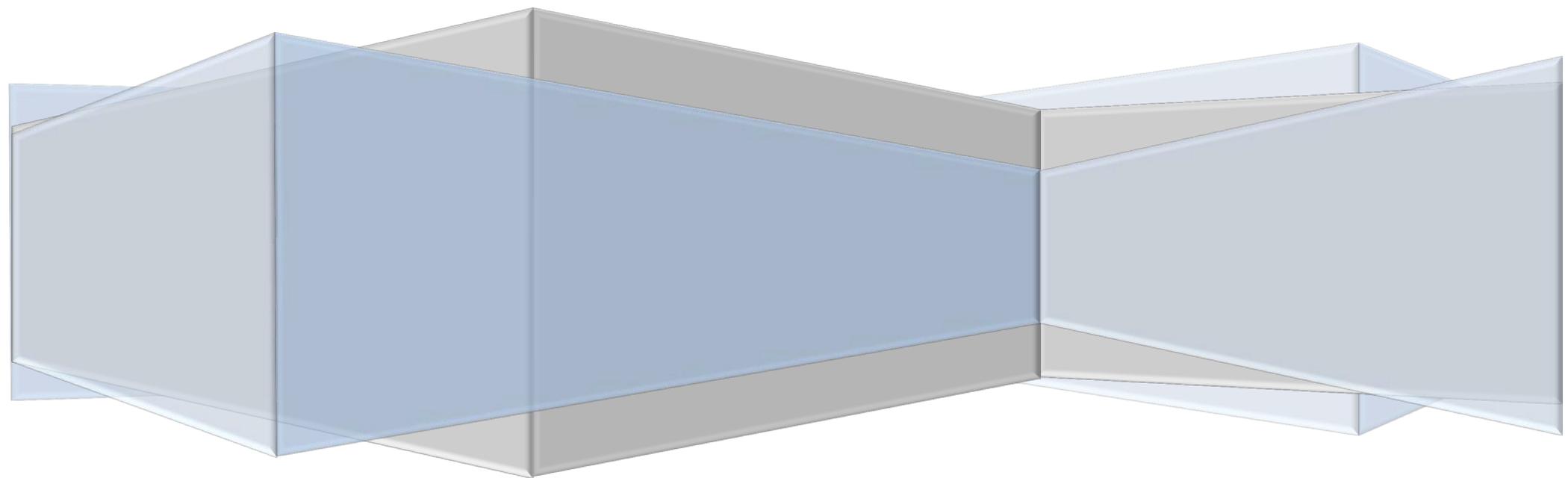




# Adverse Childhood Experience

2010 Behavioral Risk Factor Surveillance System



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### During childhood they lived with someone who was depressed, mentally ill, or suicidal

Demographic	Prevalence	CI
Total	16	15-18
Male	13	11-16
Female	19	17-21
18-29	24	18-31
30-44	20	18-24
45-64	14	13-16
65+	8	7-10
< High School	13	9-19
High School	14	12-17
Some College	19	16-23
College Degree	17	14-19
<\$15,000	21	17-26
\$15,000 to \$24,999	15	11-19
\$25,000 to \$49,999	12	10-15
\$50,000 to \$74,999	18	14-22
\$75,000+	18	15-22
White, non-Hispanic	16	14-17
Black, non-Hispanic	18	13-25
Hispanic	NSR	NSR
Married	15	13-17

Demographic	Prevalence	CI
Divorced/Separated	21	17-25
Widowed	8	6-11
Never Married	20	16-26
Veteran	13	9-17
Non-Veteran	17	15-18
Diagnosed Diabetic	14	10-18
Not Diagnosed Diabetic	16	15-18
Asthmatic (Current)	27	21-33
Not Asthmatic	15	14-17
Obese (BMI $\geq$ 30)	17	15-20
Overweight (25 $\leq$ BMI < 30)	14	12-17
Neither Overweight nor Obese	17	14-20
Current Smoker	22	18-26
Former Smoker	16	13-19
Never Smoked	14	12-16
Chronic Drinker	20	14-27
Drink but Not Chronic	15	13-18
Non-Drinker	17	14-19
No Health Care Coverage	18	14-23
Have Health Care Coverage	16	14-17

NSR = Not Statistically Reliable due to small numbers

CI = 95% Confidence Interval

### During childhood they lived with someone who was a problem drinker or alcoholic

Demographic	Prevalence	CI
Total	19	18-21
Male	17	14-19
Female	22	20-24
18-29	20	15-27
30-44	20	17-23
45-64	21	19-23
65+	15	13-17
< High School	26	21-33
High School	20	18-23
Some College	22	19-25
College Degree	16	14-18
<\$15,000	29	24-35
\$15,000 to \$24,999	26	22-30
\$25,000 to \$49,999	17	14-20
\$50,000 to \$74,999	20	16-24
\$75,000+	18	15-21
White, non-Hispanic	19	17-20
Black, non-Hispanic	28	22-35
Hispanic	NSR	NSR
Married	17	15-19

Demographic	Prevalence	CI
Divorced/Separated	29	25-34
Widowed	20	16-24
Never Married	21	16-25
Veteran	22	18-27
Non-Veteran	19	18-21
Diagnosed Diabetic	22	18-26
Not Diagnosed Diabetic	19	18-21
Asthmatic (Current)	30	25-36
Not Asthmatic	18	17-20
Obese (BMI $\geq$ 30)	24	21-27
Overweight (25 $\leq$ BMI < 30)	17	14-19
Neither Overweight nor Obese	18	16-21
Current Smoker	30	26-34
Former Smoker	21	19-24
Never Smoked	15	13-17
Chronic Drinker	23	17-31
Drink but Not Chronic	19	17-21
Non-Drinker	20	18-22
No Health Care Coverage	25	20-31
Have Health Care Coverage	19	17-20

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**During childhood they lived with someone who used illegal street drugs  
or abused prescription medications**

Demographic	Prevalence	CI
Total	7	6-8
Male	6	5-8
Female	9	7-10
18-29	13	9-18
30-44	9	7-12
45-64	7	6-8
65+	2	1-2
< High School	9	6-15
High School	9	7-11
Some College	7	5-9
College Degree	6	5-8
<\$15,000	13	9-18
\$15,000 to \$24,999	8	5-11
\$25,000 to \$49,999	5	4-8
\$50,000 to \$74,999	9	6-12
\$75,000+	7	5-10
White, non-Hispanic	7	6-8
Black, non-Hispanic	18	13-25
Hispanic	NSR	NSR
Married	6	5-7

Demographic	Prevalence	CI
Divorced/Separated	10	8-14
Widowed	2	1-5
Never Married	12	9-17
Veteran	6	4-9
Non-Veteran	7	6-9
Diagnosed Diabetic	6	4-9
Not Diagnosed Diabetic	7	6-9
Asthmatic (Current)	12	8-17
Not Asthmatic	7	6-8
Obese (BMI $\geq$ 30)	9	7-11
Overweight (25 $\leq$ BMI < 30)	6	5-8
Neither Overweight nor Obese	7	6-9
Current Smoker	15	12-19
Former Smoker	7	5-9
Never Smoked	5	4-6
Chronic Drinker	7	4-12
Drink but Not Chronic	8	7-10
Non-Drinker	7	5-8
No Health Care Coverage	10	7-14
Have Health Care Coverage	7	6-8

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**During childhood they lived with someone who served time or was sentenced to serve time in prison, jail, or other correctional facility**

Demographic	Prevalence	CI
Total	5	4-6
Male	6	4-7
Female	4	3-5
18-29	14	10-20
30-44	5	3-7
45-64	4	3-5
65+	2	1-3
< High School	10	7-15
High School	6	4-8
Some College	5	4-7
College Degree	3	2-4
<\$15,000	12	8-18
\$15,000 to \$24,999	8	5-11
\$25,000 to \$49,999	4	2-6
\$50,000 to \$74,999	4	2-6
\$75,000+	4	3-6
White, non-Hispanic	4	3-5
Black, non-Hispanic	19	13-25
Hispanic	NSR	NSR
Married	3	3-5

Demographic	Prevalence	CI
Divorced/Separated	8	5-12
Widowed	2	1-4
Never Married	9	6-12
Veteran	3	2-4
Non-Veteran	5	4-6
Diagnosed Diabetic	5	3-9
Not Diagnosed Diabetic	5	4-6
Asthmatic (Current)	8	5-13
Not Asthmatic	5	4-6
Obese (BMI $\geq$ 30)	7	5-10
Overweight (25 $\leq$ BMI < 30)	4	3-5
Neither Overweight nor Obese	4	3-6
Current Smoker	11	8-14
Former Smoker	4	3-6
Never Smoked	3	2-4
Chronic Drinker	8	4-15
Drink but Not Chronic	5	4-6
Non-Drinker	5	4-6
No Health Care Coverage	12	8-17
Have Health Care Coverage	4	3-5

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### During childhood their parents were separated or divorced

Demographic	Prevalence	CI
Total	21	19-22
Male	19	17-22
Female	22	21-25
18-29	29	24-36
30-44	29	26-33
45-64	16	15-19
65+	11	9-13
< High School	33	27-40
High School	23	21-26
Some College	23	20-27
College Degree	15	13-18
<\$15,000	30	24-35
\$15,000 to \$24,999	24	20-28
\$25,000 to \$49,999	21	18-24
\$50,000 to \$74,999	22	19-26
\$75,000+	18	15-22
White, non-Hispanic	19	18-21
Black, non-Hispanic	50	42-57
Hispanic	38	25-52
Married	18	16-20

Demographic	Prevalence	CI
Divorced/Separated	32	27-36
Widowed	14	11-18
Never Married	27	23-32
Veteran	17	13-21
Non-Veteran	21	20-23
Diagnosed Diabetic	19	15-23
Not Diagnosed Diabetic	21	19-23
Asthmatic (Current)	25	20-31
Not Asthmatic	20	19-22
Obese (BMI $\geq$ 30)	25	22-28
Overweight (25 $\leq$ BMI < 30)	19	16-21
Neither Overweight nor Obese	19	17-22
Current Smoker	34	30-39
Former Smoker	21	18-24
Never Smoked	17	15-19
Chronic Drinker	27	20-35
Drink but Not Chronic	21	18-23
Non-Drinker	20	18-23
No Health Care Coverage	29	24-34
Have Health Care Coverage	20	18-22

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### During childhood they witnessed domestic violence on at least one occasion

Demographic	Prevalence	CI
Total	15	14-17
Male	15	13-17
Female	15	14-17
18-29	15	10-20
30-44	17	15-20
45-64	17	15-19
65+	9	7-11
< High School	29	23-35
High School	17	15-20
Some College	16	13-19
College Degree	11	9-13
<\$15,000	26	21-31
\$15,000 to \$24,999	22	18-27
\$25,000 to \$49,999	15	12-18
\$50,000 to \$74,999	15	12-19
\$75,000+	12	10-15
White, non-Hispanic	14	13-16
Black, non-Hispanic	24	18-31
Hispanic	19	11-31
Married	13	12-15

Demographic	Prevalence	CI
Divorced/Separated	26	22-30
Widowed	9	7-11
Never Married	18	14-23
Veteran	17	13-22
Non-Veteran	15	13-16
Diagnosed Diabetic	17	13-21
Not Diagnosed Diabetic	15	14-16
Asthmatic (Current)	23	18-28
Not Asthmatic	14	13-16
Obese (BMI $\geq$ 30)	20	17-23
Overweight (25 $\leq$ BMI < 30)	14	12-16
Neither Overweight nor Obese	13	10-15
Current Smoker	26	22-30
Former Smoker	17	15-20
Never Smoked	11	9-12
Chronic Drinker	17	12-24
Drink but Not Chronic	13	11-15
Non-Drinker	17	15-19
No Health Care Coverage	26	21-32
Have Health Care Coverage	14	13-15

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### During childhood a parent physically hurt them at least once

Demographic	Prevalence	CI
Total	14	13-16
Male	14	12-16
Female	15	13-16
18-29	14	10-19
30-44	17	15-20
45-64	14	13-16
65+	9	8-11
< High School	23	18-30
High School	15	13-18
Some College	15	12-18
College Degree	11	9-13
<\$15,000	25	20-30
\$15,000 to \$24,999	19	15-23
\$25,000 to \$49,999	14	11-16
\$50,000 to \$74,999	13	10-16
\$75,000+	12	10-15
White, non-Hispanic	14	12-15
Black, non-Hispanic	16	12-22
Hispanic	20	12-33
Married	13	11-14

Demographic	Prevalence	CI
Divorced/Separated	22	19-26
Widowed	9	7-12
Never Married	17	13-21
Veteran	18	14-23
Non-Veteran	14	12-15
Diagnosed Diabetic	17	13-21
Not Diagnosed Diabetic	14	13-15
Asthmatic (Current)	22	17-27
Not Asthmatic	13	12-15
Obese (BMI $\geq$ 30)	18	15-20
Overweight (25 $\leq$ BMI < 30)	13	12-16
Neither Overweight nor Obese	12	10-14
Current Smoker	25	21-29
Former Smoker	16	14-19
Never Smoked	10	8-11
Chronic Drinker	22	16-29
Drink but Not Chronic	13	11-15
Non-Drinker	15	13-17
No Health Care Coverage	20	16-25
Have Health Care Coverage	14	12-15

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### During childhood a parent swore, insulted, or put them down at least once

Demographic	Prevalence	CI
Total	33	31-35
Male	33	30-36
Female	33	31-36
18-29	38	31-45
30-44	37	33-40
45-64	36	34-39
65+	20	18-23
< High School	34	28-40
High School	31	29-34
Some College	38	35-43
College Degree	32	29-35
<\$15,000	41	35-47
\$15,000 to \$24,999	34	29-38
\$25,000 to \$49,999	30	27-34
\$50,000 to \$74,999	33	29-38
\$75,000+	35	31-38
White, non-Hispanic	33	31-35
Black, non-Hispanic	35	29-42
Hispanic	31	20-44
Married	31	29-34

Demographic	Prevalence	CI
Divorced/Separated	42	37-46
Widowed	18	16-22
Never Married	41	35-46
Veteran	35	30-40
Non-Veteran	33	31-35
Diagnosed Diabetic	34	29-39
Not Diagnosed Diabetic	33	31-35
Asthmatic (Current)	44	38-50
Not Asthmatic	32	30-34
Obese (BMI $\geq$ 30)	37	34-40
Overweight (25 $\leq$ BMI < 30)	32	29-35
Neither Overweight nor Obese	31	28-35
Current Smoker	48	43-53
Former Smoker	34	31-37
Never Smoked	28	25-30
Chronic Drinker	38	30-46
Drink but Not Chronic	34	32-37
Non-Drinker	31	29-34
No Health Care Coverage	42	36-48
Have Health Care Coverage	32	30-34

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**During childhood they were touched sexually at least once by an adult  
or someone at least 5 years older**

Demographic	Prevalence	CI
Total	9	8-10
Male	5	4-6
Female	12	11-14
18-29	7	5-11
30-44	10	8-12
45-64	10	8-12
65+	6	5-8
< High School	10	6-14
High School	10	8-12
Some College	10	8-12
College Degree	7	6-9
<\$15,000	16	11-22
\$15,000 to \$24,999	12	9-16
\$25,000 to \$49,999	8	6-9
\$50,000 to \$74,999	8	6-11
\$75,000+	8	6-10
White, non-Hispanic	8	7-9
Black, non-Hispanic	11	8-16
Hispanic	11	5-22
Married	8	7-10

Demographic	Prevalence	CI
Divorced/Separated	16	12-19
Widowed	7	5-10
Never Married	7	5-10
Veteran	6	4-9
Non-Veteran	9	8-10
Diagnosed Diabetic	13	9-18
Not Diagnosed Diabetic	8	7-9
Asthmatic (Current)	17	13-22
Not Asthmatic	8	7-9
Obese (BMI $\geq$ 30)	12	10-14
Overweight (25 $\leq$ BMI < 30)	7	6-9
Neither Overweight nor Obese	7	6-9
Current Smoker	16	13-20
Former Smoker	10	8-12
Never Smoked	6	5-7
Chronic Drinker	8	5-13
Drink but Not Chronic	8	6-9
Non-Drinker	10	9-12
No Health Care Coverage	9	6-13
Have Health Care Coverage	9	8-10

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**During childhood they were forced by an adult or someone at least 5 years older to touch them sexually**

Demographic	Prevalence	CI
Total	6	5-7
Male	4	3-5
Female	8	7-10
18-29	4	3-8
30-44	9	7-11
45-64	6	5-7
65+	3	2-4
< High School	8	5-12
High School	7	5-8
Some College	7	5-9
College Degree	5	4-7
<\$15,000	14	10-20
\$15,000 to \$24,999	9	7-12
\$25,000 to \$49,999	5	3-6
\$50,000 to \$74,999	6	4-8
\$75,000+	6	4-8
White, non-Hispanic	5	5-6
Black, non-Hispanic	11	8-16
Hispanic	7	3-17
Married	6	5-7

Demographic	Prevalence	CI
Divorced/Separated	10	8-14
Widowed	5	3-7
Never Married	4	3-6
Veteran	5	3-7
Non-Veteran	6	5-7
Diagnosed Diabetic	7	5-11
Not Diagnosed Diabetic	6	5-7
Asthmatic (Current)	12	9-17
Not Asthmatic	6	5-7
Obese (BMI $\geq$ 30)	8	7-11
Overweight (25 $\leq$ BMI < 30)	4	3-6
Neither Overweight nor Obese	6	4-8
Current Smoker	13	11-17
Former Smoker	7	5-9
Never Smoked	4	3-5
Chronic Drinker	5	3-9
Drink but Not Chronic	6	4-7
Non-Drinker	7	6-8
No Health Care Coverage	8	5-11
Have Health Care Coverage	6	5-7

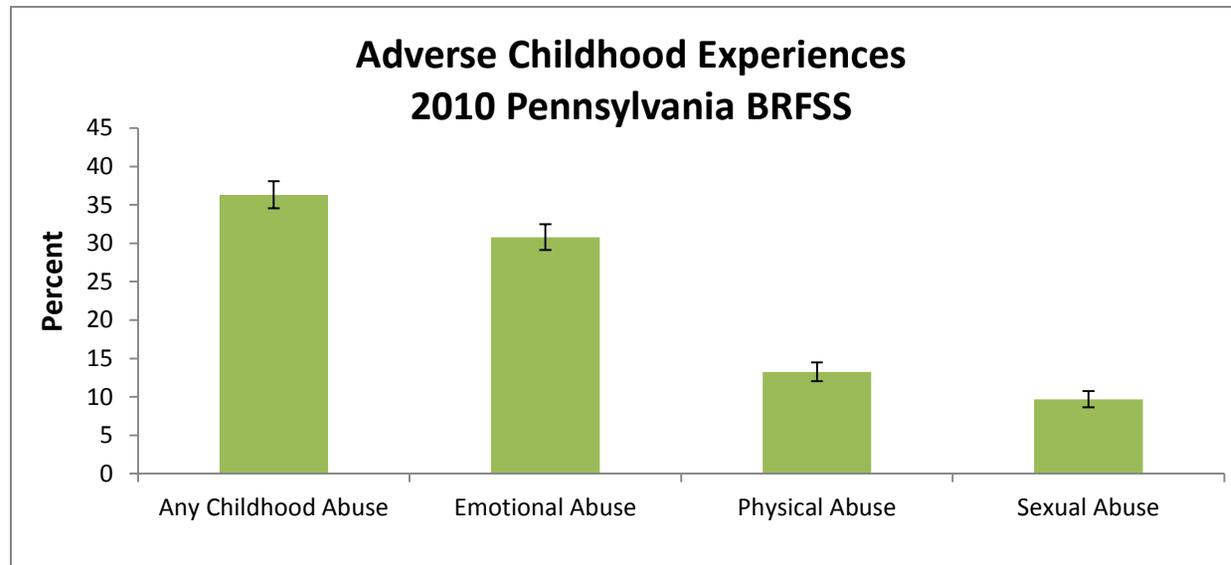
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**During childhood they were forced by an adult or someone at least 5 years older to have sex with them**

Demographic	Prevalence	CI
Total	4	3-4
Male	2	1-3
Female	5	4-6
18-29	2	1-4
30-44	5	4-7
45-64	3	3-4
65+	1	1-2
< High School	7	4-11
High School	4	3-5
Some College	3	2-5
College Degree	3	2-4
<\$15,000	9	6-13
\$15,000 to \$24,999	5	4-8
\$25,000 to \$49,999	3	2-5
\$50,000 to \$74,999	2	1-4
\$75,000+	3	2-5
White, non-Hispanic	3	3-4
Black, non-Hispanic	7	5-11
Hispanic	3	1-11
Married	3	2-4

Demographic	Prevalence	CI
Divorced/Separated	7	5-10
Widowed	3	1-5
Never Married	3	2-5
Veteran	3	1-4
Non-Veteran	4	3-4
Diagnosed Diabetic	4	3-6
Not Diagnosed Diabetic	3	3-4
Asthmatic (Current)	7	5-11
Not Asthmatic	3	2-4
Obese (BMI $\geq$ 30)	5	4-7
Overweight (25 $\leq$ BMI < 30)	2	2-3
Neither Overweight nor Obese	3	2-5
Current Smoker	8	6-11
Former Smoker	4	3-5
Never Smoked	2	1-3
Chronic Drinker	1	0-4
Drink but Not Chronic	3	2-4
Non-Drinker	4	3-5
No Health Care Coverage	5	3-7
Have Health Care Coverage	3	3-4

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- According to the 2010 survey, an estimated 53 percent of Pennsylvania adults experienced one or more adverse childhood experiences, with 13 percent experiencing four or more.
- Thirty-six percent of Pennsylvania adults indicated on the 2010 survey that during childhood they experienced any childhood abuse.
- Thirty-one percent of Pennsylvania adults reported on the 2010 survey that during childhood they experienced emotional abuse.
- Thirteen percent of Pennsylvania adults reported on the 2010 survey that during childhood they experienced physical abuse.
- Ten percent of Pennsylvania adults indicated on the 2010 survey that during childhood they experienced sexual abuse.

## Appendix: 2010 Adverse Childhood Experience Questions

The following were asked during in the 2010 Pennsylvania Behavioral Risk Factor Surveillance System (BRFSS) survey. All questions refer to the time period before the respondent was 18 years of age.

### Question 1

Did you live with anyone who was depressed, mentally ill, or suicidal?

1. Yes
2. No
7. Don't Know/Not Sure
9. Refused

### Question 2

Did you live with anyone who was a problem drinker or alcoholic?

1. Yes
2. No
7. Don't Know/Not Sure
9. Refused

### Question 3

Did you live with anyone who used illegal street drugs or who abused prescription medications?

1. Yes
2. No
7. Don't Know/Not Sure
9. Refused

**Question 4**

Did you live with anyone who served time or was sentenced to serve time in a prison, jail, or other correctional facility?

1. Yes
2. No
7. Don't Know/Not Sure
9. Refused

**Question 5**

Were your parents separated or divorced?

1. Yes
2. No
8. Parents Not Married
7. Don't Know/Not Sure
9. Refused

**Question 6**

How often did your parents or adults in your home ever slap, hit, kick, punch or beat each other up?

1. Never
2. Once
3. More Than Once
7. Don't Know/Not Sure
9. Refused

**Question 7**

Before age 18, how often did a parent or adult in your home ever hit, beat, kick, or physically hurt you in any way? Do not include spanking.

1. Never
2. Once
3. More Than Once
7. Don't Know/Not Sure
9. Refused

**Question 8**

How often did a parent or adult in your home ever swear at you, insult you, or put you down?

1. Never
2. Once
3. More Than Once
7. Don't Know/Not Sure
9. Refused

**Question 9**

How often did anyone at least 5 years older than you or an adult, ever touch you sexually?

1. Never
2. Once
3. More Than Once
7. Don't Know/Not Sure
9. Refused

**Question 10**

How often did anyone at least 5 years older than you or an adult, try to make you touch them sexually?

1. Never
2. Once
3. More Than Once
7. Don't Know/Not Sure
9. Refused

**Question 11**

How often did anyone at least 5 years older than you or an adult, force you to have sex?

1. Never
2. Once
3. More Than Once
7. Don't Know/Not Sure
9. Refused