

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.

Question/Item	Harmonized Variable Name	Individual Wave Variable Name											Notes
		1992-93	1995-96	1998-99	2000	2001-02	2003	2006-07	2010-11	2014-15	2018-19		
Core CPS Items													
Survey wave	SURWAVE	1	2	3	4	5	6	7	8	9	10		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	HUSPNISH		Not available in 1992-1993 and 2018-2019
Are your living quarters Owned or being bought by a household member, rented for cash, or occupied without payment of cash rent	HMOWNRNT	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	HETENURE	
Family income	FAMINC	H_FAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HUFAMINC	HEFAMINC	Slight changes in response categories over time. Family income allocation flag (HXFAMINC) in 2010-2011 and 2014-2015.
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	1995 and later
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		GECO	GECO	GECO	GECO	GECO	GECO	GTCO	GTCO	GTCO	GTCO	Variable was constructed. This code must be used with a state code (FIPS) in order to uniquely identify a county. Not all counties identified. Constructed variable in harmonized data file is STCOUNTY. This variable includes state and county.
Metropolitan status	METSTAT	H_METSTA	GEMETSTA	GEMETSTA	GEMETSTA	GEMETSTA	GEMETSTA	GEMETSTA	GEMETSTA	GEMETSTA	GEMETSTA	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		PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	PEAFEVER	1995 and later
Race (1992-2002)	RACE92	A_RACE	PERACE	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.
Hispanic or non-Hispanic origin	HISPAN	A_REORGN	PRHSPNON	PRHSPNON	PRHSPNON	PRHSPNON	PRHSPNON	PEHSPNON	PEHSPNON	PEHSPNON	PEHSPNON	PEHSPNON	1992-1993 asked specificity of origin; 1995+ asked as dichotomous variable
Marital Status	MARITAL	A_MARITL	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	PRMARSTA	
Highest Level of School Completed or Degree Received	EDU	A_HGA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	PEEDUCA	question was not asked in 2003 but variable was constructed. PEEDUCA variable same as EDU.
Monthly Labor Force Recode	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	NATVTY variable same as NATIVITY,
Mother's Country of Birth	NATIVITYM		PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	PEMNTVTY	NATVTYM variable same as NATIVITYM.
Father's Country of Birth	NATIVITYF		PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	PEFNTVTY	NATVTYF variable same as NATIVITYF.
Citizenship Status	CITIZEN		PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	PRCITSHP	Slight changes in response categories over time.
Immigrant's Year of Entry	YEARINUS		PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	PRINUSYR	
What is the main reason you were absent from work last week?	ABSNTRSN		PEABSRN	PEABSRN	PEABSRN	PEABSRN	PEABSRN	PEABSRN	PEABSRN	PEABSRN	PEABSRN	PEABSRN	1995 and later
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	1995 and later
Do you have more than one job?	MULTJOBS		PEMJOT	PEMJOT	PEMJOT	PEMJOT	PEMJOT	PEMJOT	PEMJOT	PEMJOT	PEMJOT	PEMJOT	1995 and later
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	1995 and later
Calculated weekly overtime amount	OTWKAMT		PEERN	PEERN	PEERN	PEERN	PEERN	PEERN	PEERN	PEERN	PEERN	PEERN	1995 and later
Number of children <18 years of age	CHILDNUM				CHILDNUM	CHILDNUM	CHILDNUM	CHILDNUM	CHILDNUM	CHILDNUM	CHILDNUM	CHILDNUM	2000 and later

			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	Notes	
Presence of own children <18 years of age by selected age group	CHILD				PRCHLD, PRNMCHLD	PRCHLD, PRNMCHLD	PRCHLD, PRNMCHLD	PRCHLD, PRNMCHLD	PRCHLD, PRNMCHLD	PRCHLD, PRNMCHLD	PRCHLD, PRNMCHLD	2000 and later	
Any own children 0-2 years of age	CHILD2				PRCHLD1	PRCHLD1	PRCHLD1	PRCHLD1	PRCHLD1	PRCHLD1	PRCHLD1	2000 and later	
Any own children 3-5 years of age	CHILD5				PRCHLD2	PRCHLD2	PRCHLD2	PRCHLD2	PRCHLD2	PRCHLD2	PRCHLD2	2000 and later	
Any own children 6-13 years of age	CHILD13				PRCHLD3	PRCHLD3	PRCHLD3	PRCHLD3	PRCHLD3	PRCHLD3	PRCHLD3	2000 and later	
Any own children 14-17 years of age	CHILD17				PRCHLD4	PRCHLD4	PRCHLD4	PRCHLD4	PRCHLD4	PRCHLD4	PRCHLD4	2000 and later	
Individual class or work code on first job	WRKCLSS1		PEIO1COW	PEIO1COW	PEIO1COW	PEIO1COW	PEIO1COW	PEIO1COW	PEIO1COW	PEIO1COW	PEIO1COW	Not available in 1992-1993	
Individual class or work code on second job	WRKCLSS2		PEIO2COW	PEIO2COW	PEIO2COW	PEIO2COW	PEIO2COW	PEIO2COW	PEIO2COW	PEIO2COW	PEIO2COW	Not available in 1992-1993	
Detailed industry recode - job 1 (1992-2002)	IND1DT92	PRDTIND1	PRDTIND1	PRDTIND1	PRDTIND1	PRDTIND1							
Detailed industry recode - job 1 (2003 and later)	IND1DT03						PRDTIND1	PRDTIND1	PRDTIND1	PRDTIND1	PRDTIND1		
Detailed industry recode - job 2 (1992-2002)	IND2DT92	PRDTIND2	PRDTIND2	PRDTIND2	PRDTIND2	PRDTIND2							
Detailed industry recode - job 2 (2003 and later)	IND2DT03						PRDTIND2	PRDTIND2	PRDTIND2	PRDTIND2	PRDTIND2		
Detailed occupation recode - job 1 (1992-2002)	OCC1DT92	PRDOCC1	PRDOCC1	PRDOCC1	PRDOCC1	PRDOCC1							
Detailed occupation recode - job 1 (2003 and later)	OCC1DT03						PRDOCC1	PRDOCC1	PRDOCC1	PRDOCC1	PRDOCC1		
Detailed occupation recode - job 2 (1992-2002)	OCC2DT92	PRDOCC2	PRDOCC2	PRDOCC2	PRDOCC2	PRDOCC2							
Detailed occupation recode - job 2 (2003 and later)	OCC2DT03						PRDOCC2	PRDOCC2	PRDOCC2	PRDOCC2	PRDOCC2		
Major industry recode - job 1 (1992-2002)	IND1MJ92	PRMJIND1	PRMJIND1	PRMJIND1	PRMJIND1	PRMJIND1							
Major industry recode - job 1 (2003 and later)	IND1MJ03						PRMJIND1	PRMJIND1	PRMJIND1	PRMJIND1	PRMJIND1		
Major industry recode - job 2 (1992-2002)	IND2MJ92	PRMJIND2	PRMJIND2	PRMJIND2	PRMJIND2	PRMJIND2							
Major industry recode - job 2 (2003 and later)	IND2MJ03						PRMJIND2	PRMJIND2	PRMJIND2	PRMJIND2	PRMJIND2		
Major occupation recode - job 1 (1992-2002)	OCC1MJ92	PRMJOCC1	PRMJOCC1	PRMJOCC1	PRMJOCC1	PRMJOCC1							
Major occupation recode - job 1 (2003 and later)	OCC1MJ03						PRMJOCC1	PRMJOCC1	PRMJOCC1	PRMJOCC1	PRMJOCC1		
Major occupation recode - job 2 (1992-2002)	OCC2MJ92	PRMJOCC2	PRMJOCC2	PRMJOCC2	PRMJOCC2	PRMJOCC2							
Major occupation recode - job 2 (2003 and later)	OCC2MJ03						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 HRSERSUF PULINENO	HRHHID HRSERSUF PULINENO	HRHHID HRSERSUF PULINENO	HRHHID HRSERSUF PULINENO		
Unique household identifier	QSTNUM			QSTNUM	QSTNUM	QSTNUM	QSTNUM	QSTNUM	QSTNUM	QSTNUM	QSTNUM		
Unique person identifier	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	S32	S32	PES32	S32	A1	A1	A1	A1	A1		
How old (were/was) (you/name) when (you/he/she) first started smoking cigarettes FAIRLY REGULARLY?	CIGAGE	A_S33	S33	S33	PES33	S33	A2	A2	A2	A2	A2		
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								A2A	A2A	A2A	Includes experimental smokers.	
In what state or country did (you/name) live when (you/he/she) started to smoke cigarettes fairly regularly?	CGSTCRY								A2B1	A2B1			
In what state or country did (you/name) live when (you/he/she) FIRST smoked part or all of a cigarette?	CGSTCRYX								A2C1	A2C1		Includes experimental smokers.	
(Do/Does) (you/name) now smoke cigarettes every day, some days, or not at all?	CIGNOW	A_S34	S34	S34	PES34	S34	A3	A3	A3	A3	A3		
Current Cigarette Smoking Status	CIGSTAT	CIG100, CIGNOW	SMOKSTAT	SMOKSTAT	SMOKSTAT	SMOKSTAT	SMOKSTAT	SMOKSTAT	SMOKSTAT	SMOKSTAT	SMOKSTAT	Constructed from CIG100 and CIGNOW variables in 1992-93 and SMOKSTAT in 1995-2019.	
SECTION B. EVERY-DAY SMOKER HISTORY/CONSUMPTION SERIES													
On the average, about how many cigarettes do you now smoke a day?	CPDD	A-S36	S36	S36		S36	B1	B1	B1	B1	B1	Slight wording changes over time. Top coded at 40 cigarettes per day in 2010-11 and later.	
Would you say that, on average, you now smoke more or less than 20 cigarettes each day?	CPDD20						B1a	B1a	B1a	B1a	B1a	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						B2	B2	B2	B2	B2	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	B5aNUM		
How soon after you wake up do you typically smoke your first cigarette of the day? (unit)	TTFC						PEB5aUNT	PEB5aUNT	PEB5aUNT	PEB5aUNT	B5aUNT		

			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	Notes	
Would you say you smoke your first cigarette of the day within the first 30 minutes?	TTFC30						PEB5B	PEB5B	PEB5B	PEB5B	B5B		
Do you usually buy your own cigarettes?	BUYCIG						PEB6a	PEBA6A	PEBA6A	PEBA6A	BA6A	Variable was constructed from BUYPKCR.	
Do you usually buy your cigarettes by the pack or by the carton?	BUYPKCR						PEB6A	PEB6A	PEB6A	PEB6A	B6A		
What price did you pay for the last pack of cigarettes you bought? (cost after using discounts or coupons)	PRICELPK						PEB6B	PEB6B	PEB6B	PTB6B	B6B/B6B2		
What price did you pay for the last carton of cigarettes you bought? (cost after using discounts or coupons)	PRICELCR						PEB6C	PEB6C	PEB6C	PTB6C	B6c/B6c2		
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	B6D/B6D1		
In what other state did you buy your last (pack/carton) of cigarettes?	CIGSTATE						PEB6D2	PEB6D2	PEB6D21	PEB6D21	B6D2		
Did you buy your last (pack/carton) of cigarettes from an Indian reservation?	CIGINDRS								PEB6D3	PEB6D3	B6D3		
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	B6DOTH		
In the last 2 months, have you bought any single or individual cigarettes?	SNGLCIG							PEB6E1	PEB6E1	PEB6E1	B6E1	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	B6E31	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	B6E32	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.	
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.	
For how long have you smoked every day?	YRSSMKDG								PEB7C	PEB7C	PEB7C		
Number of years smoked every day	YRSSMKDH	YRSSMKDC	YRSSMKDC	YRSSMKDC		YRSSMKDC	YRSSMKDC	YRSSMKDC	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	B7C2		
For how long (have you smoked/did you smoke) menthol cigarettes?	MENTHGRP								PEB7C3	PEB7C3	B7C3		
Menthol use	MENTHOL								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	B8		
Around this time 12 months ago, on the average, about how many cigarettes did you smoke each day?	CPDD12							PEB9	PTB9	PTB9	B9		
Around this time 12 months ago, on how many of the 30 days in the month did you smoke cigarettes?	CIGDAY12							PEB10A	PEB10A	PEB10A	B10A		
On the average, on those <days, days you smoked>, how many cigarettes did you usually smoke each day?	CPDS12							PEB10B	PTB10B	PTB10B	B10B		
SECTION C. SOME-DAY SMOKER SERIES													
On how many of the past 30 days did you smoke cigarettes?	CIGDAY	A-S37	S37	S37		S37	C1	C1	C1	C1	C1		

			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	Notes	
Would you say you smoked on AT LEAST 12 DAYS in the past 30 days?	CIGDAY20							C1i	C1i	C1i	C1i		
On the average, on those [fill entry C1] days, how many cigarettes did you usually smoke each day?	CPDS	A-S38	S38	S38		S38	C1A	C1A	C1A	C1A	C1A	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						C2	C2	C2	C2	C2	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	C5aNUM		
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	C5aUNT		
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	C5B		
Do you usually buy your own cigarettes?	BUYCIG						PEC6a	PECA6A	PECA6A	PECA6A	CA6A	Variable was constructed.	
Do you usually buy your cigarettes by the pack or by the carton?	BUYPKCR						PEC6A	PEC6A	PEC6A	PEC6A	C6A	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)	PRICELPK						PEC6B	PEC6B	PEC6B	PTC6B	C6B/C6B2	2014-2015 top coded at 14.15 2018-2019 top coded at 16.50	
What price did you pay for the last carton of cigarettes you bought? (cost after using discounts or coupons)	PRICLCR						PEC6C	PEC6C	PEC6C	PTC6C	C6C/C6C2	2014-2015 top coded at 99.00 2018-2019 top coded at 112.00	
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									PEB6C4 PEC6C4 B6c4 C6c4	PEB6C4 PEC6C4 B6c4 C6c4		
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	C6D1		
In what other state did you buy your last (pack/carton) of cigarettes?	CIGSTATE						PEC6D2	PEC6D2	PEC6D21	PEC6D21	C6D2		
Did you buy your last (pack/carton) of cigarettes from an Indian reservation?	CIGINDRS								PEC6D3	PEC6D3	C6D3		
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	C6DOTH		
In the last 2 months, have you bought any single or individual cigarettes?	SNGLCIG							PEC6E1	PEC6E1	PEC6E1	C6E1	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							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	C6E31	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	C6E32	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	C7D2		
For how long (have you smoked/did you smoke) menthol cigarettes?	MENTHGRP								PEC7D3	PEC7D3	C7D3		
Menthol use	MENTHOL								CIGTYPE, MENTHREG	CIGTYPE, MENTHREG	CIGTYPE, MENTHREG	Constructed from CIGTYPE and MENTHREG variables	
Have you ever smoked cigarettes every day for at least 6 months?	SDEVRDLY	A_S39	PES39	PES39		PES39	PEC7A	PEC7A	PEC7A	PEC7A	C7A		

			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	Notes	
When you last smoked every day, on average how many cigarettes did you smoke daily?	SDEVRCIG	A_S41,A_S41A	PES41	PES41		PES41	PEC7C	PEC7C	PTC7E	PTC7E	C7E	Slight changes in response categories over time. 2010 and later top coded at 20	
About how long has it been since you last smoked cigarettes every day?	SDYRSDLY	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.	SDYRSMKC	A_S42,A_S42A	PES42	PES42		PES42	PEC7D	PEC7D				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.	SDYRSMKG								PEC7D	PEC7D	C7D		
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	C8		
Around this time 12 months ago, on the average, about how many cigarettes did you smoke each day?	CPDD12							PEC9	PTC9	PTC9	C9	2010 and later top coded. Current every day: 40 Current some day: 30	
Around this time 12 months ago, on how many of the 30 days in the month did you smoke cigarettes?	CIGDAY12							PEC10A	PEC10A	PEC10A	C10A		
On the average, on those <days, days you smoked>, how many cigarettes did you usually smoke each day?	CPDS12							PEC10B	PTC10B	PTC10B	C10B	2010 and later top coded. Current every day: 20 Current some day: 15	
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		
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		
During the past 12 months, what is the longest length of time you stopped smoking because you were trying to quit smoking?	PYMLTD		PES46AUN	PES46AUN		PES46AUN	PED6NUM, PED6UNT, PED5	PED6NUM	PED6NUM, PED6UNT, PED5	PED6NUM, PED6UNT, PED3	PED6NUM, PED6UNT, PED6B	Follow-up question (PED3/PED5): How many times during the past year have you stopped smoking for one day or longer because you were trying to quit smoking?	
The last time you stopped smoking during the past 12 months because you were trying to quit, how long did you stop for?	PYMLTDU						PED4NUM, PED4UNT, PED5	PED4NUM	PED4NUM, PED4UNT, PED5	PED6CNUM, PED6CUNT, PED3	PED6CNUM, PED6CUNT, PED6C2	Follow-up question (PED3/PED5): 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?	EVTRYQD						PED7	PED7	PED8R	PED8R	PED8R	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).	
During the past 12 months, have you ever made a serious attempt to stop smoking because you were trying to quit?	PYTRYQD						PED8	PED8	PED7R	PED7R	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	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	For some day smokers who smoked more than 11 of the past 30 days	

			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	Notes	
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, PED6B, PED6CNUM, PED6UNT, PED6C2	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	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	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	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							PEDB	PEDB	PEDB	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.	
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	PED6CNUM, PED6CUNT	PED6CNUM, PED6CUNT, PED6C2	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?	

			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	Notes	
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			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		
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		
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		
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		
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 = "smokeless tobacco such as chewing tobacco, snuff or snus"; PEE1C2B = "regular cigars, cigarillos, little filtered cigars or pipes filled with tobacco"	
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? (2014-2015, 2018-2019)	PYQPTN5									PEE1C2C E1C22C PEE1C22C	PEE1C2C PEE1C22C E1C22C		
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	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	PES48	PES48			PES48		PEF1B	PEF1B	PEF1B	PEF1B	Slight wording changes over time. Response categories changed over time.
In the past 12 months, did the doctor also suggest that you call or use a telephone help line or quit line?	DOCADVQL								PEF1C, PEF1C1	PEF1C, PEF1C1			Slight wording changes over time.
Has a medical doctor ever advised you to stop smoking?	DOCADVEV	A_S49	PES49	PES49			PES49		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.

			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	Notes	
During the past year/12 months, did any dentist advise you to stop smoking?	DDSADVYR	A_S51	PES51	PES51		PES51		PEF2B	PEF2B			Slight wording changes over time. Response categories changed over time.	
In the past 12 months, did the dentist also suggest that you call or use a telephone help line or quit line?	DDSADVQL							PEF2C, PEF2C1	PEF2C, PEF2C1				
Has a dentist ever advised you to stop smoking?	DDSADVEV	A_S52	PES52	PES52		PES52		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	Slight wording changes over time. Response categories changed over time.	
Are you planning to stop/quit within the next 30 days?	INTQT30D	A_S54	PES54	PES54		PES54	PEG2	PEG2	PEG2	PEG2	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		
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		
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	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	PES56NUM		PES56NUM	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	Slight wording changes over time. Response categories changed over time. 2010 and later top coded at 50	
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	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	Slight wording changes over time; Subitems H1b-c 2014-15 were dropped.	
Around this time 12 months ago, were you smoking cigarettes every day, some days or not at all?	FMCGST12	A_S61	PES61	PES61		PES61	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	PEH6A	PTH6A	For former smokers who quit within the past year, every day smokers around 12 months ago. 2010 and later top coded at 40.	
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	For former smokers who quit within the past year, every 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	For former smokers who quit within the past year, every day smokers around 12 months ago. 2010 and later top coded at 20.	
Thinking back to the 12 months before you quit smoking cigarettes, during that time, did you usually smoke menthol or non-menthol cigarettes?	FMMNTH12								PEH6C2	PEH6C2	PEH6C2	Harmonized from 2010 on. In 2010-11, H6Ci asked if using menthol "Around this time 12 months ago." Subitems H6C31-4 were dropped.	
Have you ever smoked menthol cigarettes for 6 months or more?	FMMNTHRG								PEH6C4	PEH6C4	PEH6C4	Universe includes respondents who quit smoking in past 3 years.	
For how long have you smoked menthol cigarettes?	FMMNTHGP								PEH6C5	PEH6C5	PEH6C5	Categorical variable. Universe includes respondents who quit smoking in past 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	Notes	
In the 12 months before you completely quit smoking, did you see a medical doctor?	FMDOCSEE								PEH61A	PEH61A	PEH61A	For 2006-07, the universe includes respondents who quit smoking in past year, while in 2010-15, it includes respondents who quit smoking in past 3 years. FMDOCSEE variable same as FRMDOCSEE.	
During the 12 months before you completely quit smoking, did any medical doctor advise you to stop smoking?	FMDOCADV								PEH61B	PEH61B	PEH61B	The universe for 2006-07 includes respondents who quit smoking in past year, while in 2010-15, it includes respondents who quit smoking in past 3 years.	
In the past 12 months before you quit smoking, 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?	FMDOCQL							PEH61C	PEH61C1			Slight wording changes. Subitems H61c2-5 in 2010-11 and Subitem H6.1d in 2006-07 were dropped.	
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	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	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 2018-2019, those who quit in past year. Data harmonized based on subset who quit smoking in past 3 years.	
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	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. Data harmonized based on subset who quit smoking in past 3 years. Subitem H8c in 2010-11 was dropped.	
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 (unless dropped, as noted).	
- A nicotine patch	FMQTNRT1						PEH10A2		PEH6D1				
- Nicotine gum or lozenge	FMQTNRT2						PEH10A1, PEH10A5		PEH6D2				
- A nicotine nasal spray or inhaler	FMQTNRT3						PEH10A3, PEH10A4		PEH6D3				
- A prescription pill	FMQTNRT4						PEH10A7		PEH6D7A, PEH6D7B, PEH6D7C		PEH6D7A, PEH6D7B		
- A telephone help line or quit line	FMQTHLP1						PEH10B1	PEH10B	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. Subset to those that quit in last 3 years and then harmonized.	
- A stop smoking clinic, class, or support group	FMQTHLP2						PEH10B2		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. Subset to those that quit in last 3 years and then harmonized.	

			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	Notes	
- One-on-one counseling	FMQTHLP3						PEH10B3		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. Subset to those that quit in last 3 years and then harmonized.	
- 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. Subset to those that quit in last 3 years and then harmonized.	
- The Internet or web-based program or tool	FMQTHLP5						PEH10B5		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. Subset to those that quit in last 3 years and then harmonized.	
- 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. Subset to those that quit in last 3 years and then harmonized.	
- 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. Subset to those that quit in last 3 years and then harmonized.	
- Which - (1) Acupuncture (2) Hypnosis (3) Both	FMQTHLP7A						PEH10B7A		PEH6E7A			In 2003, universe includes respondents who quit smoking in past 5 years; in 2010-11, universe includes respondents who quit in last 3 years. Subset to those that quit in last 3 years and then harmonized.	
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. Subset to those that quit in last 3 years and then harmonized.	
- Try to quit by switching to chewing tobacco, snuff, cigars or pipes	FMQTPTN2						PEH10C2		PEH6FA2	H6FA2	H6FA2	Universe includes former smokers who quit within the past [2003: 5 years/2010-2011, 2014-2015: 3 years, 2018-2019 1 year]	
- Did you switch to a lighter cigarette in order to try to quit	FMQTPTN3						PEH10C3		PEH6FA3			Universe in 2003 quit smoking in past 5 years; universe in 2010-11 quit in last 3 years. Subset to those that quit in last 3 years and then harmonized. Items H6Fa3b-c in 2010-11 were dropped.	
- 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. Subset to those that quit in last 3 years and then harmonized. Subitems H6f1-2 in 2010-11, H11a-H13d in 2003 were dropped.	
- Would you say you quit cold turkey or some other way	FMQTPTN4A						PEH10C4A		PEH6FA4A				

			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	Notes	
Thinking back to the 12 months before you completely quit smoking smoking cigarettes, during that time, did you usually smoke menthol or non-menthol cigarettes?	FMMNTHUB								PEH11A	PEH11A	PEH11A	Universe includes respondents who quit smoking more than 3 years prior.	
For each of the following, please tell me whether it's a reason you smoked [menthol/non-menthol] cigarettes?													
Have you ever smoked menthol cigarettes for 6 months or more?	FMMNTHRG								PEH11C	PEH11C	PEH11C	Universe includes respondents who quit smoking more than 3 years prior.	
For how long did you smoke menthol cigarettes?	FMMNTHGP								PEH11D	PEH11D	PEH11D	Categorical variable. Universe includes respondents who quit smoking more than 3 years prior.	
Section J. Other Tobacco Products Section J (2003-2015)													
<i>Note: Most quit variables for other tobacco products were dropped; it was assumed harmonized variables for these items may not be useful to researchers. Items regarding brand or type of specific tobacco product were dropped because it was assumed the original data would be more useful than a harmonized variable on brand.</i>													
About how long has it been since you completely quit smoking cigars or cigarillos or little filtered cigars?	CIGRLOTQ								PEJD21	PEJD21	PEJD11, PEJD21		
About how long has it been since you completely quit smoking a regular pipe filled with tobacco?	PIPELOTQ								PEJD22	PEJD22	PEJD12, PEJD22		
About how long has it been since you completely quit smoking a water pipe or hookah pipe filled with tobacco?	HOOKLOTQ								PEJD23	PEJD23	PEJD13, PEJD23		
About how long has it been since you completely quit using an e-cigarette	ECIGLOTQ									PEJD13_5, PEJD23_5	PEJD13_5, PEJD23_5	Subitem Jd1_35/J32_35 in 2014-15 was dropped.	
About how long has it been since you completely quit using smokeless tobacco?	SMLKLOTQ								PEJD24	PEJD24	PEJD14, PEJD24	Subitem Jd1_5/jd2_5 in 2014-15 was dropped.	
In total, how many years did you smoke cigars or cigarillos or little filtered cigars?	CIGRYRS								PEJ1A1, PEJD31	PEJ1A1, PEJD31	PEJ1A1, PEJD31	PEJ1A1 = ever use; PEJD31 = how many years	
In total, how many years did you smoke a regular pipe?	PIPEYRS								PEJ1A1, PEJD32	PEJ1A1, PEJD32	PEJ1A1, PEJD32		
In total, how many years did you smoke a water pipe or hookah pipe filled with tobacco?	HOOKYRS								PEJ1A1, PEJD33	PEJ1A1, PEJD33	PEJ1A1, PEJD33	Subitem Jd3_35 in 2014-15 was dropped.	
In total, how many years did you use smokeless tobacco	SMKLYRS								PEJ1A1, PEJD34	PEJ1A1, PEJD34	PEJ1A1, PEJD34	Subitems Jd3_5 and Jfecgra-d in 2014-15 were dropped.	
In total, how many years (have you used/did you use) e-cigarettes? (ever e-cigarette users, 2014-2015, 2018-2019)	ECIGYRS									PEJD33_5	PEJD33_5		
During the past 30 days, what type of cigar did you use most often (2014-2015, 2018-2019)	CIGRTYPE									JB	JB		
When you smoke a cigar is it usually flavored? (2014-2015, 2018-2019)	CIGRFLVR									PEJNFLVR1	PEJNFLVR1		
When you smoke a regular pipe filled with tobacco is it usually flavored? (2014-2015, 2018-2019)	PIPEFLVR									PEJNFLVR2	PEJNFLVR2		
When you smoke a water/hookah pipe filled with tobacco is it usually flavored? (2014-2015, 2018-2019)	HOOKFLVR									PEJNFLVR3	PEJNFLVR3		
When you use smokeless tobacco is it usually flavored? (2014-2015, 2018-2019)	SMKLFLVR									PEJNFLVR4	PEJNFLVR4		
When you use an e-cigarette is it usually flavored? (2014-2015, 2018-2019)	ECIGFLVR									PEJNFLV35	PEJNFVB35		
Do you use e-cigarettes because you can use them at times when or in places where smoking cigarettes isn't allowed? (2014-2015, 2018-2019)	ECIGBRDG									PEJECIGRA	PEJECIGRA		
Do you use e-cigarettes to help you quit smoking cigarettes? (2014-2015, 2018-2019)	ECIGTOQT									PEJECIGRD	PEJECIGRD		
Did you use e-cigarettes because you could use them at times when or in places where smoking cigarettes wasn't allowed? (2014-2015, 2018-2019)	FMECIGBR									PEJECIGRA, PEJFECGRA	PEJECIGRA, PEJFECGRA, JECIGA		
Did you use e-cigarettes to help you quit smoking cigarettes? (2014-2015, 2018-2019)	FMECIGQT									H6FAZ2C	JECIGRD, JFECGRD, JECIGD		
Time to first other tobacco product, minutes (every day or some days users, 2010-2011, 2014-2015, 2018-2019)	TTFOTP									J3a	J3a		

Question/Item	Harmonized Variable Name	Individual Wave Variable Name											Notes
		1992-93	1995-96	1998-99	2000	2001-02	2003	2006-07	2010-11	2014-15	2018-19		
Use first other tobacco product of the day within first 30 minutes (every day or some days users, 2010-2011, 2014-2015, 2018-2019)	TTFOTP30										J3a	J3a	
In the 12 months before you quit, time to first other tobacco product, minutes (former users, 2010-2011, 2014-15, 2018-2019)	FMTTFOTP										J3f1/2	J3f1/2	
In the 12 months before you quit, use first other tobacco product of the day within first 30 minutes (former users, 2010-2011, 2014-2015, 2018-2019)	FMTTFO30										J3f1/2	J3f1/2	
During the past 12 months, have you stopped using other tobacco product for one day or longer because you were trying to quit? (every day and some days >11 users)	PYSTPOTP										J4	J4	
During the past 12 months, what is the longest length of time you stopped using other tobacco product because you were trying to quit? (every day and some days >11 users, number of months)	PYLTOTP										J4	J4	
Ever used pipes <regular pipe filled with tobacco>?	PIPEEVER	A_S62, A_S62A	PES62A, PES62B1	PES62A, PES62B1	PES62A, PES62B1	PES62A, PES62B1	PES62A, PES62B1	PEJ1A, PEJ1BB1	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	PES62A, PES62B2	PEJ1A, PEJ1BB2	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	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?	SNFFEVER	A_S62, A_S62D	PES62A, PES62B4	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	
Ever used smokeless tobacco?	SMKLEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	CHEWEVER, SNFFEVER	PEJ1A4	PEJ1A4	PEJ1A4	Variable was constructed from CHEWEVER and SNFFEVER 1992-2007; 2010+ asked ever used "smokeless tobacco, such as moist snuff, dip, spit, chew tobacco or snus."
Ever used e-cigarettes (2014-2015, 2018-2019)	ECIGEVER										PEJ1A3_5	PEJ1A3_5	
Now use pipes?	PIPENOW	A_S62, A_S62A, A_S63, A_S63A	PES62A, PES62B1, PES63A, PES63B1	PES62A, PES62B1, PES63A1	PES62A, PES62B1, PES63A1	PES62A, PES62B1, PES63A1	PES62A, PES62B1, PES63A1	PEJ1A, PEJ1BB1, PEJ2A1	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	PES62A, PES62B2, PES63A2	PEJ1A, PEJ1BB2, PEJ2A2	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?

		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	Notes	
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 e-cigarettes? (2014-2015, 2018-2019)	ECIGNOW									PEJ2A3_5	PEJ2A3_5		
Now use a water or hookah pipe filled with tobacco?	HOOKNOW								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	This variable is constructed from CHEWNOW, and SNFFNOW from 1992 through 2007.	
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	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?	
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	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 = 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	CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2	CHEWEVER, SNFFEVER, CHEWNOW2, SNFFNOW2	PEJ2A4	PEJ2A4	PEJ2A4	This variable is constructed from CHEWNOW2 and SNFFNOW2 from 1992 through 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	Notes	
Now use e-cigarettes (2014-2015, 2018-2019)	ECIGNOW2									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	This variable is constructed from PIPEEVER and PIPENOW, 1992-2019.	
Current cigar <regular cigar, cigarillos or little filtered cigars> use status	CIGRCURR	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	CIGREVER, CIGNOW	This variable is constructed from CIGREVER and CIGNOW, 1992-2019.	
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, 1992-2007.	
Current snuff use status	SNFFCURR	SNFFEVEVER, SNFFNOW	SNFFEVEVER, SNFFNOW	SNFFEVEVER, SNFFNOW	SNFFEVEVER, SNFFNOW	SNFFEVEVER, SNFFNOW	SNFFEVEVER, SNFFNOW	SNFFEVEVER, SNFFNOW				This variable is constructed from SNFFEVEVER and SNFFNOW, 1992-2007.	
Current water or hookah pipe filled with tobacco use status	HOOCCURR								HOOKEVER, HOOKNOW	HOOKEVER, HOOKNOW	HOOKEVER, HOOKNOW	This variable is constructed from HOOKEVER and HOOKNOW, 2010-2019.	
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	This variable is constructed from SMKLEVER and SMKLNOW, 1992-2019. SMKLEVER and SMKLNOW were constructed variables for 1992-2007.	
Current e-cigarette use status (2014-2015, 2018-2019)	ECIGCURR									ECIGEVER, ECIGNOW	ECIGEVER, ECIGNOW	This variable is constructed from ECIGEVER and ECIGNOW, 2014-2019.	
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	This variable is constructed from PIPEEVER and PIPENOW2, 1998-2019.	
Current cigar <regular cigar, cigarillos or little filtered cigars> use status	CIGRSTAT			CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	CIGREVER, CIGNOW2	This variable is constructed from CIGREVER and CIGNOW2, 1998-2019.	
Current chewing tobacco use status	CHEWSTAT			CHEWEVER, CHEWNOW2	CHEWEVER, CHEWNOW2	CHEWEVER, CHEWNOW2	CHEWEVER, CHEWNOW2	CHEWEVER, CHEWNOW2				This variable is constructed from CHEWEVER and CHEWNOW2, 1998-2007.	
Current snuff use status	SNFFSTAT			SNFFEVEVER, SNFFNOW2	SNFFEVEVER, SNFFNOW2	SNFFEVEVER, SNFFNOW2	SNFFEVEVER, SNFFNOW2	SNFFEVEVER, SNFFNOW2				This variable is constructed from SNFFEVEVER and SNFFNOW2, 1998-2007.	
Current water or hookah pipe filled with tobacco use status	HOOCCURR								HOOKEVER, HOOKNOW2	HOOKEVER, HOOKNOW2	HOOKEVER, HOOKNOW2	This variable is constructed from HOOKEVER and HOOKNOW2, 2010-2019.	
Current smokeless tobacco use status	SMKLSTAT			SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	SMKLEVER, SMKLNOW2	This variable is constructed from SMKLEVER and SMKLNOW2, 1998-2019. SMKLEVER and SMKLNOW2 were constructed variables for 1998-2007.	
Current e-cigarette status (2014-2015, 2018-2019)	ECIGSTAT									ECIGEVER, ECIGNOW2	ECIGEVER, ECIGNOW2	This variable is constructed from ECIGEVER and ECIGNOW2, 2010-2019.	
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	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	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?	

			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	Notes	
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	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	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? (some day users, 2014-2015, 2018-2019)	ECIGDAY									PEJ2B3_5	PEJ2B3_5		
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		
In which state do you work?	WKSTATE1								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		
In which state do you work on your main indoor job or business?	WKSTATE2								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		
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		
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		
Smoking policy at work.	WORKBAN											Constructed from WKPOLICY, WKPOLIND and WKPOLWRK	
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?	WKSMT2WK		PES70A	PES70A		PES70A		PEK3C	PEK3C			Data for 2018-2019 will be included in future harmonized file.	
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.	
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	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	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.	

Question/Item	Harmonized Variable Name	Individual Wave Variable Name											Notes
		1992-93	1995-96	1998-99	2000	2001-02	2003	2006-07	2010-11	2014-15	2018-19		
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	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	
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	
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	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	
In buildings with multiple apartments or living areas, do you think that smoke should be: (2014-2015, 2018-2019)	MUHSMPOL										K5a	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	4 implied decimal places, For 1992: This weight is from 1990 weight file. Not on main survey file. Also note, for 2000, PWSRWGT was used.