

Supplementary Table 1

Adverse Childhood Experience Scoring Criteria

ACE Category	Survey Question	Response	Scoring
Physical Abuse	"Not including spanking, (before age 18), how often did a parent or adult in your home ever hit, beat, kick, or physically hurt you in any way?"	Never/Once/More than once	1 = Once or more than once 0 = Never
Sexual Abuse	"How often did anyone at least 5 years older than you or an adult, ever touch you sexually? Or try to make you touch them sexually? Or force you to have sex?"	Never/Once/More than once	1 = Once or more than once of the questions in this category 0 = Never to all the three questions in this category
Emotional Abuse	"How often did a parent or adult in your home ever swear at you, insult you, or put you down?"	Never/Once/More than once	1 = Once or more than once 0 = Never
Mentally ill household member	"Did you live with anyone who was depressed, mentally ill or suicidal?"	Yes/No	1 = Yes 0 = No
Substance abuse in household	"Did you live with anyone who was a problem drinker or alcoholic? Or anyone who used illegal street drugs or who abused prescription medications?"	Yes/No	1 = Yes 0 = No
Incarcerated household member	"Did you live with anyone who served time or was sentenced to serve time in a prison, jail or other correctional facility?"	Yes/No	1 = Yes 0 = No
Violence between adults in the household	"How often did your parents or adults in your home ever slap, hit, kick, punch or beat each other up?"	Never/Once/More than once	1 = Once or more than once 0 = Never
Parental separation/divorce	"Were your parents separated or divorced?"	Yes/No	1 = Yes 0 = No

Supplementary Table 2.

BRFSS Health Condition Module Codes

Modules	2019	2020	2021	2022	2023
General Health	GENHLTH	GENHLTH	GENHLTH	GENHLTH	GENHLTH
Physical Health	PHYSHLTH	PHYSHLTH	PHYSHLTH	PHYSHLTH	PHYSHLTH
Mental Health	MENTHLTH	MENTHLTH	MENTHLTH	MENTHLTH	MENTHLTH
Heart Attack	CVDINFR4	CVDINFR4	CVDINFR4	CVDINFR4	CVDINFR4
Coronary Heart Disease	CVDCRHD4	CVDCRHD4	CVDCRHD4	CVDCRHD4	CVDCRHD4
Stroke	CVDSTRK3	CVDSTRK3	CVDSTRK3	CVDSTRK3	CVDSTRK3
Asthma	ASTHMA3	ASTHMA3	ASTHMA3	ASTHMA3	ASTHMA3
Sexual Orientation M	SOMALE	SOMALE	SOMALE	SOMALE	SOMALE
Skin Cancer	CHCSCNCR	CHCSCNCR	CHCSCNCR	CHCSCNC1	CHCSCNC1
Other Cancer	CHCOCNCR	CHCOCNCR	CHCOCNCR	CHCOCNC1	CHCOCNC1
Sexual Orientation F	SOFEMALE	SOFEMALE	SOFEMALE	SOFEMALE	SOFEMALE
COPD	CHCCOPD2	CHCCOPD2	CHCCOPD3	CHCCOPD3	CHCCOPD3
Heavy Drinker	_RFBING5	_RFBING5	_RFBING5	_RFBING6	_RFBING6
Depressive Disorder	ADDEPEV3	ADDEPEV3	ADDEPEV3	ADDEPEV3	ADDEPEV3
Kidney Disease	CHCKDNY2	CHCKDNY2	CHCKDNY2	CHCKDNY2	CHCKDNY2
Diabetes	DIABETE4	DIABETE4	DIABETE4	DIABETE4	DIABETE4
Arthritis	HAVARTH4	HAVARTH4	HAVARTH5	HAVARTH4	HAVARTH4
Transgender	TRNSGNDR	TRNSGNDR	TRNSGNDR	TRNSGNDR	TRNSGNDR
Employment Status	EMPLOY1	EMPLOY1	EMPLOY1	EMPLOY1	EMPLOY1
Weight	WEIGHT2	WEIGHT2	WEIGHT2	WEIGHT2	WEIGHT2
Height	HEIGHT3	HEIGHT3	HEIGHT3	HEIGHT3	HEIGHT3
Smoking Status	_SMOKER3	_SMOKER3	_SMOKER3	_SMOKER3	_SMOKER3
Days mental health not good	_MENT14D	_MENT14D	_MENT14D	_MENT14D	_MENT14D
Gender	_SEX	_SEX	_SEX	_SEX	_SEX
BMI above 25	_BMI5CAT	_BMI5CAT	_BMI5CAT	_BMI5CAT	_BMI5CAT
Education	_EDUCAG	_EDUCAG	_EDUCAG	_EDUCAG	_EDUCAG
Income	_INCOMG	_INCOMG	_INCOMG1	_INCOMG1	_INCOMG1
Age group	_AGE_G	_AGE_G	_AGE_G	_AGE_G	_AGE_G
Race	_RACE	_RACE	_RACE	_RACE1	_RACE
Survey Weights	_LLCPWT	_LLCPWT	_LLCPWT	_LLCPWT	_LLCPWT
Insurance	_HCVU651	_HCVU651	_HCVU652	_HCVU652	_HCVU653
Veteran Status	VETERAN3	VETERAN3	VETERAN3	VETERAN3	VETERAN3
How often did your parents or adults in your home ever slap, hit, kick, punch or beat each other up?	ACEPUNCH	ACEPUNCH	ACEPUNCH	ACEPUNCH	ACEPUNCH
Were your parents separated or divorced?	ACEDIVRC	ACEDIVRC	ACEDIVRC	ACEDIVRC	ACEDIVRC

Not including spanking, (before age 18), how often did a parent or adult in your home ever hit, beat, kick, or physically hurt you in any way?	ACEHURT1	ACEHURT1	ACEHURT1	ACEHURT1	ACEHURT1
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How often did a parent or adult in your home ever swear at you, insult you, or put you down?	ACESWEAR	ACESWEAR	ACESWEAR	ACESWEAR	ACESWEAR
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How often did anyone at least 5 years older than you or an adult, try to make you touch them sexually?	ACETTHEM	ACETTHEM	ACETTHEM	ACETTHEM	ACETTHEM
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How often did anyone at least 5 years older than you or an adult, ever touch you sexually?	ACETOUCH	ACETOUCH	ACETOUCH	ACETOUCH	ACETOUCH
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How often did anyone at least 5 years older than you or an adult, force you to have sex?	ACEHVSEX	ACEHVSEX	ACEHVSEX	ACEHVSEX	ACEHVSEX
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Did you live with anyone who was depressed, mentally ill, or suicidal?	ACEDEPRS	ACEDEPRS	ACEDEPRS	ACEDEPRS	ACEDEPRS
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Did you live with anyone who was a problem drinker or alcoholic?	ACEDRINK	ACEDRINK	ACEDRINK	ACEDRINK	ACEDRINK
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Did you live with anyone who used illegal street drugs or who abused prescription medications?	ACEDRUGS	ACEDRUGS	ACEDRUGS	ACEDRUGS	ACEDRUGS
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Did you live with anyone who served time or was sentenced to serve time in a prison, jail, or other correctional facility?	ACEPRISN	ACEPRISN	ACEPRISN	ACEPRISN	ACEPRISN
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Supplementary Table 3.
Covariate Risk Ratios

Outcome	Predictor	Risk Ratio	FDR
Heart Attack	(Intercept)	0.01	<0.001
Heart Attack	1 - 2 ACEs	1.06	0.148
Heart Attack	3 or more ACEs	1.33	<0.001
Heart Attack	Income: 15k – <25k	0.83	0.005
Heart Attack	Income: 25k – <35k	0.66	<0.001
Heart Attack	Income: 35k – <50k	0.57	<0.001
Heart Attack	Income: ≥ 50k	0.39	<0.001
Heart Attack	Education: Graduated	0.75	<0.001
	College/Tech		
Heart Attack	Education: Graduated	0.99	0.852
	High School		
Heart Attack	Education: Not Graduated	1.26	0.001
	High School		
Heart Attack	Gender: female	0.47	<0.001
Heart Attack	Age: 25 - 34yrs	2.82	0.003
Heart Attack	Age: 35 - 44yrs	6.10	<0.001
Heart Attack	Age: 45 - 54yrs	15.18	<0.001
Heart Attack	Age: 55 - 64yrs	27.38	<0.001
Heart Attack	Age: 65+ yrs	46.68	<0.001
Heart Attack	Race: asian	0.41	<0.001
Heart Attack	Race: black	0.52	<0.001
Heart Attack	Race: hispanic	0.48	<0.001
Heart Attack	Race: other	0.85	0.399
Heart Attack	Race: white	0.69	0.002
Coronary Heart Disease	(Intercept)	0.01	<0.001
Coronary Heart Disease	1 - 2 ACEs	1.16	<0.001
Coronary Heart Disease	3 or more ACEs	1.55	<0.001
Coronary Heart Disease	Income: 15k – <25k	0.78	<0.001
Coronary Heart Disease	Income: 25k – <35k	0.62	<0.001
Coronary Heart Disease	Income: 35k – <50k	0.58	<0.001
Coronary Heart Disease	Income: ≥ 50k	0.45	<0.001
Coronary Heart Disease	Education: Graduated	0.85	<0.001
	College/Tech		
Coronary Heart Disease	Education: Graduated	0.93	0.078
	High School		
Coronary Heart Disease	Education: Not Graduated	1.03	0.743
	High School		
Coronary Heart Disease	Gender: female	0.56	<0.001
Coronary Heart Disease	Age: 25 - 34yrs	1.75	0.153
Coronary Heart Disease	Age: 35 - 44yrs	3.12	<0.001
Coronary Heart Disease	Age: 45 - 54yrs	8.45	<0.001

Coronary Heart Disease	Age: 55 - 64yrs	17.80	<0.001
Coronary Heart Disease	Age: 65+ yrs	36.15	<0.001
Coronary Heart Disease	Race: asian	0.55	0.030
Coronary Heart Disease	Race: black	0.74	0.073
Coronary Heart Disease	Race: hispanic	0.55	0.002
Coronary Heart Disease	Race: other	1.19	0.433
Coronary Heart Disease	Race: white	0.98	0.891
Stroke	(Intercept)	0.01	<0.001
Stroke	1 - 2 ACEs	1.12	0.029
Stroke	3 or more ACEs	1.49	<0.001
Stroke	Income: 15k – <25k	0.77	<0.001
Stroke	Income: 25k – <35k	0.61	<0.001
Stroke	Income: 35k – <50k	0.52	<0.001
Stroke	Income: ≥ 50k	0.31	<0.001
Stroke	Education: Graduated College/Tech	0.76	<0.001
Stroke	Education: Graduated High School	0.93	0.174
Stroke	Education: Not Graduated High School	1.03	0.746
Stroke	Gender: female	0.85	<0.001
Stroke	Age: 25 - 34yrs	1.79	0.073
Stroke	Age: 35 - 44yrs	4.07	<0.001
Stroke	Age: 45 - 54yrs	8.17	<0.001
Stroke	Age: 55 - 64yrs	14.00	<0.001
Stroke	Age: 65+ yrs	22.56	<0.001
Stroke	Race: asian	0.38	0.002
Stroke	Race: black	0.76	0.058
Stroke	Race: hispanic	0.52	<0.001
Stroke	Race: other	0.97	0.915
Stroke	Race: white	0.63	<0.001
Asthma	(Intercept)	0.19	<0.001
Asthma	1 - 2 ACEs	1.27	<0.001
Asthma	3 or more ACEs	1.77	<0.001
Asthma	Income: 15k – <25k	0.88	0.002
Asthma	Income: 25k – <35k	0.75	<0.001
Asthma	Income: 35k – <50k	0.71	<0.001
Asthma	Income: ≥ 50k	0.67	<0.001
Asthma	Education: Graduated College/Tech	0.97	0.185
Asthma	Education: Graduated High School	0.89	<0.001
Asthma	Education: Not Graduated High School	0.89	0.006

Asthma	Gender: female	1.37	<0.001
Asthma	Age: 25 - 34yrs	0.84	<0.001
Asthma	Age: 35 - 44yrs	0.75	<0.001
Asthma	Age: 45 - 54yrs	0.75	<0.001
Asthma	Age: 55 - 64yrs	0.71	<0.001
Asthma	Age: 65+ yrs	0.66	<0.001
Asthma	Race: asian	0.66	<0.001
Asthma	Race: black	0.97	0.793
Asthma	Race: hispanic	0.75	0.004
Asthma	Race: other	1.24	0.050
Asthma	Race: white	0.94	0.517
Skin Cancer	(Intercept)	0.00	<0.001
Skin Cancer	1 - 2 ACEs	1.04	0.163
Skin Cancer	3 or more ACEs	1.05	0.163
Skin Cancer	Income: 15k – <25k	0.99	0.884
Skin Cancer	Income: 25k – <35k	0.99	0.885
Skin Cancer	Income: 35k – <50k	1.09	0.214
Skin Cancer	Income: ≥ 50k	1.13	0.061
Skin Cancer	Education: Graduated College/Tech	1.16	<0.001
Skin Cancer	Education: Graduated High School	0.88	<0.001
Skin Cancer	Education: Not Graduated High School	0.86	0.032
Skin Cancer	Gender: female	0.96	0.136
Skin Cancer	Age: 25 - 34yrs	1.77	0.067
Skin Cancer	Age: 35 - 44yrs	3.51	<0.001
Skin Cancer	Age: 45 - 54yrs	9.73	<0.001
Skin Cancer	Age: 55 - 64yrs	18.66	<0.001
Skin Cancer	Age: 65+ yrs	37.65	<0.001
Skin Cancer	Race: asian	0.17	<0.001
Skin Cancer	Race: black	0.11	<0.001
Skin Cancer	Race: hispanic	0.58	0.030
Skin Cancer	Race: other	1.08	0.791
Skin Cancer	Race: white	1.75	0.005
Other Cancer	(Intercept)	0.01	<0.001
Other Cancer	1 - 2 ACEs	1.05	0.079
Other Cancer	3 or more ACEs	1.24	<0.001
Other Cancer	Income: 15k – <25k	0.92	0.190
Other Cancer	Income: 25k – <35k	0.88	0.028
Other Cancer	Income: 35k – <50k	0.87	0.021
Other Cancer	Income: ≥ 50k	0.84	0.001
Other Cancer	Education: Graduated College/Tech	1.04	0.180

Other Cancer	Education: Graduated	0.93	0.019
	High School		
Other Cancer	Education: Not Graduated	1.00	0.990
	High School		
Other Cancer	Gender: female	1.18	<0.001
Other Cancer	Age: 25 - 34yrs	1.94	<0.001
Other Cancer	Age: 35 - 44yrs	3.40	<0.001
Other Cancer	Age: 45 - 54yrs	7.08	<0.001
Other Cancer	Age: 55 - 64yrs	11.68	<0.001
Other Cancer	Age: 65+ yrs	22.61	<0.001
Other Cancer	Race: asian	0.45	<0.001
Other Cancer	Race: black	0.63	<0.001
Other Cancer	Race: hispanic	0.54	<0.001
Other Cancer	Race: other	1.01	0.979
Other Cancer	Race: white	1.03	0.863
COPD	(Intercept)	0.03	<0.001
COPD	1 - 2 ACEs	1.40	<0.001
COPD	3 or more ACEs	2.16	<0.001
COPD	Income: 15k – <25k	0.78	<0.001
COPD	Income: 25k – <35k	0.59	<0.001
COPD	Income: 35k – <50k	0.52	<0.001
COPD	Income: ≥ 50k	0.31	<0.001
	Education: Graduated		
COPD	College/Tech	0.65	<0.001
	Education: Graduated		
COPD	High School	1.06	0.077
	Education: Not Graduated		
COPD	High School	1.39	<0.001
COPD	Gender: female	1.09	0.004
COPD	Age: 25 - 34yrs	1.72	<0.001
COPD	Age: 35 - 44yrs	2.72	<0.001
COPD	Age: 45 - 54yrs	4.29	<0.001
COPD	Age: 55 - 64yrs	7.23	<0.001
COPD	Age: 65+ yrs	9.43	<0.001
COPD	Race: asian	0.51	0.002
COPD	Race: black	0.58	<0.001
COPD	Race: hispanic	0.41	<0.001
COPD	Race: other	1.00	0.993
COPD	Race: white	0.83	0.140
Depressive Disorder	(Intercept)	0.14	<0.001
Depressive Disorder	1 - 2 ACEs	1.74	<0.001
Depressive Disorder	3 or more ACEs	3.15	<0.001
Depressive Disorder	Income: 15k – <25k	0.83	<0.001
Depressive Disorder	Income: 25k – <35k	0.71	<0.001

Depressive Disorder	Income: 35k – <50k	0.63	<0.001
Depressive Disorder	Income: ≥ 50k	0.52	<0.001
Depressive Disorder	Education: Graduated College/Tech	0.97	0.212
Depressive Disorder	Education: Graduated High School	0.85	<0.001
Depressive Disorder	Education: Not Graduated High School	0.97	0.357
Depressive Disorder	Gender: female	1.68	<0.001
Depressive Disorder	Age: 25 - 34yrs	1.01	0.875
Depressive Disorder	Age: 35 - 44yrs	0.91	0.005
Depressive Disorder	Age: 45 - 54yrs	0.88	<0.001
Depressive Disorder	Age: 55 - 64yrs	0.89	<0.001
Depressive Disorder	Age: 65+ yrs	0.69	<0.001
Depressive Disorder	Race: asian	0.67	<0.001
Depressive Disorder	Race: black	0.75	<0.001
Depressive Disorder	Race: hispanic	0.76	<0.001
Depressive Disorder	Race: other	1.11	0.214
Depressive Disorder	Race: white	1.22	0.002
Kidney Disease	(Intercept)	0.01	<0.001
Kidney Disease	1 - 2 ACEs	1.26	<0.001
Kidney Disease	3 or more ACEs	1.46	<0.001
Kidney Disease	Income: 15k – <25k	0.96	0.662
Kidney Disease	Income: 25k – <35k	0.70	<0.001
Kidney Disease	Income: 35k – <50k	0.70	<0.001
Kidney Disease	Income: ≥ 50k	0.47	<0.001
Kidney Disease	Education: Graduated College/Tech	0.92	0.117
Kidney Disease	Education: Graduated High School	0.93	0.149
Kidney Disease	Education: Not Graduated High School	1.00	0.986
Kidney Disease	Gender: female	0.98	0.718
Kidney Disease	Age: 25 - 34yrs	0.97	0.901
Kidney Disease	Age: 35 - 44yrs	1.56	0.053
Kidney Disease	Age: 45 - 54yrs	3.27	<0.001
Kidney Disease	Age: 55 - 64yrs	4.73	<0.001
Kidney Disease	Age: 65+ yrs	8.57	<0.001
Kidney Disease	Race: asian	0.86	0.615
Kidney Disease	Race: black	1.17	0.396
Kidney Disease	Race: hispanic	1.12	0.594
Kidney Disease	Race: other	1.30	0.271
Kidney Disease	Race: white	1.05	0.826
Diabetes	(Intercept)	0.02	<0.001

Diabetes	1 - 2 ACEs	1.04	0.109
Diabetes	3 or more ACEs	1.15	<0.001
Diabetes	Income: 15k – <25k	0.86	<0.001
Diabetes	Income: 25k – <35k	0.81	<0.001
Diabetes	Income: 35k – <50k	0.76	<0.001
Diabetes	Income: ≥ 50k	0.58	<0.001
Diabetes	Education: Graduated	0.79	<0.001
	College/Tech		
Diabetes	Education: Graduated	0.99	0.859
	High School		
Diabetes	Education: Not Graduated	1.12	0.005
	High School		
Diabetes	Gender: female	0.81	<0.001
Diabetes	Age: 25 - 34yrs	2.43	<0.001
Diabetes	Age: 35 - 44yrs	6.07	<0.001
Diabetes	Age: 45 - 54yrs	14.70	<0.001
Diabetes	Age: 55 - 64yrs	21.38	<0.001
Diabetes	Age: 65+ yrs	27.25	<0.001
Diabetes	Race: asian	1.14	0.280
Diabetes	Race: black	1.22	0.018
Diabetes	Race: hispanic	0.97	0.799
Diabetes	Race: other	0.91	0.392
Diabetes	Race: white	0.75	<0.001
Arthritis	(Intercept)	0.04	<0.001
Arthritis	1 - 2 ACEs	1.13	<0.001
Arthritis	3 or more ACEs	1.45	<0.001
Arthritis	Income: 15k – <25k	0.90	<0.001
Arthritis	Income: 25k – <35k	0.85	<0.001
Arthritis	Income: 35k – <50k	0.81	<0.001
Arthritis	Income: ≥ 50k	0.71	<0.001
Arthritis	Education: Graduated	0.83	<0.001
	College/Tech		
Arthritis	Education: Graduated	0.97	0.028
	High School		
Arthritis	Education: Not Graduated	1.07	0.005
	High School		
Arthritis	Gender: female	1.21	<0.001
Arthritis	Age: 25 - 34yrs	2.42	<0.001
Arthritis	Age: 35 - 44yrs	4.55	<0.001
Arthritis	Age: 45 - 54yrs	7.92	<0.001
Arthritis	Age: 55 - 64yrs	11.67	<0.001
Arthritis	Age: 65+ yrs	15.14	<0.001
Arthritis	Race: asian	0.66	<0.001
Arthritis	Race: black	0.94	0.217

Arthritis	Race: hispanic	0.68	<0.001
Arthritis	Race: other	1.08	0.266
Arthritis	Race: white	1.02	0.696
BMI > 25	(Intercept)	0.49	<0.001
BMI > 25	1 - 2 ACEs	1.01	0.121
BMI > 25	3 or more ACEs	1.04	<0.001
BMI > 25	Income: 15k – <25k	1.03	0.039
BMI > 25	Income: 25k – <35k	1.04	0.004
BMI > 25	Income: 35k – <50k	1.07	<0.001
BMI > 25	Income: ≥ 50k	1.06	<0.001
BMI > 25	Education: Graduated College/Tech	0.92	<0.001
BMI > 25	Education: Graduated High School	0.99	0.217
BMI > 25	Education: Not Graduated High School	0.97	0.049
BMI > 25	Gender: female	0.88	<0.001
BMI > 25	Age: 25 - 34yrs	1.40	<0.001
BMI > 25	Age: 35 - 44yrs	1.56	<0.001
BMI > 25	Age: 45 - 54yrs	1.65	<0.001
BMI > 25	Age: 55 - 64yrs	1.62	<0.001
BMI > 25	Age: 65+ yrs	1.51	<0.001
BMI > 25	Race: asian	0.73	<0.001
BMI > 25	Race: black	1.09	<0.001
BMI > 25	Race: hispanic	1.03	0.318
BMI > 25	Race: other	0.96	0.246
BMI > 25	Race: white	0.97	0.324
Fair or Poor General Health	(Intercept)	0.11	<0.001
Fair or Poor General Health	1 - 2 ACEs	1.24	<0.001
Fair or Poor General Health	3 or more ACEs	1.78	<0.001
Fair or Poor General Health	Income: 15k – <25k	0.82	<0.001
Fair or Poor General Health	Income: 25k – <35k	0.65	<0.001
Fair or Poor General Health	Income: 35k – <50k	0.51	<0.001
Fair or Poor General Health	Income: ≥ 50k	0.31	<0.001
Fair or Poor General Health	Education: Graduated College/Tech	0.68	<0.001
Fair or Poor General Health	Education: Graduated High School	1.09	<0.001
Fair or Poor General Health	Education: Not Graduated High School	1.48	<0.001
Fair or Poor General Health	Gender: female	0.98	0.432
Fair or Poor General Health	Age: 25 - 34yrs	1.49	<0.001
Fair or Poor General Health	Age: 35 - 44yrs	1.89	<0.001
Fair or Poor General Health	Age: 45 - 54yrs	2.62	<0.001

Fair or Poor General Health	Age: 55 - 64yrs	3.09	<0.001
Fair or Poor General Health	Age: 65+ yrs	3.27	<0.001
Fair or Poor General Health	Race: asian	0.88	0.285
Fair or Poor General Health	Race: black	1.02	0.826
Fair or Poor General Health	Race: hispanic	0.90	0.146
Fair or Poor General Health	Race: other	1.13	0.163
Fair or Poor General Health	Race: white	0.91	0.149
14 Days Poor Physical Health	(Intercept)	0.10	<0.001
14 Days Poor Physical Health	1 - 2 ACEs	1.24	<0.001
14 Days Poor Physical Health	3 or more ACEs	1.82	<0.001
14 Days Poor Physical Health	Income: 15k – <25k	0.74	<0.001
14 Days Poor Physical Health	Income: 25k – <35k	0.57	<0.001
14 Days Poor Physical Health	Income: 35k – <50k	0.45	<0.001
14 Days Poor Physical Health	Income: ≥ 50k	0.30	<0.001
14 Days Poor Physical Health	Education: Graduated College/Tech	0.71	<0.001
14 Days Poor Physical Health	Education: Graduated High School	0.99	0.696
14 Days Poor Physical Health	Education: Not Graduated High School	1.10	0.016
14 Days Poor Physical Health	Gender: female	1.08	<0.001
14 Days Poor Physical Health	Age: 25 - 34yrs	1.52	<0.001
14 Days Poor Physical Health	Age: 35 - 44yrs	1.95	<0.001
14 Days Poor Physical Health	Age: 45 - 54yrs	2.62	<0.001
14 Days Poor Physical Health	Age: 55 - 64yrs	3.32	<0.001
14 Days Poor Physical Health	Age: 65+ yrs	3.24	<0.001
14 Days Poor Physical Health	Race: asian	0.65	0.003
14 Days Poor Physical Health	Race: black	0.75	0.001
14 Days Poor Physical Health	Race: hispanic	0.72	<0.001
14 Days Poor Physical Health	Race: other	0.99	0.912
14 Days Poor Physical Health	Race: white	0.89	0.181
14 Days Poor Mental Health	(Intercept)	0.19	<0.001
14 Days Poor Mental Health	1 - 2 ACEs	1.54	<0.001
14 Days Poor Mental Health	3 or more ACEs	2.86	<0.001
14 Days Poor Mental Health	Income: 15k – <25k	0.82	<0.001
14 Days Poor Mental Health	Income: 25k – <35k	0.69	<0.001
14 Days Poor Mental Health	Income: 35k – <50k	0.59	<0.001
14 Days Poor Mental Health	Income: ≥ 50k	0.45	<0.001
14 Days Poor Mental Health	Education: Graduated College/Tech	0.81	<0.001
14 Days Poor Mental Health	Education: Graduated High School	0.97	0.207
14 Days Poor Mental Health	Education: Not Graduated High School	1.07	0.092

14 Days Poor Mental Health	Gender: female	1.38	<0.001
14 Days Poor Mental Health	Age: 25 - 34yrs	0.90	0.003
14 Days Poor Mental Health	Age: 35 - 44yrs	0.84	<0.001
14 Days Poor Mental Health	Age: 45 - 54yrs	0.70	<0.001
14 Days Poor Mental Health	Age: 55 - 64yrs	0.67	<0.001
14 Days Poor Mental Health	Age: 65+ yrs	0.43	<0.001
14 Days Poor Mental Health	Race: asian	0.75	0.010
14 Days Poor Mental Health	Race: black	0.84	0.023
14 Days Poor Mental Health	Race: hispanic	0.73	<0.001
14 Days Poor Mental Health	Race: other	1.01	0.917
14 Days Poor Mental Health	Race: white	0.98	0.808
Current Smoker	(Intercept)	0.17	<0.001
Current Smoker	1 - 2 ACEs	1.26	<0.001
Current Smoker	3 or more ACEs	1.64	<0.001
Current Smoker	Income: 15k – <25k	0.94	0.003
Current Smoker	Income: 25k – <35k	0.88	<0.001
Current Smoker	Income: 35k – <50k	0.90	<0.001
Current Smoker	Income: ≥ 50k	0.78	<0.001
Current Smoker	Education: Graduated College/Tech	0.66	<0.001
Current Smoker	Education: Graduated High School	1.09	<0.001
Current Smoker	Education: Not Graduated High School	1.22	<0.001
Current Smoker	Gender: female	0.77	<0.001
Current Smoker	Age: 25 - 34yrs	2.46	<0.001
Current Smoker	Age: 35 - 44yrs	3.20	<0.001
Current Smoker	Age: 45 - 54yrs	2.99	<0.001
Current Smoker	Age: 55 - 64yrs	3.30	<0.001
Current Smoker	Age: 65+ yrs	3.52	<0.001
Current Smoker	Race: asian	0.64	<0.001
Current Smoker	Race: black	0.65	<0.001
Current Smoker	Race: hispanic	0.65	<0.001
Current Smoker	Race: other	0.92	0.070
Current Smoker	Race: white	1.01	0.808
Heavy Drinker	(Intercept)	0.20	<0.001
Heavy Drinker	1 - 2 ACEs	1.23	<0.001
Heavy Drinker	3 or more ACEs	1.43	<0.001
Heavy Drinker	Income: 15k – <25k	1.04	0.447
Heavy Drinker	Income: 25k – <35k	1.08	0.160
Heavy Drinker	Income: 35k – <50k	1.13	0.019
Heavy Drinker	Income: ≥ 50k	1.32	<0.001
Heavy Drinker	Education: Graduated College/Tech	1.01	0.626

Heavy Drinker	Education: Graduated	1.00	0.979
	High School		
Heavy Drinker	Education: Not Graduated	0.97	0.551
	High School		
Heavy Drinker	Gender: female	0.62	<0.001
Heavy Drinker	Age: 25 - 34yrs	1.02	0.679
Heavy Drinker	Age: 35 - 44yrs	0.84	<0.001
Heavy Drinker	Age: 45 - 54yrs	0.67	<0.001
Heavy Drinker	Age: 55 - 64yrs	0.50	<0.001
Heavy Drinker	Age: 65+ yrs	0.24	<0.001
Heavy Drinker	Race: asian	0.53	<0.001
Heavy Drinker	Race: black	0.79	0.009
Heavy Drinker	Race: hispanic	0.99	0.953
Heavy Drinker	Race: other	0.99	0.916
Heavy Drinker	Race: white	1.12	0.185

Supplementary Table 4.
Alabama Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	139	255	239
25 - 34yrs	331	448	458
35 - 44yrs	452	580	507
45 - 54yrs	684	683	573
55 - 64yrs	1102	1038	612
65+ yrs	2742	1817	649
Education			
Attended College/Tech	1466	1352	959
Graduated College/Tech	2130	1712	868
Graduated High School	1496	1367	860
Not Graduated High School	351	384	349
Gender			
Female	3187	2863	1928
Male	2263	1958	1110
Income			
15k – <25k	626	667	498
25k – <35k	446	470	312
35k – <50k	637	528	377
< 15k	345	402	362
≥ 50k	2178	1939	1095
Insurance			
No	217	352	394
Yes	2432	2610	1969
Race/Ethnicity			
AIAN	57	49	46
Asian	32	25	14
Black	1161	1314	718
Hispanic	48	54	64
Other	91	85	75
White	4001	3245	2095

Supplementary Table 5.
Arizona Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	102	172	155
25 - 34yrs	193	281	278
35 - 44yrs	254	310	306
45 - 54yrs	360	417	334
55 - 64yrs	502	538	398
65+ yrs	1222	1137	542
Education			
Attended College/Tech	764	857	708
Graduated College/Tech	1143	1099	653
Graduated High School	541	694	487
Not Graduated High School	174	201	164
Gender			
Female	1466	1518	1164
Male	1167	1337	849
Income			
15k – <25k	316	355	326
25k – <35k	199	242	184
35k – <50k	278	368	268
< 15k	179	223	212
≥ 50k	1154	1216	787
Insurance			
No	214	262	224
Yes	1148	1414	1214
Race/Ethnicity			
AIAN	140	138	121
Asian	56	40	12
Black	50	75	52
Hispanic	434	538	410
Other	79	95	95
White	1804	1908	1279

Supplementary Table 6.
Arkansas Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	66	105	113
25 - 34yrs	111	168	203
35 - 44yrs	173	244	260
45 - 54yrs	295	319	326
55 - 64yrs	543	491	362
65+ yrs	2009	1389	541
Education			
Attended College/Tech	795	727	576
Graduated College/Tech	1205	981	505
Graduated High School	1012	830	575
Not Graduated High School	175	169	145
Gender			
Female	1852	1462	1096
Male	1345	1254	709
Income			
15k – <25k	321	296	267
25k – <35k	364	324	231
35k – <50k	412	343	217
< 15k	167	142	202
≥ 50k	1197	1119	663
Insurance			
No	72	92	109
Yes	1022	1156	1091
Race/Ethnicity			
AIAN	24	35	42
Asian	15	18	12
Black	289	299	152
Hispanic	58	71	70
Other	64	62	79
White	2693	2180	1420

Supplementary Table 7.
Delaware Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	82	117	126
25 - 34yrs	163	201	185
35 - 44yrs	192	242	217
45 - 54yrs	234	311	269
55 - 64yrs	417	435	325
65+ yrs	1066	990	393
Education			
Attended College/Tech	481	532	413
Graduated College/Tech	1012	1006	557
Graduated High School	485	589	433
Not Graduated High School	164	169	109
Gender			
Female	1156	1253	919
Male	998	1043	596
Income			
15k – <25k	177	217	172
25k – <35k	166	186	144
35k – <50k	194	245	202
< 15k	101	103	118
≥ 50k	1080	1151	694
Insurance			
No	149	135	116
Yes	898	1141	993
Race/Ethnicity			
AIAN	7	15	10
Asian	46	34	19
Black	205	303	214
Hispanic	207	196	141
Other	39	58	56
White	1607	1650	1052

Supplementary Table 8.
District of Columbia Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	18	30	20
25 - 34yrs	74	125	68
35 - 44yrs	149	179	117
45 - 54yrs	123	162	108
55 - 64yrs	120	186	115
65+ yrs	399	343	138
Education			
Attended College/Tech	100	134	109
Graduated College/Tech	669	739	339
Graduated High School	89	127	92
Not Graduated High School	24	21	26
Gender			
Female	492	547	317
Male	391	478	249
Income			
15k – <25k	45	81	46
25k – <35k	28	45	24
35k – <50k	51	65	37
< 15k	35	44	55
≥ 50k	609	688	339
Insurance			
No	10	29	22
Yes	455	638	401
Race/Ethnicity			
AIAN	5	6	2
Asian	25	30	14
Black	281	360	254
Hispanic	47	49	46
Other	28	40	28
White	480	518	210

Supplementary Table 9.
Florida Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	377	597	645
25 - 34yrs	701	1031	1199
35 - 44yrs	937	1292	1365
45 - 54yrs	1351	1765	1488
55 - 64yrs	2295	2650	2040
65+ yrs	7916	6505	2696
Education			
Attended College/Tech	3752	4076	3059
Graduated College/Tech	5249	4885	2731
Graduated High School	3579	3747	2715
Not Graduated High School	949	1089	910
Gender			
Female	7513	7431	5594
Male	6064	6409	3839
Income			
15k – <25k	1634	1841	1464
25k – <35k	1291	1486	1126
35k – <50k	1616	1694	1207
< 15k	808	924	908
≥ 50k	5331	5561	3520
Insurance			
No	823	1158	1345
Yes	4588	5906	5191
Race/Ethnicity			
AIAN	92	112	130
Asian	158	99	53
Black	955	1206	640
Hispanic	1285	1376	959
Other	295	372	401
White	10483	10437	7060

Supplementary Table 10.
Georgia Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	194	197	223
25 - 34yrs	261	404	408
35 - 44yrs	391	542	430
45 - 54yrs	549	654	545
55 - 64yrs	774	786	500
65+ yrs	2537	1899	727
Education			
Attended College/Tech	1125	1128	835
Graduated College/Tech	1984	1799	960
Graduated High School	1209	1174	798
Not Graduated High School	369	368	235
Gender			
Female	2669	2468	1734
Male	2037	2014	1099
Income			
15k – <25k	469	542	372
25k – <35k	429	411	284
35k – <50k	480	531	333
< 15k	281	284	274
≥ 50k	2015	1956	1242
Insurance			
No	266	392	388
Yes	1770	2082	1641
Race/Ethnicity			
AIAN	30	24	33
Asian	89	55	30
Black	937	1140	651
Hispanic	215	232	163
Other	99	117	135
White	3257	2851	1778

Supplementary Table 11.
Hawaii Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	113	201	147
25 - 34yrs	223	305	258
35 - 44yrs	283	336	297
45 - 54yrs	325	369	243
55 - 64yrs	436	464	308
65+ yrs	996	810	408
Education			
Attended College/Tech	667	705	538
Graduated College/Tech	1128	1099	602
Graduated High School	528	619	463
Not Graduated High School	50	60	56
Gender			
Female	1329	1305	895
Male	1047	1180	766
Income			
15k – <25k	229	267	249
25k – <35k	181	197	142
35k – <50k	290	284	198
< 15k	119	132	143
≥ 50k	1253	1359	796
Insurance			
No	89	126	112
Yes	1274	1531	1133
Race/Ethnicity			
AIAN	1	8	8
Asian	1022	717	228
Black	10	22	19
Hispanic	114	172	178
Other	481	668	579
White	727	873	632

Supplementary Table 12.
Idaho Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	110	139	136
25 - 34yrs	157	218	191
35 - 44yrs	223	242	186
45 - 54yrs	267	251	219
55 - 64yrs	281	298	207
65+ yrs	729	556	224
Education			
Attended College/Tech	587	584	426
Graduated College/Tech	642	565	312
Graduated High School	432	460	345
Not Graduated High School	100	93	78
Gender			
Female	887	847	655
Male	880	857	508
Income			
15k – <25k	203	222	208
25k – <35k	154	146	127
35k – <50k	236	227	154
< 15k	67	76	81
≥ 50k	731	737	410
Insurance			
No	146	152	172
Yes	857	983	755
Race/Ethnicity			
AIAN	11	25	14
Asian	11	7	6
Black	2	7	5
Hispanic	120	97	91
Other	20	35	37
White	1561	1485	989

Supplementary Table 13.
Indiana Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	78	127	122
25 - 34yrs	144	230	199
35 - 44yrs	199	266	237
45 - 54yrs	331	405	305
55 - 64yrs	556	551	344
65+ yrs	1439	916	379
Education			
Attended College/Tech	662	625	489
Graduated College/Tech	1061	897	471
Graduated High School	843	801	488
Not Graduated High School	167	161	133
Gender			
Female	1520	1316	946
Male	1227	1179	640
Income			
15k – <25k	330	357	252
25k – <35k	227	220	169
35k – <50k	307	312	193
< 15k	150	157	159
≥ 50k	1052	1034	592
Insurance			
No	118	160	149
Yes	1149	1382	1041
Race/Ethnicity			
AIAN	14	13	21
Asian	23	14	9
Black	131	172	106
Hispanic	87	117	76
Other	67	54	48
White	2377	2090	1300

Supplementary Table 14.
Iowa Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	631	811	796
25 - 34yrs	954	1049	1112
35 - 44yrs	1345	1484	1206
45 - 54yrs	1586	1576	1189
55 - 64yrs	2321	2148	1234
65+ yrs	5746	3565	1318
Education			
Attended College/Tech	3514	3197	2328
Graduated College/Tech	4724	3644	1933
Graduated High School	3674	3203	2112
Not Graduated High School	648	577	477
Gender			
Female	6570	5303	3854
Male	6013	5330	3001
Income			
15k – <25k	1034	960	820
25k – <35k	1036	970	739
35k – <50k	1585	1407	925
< 15k	413	447	509
≥ 50k	6413	5528	3148
Insurance			
No	490	514	463
Yes	6088	6331	4926
Race/Ethnicity			
AIAN	21	31	60
Asian	139	91	48
Black	157	193	165
Hispanic	659	645	528
Other	69	111	162
White	11351	9447	5787

Supplementary Table 15.
Kentucky Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	46	74	64
25 - 34yrs	75	136	113
35 - 44yrs	119	134	137
45 - 54yrs	168	157	154
55 - 64yrs	240	218	152
65+ yrs	566	346	141
Education			
Attended College/Tech	317	297	266
Graduated College/Tech	421	383	186
Graduated High School	368	297	233
Not Graduated High School	103	85	75
Gender			
Female	653	529	456
Male	561	536	305
Income			
15k – <25k	159	155	157
25k – <35k	95	88	66
35k – <50k	138	130	78
< 15k	84	72	109
≥ 50k	516	441	264
Insurance			
No	44	50	47
Yes	590	657	563
Race/Ethnicity			
AIAN	4	4	9
Asian	19	9	2
Black	57	66	31
Hispanic	14	12	12
Other	12	24	29
White	1098	934	669

Supplementary Table 16.
Michigan Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	151	223	214
25 - 34yrs	205	304	334
35 - 44yrs	243	336	329
45 - 54yrs	405	474	401
55 - 64yrs	573	701	458
65+ yrs	1528	1271	533
Education			
Attended College/Tech	843	1057	822
Graduated College/Tech	1418	1340	707
Graduated High School	742	812	612
Not Graduated High School	91	98	124
Gender			
Female	1703	1767	1355
Male	1402	1542	914
Income			
15k – <25k	291	357	353
25k – <35k	237	303	250
35k – <50k	396	369	256
< 15k	156	202	218
≥ 50k	1450	1623	921
Insurance			
No	121	164	187
Yes	1427	1847	1530
Race/Ethnicity			
AIAN	14	19	27
Asian	53	30	14
Black	161	287	219
Hispanic	49	72	89
Other	53	86	92
White	2722	2764	1786

Supplementary Table 17.
Mississippi Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	195	263	235
25 - 34yrs	355	508	392
35 - 44yrs	542	601	411
45 - 54yrs	705	684	427
55 - 64yrs	1151	948	537
65+ yrs	3006	1707	489
Education			
Attended College/Tech	1593	1350	822
Graduated College/Tech	1966	1357	653
Graduated High School	1796	1421	707
Not Graduated High School	586	576	307
Gender			
Female	3534	2792	1572
Male	2420	1919	919
Income			
15k – <25k	850	827	470
25k – <35k	554	506	297
35k – <50k	680	550	272
< 15k	433	464	316
≥ 50k	1923	1462	768
Insurance			
No	348	433	435
Yes	2527	2508	1541
Race/Ethnicity			
AIAN	21	35	33
Asian	33	19	8
Black	1878	1969	823
Hispanic	33	31	31
Other	43	38	50
White	3888	2583	1532

Supplementary Table 18.
Missouri Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	277	451	423
25 - 34yrs	481	660	773
35 - 44yrs	592	724	776
45 - 54yrs	792	922	750
55 - 64yrs	1359	1253	868
65+ yrs	3850	2617	1015
Education			
Attended College/Tech	1835	1806	1529
Graduated College/Tech	2736	2292	1303
Graduated High School	2363	2130	1412
Not Graduated High School	406	380	356
Gender			
Female	4122	3514	2771
Male	3229	3113	1834
Income			
15k – <25k	761	756	690
25k – <35k	607	632	442
35k – <50k	881	847	614
< 15k	370	404	502
≥ 50k	3094	2841	1736
Insurance			
No	287	415	565
Yes	3115	3487	2972
Race/Ethnicity			
AIAN	47	53	63
Asian	85	38	26
Black	448	694	482
Hispanic	87	127	149
Other	82	132	163
White	6505	5495	3660

Supplementary Table 19.
Montana Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	93	114	136
25 - 34yrs	133	187	231
35 - 44yrs	196	228	226
45 - 54yrs	221	278	238
55 - 64yrs	374	411	278
65+ yrs	843	714	324
Education			
Attended College/Tech	530	586	441
Graduated College/Tech	785	787	485
Graduated High School	489	492	409
Not Graduated High School	49	66	97
Gender			
Female	912	937	802
Male	948	995	631
Income			
15k – <25k	205	228	241
25k – <35k	176	179	137
35k – <50k	214	264	194
< 15k	80	103	118
≥ 50k	913	956	593
Insurance			
No	94	118	128
Yes	900	1084	969
Race/Ethnicity			
AIAN	52	113	136
Asian	13	12	6
Black	2	4	1
Hispanic	24	43	41
Other	28	46	76
White	1699	1693	1156

Supplementary Table 20.
Nevada Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	70	161	230
25 - 34yrs	142	247	407
35 - 44yrs	228	320	394
45 - 54yrs	251	407	427
55 - 64yrs	322	501	495
65+ yrs	1016	1167	643
Education			
Attended College/Tech	540	892	867
Graduated College/Tech	917	1075	816
Graduated High School	450	667	753
Not Graduated High School	111	162	155
Gender			
Female	1064	1423	1439
Male	965	1380	1157
Income			
15k – <25k	168	199	248
25k – <35k	161	230	316
35k – <50k	218	310	327
< 15k	54	116	130
≥ 50k	1017	1470	1278
Insurance			
No	123	185	227
Yes	837	1394	1665
Race/Ethnicity			
AIAN	15	30	52
Asian	78	64	55
Black	62	128	134
Hispanic	299	426	429
Other	62	96	137
White	1455	1991	1734

Supplementary Table 21.

New Hampshire Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	34	45	44
25 - 34yrs	65	95	106
35 - 44yrs	88	122	149
45 - 54yrs	214	217	192
55 - 64yrs	350	427	294
65+ yrs	1195	986	390
Education			
Attended College/Tech	462	468	354
Graduated College/Tech	1031	929	485
Graduated High School	411	440	288
Not Graduated High School	37	52	47
Gender			
Female	1088	1033	710
Male	858	859	465
Income			
15k – <25k	108	110	95
25k – <35k	157	175	124
35k – <50k	198	200	139
< 15k	42	66	42
≥ 50k	981	994	602
Insurance			
No	24	42	60
Yes	678	831	695
Race/Ethnicity			
AIAN	6	10	4
Asian	34	17	6
Black	10	6	5
Hispanic	14	33	34
Other	32	50	35
White	1810	1747	1077

Supplementary Table 22.

New Jersey Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	131	108	122
25 - 34yrs	162	228	210
35 - 44yrs	230	292	211
45 - 54yrs	286	329	268
55 - 64yrs	458	501	281
65+ yrs	1189	907	351
Education			
Attended College/Tech	488	493	328
Graduated College/Tech	1392	1280	715
Graduated High School	470	462	312
Not Graduated High School	93	121	80
Gender			
Female	1238	1193	799
Male	1218	1172	644
Income			
15k – <25k	109	159	114
25k – <35k	161	154	104
35k – <50k	156	189	99
< 15k	73	67	57
≥ 50k	1401	1420	879
Insurance			
No	107	135	96
Yes	1053	1224	928
Race/Ethnicity			
AIAN	7	6	4
Asian	205	116	46
Black	166	231	154
Hispanic	270	336	265
Other	37	60	46
White	1708	1560	898

Supplementary Table 23.
New Mexico Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	63	87	95
25 - 34yrs	103	138	190
35 - 44yrs	151	195	201
45 - 54yrs	183	228	232
55 - 64yrs	378	367	316
65+ yrs	856	759	328
Education			
Attended College/Tech	423	482	422
Graduated College/Tech	686	687	444
Graduated High School	437	434	337
Not Graduated High School	183	168	159
Gender			
Female	933	919	756
Male	801	855	606
Income			
15k – <25k	283	316	280
25k – <35k	145	172	123
35k – <50k	210	229	168
< 15k	154	167	197
≥ 50k	675	685	458
Insurance			
No	100	126	119
Yes	769	880	908
Race/Ethnicity			
AIAN	111	131	162
Asian	19	15	3
Black	14	18	13
Hispanic	551	543	443
Other	15	26	29
White	975	1000	677

Supplementary Table 24.
North Dakota Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	267	295	315
25 - 34yrs	450	530	461
35 - 44yrs	682	610	470
45 - 54yrs	782	742	468
55 - 64yrs	1541	1222	631
65+ yrs	4064	2486	708
Education			
Attended College/Tech	2478	1875	1045
Graduated College/Tech	2988	2317	992
Graduated High School	2011	1482	842
Not Graduated High School	292	206	168
Gender			
Female	4001	2980	1629
Male	3785	2905	1424
Income			
15k – <25k	621	470	291
25k – <35k	631	510	280
35k – <50k	1008	791	372
< 15k	259	199	192
≥ 50k	3874	3083	1561
Insurance			
No	168	177	182
Yes	3461	3145	2107
Race/Ethnicity			
AIAN	157	179	267
Asian	54	35	31
Black	71	55	48
Hispanic	58	79	81
Other	73	80	105
White	7281	5389	2476

Supplementary Table 25.
Oregon Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	173	287	346
25 - 34yrs	322	509	739
35 - 44yrs	500	694	949
45 - 54yrs	496	727	832
55 - 64yrs	612	819	783
65+ yrs	1616	1595	973
Education			
Attended College/Tech	1042	1346	1575
Graduated College/Tech	1787	2162	1750
Graduated High School	696	928	1017
Not Graduated High School	168	183	270
Gender			
Female	1827	2277	2607
Male	1892	2354	2015
Income			
15k – <25k	261	366	477
25k – <35k	316	457	483
35k – <50k	423	544	548
< 15k	123	190	350
≥ 50k	1758	2240	2018
Insurance			
No	128	158	201
Yes	1855	2750	3330
Race/Ethnicity			
AIAN	23	31	57
Asian	120	95	53
Black	38	49	67
Hispanic	311	347	412
Other	125	200	305
White	3021	3787	3616

Supplementary Table 26.
Pennsylvania Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	76	138	140
25 - 34yrs	174	197	235
35 - 44yrs	191	226	197
45 - 54yrs	259	294	256
55 - 64yrs	412	458	240
65+ yrs	758	626	228
Education			
Attended College/Tech	360	454	377
Graduated College/Tech	897	854	455
Graduated High School	540	563	380
Not Graduated High School	71	65	82
Gender			
Female	969	962	726
Male	901	977	570
Income			
15k – <25k	196	222	182
25k – <35k	148	155	118
35k – <50k	198	235	157
< 15k	92	98	100
≥ 50k	976	1001	598
Insurance			
No	73	88	111
Yes	1020	1205	948
Race/Ethnicity			
AIAN	4	5	9
Asian	43	33	12
Black	111	193	156
Hispanic	42	76	67
Other	25	39	39
White	1613	1569	990

Supplementary Table 27.
Rhode Island Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	157	215	210
25 - 34yrs	274	398	425
35 - 44yrs	422	524	440
45 - 54yrs	624	690	598
55 - 64yrs	1069	1203	768
65+ yrs	2347	1911	817
Education			
Attended College/Tech	1058	1088	905
Graduated College/Tech	2528	2436	1324
Graduated High School	992	1104	765
Not Graduated High School	297	300	255
Gender			
Female	2759	2670	1923
Male	2134	2271	1335
Income			
15k – <25k	413	475	389
25k – <35k	346	359	257
35k – <50k	421	539	344
< 15k	208	241	285
≥ 50k	2462	2546	1570
Insurance			
No	145	166	164
Yes	2279	2762	2220
Race/Ethnicity			
AIAN	14	29	30
Asian	110	60	37
Black	133	187	107
Hispanic	366	469	350
Other	120	141	144
White	4047	3955	2531

Supplementary Table 28.

South Carolina Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	162	293	274
25 - 34yrs	314	414	443
35 - 44yrs	432	533	520
45 - 54yrs	699	790	625
55 - 64yrs	1038	1099	704
65+ yrs	3309	2372	943
Education			
Attended College/Tech	1532	1491	1082
Graduated College/Tech	2487	2200	1189
Graduated High School	1530	1411	923
Not Graduated High School	382	387	303
Gender			
Female	3363	2934	2057
Male	2591	2567	1452
Income			
15k – <25k	649	615	449
25k – <35k	509	548	362
35k – <50k	711	649	424
< 15k	357	388	334
≥ 50k	2481	2409	1460
Insurance			
No	241	376	404
Yes	2293	2652	2098
Race/Ethnicity			
AIAN	27	35	49
Asian	38	28	19
Black	1126	1106	614
Hispanic	107	136	134
Other	105	152	157
White	4451	3967	2490

Supplementary Table 29.
South Dakota Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	190	236	200
25 - 34yrs	346	344	325
35 - 44yrs	542	517	392
45 - 54yrs	702	597	450
55 - 64yrs	1029	834	473
65+ yrs	2456	1603	534
Education			
Attended College/Tech	1548	1330	819
Graduated College/Tech	2086	1533	735
Graduated High School	1433	1094	668
Not Graduated High School	178	164	146
Gender			
Female	2805	2142	1361
Male	2460	1989	1013
Income			
15k – <25k	411	385	285
25k – <35k	493	439	285
35k – <50k	714	583	348
< 15k	151	158	198
≥ 50k	2439	1835	911
Insurance			
No	158	169	194
Yes	2528	2286	1600
Race/Ethnicity			
AIAN	431	536	511
Asian	42	16	9
Black	29	43	13
Hispanic	76	77	95
Other	69	80	109
White	4519	3313	1603

Supplementary Table 30.
Tennessee Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	101	165	218
25 - 34yrs	187	292	346
35 - 44yrs	283	333	394
45 - 54yrs	431	528	478
55 - 64yrs	593	638	483
65+ yrs	1441	1073	489
Education			
Attended College/Tech	743	820	736
Graduated College/Tech	1195	1091	699
Graduated High School	878	900	751
Not Graduated High School	213	213	220
Gender			
Female	1652	1542	1435
Male	1384	1487	973
Income			
15k – <25k	322	355	348
25k – <35k	238	263	237
35k – <50k	362	402	357
< 15k	168	245	267
≥ 50k	1375	1329	911
Insurance			
No	142	242	299
Yes	1372	1644	1554
Race/Ethnicity			
AIAN	20	25	40
Asian	23	11	9
Black	236	347	238
Hispanic	41	77	66
Other	49	73	95
White	2621	2464	1924

Supplementary Table 31.
Texas Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	129	187	180
25 - 34yrs	253	343	291
35 - 44yrs	312	384	374
45 - 54yrs	429	428	382
55 - 64yrs	513	514	342
65+ yrs	1173	821	321
Education			
Attended College/Tech	665	759	613
Graduated College/Tech	987	881	530
Graduated High School	704	705	489
Not Graduated High School	441	321	253
Gender			
Female	1524	1380	1081
Male	1285	1297	809
Income			
15k – <25k	414	435	345
25k – <35k	212	233	186
35k – <50k	299	272	229
< 15k	284	280	232
≥ 50k	1012	1041	669
Insurance			
No	480	514	524
Yes	1096	1302	1025
Race/Ethnicity			
AIAN	15	17	16
Asian	66	38	5
Black	134	194	113
Hispanic	1001	940	612
Other	60	78	80
White	1468	1344	1017

Supplementary Table 32.
Utah Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	211	317	299
25 - 34yrs	324	429	429
35 - 44yrs	482	576	503
45 - 54yrs	472	491	354
55 - 64yrs	502	574	342
65+ yrs	1284	1034	415
Education			
Attended College/Tech	1032	1150	802
Graduated College/Tech	1415	1362	753
Graduated High School	722	793	654
Not Graduated High School	102	111	128
Gender			
Female	1710	1608	1334
Male	1565	1813	1008
Income			
15k – <25k	250	279	265
25k – <35k	199	224	179
35k – <50k	349	373	287
< 15k	92	95	111
≥ 50k	1792	1937	1222
Insurance			
No	191	249	231
Yes	1750	2091	1665
Race/Ethnicity			
AIAN	16	24	32
Asian	43	35	24
Black	10	23	23
Hispanic	185	222	244
Other	28	57	66
White	2942	3008	1915

Supplementary Table 33.
Virginia Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	386	596	588
25 - 34yrs	719	1019	1043
35 - 44yrs	1159	1383	1189
45 - 54yrs	1681	1776	1306
55 - 64yrs	2537	2534	1640
65+ yrs	6755	5128	1900
Education			
Attended College/Tech	3013	3221	2366
Graduated College/Tech	6767	5926	3060
Graduated High School	2756	2618	1792
Not Graduated High School	649	643	436
Gender			
Female	7381	6763	4741
Male	5856	5673	2925
Income			
15k – <25k	1011	1051	790
25k – <35k	998	1043	715
35k – <50k	1287	1340	872
< 15k	440	498	442
≥ 50k	6791	6509	3930
Insurance			
No	430	487	530
Yes	5819	6617	5126
Race/Ethnicity			
AIAN	48	58	66
Asian	359	232	93
Black	1566	1879	1126
Hispanic	475	559	494
Other	199	308	272
White	10307	9199	5461

Supplementary Table 34.
West Virginia Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	41	53	54
25 - 34yrs	86	103	108
35 - 44yrs	178	162	141
45 - 54yrs	266	243	163
55 - 64yrs	503	285	211
65+ yrs	1044	607	199
Education			
Attended College/Tech	495	399	249
Graduated College/Tech	623	457	196
Graduated High School	795	476	334
Not Graduated High School	198	121	95
Gender			
Female	1157	836	515
Male	961	617	361
Income			
15k – <25k	272	211	184
25k – <35k	339	160	87
35k – <50k	305	195	113
< 15k	171	148	142
≥ 50k	715	572	265
Insurance			
No	69	72	89
Yes	980	762	580
Race/Ethnicity			
AIAN	8	5	12
Asian	2	5	3
Black	21	33	18
Hispanic	12	3	15
Other	23	20	26
White	1993	1376	783

Supplementary Table 35.
Wisconsin Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	178	240	229
25 - 34yrs	283	372	376
35 - 44yrs	432	507	448
45 - 54yrs	584	626	453
55 - 64yrs	1005	1074	664
65+ yrs	2324	1758	691
Education			
Attended College/Tech	1295	1301	922
Graduated College/Tech	2072	1817	997
Graduated High School	1306	1315	816
Not Graduated High School	120	140	123
Gender			
Female	2620	2383	1682
Male	2186	2194	1179
Income			
15k – <25k	413	455	372
25k – <35k	463	427	272
35k – <50k	602	597	420
< 15k	146	181	198
≥ 50k	2562	2480	1384
Insurance			
No	125	188	155
Yes	2271	2568	1967
Race/Ethnicity			
AIAN	53	81	139
Asian	44	38	20
Black	146	154	111
Hispanic	80	121	103
Other	57	68	84
White	4365	4071	2373

Supplementary Table 36.
Wyoming Sociodemographics

Category	None	Low ACE (1-2)	High ACE (3+)
Age Group (years)			
18 - 24yrs	33	35	52
25 - 34yrs	71	75	78
35 - 44yrs	133	134	119
45 - 54yrs	158	139	119
55 - 64yrs	291	285	170
65+ yrs	970	674	272
Education			
Attended College/Tech	508	439	291
Graduated College/Tech	664	469	258
Graduated High School	440	379	202
Not Graduated High School	41	52	58
Gender			
Female	931	700	481
Male	725	642	329
Income			
15k – <25k	187	158	115
25k – <35k	156	113	72
35k – <50k	187	175	107
< 15k	44	50	48
≥ 50k	807	640	377
Insurance			
No	74	92	94
Yes	599	571	442
Race/Ethnicity			
AIAN	14	9	25
Asian	7	6	1
Black	6	12	8
Hispanic	56	65	51
Other	25	22	17
White	1517	1204	686

Supplementary Table 37.

United States ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25.2	24.9	25.5
Sexual Abuse	13.6	13.4	13.9
Emotional Abuse	35	34.7	35.3
Mental Illness in Household	19.4	19.1	19.7
Substance Abuse in Household	27.4	27.1	27.7
Incarcerated Household Member	9	8.8	9.2
Violence in Household	17.3	17	17.6
Parental Separation	30.9	30.6	31.3

Percentages are weighted estimates

Supplementary Table 38.

Alabama ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	18.1	17.1	19.2
Sexual Abuse	12.9	12	13.8
Emotional Abuse	31	29.7	32.2
Mental Illness in Household	19.1	18	20.2
Substance Abuse in Household	27.1	25.9	28.3
Incarcerated Household Member	9.1	8.3	9.9
Violence in Household	17.3	16.2	18.3
Parental Separation	33.9	32.6	35.1

Supplementary Table 39.

Arizona ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	26.2	24.7	27.6
Sexual Abuse	13.7	12.6	14.8
Emotional Abuse	35.1	33.5	36.7
Mental Illness in Household	16.9	15.6	18.1
Substance Abuse in Household	27.7	26.2	29.2
Incarcerated Household Member	9.7	8.6	10.7
Violence in Household	16.8	15.5	18.1
Parental Separation	32.3	30.8	33.9

Supplementary Table 40.
Arkansas ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	26.4	25	27.9
Sexual Abuse	15.8	14.6	17
Emotional Abuse	37.1	35.5	38.7
Mental Illness in Household	22.8	21.4	24.2
Substance Abuse in Household	29.2	27.7	30.7
Incarcerated Household Member	10.7	9.5	11.8
Violence in Household	19.7	18.4	21
Parental Separation	33.7	32.1	35.3

Supplementary Table 41.
Delaware ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	26.8	25	28.5
Sexual Abuse	11.6	10.4	12.8
Emotional Abuse	34.6	32.7	36.5
Mental Illness in Household	18.1	16.5	19.7
Substance Abuse in Household	26.6	24.8	28.3
Incarcerated Household Member	7.7	6.5	8.9
Violence in Household	17.5	15.9	19
Parental Separation	31.6	29.6	33.5

Supplementary Table 42.

District of Columbia ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	20.2	18	22.3
Sexual Abuse	11.8	10	13.6
Emotional Abuse	35.1	32.5	37.8
Mental Illness in Household	18	15.8	20.1
Substance Abuse in Household	21.9	19.6	24.1
Incarcerated Household Member	8.3	6.7	9.9
Violence in Household	14.3	12.4	16.1
Parental Separation	34.1	31.4	36.7

Supplementary Table 43.

Florida ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	27	26	28.1
Sexual Abuse	13.5	12.7	14.4
Emotional Abuse	32.3	31.2	33.4
Mental Illness in Household	16.7	15.8	17.6
Substance Abuse in Household	25.1	24.1	26.2
Incarcerated Household Member	8.4	7.7	9.1
Violence in Household	16.7	15.8	17.6
Parental Separation	33.5	32.3	34.7

Supplementary Table 44.

Georgia ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25.3	23.9	26.7
Sexual Abuse	14.2	13.1	15.2
Emotional Abuse	34	32.5	35.5
Mental Illness in Household	17.9	16.7	19.1
Substance Abuse in Household	25.8	24.4	27.1
Incarcerated Household Member	10.2	9	11.3
Violence in Household	17.9	16.7	19.1
Parental Separation	32.4	31	33.9

Supplementary Table 45.

Hawaii ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25.4	24	26.8
Sexual Abuse	10.6	9.7	11.5
Emotional Abuse	33.7	32.2	35.3
Mental Illness in Household	13.3	12.2	14.4
Substance Abuse in Household	23.4	22.1	24.8
Incarcerated Household Member	9.2	8.3	10.2
Violence in Household	17.4	16.2	18.6
Parental Separation	26.6	25.2	28.1

Supplementary Table 46.

Idaho ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	22.6	20.8	24.4
Sexual Abuse	13.6	12.2	15
Emotional Abuse	36.5	34.5	38.5
Mental Illness in Household	20.6	18.8	22.3
Substance Abuse in Household	28.3	26.3	30.2
Incarcerated Household Member	11.2	9.8	12.6
Violence in Household	15.2	13.6	16.7
Parental Separation	30.3	28.3	32.3

Supplementary Table 47.

Indiana ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25	23.6	26.3
Sexual Abuse	13.9	12.8	15
Emotional Abuse	35.6	34.1	37.1
Mental Illness in Household	19.7	18.4	21
Substance Abuse in Household	26.8	25.4	28.2
Incarcerated Household Member	9.3	8.3	10.3
Violence in Household	17.7	16.5	19
Parental Separation	30.9	29.4	32.4

Supplementary Table 48.

Iowa ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	21.9	21.3	22.6
Sexual Abuse	12	11.4	12.5
Emotional Abuse	36.5	35.7	37.3
Mental Illness in Household	20.5	19.9	21.2
Substance Abuse in Household	26.3	25.6	27
Incarcerated Household Member	8.2	7.8	8.7
Violence in Household	16	15.4	16.6
Parental Separation	25.5	24.8	26.3

Supplementary Table 49.
Kentucky ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	21.6	19.6	23.6
Sexual Abuse	14.3	12.6	16.1
Emotional Abuse	33	30.6	35.4
Mental Illness in Household	22.9	20.7	25
Substance Abuse in Household	30.2	27.8	32.5
Incarcerated Household Member	12.5	10.7	14.3
Violence in Household	18.2	16.1	20.2
Parental Separation	32.6	30.2	34.9

Supplementary Table 50.

Michigan ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25.3	24	26.6
Sexual Abuse	14.2	13.2	15.2
Emotional Abuse	37.6	36.2	39
Mental Illness in Household	20.6	19.4	21.8
Substance Abuse in Household	30.7	29.4	32.1
Incarcerated Household Member	9.6	8.6	10.6
Violence in Household	17.8	16.7	19
Parental Separation	30.3	28.9	31.7

Supplementary Table 51.

Mississippi ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	14.6	13.7	15.5
Sexual Abuse	12.8	12	13.7
Emotional Abuse	25.3	24.1	26.4
Mental Illness in Household	15.9	14.8	16.9
Substance Abuse in Household	26.2	25	27.4
Incarcerated Household Member	9.8	8.9	10.7
Violence in Household	15.9	14.9	16.8
Parental Separation	35.8	34.5	37

Supplementary Table 52.
Missouri ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	22.5	21.5	23.4
Sexual Abuse	13.6	12.8	14.4
Emotional Abuse	35.1	34.1	36.2
Mental Illness in Household	22.5	21.6	23.5
Substance Abuse in Household	29.5	28.4	30.5
Incarcerated Household Member	9.8	9.1	10.5
Violence in Household	16.7	15.8	17.6
Parental Separation	32.7	31.6	33.8

Supplementary Table 53.
Montana ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	24.3	22.9	25.8
Sexual Abuse	14	12.9	15.2
Emotional Abuse	38.5	36.8	40.1
Mental Illness in Household	24.4	22.9	25.9
Substance Abuse in Household	34.2	32.6	35.8
Incarcerated Household Member	10.5	9.3	11.7
Violence in Household	17.8	16.4	19.1
Parental Separation	31.2	29.6	32.8

Supplementary Table 54.

Nevada ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	34.2	32.4	36
Sexual Abuse	17.8	16.3	19.2
Emotional Abuse	42.5	40.7	44.3
Mental Illness in Household	21.8	20.3	23.3
Substance Abuse in Household	35	33.2	36.7
Incarcerated Household Member	11.9	10.7	13.1
Violence in Household	22.5	20.9	24
Parental Separation	37.3	35.6	39.1

Supplementary Table 55.

New Hampshire ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	26.7	24.9	28.4
Sexual Abuse	11.6	10.3	12.8
Emotional Abuse	39	37	41
Mental Illness in Household	24.1	22.2	25.9
Substance Abuse in Household	31.1	29.2	33
Incarcerated Household Member	6.4	5.2	7.6
Violence in Household	14.8	13.3	16.2
Parental Separation	26.6	24.7	28.5

Supplementary Table 56.

New Jersey ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	28.1	26.5	29.8
Sexual Abuse	10.1	9	11.2
Emotional Abuse	34.5	32.7	36.2
Mental Illness in Household	16.5	15	17.9
Substance Abuse in Household	21.2	19.8	22.7
Incarcerated Household Member	4.8	3.9	5.7
Violence in Household	14.9	13.6	16.1
Parental Separation	22.8	21.3	24.4

Supplementary Table 57.

New Mexico ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	28.6	26.8	30.5
Sexual Abuse	16.5	15	18
Emotional Abuse	35.7	33.8	37.7
Mental Illness in Household	20.5	18.8	22.1
Substance Abuse in Household	31.9	30	33.7
Incarcerated Household Member	8.6	7.4	9.8
Violence in Household	19.9	18.3	21.6
Parental Separation	29.9	28	31.8

Supplementary Table 58.

North Dakota ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	21.5	20.6	22.4
Sexual Abuse	11	10.3	11.7
Emotional Abuse	35.1	34	36.1
Mental Illness in Household	19.5	18.6	20.5
Substance Abuse in Household	27.5	26.5	28.4
Incarcerated Household Member	7.9	7.3	8.6
Violence in Household	14.5	13.7	15.3
Parental Separation	23	22	24

Supplementary Table 59.

Oregon ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	29.4	28.4	30.4
Sexual Abuse	18.4	17.6	19.2
Emotional Abuse	42.7	41.6	43.8
Mental Illness in Household	27.8	26.8	28.7
Substance Abuse in Household	35	33.9	36
Incarcerated Household Member	10.8	10.1	11.5
Violence in Household	20.7	19.8	21.6
Parental Separation	34.3	33.2	35.3

Supplementary Table 60.

Pennsylvania ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25.1	23.5	26.6
Sexual Abuse	11.6	10.5	12.8
Emotional Abuse	35.7	33.9	37.4
Mental Illness in Household	18.9	17.5	20.4
Substance Abuse in Household	27.7	26	29.3
Incarcerated Household Member	9.5	8.3	10.6
Violence in Household	16.4	15	17.8
Parental Separation	27.2	25.6	28.8

Supplementary Table 61.
Rhode Island ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	26.7	25.5	27.9
Sexual Abuse	11.4	10.5	12.3
Emotional Abuse	35.7	34.3	37
Mental Illness in Household	20.1	18.9	21.2
Substance Abuse in Household	27.1	25.9	28.3
Incarcerated Household Member	6.5	5.7	7.3
Violence in Household	16.2	15.2	17.3
Parental Separation	28.4	27.1	29.7

Supplementary Table 62.

South Carolina ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	22.5	21.5	23.4
Sexual Abuse	14.4	13.6	15.2
Emotional Abuse	34.4	33.3	35.5
Mental Illness in Household	19.4	18.4	20.3
Substance Abuse in Household	28.1	27	29.1
Incarcerated Household Member	9.8	9	10.6
Violence in Household	17.7	16.8	18.6
Parental Separation	30.3	29.2	31.4

Supplementary Table 63.

South Dakota ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	19.7	17.8	21.6
Sexual Abuse	11	9.5	12.5
Emotional Abuse	33.5	31.2	35.8
Mental Illness in Household	16.7	14.9	18.5
Substance Abuse in Household	23.3	21.3	25.2
Incarcerated Household Member	8.1	6.7	9.4
Violence in Household	12.7	11.3	14.2
Parental Separation	24.3	22.2	26.4

Supplementary Table 64.

Tennessee ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	24.9	23.6	26.3
Sexual Abuse	15.7	14.5	16.8
Emotional Abuse	36.3	34.8	37.9
Mental Illness in Household	23.6	22.2	25
Substance Abuse in Household	31.3	29.8	32.8
Incarcerated Household Member	11.3	10.2	12.5
Violence in Household	18.5	17.2	19.7
Parental Separation	34	32.4	35.5

Supplementary Table 65.

Texas ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	26.2	24.1	28.3
Sexual Abuse	12.2	10.8	13.7
Emotional Abuse	30.7	28.6	32.8
Mental Illness in Household	13.6	12.1	15.1
Substance Abuse in Household	23.6	21.6	25.5
Incarcerated Household Member	7.4	6.2	8.6
Violence in Household	17.8	16	19.5
Parental Separation	29	26.9	31.1

Supplementary Table 66.

Utah ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	27.3	26	28.6
Sexual Abuse	15.5	14.4	16.5
Emotional Abuse	42.3	40.9	43.7
Mental Illness in Household	28.3	27	29.6
Substance Abuse in Household	25.5	24.2	26.8
Incarcerated Household Member	9.2	8.3	10.1
Violence in Household	16.8	15.7	17.9
Parental Separation	24.1	22.9	25.3

Supplementary Table 67.

Virginia ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	23.8	23.1	24.6
Sexual Abuse	12.8	12.3	13.4
Emotional Abuse	35.5	34.6	36.3
Mental Illness in Household	19.4	18.7	20.1
Substance Abuse in Household	26.5	25.7	27.2
Incarcerated Household Member	8.4	7.9	8.9
Violence in Household	17.1	16.4	17.7
Parental Separation	28	27.2	28.8

Supplementary Table 68.

West Virginia ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	19.9	18.3	21.5
Sexual Abuse	13	11.6	14.3
Emotional Abuse	29.2	27.4	31
Mental Illness in Household	18.8	17.1	20.5
Substance Abuse in Household	26.7	24.9	28.5
Incarcerated Household Member	8.8	7.5	10.2
Violence in Household	17.6	16.1	19.2
Parental Separation	27.2	25.4	29.1

Supplementary Table 69.

Wisconsin ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	25.6	24.4	26.8
Sexual Abuse	11.7	10.8	12.6
Emotional Abuse	38.2	36.9	39.5
Mental Illness in Household	19.1	18.1	20.2
Substance Abuse in Household	26.8	25.6	28
Incarcerated Household Member	7.5	6.6	8.3
Violence in Household	14.7	13.8	15.6
Parental Separation	24.3	23	25.5

Supplementary Table 70.
Wyoming ACE Prevalence

Variable	Prevalence	CI low	CI high
Physical Abuse	24.4	22.2	26.5
Sexual Abuse	11.6	10.1	13.2
Emotional Abuse	36	33.7	38.4
Mental Illness in Household	19.5	17.5	21.6
Substance Abuse in Household	29.2	27	31.5
Incarcerated Household Member	11	9.2	12.8
Violence in Household	17	15.1	18.9
Parental Separation	31.5	29.1	33.8

Supplementary Table 71.

AIAN Health Outcome Risk Ratios

Outcome	Risk Ratio			
	1-2 ACE	FDR	3+ ACE	FDR
Heart Attack	1.68	0.164	2.47	0.004
Coronary Heart Disease	1.93	0.136	3.15	0.002
Stroke	1.12	0.780	3.26	<0.001
Asthma	1.40	0.258	2.72	<0.001
Skin Cancer	0.93	0.864	0.60	0.279
Other Cancer	0.94	0.864	1.74	0.080
COPD	1.42	0.454	2.76	0.048
Depressive disorder	1.55	0.164	4.39	<0.001
Kidney disease	1.44	0.350	2.23	0.048
Diabetes	1.50	0.124	1.44	0.120
Arthritis	1.30	0.291	2.12	0.002
BMI above 25	1.20	0.470	1.33	0.268
Fair or poor general health	1.11	0.689	1.68	0.027
14+ Days poor physical health	1.70	0.086	2.99	<0.001
14+ Days poor mental health	1.70	0.164	3.73	<0.001
Current smoker	1.60	0.048	2.93	<0.001
Heavy drinker	1.89	0.048	1.88	0.048

Supplementary Table 72.

Asian Health Outcome Risk Ratios

Outcome	Risk Ratio			
	1-2 ACE	FDR	3+ ACE	FDR
Heart Attack	0.71	0.485	1.16	0.824
Coronary Heart Disease	0.68	0.485	1.48	0.617
Stroke	1.16	0.824	1.04	0.979
Asthma	2.89	<0.001	3.72	<0.001
Skin Cancer	11.50	0.018	15.27	0.005
Other Cancer	2.29	0.099	3.35	0.033
COPD	3.02	0.018	3.22	0.018
Depressive disorder	2.58	<0.001	8.02	<0.001
Kidney disease	1.41	0.517	1.01	0.994
Diabetes	1.41	0.208	1.24	0.628
Arthritis	1.50	0.135	1.99	0.020
BMI above 25	1.18	0.311	1.50	0.031
Fair or poor general health	1.81	0.024	2.72	<0.001
14+ Days poor physical health	1.22	0.617	2.28	0.018
14+ Days poor mental health	2.40	0.003	5.05	<0.001
Current smoker	1.28	0.226	2.81	<0.001
Heavy drinker	1.26	0.397	1.57	0.126

Supplementary Table 73.

Black Health Outcome Risk Ratios

Outcome	Risk Ratio			
	1-2 ACE	FDR	3+ ACE	FDR
Heart Attack	1.18	0.342	1.58	0.009
Coronary Heart Disease	1.21	0.281	2.10	<0.001
Stroke	1.30	0.052	1.63	0.001
Asthma	1.11	0.325	1.90	<0.001
Skin Cancer	0.90	0.732	1.06	0.866
Other Cancer	1.14	0.291	1.30	0.054
COPD	1.49	0.002	2.24	<0.001
Depressive disorder	1.66	<0.001	4.20	<0.001
Kidney disease	1.34	0.056	1.46	0.035
Diabetes	1.13	0.190	1.10	0.346
Arthritis	1.06	0.471	1.58	<0.001
BMI above 25	0.96	0.644	1.05	0.639
Fair or poor general health	1.36	0.001	1.99	<0.001
14+ Days poor physical health	1.14	0.346	1.59	<0.001
14+ Days poor mental health	1.19	0.136	2.82	<0.001
Current smoker	1.50	<0.001	2.49	<0.001
Heavy drinker	1.46	<0.001	2.43	<0.001

Supplementary Table 74.

Hispanic Health Outcome Risk Ratios

Outcome	Risk Ratio			
	1-2 ACE	FDR	3+ ACE	FDR
Heart Attack	1.14	0.686	1.85	0.021
Coronary Heart Disease	0.88	0.686	2.04	0.024
Stroke	1.07	0.828	1.72	0.121
Asthma	1.46	0.015	2.30	<0.001
Skin Cancer	1.41	0.454	1.27	0.614
Other Cancer	0.90	0.686	1.64	0.036
COPD	1.32	0.370	2.66	<0.001
Depressive disorder	1.94	<0.001	5.69	<0.001
Kidney disease	1.78	0.023	1.74	0.023
Diabetes	0.96	0.768	1.14	0.454
Arthritis	1.20	0.240	2.40	<0.001
BMI above 25	0.91	0.464	1.05	0.692
Fair or poor general health	1.16	0.240	1.84	<0.001
14+ Days poor physical health	1.15	0.450	2.10	<0.001
14+ Days poor mental health	1.43	0.044	4.27	<0.001
Current smoker	1.58	<0.001	2.78	<0.001
Heavy drinker	1.21	0.178	2.06	<0.001

Supplementary Table 75.

Other Health Outcome Risk Ratios

Outcome	Risk Ratio			
	1-2 ACE	FDR	3+ ACE	FDR
Heart Attack	1.01	0.976	1.17	0.621
Coronary Heart Disease	1.57	0.274	1.53	0.257
Stroke	1.56	0.310	1.82	0.137
Asthma	2.64	<0.001	3.76	<0.001
Skin Cancer	2.48	0.012	1.67	0.122
Other Cancer	1.29	0.401	1.50	0.136
COPD	1.88	0.042	2.74	<0.001
Depressive disorder	2.11	0.004	6.28	<0.001
Kidney disease	1.53	0.317	1.46	0.315
Diabetes	1.46	0.103	1.27	0.289
Arthritis	1.60	0.010	2.05	<0.001
BMI above 25	1.33	0.156	1.21	0.317
Fair or poor general health	0.96	0.891	1.54	0.103
14+ Days poor physical health	2.01	0.003	2.81	<0.001
14+ Days poor mental health	2.38	<0.001	4.36	<0.001
Current smoker	1.82	<0.001	3.66	<0.001
Heavy drinker	1.11	0.648	1.68	0.035

Supplementary Table 76.
White Health Outcome Risk Ratios

Outcome	Risk Ratio			
	1-2 ACE	FDR	3+ ACE	FDR
Heart Attack	1.06	0.123	1.35	<0.001
Coronary Heart Disease	1.15	<0.001	1.54	<0.001
Stroke	1.11	0.027	1.46	<0.001
Asthma	1.26	<0.001	1.81	<0.001
Skin Cancer	1.05	0.109	1.08	0.046
Other Cancer	1.05	0.098	1.22	<0.001
COPD	1.42	<0.001	2.44	<0.001
Depressive disorder	1.95	<0.001	4.26	<0.001
Kidney disease	1.21	<0.001	1.51	<0.001
Diabetes	1.04	0.123	1.23	<0.001
Arthritis	1.25	<0.001	1.84	<0.001
BMI above 25	1.07	0.003	1.20	<0.001
Fair or poor general health	1.31	<0.001	2.23	<0.001
14+ Days poor physical health	1.29	<0.001	2.12	<0.001
14+ Days poor mental health	1.68	<0.001	3.54	<0.001
Current smoker	1.48	<0.001	2.48	<0.001
Heavy drinker	1.31	<0.001	1.48	<0.001