

Adverse Childhood Experiences (ACEs) in Maryland: Data from the 2018 Maryland BRFSS



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

Data Tables ONLY

Prepared January 2020 by Maryland Behavioral Risk Factor Surveillance System

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

For information about ACE question wording, please visit the following web pages:

https://www.cdc.gov/violenceprevention/cestudy/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: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Number of ACEs

	%	95% CI	
		LL	UL
Maryland Statewide			
0 ACEs	38.2	36.6	39.7
1 to 2 ACEs	38.8	37.2	40.4
3 to 8 ACEs	23.0	21.6	24.5
<u>BY COUNTY</u>			
Allegany County			
0 ACEs	48.9	38.7	59.0
1 to 2 ACEs	36.8	26.8	46.8
3 to 8 ACEs	14.3	9.0	19.7
Anne Arundel County			
0 ACEs	39.7	34.8	44.6
1 to 2 ACEs	37.9	33.1	42.7
3 to 8 ACEs	22.4	18.2	26.6
Baltimore County			
0 ACEs	34.2	30.1	38.3
1 to 2 ACEs	41.0	36.6	45.3
3 to 8 ACEs	24.8	20.6	28.9
Calvert County			
0 ACEs	33.0	25.1	40.8
1 to 2 ACEs	40.6	31.6	49.6
3 to 8 ACEs	26.4	18.3	34.6
Caroline County			
0 ACEs	44.4	31.4	57.4
1 to 2 ACEs	32.9	22.1	43.7
3 to 8 ACEs	22.7	14.4	31.0
Carroll County			
0 ACEs	37.9	29.3	46.4
1 to 2 ACEs	34.2	25.8	42.7
3 to 8 ACEs	27.9	18.9	37.0
Cecil County			
0 ACEs	37.6	29.1	46.2
1 to 2 ACEs	28.7	21.0	36.3
3 to 8 ACEs	33.7	24.4	43.1
Charles County			
0 ACEs	36.3	29.0	43.5
1 to 2 ACEs	39.5	31.6	47.4
3 to 8 ACEs	24.2	17.3	31.2

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

Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Number of ACEs

	%	95% CI	
		LL	UL
Maryland Statewide			
0 ACEs	38.2	36.6	39.7
1 to 2 ACEs	38.8	37.2	40.4
3 to 8 ACEs	23.0	21.6	24.5
<u>BY COUNTY</u>			
Dorchester County			
0 ACEs	41.1	30.0	52.2
1 to 2 ACEs	31.4	21.7	41.1
3 to 8 ACEs	27.5	17.0	38.1
Frederick County			
0 ACEs	45.3	39.5	51.1
1 to 2 ACEs	31.0	26.0	36.1
3 to 8 ACEs	23.7	18.2	29.2
Garrett County			
0 ACEs	49.6	40.5	58.7
1 to 2 ACEs	34.9	25.9	43.9
3 to 8 ACEs	15.5	9.0	21.9
Harford County			
0 ACEs	38.7	31.7	45.7
1 to 2 ACEs	36.6	29.8	43.4
3 to 8 ACEs	24.7	18.5	30.9
Howard County			
0 ACEs	41.4	34.0	48.7
1 to 2 ACEs	38.6	31.1	46.2
3 to 8 ACEs	20.0	13.4	26.5
Kent County			
0 ACEs	41.3	28.6	54.0
1 to 2 ACEs	35.4	24.0	46.8
3 to 8 ACEs	23.3	10.1	36.5
Montgomery County			
0 ACEs	44.6	40.3	49.0
1 to 2 ACEs	35.6	31.3	39.7
3 to 8 ACEs	19.8	15.9	23.7
Prince Georges County			
0 ACEs	39.1	34.3	44.0
1 to 2 ACEs	43.9	39.0	48.8
3 to 8 ACEs	17.0	13.3	20.6

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Number of ACEs

	%	95% CI	
		LL	UL
Maryland Statewide			
0 ACEs	38.2	36.6	39.7
1 to 2 ACEs	38.8	37.2	40.4
3 to 8 ACEs	23.0	21.6	24.5
<u>BY COUNTY</u>			
Queen Anne's County			
0 ACEs	38.7	29.7	47.7
1 to 2 ACEs	44.1	34.0	54.1
3 to 8 ACEs	17.2	10.8	23.7
Saint Mary's County			
0 ACEs	35.5	28.8	42.1
1 to 2 ACEs	35.3	28.5	42.2
3 to 8 ACEs	29.2	21.8	36.6
Somerset County			
0 ACEs	48.1	33.7	62.5
1 to 2 ACEs	37.1	21.9	52.3
3 to 8 ACEs	14.8	6.3	23.3
Talbot County			
0 ACEs	44.6	35.8	53.3
1 to 2 ACEs	42.8	33.2	52.4
3 to 8 ACEs	12.6	7.5	17.8
Washington County			
0 ACEs	43.2	35.2	51.3
1 to 2 ACEs	31.0	24.5	37.4
3 to 8 ACEs	25.8	18.6	32.9
Wicomico County			
0 ACEs	35.8	27.4	44.3
1 to 2 ACEs	43.2	34.0	52.4
3 to 8 ACEs	21.0	13.8	28.2
Worcester County			
0 ACEs	32.5	22.4	42.5
1 to 2 ACEs	51.7	40.2	63.2
3 to 8 ACEs	15.8	8.2	23.4
Baltimore City			
0 ACEs	23.5	19.0	27.9
1 to 2 ACEs	43.1	37.0	49.3
3 to 8 ACEs	33.4	27.6	39.3

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Household Mental Illness

	%	95% CI	
		LL	UL
Maryland statewide	15.4	14.2	16.6
<u>By county</u>			
Allegany County	17.0	8.9	25.1
Anne Arundel County	14.6	11.1	18.2
Baltimore County	14.5	11.7	17.4
Calvert County	20.0	12.3	27.7
Caroline County	14.1	7.1	21.1
Carroll County	19.4	11.4	27.3
Cecil County	15.9	9.1	22.8
Charles County	10.7	6.7	14.8
Dorchester County	15.8	6.9	24.7
Frederick County	20.7	15.5	25.8
Garrett County	10.3	4.4	16.2
Harford County	17.0	11.8	22.2
Howard County	14.7	9.1	20.4
Kent County	*	*	*
Montgomery County	15.1	12.0	18.3
Prince Georges County	10.5	7.5	13.5
Queen Anne's County	16.6	10.1	23.1
Saint Mary's County	18.5	12.1	24.8
Somerset County	9.6	3.7	15.5
Talbot County	13.0	7.0	18.9
Washington County	13.0	8.1	18.0
Wicomico County	13.6	7.7	19.6
Worcester County	*	*	*
Baltimore City	22.3	17.1	27.5

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Household Substance Abuse

	%	95% CI	
		LL	UL
Maryland statewide	24.8	23.4	26.2
<u>By county</u>			
Allegany County	22.9	15.9	29.9
Anne Arundel County	26.7	22.4	30.9
Baltimore County	26.0	22.3	29.7
Calvert County	35.4	25.3	45.6
Caroline County	29.1	19.0	39.2
Carroll County	34.4	25.3	43.3
Cecil County	31.6	22.9	40.3
Charles County	28.5	21.8	35.1
Dorchester County	21.0	12.8	29.3
Frederick County	24.6	19.6	29.7
Garrett County	21.6	14.2	29.1
Harford County	20.9	15.4	26.4
Howard County	18.3	12.6	23.9
Kent County	26.0	13.3	38.8
Montgomery County	16.7	13.4	20.0
Prince Georges County	22.0	18.2	25.9
Queen Anne's County	19.9	13.6	26.2
Saint Mary's County	31.0	24.0	37.9
Somerset County	15.0	6.6	23.4
Talbot County	21.0	14.7	23.3
Washington County	22.6	16.7	28.5
Wicomico County	29.6	21.9	37.3
Worcester County	27.1	18.2	35.9
Baltimore City	36.6	30.9	42.4

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Incarcerated Household Member

	%	95% CI	
		LL	UL
Maryland statewide	8.0	7.0	9.0
<u>By county</u>			
Allegany County	*	*	*
Anne Arundel County	8.7	5.4	11.9
Baltimore County	8.1	5.6	10.6
Calvert County	*	*	*
Caroline County	*	*	*
Carroll County	*	*	*
Cecil County	*	*	*
Charles County	13.3	7.3	19.4
Dorchester County	*	*	*
Frederick County	5.6	3.0	8.2
Garrett County	*	*	*
Harford County	9.9	5.0	14.7
Howard County	*	*	*
Kent County	*	*	*
Montgomery County	3.5	1.5	5.4
Prince Georges County	7.3	4.7	9.9
Queen Anne's County	*	*	*
Saint Mary's County	9.5	4.1	14.8
Somerset County	*	*	*
Talbot County	*	*	*
Washington County	9.5	4.9	14.1
Wicomico County	*	*	*
Worcester County	*	*	*
Baltimore City	17.3	12.2	22.4

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Parental Separation or Divorce

	%	95% CI	
		LL	UL
Maryland statewide	29.1	27.6	30.6
<u>By county</u>			
Allegany County	20.8	13.8	27.7
Anne Arundel County	28.1	23.7	32.6
Baltimore County	31.3	27.2	35.4
Calvert County	38.0	27.7	48.2
Caroline County	29.1	19.3	38.8
Carroll County	27.8	18.9	36.7
Cecil County	29.3	20.5	38.1
Charles County	32.4	24.4	40.3
Dorchester County	36.6	25.0	48.2
Frederick County	25.9	20.6	31.2
Garrett County	23.9	15.5	32.4
Harford County	28.3	21.8	34.9
Howard County	19.0	12.9	25.1
Kent County	31.3	18.3	44.3
Montgomery County	21.9	18.2	25.6
Prince Georges County	29.9	25.6	34.2
Queen Anne's County	27.8	18.1	37.4
Saint Mary's County	28.2	21.1	35.2
Somerset County	24.8	10.8	38.7
Talbot County	23.6	14.2	33.1
Washington County	24.7	18.2	31.1
Wicomico County	34.1	25.0	43.2
Worcester County	30.4	20.0	40.7
Baltimore City	45.8	39.8	51.8

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Intimate Partner Violence

	%	95% CI	
		LL	UL
Maryland statewide	15.3	14.1	16.5
<u>By county</u>			
Allegany County	11.8	6.9	16.7
Anne Arundel County	15.3	11.8	18.8
Baltimore County	15.9	12.6	19.2
Calvert County	10.5	5.5	15.5
Caroline County	11.8	6.0	17.7
Carroll County	13.5	8.5	18.4
Cecil County	22.0	13.6	30.4
Charles County	17.0	11.1	22.9
Dorchester County	16.0	8.3	23.8
Frederick County	16.0	11.3	20.7
Garrett County	12.5	6.7	18.3
Harford County	17.0	12.1	22.0
Howard County	12.8	7.0	18.5
Kent County	*	*	*
Montgomery County	12.7	9.6	15.9
Prince Georges County	14.8	11.5	18.1
Queen Anne's County	9.8	5.0	14.7
Saint Mary's County	17.9	11.9	23.8
Somerset County	*	*	*
Talbot County	10.4	4.6	16.2
Washington County	16.4	11.1	21.7
Wicomico County	15.9	10.4	21.4
Worcester County	11.1	5.3	16.9
Baltimore City	20.5	15.6	25.5

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Emotional Abuse

	%	95% CI	
		LL	UL
Maryland statewide	34.0	32.5	35.6
<u>By county</u>			
Allegany County	22.2	15.5	28.8
Anne Arundel County	33.6	28.9	38.3
Baltimore County	38.1	33.8	42.5
Calvert County	29.1	21.4	36.9
Caroline County	31.8	21.9	41.7
Carroll County	32.8	24.7	40.9
Cecil County	47.9	38.9	56.8
Charles County	39.1	31.4	46.9
Dorchester County	30.6	20.5	47.1
Frederick County	33.6	28.1	39.2
Garrett County	26.1	18.3	34.0
Harford County	35.1	28.4	41.8
Howard County	38.4	30.9	46.0
Kent County	33.1	20.3	45.8
Montgomery County	31.8	27.6	35.9
Prince Georges County	29.0	24.7	33.3
Queen Anne's County	32.4	23.5	41.3
Saint Mary's County	41.7	34.3	49.1
Somerset County	13.5	6.3	20.6
Talbot County	25.5	18.1	33.0
Washington County	40.9	33.5	48.3
Wicomico County	30.2	21.5	39.0
Worcester County	35.3	23.6	47.0
Baltimore City	34.6	29.0	40.3

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

Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Physical Abuse

	%	95% CI	
		LL	UL
Maryland statewide	14.7	13.5	15.8
<u>By county</u>			
Allegany County	10.0	5.9	14.2
Anne Arundel County	14.0	10.7	17.3
Baltimore County	17.1	13.5	20.6
Calvert County	14.4	9.1	19.7
Caroline County	23.5	14.7	32.3
Carroll County	16.0	9.8	22.2
Cecil County	20.3	12.0	28.6
Charles County	10.3	6.1	14.5
Dorchester County	19.3	10.8	27.8
Frederick County	19.1	14.0	24.2
Garrett County	11.4	4.9	17.9
Harford County	15.1	10.1	20.0
Howard County	15.3	9.6	21.1
Kent County	*	*	*
Montgomery County	13.3	10.2	16.5
Prince Georges County	10.7	7.9	13.5
Queen Anne's County	12.2	6.8	17.6
Saint Mary's County	20.7	13.9	27.4
Somerset County	*	*	*
Talbot County	*	*	*
Washington County	21.4	15.2	27.6
Wicomico County	12.7	7.4	18.0
Worcester County	*	*	*
Baltimore City	15.5	11.7	19.3

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Prevalence of Adverse Childhood Experiences (ACEs) among Maryland Adults

Data source: 2018 Maryland Behavioral Risk Factor Surveillance System (BRFSS)

Prepared January 29, 2020

Sexual Abuse

	%	95% CI	
		LL	UL
Maryland statewide	12.0	10.9	13.0
<u>By county</u>			
Allegany County	9.4	5.0	13.8
Anne Arundel County	12.6	9.4	15.8
Baltimore County	13.8	10.7	16.9
Calvert County	10.5	5.9	15.1
Caroline County	12.7	6.4	19.1
Carroll County	9.8	5.7	13.9
Cecil County	16.8	9.4	24.2
Charles County	14.6	8.9	20.2
Dorchester County	13.1	5.7	20.5
Frederick County	10.7	7.0	14.3
Garrett County	12.7	6.9	18.6
Harford County	9.9	5.7	14.1
Howard County	6.7	3.4	10.1
Kent County	13.0	6.1	19.9
Montgomery County	12.4	9.2	15.7
Prince Georges County	10.8	8.1	13.5
Queen Anne's County	7.1	3.1	11.0
Saint Mary's County	16.5	11.1	21.8
Somerset County	*	*	*
Talbot County	6.7	3.7	9.7
Washington County	11.1	7.1	15.1
Wicomico County	10.1	5.4	14.8
Worcester County	*	*	*
Baltimore City	14.4	10.6	18.2

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