



Constructed Variables CHIS 2005 Adolescent Survey

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Race and Ethnicity

RACECN_P

Race – Census 2000 Definition (PUF Recode)

The RACECN_P variable is a recoded version of the RACECEN variable. The RACECN_P variable uses the Census SF1 definition/tabulation of race. RACECN_P is derived from the imputed Westat self-reported variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO. Adolescents are either assigned to one of several single-race categories or a multiple-race category.

1. The number of races reported for each case is counted using the race variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO.
2. The cases with a single race reported are assigned to the corresponding RACECN_P values 1 through 5. Other single race and Pacific Islanders are combined to create one category, RACECN_P=5.
3. The cases with more than one race reported are assigned to the multiple-race category RACECN_P=6.

RACECN_A

Race of Adult Respondent – Census 2000 Definition

The constructed RACECN_A variable is based on the same logic and criteria as RACECEN. This variable assigns race for the adult respondent of the adolescent based on the Census 2000 definition.

RACEDO_P

Race – Former DOF Definition (PUF Recode)

The RACEDO_P is a recoded variable that categorizes the adolescent's race using the former California Department of Finance's race categories. The RACEDO_P variable uses the California Department of Finance's race categories (version 1). This variable is derived from the imputed Westat self-reported variables SRH, SRPI, SRAI, SRAS, SRAA, SRW and SRO. Latino is considered to be a race category for this variable and is given priority.

RACEDO_P values are assigned a hierarchical manner:

1. The number of races reported for each case is counted using the race variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO.
2. All cases that are reported to be Latino (SRH=1) are assigned to the Latino category RACEDO_P=1.
3. The remaining cases, with a single race reported, are assigned to one of several Non-Latino categories. Other Non-Latino race and Non-Latino Pacific Islander are collapsed to create one category, RACEDO_P=6
4. The remaining cases with more than one race reported are assigned to the Non-Latino multiple-race category, RACEDO_P=7.

Note: The constructed Non-Latino single race category (RACEDO_P=6) is not included in the original population projection by the Department of Finance (DOF). For a current definition of race by the Department of Finance, please see OMBSRREO.

RACEDO_A

Race of Adult Respondent – DOF Definition

The constructed RACEDO_A variable is based on the same logic and criteria as RACEDOF. This variable assigns race for the adult respondent of the adolescent based on the former Department of Finance definition.

RACEHP_P

Race – Center for Health Policy Research (PUF Recode)

The RACEHP_P variable is a recoded version of the RACEHPR variable. The purpose of the RACEHP_P variable is to create a measure of race that takes into account which race/ethnicity the adolescents most identify with if more than one race is reported. For the cases with multiple races reported, and no indication of which group the adolescent most identifies with, a few other rules are used. RACEHPR is derived from the race variables **SRH, SRPI, SRAI, SRAS, SRAA, SRW, SRO**, and questionnaire items T12OS and T12E. Latino is also considered to be a separate race category for this variable.

RACEHP_P values are assigned in the following hierarchical manner:

1. First, a count is made of the number of races reported for each case using the race variables SRPI, SRAI, SRAS, SRAA, SRW, and SRO.
2. Second, the Non-Latino adolescents (SRH=2) are assigned RACEHP_P values. With the exception of Pacific Islander, the Non-Latino cases (SRH=2) with only one race reported are assigned to the appropriate single-race category.

Depending on which group the adolescent respondent most identifies with in questionnaire item T12E, the Non-Latino cases (SRH=2) with more than one race are assigned to RACEHP_P=6 category, as are the Pacific Islanders and those of other single races.

3. Next, the Latino cases (SRH=1) are assigned the appropriate values depending on a number of criteria:
 - a. The Latino adolescents (SHR=1) who are statistically imputed to be Latino (ISRH \geq 1), and whose race (**SRPI, SRAI, SRAS, SRAA, SRW, and SRO**) is not imputed, are coded to the appropriate single-race category if only a single race is reported.
 - b. The adolescents who are statistically imputed to be Latino (ISRH \geq 1), and whose race (**SRPI, SRAI, SRAS, SRAA, SRW, and SRO**) is not imputed, with multiple races reported, are assigned the multiple-race category.
 - c. The Latino cases (SRH=1) that are not statistically imputed to be Latino (ISRH $<$ 1), but whose race (**SRPI, SRAI, SRAS, SRAA, SRW, and SRO**) is imputed, are considered to be Latino, RACEHP_P=1.
 - d. The Latino adolescents (SRH=1) who are not statistically imputed to be Latino (ISRH $<$ 1), and whose race (**SRPI, SRAI, SRAS, SRAA, SRW, and SRO**) is not imputed, with multiple races reported, are coded to the appropriate RACEHP_P category depending on the response value in item T12E (what group they most identify with).

Adjustment 1: All Latino adolescents (SRH=1) with a single race reported to be “other” (if only SRO=1), and for whom the race/ethnicity specified in item T12OS is an identified nationality or skin color, are

assigned to the Latino category. Examples of these “other” or open-specify responses include Mexican, Chicano, Hispanic, Salvadoran, Moreno and Cuban.

Adjustment 2: The Latino adolescents (SRH=1) with “none of these” specified (in TI2OS), and for whom the race/ethnicity the adolescent most identifies with in item TI2E is unknown, are coded as Latino (RACEHPR=1).

Adjustment 3: The Latino adolescents (SRH=1) with multiple races, for whom the SRH variable and race are both imputed, are assigned to the PI/other single/multiple race category for this variable (RACEHP_P=6).

Adjustment 4: The adolescents with RACEHP_P ~= 2 who meet one of the following criteria are coded as American Indian / Alaska Native (RACEHP_P=2):

1. Identify themselves as an enrolled member in an AIAN tribe (TI2B=1).
2. Single race, Non-Latino (SRH ~= 1), and American Indian/Alaska Native (SRAI=1).
3. Single race, American Indian/Alaska Native (SRAI= 1), Latino (SRH=1), and most identify with American Indian/Alaska Native (TI2E=18).
4. Multiple race, American Indian/Alaska Native (SRAI=1), and most identify with American Indian/Alaska Native (TI2E=18).

RACEHP_A

Race of Adult Respondent – UCLA CHPR Definition

The constructed RACEHP_A variable is based on the same logic and criteria as RACEHPR. This variable assigns race for the adult respondent of the adolescent based on the UCLA Center for Health Policy Research definition.

ASIAN9

Asian Subtypes – 9 (PUF Recode)

The ASIAN9 variable is derived from ASIAN10 (source) variable.

1. The number of Asian ethnic groups reported for each case is counted using ASIAN10_1 through ASIAN10_10.
2. Adolescents who report only one Asian ethnic group are assigned corresponding ASIAN9 values (1 through 7). Cambodian ethnic group and other Asian ethnic group are assigned the value of ASIAN9=8.
3. The adolescents who report more than one Asian ethnic group are assigned the ASIAN9 value ASIAN9=9.
4. Adolescents who only report one Asian ethnic group, and are not yet assigned an ASIAN9 value, are given a not ascertained value, ASIAN9=(-9).
5. Adolescents that are identified as not belonging to an ASIAN ethnic or race group (SRAS=2) are assigned the skip value of ASIAN9=(-1).

ASNHPR_P

Asian Group – UCLA CHPR Definition (PUF Recode)

The ASNHPR_P variable identifying Asian ethnicity is a recoded definition for the public use file provided by the Center for Health Policy Research at UCLA which assigns Asian ethnicity based on which group

SRASO

OMB Self-Reported Other Asian Group

SRASO is a dichotomous indicator of whether or not a respondent self-reports as being Asian. SRASO was constructed for weighting purposes by the CHIS data collection vendor, Westat.

SRH

Self-Reported Latino/Hispanic

SRH is a dichotomous indicator of whether or not a respondent self-reports as being Latino/Hispanic. SRH is constructed for weighting purposes by the CHIS data collection vendor, Westat. **SRH_A** is an indicator of the corresponding adult respondent, constructed with the same logic.

SRAA

Self-Reported African American

SRAA is a dichotomous indicator of whether or not a respondent self-reports as being African American. SRH is constructed for weighting purposes by the CHIS data collection vendor, Westat.

SRAI

Self-Reported American Indian

SRAI is a dichotomous indicator of whether or not a respondent self-reports as being American Indian. SRAI is constructed for weighting purposes by the CHIS data collection vendor, Westat.

SRW

Self-Reported White

SRW is a dichotomous indicator of whether or not a respondent self-reports as being White. SRW is constructed for weighting purposes by the CHIS data collection vendor, Westat.

SRO

Self-Reported Other Race

SRO is a dichotomous indicator of whether or not a respondent self-reports as being of a race other than White, Black/African American, Asian, American Indian/Alaska Native/Native American, Other Pacific Islander, or Native Hawaiian. SRO is constructed for weighting purposes by the CHIS data collection vendor, Westat.

CHINESE

Chinese

The CHINESE variable is constructed from questionnaire items TI2D_4, and TI2D_15. CHINESE is a dichotomous indicator of whether or not a respondent self-identifies as being Chinese. Respondents who report being Chinese (TI2D_4=1) or Taiwanese (TI2D_15=1) are coded as Chinese (CHINESE=1). All other respondents are coded as not being Chinese (CHINESE=2).

FILIPINO

Filipino

FILIPINO is a dichotomous variable indicator of whether or not a respondent self-identifies as being Filipino. FILIPINO was constructed from questionnaire item TI2D_5. Respondents who report being Filipino (TI2D_5=1) are coded as FILIPINO=1. All other respondents are coded as FILIPINO=2.

LATIN7TP

Latin/Hispanic Subtypes (7 Levels)

The purpose of this variable is to provide a 7-level measurement of what group(s) the adolescents identify with of those who report that they are of Latino/Hispanic origin (SRH=1). This variable is derived from items SRH, TI1A_1 through TI1A_21 and TI1AOS. LATIN9TP is created as a transition variable to collapse to LATIN7TP.

- A. First, the number of Latino/Hispanic ancestries reported for each case is counted using items TI1A_1 through TI1A_21.
- B. The cases with adolescents who report only one Latino/Hispanic ancestry are assigned values for the temporary variable LATINTEMP.
- C. The cases with more than one ancestry reported are assigned LATINTEMP values.
- D. The adolescents who report that they are not of Latino or Hispanic origin (SRH= 2) are assigned a skip value (-1) for this variable.
- E. Any other cases are assigned a not ascertained value for LATINTEMP (-9).
- F. Finally, all of the cases are assigned values for the LATIN9TP variable using the categories generated with LATINTEMP.
- G. If LATIN9TP cannot be determined, and TI1A is missing, country of birth is used (TI3) to assign Latino ethnic group in LATIN9TP.
- H. LATIN7TP uses LATIN9TP to collapse specific categories to create a 7-level Latino subtype variable. Cases are assigned according to the following criteria:

Condition:	LATIN7TP Value:	LATIN7TP Label:
If LATIN9TP=1	1	Mexican
If LATIN9TP=2	2	Salvadoran
If LATIN9TP=3 or 4	3	Central American
If LATIN9TP=6	4	Latino European
If LATIN9TP=7	5	South American
If LATIN9TP=5 or 8	6	Other Latino
If LATIN9TP=9	7	2 or more Latino types

CATRIBE

California Tribal Heritage

The California Tribal Heritage variable indicates whether or not the adolescents who report themselves as being American Indian/Alaska Native (SRAI=1) identify themselves with a California or a non-California tribal heritage. This variable is constructed using questionnaire items TI2A_1 through TI2A_11, TI2AOS, and TI2COS.

Since the questionnaire response categories in T12A include only non-California tribes, it was important to construct CATRIBE in order to capture verbatim responses in T12AOS or T12COS that might indicate California tribal heritage among the population of American Indians responding to the questionnaire.

Therefore, any American Indian/Alaska Native respondents (SRAI=1) who reported a California Tribe in T12AOS or T12COS are considered to have California Tribal Heritage (CATRIBE=1). All remaining respondents, who identified themselves with at least one of the non-California tribes in T12A_1-11, or indicated a non-California tribe as a verbatim answer in T12AOS, are considered to be of non-California Tribal Heritage. Any others are assigned a not ascertained value (-9) for this variable.

Note: This variable indicates reported tribal heritage. The cases included in this variable all reported themselves as AIAN (SRAI=1), but may or may not be enrolled members of a federal- or state-recognized tribe (please see the T12C variable for this information).

Health Insurance

INSMD

Covered by Medi-Cal

The INSMD variable is derived from questionnaire items IA1 and IA5_4. Adolescents who are identified by the respondent as being covered by Medi-Cal (IA1=1 or IA5_4=1) are considered to be covered by Medi-Cal for this variable (INSMD=1). Those who skip out of IA1 (-1), or who are identified as not covered by Medi-Cal (IA1=2), are considered to be not covered (INSMD=2).

The respondents who refuse (-7) or do not know (-8) if the adolescent is covered by Medi-Cal in item IA1, or if this data is missing (-9), are also assigned these values for INSMD.

Adjustment 1: In addition, the cases with INSMD ≈ 1, in which the adolescent is covered by Medi-Cal through premium payment for a health plan (AI12_6=1) or through a plan that was missed (IA9_5=1), are considered to be covered by Medi-Cal (INSMD=1).

Data editing adjustment 1: Those cases in which INSHF=1, and that have a household income <100% FLP (POVLL=1), are considered to be covered by Medi-Cal (INSMD=1). Similarly, these cases are recoded as not covered by Healthy Families (INSHF=2). The purpose of this adjustment was to accurately measure these categories with the INS64 variable.

INSHF

Covered by Healthy Families

The INSHF variable is derived from questionnaire items IA2 and IA5_5. Adolescents who are identified by the respondent as being covered by Healthy Families (IA2=1 or IA5_5) are considered to be covered by Healthy Families for this variable (INSHF=1). Those who skip out of IA2 (-1), or those respondents who report that the adolescent is not covered by Healthy Families (IA2=2), are also considered to be not covered (INSHF=2).

The respondents who refuse (-7) or do not know (-8) if the adolescent is covered by Healthy Families in item IA2, or for whom this data is missing (-9), are also assigned these values for INSHF.

Data editing adjustment 1: In addition, the cases with INSHF ≈ 1, in which the adolescent is covered by Healthy Families through premium payment for a health plan (AI12_2=1 or AI12_3=1) or through a plan that was missed (IA9_6=1), are considered to be covered (INSHF=1).

Data editing adjustment 2: Teen cases for which only some adult information is available are imputed using various control variables. Teen cases for which no adult information is available are imputed through random selection of sample teen cases, or child cases if a child selected for the same household.

Note: Adolescents residing within a household with a Federal Poverty Level that is estimated to be above 300% are skipped out of question IA2. Therefore, these cases are assigned a skip value (-1) for the INSHF variable

INSEM **Covered by Employer-based Plan**

The INSEM variable is derived from questionnaire items IA3 and IA5_2. Adolescents who are identified by the respondent as being covered by a health insurance plan or HMO through a current or former employer/union (IA3=1 or IA5_2) are considered to be covered by an employer-based plan for this variable (INSEM=1). Those who skip out of IA3 (-1), or report that the adolescent is not covered by an employer-based plan (IA3=2), are considered to be not covered (INSEM=2).

The respondents who refuse (-7) or do not know (-8) if the adolescent is covered by an employer-based plan in item IA3, or for whom this data is missing (-9), are also assigned these values for INSEM.

Adjustment 1: In addition, the cases with INSEM ≈ 1, in which the adolescent is covered through premium payment for a health plan (AI12_2=1 or AI12_3=1) or through an employer-based plan (IA9_1=1) or covered by school or other professional association (IA9_2=1) that was missed, are considered to be covered (INSEM=1).

Data editing adjustment 1: Teen cases for which only some adult information is available are imputed using various control variables. Teen cases for which no adult information is available are imputed through random selection of sample child cases.

Note: This variable cannot be used as a count of adolescents covered by an employer-based plan. Only respondents for adolescents without Medi-Cal and Healthy Families coverage are part of the universe.

INSPR **Covered by Plans Purchased on Own**

The INSPR variable is derived from questionnaire item IA4. Adolescents who are identified by the respondent as being covered by a health insurance plan that was purchased directly from the insurance company or HMO (IA4=1) are considered to be covered by a plan purchased directly (INSPR=1). The cases that skip out of IA4 (-1), or the respondents who report that the adolescent is not covered by a plan purchased on their own (IA4=2), are considered to be not covered (INSPR=2).

The respondents who refuse (-7) or do not know (-8) if the adolescent is covered by a plan purchased directly in item IA4, or for whom this data is missing (-9), are also assigned these values for INSPR.

Adjustment 1: In addition, the cases with INSPR ≈ 1, in which the adolescent is covered through a plan purchased directly that was missed (IA9_3=1), are considered to be covered for this variable (INSPR=1).

Data editing adjustment 1: Teen cases for which only some adult information is available are imputed using various control variables. Teen cases for which no adult information is available are imputed through random selection of sample teen cases.

Note: This variable cannot be used as a count of adolescents covered by a plan purchased directly. Only those adolescents without Medi-Cal, Healthy Families, or employer-based coverage are part of the universe.

INSOG

Covered by Other Government Plans

The INSOG variable is derived from questionnaire item IA7. Adolescents who are identified by the respondent as being covered by some other government plan (IA7=1 or 2), or who specify some other government plan (IA7OS ~=(-1), are considered to be covered for this variable (INSOG=1). The cases that skip out of IA7=(-1), or the respondent reports that the adolescent is not covered by a government plan (IA7=3), are considered to be not covered by some other government plan (INSOG=2).

The respondents who refuse (-7) or do not know (-8) if the adolescent is covered by some other government plan in item IA7, or for whom this data is missing (-9), are also assigned these values for INSOG.

Adjustment 1: The cases with INSOG ~=-1, in which the adolescent is covered through some other government plan that was missed (IA9_9=91), are also considered to be covered (INSOG=1).

Data editing adjustment 1: A small number of adolescents are identified by the respondent as covered by Medicare. These cases are included in this variable (INSOG=1).

Data editing adjustment 2: Teen cases for which only some adult information is available are imputed using various control variables. Teen cases for which no adult information is available are imputed through random selection of sample teen cases.

Note: This variable cannot be used as a count of adolescents with other government plans. Only those without Medicare, Medi-Cal, employer-based, private, or military coverage are asked this question.

IHS

Covered by Indian Health Services

The IHS variable is based on information reported in question item IA9_8. Adolescents who are identified by the adult respondent as covered through the Indian Health Service, Tribal Health Program, or Urban Indian Clinic (IA9_8=1) are considered to be covered for this variable (IHS= 1). Those who report that the adolescent is not covered by the Indian Health Service, Tribal Health Program, or Urban Indian Clinic (IA9_8=2), or those who are not identified as American Indian or Alaska Natives (IA9_8=(-1)), are considered to be not covered for this variable (IHS= 2).

The respondents who refuse (-7) or do not know (-8) if the adolescent is covered by the Indian Health Service, Tribal Health Program, or Urban Indian Clinic, or for whom this data is missing (-9), are also assigned these values for the IHS variable.

Data editing adjustment 1: Teen cases for which only some adult information is available are imputed using various control variables. Teen cases for which no adult information is available are imputed through random selection of sample teen cases.

MA7_P

Name of Teen's Main Health Plan (PUF Recode)

The MA7_P variable is derived from questionnaire item MA7. This variable uses MA7 to collapse specific categories of name of adolescent's main health plan into the 'other' category (if 11 <=MA7<=25 then MA7_P=91). All other categories in MA7_P remain identical to MA7.

INS Currently Insured

This variable indicates the current insurance status of the adolescents. INS is created with other constructed insurance variables. Adolescents who are assigned a value of 1 (covered) for any of the following variables are considered to be currently insured (INS=1): INSM, INSHF (Source Data), INSEM, INSPR, INSM, INSM (Source Data), INSOG, INSOT (Source Data). Those who are assigned values of 2 (not covered) for ALL of those variables are considered to be currently uninsured (INS=2).

The remaining cases are assigned a value of (-9) to indicate an unknown current insurance status.

INSTYPE Insurance Type

The INSTYPE variable assigns the adolescent’s insurance type based on various insurance construct variables.

Condition:	INSTYPE Value:	INSTYPE Label:
If INS=2	1	Uninsured
If INSM=1 and INSMC=1	2	Medicare & Medicaid
If [INSMC=1 and (INSEM=1 or INSHF=1 or INSPR=1 or INSM=1 or INSOT=1 or INSOG=1)] or if SRAGE>=65 and [INSMC = 1 and AI4 = 1 and INSTYPE~≠2] or [INSMC = 1 and AI25 = 1 and AH49=1 and AI21=1 and AI22=1 and INSTYPE~≠ 2]	3	Medicare & Others
If INSMC=1	4	Medicare Only
If INSM=1	5	Medicaid
If INSHF=1	6	Healthy Families
If INSEM=1	7	Employment Based
If INSPR=1 or INSOT=1	8	Privately Purchased
If INSM=1 OR INSOG=1	9	Other Public

Note: Covered by Medicare (INSMC) is inapplicable for all adolescents.

INS64 Type of Current Health Coverage Source – Under 65 Yrs Old

The INS64 variable indicates the type of current health insurance coverage for persons under 65 years old. INS64 is created with other constructed insurance variables

- Each case with an adult, adolescent or child who is under 65 years old (SRAGE < 65) is tested through the following series of conditions until a respective INS64 value is assigned (please note that the values are not assigned in numerical order):

Condition:	INS64 Value:	INS64 Label:
If INSM=1	2	Medi-Cal (Medicaid)
If INSHF=1	3	CHIP

If INSMC=1	4	Medicare
If INSEM=1	5	Employment-based
If INSPR=1	6	Privately purchased
If INSML=1 or INSOG=1	7	Other public
If INSOT=1	6	Privately purchased
INS=2	1	Uninsured
All remaining cases under 65 years old (SRAGE < 65)	-9	Not ascertained

- Any cases with an adult, adolescent or child who is 65 years or older (SRAGE >= 65) are assigned a skip value (-1) for this variable:

Condition:	INS64 Value:	INS64 Value:
If SRAGE >= 65	-1	Skipped >= 65

Note: The insurance variables used to construct INS64 may have been created through a different process for the adults, children, and adolescent cases. Please refer to the description of each of the insurance variables for each group.

Note: The corresponding constructed variable for adults 65 and older (SRAGE >= 65) is INS65.

INS12M

Months Covered by Health Insurance in Past 12

This variable indicates the number of months a respondent has been insured during the past 12 months. The INS12M variable is derived from items IA24, IA27, IA28, IA20, and IA22.

Each case is tested through the following series of conditions until a value for INS12M can be assigned:

- The INS12M values are first assigned to the cases with respondents who report that they have current health coverage during the administration of the questionnaire:

Condition:	INS12M Value:	INS12M Label:
If IA24=1 (have had current health insurance for all of the past 12 months)	12	Insured 12 months
If IA27=2 (have current coverage, some kind of health insurance for all of the past 12 months)	12	Insured 12 months
If IA28 >= 0 (months with no health insurance at all)	12 – IA28 value (#)	Insured # months

- The INS12M values are then assigned to the cases with respondents who do not report current health coverage during the administration of the questionnaire:

Condition:	INS12M Value:	INS12M Label:
If IA20=2	0	Insured 0 months

(no health insurance for all of the last 12 months)		
If IA22 >= 1 (months with health insurance)	IA22 value (#)	Insured # months

3. The remaining cases are assigned not ascertained values (-9) for INS12M:

Condition:	INS12M Value:	INS12M Label:
All remaining cases with missing value	-9	Not ascertained

Note: This variable is constructed in an identical manner in the adult, adolescent, and child data files.

RSN_NOMC **Reasons for Not Having Medi-Cal**

The RSN_NOMC variable is derived from questionnaire item IA1A and the INS construct. This variable asks the adult respondent the one main reason that the adolescent is not enrolled in the Medi-Cal program. The RSN_NOMC re-categorizes and reassigns the reasons given for adolescent non-enrollment in Medi-Cal, given their current uninsured status. The RSN_NOMC values are assigned as follows:

Condition:	RSN_NOMC Value:	RSN_NOMC Label:
If IA1A=1	1	Paperwork too difficult
If IA1A=2	2	Didn't know if eligible
If IA1A=3	3	Income too high, ineligible
If IA1A=4	4	Ineligible citizenship/immigration status
If IA1A=5	5	Other not eligible
If IA1A=6, 7	6	Don't believe in/don't need it
If IA1A=8	7	Already have health insurance
If IA1A=9	8	Didn't know it existed
If IA1A=10	9	Don't like/want welfare
If IA1A=91	91	Other
IA1A=-1	92	R thought was insured

Any cases with an adolescent identified as being insured or who is at or above the 300% Federal Poverty Level are assigned a skip value (-1) for this variable:

Condition:	RSN_NOMC Value:	RSN_NOMC Label:
If INS=1	-1	Inapplicable

RSN_NOHF **Reasons for Not Having Healthy Families**

The RSN_NOHF variable is derived from questionnaire item IA2A and the INS construct. This variable asks the adult respondent the one main reason that the adolescent is not enrolled in the Healthy Families program. The RSN_NOHF re-categorizes and reassigns the reasons given for adolescent non-enrollment in Healthy Families, given his or her current uninsured status. The RSN_NOHF values are assigned as follows:

Condition:	RSN_NOHF Value:	RSN_NOHF Label:
If IA2A=1	1	Paperwork too difficult
If IA2A=2	2	Didn't know if eligible
If IA2A=3	3	Income too high, ineligible
If IA2A=4	4	Ineligible citizenship/immigration status
If IA2A=5	5	Other not eligible
If IA2A=6, 7	6	Don't believe in/don't need it
If IA2A=8	7	Already have health insurance
If IA2A=9	8	Didn't know it existed
If IA2A=10	9	Don't like/want welfare
If IA2A=91	91	Other
IA2A=-1	92	R thought was insured

Any cases with an adolescent identified as being insured are assigned a skip value (-1) for this variable:

Condition:	RSN_NOHF Value:	RSN_NOMC Label:
If INS=1	-1	Inapplicable

RSN_UNIN

Reason for Being Uninsured

The RSN_UNIN variable is derived from questionnaire items, IA18, IA18OS, IA29 and IA29OS, which provide specific reasons for the adolescent having no current health insurance coverage. The RSN_UNIN variable re-categorizes and reassigns reasons given into distinct responses based on IA18, IA18OS, IA29 and IA29OS. The RSN_UNIN values are assigned as follows:

Condition:	RSN_UNIN Value:	RSN_UNIN Label:
If IA18=6 or IA29=6	1	Can't afford/too expensive
If IA18=1 or IA29=1	2	Changed employer/lost job
If IA18=9, 10 or IA29=9, 10	3	Healthy (no need)/don't need it
If IA18=2 or IA29=2	4	Employer does not offer
If IA18=5 or IA29=5	5	Not eligible citizenship/immigration
If IA18=3 or IA29=3	6	Not eligible working status
If IA18=4, 14 or IA29=4, 14	7	Not eligible due to health or other
If IA18=7 or IA29=7	8	Family/personal situation changed
If IA18=8 or IA29=8	9	Lost public program coverage
If IA18=11, 12 or IA29=11, 12	10	Pays for own health care
If IA18=16, 20 or IA29=16, 20	11	In process of/problems with
If IA18=17 or IA29=17	12	Didn't like offered/didn't want it
If IA18=18 or IA29=18	13	Procrastination
If IA18=19 or IA29=19	14	Lack of information insurance/forms
If IA18=13, 15 or IA29=13, 15	15	Ins all year, just lost/have coverage
If IA18=21 or IA29=21	16	Other
N/A	92	Thought R was insured

Any cases with an adolescent identified as being insured are assigned a skip value (-1) for this variable:

Condition:	RSN_NOHF Value:	RSN_NOMC Label:

If INS=1	-1	Inapplicable
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INSANY

Any Health Insurance in Last 12 Months

The purpose of the INSANY variable is to indicate whether or not respondents have had any health insurance in the last 12 months. Instead of using the source variables from the questionnaire, INSANY is derived from other constructed insurance variables, including INS64 (Type of current health coverage source – under 65 years old) and INS12M (Number of months covered by health plans in past 12 months).

Adolescent respondents are assigned INSANY values based on the following conditions:

Condition:	INSANY Value:	INSANY Label:
If INS64=1	1	Currently uninsured
If 0<=INS12M<12	2	Uninsured any of the past 12 months
If INS12M=12 and INS64>1	3	Insured all of the past 12 months
If INS12M=-9 or INS64=(-9)	-9	Not ascertained

INSLT12R

Health Insurance Coverage Last 12 Mos, 9 level Current Status

The INSLT12R variable is constructed from a number of questionnaire items that measure both the status and type of health insurance coverage in the past 12 months for persons 65 years and younger. Constructed categories in INSLT12R reflect stability and/or fluctuations in type of health insurance coverage during a 12-month time period. Cases reporting consistency in the type of coverage during the past 12 months or cases reporting uninsured status during all of the past 12 months are assigned the corresponding health insurance coverage category. However, cases in which multiple types of coverage are reflected in a 12-month period are assigned values based on a number of criteria specifying the type of health coverage(s) as well as gaps in coverage.

UNINSANY

Uninsured in Past 12 Months

The UNINSANY variable is derived from the constructed variable INSLT12R, which measures type of health insurance coverage in the last 12 months for adults 65 and younger. This variable assigns values based on the adolescent’s insurance status during all or part of the year. Values are assigned as follows:

Condition:	UNINSANY Value:	UNINSANY Label:
If INSLT12R=3	1	Uninsured all year
If INSLT12R=6, 7	2	Uninsured part year
If INSLT12R=1, 2, 4, 5, 8, 9	3	Insured all year

ELIGPRG3

Uninsured Medi-Cal/Healthy Families Eligible (3 levels)

A series of eligibility variables were constructed to estimate and categorize the number of uninsured Californians who meet the eligibility criteria for the “full-scope” Medi-Cal or Healthy Families programs if

they were to apply. The estimated number of uninsured eligibles is used to calculate program participation rates for the Medi-Cal and Healthy Families programs.

Criteria for assignment within these eligibility variables are based on a number of factors:

- A. *Categorical Eligibility:* Persons eligible for program participation must meet a number of age-related and/or disability criteria. Questionnaire items are used to measure age, disability status, pregnancy status, and whether the respondent is a parent of a minor.
- B. *Family Composition:* Questionnaire items are used to derive family composition necessary for eligibility with these two programs. Variables used include the adult respondent's marital status; the presence of a spouse in the household; and whether each child in the household is related by blood, guardianship of the adult respondent, their spouse or their unmarried partner with whom they share a biological child, or their unmarried partner with whom they share guardianship of a non-biological child.
- C. *Income Eligibility:* Family income as a percent of the federal poverty guidelines (POVGWD) is used for both Medi-Cal and Healthy Families income eligibility. The monthly earnings by the adult respondent and/or spouse of the adult respondent and the Federal Poverty guidelines are used as the primary income source in constructing the eligibility variable.
- D. *Immigration Status:* In order to participate in the full-scope Medi-Cal and Healthy Families programs, eligible persons must be citizens or legal residents. Questionnaire items related to immigration status are used to construct the eligibility variable.
- E. *Asset Test:* Adults in the Medi-Cal program are subject to an asset test, but there is no asset test for adolescents in either the Medi-Cal or Healthy Families programs. The main questionnaire item used to construct this variable addresses the combined values of specific types of family assets exceeding \$5,000.

Note: Other constructed eligibility variables include **ELIGPRG4** (Uninsured Medi-Cal/Healthy Families Eligible-3 levels), **ELIGPP03** (Eligibility program (2003) including local child coverage expansions), **ELIGPP04** (Eligibility program (2004) including local child coverage expansions), and **ELIGPP05** (Eligibility program (2005) including local child coverage expansions). These variables are constructed using the same logic and criteria as **ELIGPRG4**.

POVLL **Poverty Level**

The POVLL variable indicates the total annual income of the household as a percent of the Federal Poverty Level.

In order for Weststat to approximate the 100%, 200%, and 300% Federal Poverty Level cutoff points for each household, the respondents were asked to report the number of people living in their household who are supported by the total annual household income (AK17/HHINC), and if needed, how many of those people are children under 18 years old (AK18). The 100%, 200%, and 300% cutoff values for each household were calculated during the administration of the survey by multiplying the 2002 Census Poverty Threshold "size of family unit" by "related children under 18 years" table amounts by 1, 2, or 3 (U.S. Bureau of the Census: Current Population Survey). The income values were then rounded to the nearest 100 dollars. The three household income cutoff points for each household were then stored as CATI variables POVRT100, POVRT200, and POVRT300.

A. First, the income amounts within the poverty variables (POVRT100, POVRT200, POVRT300) are recoded into the same income range levels as the household income variable (HHINC) with three transitional variables (e.g. POVRT100n, 200n, 300n).

B. Second, the POVLL values are assigned.

1. Each case with a POVRT100n value equal to –9 (not ascertained) is assigned a value of 4 (301% FPL and above) that indicates an income of 301% FPL and above.
2. Next, questionnaire items AK18A, AK18B, AK18C and the CATI variables POVRT100, POVRT200, and POVRT300 are used to assign POVLL values to the recoded cases. Each case is tested through the following series of conditions until a value is assigned:

Condition:	POVLL Value:	POVLL Label:
AK18A=1 (equal to or less than calculated POVRT100)	1	0-100% FPL
AK18A=2 (more than POVRT100) or AK18B=1 (equal to or less than calculated POVRT 200)	2	101-200% FPL
AK18B=2 (more than POVRT200) or AK18C=1 (equal to or less than POVRT300)	3	201-300% FPL
AK18C=2 (more than POVRT300)	4	301% FPL and above

3. For the remaining cases, the actual household income values (HHINC) are compared to the transitional poverty variables POVRT100n, POVRT200n, and POVRT300n, which have the same range levels. Each case is tested through the following conditions until a respective POVLL value is assigned:

Condition:	POVLL Value:	POVLL Label:
If HHINC <= POVRT100n	1	0-100% FPL
If HHINC <= POVRT200n	2	101-200% FPL
If HHINC <= POVRT300n	3	201-300% FPL
If HHINC > POVRT300n	4	301% FPL and above
All remaining cases	-9	Not ascertained

POVLL2_P

Poverty Level as Times 100% of FPL (PUF Recode)

The POVLL2_P variable is based on the POVLL2 (source) variable. This variable provides a recoded continuous measure of poverty times the 100% Federal Poverty Level.

Note: Top-code is 24.

POVGWD_P

Family Poverty Threshold Level (PUF Recode)

The POVGWD_P construct is a recoded variable of POVGWD that measures family poverty threshold level.

Note: Top-code is 24.

Health Conditions

ASTCUR

Current Asthma

This variable is derived from questionnaire items TB5, TB17, and TB18. This variable assigns current asthma status to adolescents. Adolescents who have ever been diagnosed with asthma (TB5=1) and currently have asthma (TB17=1) or have had an attack or episode of asthma in the past year (TB18=1) are assigned the value of ASTCUR=1. Adolescents who currently do not have asthma (TB17=2) and have not had an attack or episode of asthma in the past year (TB18=2) are assigned the value of ASTCUR=2. Respondents who have never been told he/she has asthma (TB5=2) are also assigned to ASTCUR=2.

ASTYR

Asthma Symptoms Past 12 Mos for Population w/ Current Asthma

This variable is derived from questionnaire items TB5, TB17, and TB18 and identifies whether the adolescent has had asthma symptoms in the past year among current asthmatics. Those adolescents who have been told that they have asthma (TB5=1), still have asthma (TB17=1) and have had an asthma episode in the past 12 months (TB18=1) were considered to have asthma symptoms in the past 12 months (ASTYR=1). Those who do not still have asthma (TB17=2) or have not had an attack of asthma in the past 12 months (TB18=2) were considered not to have asthma symptoms in the past 12 months (ASTYR=2). Those who were never told they had asthma (TB5=2) were assigned a value of (-1).

ASTS

Asthma Symptoms Past 12 Mos for Population w/ Diagnosed Asthma

The ASTS variable is derived from questionnaire items TB7 and TB27. This variable provides a measure of the presence of asthma symptoms in the past year for those ever diagnosed with asthma. Cases are assigned values based on the following conditions:

Condition:	ASTS Value:	ASTS Label:
If TB7 = 2, 3, 4 or 5 or TB27= 2, 3 4 or 5	1	Symptoms
If TB7=1 or TB27=1	2	No symptoms

Respondents are assigned a skip value (ASTS=-1) if they were never diagnosed with asthma (TB7=-1 and TB27=-1)

Health Behaviors

TC_INJN Times Seriously Injured

The TC_INJN variable is derived from questionnaire items TC1 and TC2. TC_INJN categorizes the number of times the respondent was injured enough to obtain advice or treatment from a doctor in the past 12 months (TC2). Adolescents who reported not being seriously injured enough to obtain advice or treatments from a doctor (TC1=2) were considered not have been seriously injured (TC_INJN=0). Those that were injured enough to obtain advice or treatment at least once during the past 12 months were assigned the following TC_INJN values:

Condition:	TC_INJN Value:	TC_INJN Label:
If TC2=1	1	1 time
If TC2=2	2	2 times
If TC2=3	3	3 times
If TC2≥4	4	4+ times

HELMUSE Wore a Helmet While Riding Bicycle in Past 12 Months

The HELMUSE variable is derived from questionnaire item TC6. Adolescents who report always or usually wearing a helmet while riding a bicycle in the past year (TC6=1 or 2) were assigned to the value HELMUSE=1. Those who report sometimes or never wearing a helmet (TC6=3 or 4) were assigned the value HELMUSE=2. Those who indicated that they do not ride on bikes (TC6=5) were assigned a skip value of HELMUSE=0.

SEATBLT How Often Use Seatbelt When Riding in Car

This variable is derived from questionnaire item TC6A. SEATBLT categorizes the frequency of wearing a seatbelt while riding or driving a car. Adolescents who report always or usually wearing a seatbelt while riding in or driving a car (TC6A_1 or 2) were assigned the value SEATBLT=1. Those who report sometimes or never wearing a seatbelt (TC6_3 or 4) were assigned the value SEATBLT=2.

FV5DAY 5+ Fruits/Vegetables a Day

The FV5DAY variable was derived from questionnaire items TE4 and TE6. FV5DAY categorizes the reported number of fruits (TE4) and vegetables (TE6) the adolescent consumes per day. Those indicating eating 5 or more fruits and vegetables a day were assigned a value of FV5DAY=1. Those indicating eating zero or fewer than 5 were assigned a value of FV5DAY=2.

SMKCUR Adolescent Current Smoker

The SMKCUR variable was derived from questionnaire items TC38 and TE19. If the adolescent indicated ever smoking cigarettes (TC38=1) and smoked at least one day in the past 30 days (TE19=1, 2, 3, 4, 5, or 6), the respondent was considered to be a current smoker (SMKCUR=1). If the respondent indicated

never smoking (TC38=2) or smoked no days in the past 30 days (TE19=0), then the respondent was considered to be a non-smoker (SMKCUR=2).

INJCA Cause of Injury

The INJCA variable categorizes the cause of the adolescent’s most recent injury, and was derived from questionnaire item TC3.

Values are assigned as follows:

Condition	INJCA Value:	INJCA Label:
If TC3=1 or 2	1	Vehicle-related
If TC3=3	2	Bicycle-related
If TC3=4	3	Accidental fall
If TC3=9	4	Sports-related
If TC3=5, 6, 7, 8, 91	5	Other

Adolescent respondents who report not being injured enough to get treatment (TC1=1) are assigned a value of INJCA=(-1). All other cases are assigned a not ascertained value of INJCA=(-9).

HHSMK Household Smoking

The constructed HHSMK variable provides categorical measures of amount of smoking within the adolescent respondent’s household and is constructed with information from the adult file. This variable is derived from questionnaire items AC17 and AD34, which measure the presence of smokers within the household in addition to the number of days there is any smoking within the household.

Values are assigned as follows:

Condition:	HHSMK Value:	HHSMK Label:
If AC17=2	1	None
If AC17=1 and (AD34>=1 and AD34<7)	2	Some days
If AC17=1 and AD34=7	3	Every day

Physical Activity

TESTRNG Strengthening Activity

The TESTRNG variable is derived from questionnaire items TE10A and TE10. The adolescents who did strengthening activity (TE10=1) at least 3 of the last 7 days (TE10A >= 3) are considered to have completed strengthening activity (TESTRNG=1). Those with fewer than 3 days and who did not do strengthening activity (TE10=2) are not considered to have completed strengthening activity (TESTRNG=2). Those who refused (-7) or did not know (-8), or for whom a response was not recorded (-9) for TE9A, are also assigned to the no strengthening activity category (TESTRNG=2).

Emotional Functioning

CESD8

Psychological Distress

The CESD8 variable is an 8-item construct based on the Center for Epidemiologic Studies Depression Scale (CES-D) score for likely depression or psychological distress. The variables used in this construct are TD6, TD7, TD8, TD9, TD10, TD11, TD12 AND TD13. The 2005 construct replaces the 2003 CES-D categorical responses with CES-D number of days. Items TD7, TD8, TD10, TD11, TD12, and TD13 are scored in the standard direction, (i.e. a greater the number of days experiencing that symptom represent a higher CES-D score). Items TD6 and TD9 are reversed scored. A score of > 7 suggests a clinically significant level of psychological distress. It does not necessarily equate with a clinical diagnosis of depression.

Access and Utilization

USUAL

Have Usual Place to go When Sick or Needing Health Advice

The USUAL variable is derived from questionnaire item, TF1. The values of USUAL are assigned based on whether an adolescent respondent answers affirmatively to having a usual source of health care. USUAL uses a dichotomous measure to ascertain whether or not an adolescent has a usual place to go when sick or in need of health advice. Values are assigned as follows:

Condition:	USUAL Value:	USUAL Label:
If TF1=1, 3, 4 or 5	1	Yes
If TF1=2	2	No

Those who refuse or do not know if they have a usual place to go, or if this data is missing, are assigned not ascertained value of (-9).

USUAL5TP

Usual Source of Care (5 Levels)

The USUAL5TP variable is derived from questionnaire items TF1, TF2 and TF2OS, which measure the most often-visited place the adolescent respondent goes to for health care. Five levels are assigned to USUAL5TP that categorize the usual source of care for the respondent. Values are assigned according to the following criteria:

Condition:	USUAL5TP Value:	USUAL5TP Label:
If TF1=3 or 4 or TF2=1	1	Doc Office/HMO/Kaiser
If TF2=2	2	Community/Gov. Clinic, Community Hospital
If TF2=3	3	Emergency Room/Urgent Care
If TF2=4, 5, or 94	4	Other place, no one place
If TF2=(-1)	5	No usual source of care

Open text responses provided in TF2OS were reassigned to one USUAL5TP level. Cases in which a usual source of health care could not be ascertained were assigned a value of USUAL5TP= (-9).

USOC Usual Source of Care Other Than ER

The USOC variable is derived from the constructed variable USUAL5TP. USOC provides a dichotomous measure of whether an adolescent has a usual source of care other than emergency room services.

Each case is tested through the following conditions until a USOC value is assigned:

Condition:	USOC Value:	USOC Label:
If USUAL5TP=1, 2, 4	1	Yes
If USUAL5TP=3, 5	2	No

DOCT_YR Visited a Doctor During the Past 12 Months

The DOCT_YR variable is derived from the constructed ACMDNUM variable. The DOCT_YR variable is a dichotomous variable that ascertains whether the adolescent respondent visited a doctor during the last 12 months. Those who indicated 1 or more number of visits (TF16>0 or ACMNDUM=1 to 10) were assigned the value DOCT_YR=1. Those indicating 0 visits (TF16=0 or ACMNDUM=0) were assigned the value DOCT_YR=2.

Cases in which the number of visits could not be ascertained were assigned a value of DOCT_YR= (-9).

ACMDNUM Number of Doctor Visits in the Past Year

The ACMNDUM variable is derived from the continuous TF16 variable, which assigns the number of doctor visits in the past year as reported by the adolescent respondent. The ACMDNUM variable provides 10 categories for the number of visits reported. Those reporting 25 or more number of visits in the past year are assigned a value of ACMDNUM=10.

ER Emergency Room Visit in the Past Year

The ER variable is constructed using three questionnaire items, TF3, TB19, and TB28. This variable measures whether the adolescent visited the emergency room for any reason within the past year. Respondents who indicated that they visited an emergency room within the last year (TF3=1), visited the ER for asthma in the past year (among those with an asthma diagnosis) (TB19=1), and visited the ER for asthma in the past year (among those without an asthma diagnosis) (TB28=1) are assigned a value of ER=1. Those adolescents who did not visit the ER for any reason (TF3=2) are assigned a value of ER=2.

School Name

SCH_TYP

Type of School Attended

The SCH_TYP variable assigns the type of school that the adolescent currently or last attended. Adolescents who attended a public school are assigned a value of SCH_TYP=1. Those indicating attendance at a private school are assigned a value of SCH_TYP=2.

Adolescents who attended home school, boarding schools or other non-traditional programs are assigned a value of SCH_TYP=(-1).

Cases in which the name or type of the school could not be determined are assigned a value (SCH_TYP=-9).

Height and Weight

BMI_P

Body Mass Index for Adolescents (PUF Recode)

The BMI_P variable is continuous and is a recoded version of BMI, the body mass index. BMI_P variable is constructed in order to provide an indication of whether adolescents may be underweight or overweight. It is calculated with the PUF variables that represent weight (top coded) and height (bottom coded). If no top or bottom code is assigned for weight or height, then BMI=BMI_P.

According to the Centers for Disease Control (CDC), a calculation of BMI is calculated for both adults and for children who are at least 2 years of age and able to stand up and have their height measured. Although the CDC definition considers children to be those 2-20 years, in order to remain consistent with the definition of adolescent for CHIS, BMI_P values are determined for all adolescents who complete the adolescent survey (12-17 years old).

When both height and weight are known for the adolescent, BMI_P is calculated using the following formula:

$$\text{Body Mass Index} = \text{Weight in kilograms} / [\text{Height in meters}]^2$$

Height and weight values reported in English units are first converted to the metric system. After the calculation of BMI_P is complete, each value is rounded to the nearest two decimal points and is assigned to the corresponding range of the BMI_P variable (see range levels listed in data dictionary).

RBMI

Age and Gender Specific BMI (4 levels)

The constructed RBMI variable is based on BMITN. This variable provides a categorical measure of age- and gender-specific percentiles of BMI for adolescents. Adolescents are considered underweight if their BMI for age is less than the 5th percentile (RBMI=1), normal if their BMI for age is between the 5th and 85th percentile (RBMI=2), at risk of being overweight if their BMI for age is between the 85th and 95th percentile (RBMI=3), and overweight if their BMI for age is equal to or greater than the 95th percentile (RBMI=4).

Note: Top code is 330.

Citizenship

CITIZEN2

Citizenship Status for Adolescents (3 Levels)

The CITIZEN2 variable is created to provide another indication of citizenship. This variable also reflects a definition from UCLA’s Center for Health Policy Research. CITIZEN2 is derived from questionnaire items T13, T14, and T15. CITIZEN2 collapses response categories that indicate non-citizenship with and without a green card. Cases in which citizenship cannot be determined are assigned a value of CITIZEN2= (-9).

CNTRYS

Country Born In

CNTRYS is constructed with questionnaire items T13 and T13OS.

CNTRYS is constructed by reassigning the verbatim responses in T13OS into T13, and creating more general categories referring to country of birth.

Condition:	CNTRYS Value:	CNTRYS Label:
T13=1, 2, 9, 22, 26	1	United States
T13=18	2	Mexico
T13=5, 10, or 27	3	Central America
T13=28, 32	4	Other Latin America
T13=4, 12, 13, 16, 17, 19, 23, 24, 25, 29, or 33	5	Asia and Pacific Islands
T13=6, 7, 8, 11,14, 15, 20, 21, or 30	6	Europe
T13=3, 31, or 34	7	Other

Note: See Appendix A for a description of the recodes of country of birth based on open-ended response in T13OS.

CNTRYM

Country Mother Born In

The variable CNTRYM indicates the country in which the adolescent’s mother was born. Because the 2005 adolescent survey does not ask for this information, other information from the adult and child data files are used to determine the mother’s country of origin.

If the adult respondent in the household is female, CNTRYM is derived from AI56.

If the adult respondent in the household is male, CNTRYM is derived from CNTRYF in the adult file.

YRUSM

Years Mother has Lived in the US

The YRUSM variable categorically assigns the number of years the adolescent’s mother has lived in the U.S. Because the 2005 adolescent survey does not ask for this information, other information from the adult and child data files are used to determine the number of years the adolescent’s mother has lived in the U.S.

1. If the adult respondent in the household is female, YRUSM is constructed using AADATE, AH41FMT, AH41, and AH41YR.
2. If the adult respondent in the household is male, YRUSM is constructed using AADATE, AI60FMT, AI60, and AI60YR. Note: AI57 causes an undesirable skip pattern. If AI57=2 (doesn’t currently live in the U.S.), AI58-AI60 are skipped.
- 3a. If there is no adult respondent in the household, it is assumed that the child respondent and the teen respondent have the same parents as the child respondent and YRUSM is determined from YRUSM in the child file.
- 3b. If AI58 (mother a citizen)/AI59 (father a permanent resident) are skipped due to AI57=2, it is assumed that the adolescent respondent has the same parents as the child respondent and YRUSM if determined from the child file. However, if the information from the child is not consistent with AI56, discard info from the child file.
4. If there is neither an adult respondent nor child in the household, YRUSM is determined from the same donor as the insurance/eligibility variables.

YRUSM standardizes the number of years for those with a particular year reported.

The value for this variable is calculated for the respondents who report a particular year by subtracting the year they report from 2005 (2005-AI60YR).

A skip value (-1) is assigned for all adolescents who were born in the U.S., Guam, Samoa, or the Virgin Islands and whose mother/father does not currently live in the U.S.

PMARIT

Parents’ Marital Status

The PMARIT variable is derived from questionnaire item TH1, which assesses the current marital status of the adolescent respondent’s parents. Each case is tested through the following conditions until a PMARIT value is assigned:

Condition:	PMARIT Value:	PMARIT Label:
If TH1=1	1	Married
If TH1=2, 3, 6, 7, or 91	2	Separated/divorced/one or both deceased/other
If TH1=4 or 5	3	Never married

PMARIT2

Parent’s Marital Status (4 Levels)

The PMARIT2 variable is constructed using the same logic as PMARIT. It distinguishes adolescent’s parents who were never married (PMARIT=3) but live in the same household. Each case is tested through the following conditions until a PMARIT2 value is assigned:

Condition:	PMARIT Value:	PMARIT Label:
If TH1=1	1	Married
If TH1=4	2	Never married, but live with each other
If TH1=2, 3, 6, 7, or 91	3	Separated/divorced/one or both deceased/other
If TH1= 5	4	Never married, not live with each other

Geographic Information

UR_CLRT

Rural and Urban - Claritas (4 levels)

The UR_CLRT variable uses a definition of rural and urban from the commercial company Claritas Inc. Claritas assigns the ZIP codes in California to 4 urbanization categories based on the analysis of population density grids of 1990 geoboundaries, 2000 redistricting updates, and 2001 population estimates. We obtained a file from Claritas Inc. that contains the ZIP codes in California and their associated urbanization categories.

The urbanization categories are defined by Claritas, Inc. as follows:

Urban	ZIP codes associated with dense neighborhoods that represent the central cities of most major metropolitan areas (above 4,150 persons/square mile).
2 nd City	ZIP codes associated with moderate-density neighborhoods in population centers (above 1,000 and below 4,150 persons/square mile).
Suburban	ZIP codes associated with moderate-density neighborhoods that are not surrounded by urban or second-city population centers (estimated to be above 1,000 persons/square mile and not in an urban or second-city population center).
Town or Rural	ZIP codes associated with isolated small towns or less-developed areas on the exurban frontier (estimated to be higher than 210, but lower than 950 persons/square mile). Small villages and rural hamlets surrounded by productive farmland or wide-open spaces (estimated to be 210 persons/square mile and below).

In order to create the UR_CLRT variable, the ZIP code for each case (within the BESTZIP variable) is assigned to its corresponding urbanization category as provided by Claritas.

In addition, some respondents report the ZIP code of a P.O. Box location rather than a ZIP code for a residence. Claritas Inc. provided the “parent ZIP codes” for these P.O. Box locations. The urbanization categories assigned to the “parent” ZIP codes are used to classify these cases.

UR_CLRT2 **Rural and Urban - Claritas (2 levels)**

Four urbanization categories are defined for the ZIP codes in California by the commercial company Claritas Inc (please see constructed variable UR_CLRT). The UR_CLRT2 variable is a modified version of the constructed UR_CLRT variable. The UR_CLRT2 variable designates all ZIP codes as either rural or urban.

1. The cases assigned to the urban, second city, or suburban UR_CLRT categories (UR_CLRT=1, 2, or 3) are considered to be urban (UR_CLRT2=1).
2. The cases assigned to the small town or rural UR_CLRT category (UR_CLRT=4) are considered to be rural (UR_CLRT2=2).

Note: This variable is particularly useful since it provides an estimate that seems to correspond to the Census definition of urbanized and non-urbanized areas. As Claritas Inc. states, “the rural and small town/exurban classifications are not far from the density cutoff of the census definition that distinguishes urbanized from non-urbanized areas,” with non-urban areas having densities above/below 1,000 persons/square mile.

UR_OMB **Rural and Urban – OMB**

The UR_OMB variable reflects the Office of Management and Budget’s (OMB’s) classification of metropolitan statistical areas (MSAs). Counties are considered to be metropolitan or non-metropolitan depending on whether they are included in an MSA.

Each case is tested through the following series of conditions until a UR_OMB value is assigned:

1. The cases with respondents who report that they live within a metropolitan county (SRCNTY) are assigned to the metropolitan category (UR_OMB=1).
2. The cases with respondents who report that they live within a non-metropolitan county (SRCNTY) are assigned to the non-metropolitan category (UR_OMB=2).

(see Appendix B for detailed list of rural and urban specification.)

UR_RHP **Rural and Urban – Office of Rural Health Policy**

THE UR_RHP variable uses an operational classification of rural and urban from the Federal Office of Rural Health Policy (ORHP). The ORHP classifies counties as either rural or urban. The counties are classified with the same criteria that the Office of Management and Budget uses in order to determine metropolitan and non-metropolitan areas (see UR_OMB). However, in order take into account particular rural areas within large urban counties (>1225 square miles), certain census tracts within these counties are designated as rural.

Each case is tested through the following series of steps until a UR_RPH value is assigned:

1. Respondents who report that they live in counties that are designated as rural are coded as rural (UR_RPH=2).
2. The cases with census tracts designated as rural, within a large urban county, are assigned to the rural category. The TRACT variable is used to code the cases.
3. The remaining respondents who report that they live within a county classified as urban are coded as urban (UR_RHP=1).

(see Appendix B for detailed list of rural and urban specification.)

UR_IHS

Rural and Urban – Indian Health Service

The UR_IHS variable uses a county-level classification of rural and urban from the Indian Health Service. According to the IHS definition, counties are classified either as urban or rural. All counties (SRCNTY) are classified as either rural or urban using the IHS definition. In addition, the cities of San Diego, Santa Barbara, and Bakersfield are coded as urban.

1. The cases with respondents who report that they live within an urban county stratum that is composed of urban counties are coded as urban (UR_IHS=1).
2. The cases with ZIP codes associated with the cities of San Diego, Santa Barbara and Bakersfield are also assigned to the urban category for this variable (UR_IHS=1).
3. The cases with respondents who report that they live within a rural county, and are not associated with ZIP codes for the cities of San Diego, Santa Barbara or Bakersfield, are considered to be rural (UR_IHS=2).

(see Appendix B for detailed list of rural and urban specification.)

Other Constructed Variables

SRTENR

Self-reported Household Tenure (HH)

SRTENR is a Westat generated variable and is constructed using the adult questionnaire item AK25. Adolescents who reside in households that are owned by the adult respondent are assigned a value of SRTENR=1. Adolescents who reside in households that are rented by the adult respondent are assigned a value of SRTENR=2. For missing values, AK25 is imputed.

SRAGE_P

Self-Reported Age (PUF Recode)

The SRAGE_P is a recoded version of SRAGE, which assigns age to the respondent.

Note: For the adolescent file, SRAGE=SRAGE_P.

AGEGRP_A Age Group for Adult Respondent

The AGEGRP_A variable provides a categorical measure of the age group for the adult respondent in the teen’s household.

Each case is assigned to the following values:

Condition:	AGEGRP_A Value:	AGEGRP_A Label:
If SRAGE<30	1	Less than 30 years
If 30<=SRAGE<=39	2	30-39 years
If 40<=SRAGE<=49	3	40-49 years
If 50<=SRAGE<=59	4	50-59 years
SRAGE>=60	5	60 + years

Cases in which no adult information is available in either the child interview or adult interview are assigned a value of AGEGRP_A=(-5).

SRSEX Gender

SRSEX is a variable created by the CHIS data collection vendor, Westat. It is a dichotomous variable indicating the gender of the adolescent respondent. **SRSEX_A** is a dichotomous variable indicating the gender of the corresponding adult respondent.

INTVLANG Language of Interview

The INTVLANG variable indicates the language spoken during the interview by the interviewer and the adolescent respondent. It is identical to the Westat variable ENGLSPAN but was renamed into INTVLANG since the former gives the impression that the interviews are only conducted in English and Spanish. The variable ENGLSPAN was moved to the admin files.

LANGHOME Types of Languages Spoken At Home

The LANGHOME variable indicates the languages spoken in the homes of the respondents. This variable is derived from questionnaire items TI7_1 through TI7_23. The variable takes into account households in which multiple languages are spoken. The LANGHOME variable is created with the categories generated with the LANGTEMP construct variable.

1. First, values are assigned to a LANGTEMP variable based on criteria from questionnaire items TI7_1-TI7_23.

Condition:	LANGTEMP Value:	LANGTEMP Label:
If TI7_1=1	1	English
If TI7_2=1	2	Spanish
If TI7_3=1 or TI7_6=1	3	Chinese
If TI7_4=1	4	Vietnamese

If T17_5=1	5	Tagalog
If T17_7=1	6	Korean
If T17_8=1	7	Asian Indian Languages
If T17_9=1	8	Russian
If T17_12=1	9	Japanese
If T17_13=1	10	Other Asian Language
If T17_14=1 or T17_15=1 or T17_16=1	11	European
If T17_18=1	12	Farsi
If T17_19=1	13	Armenian
If T17_20=1	14	Arabic
If T17_21=1	15	African/Afro-Asiatic
If T17_22=1	16	Native American
If T17_23=1	17	Other language

2. For cases where respondents speak two or more languages, values for LANGTEMP were assigned based on the following criteria:

If T17_1=1 and T17_2=1	18	English and Spanish
If T17_1=1 and (T17_3=1 or T17_6=1)	19	English and Chinese
If T17_1=1 and (T17_9=1 or T17_14=1 OR T17_15=1 OR T17_16=1 or T17_17=1)	20	English and European language
If T17_1=1 and (T17_4=1 OR T17_5=1 or T17_7=1 OR T17_8=1 or T17_13=1)	21	English and another Asian Language
If sum of T17_1 – T17_22=2 and T17_1=1	22	English and one other language
If sum of T17_1-22>=2	23	Other two or more languages/ three or more languages
If T17_1-22=(-9)	-9	Not ascertained

3. Next, each case is tested through the following steps until a LANGHOME value can be assigned:

Condition:	LANGHOME Value:	LANGHOME Label:
If LANGTEMP=1	1	English
If LANGTEMP=2	2	Spanish
If LANGTEMP=3	3	Chinese
If LANGTEMP=4	4	Vietnamese
If LANGTEMP=6	5	Korean
If LANGTEMP= Tagalog (5) Asian Indian Languages (7) Japanese (9) Other Asian language (10)	6	Other one Asian language
If LANGTEMP= Russian (8) European (11) Farsi (12) Armenian (13) Arabic (14)	7	Other one language only

African/Afro-Asiatic (15) Native American (16) Other language (17)		
If LANGTEMP=18	8	English and Spanish
If LANGTEMP=19	9	English and Chinese
If LANGTEMP=20	10	English and a European language
If LANGTEMP=21	11	English and another Asian language
If LANGTEMP=22	12	English and one other language
If LANGTEMP=23	13	Other two or more languages
If LANGTEMP=-9	-9	Not ascertained

FAMT4 **Family Type (4 Levels)**

The FAMT4 variable is based on the constructed variable FAM_TYPE. This variable collapses categories representing 4 general family types in the adult file and 2 in the adolescent file.

Cases are assigned based on the following criteria:

Condition:	FAMT4 Value:	FAMT4 Label:
If FAM_TYPE=4	3	Married with kids
If FAM_TYPE=5	4	Single with kids

Note: “SINGLE” category (FAMT4= 1, 4) include both single respondents regarding their marital status, and married respondents who do not live with their spouses.

HHSIZE_P **Household Size (PUF Recode)**

The HHSIZE_P variable is a recoded variable based on the HH_SIZE variable that measures household size. The purpose of the household size variable is to combine the number of adults, children, and adolescents in the selected household. The HHSIZE_P variable is created by adding together counts derived from the variables ADLTCNT, CHLDHH, and TEENHH.

Note: Top code: 7

AHEDUC **Adult Educational Attainment**

AHEDUC is constructed with adult questionnaire item AH47. It includes the adult respondents whose household had an adolescent selected to take the adolescent survey.

AHEDUC is constructed by combining values in AH47 in order to create more general categories for education levels.

The values for the educational attainment variable are assigned in the following manner:

Condition:	AHEDUC Value:	AHEDUC Label:
If AH47=1, 2, 3, 4, 5, 6, 7, 8	1	Grade 1 though 8

(grades), or 30 (no formal education)		
If AH47=9, 10, or 11 (grades)	2	Grade 9 through 11
If AH47=12 (grade)	3	Grade 12/HS diploma
If AH47=13, 14, 15, or 22	4	Some college
If AH47=24, 25, or 26	5	Vocational school
If AH47=23	6	AA or AS degree
If AH47=16 or 17 (4 th or 5 th year at university)	7	BA or BS degree
If AH47=18	8	Some grad school
If AH47=19 or 20	9	MA or MS degree
If AH47=21	10	PhD or equivalent

Appendix A

Recodes of Country of Birth

“Other specified” responses for country of birth were recoded into the following categories using the definitions below (TI3 and TI3OS):

Please note: original TI3 response categories were also recoded into the following categories.

1=United States: Includes the 50 states and District of Columbia. Includes dependencies or territories associated with the United States, such as America Samoa, Guam, Puerto Rico, and the Virgin Islands.

2=Mexico: Includes all regions.

3=Central America: Includes all countries that are part of the continent. Excludes the Caribbean islands.

4=Other Latin America: Consists of the 12 countries and 3 territories located south of the Isthmus of Panama on the South American Continent. Also includes the Caribbean islands.

5=Asia and Pacific Islands: Composed of the 47 countries and assorted islands east of Europe. Includes the Middle East and Southeast Asian countries. Also includes the Pacific Islands nations of Polynesia, Melanesia, and Micronesia located in the South Pacific Ocean, such as Fiji, the North Mariana Islands, Palau, Samoa, Tonga, and New Caledonia. Excludes American Samoa and Guam. New Zealand and Australia are also assigned to this category.

6=Europe: Includes the 44 countries and numerous related dependencies, territories, and islands that are considered part of Europe such as the Azores, the Canary Islands and Iceland. Traditionally, the Urals to the east and the Caucasus Mountains to the south form the line of demarcation between Europe and Asia. The part of Russia west of the Urals is sometimes included with Europe. The portion of Turkey west of the Bosphorus is geographically part of Europe. However, because it was not possible to discern where specifically the respondent and his/her parents were from, Russia was coded as Asia as the entire country is officially part of Asia. Because Turkey is generally classified as a Middle Eastern country, which was included in the Asian category, it was classified as an Asian country.

7=Other: Responses that were unidentifiable and those that were too broad to be coded into one of the above categories were also included in this “other” category. Also includes Canada, those countries located on the African continent, some mid-Indian Ocean islands, like Reunion Island and Mauritius, and Cape Verde, an island in the mid-Atlantic Ocean.

Sources:

United States Central Intelligence Agency (CIA) The World Factbook 2001
<http://www.cia.gov/cia/publications/factbook/>

United States Department of State Geographic Learning Site
 Countries and Regions Section
<http://www.state.gov/countries/>

World Atlas.com - uses information from the CIA's The World Factbook 2001
<http://www.worldatlas.com/aatlas/infopage/contnent.htm>

For “Pacific Islands” category used the following sources:

- Pacific Islanders’ Cultural Association website with a listing of Pacific Islands nations

<http://www.pica-org.org/websurf/websurf.html>

- Asian Development Bank Policy Paper “A Pacific Strategy for the New Millennium.” September 2000.

http://www.adb.org/Documents/Policies/Pacific_Strategy/default.asp

Appendix B

Geographic Specifications

Rural and Urban – IHS

<p>IHS - Urban</p> <p>STRATA2:</p> <p>1, 3, 4, 7, 8, 9, 11, 12, 13, 15, 17, 19, 21, 22, 23, 25, 31, 34</p> <p>(Los Angeles, Orange, Santa Clara, Alameda, Sacramento, Contra Costa, San Francisco, Ventura, San Mateo, San Joaquin, Stanislaus, Solano, Santa Cruz, Marin, San Luis Obispo, Merced, Napa, Monterey/San Benito)</p> <p>San Diego ZIP codes:</p> <p>92103, 92104, 92105, 92106, 92107, 92108, 92109, 92110, 92111, 92112, 92113, 92114, 92115, 92116, 92117, 92118, 92119, 92120, 92121, 92122, 92123, 92124, 92126, 92127, 92128, 92129, 92130, 92131, 92132, 92133, 92134, 92135, 92136, 92137, 92138, 92139, 92140, 92142, 92143, 92145, 92147, 92149, 92150, 92152, 92153, 92154, 92155, 92158, 92159, 92160, 92161, 92162, 92163, 92164, 92165, 92166, 92167, 92168, 92169, 92170, 92171, 92172, 92173, 92174, 92175, 92176, 92177, 92178, 92179, 92182, 92184, 92186, 92187, 92190, 92191, 92192, 92193, 92194, 92195, 92196, 92197, 92198, 92199</p> <p>Santa Barbara ZIP codes:</p> <p>93101, 93102, 93103, 93105, 93106, 93107, 93108, 93109, 93110, 93111, 93116, 93117, 93118, 93120, 93121, 93130, 93140, 93150, 93160, 93190, 93199</p> <p>Bakersfield ZIP codes:</p> <p>93301, 93302, 93303, 93304, 93305, 93306, 93307, 93308, 93309, 93311, 93312, 93313, 93380, 93381, 93382, 93383, 93384, 93385, 93386, 93387, 93388, 93389, 93390</p>

Rural and Urban – OMB

<p>OMB - Non-Metropolitan</p> <p>STRATA2:</p> <p>30, 32, 35, 36, 37, 38, 39, 40, 41</p> <p>(Imperial, Kings, Humboldt/Del Norte, Siskiyou/Lassen/Trinity/Modoc, Mendicino/Lake, Tehama/Colusa/Glenn, Sutter/Yuba, Nevada/Sierra/Plumas, Tuolumne/Mariposa/Calaveras/Mono/Amador/Alpine/Inyo)</p>
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In stratum 34 (Monterey/San Benito) and ZIP code is 95023, 95024, 95043, 95045, or 95075.

Rural and Urban – Office of Rural Health Policy

RHP - Rural

STRATA2:

30, 32, 35, 36, 37, 38, 39, 40, 41

(Imperial, Kings, Humboldt/Del Norte, Siskiyou/Lassen/Trinity/Modoc, Mendocino/Lake, Tehama/Colusa/Glenn, Sutter/Yuba, Nevada/Sierra/Plumas, Tuolumne/Mariposa/Calaveras/Mono/Amador/Alpine/Inyo)

In stratum 34 (Monterey/San Benito) and ZIP code is 95023, 95024, 95043, 95045, 95075.

Rural ZIP codes (within large urban counties):

95925, 95948, 95954, 95967, 95969, 95978, 95619, 95623, 95629, 95633, 95634, 95635, 95636, 95643, 95646, 95651, 95656, 95667, 95684, 95709, 95720, 95721, 95726, 95735, 96142, 96150, 96151, 96152, 96154, 96155, 96156, 96157, 96158, 93210, 93234, 93242, 93514, 93609, 93618, 93620, 93622, 93631, 93638, 93646, 93648, 93654, 93656, 93657, 93662, 93205, 93215, 93216, 93224, 93226, 93238, 93240, 93249, 93250, 93252, 93255, 93268, 93280, 93283, 93285, 93287, 93501, 93502, 93504, 93505, 93516, 93523, 93524, 93527, 93555, 93556, 93596, 90704, 93601, 93610, 93637, 93639, 93644, 93635, 93661, 93665, 95301, 95312, 95322, 95324, 95334, 95369, 95374, 95380, 95381, 95388, 95602, 95603, 95604, 95724, 96140, 96143, 96145, 96148, 96160, 96161, 96162, 92220, 92223, 92225, 92226, 92230, 92241, 92258, 92276, 92282, 92563, 92589, 92590, 92591, 92592, 92593, 92242, 92252, 92267, 92268, 92277, 92278, 92280, 92284, 92304, 92309, 92310, 92311, 92312, 92314, 92319, 92323, 92332, 92338, 92347, 92363, 92364, 92366, 92398, 92004, 95336, 95337, 95361, 95376, 95378, 93422, 93423, 93428, 93432, 93446, 93447, 93453, 93465, 93460, 93463, 93464, 95020, 95021, 95023, 95360, 96047, 96059, 94515, 94952, 94954, 94955, 95416, 95433, 95476, 95316, 95363, 95382, 93207, 93208, 93212, 93218, 93221, 93247, 93256, 93257, 93258, 93260, 93265, 93267, 93270, 93272, 93274, 93275, 93282, 93286, 93542, 93615, 93647, 93673, 93015, 93016, 93040

RHP - Urban

STRATA2:

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31 or 33 and not a designated rural ZIP code (see "rural" ZIP codes above)

(Los Angeles, San Diego, Orange, Santa Clara, San Bernardino, Riverside, Alameda, Sacramento, Contra Costa, Fresno, San Francisco, Ventura, San Mateo, Kern, San Joaquin, Sonoma,

Stanislaus, Santa Barbara, Solano, Tulare, Santa Cruz, Marin, San Luis Obispo, Pacer, Merced, Butte, Shasta, Yolo, El Dorado, Napa, Madera)

In stratum 34 (Monterey/San Benito) and ZIP code is not 95023, 95024, 95043, 95045, 95075.