

State Suicide Rates Among Adolescents and Young Adults Aged 10–24: United States, 2000–2018

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Abstract

Objectives—This report presents suicide death rates among persons aged 10–24 for the United States and by state for 2000 through 2018 and percent change between 3-year periods of 2007–2009 and 2016–2018. Suicide rates are compared among states for 2016–2018.

Methods—Data are from death certificates from all 50 states and the District of Columbia. Suicide rates among persons aged 10–24 per 100,000 population are computed for each year from 2000 through 2018 for the states and years where sufficient cases existed to produce reliable rates. Percent change between 3-year averages of suicide rates for 2007–2009 and 2016–2018 are computed for each area except the District of Columbia. Suicide rates for 2016–2018 are compared among states.

Results—Nationally, the suicide rate among persons aged 10–24 was statistically stable from 2000 to 2007 and then increased 57.4%, from 6.8 per 100,000 in 2007 to 10.7 in 2018. Between 2007–2009 and 2016–2018, suicide rates increased significantly in 42 states, increased nonsignificantly in 8 states, and were not possible to assess in the District of Columbia due to small numbers. Significant increases ranged from 21.7% in Maryland to a more than doubling of the rate in New Hampshire. In 2016–2018, suicide rates for persons aged 10–24 were highest in Alaska, while some of the lowest rates in the country were among states in the Northeast.

Keywords: intentional self-harm • underlying cause of death • National Vital Statistics System

Introduction

Youth suicide has become an increasingly prominent public health issue (1,2). Recent research has documented increases from 2005 to 2017 in serious psychological distress, major depression, and suicidal thoughts and attempts among

adolescents and young adults (3). A recent report from the National Center for Health Statistics found that the suicide death rate among persons aged 10–24 increased 56% from 2007 through 2017 (1). This report extends the previous analysis of deaths by suicide among youth aged 10–24 by including rates for 2018, the latest year for which final mortality data are available, and by presenting suicide numbers and rates for persons aged 10–24 by state where it is possible to provide a statistically reliable rate, from 2000 through 2018. Three-year averages of suicide rates for 2007–2009 are compared with those for 2016–2018 for all states.

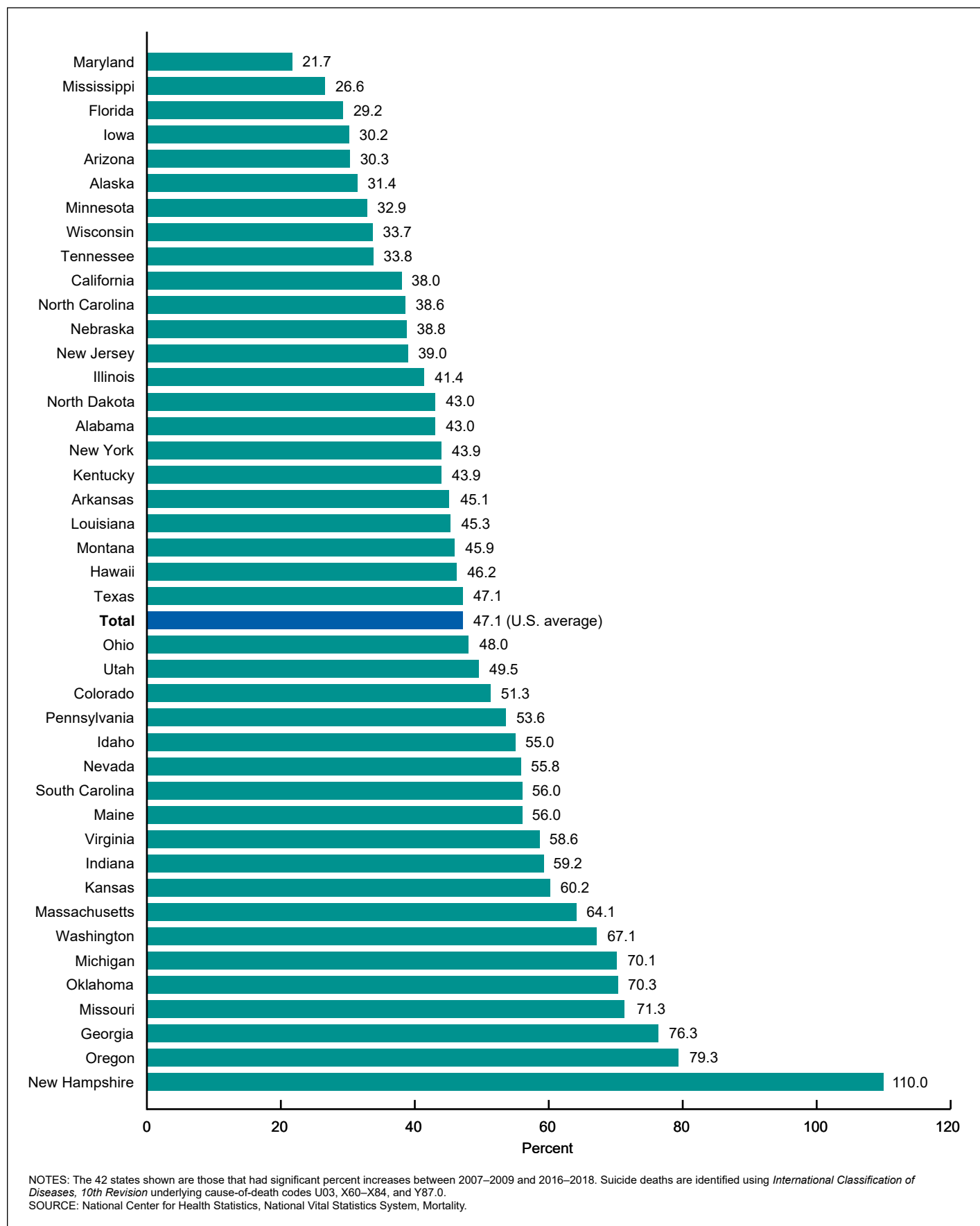
Data Source and Methods

Mortality data are from the National Center for Health Statistics' 2000–2018 multiple cause-of-death mortality files (4). Deaths to persons aged 10–24 that were assigned an *International Classification of Diseases, 10th Revision* (5) underlying cause-of-death code for suicide (U03, X60–X84, and Y87.0) were selected. Data are based on 100% of resident deaths registered in the United States.

Rates and significance testing

The suicide rate is the number of deaths due to suicide to persons aged 10–24 per 100,000 population aged 10–24. Numbers are presented for the areas and years in which suicides numbered at least 10, and rates are computed when suicides numbered at least 20. The District of Columbia had fewer than 10 suicides to persons aged 10–24 for each year of the period, and thus their numbers and rates are suppressed for every year. Population data for 2000 and 2010 are April 1 bridged-race census counts, for 2001–2009 they are July 1 intercensal estimates, and for 2011–2018 they are July 1 postcensal estimates based on the 2010 census.



Figure 1. Percent increase in suicide death rates among persons aged 10–24 years: United States and selected states, 2007–2009 to 2016–2018

Due to small (fewer than 20) single-year numbers in some areas, 3-year averages of suicide rates were computed for the periods 2007–2009 and 2016–2018 to facilitate comparisons in those areas. All of the changes in rates noted in the text were tested for statistical significance. The percent change between 2007–2009 and 2016–2018 was tested using the z test statistic at an alpha level of 0.05 when both rates were based on 100 or more births or a comparison of the 95% confidence limits for rates where one or both were based on fewer than 100 deaths to determine if the limits overlap. More detail on statistical significance tests are published elsewhere (6).

Results

Trends in suicide rates

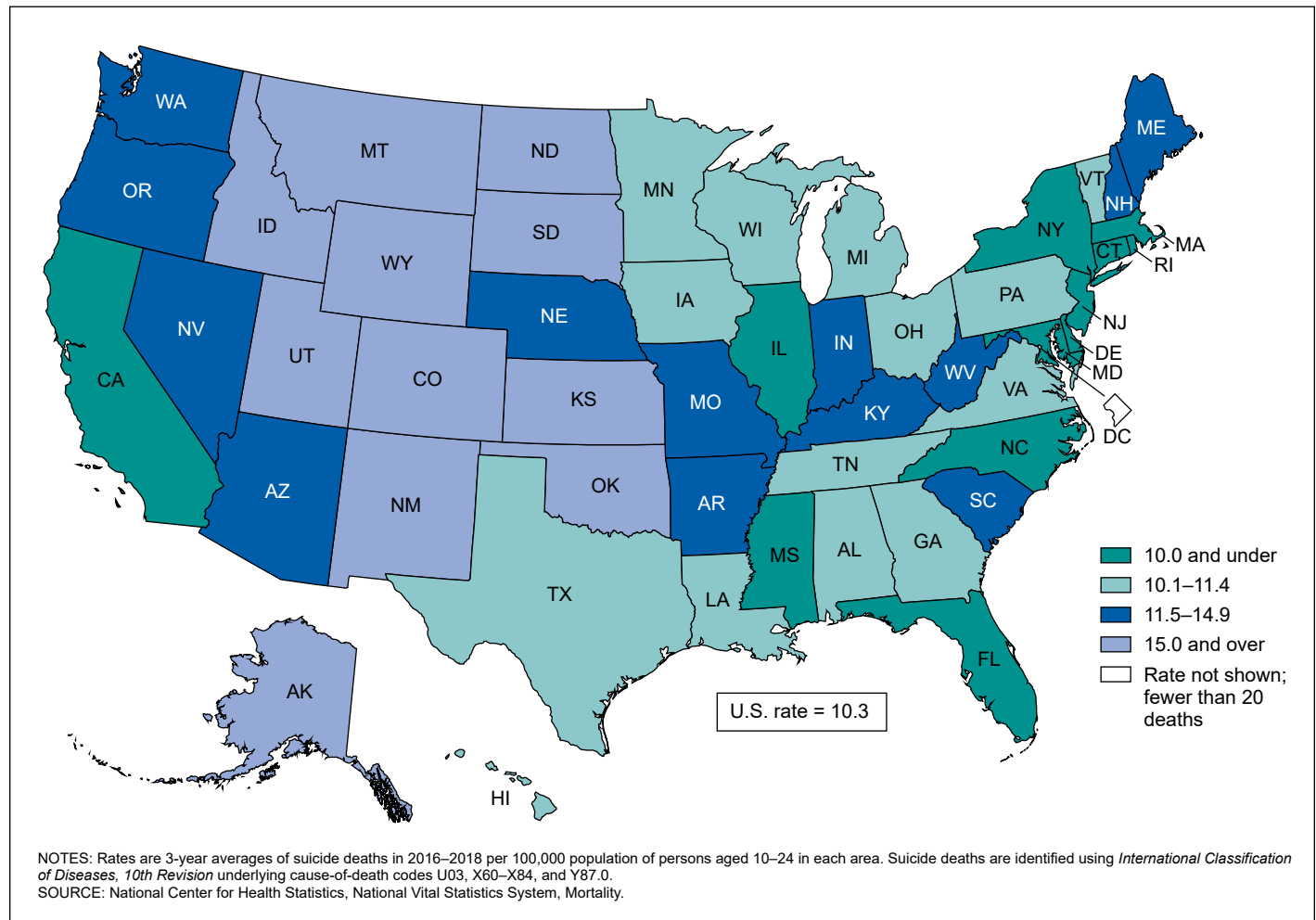
After a period of stability from 2000 to 2007 as shown previously (1), the suicide rate among adolescents and young adults aged 10–24 in the United States increased 57.4% from 6.8 per 100,000 in 2007 to 10.7 in 2018 (Table). When examining the change in rates between 3-year averages of the periods 2007–2009 (7.0) and 2016–2018 (10.3), the national percentage increase was 47.1%. From 2007–2009 to 2016–2018, suicide

rates increased significantly in 42 states. Nonsignificant increases occurred in 8 states. Due to small numbers, trends were not possible to assess in the District of Columbia. Significant increases ranged from 21.7% in Maryland (from 6.0 in 2007–2009 to 7.3 in 2016–2018) to a more than doubling of the rate in New Hampshire (from 7.0 to 14.7) (Figure 1). The majority of states, 32 in total, had significant increases of between 30%–60%.

State comparisons in suicide rates for 2016–2018

The 2016–2018 suicide rate among persons aged 10–24 was highest for Alaska (31.4 per 100,000) (Figure 2). Other states with among the highest suicide rates were South Dakota (23.6), Montana (23.2), Wyoming (20.5), and New Mexico (19.6). The lowest suicide rates were among states in the Northeast: New Jersey (5.7), Rhode Island (5.9), New York (5.9), Connecticut (6.3), and Massachusetts (6.4). Despite having among the lowest rates, New Jersey had a 39.0% increase between 2007–2009 and 2016–2018, New York had an increase of 43.9%, and Massachusetts had an increase of 64.1%.

Figure 2. Suicide death rates for persons aged 10–24: United States, 2016–2018



Summary

Between 2007 and 2018, the national suicide rate among persons aged 10–24 increased 57.4%. The increase was broad, as it was experienced by the majority of states. Forty-two states had significant increases in their suicide rates between 2007–2009 and 2016–2018, and eight states had nonsignificant increases. Most states had increases of between 30%–60%. Suicide rates in 2016–2018 were highest in Alaska and lowest in New Jersey.

A limitation of this report is that the small number of suicides to persons aged 10–24 in some states in a given year can make it difficult to evaluate changes in rates between years. Three-year averages in rates were computed for 2007–2009 and 2016–2018 to facilitate comparisons in areas where single-year comparisons were not possible. Even using 3-year averages, some areas had relatively small numbers, which can result in a lack of the statistical power needed to achieve statistical significance even when the percent change between rates is relatively large. For example, the suicide rate for Delaware increased 48.4% between 2007–2009 and 2016–2018, from 6.2 to 9.2 per 100,000, a percentage increase that was higher than the national average and among the top one-half of percentage increases among states. However, the Delaware rates are based on a relatively small number of deaths for both 3-year periods (34 and 49, respectively), and therefore the increase was not statistically significant. Accordingly, assessment of changes by state should take into account the number of deaths and indications of statistical significance presented in the Table and Figure 1.

References

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Detailed Table

Suicide death rates among persons aged 10–24: United States, each state and the District of Columbia, 2000–2018 and 3-year averages for 2007–2009 and 2016–2018 5

Table. Suicide death rates among persons aged 10–24: United States, each state and the District of Columbia, 2000–2018 and 3-year averages for 2007–2009 and 2016–2018

[Rates per 100,000 population enumerated as of April 1 for 2000 and 2010, and estimated as of July 1 for all other years]

Area	Year																			2007– 2009	2016– 2018	Percent change between 2007–2009 and 2016–2018
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			
Total																						
Number	4,294	4,243	4,270	4,232	4,599	4,482	4,405	4,320	4,513	4,630	4,867	5,104	5,178	5,264	5,515	5,900	6,159	6,769	6,807	13,463	19,735	...
Rate	7.2	6.9	6.9	6.7	7.3	7.0	6.9	6.8	7.0	7.2	7.6	7.9	8.0	8.1	8.5	9.2	9.6	10.6	10.7	7.0	10.3	†47.1
Alabama																						
Number	75	69	68	65	87	67	88	77	80	77	82	83	75	84	74	93	98	109	116	234	323	...
Rate	7.9	7.2	7.0	6.7	8.9	6.8	8.9	7.8	8.0	7.7	8.2	8.3	7.5	8.5	7.5	9.6	10.2	11.4	12.2	7.9	11.3	†43.0
Alaska																						
Number	51	28	33	35	47	31	44	33	45	37	51	36	38	44	39	60	53	47	45	115	145	...
Rate	35.0	18.4	21.0	22.0	29.0	19.1	27.1	20.6	28.3	23.7	32.4	22.6	23.7	27.0	24.1	37.6	34.1	31.1	30.2	24.2	31.8	†31.4
Arizona																						
Number	135	114	142	136	140	163	165	140	130	125	144	156	143	139	153	170	160	179	212	395	551	...
Rate	12.0	9.9	12.0	11.3	11.4	12.9	12.8	10.6	9.7	9.3	10.6	11.4	10.4	10.0	10.9	12.1	11.3	12.6	14.7	9.9	12.9	†30.3
Arkansas																						
Number	54	50	59	43	40	62	45	42	61	59	58	62	67	74	69	61	68	96	74	162	238	...
Rate	9.4	8.6	10.1	7.3	6.8	10.5	7.6	7.1	10.3	9.9	9.7	10.3	11.1	12.2	11.4	10.1	11.3	16.0	12.3	9.1	13.2	†45.1
California																						
Number	344	338	346	394	449	388	424	389	409	418	468	466	432	486	444	506	517	561	546	1,216	1,624	...
Rate	4.6	4.4	4.4	5.0	5.6	4.8	5.2	4.8	5.0	5.1	5.7	5.7	5.3	6.0	5.5	6.3	6.5	7.1	7.0	5.0	6.9	†38.0
Colorado																						
Number	96	108	113	87	114	142	120	94	116	139	125	122	140	143	150	183	180	192	205	349	577	...
Rate	10.4	11.2	11.5	8.8	11.5	14.3	12.0	9.4	11.5	13.7	12.2	11.8	13.4	13.5	13.9	16.7	16.3	17.5	18.5	11.5	17.4	†51.3
Connecticut																						
Number	34	39	26	24	40	35	36	33	42	43	39	43	38	32	46	38	37	56	41	118	134	...
Rate	5.3	5.9	3.8	3.5	5.7	4.9	5.0	4.6	5.8	6.0	5.4	6.0	5.3	4.4	6.3	5.3	5.2	7.9	5.8	5.5	6.3	14.5
Delaware																						
Number	††	15	12	12	††	††	14	10	12	12	13	20	19	15	††	21	13	14	22	34	49	...
Rate	*	*	*	*	*	*	*	*	*	*	*	10.9	*	*	*	11.7	*	*	12.5	6.2	9.2	48.4
District of Columbia																						
Number	††	††	††	††	††	††	††	††	††	††	††	††	††	††	††	††	††	††	††	13	19	...
Rate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Florida																						
Number	199	209	207	199	225	231	208	233	232	238	228	255	284	251	288	303	286	310	320	703	916	...
Rate	6.6	6.7	6.4	6.0	6.6	6.6	5.9	6.5	6.5	6.6	6.4	7.1	7.8	6.9	7.9	8.4	7.9	8.5	8.7	6.5	8.4	†29.2

See footnotes at end of table.

Table. Suicide death rates among persons aged 10–24: United States, each state and the District of Columbia, 2000–2018 and 3-year averages for 2007–2009 and 2016–2018—Con.

[Rates per 100,000 population enumerated as of April 1 for 2000 and 2010, and estimated as of July 1 for all other years]

Area	Year																			2007– 2009	2016– 2018	Percent change between 2007–2009 and 2016–2018
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			
Georgia																						
Number	143	149	111	135	143	116	105	108	124	132	152	133	137	163	153	198	233	213	229	364	675	...
Rate	8.0	8.0	5.9	7.1	7.3	5.9	5.3	5.3	6.0	6.4	7.3	6.3	6.4	7.6	7.1	9.2	10.8	9.8	10.5	5.9	10.4	†76.3
Hawaii																						
Number	19	24	13	17	16	11	25	16	19	27	31	38	25	31	29	41	31	35	21	62	87	...
Rate	*	9.4	*	*	*	*	9.3	*	*	10.3	11.8	14.4	9.4	11.6	10.8	15.3	12.0	13.8	8.4	7.8	11.4	†46.2
Idaho																						
Number	35	47	33	36	34	31	35	47	39	36	38	50	59	48	53	56	56	59	87	122	202	...
Rate	11.3	14.8	10.3	11.1	10.4	9.4	10.5	13.9	11.5	10.6	11.2	14.5	17.1	13.8	15.2	15.9	15.7	16.3	23.5	12.0	18.6	†55.0
Illinois																						
Number	155	172	168	131	160	139	135	173	144	151	151	182	160	180	187	211	184	235	201	468	620	...
Rate	5.8	6.4	6.2	4.8	5.9	5.1	5.0	6.4	5.3	5.6	5.6	6.8	6.0	6.8	7.1	8.1	7.2	9.3	8.1	5.8	8.2	†41.4
Indiana																						
Number	112	98	104	80	99	114	98	104	94	115	107	95	127	127	128	137	157	165	179	313	501	...
Rate	8.5	7.3	7.7	5.9	7.2	8.3	7.1	7.6	6.8	8.3	7.8	6.9	9.2	9.1	9.2	9.9	11.4	12.0	13.0	7.6	12.1	†59.2
Iowa																						
Number	49	64	54	58	59	57	57	47	56	61	52	58	65	65	70	78	67	79	72	164	218	...
Rate	7.6	9.9	8.3	8.9	9.0	8.8	8.8	7.4	8.8	9.6	8.2	9.1	10.2	10.1	10.8	12.0	10.3	12.1	11.1	8.6	11.2	†30.2
Kansas																						
Number	53	63	65	47	60	48	52	63	68	48	62	70	84	59	61	70	79	99	111	179	289	...
Rate	8.8	10.3	10.5	7.6	9.7	7.8	8.4	10.3	11.2	7.9	10.2	11.4	13.7	9.5	9.8	11.2	12.8	16.1	18.1	9.8	15.7	†60.2
Kentucky																						
Number	72	60	73	81	75	62	75	77	58	79	62	76	97	92	76	105	103	92	114	214	309	...
Rate	8.5	6.9	8.4	9.3	8.6	7.1	8.6	8.9	6.7	9.1	7.1	8.7	11.0	10.4	8.6	12.0	11.8	10.5	13.0	8.2	11.8	†43.9
Louisiana																						
Number	79	73	90	81	92	96	72	79	79	61	74	81	69	83	92	96	101	98	103	219	302	...
Rate	7.6	7.0	8.6	7.7	8.7	9.2	7.5	8.2	8.2	6.3	7.6	8.3	7.1	8.6	9.6	10.1	10.8	10.6	11.3	7.5	10.9	†45.3
Maine																						
Number	28	26	18	15	28	14	14	31	17	16	26	26	23	30	31	21	36	24	30	64	90	...
Rate	11.1	10.2	*	*	10.7	*	*	12.1	*	*	10.5	10.6	9.5	12.6	13.2	9.0	15.6	10.5	13.3	8.4	13.1	†56.0
Maryland																						
Number	81	68	81	80	64	67	76	70	65	76	65	69	76	86	80	64	73	85	93	211	251	...
Rate	7.6	6.2	7.2	7.0	5.5	5.7	6.4	5.9	5.5	6.5	5.5	5.9	6.5	7.4	6.8	5.5	6.3	7.4	8.2	6.0	7.3	†21.7

See footnotes at end of table.

Table. Suicide death rates among persons aged 10–24: United States, each state and the District of Columbia, 2000–2018 and 3-year averages for 2007–2009 and 2016–2018—Con.

[Rates per 100,000 population enumerated as of April 1 for 2000 and 2010, and estimated as of July 1 for all other years]

Area	Year																			2007– 2009	2016– 2018	Percent change between 2007–2009 and 2016–2018
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			
Massachusetts																						
Number	56	58	56	51	52	56	46	54	48	55	81	72	80	84	65	82	90	86	82	157	258	...
Rate	4.5	4.5	4.3	3.9	3.9	4.2	3.5	4.0	3.6	4.1	6.0	5.4	6.0	6.3	4.8	6.1	6.7	6.4	6.1	3.9	6.4	†64.1
Michigan																						
Number	138	143	150	132	148	140	124	138	146	143	182	169	199	196	211	209	217	212	251	427	680	...
Rate	6.5	6.6	6.9	6.0	6.7	6.4	5.7	6.4	6.9	6.8	8.7	8.1	9.6	9.5	10.3	10.3	10.8	10.7	12.8	6.7	11.4	†70.1
Minnesota																						
Number	76	87	92	95	92	105	89	86	90	92	93	101	95	101	119	116	111	123	120	268	354	...
Rate	7.1	8.0	8.3	8.5	8.2	9.4	8.0	7.8	8.2	8.5	8.6	9.4	8.9	9.4	11.0	10.7	10.2	11.3	11.0	8.2	10.9	†32.9
Mississippi																						
Number	54	54	61	41	52	57	38	51	57	46	40	46	44	48	48	68	58	62	66	154	186	...
Rate	8.1	8.1	9.1	6.1	7.8	8.6	5.8	7.8	8.8	7.1	6.2	7.1	6.8	7.5	7.5	10.8	9.3	10.0	10.7	7.9	10.0	†26.6
Missouri																						
Number	104	115	89	93	100	98	111	100	126	96	106	123	122	118	122	140	170	182	185	322	537	...
Rate	8.7	9.4	7.2	7.5	8.0	7.8	8.9	8.0	10.2	7.8	8.6	10.0	9.9	9.6	10.0	11.5	14.1	15.2	15.5	8.7	14.9	†71.3
Montana																						
Number	26	21	29	29	27	35	30	23	33	39	34	28	25	42	37	33	47	47	46	95	140	...
Rate	13.1	10.4	14.2	14.1	13.1	17.0	14.6	11.4	16.5	19.8	17.4	14.2	12.7	21.0	18.4	16.4	23.5	23.5	22.8	15.9	23.2	†45.9
Nebraska																						
Number	41	31	27	32	36	30	46	34	36	28	26	27	38	30	40	50	49	53	40	98	142	...
Rate	10.7	8.0	6.9	8.1	9.1	7.6	11.7	8.8	9.4	7.3	6.8	7.0	9.9	7.7	10.1	12.5	12.2	13.2	9.9	8.5	11.8	†38.8
Nevada																						
Number	43	38	42	62	40	58	64	48	52	38	49	67	39	50	58	63	65	80	78	138	223	...
Rate	10.8	9.0	9.6	13.7	8.4	11.8	12.5	9.1	9.7	7.0	9.0	12.3	7.1	9.1	10.5	11.4	11.8	14.4	13.9	8.6	13.4	†55.8
New Hampshire																						
Number	13	29	25	22	18	17	12	16	17	23	22	27	18	21	32	20	32	42	37	56	111	...
Rate	*	11.3	9.5	8.2	*	*	*	*	*	8.7	8.4	10.3	*	8.1	12.4	7.8	12.6	16.6	14.7	7.0	14.7	†110.0
New Jersey																						
Number	65	65	53	65	84	75	65	77	66	68	92	85	93	88	94	95	81	108	102	211	291	...
Rate	4.1	4.0	3.2	3.9	4.9	4.4	3.8	4.5	3.8	3.9	5.3	4.9	5.4	5.1	5.4	5.5	4.8	6.3	6.1	4.1	5.7	†39.0
New Mexico																						
Number	67	44	55	59	84	70	68	67	78	75	62	63	67	62	70	80	59	99	90	220	248	...
Rate	16.2	10.4	12.8	13.6	19.2	16.0	15.6	15.4	18.0	17.4	14.3	14.5	15.4	14.3	16.2	18.7	13.9	23.4	21.4	16.9	19.6	16.0

See footnotes at end of table.

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[Rates per 100,000 population enumerated as of April 1 for 2000 and 2010, and estimated as of July 1 for all other years]

Area	Year																			2007– 2009	2016– 2018	Percent change between 2007–2009 and 2016–2018
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			
New York																						
Number	182	179	194	161	179	173	152	153	154	190	189	230	219	187	205	191	224	218	213	497	655	...
Rate	4.7	4.5	4.9	4.0	4.5	4.3	3.8	3.8	3.9	4.8	4.7	5.8	5.6	4.8	5.3	5.0	5.9	5.8	5.9	4.1	5.9	†43.9
North Carolina																						
Number	129	144	95	142	140	121	151	123	141	139	138	149	154	145	176	165	188	200	202	403	590	...
Rate	7.7	8.4	5.4	8.1	7.8	6.7	8.1	6.5	7.4	7.2	7.1	7.5	7.7	7.2	8.7	8.1	9.3	9.8	9.9	7.0	9.7	†38.6
North Dakota																						
Number	17	10	11	21	20	30	28	18	16	23	28	19	22	36	31	13	28	32	28	57	88	...
Rate	*	*	*	13.6	12.8	19.3	18.0	*	*	15.7	19.1	*	14.4	22.5	19.0	*	17.2	20.2	17.7	12.8	18.3	†43.0
Ohio																						
Number	151	165	168	139	199	187	183	178	202	157	193	211	197	180	197	224	215	268	271	537	754	...
Rate	6.4	6.8	6.9	5.7	8.2	7.7	7.6	7.5	8.5	6.6	8.2	9.0	8.4	7.7	8.5	9.7	9.4	11.8	12.0	7.5	11.1	†48.0
Oklahoma																						
Number	73	71	81	75	78	73	74	62	78	73	81	93	117	88	109	105	130	138	108	213	376	...
Rate	9.5	9.1	10.3	9.5	9.9	9.3	9.4	7.9	10.0	9.3	10.3	11.7	14.6	10.9	13.5	12.9	16.1	17.1	13.4	9.1	15.5	†70.3
Oregon																						
Number	79	49	63	63	70	62	74	59	64	61	54	74	74	92	97	90	98	107	129	184	334	...
Rate	11.0	6.7	8.5	8.4	9.4	8.3	9.9	7.9	8.5	8.1	7.2	9.8	9.8	12.2	12.9	12.0	13.0	14.1	16.9	8.2	14.7	†79.3
Pennsylvania																						
Number	173	164	197	191	179	177	185	174	171	185	231	207	207	226	192	219	242	268	256	530	766	...
Rate	7.0	6.6	7.8	7.5	7.0	6.9	7.2	6.7	6.6	7.2	9.0	8.1	8.2	9.0	7.8	9.0	10.0	11.2	10.8	6.9	10.6	†53.6
Rhode Island																						
Number	13	16	11	††	15	11	††	11	††	15	12	12	††	††	16	15	12	18	7	35	37	...
Rate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.1	5.9	15.7
South Carolina																						
Number	53	58	51	46	67	76	61	54	89	70	81	82	75	88	94	96	111	108	122	213	341	...
Rate	6.1	6.5	5.7	5.1	7.3	8.3	6.6	5.8	9.4	7.3	8.4	8.5	7.8	9.1	9.7	9.9	11.5	11.1	12.5	7.5	11.7	†56.0
South Dakota																						
Number	22	26	24	22	28	27	32	27	36	43	35	29	25	38	32	44	36	45	44	106	125	...
Rate	12.6	14.8	13.6	12.4	15.8	15.4	18.3	15.7	21.1	25.3	20.7	17.0	14.7	21.9	18.3	25.2	20.4	25.6	24.7	20.7	23.6	14.0
Tennessee																						
Number	101	89	74	86	103	92	98	86	103	117	111	91	97	116	128	131	134	142	139	306	415	...
Rate	8.6	7.4	6.1	7.0	8.3	7.4	7.8	6.8	8.1	9.2	8.7	7.1	7.5	8.9	9.8	10.0	10.3	10.9	10.7	8.0	10.7	†33.8

See footnotes at end of table.

Table. Suicide death rates among persons aged 10–24: United States, each state and the District of Columbia, 2000–2018 and 3-year averages for 2007–2009 and 2016–2018—Con.

[Rates per 100,000 population enumerated as of April 1 for 2000 and 2010, and estimated as of July 1 for all other years]

Area	Year																			2007– 2009	2016– 2018	Percent change between 2007–2009 and 2016–2018
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018			
Texas																						
Number	372	354	345	372	355	390	371	365	345	442	420	426	452	449	492	504	570	662	635	1,152	1,867	...
Rate	7.7	7.2	6.8	7.3	6.8	7.4	7.0	6.8	6.3	8.0	7.5	7.5	7.9	7.7	8.3	8.4	9.5	10.9	10.4	7.0	10.3	†47.1
Utah																						
Number	66	65	61	80	66	66	60	71	78	71	78	77	87	95	109	123	111	135	133	220	379	...
Rate	10.4	10.0	9.4	12.3	10.2	10.2	9.2	10.8	11.8	10.6	11.5	11.1	12.4	13.3	15.1	16.7	14.8	17.8	17.1	11.1	16.6	†49.5
Vermont																						
Number	12	12	11	10	††	††	††	12	11	††	13	17	††	15	23	15	11	14	13	30.0	38.0	...
Rate	*	*	*	*	*	*	*	*	*	*	*	*	*	*	18.3	*	*	*	*	7.7	10.3	33.8
Virginia																						
Number	87	108	96	109	102	104	109	101	133	108	102	141	134	133	149	152	175	170	203	342	548	...
Rate	6.0	7.2	6.3	7.0	6.4	6.5	6.7	6.2	8.2	6.6	6.2	8.6	8.1	8.0	9.0	9.2	10.6	10.3	12.3	7.0	11.1	†58.6
Washington																						
Number	97	90	102	106	109	105	122	106	108	119	122	130	143	136	136	161	164	207	195	333	566	...
Rate	7.7	7.0	7.8	8.0	8.2	7.9	9.1	7.9	8.0	8.7	9.0	9.5	10.4	9.9	9.9	11.7	11.9	15.0	14.0	8.2	13.7	†67.1
West Virginia																						
Number	34	20	51	36	41	32	22	33	30	29	22	38	42	26	48	30	34	33	46	92	113	...
Rate	9.4	5.5	14.1	10.0	11.4	9.0	6.3	9.5	8.7	8.4	6.4	10.9	12.1	7.5	14.0	8.9	10.2	10.1	14.2	8.8	11.5	†30.7
Wisconsin																						
Number	109	100	112	103	111	104	71	110	80	104	113	124	108	107	127	122	143	126	114	294	383	...
Rate	9.3	8.4	9.3	8.5	9.2	8.6	5.9	9.2	6.8	8.9	9.7	10.7	9.4	9.3	11.0	10.5	12.4	11.0	10.0	8.3	11.1	33.7
Wyoming																						
Number	12	17	24	19	12	17	13	15	20	19	26	19	22	23	22	27	18	27	25	54	70	...
Rate	*	*	20.8	*	*	*	*	*	17.4	*	22.7	*	18.9	19.5	18.7	23.2	*	23.9	22.0	15.6	20.5	†31.4

... Category not applicable.

† Difference in rates is statistically significant at $p < 0.05$.

†† Number of deaths fewer than 10.

* Estimate does not meet National Center for Health Statistics standards of reliability or precision; based on fewer than 20 deaths in the numerator.

SOURCE: National Center for Health Statistics, National Vital Statistics System, Mortality.

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National Vital Statistics Reports, Vol. 69, No. 11, September 11, 2020

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Suggested citation

Curtin SC. State suicide rates among adolescents and young adults aged 10-24: United States, 2000-2018. National Vital Statistics Reports; vol 69 no 11. Hyattsville, MD: National Center for Health Statistics. 2020.

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