PED6CNUM, PED6UNT, PED6CUNT | PED6NUM, PED6CNUM, PED6UNT, PED6CUNT | PED6NUM, PED6CNUM, PED6UNT, PED6CUNT | For some day smokers who smoked less than 12 of the past 30 days. Length of quit in earlier surveys was truncated at 12 months; the "U" at the end of variable name indicates Untruncated PED4 = The last time you stopped smoking during the past 12 months because you were trying to quit, how long did you stop for? PED6 = During the past 12 months, what is the longest length of time you stopped smoking because you were trying to quit smoking? PED5 = Was [entry in D4] the longest you went without smoking in the past 12 months? |
| SECTION E. METHODS USED DURING PAST (12-MONTH) QUIT ATTEMPTS (EVERY DAY AND SOME-DAY SMOKERS) | | | | | | | | | | | | | | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use a nicotine patch? | PYQTNRT1 | | | | | | PEE1A2 | | PEE1A1 | | | | For current smokers who made a quit attempt in the past 12 months. |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use a nicotine gum or nicotine lozenge? | PYQTNRT2 | | | | | | PEE1A1, PEE1A5 | | PEE1A2 | | | | For current smokers who made a quit attempt in the past 12 months. PEE1A1 = Nicotine gum, PEE1A5 = Nicotine lozenge. |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use a nicotine nasal spray or nicotine inhaler? | PYQTNRT3 | | | | | | PEE1A3, PEE1A4 | | PEE1A3 | | | | For current smokers who made a quit attempt in the past 12 months. PEE1A3 = Nicotine nasal spray, PEE1A4 = Nicotine inhaler. |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use a prescription pill? | PYQTNRT4 | | | | | | PEE1A7 | | PEE1A7A, PEE1A7B, PEHE1A7C | | PEE1A7AB | PEE1A7AB | For current smokers who made a quit attempt in the past 12 months. PEE1A7A = Chantix or Varenicline. |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use a telephone help line or quit line? | PYQTHLP1 | | | | | | PEE1B1 | | PEE1B1 | PEE1B1 | PEE1B1 | PEE1B1 | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use a stop smoking clinic, class or support group? | PYQTHLP2 | | | | | | PEE1B2 | | PEE1B3 | | PEE1B3 | PEE1B3 | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use one-on-one counseling? | PYQTHLP3 | | | | | | PEE1B3 | | PEE1B2 | | PEE1B2 | PEE1B2 | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use help or support from friends and family? | PYQTHLP4 | | | | | | PEE1B4 | | PEE1B4 | | | | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use the internet or World Wide Web/web-based program? | PYQTHLP5 | | | | | | PEE1B5 | | PEE1B5 | PEE1B5 | PEE1B5 | PEE1B5 | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use books, pamphlets, videos or other materials? | PYQTHLP6 | | | | | | PEE1B6 | | PEE1B6 | | | | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Did you use acupuncture or hypnosis? | PYQTHLP7 | | | | | | PEE1B7 | | PEE1B7 | | | | |
| | Thinking back to the (last time/time) you tried to quit smoking in the past 12 months. Which did you use acupuncture or hypnosis or both? | PYQHLP7A | | | | | | PEE1B7A | | PEE1B7A | | | | |
| | The (last time/time) you tried to quit smoking in the past 12 months. Did you try to quit by gradually cutting back on cigarettes? | PYQTPTN1 | | | | | | PEE1C1 | | PEE1C1 | | | | |
| | The (last time/time) you tried to quit smoking in the past 12 months. Did you try to quit by switching to chewing tobacco, snuff, <snus>, cigars or pipes? | PYQTPTN2 | | | | | | PEE1C2 | | PEE1C2, PEE1C2B | PEE1C2, PEE1C2B | PEE1C2, PEE1C2B | PEE1C2, PEE1C2B | PEE1C2 = "smokeless tobacco such as chewing tobacco, snuff or snus"; PEE1C2B = "regular cigars, cigarillos, little filtered cigars or pipes filled with tobacco" |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|--|--------------------------|-------------------------------|-----------------------|-----------------------|------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | The (last time/time) you tried to quit smoking in the past 12 months. Did you switch to a lighter cigarette in order to try to quit? | PYQTPTN3 | | | | | | PEE1C3 | | PEE1C3 | | | | |
| | The (last time/time) you tried to quit smoking in the past 12 months. Did you try to give up cigarettes all at once? | PYQTPTN4 | | | | | | PEE1C4 | | PEE1C4 | | | | |
| | The (last time/time) you tried to quit smoking in the past 12 months. When you tried to quit all at once, would you say you tried to quit cold turkey? | PYQPTN4A | | | | | | PEE1C4A | | PEE1E | | | | |
| | The (last time/time) you tried to quit smoking in the past 12 months. Did you try to quit by switching to electronic or e-cigarettes? | PYQTPTN5 | | | | | | | | | PEE1C2C PEE1CZ2C | PEE1C2C PEE1CZ2C | PEE1C2C | |
| SECTION F. DOCTOR/DENTIST ADVICE TO STOP SMOKING (EVERY DAY AND SOME-DAY SMOKERS) | | | | | | | | | | | | | | |
| | In the past year/12 months have you seen a medical doctor? | DOCSEEN | A_S47 | PES47 | PES47 | | PES47 | | PEF1A | PEF1A | PEF1A | PEF1A | PEF1A | Slight wording changes over time. Response categories changed over time. |
| | During the past year/12 months, did any medical doctor advise you to stop smoking? | DOCADVYR | A_S48 | PES47, PES48 | PES47, PES48 | | PES47, PES48 | | PEF1B | PEF1B | PEF1B | PEF1B | PEF1B | Slight wording changes over time. Response categories changed over time. |
| | In the past 12 months, when a medical doctor advised you to quit smoking, did the doctor also suggest that you call or use a telephone help line or quit line? | DOCADVQL | | | | | | | PEF1C | PEF1C1 | | | | Slight wording changes over time. |
| | Has a medical doctor ever advised you to stop smoking? | DOCADVEV | A_S49 | PES48, PES49 | PES48, PES49 | | PES47, PES48 | | PEF1B, PEF1D | | | | | Response categories changed over time. |
| | In the past year/12 months have you seen a dentist? | DDSSEEN | A_S50 | PES50 | PES50 | | PES50 | | PEF2A | PEF2A | | | | Slight wording changes over time. Response categories changed over time. |
| | During the past year/12 months, did any dentist advise you to stop smoking? | DDSADVYR | A_S51 | PES50, PES51 | PES50, PES51 | | PES50, PES51 | | PEF2B | PEF2B | | | | Slight wording changes over time. Response categories changed over time. |
| | In the past 12 months, when a dentiste advised you to quit smoking, did the dentist also suggest that you call or use a telephone help line or quit line? | DDSADVQL | | | | | | | PEF2C | PEF2C1 | | | | |
| | Has a dentist ever advised you to stop smoking? | DDSADVEV | A_S52 | PES51, PES52 | PES51, PES52 | | PES51, PES52 | | PEF2B, PEF2D | | | | | Response categories changed over time. |
| SECTION G. STAGES OF CHANGE (EVERY DAY AND SOME-DAY SMOKERS) | | | | | | | | | | | | | | |
| | <i>Note: The phrases “stop smoking” and “quit smoking” are used interchangeably and for the purposes of this dataset, should be considered equal and carry the same meaning.</i> | | | | | | | | | | | | | |
| | Are you seriously considering stopping/quitting smoking within the next 6 months? | INTQT6MO | A_S53 | PES53 | PES53 | | PES53 | PEG1 | PEG1 | PEG1 | PEG1 | PEG1 | PEG1 | Slight wording changes over time. Response categories changed over time. |
| | Are you planning to stop/quit within the next 30 days? | INTQT30D | A_S53, A_S54 | PES53, PES54 | PES53, PES54 | | PES53, PES54 | PEG1, PEG2 | PEG1, PEG2 | PEG1, PEG2 | PEG1, PEG2 | PEG1, PEG2 | PEG1, PEG2 | Slight wording changes over time. Response categories changed over time. |
| | Overall, on a scale from 1 to 10 where 1 is not at all interested and 10 is extremely interested, how interested are you in quitting smoking? | INTRQUIT | | | | | | PEG3 | PEG3 | PEG3 | PEG3 | PEG3 | PEG3 | |
| | If you did try to quit smoking altogether in the next 6 months, how likely do you think you would be to succeed? | QUITSUCS | | | | | | PEG4 | PEG4 | PEG4 | PEG4 | PEG4 | PEG4 | |
| SECTION H. FORMER SMOKERS | | | | | | | | | | | | | | |
| | <i>Note: Respondents received different questions based on their length of quit. Months were used as the unit and length of quit where applicable.</i> | | | | | | | | | | | | | |
| | Have you ever smoked cigarettes every day for at least 6 months? | FMEVRDLY | A_S55 | PES55 | PES55 | | PES55 | PEH2 | PEH2 | PEH2 | PEH2 | PEH2 | PEH2 | 2010-11 subitems were dropped since they only appeared in one wave. Response categories changed over time. |
| | About how long has it been since you last smoked cigarettes every day? | FMYRSDLY | A_S56, A_S56A, A_S56B | PES56NUM, PES56UNT | PES56NUM, PES56UNT | | PES56NUM, PES56UNT | PEH3NUM, PEH3UNT | PEH3NUM, PEH3UNT | | | | | For former smokers who smoked every day for at least 6 months. Response categories changed over time. |
| | When you last smoked every day, on average how many cigarettes did you smoke each day? | FMEVRCIG | A_S57, A_S57A | PES57 | PES57 | | PES57 | PEH4 | PEH4 | PTH5A | PTH5A | PTH5A | PTH5A | Slight wording changes over time. Response categories changed over time. |
| | What is the total number of years you smoked every day? Do not include any time you stayed off cigarettes for 6 months or longer. | FMYRSMKC | A_S58, A_S58A | PES58 | PES58 | | PES58 | PEH5 | PEH5 | | | | | Slight wording changes over time. |
| | For how long did you smoke every day? | FMYRSMKG | | | | | | | | PEH5 | PEH5 | PEH5 | PEH5 | Categorical variable. Subitem H5b in 2010-11 was dropped. |
| | About how long has it been since you completely quit smoking cigarettes? | FMLOTQT | A_S59, A_S59A, A_S59B | PES59NUM, PES59UNT | PES59NUM, PES59UNT | | PES59NUM, PES59UNT | PEH1NUM, PEH1UNT | PEH1NUM, PEH1UNT | PEH1NUM, PEH1UNT | PEH1NUM, PEH1UNT | H1NUM, H1UNT | PEH1NUM, PEH1UNT | Slight wording changes over time; Subitems H1b-c 2014-15 were dropped. |
| | About how long has it been since you completely stopped smoking cigarettes (categorical) | FMLOTQTC | A_S59, A_S59A, A_S59B | PES59NUM, PES59UNT | PES59NUM, PES59UNT | | PES59NUM, PES59UNT | PEH1NUM, PEH1UNT | PEH1NUM, PEH1UNT | PEH1NUM, PEH1UNT | PEH1NUM, PEH1UNT | H1NUM, H1UNT | H1NUM, H1UNT | |

| | | | Individual Wave Variable Name | | | | | | | | | | | Notes |
|--|--|--------------------------|-------------------------------|---------|---------|------|---------|------------------|--------------------|--|--------------------------------|--------------------------------|--------------------------------|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | |
| | Around this time 12 months ago, were you smoking cigarettes every day, some days or not at all? | FMSGST12 | A_S61 | PES61 | PES61 | | PES61 | PEH6 | PEH6 | PEH6 | PEH6 | PEH6 | PEH6 | Universe includes respondents who quit smoking in past year; Subitems H6a-b in 2003 were dropped. |
| | Around this time 12 months ago, on the average, about how many cigarettes did you smoke each day? | FMCPDD12 | | | | | | | PEH6A | PEH6A | PTH6A | PTH6A | PTH6A | For former smokers who quit within the past year, every day smokers around 12 months ago. |
| | Around this time 12 months ago, on how many of the 30 days in the month did you smoke cigarettes? | FMCIGD12 | | | | | | | PEH6B | PEH6B | PEH6B | PEH6B | PEH6B | For former smokers who quit within the past year, some day smokers around 12 months ago. |
| | On the average, on those [fill entry H6b], how many cigarettes did you usually smoke each day? | FMCPDS12 | | | | | | | PEH6C | PTH6C | PTH6C | PTH6C | PTH6C | For former smokers who quit within the past year, some day smokers around 12 months ago. |
| | Have you ever smoked menthol cigarettes for 6 months or more? | FMMNTHRG | | | | | | | | PEH6C1, PEH6C2, PEH6C4, PEH11A, PEH11A, PEH11C | PEH6C2, PEH6C4, PEH11A, PEH11C | PEH6C2, PEH6C4, PEH11A, PEH11C | PEH6C2, PEH6C4, PEH11A, PEH11C | |
| | For how long have you smoked menthol cigarettes? | FMMNTHGP | | | | | | | | PEH6C5, PEH11D | PEH6C5, PEH11D | PEH6C5, PEH11D | PEH6C5, PEH11D | Categorical variable. |
| | In the 12 months before you completely quit smoking, did you see a medical doctor? | FMDOCSEE | | | | | | | | PEH61A | PEH61A | PEH61A | PEH61A | In 2010-11 and 2014- 15, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | During the 12 months before you completely quit smoking, did any medical doctor advise you to stop smoking? | FMDOCADV | | | | | | | | PEH61B | PEH61B | PEH61B | PEH61B | In 2010-11 and 2014- 15, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | Still thinking back to the year before you quit smoking. During that time, was your usual cigarette brand menthol or non-menthol? | FMMNTHUB | | | | | | PEH7A | PEH7A | PEH6C1, PEH6C2, PEH11A | PEH6C2, PEH11A | PEH6C2, PEH11A | PEH6C2, PEH11A | For former smokers who quit within the past 5 years. Slight wording changes. Universe includes respondents who quit smoking in past 5 years. Subitems H7b, H7C1-3, H7d in 2003 were dropped. |
| | During the 12 months before you quit smoking, how soon after you woke up did you typically smoke your first cigarette of the day? | FMTTFC | | | | | | PEH8NUM, PEH8UNT | PEH8ANUM, PEH8AUNT | PEH8ANUM, PEH8AUNT | PEH8ANUM, PEH8AUNT | PEH8ANUM, PEH8AUNT | PEH8ANUM, PEH8AUNT | Slight wording changes. In 2003 and 2006-07, universe includes respondents who quit smoking in past 5 years; in 2010-11 and 2014-15, universe includes respondents who quit smoking in past 3 years. in 2018-19 and 2022-23, universe includes respondents who quit smoking in past year. |
| | During the 12 months before you quit smoking, would you say you smoked your first cigarette of the day within the first 30 minutes of awakening? | FMTTFC30 | | | | | | PEH8B | PEH8B | PEH8B | PEH8B | PEH8B | PEH8B | Slight wording changes. In 2003 and 2006-07, universe includes respondents who quit smoking in past 5 years; in 2010-11 and 2014-15, universe includes respondents who quit smoking in past 3 years. in 2018-19 and 2022-23, universe includes respondents who quit smoking in past year. |
| | When you quit smoking completely, did you use any of the following products: | | | | | | | | | | | | | Variations in wording over time. All similar items across survey years were combined. |
| | - A nicotine patch | FMQTNRT1 | | | | | | PEH10A2 | | PEH6D1 | | | | |
| | - Nicotine gum or lozenge | FMQTNRT2 | | | | | | PEH10A1, PEH10A5 | | PEH6D2 | | | | |
| | | | | | | | | | | | | | | Universe changes across survey waves. See |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|--|--------------------------|-------------------------------|---------|---------|------|---------|---------------------|---------|---------------------------------|---------|----------|-----------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | - A nicotine nasal spray or inhaler | FMQTNRT3 | | | | | | PEH10A3, PEH10A4 | | PEH6D3 | | | | data dictionary for more information |
| | - A prescription pill | FMQTNRT4 | | | | | | PEH10A7 | | PEH6D7A, PEH6D7B, PEH6D7C | | PEH6D7AB | PEH6D7AB | |
| | When you quit smoking completely did you use any of the following? | | | | | | | | | | | | | |
| | - A telephone help line or quit line | FMQTHLP1 | | | | | | PEH10B1 | PEH10B | PEH6E1 | PEH6E1 | PEH6E1 | PEH6E1 | In 2003 and 2006-07, universe includes respondents who quit smoking in past 5 years; in 2010-11 and 2014-15, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | - A stop smoking clinic, class, or support group | FMQTHLP2 | | | | | | PEH10B2 | | PEH6E3 | | PEH6E3 | PEH6E3 | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | - One-on-one counseling | FMQTHLP3 | | | | | | PEH10B3 | | PEH6E2 | | PEH6E2 | PEH6E2 | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | - Help or support from friends or family | FMQTHLP4 | | | | | | PEH10B4 | | PEH6E4 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | - The Internet or web-based program or tool | FMQTHLP5 | | | | | | PEH10B5 | | PEH6E5 | PEH6E5 | PEH6E5 | PEH6E5 | Variations in wording over time. In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11 and 2014-15, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | - Books, pamphlets, videos or other materials | FMQTHLP6 | | | | | | PEH10B6 | | PEH6E6 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | - Acupuncture or hypnosis | FMQTHLP7 | | | | | | PEH10B7 | | PEH6E7 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | - Which - (1) Acupuncture (2) Hypnosis (3) Both | FMQHLP7A | | | | | | PEH10B7A | | PEH6E7Aa | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | When you quit smoking completely did you do any of the following? | | | | | | | | | | | | | |
| | - Try to quit by gradually cutting back on cigarettes | FMQTPTN1 | | | | | | PEH10C1 | | PEH6FA1 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|---|--|--------------------------|-------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------|-----------------------|-----------------------|-------------------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | - Try to quit by switching to chewing tobacco, snuff, cigars or pipes | FMQTPTN2 | | | | | | PEH10C2 | | PEH6FA2, PEH6FA2B | PEH6FA2, PEH6FA2B | PEH6FA2, PEH6FA2B | PEH6FA2, PEH6FA2B | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11 and 2014- 15, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| | - Did you switch to a lighter cigarette in order to quit | FMQTPTN3 | | | | | | PEH10c3 | | PEH6FA3 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | - Did you try to give up cigarettes all at once | FMQTPTN4 | | | | | | PEH10C4 | | PEH6FA4 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | - Would you say you quit cold turkey or some other way | FMQTPTN4A | | | | | | PEH10C4A | | PEH6F2 | | | | In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. |
| | When you quit smoking completely did you try to quit by switching to electronic or e-cigarettes? | FMQTPTN5 | | | | | | | | | PEH6FA2C PEH6FAZ2C | PEH6FA2C PEH6FAZ2C | PEH6FA2C | In 2014- 15, universe includes respondents who quit in last 3 years. in 2018-19 and 2022-23, universe includes respondents who quit in last year. |
| Section J. Other Tobacco Products Section J | | | | | | | | | | | | | | |
| | Ever used pipes <regular pipe filled with tobacco>? | PIPEEVER | A_S62, A_S62A | PES62A, PES62B1 | PES62A, PES62B1 | PES62A, PES62B1 | PES62A, PES62B1 | PEJ1A, PEJ1BB1 | PEJ1A2 | PEJ1A2 | PEJ1A2 | PEJ1A2 | PEJ1A2 | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62A/PES62B1/PEJ1BB1 = which one? (pipes) |
| | Ever used cigars <regular cigar, cigarillos or little filtered cigars>? | CIGREVER | A_S62, A_S62B | PES62A, PES62B2 | PES62A, PES62B2 | PES62A, PES62B2 | PES62A, PES62B2 | PEJ1A, PEJ1BB2 | PEJ1A1 | PEJ1A1 | PEJ1A1 | PEJ1A1 | PEJ1A1 | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62B/PES62B2/PEJ1BB2 = which one? (cigars) |
| | Ever used chewing tobacco? | CHEWEVER | A_S62, A_S62C | PES62A, PES62B3 | PES62A, PES62B3 | PES62A, PES62B3 | PES62A, PES62B3 | PEJ1A, PEJ1BB3 | PEJ1A3 | | | | | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62C/PES62B3/PEJ1BB3 = which one? (chewing tobacco) |
| | Ever used snuff? | SNFFEVEVER | A_S62, A_S62D | PES62A, PES62B4 | PES62A, PES62B4 | PES62A, PES62B4 | PES62A, PES62B4 | PEJ1A, PEJ1BB4 | PEJ1A4 | | | | | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62D/PES62B4/PEJ1BB4 = which one? (snuff) |
| | Ever used a water or hookah pipe filled with tobacco? | HOOKEVER | | | | | | | | PEJ1A3 | PEJ1A3 | PEJ1A3 | PEJ1A3 | |
| | Ever used smokeless tobacco? | SMKLEVER | CHEWEVER, SNFFEVEVER | CHEWEVER, SNFFEVEVER | CHEWEVER, SNFFEVEVER | CHEWEVER, SNFFEVEVER | CHEWEVER, SNFFEVEVER | CHEWEVER, SNFFEVEVER | CHEWEVER, SNFFEVEVER | PEJ1A4 | PEJ1A4 | PEJ1A4 | PEJ1A4 | Variable was constructed from CHEWEVER and SNFFEVEVER 1992-2007; 2010+ asked ever used "smokeless tobacco, such as moist snuff, dip, spit, chew tobacco or snus." |

| | | | Individual Wave Variable Name | | | | | | | | | | | Notes |
|--|---|--------------------------|---|---|---|---|---|---|---|---------|----------|----------|-----------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | |
| | Ever used e-cigarettes | ECIGEVER | | | | | | | | | PEJ1A3_5 | PEJ1A3_5 | PEJ1A3_5 | |
| | Now use pipes <regular pipe filled with tobacco>? | PIPENOW | A_S62, A_S62A, A_S63, A_S63A | PES62A, PES62B1, PES63A, PES63B1 | PES62A, PES62B1, PES63A1 | PES62A, PES62B1, PES63A1 | PES62A, PES62B1, PES63A1 | PEJ1A, PEJ1BB1, PEJ2A1 | PEJ2A2 | PEJ2A2 | PEJ2A2 | PEJ2A2 | PEJ2A2 | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62A/PES62B1/PEJ1BB1 = which one? (pipes); A_S63 = now use pipes, cigars, chewing tobacco, or snuff?; A_S63A= which one? (pipes); PES62A1/PEJ2A1/PEJ2A2 = now use pipes every day, some days or not at all? |
| | Now use cigars <regular cigar, cigarillos or little filtered cigars>? | CIGRNOW | A_S62, A_S62B, A_S63, A_S63B | PES62A, PES62B2, PES63A, PES63B2 | PES62A, PES62B2, PES63A2 | PES62A, PES62B2, PES63A2 | PES62A, PES62B2, PES63A2 | PEJ1A, PEJ1BB2, PEJ2A2 | PEJ2A1 | PEJ2A1 | PEJ2A1 | PEJ2A1 | PEJ2A1 | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62B/PES62B2/PEJ1BB2 = which one? (cigars); A_S63 = now use pipes, cigars, chewing tobacco, or snuff?; A_S63B= which one? (cigars); PES62A2/PEJ2A2/PEJ2A1 = now use cigars every day, some days or not at all? |
| | Now use chewing tobacco? | CHEWNOW | A_S62, A_S62C, A_S63, A_S63C | PES62A, PES62B3, PES63A, PES63B3 | PES62A, PES62B3, PES63A3 | PES62A, PES62B3, PES63A3 | PES62A, PES62B3, PES63A3 | PEJ1A, PEJ1BB3, PEJ2A3 | PEJ2A3 | | | | | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62C/PES62B3/PEJ1BB3 = which one? (chewing tobacco); A_S63 = now use pipes, cigars, chewing tobacco, or snuff?; A_S63C= which one? (chewing tobacco); PES62A3/PEJ2A3 = now use chewing tobacco every day, some days or not at all? |
| | Now use snuff? | SNFFNOW | A_S62, A_S62D, A_S63, A_S63D | PES62A, PES62B4, PES63A, PES63B4 | PES62A, PES62B4, PES63A4 | PES62A, PES62B4, PES63A4 | PES62A, PES62B4, PES63A4 | PEJ1A, PEJ1BB4, PEJ2A4 | PEJ2A4 | | | | | Slight wording and value changes over time. A_S62/PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; A_S62D/PES62B4/PEJ1BB4 = which one? (snuff); A_S63 = now use pipes, cigars, chewing tobacco, or snuff?; A_S63D= which one? (snuff); PES62A4/PEJ2A4 = now use snuff every day, some days or not at all? |
| | Now use a water or hookah pipe filled with tobacco? | HOOKNOW | | | | | | | | PEJ2A3 | PEJ2A3 | PEJ2A3 | PEJ2A3 | PEJ2A3 = now use hookah every day, some days or not at all? |
| | Now use smokeless tobacco? | SMKLNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | CHEWEVER, SNFFEVER, CHEWNOW, SNFFNOW | PEJ2A4 | PEJ2A4 | PEJ2A4 | PEJ2A4 | This variable is constructed from CHEWEVER, SNFFEVER , CHEWNOW, and SNFFNOW from 1992 through 2007. |
| | Now use e-cigarettes? | ECIGNOW | | | | | | | | | PEJ2A3_5 | PEJ2A3_5 | PEJ2A3_5 | |
| | Now use pipes <regular pipe filled with tobacco>? | PIPENOW2 | | | PES62A, PES62B1, PES63A1 | PES62A, PES62B1, PES63A1 | PES62A, PES62B1, PES63A1 | PEJ1A, PEJ1BB1, PEJ2A1 | PEJ2A2 | PEJ2A2 | PEJ2A2 | PEJ2A2 | PEJ2A2 | Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B1/PEJ1BB1 = which one? (pipes); PES62A1/PEJ2A1/PEJ2A2 = now use pipes every day, some days or not at all? |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|--|--------------------------|-------------------------------|----------------------|---|---|---|---|---|-----------------------|-----------------------|-----------------------|-----------------------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | Now use cigars <regular cigar, cigarillos or little filtered cigars>? | CIGRNOW2 | | | PES62A, PES62B2, PES63A2 | PES62A, PES62B2, PES63A2 | PES62A, PES62B2, PES63A2 | PEJ1A, PEJ1BB2, PEJ2A2 | PEJ2A1 | PEJ2A1 | PEJ2A1 | PEJ2A1 | PEJ2A1 | Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B2/PEJ1BB2 = which one? (cigars); PES62A2/PEJ2A2/PEJ2A1 = now use cigars every day, some days or not at all? |
| | Now use chewing tobacco? | CHEWNOW2 | | | PES62A, PES62B3, PES63A3 | PES62A, PES62B3, PES63A3 | PES62A, PES62B3, PES63A3 | PEJ1A, PEJ1BB3, PEJ2A3 | PEJ2A3 | | | | | Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B3/PEJ1BB3 = which one? (chewing tobacco); PES62A3/PEJ2A3 = now use chewing tobacco every day, some days or not at all? |
| | Now use snuff? | SNFFNOW2 | | | PES62A, PES62B4, PES63A4 | PES62A, PES62B4, PES63A4 | PES62A, PES62B4, PES63A4 | PEJ1A, PEJ1BB4, PEJ2A4 | PEJ2A4 | | | | | Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B4/PEJ1BB4 = which one? (snuff); PES62A4/PEJ2A4 = now use snuff every day, some days or not at all? |
| | Now use a water or hookah pipe filled with tobacco? | HOOKNOW2 | | | | | | | | PEJ2A3 | PEJ2A3 | PEJ2A3 | PEJ2A3 | PEJ2A3 = now use hookah every day, some days or not at all? |
| | Now use smokeless tobacco? | SMKLNOW2 | | | CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2 | CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2 | CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2 | CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2 | CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2 | PEJ2A4 | PEJ2A4 | PEJ2A4 | PEJ2a4 | This variable is constructed from CHEWEVER, CHEWNOW2, SNFFEVER and SNFFNOW2 from 1992 through 2007. |
| | Now use e-cigarettes | ECIGNOW2 | | | | | | | | | PEJ2A3_5 | PEJ2A3_5 | PEJ2A3_5 | |
| | Current pipe <regular pipe filled with tobacco> use status | PIPECURR | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | PIPEEVER, PIPENOW | This variable is constructed from PIPEEVER and PIPENOW. |
| | Current cigar <regular cigar, cigarillos or little filtered cigars> use status | CIGRCURR | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | CIGREVER, CIGRNOW | This variable is constructed from CIGREVER and CIGRNOW. |
| | Current chewing tobacco use status | CHEWCURR | CHEWEVER, CHEWNOW | CHEWEVER, CHEWNOW | CHEWEVER, CHEWNOW | CHEWEVER, CHEWNOW | CHEWEVER, CHEWNOW | CHEWEVER, CHEWNOW | CHEWEVER, CHEWNOW | | | | | This variable is constructed from CHEWEVER and CHEWNOW. |
| | Current snuff use status | SNFFCURR | SNFFEVER, SNFFNOW | SNFFEVER, SNFFNOW | SNFFEVER, SNFFNOW | SNFFEVER, SNFFNOW | SNFFEVER, SNFFNOW | SNFFEVER, SNFFNOW | SNFFEVER, SNFFNOW | | | | | This variable is constructed from SNFFEVER and SNFFNOW. |
| | Current water or hookah pipe filled with tobacco use status | HOOKCURR | | | | | | | | HOOKEVER, HOOKNOW | HOOKEVER, HOOKNOW | HOOKEVER, HOOKNOW | HOOKEVER, HOOKNOW | This variable is constructed from HOOKEVER and HOOKNOW. |
| | Current smokeless tobacco use status | SMKLCURR | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | SMKLEVER, SMKLNOW | This variable is constructed from SMKLEVER and SMKLNOW. SMKLEVER and SMKLNOW were constructed variables for 1992-2007. |
| | Current e-cigarette use status | ECIGCURR | | | | | | | | | ECIGEVER, ECIGNOW | ECIGEVER, ECIGNOW | ECIGEVER, ECIGNOW | This variable is constructed from ECIGEVER and ECIGNOW. |
| | Current pipe <regular pipe filled with tobacco> use status | PIPESTAT | | | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | PIPEEVER, PIPENOW2 | This variable is constructed from PIPEEVER and PIPENOW2. |
| | Current cigar <regular cigar, cigarillos or little filtered cigars> use status | CIGRSTAT | | | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | CIGREVER, CIGRNOW2 | This variable is constructed from CIGREVER and CIGRNOW2. |
| | Current chewing tobacco use status | CHEWSTAT | | | CHEWEVER, CHEWNOW2 | CHEWEVER, CHEWNOW2 | CHEWEVER, CHEWNOW2 | CHEWEVER, CHEWNOW2 | CHEWEVER, CHEWNOW2 | | | | | This variable is constructed from CHEWEVER and CHEWNOW2. |
| | Current snuff use status | SNFFSTAT | | | SNFFEVER, SNFFNOW2 | SNFFEVER, SNFFNOW2 | SNFFEVER, SNFFNOW2 | SNFFEVER, SNFFNOW2 | SNFFEVER, SNFFNOW2 | | | | | This variable is constructed from SNFFEVER and SNFFNOW2. |
| | Current water or hookah pipe filled with tobacco use status | HOOKSTAT | | | | | | | | HOOKEVER, HOOKNOW2 | HOOKEVER, HOOKNOW2 | HOOKEVER, HOOKNOW2 | HOOKEVER, HOOKNOW2 | This variable is constructed from HOOKEVER and HOOKNOW2. |
| | Current smokeless tobacco use status | SMKLSTAT | | | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | SMKLEVER, SMKLNOW2 | This variable is constructed from SMKLEVER and SMKLNOW2. SMKLEVER and SMKLNOW2 were constructed variables for 1998-2007. |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|--|--------------------------|-------------------------------|---------|--|--|---|---|------------------------------|---|---|---|---|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | Current e-cigarette status | ECIGSTAT | | | | | | | | | ECIGEVER, ECIGNOW2 | ECIGEVER, ECIGNOW2 | ECIGEVER, ECIGNOW2 | This variable is constructed from ECIGEVER and ECIGNOW2. |
| | On how many of the past 30 days did you use pipes? | PIPEDAY | | | PES62A, PES62B1, PES63A1, PES63B1 | PES62A, PES62B1, PES63A1, PES63B1 | PES62A, PES62B1, PES63A1 , PES63B1 | PEJ1A, PEJ1BB1, PEJ2A1, PEJ2B1 | PEJ1A2, PEJ2A2, PEJ2B2 | PEJ1A2, PEJ2A2, PEJ2B2 | PEJ1A2, PEJ2A2, PEJ2B2 | PEJ1A2, PEJ2A2, PEJ2B2 | PEJ1A2, PEJ2A2, PEJ2B2 | For some day users. Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B1/PEJ1BB1 = which one? (pipes); PES62A1/PEJ2A1/PEJ2A2 = now use pipes every day, some days or not at all?; PES63B1/PES63B1/PEJ2B1/PEJ2B2 = on how many of past 30 days? |
| | On how many of the past 30 days did you use cigars? | CIGRDAY | | | PES62A, PES62B2, PES63A2, PES63B2 | PES62A, PES62B2, PES63A2, PES63B2 | PES62A, PES62B2, PES63A2, PES63B2 | PEJ1A, PEJ1BB2, PEJ2A2, PEJ2B2 | PEJ1A1, PEJ2A1, PEJ2B1 | PEJ1A1, PEJ2A1, PEJ2B1 | PEJ1A1, PEJ2A1, PEJ2B1 | PEJ1A1, PEJ2A1, PEJ2B1 | PEJ1A1, PEJ2A1, PEJ2B1 | For some day users. Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B2/PEJ1BB2 = which one? (cigars); PES62A2/PEJ2B1/PEJ2A1 = now use cigars every day, some days or not at all?; PES63B2/PEJ2B2/PEJ2B1 = on how many of past 30 days? |
| | On how many of the past 30 days did you use chewing tobacco? | CHEWDAY | | | PES62A, PES62B3, PES63A3, PES63B3 | PES62A, PES62B3, PES63A3, PES63B3 | PES62A, PES62B3, PES63A3, PES63B3 | PEJ1A, PEJ1BB3, PEJ2A3, PEJ2B3 | PEJ1A3, PEJ2A3, PEJ2B3 | | | | | For some day users. Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B3/PEJ1BB3 = which one? (chewing tobacco); PES62A3/PEJ2B3 = now use chewing tobacco every day, some days or not at all?; PES63B3/PEJ2B3/PEJ2B3 = on how many of past 30 days? |
| | On how many of the past 30 days did you use snuff? | SNFFDAY | | | PES62A, PES62B4, PES63A4, PES63B4 | PES62A, PES62B4, PES63A4, PES63B4 | PES62A, PES62B4, PES63A4, PES63B4 | PEJ1A, PEJ1BB4, PEJ2A4, PEJ2B4 | PEJ1A4, PEJ2A4, PEJ2B4 | | | | | For some day users. Slight wording and value changes over time. PES62A/PEJ1A = pipes, cigars, chewing tobacco, snuff; PES62B4/PEJ1BB4 = which one? (snuff); PES62A4/PEJ2B4 = now use snuff every day, some days or not at all?; PES63B4/PEJ2B4/PEJ2B4 = on how many of past 30 days? |
| | On how many of the past 30 days did you use a hookah? | HOOKDAY | | | | | | | | PEJ1A3, PEJ2A3, PEJ2B3 | PEJ1A3, PEJ2A3, PEJ2B3 | PEJ1A3, PEJ2A3, PEJ2B3 | PEJ1A3, PEJ2A3, PEJ2B3 | For some day users. PEJ1A3 = ever use hookah; PEJ2A3 = now use hookah every day, some days or not at all?; PEJ2B3 = on how many of past 30 days? |
| | On how many of the past 30 days did you use smokeless tobacco? | SMKLDAY | | | | | | | | PEJ1A4, PEJ2A4, PEJ2B4 | PEJ1A4, PEJ2A4, PEJ2B4 | PEJ1A4, PEJ2A4, PEJ2B4 | PEJ1A4, PEJ2A4, PEJ2B4 | For some day users. PEJ1A4 = ever use smokeless tobacco; PEJ2A4 = now use smokeless tobacco every day, some days or not at all?; PEJ2B4 = on how many of past 30 days? |
| | On how many of the past 30 days did you use e-cigarettes? | ECIGDAY | | | | | | | | | PEJ1A3_5, PEJ2A3_5, PEJ2B3_5 | PEJ1A3_5, PEJ2A3_5, PEJ2B3_5 | PEJ1A3_5, PEJ2A3_5, PEJ2B3_5 | |
| | About how long has it been since you completely quit smoking a regular pipe filled with tobacco? | PIPELOTQ | | | | | | | | PEJ1A2, PEJ2A2, PEJD12, PEJD22 | PEJ1A2, PEJ2A2, PEJD12, PEJD22 | PEJ1A2, PEJ2A2, PEJD12, PEJD22 | PEJ1A2, PEJ2A2, PEJD12, PEJD22 | |

| | | | Individual Wave Variable Name | | | | | | | | | | | Notes |
|--|---|--------------------------|-------------------------------|---------|---------|------|---------|------|---------|---|---|---|---|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | |
| | About how long has it been since you completely quit smoking cigars or cigarillos or little filtered cigars? | CIGRLOTQ | | | | | | | | PEJ1A1, PEJ2A1, PEJD11, PEJD21 | PEJ1A1, PEJ2A1, PEJD11, PEJD21 | PEJ1A1, PEJ2A1, PEJD11, PEJD21 | PEJ1A1, PEJ2A1, PEJD11, PEJD21 | |
| | About how long has it been since you completely quit smoking a water pipe or hookah pipe filled with tobacco? | HOOKLOTQ | | | | | | | | PEJ1A3, PEJ2A3, PEJD13, PEJD23 | PEJ1A3, PEJ2A3, PEJD13, PEJD23 | PEJ1A3, PEJ2A3, PEJD13, PEJD23 | PEJ1A3, PEJ2A3, PEJD13, PEJD23 | |
| | About how long has it been since you completely quit using smokeless tobacco? | SMKLOTQ | | | | | | | | PEJ1A4, PEJ2A4, PEJD14, PEJD24 | PEJ1A4, PEJ2A4, PEJD14, PEJD24 | PEJ1A4, PEJ2A4, PEJD14, PEJD24 | PEJ1A4, PEJ2A4, PEJD14, PEJD24 | |
| | About how long has it been since you completely quit using an e-cigarette? | ECIGLOTQ | | | | | | | | | PEJ1A3_5, PEJ2A3_5, PEJD13_5, PEJD23_5 | PEJ1A3_5, PEJ2A3_5, PEJD13_5, PEJD23_5 | PEJ1A3_5, PEJ2A3_5, PEJD13_5, PEJD23_5 | Subitem Jd1_35/I32_35 in 2014-15 was dropped. |
| | In total, how many years (have you smoked/did you smoke) a regular pipe? | PIPEYRS | | | | | | | | PEJ1A2, PEJD32 | PEJ1A2, PEJD32 | PEJ1A2, PEJD32 | PEJ1A2, PEJD32 | |
| | In total, how many years (have you/did you) smoke cigars or cigarillos or little filtered cigars? | CIGRYRS | | | | | | | | PEJ1A1, PEJD31 | PEJ1A1, PEJD31 | PEJ1A1, PEJD31 | PEJ1A1, PEJD31 | PEJ1A1 = ever use; PEJD31 = how many years |
| | In total, how many years (have you/did you) smoke a water or hookah pipe filled with tobacco? | HOOKYRS | | | | | | | | PEJ1A3, PEJD33 | PEJ1A2, PEJD32 | PEJ1A2, PEJD32 | PEJ1A2, PEJD32 | |
| | In total, how many years (have you used/did you use) smokeless tobacco? | SMKLYRS | | | | | | | | PEJ1A4, PEJD34 | PEJ1A4, PEJD34 | PEJ1A4, PEJD34 | PEJ1A4, PEJD34 | |
| | In total, how many years (have you used/did you use) e-cigarettes? | ECIGYRS | | | | | | | | | PEJ1A3_5, PEJD33_5 | PEJ1A3_5, PEJD33_5 | PEJ1A3_5, PEJD33_5 | |
| | During the past 30 days, what type of cigar did you use most often? | CIGRTYPE | | | | | | | | | PEJB | PEJB | | |
| | When you smoke a cigar is it usually flavored? | CIGRFLVR | | | | | | | | | PEJNFLVR1 | PEJNFLVR1 | | |
| | When you smoke a regular pipe filled with tobacco is it usually flavored? | PIPEFLVR | | | | | | | | | PEJNFLVR2 | PEJNFLVR2 | | |
| | | HOOKFLVR | | | | | | | | | PEJNFLVR3 | PEJNFLVR3 | | |
| | When you smoke a water/hookah pipe filled with tobacco is it usually flavored? | | | | | | | | | | | | | |
| | When you use smokeless tobacco is it usually flavored? | SMKFLVR | | | | | | | | | PEJNFLVR4 | PEJNFLVR4 | | |
| | When you use an e-cigarette is it usually flavored? | ECIGFLVR | | | | | | | | | PEJNFLV35 | PEJNFLV35 | | |
| | Do you use e-cigarettes because you can use them at times when or in places where smoking cigarettes isn't allowed? | ECIGBRDG | | | | | | | | | PEJECIGRA | PEJECIGRA | | |
| | Do you use e-cigarettes to help you quit smoking cigarettes? | ECIGTOQT | | | | | | | | | PEJECIGRD | PEJECIGRD | PEJECIGRD | |
| | Which of the following best describes the type of e-cigarette you currently use? If you use more than one type, please think of the one you use most often | ECIGTYPE | | | | | | | | | | PEJECIG2 | PEJECIG2 | |
| | Do you usually buy your own (e-cigarettes / e-cigarette pods or cartridges / e-liquid)? | BUYECIG | | | | | | | | | | PEJECIG3 | PEJECIG3 | "pods or" added to question text in 2022-23 |
| | Do you usually buy {e-cigarettes/e-cigarette pods or cartridges/bottles of e-liquid} by the box or pack, or as as {single e-cigarettes/single e-cigarette pods or cartridges/a single bottle of e-liquid}? | BUYPKECG | | | | | | | | | | PEJCOST1 | PEJCOST1 | "pods or" added to question text in 2022-23 |
| | What price did you pay for the LAST BOX OR PACK of {e-cigarettes/e-cigarette pods or cartridges/bottles of e-liquid} you bought? | PRCEBOX | | | | | | | | | | PTJCOST2 | PTJCOST2 | "pods or" added to question text in 2022-23 |
| | How many {e-cigarettes/e-cigarette pods or cartridges/bottles of e-liquid} came in the LAST BOX OR PACK you bought? | NUMECIGS | | | | | | | | | | PEJCOST3 | PEJCOST3 | "pods or" added to question text in 2022-23 |

| | | | Individual Wave Variable Name | | | | | | | | | | | Notes |
|--|--|--------------------------|----------------------------------|----------------------------------|----------------------------------|------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|---|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | |
| | What price did you pay for the LAST {e-cigarette/e-cigarette pod or cartridge/ bottle of e-liquid} you bought? | PRCESNGL | | | | | | | | | | PTJCOST4 | PTJCOST4 | "pods or" added to question text in 2022-23 |
| | How many MILLILITERS of liquid were in a SINGLE bottle you LAST bought? | ECIGVOL | | | | | | | | | | PEJCOST5 | PEJCOST5 | |
| | Did you use e-cigarettes because you could use them at times when or in places where smoking cigarettes wasn't allowed? | FMECIGBR | | | | | | | | | PEJECIGRA PEJFECGRA | PEJFECGRA | | |
| | Did you use e-cigarettes to help you quit smoking cigarettes? | FMECIGQT | | | | | | | | | PEJECIGRD, PEJFECGRD | PEJFECGRD | JFECGRD | |
| | Time to first other tobacco product, minutes | TTFOTP | | | | | | | | | PEJ3A1, PEJ3A2 | PEJ3A1, PEJ3A2 | PEJ3A1, PEJ3A2 | |
| | Use first other tobacco product of the day within first 30 minutes | TTFOTP30 | | | | | | | | | PEJ3D | PEJ3D | PEJ3D | |
| | In the 12 months before you quit, time to first other tobacco product, minutes | FMTTFOTP | | | | | | | | | PEJ3F1, PEJ3F2 | PEJ3F1, PEJ3F2 | PEJ3F1, PEJ3F2 | |
| | In the 12 months before you quit, use first other tobacco product of the day within first 30 minutes | FMTTFO30 | | | | | | | | | PEJ3G | PEJ3G | PEJ3G | |
| | During the past 12 months, have you stopped using other tobacco product for one day or longer because you were trying to quit? | PYSTPOTP | | | | | | | | | PEJ4 | PEJ4 | PEJ4 | |
| | During the past 12 months, what is the longest length of time you stopped using other tobacco product because you were trying to quit? | PYLTOTP | | | | | | | | | PEJ4, PEJ6BNUM, PEJ6BUNT | PEJ4, PEJ6BNUM, PEJ6BUNT | PEJ4, PEJ6BNUM, PEJ6BUNT | |
| SECTION K. WORKPLACE POLICY, HOME RULES, PUBLIC OPINION ABOUT SMOKING IN PUBLIC VENUES | | | | | | | | | | | | | | |
| | Which of these best describes the area in which you work most of the time? | WKAREA92 | A_S67 | PES67 | PES67 | | PES67 | | | | | | | |
| | Which of these best describes the area in which you work most of the time? | WKAREA03 | | | | | | PEK1 | PEK1 | | | | | |
| | Do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place? | WKINDPLC | | | | | | PEK1B | PEK1B | | | | | |
| | In which state, do you work on your main job or business? | WKSTATE | | | | | | PEK1C | PEK1C | | | | | |
| | Do you mainly work indoors or outdoors? | WKAREA10 | | | | | | | | PEK1A | PEK1A | PEK1A | PEK1A | |
| | When you work indoors: do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place? | WKINDPL1 | | | | | | | | PEK1B | PEK1B | PEK1B | PEK1B | |
| | In which state do you work? | WKSTATE1 | | | | | | | | PEK1B1 | PEK1B1 | PEK1B1 | PEK1b1 | |
| | When you work indoors: do you mainly work in an office building, in your own home, in someone else's home, or in another indoor place? | WKINDPL2 | | | | | | | | PEK1B2 | PEK1B2 | PEK1B2 | PEK1B2 | |
| | In which state do you work on your main indoor job or business? | WKSTATE2 | | | | | | | | PEK1C | PEK1C | PEK1C | PEK1C | |
| | Does your place of work have an official policy that restricts smoking in any way? | WKPOLICY | A_S68 | PES68 | PES68 | | PES68 | PEK2A | PEK2A | PEK2A | PEK2A | PEK2A | PEK2A | |
| | Which of these best describes your place of work's smoking policy for indoor public or common areas, such as lobbies, rest rooms, and lunch rooms? | WKPOLIND | A_S68, A_S69 | PES69 | PES69 | | PES69 | PEK3A | PEK3A | PEK3A | PEK3A | PEK3A | PEK3A | |
| | Which of these best describes your place of work's smoking policy for work areas? | WKPOLWRK | A_S68, A_S70 | PES70 | PES70 | | PES70 | PEK3B | PEK3B | PEK3B | PEK3B | PEK3B | PEK3B | |
| | Smoking policy at work. | WORKBAN | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | WKPOLICY, WPOLIND, WPOLWRK | |
| | Within the past 12 months, has your employer offered any stop smoking program or help to quit smoking? | WKSTPSMK | A_S71 | PES71 | PES71 | | PES71 | | PEK3D | PEK3D | PEK3D | | | |
| | During the past two weeks has anyone smoked in the area in which you work? | WKSМК2WK | | PES70A | PES70A | | PES70A | | PEK3C | PEK3C | | PEK3C | PEK3C | |
| | Which of these best describes the vaping or e-cigarette policy at your place of work for INDOOR PUBLIC OR COMMON AREAS AND INDOOR WORK AREAS | WKPOLECG | | | | | | | | | | PEK3B1 | PEK3B1 | |
| | During the PAST TWO WEEKS, has anyone vaped or used e-cigarettes in the area in which you work? | WKSМК2EC | | | | | | | | | | PEK3C1 | PEK3C1 | |
| | In restaurants, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? | ATSMKRST | A_S72A | PES72A | PES72A | | PES72A | | PEK61 | | | | | Response categories changed over time. |

| | | | Individual Wave Variable Name | | | | | | | | | | | |
|--|---|--------------------------|-------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|--|
| | Question/Item | Harmonized Variable Name | 1992-93 | 1995-96 | 1998-99 | 2000 | 2001-02 | 2003 | 2006-07 | 2010-11 | 2014-15 | 2018-19 | 2022-2023 | Notes |
| | In hospitals, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? | ATSMKHSP | A_S72B | PES72B | PES72B | | PES72B | | | | | | | Response categories changed over time. |
| | In indoor work areas, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? | ATSMKIWA | A_S72C | PES72C | PES72C | | PES72C | | PEK62 | | PEK6B | PEK6B | PEK6B | Response categories changed over time. |
| | In bars and cocktail lounges, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? | ATSMKBAR | A_S72D | PES72D | PES72D | | PES72D | PEK5 | PEK63 | PEK6C | PEK6C | PEK6C | PEK6C | Slight wording changes over time; variables changed over time. |
| | In indoor sporting events, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? | ATSMKISP | A_S72E | PES72E | PES72E | | PES72E | | PEK64 | | | | | Response categories changed over time. |
| | In indoor shopping malls, do you think that smoking should be allowed in all areas, in some areas, or not allowed at all? | ATSMKISM | A_S72F | PES72F | PES72F | | PES72F | | | | | | | |
| | On outdoor children's playgrounds and outdoor children's sports fields, do you think that smoking should be allowed in all areas, allowed in some areas, or not allowed at all? | ATSMKPLY | | | | | | | PEK66 | PEK6F | PEK6GA | | | |
| | Inside casinos, do you think that smoking should be allowed in all areas, allowed in some areas, or not allowed at all? | ATSMKCAS | | | | | | | | PEK6G | PEK6G | PEK6G | PEK6G | |
| | Inside a car, when there are other people present, do you think that smoking should be allowed in all areas, allowed in some areas, or not allowed at all? | ATSMCARO | | | | | | | | PEK6H | PEK6H | PEK6H | PEK6H | |
| | If children are present inside the car, do you think that smoking should be allowed in all areas, allowed in some areas, or not allowed at all? | ATSMCARC | | | | | | | | PEK6H2 | PEK6H2 | PEK6H2 | PEK6H2 | Respondents with no response (missing), refused or don't know to PEK6H in May and August 2010 should have gotten this question but didn't. |
| | Which statement best describes the rules about smoking in your home? | HMSMKPOL | A_S73 | PES73 | PES73 | | PES73 | PEK4 | PEK4 | PEK4 | PEK4 | PEK4 | PEK4 | |
| | Which statement best describes the rules about vaping or using e-cigarettes INSIDE YOUR HOME? | HMECGPOL | | | | | | | | | | PEK4A | PEK4A | |
| | In buildings with multiple apartments or living areas, do you think that smoke should be: | MUHSMPOL | | | | | | | | | PEK5a | PEK5A | PEK5A | |
| | In your opinion, how easy is it for minors to buy cigarettes and other tobacco products in your community? | ATMINBUY | A_S75 | PES75 | PES75 | | PES75 | | | | | | | |
| | Do you think that giving away free sample by tobacco companies should be always allowed, allowed under some conditions, or not allowed at all? | ATSAMPLE | A_S76 | PES76 | PES76 | | | | | | | | | |
| | Do you think advertising of tobacco products should be always allowed, allowed under some conditions, or not allowed at all? | ATTOBADV | A_S77 | PES77 | PES77 | | PES77 | | | | | | | |
| | Self response weight | SRWEIGHT | A_SRWt90 | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | PWSRWGT | |