

Adverse Childhood Experiences (ACEs) in Maryland: Data from the 2015 Maryland BRFSS



Statewide and county-level estimates
For non-institutionalized Maryland adults age 18+

Data Tables ONLY

Prepared August 2017 by Maryland Behavioral Risk Factor Surveillance System
Updated October 2017

<http://phpa.dhmh.maryland.gov/ccdpc/Reports/Pages/brfss.aspx>

For information about ACE question wording, please visit the following web pages:
https://phpa.health.maryland.gov/ccdpc/Reports/Documents/MD_BRFSS_Questionnaire_2015.pdf
https://www.cdc.gov/violenceprevention/acestudy/ace_brfss.html

For questions, please email the Maryland BRFSS coordinator at mdh.brfss@maryland.gov

Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Number of ACEs

	%	95% CI	
		LL	UL
Maryland Statewide			
0 ACEs	40.2	37.5	43.0
1 to 2 ACEs	35.7	32.9	38.4
3 to 8 ACEs	24.1	21.5	26.8
<u>BY COUNTY</u>			
Allegany County			
0 ACEs	41.5	29.3	53.7
1 to 2 ACEs	44.1	30.2	57.9
3 to 8 ACEs	14.5	6.7	22.2
Anne Arundel County			
0 ACEs	40.2	30.9	49.6
1 to 2 ACEs	34.1	25.8	42.3
3 to 8 ACEs	25.7	16.3	35.2
Baltimore County			
0 ACEs	44.6	37.7	51.5
1 to 2 ACEs	34.2	27.9	40.6
3 to 8 ACEs	21.2	15.5	26.8
Calvert County			
0 ACEs	29.1	18.9	39.3
1 to 2 ACEs	46.0	31.9	60.0
3 to 8 ACEs	25.0	11.6	38.3
Caroline County			
0 ACEs	39.3	22.2	56.4
1 to 2 ACEs	33.4	18.5	48.2
3 to 8 ACEs	*	*	*
Carroll County			
0 ACEs	47.7	31.8	63.5
1 to 2 ACEs	29.8	16.3	43.2
3 to 8 ACEs	*	*	*
Cecil County			
0 ACEs	34.7	21.4	47.9
1 to 2 ACEs	46.8	32.4	61.1
3 to 8 ACEs	18.6	8.9	28.2
Charles County			
0 ACEs	44.4	31.7	57.1
1 to 2 ACEs	24.3	15.4	33.3
3 to 8 ACEs	31.3	18.1	44.5

*Data suppressed due to denominator < 50 or relative standard error ≥ 30.0%.

Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

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Number of ACEs

	%	95% CI	
		LL	UL
Maryland Statewide			
0 ACEs	40.2	37.5	43.0
1 to 2 ACEs	35.7	32.9	38.4
3 to 8 ACEs	24.1	21.5	26.8
<u>BY COUNTY</u>			
Dorchester County			
0 ACEs	25.9	14.4	37.5
1 to 2 ACEs	42.5	23.7	61.2
3 to 8 ACEs	31.6	16.2	47.0
Frederick County			
0 ACEs	40.8	30.6	51.0
1 to 2 ACEs	32.0	21.1	42.8
3 to 8 ACEs	27.2	15.4	39.1
Garrett County			
0 ACEs	48.3	35.6	61.0
1 to 2 ACEs	32.7	20.4	45.1
3 to 8 ACEs	*	*	*
Harford County			
0 ACEs	41.0	27.8	54.1
1 to 2 ACEs	32.0	19.5	44.5
3 to 8 ACEs	27.1	14.1	40.1
Howard County			
0 ACEs	49.2	38.2	60.1
1 to 2 ACEs	34.1	23.5	44.6
3 to 8 ACEs	16.8	7.8	25.7
Kent County			
0 ACEs	43.6	28.3	58.9
1 to 2 ACEs	28.9	16.0	41.7
3 to 8 ACEs	27.5	12.2	42.9
Montgomery County			
0 ACEs	46.1	38.6	53.6
1 to 2 ACEs	38.6	31.0	46.2
3 to 8 ACEs	15.3	9.8	20.7
Prince Georges County			
0 ACEs	39.9	30.8	48.9
1 to 2 ACEs	36.5	27.2	45.7
3 to 8 ACEs	23.6	15.1	32.1

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Number of ACEs

	%	95% CI	
		LL	UL
Maryland Statewide			
0 ACEs	40.2	37.5	43.0
1 to 2 ACEs	35.7	32.9	38.4
3 to 8 ACEs	24.1	21.5	26.8
<u>BY COUNTY</u>			
Queen Anne's County			
0 ACEs	39.7	25.5	54.0
1 to 2 ACEs	37.9	24.1	51.7
3 to 8 ACEs	*	*	*
Saint Mary's County			
0 ACEs	47.4	33.0	61.7
1 to 2 ACEs	31.8	19.6	44.0
3 to 8 ACEs	20.9	9.8	31.9
Somerset County			
0 ACEs	35.3	18.7	51.9
1 to 2 ACEs	48.1	29.4	66.8
3 to 8 ACEs	*	*	*
Talbot County			
0 ACEs	46.8	32.2	61.4
1 to 2 ACEs	32.7	21.1	44.3
3 to 8 ACEs	*	*	*
Washington County			
0 ACEs	47.0	32.1	61.9
1 to 2 ACEs	26.2	16.3	36.0
3 to 8 ACEs	26.8	11.4	42.3
Wicomico County			
0 ACEs	23.4	12.8	34.0
1 to 2 ACEs	42.6	24.7	60.6
3 to 8 ACEs	*	*	*
Worcester County			
0 ACEs	32.2	15.2	49.2
1 to 2 ACEs	47.3	28.9	65.7
3 to 8 ACEs	*	*	*
Baltimore City			
0 ACEs	19.3	13.0	25.6
1 to 2 ACEs	39.1	28.6	49.6
3 to 8 ACEs	41.6	31.1	52.1

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Household Mental Illness

	%	95% CI	
		LL	UL
Maryland statewide	15.0	12.9	17.0
<u>By county</u>			
Allegany County	24.0	11.7	36.3
Anne Arundel County	14.0	7.3	20.6
Baltimore County	17.2	11.2	23.2
Calvert County	*	*	*
Caroline County	*	*	*
Carroll County	*	*	*
Cecil County	15.8	6.8	24.8
Charles County	17.6	8.0	27.1
Dorchester County	*	*	*
Frederick County	18.5	8.0	29.0
Garrett County	*	*	*
Harford County	20.5	9.9	31.1
Howard County	8.5	4.6	12.3
Kent County	*	*	*
Montgomery County	13.4	8.5	18.2
Prince Georges County	10.9	4.6	17.2
Queen Anne's County	11.4	4.8	17.9
Saint Mary's County	*	*	*
Somerset County	*	*	*
Talbot County	11.3	5.2	17.4
Washington County	*	*	*
Wicomico County	*	*	*
Worcester County	*	*	*
Baltimore City	16.3	9.2	23.4

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Household Substance Abuse

	%	95% CI	
		LL	UL
Maryland statewide	24.9	22.5	27.4
<u>By county</u>			
Allegany County	30.9	18.5	43.3
Anne Arundel County	25.3	17.1	33.5
Baltimore County	25.4	19.2	31.6
Calvert County	31.5	18.2	44.7
Caroline County	37.2	17.9	56.5
Carroll County	26.8	11.3	42.3
Cecil County	25.4	14.6	36.1
Charles County	36.9	24.4	49.4
Dorchester County	*	*	*
Frederick County	30.2	19.0	41.3
Garrett County	23.6	12.2	35.0
Harford County	*	*	*
Howard County	21.9	12.6	31.2
Kent County	38.8	21.2	56.3
Montgomery County	15.4	10.7	20.1
Prince Georges County	20.5	14.2	26.8
Queen Anne's County	30.8	16.0	45.6
Saint Mary's County	20.5	10.8	30.3
Somerset County	*	*	*
Talbot County	18.2	10.4	26.1
Washington County	17.9	9.3	26.5
Wicomico County	25.2	12.0	38.4
Worcester County	*	*	*
Baltimore City	43.3	33.0	53.6

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Incarcerated Household Member

	%	95% CI	
		LL	UL
Maryland statewide	7.6	6.0	9.1
<u>By county</u>			
Allegany County	*	*	*
Anne Arundel County	*	*	*
Baltimore County	7.9	4.8	10.9
Calvert County	*	*	*
Caroline County	*	*	*
Carroll County	*	*	*
Cecil County	*	*	*
Charles County	*	*	*
Dorchester County	*	*	*
Frederick County	*	*	*
Garrett County	*	*	*
Harford County	*	*	*
Howard County	*	*	*
Kent County	*	*	*
Montgomery County	*	*	*
Prince Georges County	7.7	3.3	12.1
Queen Anne's County	*	*	*
Saint Mary's County	*	*	*
Somerset County	*	*	*
Talbot County	*	*	*
Washington County	*	*	*
Wicomico County	*	*	*
Worcester County	*	*	*
Baltimore City	18.1	8.6	27.6

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Parental Separation or Divorce

	%	95% CI	
		LL	UL
Maryland statewide	27.5	24.8	30.1
<u>By county</u>			
Allegany County	22.5	9.9	35.0
Anne Arundel County	26.4	17.4	35.3
Baltimore County	24.2	17.7	30.6
Calvert County	36.9	21.7	52.1
Caroline County	43.2	23.6	62.9
Carroll County	*	*	*
Cecil County	19.9	9.0	30.8
Charles County	31.5	18.9	44.0
Dorchester County	52.9	36.5	69.4
Frederick County	30.5	18.6	42.4
Garrett County	*	*	*
Harford County	29.2	16.0	42.3
Howard County	21.6	12.3	30.8
Kent County	38.4	20.6	56.2
Montgomery County	19.9	13.3	26.4
Prince Georges County	27.2	19.3	35.2
Queen Anne's County	34.1	18.6	49.7
Saint Mary's County	22.8	11.6	34.0
Somerset County	45.0	20.9	69.1
Talbot County	14.2	7.2	21.2
Washington County	24.7	13.7	35.6
Wicomico County	47.8	29.4	66.1
Worcester County	24.9	10.4	39.4
Baltimore City	43.3	33.1	53.5

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Intimate Partner Violence

	%	95% CI	
		LL	UL
Maryland statewide	17.4	15.2	19.6
<u>By county</u>			
Allegany County	15.1	7.2	22.9
Anne Arundel County	12.6	7.0	18.2
Baltimore County	16.6	12.3	20.9
Calvert County	16.6	9.4	23.8
Caroline County	*	*	*
Carroll County	*	*	*
Cecil County	*	*	*
Charles County	21.6	9.5	33.8
Dorchester County	26.7	12.8	40.6
Frederick County	*	*	*
Garrett County	*	*	*
Harford County	23.7	9.9	37.6
Howard County	10.4	4.4	16.5
Kent County	*	*	*
Montgomery County	10.4	6.0	14.9
Prince Georges County	22.0	13.8	30.1
Queen Anne's County	*	*	*
Saint Mary's County	15.2	6.5	23.9
Somerset County	*	*	*
Talbot County	*	*	*
Washington County	9.0	4.5	13.6
Wicomico County	*	*	*
Worcester County	28.3	13.1	43.5
Baltimore City	29.0	19.7	38.3

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Emotional Abuse

	%	95% CI	
		LL	UL
Maryland statewide	31.2	28.6	33.8
<u>By county</u>			
Allegany County	22.6	13.2	31.9
Anne Arundel County	29.7	20.8	38.6
Baltimore County	32.1	25.7	38.5
Calvert County	32.3	19.0	45.6
Caroline County	33.3	15.9	50.8
Carroll County	35.1	19.6	50.5
Cecil County	38.3	23.8	52.9
Charles County	29.4	17.3	41.6
Dorchester County	31.7	17.0	46.3
Frederick County	40.9	29.1	52.8
Garrett County	33.1	21.2	45.1
Harford County	36.1	22.8	49.3
Howard County	27.7	17.2	38.2
Kent County	34.9	16.9	52.9
Montgomery County	28.8	22.1	35.4
Prince Georges County	26.6	18.8	34.4
Queen Anne's County	22.3	12.9	31.6
Saint Mary's County	35.4	22.9	47.8
Somerset County	32.0	13.4	50.6
Talbot County	*	*	*
Washington County	33.7	19.8	47.7
Wicomico County	41.5	23.0	60.1
Worcester County	36.9	20.3	53.5
Baltimore City	33.8	24.4	43.3

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

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Prepared August 15, 2017

Physical Abuse

	%	95% CI	
		LL	UL
Maryland statewide	16.9	14.6	19.2
<u>By county</u>			
Allegany County	*	*	*
Anne Arundel County	15.7	8.5	23.0
Baltimore County	17.0	11.7	22.2
Calvert County	13.6	7.3	19.9
Caroline County	*	*	*
Carroll County	*	*	*
Cecil County	*	*	*
Charles County	*	*	*
Dorchester County	*	*	*
Frederick County	*	*	*
Garrett County	*	*	*
Harford County	9.8	4.5	15.2
Howard County	*	*	*
Kent County	*	*	*
Montgomery County	16.3	10.2	22.5
Prince Georges County	18.7	11.0	26.4
Queen Anne's County	10.4	4.4	16.5
Saint Mary's County	*	*	*
Somerset County	*	*	*
Talbot County	*	*	*
Washington County	*	*	*
Wicomico County	34.5	14.9	54.0
Worcester County	*	*	*
Baltimore City	24.4	15.1	33.6

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2015 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared August 15, 2017

Sexual Abuse

	%	95% CI	
		LL	UL
Maryland statewide	11.1	9.3	12.8
<u>By county</u>			
Allegany County	*	*	*
Anne Arundel County	9.4	5.6	13.1
Baltimore County	10.8	7.1	14.6
Calvert County	*	*	*
Caroline County	*	*	*
Carroll County	*	*	*
Cecil County	*	*	*
Charles County	*	*	*
Dorchester County	*	*	*
Frederick County	*	*	*
Garrett County	*	*	*
Harford County	*	*	*
Howard County	*	*	*
Kent County	*	*	*
Montgomery County	9.3	4.7	13.9
Prince Georges County	10.1	4.2	16.0
Queen Anne's County	*	*	*
Saint Mary's County	*	*	*
Somerset County	*	*	*
Talbot County	*	*	*
Washington County	*	*	*
Wicomico County	*	*	*
Worcester County	*	*	*
Baltimore City	19.4	11.0	27.7

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