

National Longitudinal Study of Adolescent Health
Variable: RACE1

Constructed Variable Name	Add Health Source	Value
RACE1	Rule 1: h1gi6a -- h1gi6e Rule 2: h1gi6a -- h1gi6e h1gi8 Rule 3: h1gi6a -- h1gi6e h1gi9 Rule 4: h1gi6a -- h1gi6e h1gi8 Rule 5: h1gi6a -- h1gi6e h1gi9 Rule 6: h1gi6a -- h1gi6d h1gi9 Rule 7: h1gi6a -- h1gi6e h1gi8 Rule 8: pa6_1 -- pa6_5 famst4 pc1 Rule 9: pa6_1 -- pa6_5 pa8b famst4 pc1 Rule 10: pa6_1 -- pa6_5 pa9 famst4 pc1 Rule 11: pa6_1 -- pa6_5 pa8b famst4 pc1 Rule 12: pa6_1 -- pa6_5 pa9 famst4 pc1 Rule 13: pa6_1 -- pa6_4 pa9 famst4 pc1 Rule 14: pa6_1 -- pa6_5 pa8b famst4 pc1 Rule 15: pa6_1 -- pa6_5 pc1 Rule 16: pa6_1 -- pa6_5 pa8b pc1	1 = White 2 = Black 3 = Native American 4 = Asian . = missing

Constructed Variable Name	Add Health Source	Value
RACE1	Rule 17: pa6_1 -- pa6_5 pa9 pc1 Rule 18: pa6_1 -- pa6_5 pa8b pc1 Rule 19: pa6_1 -- pa6_5 pa9 pc1 Rule 20: pa6_1 -- pa6_4 pa9 pc1 Rule 21: pa6_1 -- pa6_5 pa8b pc1 Rule 22: AID	1 = White 2 = Black 3 = Native American 4 = Asian . = missing

National Longitudinal Study of Adolescent Health
Strategy for the Imposition of Race Rules
Variable: RACE1RUL

Rule	Description	Application	Contribution
1,8,15	Assign respondent-identified race for those choosing ONE RACE ONLY (White, Black, Native American, Asian)	1: The respondent 8: Bio-Mom or Bio-Dad when in agreement with family structure 15: Bio-Mom or Bio-Dad independent of family structure	1: N = 17,957 8: N = 335 15: N = 11
2,9, 16	If respondent chose multiple race, choose the respondent-identified single race	2: The respondent 9: Bio-Mom or Bio-Dad when in agreement with family structure 16: Bio-Mom or Bio-Dad independent of family structure	2: N = 912 9: N = 14 16: N = 0
3,10,17	Respondent chose OTHER ONLY and interviewer-identified respondent race as non-other; choose interviewer identified respondent race	3: The respondent 10: Bio-Mom or Bio-Dad when in agreement with family structure 17: Bio-Mom or Bio-Dad independent of family structure	3: N = 531 10: N = 320 17: N = 13
4,11,18	Respondent chose two races, one is Other, and respondent-identified single race is other; choose the non-other race	4: The respondent 11: Bio-Mom or Bio-Dad when in agreement with family structure 18: Bio-Mom or Bio-Dad independent of family structure	4: N = 79 11: N = 11 18: N = 1
5,12,19	Respondent refused or did not know race; choose Interviewer identified respondent race if non-other	5: The respondent 12: Bio-Mom or Bio-Dad when in agreement with family structure 19: Bio-Mom or Bio-Dad independent of family structure	5: N = 27 12: N = 7 19: N = 0
6,13,20	Respondent identified two or more non-other races, respondent single race identifier is other or a reserved code, and Interviewer identifies respondent race as non-other; choose Interviewer race identified respondent race	6: The respondent 13: Bio-Mom or Bio-Dad when in agreement with family structure 20: Bio-Mom or Bio-Dad independent of family structure	6: N = 21 13: N = 0 20: N = 0
7,14,21	Respondent chose two races, one is other and single race identifier is other; choose the non-other race from the multiple race combination	7: The respondent 14: Bio-Mom or Bio-Dad when in agreement with family structure 21: Bio-Mom or Bio-Dad independent of family structure	7: N = 6 14: N = 0 21: N = 0
22	Respondent identified two races (Native American and Other); both the single race identifier and the interviewer response for this respondent is White; this case is hard-coded as White	22: Bio-Mom or Bio-Dad independent of family structure	22: N = 1

Number of respondents missing race after rule imposition: 499

National Longitudinal Study of Adolescent Health
Strategy to Impose Race

Rule	Description	Contribution
The Adolescent Respondent		
1	Assign respondent-identified race for those choosing ONE RACE ONLY (White, Black, Native American, Asian)	N = 17,957 <i>Cumulative Contribution = 17,957</i>
2	If respondent chose multiple race, choose the respondent-identified single race	N = 912 <i>Cumulative Contribution = 18,869</i>
3	Respondent choose OTHER ONLY and interviewer-identified respondent race as non-other; choose interviewer identified respondent race	N = 531 <i>Cumulative Contribution = 19,400</i>
4	Respondent chose two races, one is other, and respondent-identified single race is other or missing; choose the non-other race	N = 79 <i>Cumulative Contribution = 19,479</i>
5	Respondent refused, did not know race, or race missing; choose interviewer-identified respondent race if non-other	N = 27 <i>Cumulative Contribution = 19,506</i>
6	Respondent identified two or more non-other races, respondent single race identifier is other or a reserved code, and interviewer identifies respondent race as non-other; choose interviewer-identified respondent race	N = 21 <i>Cumulative Contribution = 19,527</i>
7	Respondent chose two races, one is other and single race identifier is a reserved code; choose the non-other race from the multiple race combination	N = 6 <i>Cumulative Contribution = 19,533</i>
		Total Adolescent Contribution: 19,533

The Biological Mother OR Father in agreement with Family Structure Respondent (Parent type 1)

Rule	Description	Contribution
8	Assign respondent-identified race for those choosing ONE RACE ONLY (White, Black, Native American, Asian)	N = 335 Total Parent type 1 Cumulative Contribution: 335 <i>Cumulative Contribution = 19,868</i>
9	If respondent chose multiple race, choose the respondent-identified single race	N = 14 Total Parent type 1 Cumulative Contribution: 349 <i>Cumulative Contribution = 19,882</i>
10	Respondent choose OTHER ONLY and interviewer-identified respondent race as non-other; choose interviewer identified respondent race	N = 320 Total Parent type 1 Cumulative Contribution: 669 <i>Cumulative Contribution = 20,202</i>
11	Respondent chose two races, one is other, and respondent-identified single race is other or missing; choose the non-other race	N = 11 Total Parent type 1 Cumulative Contribution: 680 <i>Cumulative Contribution = 20,213</i>
12	Respondent refused, did not know race, or race missing; choose interviewer-identified respondent race if non-other	N = 7 Total Parent type 1 Cumulative Contribution: 687 <i>Cumulative Contribution = 20,220</i>
13	Respondent identified two or more non-other races, respondent single race identifier is other or a reserved code, and interviewer identifies respondent race as non-other; choose interviewer-identified respondent race	N = 0 Total Parent type 1 Cumulative Contribution: 687 <i>Cumulative Contribution = 20,220</i>
14	Respondent chose two races, one is other and single race identifier is a reserved code; choose the non-other race from the multiple race combination	N = 0 Total Parent type 1 Cumulative Contribution: 687 <i>Cumulative Contribution = 20,220</i>
		Total Parent (type 1) Contribution: 697

The Biological Mother OR Father independent of Family Structure Respondent (Parent type 2)		
15	Assign respondent-identified race for those choosing ONE RACE ONLY (White, Black, Native American, Asian)	N = 11 Total Parent type 2 Cumulative Contribution: 11 <i>Cumulative Contribution = 20,231</i>

Rule	Description	Contribution
16	If respondent chose multiple race, choose the respondent-identified single race	N = 0 Total Parent type 2 Cumulative Contribution: 11 <i>Cumulative Contribution = 20,231</i>
17	Respondent choose OTHER ONLY and interviewer-identified respondent race as non-other; choose interviewer identified respondent race	N = 13 Total Parent type 2 Cumulative Contribution: 24 <i>Cumulative Contribution = 20,244</i>
18	Respondent chose two races, one is other, and respondent-identified single race is other or missing; choose the non-other race	N = 1 Total Parent type 2 Cumulative Contribution: 25 <i>Cumulative Contribution = 20,245</i>
19	Respondent refused, did not know race, or race missing; choose interviewer-identified respondent race if non-other	N = 0 Total Parent type 2 Cumulative Contribution: 25 <i>Cumulative Contribution = 20,245</i>
20	Respondent identified two or more non-other races, respondent single race identifier is other or a reserved code, and interviewer identifies respondent race as non-other; choose interviewer-identified respondent race	N = 0 Total Parent type 2 Cumulative Contribution: 25 <i>Cumulative Contribution = 20,245</i>
21	Respondent chose two races, one is other and single race identifier is a reserved code; choose the non-other race from the multiple race combination	N = 0 Total Parent type 2 Cumulative Contribution: 25 <i>Cumulative Contribution = 20,245</i>
		Total Parent (type 2) Contribution: 25

The hard coded case: Bio-Mom in agreement with family structure (Parent type 3)		
22	Respondent-identified two races (Native American and Other); both the single race identifier and the interviewer response for this respondent is White; this case is hard-coded as White	N = 1 Total Parent type 3 Cumulative Contribution: 1 <i>Cumulative Contribution = 20,246</i>

National Longitudinal Study of Adolescent Health
Construction Logic for Multiple Race
Variable: MULRACE1

Constructed Variable Name	Add Health Source	Construction Logic
MULRACE1		
1 = White Only	h1gi6a white	1 = h1gi6a = 1, and b-e = 0
2 = Black Only	h1gi6b black	2 = h1gi6b = 1, and a,c-e = 0
3 = Native American Only	h1gi6c native american	3 = h1gi6c = 1, and a-b,d-e = 0
4 = Asian PI Only	h1gi6d asian	4 = h1gi6d = 1, and a-c,e = 0
5 = Other Only	h1gi6e other	5 = h1gi6e = 1, and a-e = 0
6 = White and Black		6 = h1gi6a,b = 1, and c-e = 0
7 = White and Native American		7 = h1gi6a,c = 1, and b,d-e = 0
8 = White and Asian		8 = h1gi6a,d = 1, and b-c,e = 0
9 = White and Other		9 = h1gi6a,e = 1, and b-d = 0
10 = Black and Native American		10 = h1gi6b,c = 1, and a,d-e = 0
11 = Black and Asian		11 = h1gi6b,d = 1, aa,c,e = 0
12 = Black and Other		12 = h1gi6b,e = 1, and a,c-d = 0
13 = Native American and Asian		13 = h1gi6c,d = 1, and a,b,e = 0
14 = Native American and Other		14 = h1gi6c,e = 1, and a,b,d = 0
15 = Asian and Other		15 = h1gi6d,e = 1, and a-c = 0
16 = White, Black, Native American		16 = h1gi6a-c = 1, and d-e = 0
17 = White, Black, Asian		17 = h1gi6a-b,d = 1, and c,e = 0
18 = White, Black, Other		18 = h1gi6a-b,e = 1, and c-d = 0
19 = White, Native American, Asian		19 = h1gi6a,c-d = 1, and b,e = 0
20 = White, Native American, Other		20 = h1gi6a,c,e = 1, and b,d = 0
21 = White, Asian, Other		21 = h1gi6a,d,e = 1, and b-c = 0
22 = Black, Native American, Asian		22 = h1gi6b,c-d = 1, and a,e = 0
23 = Black, Native American, Other		23 = h1gi6b,c,e = 1, and a,d = 0
24 = Black, Asian, Other		24 = h1gi6b,d,e = 1, and a,c = 0
25 = Native American, Asian, Other		25 = h1gi6c-e = 1, and a-b = 0
26 = White, Black, Native American, Asian		26 = h1gi6a-d = 1, and e = 0
27 = White, Black, Native American, Other		27 = h1gi6a-c,e = 1, and d = 0
28 = White, Black, Asian, Other		28 = h1gi6a-b,d-e = 1, and c = 0
29 = White, Native American, Asian, Other		29 = h1gi6a,c-e = 1, and b = 0
30 = Black, Native American, Asian, Other		30 = h1gi6b-e = 1, and a = 0
31 = All categories		31 = h1gi6a-e = 1