

**Supplementary Table 1 Frequency and age adjusted mortality rates per 100,000 deaths
in adults aged < 25 in the United States, 1999 to 2020**

	Deaths	Population	Overall AAMR per 100,000 deaths (95% CI)
Entire Cohort	37308	4473854489	0.79 (0.78-0.8)
<i>Sex</i>			
Male	17868	2154556911	0.92 (0.91-0.94)
Female	19440	2319297578	0.71 (0.70-0.72)
Census region of United States			
Northeast	5184	827193779	0.53 (0.52-0.54)
Midwest	8607	969567311	0.81 (0.80-0.83)
South	14579	1652256217	0.84 (0.82-0.85)
West	2012	1024837182	0.89 (0.87-0.90)
Race			
NH Black or African American	8732	546447527	1.92 (1.91-0.9)
NH White	26756	3631977407	0.63 (0.63-0.65)
Hispanic	3051	589350210	0.87 (0.84-0.921)

Supplementary Table 2 Annual age adjusted mortality rates per 100,000 deaths in adults aged 25+ in the United States, 1999 to 2020

Year	Age Adjusted Rate	Age Adjusted Rate Lower 95% Confidence Interval	Age Adjusted Rate Upper 95% Confidence Interval
1999	1.08	1.03	1.13
2000	0.93	0.89	0.98
2001	0.93	0.89	0.98
2002	0.99	0.94	1.04
2003	0.97	0.92	1.01
2004	0.89	0.85	0.94
2005	0.87	0.82	0.91
2006	0.78	0.74	0.82
2007	0.76	0.72	0.8
2008	0.7	0.67	0.74
2009	0.64	0.61	0.68
2010	0.54	0.51	0.57
2011	1.23	1.18	1.28
2012	1.31	1.26	1.36
2013	0.54	0.51	0.57
2014	0.55	0.52	0.58
2015	0.55	0.52	0.58
2016	0.59	0.56	0.62
2017	0.62	0.59	0.65
2018	0.64	0.61	0.67
2019	0.65	0.62	0.68
2020	0.71	0.68	0.75

Supplementary Table 3 Age adjusted mortality rates per 100,000 deaths stratified by sex in adults aged 25+ in the United States, 1999 to 2020

Sex	Year	Age Adjusted Rate	Age Adjusted Rate Lower 95% Confidence Interval	Age Adjusted Rate Upper 95% Confidence Interval
Female	1999	1	0.94	1.06
Female	2000	0.83	0.77	0.89
Female	2001	0.8	0.75	0.85
Female	2002	0.88	0.82	0.93
Female	2003	0.91	0.85	0.96
Female	2004	0.77	0.72	0.82
Female	2005	0.75	0.7	0.81
Female	2006	0.67	0.63	0.72
Female	2007	0.65	0.61	0.7
Female	2008	0.64	0.6	0.69
Female	2009	0.56	0.52	0.6
Female	2010	0.48	0.44	0.52

Fem	2011	1.12	1.06	1.18
ale				
Fem	2012	1.21	1.15	1.27
ale				
Fem	2013	0.44	0.41	0.48
ale				
Fem	2014	0.48	0.44	0.52
ale				
Fem	2015	0.47	0.43	0.51
ale				
Fem	2016	0.5	0.46	0.54
ale				
Fem	2017	0.54	0.5	0.57
ale				
Fem	2018	0.53	0.49	0.57
ale				
Fem	2019	0.56	0.52	0.6
ale				
Fem	2020	0.6	0.56	0.64
ale				
Mal	1999	1.25	1.17	1.34
e				
Mal	2000	1.09	1.01	1.17
e				
Mal	2001	1.11	1.03	1.19
e				
Mal	2002	1.12	1.04	1.2
e				

Mal e	2003	1.12	1.04	1.2
Mal e	2004	1.09	1.02	1.17
Mal e	2005	1.03	0.95	1.1
Mal e	2006	0.92	0.85	0.99
Mal e	2007	0.87	0.8	0.94
Mal e	2008	0.81	0.75	0.88
Mal e	2009	0.78	0.72	0.84
Mal e	2010	0.67	0.62	0.73
Mal e	2011	1.41	1.33	1.49
Mal e	2012	1.53	1.45	1.61
Mal e	2013	0.68	0.63	0.74
Mal e	2014	0.64	0.58	0.69
Mal e	2015	0.66	0.61	0.71
Mal e	2016	0.71	0.66	0.76

Male	2017	0.76	0.71	0.82
Male	2018	0.72	0.67	0.77
Male	2019	0.74	0.69	0.79
Male	2020	0.87	0.81	0.93

Supplementary Table 4 Age adjusted mortality rates per 100,000 deaths stratified by race in adults aged 25+ in the United States, 1999 to 2020

Race	Year	Age Adjusted Rate	Age Adjusted Lower 95% Confidence Interval	Age Adjusted Upper 95% Confidence Interval
Asian or Pacific Islander	1999	1.68	1.29	2.15
Asian or Pacific Islander	2000	1.11	0.81	1.5
Asian or Pacific Islander	2001	1.28	0.95	1.68
Asian or Pacific Islander	2002	1.24	0.93	1.63
Asian or Pacific Islander	2003	1.53	1.2	1.93

Asian	or	200	1.07	0.8	1.4
Pacific		4			
Islander					
Asian	or	200	0.92	0.67	1.22
Pacific		5			
Islander					
Asian	or	200	0.84	0.62	1.12
Pacific		6			
Islander					
Asian	or	200	0.7	0.51	0.95
Pacific		7			
Islander					
Asian	or	200	0.83	0.62	1.09
Pacific		8			
Islander					
Asian	or	200	0.9	0.69	1.16
Pacific		9			
Islander					
Asian	or	201	0.6	0.43	0.81
Pacific		0			
Islander					
Asian	or	201	1.48	1.22	1.75
Pacific		1			
Islander					
Asian	or	201	1.77	1.48	2.05
Pacific		2			
Islander					

Asian	or	201	0.56	0.42	0.74
Pacific		3			
Islander					
Asian	or	201	0.64	0.48	0.82
Pacific		4			
Islander					
Asian	or	201	0.54	0.41	0.7
Pacific		5			
Islander					
Asian	or	201	0.67	0.52	0.84
Pacific		6			
Islander					
Asian	or	201	0.72	0.57	0.9
Pacific		7			
Islander					
Asian	or	201	0.59	0.46	0.74
Pacific		8			
Islander					
Asian	or	201	0.6	0.48	0.75
Pacific		9			
Islander					
Asian	or	202	0.75	0.6	0.9
Pacific		0			
Islander					
Black	or	199	3.75	3.44	4.06
African		9			
American					

Black	or	200	2.68	2.42	2.94
African		0			
American					
Black	or	200	2.72	2.46	2.98
African		1			
American					
Black	or	200	3.17	2.89	3.45
African		2			
American					
Black	or	200	2.79	2.53	3.05
African		3			
American					
Black	or	200	2.59	2.34	2.84
African		4			
American					
Black	or	200	2.58	2.33	2.82
African		5			
American					
Black	or	200	2.12	1.9	2.34
African		6			
American					
Black	or	200	2.08	1.86	2.29
African		7			
American					
Black	or	200	1.86	1.66	2.07
African		8			
American					

Black	or	200	1.65	1.46	1.83
African		9			
American					
Black	or	201	1.43	1.26	1.61
African		0			
American					
Black	or	201	2.84	2.6	3.08
African		1			
American					
Black	or	201	2.98	2.74	3.22
African		2			
American					
Black	or	201	1.24	1.09	1.4
African		3			
American					
Black	or	201	1.34	1.18	1.5
African		4			
American					
Black	or	201	1.28	1.13	1.43
African		5			
American					
Black	or	201	1.24	1.09	1.38
African		6			
American					
Black	or	201	1.38	1.23	1.53
African		7			
American					

Black	or	201	1.39	1.24	1.54
African		8			
American					
Black	or	201	1.31	1.17	1.45
African		9			
American					
Black	or	202	1.35	1.2	1.49
African		0			
American					
White		199	0.79	0.75	0.84
		9			
White		200	0.73	0.69	0.78
		0			
White		200	0.74	0.7	0.78
		1			
White		200	0.72	0.68	0.76
		2			
White		200	0.77	0.73	0.82
		3			
White		200	0.7	0.66	0.74
		4			
White		200	0.66	0.62	0.69
		5			
White		200	0.61	0.58	0.65
		6			
White		200	0.58	0.54	0.61
		7			

White	200	0.54	0.5	0.57
	8			
White	200	0.53	0.49	0.56
	9			
White	201	0.46	0.43	0.49
	0			
White	201	1.02	0.98	1.07
	1			
White	201	1.12	1.07	1.17
	2			
White	201	0.46	0.43	0.5
	3			
White	201	0.46	0.43	0.49
	4			
White	201	0.47	0.44	0.5
	5			
White	201	0.51	0.48	0.54
	6			
White	201	0.53	0.5	0.56
	7			
White	201	0.54	0.51	0.57
	8			
White	201	0.57	0.54	0.6
	9			
White	202	0.62	0.59	0.66
	0			
Hispanic or Latino	199	1.51	1.25	1.77
	9			

Hispanic or Latino	200	1.2	0.96	1.43
	0			
Hispanic or Latino	200	1.09	0.88	1.31
	1			
Hispanic or Latino	200	1.23	1.01	1.46
	2			
Hispanic or Latino	200	1.06	0.86	1.26
	3			
Hispanic or Latino	200	1.17	0.96	1.38
	4			
Hispanic or Latino	200	0.97	0.78	1.15
	5			
Hispanic or Latino	200	0.94	0.76	1.11
	6			
Hispanic or Latino	200	0.91	0.74	1.07
	7			
Hispanic or Latino	200	0.9	0.74	1.06
	8			
Hispanic or Latino	200	0.92	0.76	1.08
	9			
Hispanic or Latino	201	0.79	0.65	0.94
	0			
Hispanic or Latino	201	1.61	1.41	1.81
	1			
Hispanic or Latino	201	1.68	1.48	1.88
	2			
Hispanic or Latino	201	0.48	0.38	0.59
	3			

Hispanic or Latino	2014	0.48	0.38	0.6
Hispanic or Latino	2015	0.46	0.37	0.57
Hispanic or Latino	2016	0.49	0.39	0.59
Hispanic or Latino	2017	0.56	0.46	0.66
Hispanic or Latino	2018	0.63	0.52	0.73
Hispanic or Latino	2019	0.62	0.52	0.72
Hispanic or Latino	2020	0.72	0.61	0.82

Supplementary Table 5 State wise age adjusted mortality rates per 100,000 deaths in adults aged 25+ in the United States, 1999 to 2020

State	Age Adjusted Rate	Age Adjusted Lower 95% Confidence Interval	Age Adjusted Upper 95% Confidence Interval	% of Total Deaths
Alabama	0.97	0.9	1.04	1.96%
Alaska	0.9	0.66	1.2	0.13%
Arizona	0.38	0.34	0.42	0.99%
Arkansas	0.73	0.65	0.81	0.92%
California	1.08	1.05	1.11	15.04%

Colorado	0.79	0.72	0.86	1.35%
Connecticut	0.56	0.49	0.62	0.90%
Delaware	0.65	0.53	0.79	0.26%
District of Columbia	1.27	1.03	1.52	0.29%
Florida	0.45	0.43	0.48	4.62%
Georgia	0.74	0.7	0.79	2.53%
Hawaii	1	0.87	1.14	0.62%
Idaho	0.56	0.46	0.66	0.34%
Illinois	0.71	0.67	0.75	3.74%
Indiana	0.83	0.77	0.88	2.25%
Iowa	0.71	0.64	0.78	1.08%
Kansas	0.57	0.5	0.64	0.73%
Kentucky	0.9	0.83	0.97	1.58%
Louisiana	0.69	0.62	0.75	1.21%
Maine	0.68	0.57	0.78	0.45%
Maryland	0.96	0.9	1.03	2.19%
Massachusetts	0.51	0.47	0.55	1.55%

Michigan	0.69	0.65	0.74	2.93%
Minnesota	0.9	0.83	0.96	2.10%
Mississippi	1.11	1.01	1.21	1.28%
Missouri	0.8	0.74	0.86	2.05%
Montana	0.47	0.37	0.59	0.22%
Nebraska	0.82	0.71	0.92	0.67%
Nevada	0.42	0.35	0.48	0.42%
New Hampshire	0.64	0.53	0.75	0.36%
New Jersey	0.57	0.53	0.61	2.26%
New Mexico	0.58	0.49	0.67	0.46%
New York	0.4	0.38	0.42	3.54%
North Carolina	1.07	1.02	1.13	4.18%
North Dakota	1.07	0.89	1.26	0.36%
Ohio	0.96	0.91	1	4.94%

Oklahoma	1.05	0.96	1.13	1.64%
Oregon	0.91	0.84	0.99	1.56%
Pennsylvania	0.69	0.65	0.72	4.32%
Rhode Island	0.63	0.52	0.74	0.34%
South Carolina	1.24	1.16	1.33	2.40%
South Dakota	0.95	0.79	1.11	0.39%
Tennessee	1	0.93	1.06	2.60%
Texas	0.94	0.9	0.97	7.90%
Utah	0.48	0.4	0.56	0.36%
Vermont	0.61	0.47	0.78	0.18%
Virginia	0.8	0.75	0.86	2.47%
Washington	0.86	0.8	0.91	2.34%
West Virginia	1.17	1.05	1.29	1.04%
Wisconsin	0.7	0.65	0.76	1.83%
Wyoming	0.55	0.4	0.74	0.12%

Supplementary Table 6 Age adjusted mortality rates per 100,000 deaths stratified by census region in adults aged 25+ in the United States, 1999 to 2020

Census Region	Year	Age Adjusted Rate	Age Lower Interval	Adjusted 95% Confidence	Rate Upper Interval
Census Region Northeast	1999	0.9	0.8		1
Census Region Northeast	2000	0.68	0.6		0.76
Census Region Northeast	2001	0.61	0.53		0.69
Census Region Northeast	2002	0.63	0.55		0.71
Census Region Northeast	2003	0.63	0.55		0.7
Census Region Northeast	2004	0.59	0.52		0.67
Census Region Northeast	2005	0.54	0.47		0.61
Census Region Northeast	2006	0.55	0.47		0.62

Census	200	0.48	0.42	0.55
Region	1: 7			
Northeast				
Census	200	0.52	0.45	0.59
Region	1: 8			
Northeast				
Census	200	0.4	0.34	0.46
Region	1: 9			
Northeast				
Census	201	0.45	0.39	0.52
Region	1: 0			
Northeast				
Census	201	0.8	0.72	0.89
Region	1: 1			
Northeast				
Census	201	0.86	0.77	0.94
Region	1: 2			
Northeast				
Census	201	0.4	0.34	0.46
Region	1: 3			
Northeast				
Census	201	0.39	0.33	0.45
Region	1: 4			
Northeast				
Census	201	0.46	0.4	0.52
Region	1: 5			
Northeast				

Census	201	0.41	0.35	0.47
Region 1: 6				
Northeast				
Census	201	0.43	0.37	0.49
Region 1: 7				
Northeast				
Census	201	0.4	0.35	0.46
Region 1: 8				
Northeast				
Census	201	0.44	0.38	0.5
Region 1: 9				
Northeast				
Census	202	0.49	0.43	0.55
Region 1: 0				
Northeast				
Census	199	0.99	0.89	1.08
Region 2: 9				
Midwest				
Census	200	0.92	0.83	1.02
Region 2: 0				
Midwest				
Census	200	0.89	0.8	0.98
Region 2: 1				
Midwest				
Census	200	0.99	0.89	1.08
Region 2: 2				
Midwest				

Census	200	0.95	0.86	1.04
Region	2: 3			
Midwest				
Census	200	0.92	0.83	1.01
Region	2: 4			
Midwest				
Census	200	0.83	0.75	0.92
Region	2: 5			
Midwest				
Census	200	0.81	0.73	0.89
Region	2: 6			
Midwest				
Census	200	0.69	0.61	0.76
Region	2: 7			
Midwest				
Census	200	0.63	0.56	0.7
Region	2: 8			
Midwest				
Census	200	0.6	0.53	0.67
Region	2: 9			
Midwest				
Census	201	0.59	0.52	0.66
Region	2: 0			
Midwest				
Census	201	1.18	1.08	1.27
Region	2: 1			
Midwest				

Census	201	1.33	1.23	1.43
Region	2: 2			
Midwest				
Census	201	0.52	0.46	0.59
Region	2: 3			
Midwest				
Census	201	0.62	0.55	0.69
Region	2: 4			
Midwest				
Census	201	0.62	0.55	0.69
Region	2: 5			
Midwest				
Census	201	0.59	0.53	0.66
Region	2: 6			
Midwest				
Census	201	0.64	0.58	0.71
Region	2: 7			
Midwest				
Census	201	0.7	0.63	0.77
Region	2: 8			
Midwest				
Census	201	0.71	0.64	0.78
Region	2: 9			
Midwest				
Census	202	0.77	0.69	0.84
Region	2: 0			
Midwest				

Census	199	1.21	1.12	1.29
Region	3: 9			
South				
Census	200	1.03	0.95	1.11
Region	3: 0			
South				
Census	200	1.06	0.98	1.14
Region	3: 1			
South				
Census	200	1.09	1.01	1.17
Region	3: 2			
South				
Census	200	1.13	1.05	1.21
Region	3: 3			
South				
Census	200	0.95	0.87	1.02
Region	3: 4			
South				
Census	200	1	0.92	1.07
Region	3: 5			
South				
Census	200	0.85	0.78	0.92
Region	3: 6			
South				
Census	200	0.82	0.76	0.89
Region	3: 7			
South				

Census		200	0.74	0.67	0.8
Region	3:	8			
South					
Census		200	0.75	0.69	0.82
Region	3:	9			
South					
Census		201	0.56	0.5	0.61
Region	3:	0			
South					
Census		201	1.32	1.23	1.4
Region	3:	1			
South					
Census		201	1.36	1.28	1.44
Region	3:	2			
South					
Census		201	0.57	0.52	0.62
Region	3:	3			
South					
Census		201	0.61	0.55	0.66
Region	3:	4			
South					
Census		201	0.55	0.5	0.6
Region	3:	5			
South					
Census		201	0.61	0.56	0.66
Region	3:	6			
South					

Census	201	0.72	0.66	0.77
Region	3: 7			
South				
Census	201	0.66	0.6	0.71
Region	3: 8			
South				
Census	201	0.71	0.66	0.77
Region	3: 9			
South				
Census	202	0.72	0.67	0.78
Region	3: 0			
South				
Census	199	1.19	1.08	1.31
Region	4: 9			
West				
Census	200	0.99	0.89	1.1
Region	4: 0			
West				
Census	200	1.11	1	1.22
Region	4: 1			
West				
Census	200	1.08	0.97	1.18
Region	4: 2			
West				
Census	200	1.05	0.95	1.15
Region	4: 3			
West				

Census	200	1.06	0.95	1.16
Region 4:	4			
West				
Census	200	0.95	0.86	1.05
Region 4:	5			
West				
Census	200	0.84	0.75	0.93
Region 4:	6			
West				
Census	200	0.84	0.75	0.93
Region 4:	7			
West				
Census	200	0.8	0.71	0.88
Region 4:	8			
West				
Census	200	0.7	0.63	0.78
Region 4:	9			
West				
Census	201	0.62	0.54	0.69
Region 4:	0			
West				
Census	201	1.56	1.45	1.67
Region 4:	1			
West				
Census	201	1.71	1.59	1.82
Region 4:	2			
West				

Census	201	0.61	0.54	0.68
Region	4: 3			
West				
Census	201	0.55	0.48	0.61
Region	4: 4			
West				
Census	201	0.58	0.52	0.65
Region	4: 5			
West				
Census	201	0.68	0.61	0.75
Region	4: 6			
West				
Census	201	0.66	0.59	0.73
Region	4: 7			
West				
Census	201	0.7	0.63	0.77
Region	4: 8			
West				
Census	201	0.67	0.6	0.74
Region	4: 9			
West				
Census	202	0.83	0.75	0.9
Region	4: 0			
West				

Supplementary Table 7 Age adjusted mortality rates per 100,000 deaths stratified by urbanization in adults aged 25+ in the United States, 1999 to 2020

2013 Urbanization	Year	Age Adjusted Rate	Age Adjusted Lower Interval	Adjusted 95% Confidence Interval	Rate	Age Adjusted Rate Upper 95% Confidence Interval
Large Central Metro	1999	1.18	1.09			1.28
Large Central Metro	2000	1.02	0.93			1.1
Large Central Metro	2001	1.06	0.97			1.15
Large Central Metro	2002	1.01	0.92			1.09
Large Central Metro	2003	0.97	0.88			1.05
Large Central Metro	2004	0.94	0.85			1.02
Large Central Metro	2005	0.94	0.86			1.02
Large Central Metro	2006	0.82	0.74			0.9

Large	200	0.81	0.74	0.89
Central	7			
Metro				
Large	200	0.71	0.64	0.78
Central	8			
Metro				
Large	200	0.65	0.59	0.72
Central	9			
Metro				
Large	201	0.55	0.49	0.61
Central	0			
Metro				
Large	201	1.38	1.29	1.48
Central	1			
Metro				
Large	201	1.46	1.36	1.56
Central	2			
Metro				
Large	201	0.53	0.47	0.58
Central	3			
Metro				
Large	201	0.62	0.56	0.69
Central	4			
Metro				
Large	201	0.52	0.47	0.58
Central	5			
Metro				

Large	201	0.57	0.51	0.63
Central	6			
Metro				
Large	201	0.61	0.55	0.66
Central	7			
Metro				
Large	201	0.6	0.54	0.65
Central	8			
Metro				
Large	201	0.6	0.54	0.65
Central	9			
Metro				
Large	202	0.72	0.66	0.78
Central	0			
Metro				
Large	199	0.94	0.84	1.03
Fringe	9			
Metro				
Large	200	0.81	0.72	0.9
Fringe	0			
Metro				
Large	200	0.79	0.7	0.88
Fringe	1			
Metro				
Large	200	0.86	0.77	0.95
Fringe	2			
Metro				

Large	200	0.83	0.74	0.91
Fringe	3			
Metro				
Large	200	0.79	0.7	0.87
Fringe	4			
Metro				
Large	200	0.73	0.65	0.81
Fringe	5			
Metro				
Large	200	0.57	0.5	0.64
Fringe	6			
Metro				
Large	200	0.62	0.55	0.7
Fringe	7			
Metro				
Large	200	0.53	0.47	0.59
Fringe	8			
Metro				
Large	200	0.53	0.46	0.59
Fringe	9			
Metro				
Large	201	0.46	0.4	0.52
Fringe	0			
Metro				
Large	201	0.9	0.81	0.98
Fringe	1			
Metro				

Large	201	1.02	0.93	1.1
Fringe	2			
Metro				
Large	201	0.48	0.43	0.54
Fringe	3			
Metro				
Large	201	0.47	0.41	0.53
Fringe	4			
Metro				
Large	201	0.47	0.41	0.52
Fringe	5			
Metro				
Large	201	0.48	0.42	0.53
Fringe	6			
Metro				
Large	201	0.51	0.46	0.57
Fringe	7			
Metro				
Large	201	0.55	0.49	0.61
Fringe	8			
Metro				
Large	201	0.54	0.49	0.6
Fringe	9			
Metro				
Large	202	0.6	0.54	0.66
Fringe	0			
Metro				

Medium	199	1.07	0.96	1.18
Metro	9			
Medium	200	0.96	0.86	1.06
Metro	0			
Medium	200	0.89	0.8	0.99
Metro	1			
Medium	200	0.95	0.86	1.05
Metro	2			
Medium	200	1.02	0.92	1.12
Metro	3			
Medium	200	0.87	0.78	0.96
Metro	4			
Medium	200	0.88	0.79	0.97
Metro	5			
Medium	200	0.78	0.7	0.86
Metro	6			
Medium	200	0.73	0.65	0.82
Metro	7			
Medium	200	0.73	0.65	0.82
Metro	8			
Medium	200	0.61	0.54	0.69
Metro	9			
Medium	201	0.58	0.51	0.65
Metro	0			
Medium	201	1.26	1.16	1.36
Metro	1			
Medium	201	1.37	1.26	1.47
Metro	2			

Medium	201	0.55	0.49	0.62
Metro	3			
Medium	201	0.54	0.47	0.6
Metro	4			
Medium	201	0.63	0.56	0.7
Metro	5			
Medium	201	0.67	0.6	0.74
Metro	6			
Medium	201	0.72	0.65	0.79
Metro	7			
Medium	201	0.66	0.59	0.73
Metro	8			
Medium	201	0.73	0.66	0.8
Metro	9			
Medium	202	0.74	0.67	0.81
Metro	0			
Small	199	1.11	0.95	1.27
Metro	9			
Small	200	1.01	0.86	1.17
Metro	0			
Small	200	1.03	0.88	1.18
Metro	1			
Small	200	1.15	1	1.31
Metro	2			
Small	200	1.05	0.9	1.2
Metro	3			
Small	200	0.92	0.78	1.06
Metro	4			

Small	200	0.87	0.73	1.01
Metro	5			
Small	200	0.82	0.69	0.94
Metro	6			
Small	200	0.79	0.66	0.91
Metro	7			
Small	200	0.74	0.62	0.86
Metro	8			
Small	200	0.68	0.57	0.79
Metro	9			
Small	201	0.53	0.43	0.62
Metro	0			
Small	201	1.43	1.27	1.59
Metro	1			
Small	201	1.51	1.34	1.67
Metro	2			
Small	201	0.66	0.55	0.76
Metro	3			
Small	201	0.5	0.41	0.59
Metro	4			
Small	201	0.6	0.5	0.7
Metro	5			
Small	201	0.61	0.51	0.71
Metro	6			
Small	201	0.67	0.57	0.78
Metro	7			
Small	201	0.77	0.66	0.88
Metro	8			

Small	201	0.72	0.61	0.83
Metro	9			
Small	202	0.82	0.71	0.93
Metro	0			
Micropolit	199	1.07	0.92	1.22
an	9			
(Nonmetro				
)				
Micropolit	200	0.93	0.79	1.06
an	0			
(Nonmetro				
)				
Micropolit	200	0.93	0.79	1.07
an	1			
(Nonmetro				
)				
Micropolit	200	1.03	0.88	1.17
an	2			
(Nonmetro				
)				
Micropolit	200	1.07	0.92	1.22
an	3			
(Nonmetro				
)				
Micropolit	200	0.9	0.77	1.04
an	4			
(Nonmetro				
)				

Micropolit an (Nonmetro)	200 5	0.85	0.72	0.98
Micropolit an (Nonmetro)	200 6	0.93	0.8	1.07
Micropolit an (Nonmetro)	200 7	0.71	0.59	0.83
Micropolit an (Nonmetro)	200 8	0.76	0.64	0.89
Micropolit an (Nonmetro)	200 9	0.79	0.67	0.92
Micropolit an (Nonmetro)	201 0	0.72	0.61	0.83
Micropolit an (Nonmetro)	201 1	1.27	1.12	1.43

Micropolit an (Nonmetro)	201 2	1.46	1.3	1.62
Micropolit an (Nonmetro)	201 3	0.53	0.44	0.63
Micropolit an (Nonmetro)	201 4	0.7	0.59	0.81
Micropolit an (Nonmetro)	201 5	0.62	0.52	0.72
Micropolit an (Nonmetro)	201 6	0.66	0.54	0.77
Micropolit an (Nonmetro)	201 7	0.66	0.55	0.76
Micropolit an (Nonmetro)	201 8	0.66	0.56	0.77

Micropolit an (Nonmetro)	201 9	0.76	0.65	0.87
Micropolit an (Nonmetro)	202 0	0.8	0.69	0.91
NonCore (Nonmetro)	199 9	1.16	0.99	1.34
NonCore (Nonmetro)	200 0	0.89	0.74	1.05
NonCore (Nonmetro)	200 1	0.84	0.69	0.98
NonCore (Nonmetro)	200 2	0.98	0.82	1.13
NonCore (Nonmetro)	200 3	1.02	0.86	1.18
NonCore (Nonmetro)	200 4	0.99	0.84	1.15

NonCore	200	0.86	0.71	1
(Nonmetro	5			
)				
NonCore	200	0.85	0.71	0.99
(Nonmetro	6			
)				
NonCore	200	0.83	0.68	0.97
(Nonmetro	7			
)				
NonCore	200	0.83	0.69	0.97
(Nonmetro	8			
)				
NonCore	200	0.73	0.6	0.87
(Nonmetro	9			
)				
NonCore	201	0.72	0.59	0.85
(Nonmetro	0			
)				
NonCore	201	1.21	1.05	1.38
(Nonmetro	1			
)				
NonCore	201	1.25	1.08	1.42
(Nonmetro	2			
)				
NonCore	201	0.59	0.47	0.72
(Nonmetro	3			
)				

NonCore (Nonmetro)	201 4	0.44	0.35	0.55
NonCore (Nonmetro)	201 5	0.64	0.52	0.76
NonCore (Nonmetro)	201 6	0.67	0.55	0.79
NonCore (Nonmetro)	201 7	0.74	0.61	0.87
NonCore (Nonmetro)	201 8	0.66	0.54	0.78
NonCore (Nonmetro)	201 9	0.72	0.6	0.85
NonCore (Nonmetro)	202 0	0.89	0.76	1.03

Supplementary Table 8 Number of deaths stratified by place of death in adults aged 25+ in the United States, 1999 to 2020

Place of Death	Deaths	% of Total Deaths
Medical Facility - Inpatient	19691	52.78%

Medical Facility -	999	2.68%
Outpatient or ER		
Medical Facility - Dead on Arrival	65	0.17%
Medical Facility - Status unknown	53	0.14%
Decedent's home	4234	11.35%
Hospice facility	1884	5.05%
Nursing home/long term care	9170	24.58%
Other	1119	3.00%
Place of death unknown	93	0.25%
