

# **History of the Use of Risk and Protective Factors in Washington State's Healthy Youth Survey**

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## Overview

Decades of research have shown that certain risk factors are associated with increased likelihood of health risk behaviors including alcohol, tobacco, and other drug use, violence, and delinquent behaviors. Similarly, research has shown that protective factors exert a positive influence against the negative influence of risk factors. The premise of the risk reduction and protective factor enhancement approach to prevention is that preventing a problem before it occurs requires addressing the factors that predict the problem. Ideally, this strategy entails discovering the causes of the problem behavior and influencing those causes (see for example, Arthur, Hawkins, Catalano, and Pollard, 1998; Hawkins, Catalano, and Miller 1992; Hawkins, Catalano, Barnard, Gottfredson, Holmes, and Miller, 1992).

Historically Washington State's Healthy Youth Survey has included items used to calculate the percent of students at risk or protected on a subset of established risk and protective factors. These items are from standardized assessment tools developed by the Social Development Research Group (SDRG) (Arthur et al., 1998; Arthur, Hawkins, Pollard, Catalano, and Baglioni, 2002) and published in their Communities That Care survey (CTC). Different items and consequently different factors have been included each year the survey has been given. In addition, the items, factors, and cutpoints used to determine whether students are at risk or protected have changed over time. This document, which is intended to assist in the analysis and continued development of the surveys, provides a summary of the factors used on the Healthy Youth Survey in 1998, 2000, 2002, 2004, 2006, and 2008 with specific information about how the factors were calculated. The factors are listed by domain (community, family, school, or peer individual) as outlined in the Framework and Reporting Schedule on the following page.

## Risk and Protective Factor Framework and Reporting Schedule

	Healthy Youth Survey Administration Year						
	1995 <sup>1</sup>	1998	2000	2002	2004	2006	2008
<b>Community Risk Factors</b>							
Low Neighborhood Attachment <sup>2</sup>	X	X	X	X <sup>S</sup>		X	X <sup>S</sup>
Community Disorganization	X						
Transitions and Mobility	X				X <sup>S</sup>		
Perceived Availability of Drugs	X	X	X	X	X	X	X
Perceived Availability of Handguns	X	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Laws And Norms Favorable to Drug Use	X	X	X	X	X	X	X
<b>Community Protective Factors</b>							
Opportunities for Prosocial Involvement			X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Rewards for Prosocial Involvement	X	X	X	X	X	X	X
<b>Family Risk Factors</b>							
Family History of Antisocial Behavior	X						
Poor Family Management	X			X <sup>S,†</sup>	X <sup>S,†</sup>	X <sup>S,†</sup>	X <sup>S,†</sup>
Family Conflict							
Parental Attitudes Favorable towards Drug Use					X <sup>S,†</sup>		X <sup>S,†</sup>
Parental Attitudes Favorable to Antisocial Behavior	X				X <sup>S,†</sup>		
Antisocial Behavior Among Familiar Adults				X <sup>S</sup>			
<b>Family Protective Factors</b>							
Attachment							
Opportunities for Prosocial Involvement	X			X <sup>†</sup>	X <sup>E,†</sup>	X <sup>†</sup>	X <sup>†</sup>
Rewards for Prosocial Involvement	X			X <sup>†</sup>	X <sup>E,†</sup>	X <sup>†</sup>	X <sup>†</sup>
<b>School Risk Factors</b>							
Academic Failure	X	X	X	X	X	X	X
Low Commitment to School	X	X	X	X	X	X	X
<b>School Protective Factors</b>							
Opportunities for Prosocial Involvement	X	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Rewards for Prosocial Involvement	X	X	X	X	X	X	X
<b>Peer-Individual Risk Factors</b>							
Rebelliousness	X	X					
Gang Involvement							
Perceived Risk of Drug Use		X	X	X	X	X	X
Early Initiation of Drug Use			X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Early Initiation of Antisocial Behavior	X	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Favorable Attitudes Towards Drug Use	X	X	X	X	X	X	X
Favorable Attitudes Towards Antisocial Behavior	X	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Sensation Seeking	X	X					
Rewards for Antisocial Involvement		X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Friends' Use of Drugs	X	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Interaction With Antisocial Peers	X	X			X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Intentions to Use				X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
<b>Peer-Individual Protective Factors</b>							
Interaction With Prosocial Peers					X	X	X
Belief in the Moral Order	X	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Prosocial Involvement					X	X	X <sup>E</sup>
Rewards for Prosocial Involvement							
Social Skills	X	X	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>	X <sup>S</sup>
Religiosity		X					

<sup>1</sup> Throughout this document item wording is not notated for 1995. Assumptions regarding similarity of wording should not be made when comparing 1995 to other years.

<sup>2</sup> S = Included only on the secondary version; E = Included only on the elementary version; † = Based on optional items.

## Community Risk Factor: Low Neighborhood Attachment

---

**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Low Neighborhood Attachment

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2002, 2000, 1998

**Variable Name:** risk11

**SDRG Name:** CRLNA

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### Items

**2008, 2006,** Q1. I like my neighborhood.

**2002, 2000,** Q2. If I had to move, I would miss the neighborhood I now live in.

**1998**

Q3. I'd like to get out of my neighborhood.

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

**2008, 2006,** Recode Q1 Q2 (1 = 4) (2 = 3) (3 = 2) (4 = 1) into Q1r Q2r.

**2002, 2000** Compute risk11 = mean.2 (Q1r, Q2r, Q03).

**1998** Recode (same)

Compute (same) – 1

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006</b>	NA	2.126	2.126	2.126
<b>2002, 2000</b>	1.790	2.126	2.126	2.126
<b>1998</b>	1.5	1.5	1.5	1.5

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## Community Risk Factor: Laws and Norms Favorable to Drug Use

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**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Laws and Norms Favorable to Drug Use

**Previous Names:** Community laws and norms favorable to alcohol, tobacco, and other drug use (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk12  
1998: risk 14

**SDRG Name:** CRLNFD

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### Items

- 2008, 2006, 2004, 2002, 2000, 1998** How wrong would most adults in your neighborhood think it was for kids your age
- Q1. To use marijuana?  
Q2. To drink alcohol?  
Q3. To smoke cigarettes?
- Response options:** a. Very wrong b. Wrong c. A little bit wrong d. Not wrong at all
- Q4. If a kid drank some beer, wine, or hard liquor (for example: vodka, whiskey, or gin) in your neighborhood would he or she be caught by the police?  
Q5. If a kid carried a handgun in your neighborhood would he or she be caught by the police?  
Q6. If a kid smoked marijuana in your neighborhood would he or she be caught by the police?
- Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

- 2008, 2006, 2004, 2002, 2000** Recode Q4 Q5 Q6 (1 = 4) (2 = 3) (3 = 2) (4 = 1) into Q4r Q5r Q6r.  
Compute mean.4 (Q1, Q2, Q3, Q4r, Q5r, Q6r).
- 1998** Recode Q4 Q5 Q6 (1 = 4) (2 = 3) (3 = 2) (4 = 1) into Q4r Q5r Q6r.  
Compute mean.4 (Q1, Q2, Q3, Q4r, Q5r, Q6r) – 1.

### Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
<b>2008,2006, 2004, 2002, 2000</b>	1.756	2.254	2.417	2.580
<b>1998</b>	1.5	1.5	1.5	1.5

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## Community Risk Factor: Perceived Availability of Drugs

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**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Perceived Availability of Drugs

**Previous Names:** Perceived Availability of Alcohol, Tobacco, and Other Drugs (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk13  
1998: risk15

**SDRG Name:** CRPAD

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### Items

- 2008, 2006, 2004, 2002, 2000** Q1. If you wanted to get some beer, wine, or hard liquor (for example: vodka, whiskey, or gin), how easy would it be for you to get some?  
Q2. If you wanted to get some cigarettes, how easy would it be for you to get some?  
Q3. If you wanted to get some marijuana, how easy would it be for you to get some?  
Q4. If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?  
**Response options:** a. Very hard b. Sort of hard c. Sort of easy d. Very easy

- 1998** Q1–4 same  
Q5. If you wanted to get a handgun, how easy would it be for you to get one?  
**Response options:** a. Very hard b. Sort of hard c. Sort of easy d. Very easy

### Formulas

**2008, 2006, 2004, 2002, 2000** compute risk13 = mean.3 (Q1, Q2, Q3, Q4).

**1998** compute risk15 = mean.4 (Q1, Q2, Q3, Q4, Q5) – 1 .

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004, 2002, 2000</b>	1.506	2.329	2.917	3.103
<b>1998</b>	1.5	1.5	1.5	1.5

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## Community Risk Factor: Perceived Availability of Handguns

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**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Perceived Availability of Handguns

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000

**Variable Name:** risk14

**SDRG Name:** GETGUN

---

### Items

**2008, 2006, 2004, 2002, 2000** Q1. If you wanted to get a handgun, how easy would it be for you to get one?  
**Response options:** a. Very hard b. Sort of hard c. Sort of easy d. Very easy

### Formula

**2008, 2006, 2004, 2002, 2000** compute risk14 = mean.1 (Q1).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	1.195	2.159	2.165
<b>2002, 2000</b>	1.156	1.195	2.159	2.165

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## Community Risk Factor: Community Disorganization

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**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Community Disorganization

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk12

**SDRG Name:** CRCDO

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### Items

- 1998** Q1. How much do each of the following statements describe your neighborhood:  
Crime and/or drug selling.
- Q2. How much do each of the following statements describe your neighborhood:  
Fights.
- Q3. How much do each of the following statements describe your neighborhood:  
Lots of empty or abandoned buildings.
- Q4. How much do each of the following statements describe your neighborhood:  
Lots of graffiti.
- Q5. I feel safe in my neighborhood.

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formula

- 1998** Recode Q5 (1=4) (2=3) (3=2) (4=1) (-8=-8) (-9=-9) into Q5r  
Compute Risk12 = mean.4 (Q1, Q2, Q3, Q4, Q5r) - 1

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	1.5	1.5	1.5	1.5

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## Community Risk Factor: Transitions and Mobility

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**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Transitions and Mobility

**Previous Names:** Personal Transition and Mobility (1998)

**Years Used for HYS:** 2004, 1998

**Variable Name:** 2004: risk17  
1998: risk13

**SDRG Name:** CRTM

---

### Items

**2004** Q1. Have you changed homes in past year?

**Response options:** a. No, b. Yes

Q2. How many times have you changed homes since kindergarten

**Response options:** a. Never, b. 1–2 times, c. 3–4 times, d. 5–6 times, e. 7 or more times

Q3. Have you changed schools (including changing from elementary to middle and middle to high school) in the past year?

**Response options:** a. No, b. Yes

Q4. How many times have you changed schools (including changing from elementary to middle and middle to high school) since Kindergarten?

**Response options:** a. Never, b. 1-2 times, c. 3-4 times, d. 5-6 times, e. 7 or more times

**1998** Q1-Q2 same

Q3. Have you changed schools in past year?

**Response options:** a. No, b. Yes

Q4. How many times have you changed schools since kindergarten?

**Response options:** a. Never, b. 1-2 times, c. 3-4 times, d. 5-6 times, e. 7 or more times

### Formulas

**2004** Recode Q1 Q3 (1=1) (2=3) into Q1r Q3r.

Compute risk17 = mean.3 (Q1r, Q2, Q3r, Q4)

**1998** Recode (1 = 1) (2 = 5)

Compute (same) – 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2004</b>	NA	1.965	1.987	1.949
<b>1998</b>	2	2	2	2

---

## Community Risk Factor: Transition and Mobility

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**Domain:** Community

**Type:** Risk Factor

**Factor Name:** Transition and Mobility

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name: 1998:** risk17

**SDRG Name:** CRPTM

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### Items

**1998** Q1. People move in and out of my neighborhood a lot.

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formula

**1998** Compute Risk17 = mean.1 (Q1) - 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	1.5	1.5	1.5	1.5

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## Community Protective Factor: Opportunities for Prosocial Involvement

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**Domain:** Community

**Type:** Protective

**Factor Name:** Opportunities for Prosocial Involvement

**Previous Names:** Opportunities for Community Involvement (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk15  
1998: risk18

**SDRG Name:** CPOPI

---

### Items

- 2008** Q1. There are adults in my neighborhood I could talk to about something important.  
**Response options:** a. NO!, b. no, c. yes, d. YES!  
Which of the following activities for people your age are available in your community?  
Q2. Sports Teams and recreation  
Q3. Scouts, Camp Fire, 4-H Clubs, or other service clubs  
Q4. Boys and Girls Club, YMCA, or other activity clubs  
**Response options:** a. Yes b. No
- 2006, 2004, 1998** Q1. There are adults in my neighborhood I could talk to about something important.  
**Response options:** a. NO!, b. no, c. yes, d. YES!  
Which of the following activities for people your age are available in your community?  
Q2. Sports Teams  
Q3. Scouting  
Q4. Boys and Girls Club  
Q5. 4-H clubs  
Q6. Service Clubs  
**Response options:** a. Yes b. No
- 2002** Q1. Same  
Which of the following activities do you regularly participate in:  
Q2. Sports teams?  
Q3. Scouting (such as Cub Scouts, Boy Scouts, Girl Scouts, Brownies, Camp Fire Boys & Girls, etc.)?  
Q4. Arts groups (such as art, music, drama, dance, etc.)?  
Q5. Service or social clubs (such as Boys and Girls Clubs, 4-H Clubs, church youth groups, etc.)?  
**Response options:** a. Yes, b. No, even though this activity is available, c. No, because this activity is not available
- 2000** Q1–Q5 same 2002

**Formulas**

- 2008** Recode Q2 Q3 Q4 (1=4) (2=1) into Q2r Q3r Q4r.  
Compute actmean = mean.3(Q2r Q3r Q4r).  
Compute risk15 = mean.2(actmean, Q1).
- 2006, 2004** Recode Q2 Q3 Q4 Q5 Q6 (1=4) (2=1) into Q2r Q3r Q4r Q5r Q6r.  
Compute actmean = mean.3(Q2r Q3r Q4r Q5r Q6r).  
Compute risk15 = mean.2(actmean, Q1).
- 2002** Recode Q2 Q3 Q4 Q5 (1 = 4) (2 = 1) (3 = 1) (0 = 0) into Q2r Q3r Q4r Q5r.  
Compute actmean = mean.3(Q2r Q3r Q4r Q5r).  
Compute risk15 = mean.2(actmean, Q1).
- 2000** Same as 2002
- 1998** Recode Q2 Q3 Q4 Q5 Q6 (1=1) (2=4) into Qr2 Q3r Q4r Q5r Q6r.  
Compute risk18 = mean.4 (Q1, Qr2 Q3r Q4r Q5r Q6r) – 1.
- 

**Cutpoints**

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	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008</b>	NA	2.887	2.889	2.889
<b>2006, 2004</b>	NA	2.584	2.587	2.588
<b>2002, 2000</b>	2.883	2.584	2.587	2.588
<b>1998</b>	1.5	1.5	1.5	1.5

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## Community Protective Factor: Rewards for Prosocial Involvement

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**Domain:** Community

**Type:** Protective Factor

**Factor Name:** Rewards for Prosocial Involvement

**Previous Names:** Rewards for Conventional Involvement (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk16

**SDRG Name:** CPRPI

---

### Items

- 2008, 2006, 2004, 2002, 2000, 1998** Q1. My neighbors notice when I am doing a good job and let me know.  
Q2. There are people in my neighborhood who encourage me to do my best.  
Q3. There are people in my neighborhood who are proud of me when I do something well.

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

**2008, 2006, 2004, 2002, 2000** Compute risk16 = mean.2 (Q1, Q2, Q3).

**1998** Compute (same) – 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004, 2002, 2000</b>	2.540	2.537	2.207	2.206
<b>1998</b>	1.5	1.5	1.5	1.5

---

## Family Risk Factor: Poor Family Management

**Domain:** Family

**Type:** Risk Factor

**Factor Name:** Poor Family Management

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000

**Variable Name:** risk21

**SDRG Name:** FRPFM

### Items

- 2008, 2006, 2004, 2002** Q1. My parents ask if I've gotten my homework done.  
 Q2. Would your parents know if you did not come home on time?  
 Q3. When I am not at home, one of my parents knows where I am and who I am with.  
 Q4. The rules in my family are clear.  
 Q5. My family has clear rules about alcohol and drug use.  
 Q6. If you drank some beer, wine, or liquor (for example vodka, whiskey, or gin) without your parent's permission, would you be caught by them?  
 Q7. If you carried a handgun without your parent's permission, would you be caught by them?  
 Q8. If you skipped school, would you be caught by your parents?  
**Response options:** a. NO!, b. no, c. yes, d. YES!
- 2000** Q1–Q5 same  
 Q6. If you drank some beer, wine, or liquor (for example, vodka, whiskey, or gin) without your parents' permission, would you be caught by your parents?  
 Q7. If you carried a handgun without your parents permission, would you be caught by your parents?  
 Q.8. Same  
**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

- 2008, 2006, 2004, 2002,** Recode Q1 Q2 Q3 Q4, Q5, Q6, Q7, Q8 (1=4) (2=3) (3=2) (4=1)  
 into Q1r, Q2r, Q3r, Q4r, Q5r, Q6r, Q7r, Q8r.  
**2000** Compute risk21 = mean.4 (Q1r, Q2r, Q3r, Q4r, Q5r, Q6r, Q7r, Q8r).

### Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
<b>2008, 2006, 2004</b>	NA	1.848	2.088	2.233
<b>2002, 2000</b>	1.478	1.848	2.088	2.233



## Family Risk Factor: Antisocial Behavior Among Familiar Adults

---

**Domain:** Family

**Type:** Risk Factor

**Factor Name:** Antisocial Behavior Among Familiar Adults<sup>1</sup>

**Previous Names:** None

**Years Used for HYS:** 2002

**Variable Name:** risk24

**SDRG Name:** FRFAB

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### Items

**2002** About how many adults have you known personally who in the past year have:

Q1. Used marijuana, crack, cocaine, or other drugs?

Q2. Sold or dealt drugs?

Q3. Done other things that could get them in trouble with the police, like stealing, selling stolen goods, mugging, or assaulting others, etc.?

Q4. Gotten drunk or high?

**Response options:** a. None, b. 1 adult, c. 2 adults, d. 3–4 adults, e. 5 or more adults

### Formula

**2002** Compute risk24 = mean.3 (Q1, Q2, Q3, Q4).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2002</b>	NA	1.891	2.158	2.664

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<sup>1</sup>Note: This risk factor is not an SDRG scale. It is half of the SDRG scale *Family History of Antisocial Behavior*.

## Family Risk Factor: Parental Attitudes Favorable to Antisocial Behavior

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**Domain:** Family

**Type:** Risk Factor

**Factor Name:** Parental Attitudes Favorable to Antisocial Behavior

**Previous Names:** None

**Years Used for HYS:** 2004

**Variable Name:** risk26

**SDRG Name:** FRPAB

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### Items

**2004** How wrong do your parents feel it would be for you to:

Q1. Steal anything worth more than \$5?

Q2. Draw graffiti, or write things or draw pictures on buildings or other property (without the owner's permission)?

Q3. Pick a fight with someone?

**Response options:** a. Very wrong b. Wrong c. A little bit wrong d. Not wrong at al

### Formula

**2004** Compute risk26 = mean.2 (Q1, Q2, Q3).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2004</b>	NA	1.090	1.090	1.088

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## Family Risk Factor: Parental Attitudes Favorable Toward Drug Use

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**Domain:** Family

**Type:** Risk Factor

**Factor Name:** Parental Attitudes Favorable Toward Drug Use

**Previous Names:** None

**Years Used for HYS:** 2008, 2004

**Variable Name:** risk25

**SDRG Name:** FRPFD

---

### Items

**2008, 2004** How wrong do your parents feel it would be for you to:

Q1. Drink beer, wine, or hard liquor (for example: vodka, whiskey or gin) regularly?

Q2. Smoke cigarettes?

Q3. Smoke marijuana?

**Response options:** a. Very wrong b. Wrong c. A little bit wrong d. Not wrong at al

### Formula

**2008, 2004** Compute risk25 = mean.2 (Q1, Q2, Q3).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2004</b>	NA	1.083	1.107	1.441

---

## Family Protective Factor: Opportunities for ProSocial Involvement

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**Domain:** Family

**Type:** Protective Factor

**Factor Name:** Opportunities for Prosocial Involvement

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000

**Variable Name:** risk22

**SDRG Name:** FPOPI

---

### Items

- 2008, 2006, 2004, 2002, 2000** Q1. My parents give me lots of chances to do fun things with them
- Q2. My parents ask me what I think before most family decisions affecting me are made.
- Q3. If I had a personal problem, I could ask my mom or dad for help.
- Response options:** a. NO!, b. no, c. yes, d. YES!

### Formula

**2008, 2006, 2004** Compute risk22 = mean.2 (Q1, Q2, Q3).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006</b>	3.216	2.882	2.884	2.885
<b>2004</b>	3.216	NA	NA	NA
<b>2002, 2000</b>	3.216	2.882	2.884	2.885

---

## Family Protective Factor: Rewards for Prosocial Involvement

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**Domain:** Family

**Type:** Protective Factor

**Factor Name:** Rewards for Prosocial Involvement

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000

**Variable Name:** risk23

**SDRG Name:** FPRPI

---

### Items

- 2008, 2006, 2004, 2002** Q1. My parents notice when I am doing a good job and let me know about it.  
Q2. How often do your parents tell you they're proud of you for something you've done?  
**Response options:** a. Never or almost never, b. Sometimes, c. Often, d. All of the time
- Q3. Do you enjoy spending time with your dad?  
Q4. Do you enjoy spending time with your mom?  
**Response options:** a. NO!, b. no, c. yes, d. YES!
- 2000** Q1–Q2 same  
Q3. Do you enjoy spending time with your father?  
Q4. Do you enjoy spending time with your mother?  
**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formula

**2008, 2006, 2004, 2002, 2000** Compute risk23= mean.3 (Q1, Q2, Q3, Q4)

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006</b>	3.390	2.895	2.895	2.896
<b>2004</b>	3.390	NA	NA	NA
<b>2002, 2000</b>	3.390	2.895	2.895	2.896

---

## School Risk Factor: Academic Failure

---

**Domain:** School

**Type:** Risk Factor

**Factor Name:** Academic Failure

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk31

**SDRG Name:** SRAF

---

### Items

- 2008, 2006, 2004, 2000, 1998** Q1. Putting them together, what were your grades like last year?  
**Response options:** a. Mostly As b. Mostly Bs, c. Mostly Cs, d. Mostly Ds  
e. Mostly Fs
- Q2. Are your school grades better than the grades of most students in your class?  
**Response options:** a. NO!, b. no, c. yes, d. YES!
- 2002** Q1. Putting them all together, what were your grades last year? (Version B)  
Q2. Same  
**Response options:** a. Mostly As b. Mostly Bs, c. Mostly Cs, d. Mostly Ds  
e. Mostly Fs

### Formulas

- 2008, 2006, 2004, 2002, 2000** Recode Q1 (5=4) (4=3.25) (3=2.5) (2=1.75) (1=1) into Q1r.  
Recode Q2 (1=4) (2=3) (3=2) (4=1) into Q2r.  
Compute risk31 = mean.2 (Q1r, Q2r).
- 1998** Recode same  
Compute (same) -1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004, 2002, 2000</b>	1.977	1.983	1.983	1.973
<b>1998</b>	1.5	1.5	1.5	1.5

---

## School Risk Factor: Low Commitment to School

---

**Domain:** School

**Type:** Risk Factor

**Factor Name:** Low Commitment to School

**Previous Names:** Little Commitment to School (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk32

**SDRG Name:** SRLCS

---

### Items

- 2008, 2006, 2004, 2002, 2000** Q1. How often do you feel the schoolwork you are assigned is meaningful and important?  
**Response options:** a. Almost always b. Often, c. Sometimes, d. Seldom e. Never
- Q2. How interesting are most of your courses to you?  
**Response options:** a. Very interesting and stimulating, b. Quite interesting, c. Fairly interesting, d. Slightly dull, e. Very dull
- Q3. How important do you think the things you are learning in school are going to be for you later in life?  
**Response options:** a. Very important, b. Quite important, c. Fairly important, d. Slightly important, e. Not at all important
- Q4. Think back over the past year in school. How often did you: Enjoy being in school?
- Q5. Think back over the past year in school. How often did you: Hate being in school?
- Q6. Think back over the past year in school. How often did you: Try to do your best work in school?  
**Response options:** a. Never b. Seldom, c. Sometimes, d. Often e. Almost always
- Q7. During the LAST 4 WEEKS, how many whole days of school have you missed because you skipped or "cut"?  
**Response options:** a. None b. 1, c. 2, d. 3 e. 4-5, f. 6-10, g. 11 or more
- 1998** Q1–Q7 same
- Q8. During the LAST 4 WEEKS how many whole days of school have you missed: Because of illness?
- Q9. During the LAST 4 WEEKS how many whole days of school have you missed: For other reasons?  
**Response options:** a. None b. 1, c. 2, d. 3 e. 4-5, f. 6-10, g. 11 or more

### Formulas

- 2008, 2006,** Recode Q7 (1=1) (2=1.67) (3=2.33) (4=3) (5=3.67) (6=4.33) (7=5) into Q7r.
- 2004, 2002,** Recode Q4 Q6 (1=5) (2=4) (3=3) (4=2) (5=1) into Q4r Q6r.
- 2000** Compute risk32 = mean.5 (Q7r, Q4r, Q6r, Q1, Q2, Q3, Q5).
- 1998** Recode same Q7, Q4, Q6
- Recode Q8, Q9 (1=1) (2=1.67) (3=2.33) (4=3) (5=3.67) (6=4.33) (7=5) into Q8r Q9r
- Compute Risk32 = mean.6 (Q7r, Q4r, Q6r, Q1, Q2, Q3, Q5, Q8r, Q9r).
-

---

<b><u>Cutpoints</u></b>				
	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004, 2002, 2000</b>	2.106	2.484	2.625	2.673
<b>1998</b>	1.5	1.5	1.5	1.5

---



## School Protective Factor: Opportunities for Prosocial Involvement

---

**Domain:** School

**Type:** Protective Factor

**Factor Name:** Opportunities for Prosocial Involvement

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk33

**SDRG Name:** SPOPI

---

### Items

- 2008, 2006, 2004, 2002, 2000, 1998** Q1. In my school, students have lots of chances to help decide things like class activities and rules.
- Q2. There are lots of chances for students in my school to talk with a teacher one-on-one.
- Q3. Teachers ask me to work on special classroom projects.
- Q4. There are lots of chances for students in my school to get involved in sports, clubs, and other school activities outside of class.
- Q5. I have lots of chances to be part of class discussions or activities.

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

**2008, 2006, 2004, 2002, 2000** Compute risk33 = mean.4 (Q1, Q2, Q3, Q4, Q5).

**1998** Compute (same) -1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	2.712	2.720	2.722
<b>2002, 2000</b>	2.906	2.712	2.720	2.722
<b>1998</b>	1.5	1.5	1.5	1.5

---

## School Protective Factor: Rewards for Prosocial Involvement

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**Domain:** School

**Type:** Protective Factor

**Factor Name:** Rewards for Prosocial Involvement

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk34

**SDRG Name:** SPRPI

---

### Items

- 2008, 2006, 2004, 2002, 2000, 1998** Q1. My teacher(s) notices when I am doing a good job and lets me know about it.  
Q2. The school lets my parents know when I have done something well.  
Q3. I feel safe at my school.  
Q4. My teachers praise me when I work hard in school.  
**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

- 2008, 2006, 2004, 2002, 2000** Compute risk34 = mean.3(Q1, Q2, Q3, Q4)  
**1998** Compute (same) -1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008</b>				
<b>2006, 2004, 2002, 2000</b>	2.892	2.646	2.405	2.659
<b>1998</b>	1.5	1.5	1.5	1.5

---

## Peer-Individual Risk Factor: Early Initiation of Drug Use

---

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Early Initiation of Drug Use

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000

**Variable Name:** risk41

**SDRG Name:** PREID

---

### Items

- 2008, 2006, 2004, 2002** Q1. How old were you the first time you smoked marijuana?  
Q2. How old were you the first time you smoked a cigarette, even just a puff?  
Q3. How old were you the first time you had more than a sip or two of beer, wine, or hard liquor (for example: vodka, whiskey, or gin)?  
Q4. How old were you the first time you began drinking alcoholic beverages regularly, that is, at least once or twice a month?  
**Response options:** a. Never have, b. 10 or younger, c. 11, d. 12, e. 13, f. 14, g. 15, h.16, i. 17 or older
- 2000** Q1 How old were you when you first: Smoked marijuana?  
Q2-Q4 same

### Formulas

- 2008, 2006, 2004, 2002, 2000** Recode Q1 Q2 Q3 Q4 (1=0) (2=8) (3=7) (4=6) (5=5) (6=4) (7=3) (8=2) (9=1) into Q1r Q2r Q3r Q4r.  
Compute risk41 = mean.3 (Q1r, Q2r, Q3r, Q4r).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	2.104	2.812	2.534
<b>2002, 2000</b>	.337	2.104	2.812	2.534

---

# Peer-Individual Risk Factor: Early Initiation of Antisocial Behavior

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Early Initiation of Antisocial Behavior

**Previous Names:** Early Initiation of Problem Behavior (2002)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk42

**SDRG Name:** PREAB

## Items

- 2008, 2006, 2004, 2002, 2000, 1998** Q1. How old were you when you first: Got suspended from school?  
Q2. How old were you when you first: Got arrested?  
Q3. How old were you when you first: Carried a handgun?  
Q4. How old were you when you first: Attacked someone with the idea of seriously hurting them?  
**Response options:** a. Never have, b. 10 or younger, c. 11, d. 12, e. 13, f. 14, g. 15, h.16, i. 17 or older
- 1998** Q1-Q4 Same 2004  
Q5. How old were you when you first: Smoked marijuana?  
Q6. How old were you when you first: Smoked a cigarette, even just a puff?  
Q7. How old were you when you first: Had more than a sip or two of beer, wine, or hard liquor (for example, vodka, whiskey, or gin)?  
Q8. How old were you when you first: Began drinking alcoholic beverages regularly, that is, at least once or twice a month?  
**Response options:** a. Never have, b. 10 or younger, c. 11, d. 12, e. 13, f. 14, g. 15, h.16, i. 17 or older

## Formulas

- 2008, 2006, 2004, 2002, 2000** Recode Q1 Q2 Q3 Q4 (1=0) (2=8) (3=7) (4=6) (5=5) (6=4) (7=3) (8=2) (9=1) into Q1r Q2r Q3r Q4r.  
**2000** Compute risk42 = mean.3 (Q1r, Q2r, Q3r, Q4r).
- 1998** Recode Q1 Q2 Q3 Q4 Q5 Q6 Q7 Q8 (1=1) (9=2) (3=3) (4=3) (5=3) (6=3) (7=3) (8=3) (2=4) (-8=-8) (-9=-9) into Q1r Q2r Q3r Q4r Q5r Q6r Q7r Q8r.  
Compute Risk42 = mean.6 (Q1r Q2r Q3r Q4r Q5r Q6r Q7r Q8r) - 1

## Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	.250	.232	.208
<b>2002, 2000</b>	.205	.250	.232	.208
<b>1998</b>	.5	.5	.5	.5

## Peer-Individual Risk Factor: Favorable Attitudes Toward Antisocial Behavior

---

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Favorable Attitudes Toward Antisocial Behavior

**Previous Names:** Favorable Attitudes To Antisocial Behavior (2000): Attitudes Favorable to Antisocial Behavior (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk43  
1998: risk44

**SDRG Name:** PRATA

---

### Items

- 2008, 2006, 2004, 2002, 2000** How wrong do you think it is for someone your age to:
- Q1. Take a handgun to school?
  - Q2. Steal anything worth more than \$5?
  - Q3. Pick a fight with someone?
  - Q4. Attack someone with the idea of seriously hurting them?
  - Q5. Stay away from school all day when their parents think they are at school?
- Response options:** a. Very wrong, b. Wrong, c. A little bit wrong, d. Not wrong at all
- 1998** Q1–Q4 same  
Q5 not included

### Formulas

- 2008, 2006, 2004, 2002, 2000** Compute risk43 = mean.4 (Q1, Q2, Q3, Q4, Q5).
- 1998** Compute risk44 = mean.3 (Q1, Q2, Q3, Q4) – 1.

### Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
<b>2008, 2006, 2004</b>	NA	1.697	1.696	1.690
<b>2002, 2000</b>	1.285	1.697	1.696	1.690
<b>1998</b>	1.5	1.5	1.5	1.5

---

## Peer-Individual Risk Factor: Intentions to Use

---

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Intentions to Use

**Previous Names:** Favorable Attitude to Antisocial Behavior (2000)

**Years Used for HYS:** 2008, 2006, 2004, 2002

**Variable Name:** risk45

**SDRG Name:** PRIU

---

### Items

- 2008, 2006, 2004, 2002** Q1. When I am an adult I will smoke cigarettes.  
Q2. When I am an adult I will drink beer, wine, or liquor.  
Q3. When I am an adult I will smoke marijuana  
**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

**2008, 2006, 2004, 2002** Compute risk45 = mean.2 (Q1, Q2, Q3).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	1.743	1.748	2.083
<b>2002</b>	1.052	1.743	1.748	2.083

---

## Peer-Individual Risk Factor: Favorable Attitudes Toward Drug Use

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Favorable Attitudes Toward Drug Use

**Previous Names:** Favorable Attitudes to Drug Use (2000): Peer-Individual Attitudes Favorable to Alcohol, Tobacco, and Other Drug Use (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk44  
1998: risk45

**SDRG Name:** PRFAD

---

### Items

**2008, 2006, 2004, 2002, 2000, 1998** How wrong do you think it is for someone your age to:  
Q1. Drink beer, wine, or hard liquor (for example: vodka, whiskey, or gin) regularly?  
Q2. Smoke cigarettes?  
Q3. Smoke marijuana?  
Q4. Use LSD, cocaine, amphetamines, or another illegal drug?  
**Response options:** a. Very wrong, b. Wrong, c. A little bit wrong, d. Not wrong at all

### Formulas

**2008, 2006, 2004, 2002, 2000** Compute risk44 = mean.3 (Q1, Q2, Q3, Q4).

**1998** Compute (same)– 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004, 2002, 2000</b>	1.084	1.616	1.882	2.129
<b>1998</b>	1.5	1.5	1.5	1.5

---

## Peer-Individual Risk Factor: Perceived Risks of Drug Use

---

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Perceived Risks of Drug Use

**Previous Names:** Peer-Individual Perceived Risk to Alcohol, tobacco, and Other Drug Use (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk46  
1998: risk53

**SDRG Name:** PRPRD

---

### Items

- 2008, 2006, 2004** How much do you think people risk harming themselves if they:
- Q1. Smoke one or more packs of cigarettes per day?
  - Q2. Try marijuana once or twice?
  - Q3. Smoke marijuana regularly (at least once or twice a week)? **NOTE:** the parenthetical clarification was added in 2008.
  - Q4. Take one or two drinks of an alcoholic beverage (wine, beer, a shot, liquor) nearly every day?
- Response options:** a. No risk, b. Slight risk, c. Moderate risk, d. Great risk e. Not Sure
- 1998** Q1. How much do you think people risk harming themselves if they: Smoke one to five cigarettes per day?
- Q2. same
  - Q3. How much do you think people risk harming themselves if they: Smoke marijuana occasionally?
  - Q4. same
- Response options:** a. No risk, b. Slight risk, c. Moderate risk, d. Great risk e. Not Sure

### Formulas

- 2008, 2006, 2004, 2002** Recode Q1 Q2 Q3 Q4 (1=4) (2=3) (3=2) (4=1) (5=sysmis) into Q1r Q2r Q3r Q4r.  
Compute risk46 = mean.3 (Q1r, Q2r, Q3r, Q4r).
- 2000** Recode Q1 Q2 Q3 Q4 (1 = 4) (2 = 2) (3 = 2) (4 = 1) (5 = 0) into Q1r Q2r Q3r Q4r.  
Compute (same as 2004)
- 1998** Recode (same as 2004)  
Compute risk53 = mean.3 (Q1r, Q2r, Q3r, Q4r) – 1.

### Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
<b>2008, 2006, 2004, 2002, 2000</b>	1.793	1.872	2.107	2.104
<b>1998</b>	1.5	1.5	1.5	1.5

---



## Peer-Individual Risk Factor: Friends' Use of Drugs

---

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Friends Use of Drugs

**Previous Names:** Peer Alcohol, Tobacco, and Other Drug Use (1998)

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk47

**SDRG Name:** PRFUD

---

### Items

- 2008, 2006, 2004, 2002, 2000, 1998** Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:
- Q1. Smoked cigarettes?
  - Q2. Tried beer, wine, or hard liquor (for example: vodka, whiskey, or gin) when their parents didn't know about it?
  - Q3. Used marijuana?
  - Q4. Used LSD, cocaine, amphetamines, or other illegal drugs?
- Response options:** a. None, b. 1, c. 2, d. 3, e. 4

### Formulas

**2008, 2006, 2004, 2002, 2000, 1998** Compute risk47 = mean.3 (Q1, Q2, Q3, Q4)-1.

### Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
<b>2008, 2006, 2004, 2002, 2000, 1998</b>	NA	.686	1.438	1.933
	.5	.5	.5	.5

---

## Peer-Individual Risk Factor: Rewards for Antisocial Involvement

---

**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Rewards for Antisocial Involvement

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk48  
1998: risk49

**SDRG Name:** PRRAI

---

### Items

- 2008, 2006, 2004, 2002, 2000, 1998** What are the chances you would be seen as cool if you:
- Q1. Smoked cigarettes?
  - Q2. Began drinking alcoholic beverages regularly, that is, at least once or twice a month?
  - Q3. Smoked marijuana?
  - Q4. Carried a handgun?
- Response options:** a. No or very little chance, b. Little chance, c. Some chance, d. Pretty good chance e. Very good chance

### Formulas

- 2008, 2006, 2004, 2002, 2000** Compute risk48 = mean.3 (Q1, Q2, Q3, Q4).
- 1998** Compute (same)– 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	1.420	1.890	1.640
<b>2002, 2000</b>	1.149	1.420	1.890	1.640
<b>1998</b>	.5	.5	.5	.5

---

## Peer-Individual Risk Factor: Interaction with Antisocial Peers

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Interaction with Antisocial Peers

**Previous Names:** Peer Antisocial Behavior

**Years Used for HYS:** 2008, 2006, 2004, 1998

**Variable Name:** 2008, 2006, 2004: risk56  
1998: risk46

**SDRG Name:** PRIAP

---

### Items

**2008, 2006, 2004** Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

Q1. Been suspended from school?

Q2. Carried a handgun

Q3. Sold illegal drugs?

Q4. Stolen or tried to steal a motor vehicle such as a car or motorcycle?

Q5. Been arrested?

Q6. Dropped out of school?

**Response options:** a. None of my friends b. 1 of my friends c. 2 of my friends d. 3 of my friends e. 4 of my friends

**1998** Q1–Q6 same

**Response options:** a. none b. 1 c. 2 d. 3 e. 4

### Formulas

**2008, 2006, 2004, 1998** Compute risk56 = mean.4 (Q1, Q2, Q3, Q4, Q5, Q6)-1.

### Cutpoints

	Grade 6	Grade 8	Grade 10	Grade 12
<b>2008, 2006, 2004</b>	NA	.104	.113	.112
<b>1998</b>	.5	.5	.5	.5

---

## Peer-Individual Risk Factor: Rebelliousness

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Rebelliousness

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk41

**SDRG Name:** PRREB

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### Items

**1998** Q1. I do the opposite of what people tell me, just to get them mad

Q2. I ignore the rules that get in my way

Q3. I like to see how much I can get away with

**Response options:** a. Very false b. Somewhat false c. Somewhat true  
d. Very true

### Formulas

**1998** Compute Risk41 = mean.2 (Q1, Q2, Q3) -1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	1.5	1.5	1.5	1.5

---

## Peer-Individual Risk Factor: Antisocial Behavior

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Antisocial Behavior

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk43

**SDRG Name:** Unknown

---

### Items

**1998** How many times in the past year (12 months) have you:

Q1. Been suspended from school?

Q2. Carried a handgun?

Q3. Sold illegal drugs?

Q4. Stolen or tried to steal a motor vehicle such as a car or motorcycle?

Q5. Been arrested?

Q6. Attacked someone with the idea of seriously hurting them?

Q7. Been drunk or high at school?

Q8. Taken a handgun to school?

**Response options:** a. Never b. 1 or 2 times c. 3 to 5 times d. 6 to 9 times, e. 10 to 19 times, f. 20 to 29 times, g. 30 to 39 times, h. 40+ times

### Formulas

**1998** Compute Risk43 = mean.6 (Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8) - 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	.5	.5	.5	.5

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## Peer-Individual Risk Factor: Sensation Seeking

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Sensation Seeking

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk48

**SDRG Name:** PRSS

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### Items

**1998** How many times have you done the following things:

Q1. Done what feels good no matter what

Q2. Done something dangerous because someone dared you to do it

Q3. Done crazy things even if they are a little dangerous

**Response options:** a. Never b. I've done it but not in the past year c. Less than once a month d. About once a month, e. 2-3 times a month, f. Once or more a week

### Formulas

**1998** Compute Risk48 = mean.2 (Q1, Q2, Q3) – 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	1.5	1.5	1.5	1.5

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## Peer-Individual Risk Factor: Impulsiveness

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Impulsiveness

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk52

**SDRG Name:** Unknown

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### Items

- 1998** Q1. It is important to think before you act.  
Q2. Do you have to have everything right away?  
Q3. I often do things without thinking about what will happen.  
Q4. Do you often switch from activity to activity rather than sticking to one thing at time?

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

- 1998** Recode Q1 (1=4) (2=3) (3=2) (4=1) into Q1r/  
Compute Risk52 = mean.3 (Q1r, Q2, Q3, Q4) – 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	1.5	1.5	1.5	1.5

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## Peer-Individual Risk Factor: Depression

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**Domain:** Peer-Individual

**Type:** Risk Factor

**Factor Name:** Depression

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk55

**SDRG Name:** Unknown

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### Items

- 1998** Q1. Sometimes I think that life is not worth it.  
Q2. At times I think I am no good at all.  
Q3. All in all, I am inclined to think that I am a failure  
Q4. In the past year have you felt depressed or sad MOST days, even if you felt OK sometimes?

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

**1998** Compute Risk55 = mean.3 (Q1, Q2, Q3, Q4) - 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	2.0	2.0	2.0	2.0

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## Peer-Individual Protective Factor: Social Skills

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**Domain:** Peer-Individual

**Type:** Protective Factor

**Factor Name:** Social Skills

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** 2008, 2006, 2004, 2002, 2000: risk49  
1998: risk51

**SDRG Name:** PPSS

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### Items

- 2008, 2006, 2004, 2002, 2000, 1998** Q1. You're looking at CDs in a music store with a friend. You look up and see her slip a CD under her coat. She smiles and says, "Which one do you want? Go ahead, take it while nobody's around." There is nobody in sight, no employees, and no other customers. What would you do now?
- Response options:** a. Ignore her, b. Grab a CD and leave the store, c. Tell her to put the CD back, d. Act like it's a joke and ask her to put the CD back
- Q2. It's 8:00 on a weeknight and you are about to go over to a friend's house when your mom asks you where you are going. You say, "Oh, just going to hang out with some friends." She says, "No, you'll just get into trouble if you go out. Stay home tonight." What would you do now?
- Response options:** a. Leave the house anyway, b. Explain what you are going to do with your friends, tell her when you will get home, and ask if you can go out, c. Not say anything and start watching TV, d. Get into an argument with her
- Q3. You are visiting another part of town and you don't know any of the people your age there. You are walking down the street and some teenager you don't know is walking toward you. He is about your size. As he is about to pass you, he deliberately bumps into you and you almost lose your balance. What would you say or do?
- Response options:** a. Push the person back, b. Say nothing and keep on walking, c. Say, "Watch where you're going," and keep on walking, d. Swear at the person and walk away
- Note:** Response option B on SDRG's CTC survey is slightly different: "Say 'excuse me' and keep on walking".
- Q4. You are at a party at someone's house and one of your friends offers you a drink containing alcohol. What would you say or do?
- Response options:** a. Drink it, b. Tell your friend, "No thanks. I don't drink," and suggest that you and your friend go and do something else, c. Just say, "No, thanks," and walk away, d. Make up a good excuse, tell your friend you had something else to do, and leave

### Formulas

- 2008, 2006, 2004, 2002, 2000** Recode Q1 (1=2) (2=1) (3=4) (4=3) into Q1r.  
2004, 2002, 2000 Recode Q2 Q3 Q4 (1=1) (2=4) (3=3) (4=2) into Q2r Q3r Q4r.  
2000 Compute risk49 = mean.3 (Q1r, Q2r, Q3r, Q4r).  
1998 Compute (same)- 1.
-

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<b><u>Cutpoints</u></b>				
	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	2.884	2.886	2.640
<b>2002, 2000</b>	3.228	2.884	2.886	2.640
<b>1998</b>	1.5	1.5	1.5	1.5

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## Peer-Individual Protective Factor: Belief in the Moral Order

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**Domain:** Peer-Individual

**Type:** Protective Factor

**Factor Name:** Belief in the Moral Order

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004, 2002, 2000, 1998

**Variable Name:** risk50

**SDRG Name:** PPBMO

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### Items

- 2008, 2006, 2004, 2002, 2000, 1998** Q1. I think it is okay to take something without asking as long as you get away with it.  
Q2. I think sometimes it's okay to cheat at school.  
Q3. It is all right to beat up people if they start the fight.  
Q4. It is important to be honest with your parents, even if they become upset or you get punished.

**Response options:** a. NO!, b. no, c. yes, d. YES!

### Formulas

- 2008, 2006, 2004, 2002, 2000** Recode Q1 Q2 Q3 (1=4) (2=3) (3=2) (4=1) into Q1r Q2r Q3r.  
Compute risk50 = mean.3 (Q1r, Q2r, Q3r, Q4).  
**1998** Recode (same)  
Compute (same)- 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	NA	2.899	2.653	2.905
<b>2002, 2000</b>	3.395	2.899	2.653	2.905
<b>1998</b>	1.5	1.5	1.5	1.5

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## Peer-Individual Protective Factor: Interaction with Prosocial Peers

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**Domain:** Peer-Individual

**Type:** Protective Factor

**Factor Name:** Interaction with Prosocial Peers

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004

**Variable Name:** risk57

**SDRG Name:** PPIPP

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### Items

**2008, 2006, 2004** Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

Q1. Participated in clubs, organizations, or activities at school?

Q2. Made a commitment to stay drug-free?

Q3. Liked school?

Q4. Regularly attended religious services?

Q5. Tried to do well in school?

**Response options:** a. None of my friends b. 1 of my friends c. 2 of my friends d. 3 of my friends e. 4 of my friends

### Formulas

**2008, 2006, 2004** Compute risk57 = mean.3 (Q1, Q2, Q3, Q4, Q5)-1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008, 2006, 2004</b>	2.773	2.368	2.115	2.112

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## Peer-Individual Protective Factor: Prosocial Involvement

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**Domain:** Peer-Individual

**Type:** Protective Factor

**Factor Name:** Prosocial Involvement

**Previous Names:** None

**Years Used for HYS:** 2008, 2006, 2004

**Variable Name:** risk58

**SDRG Name:** PPPI

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### Items

- 2008, 2006, 2004** How many times in the past year (12 months) have you:
- Q1. Participated in clubs, organizations, or activities at school?
  - Q2. Done extra work on your own for school?
  - Q3. Volunteered to do community service?
- Response options:** a. Never b. 1 or 2 times c. 3 to 5 times d. 6 to 9 times e. 10 to 19 times f. 20 to 29 times, g. 30 to 39 times, h. 40+ times

### Formulas

- 2008, 2006, 2004** Compute risk58 = mean.2 (Q1, Q2, Q3).

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>2008</b>	2.498	NA	NA	NA
<b>2006, 2004</b>	2.498	2.509	2.876	3.575

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## Peer-Individual Protective Factor: Religiosity

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**Domain:** Peer-Individual

**Type:** Protective Factor

**Factor Name:** Religiosity

**Previous Names:** None

**Years Used for HYS:** 1998

**Variable Name:** risk54

**SDRG Name:** PPREL

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### Items

**1998** Q1. How often do you attend religious services or activities

**Response options:** a. Never, b. Rarely, c. 1-2 times a month, d. Once a week or more

### Formulas

**1998** Compute Risk54 = mean.1 (Q1) - 1.

### Cutpoints

	<b>Grade 6</b>	<b>Grade 8</b>	<b>Grade 10</b>	<b>Grade 12</b>
<b>1998</b>	1.5	1.5	1.5	1.5

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