

## Rate, Number, and Ranking of Suicide for Each U.S.A. State, \* 2015

Rank	State [Division / Region]	Deaths	Rate	Division [Abbreviation]	Rate	Number
1	Alaska [P / West]	201	27.2	Mountain [M]	20.6	4,845
2	Wyoming [M / West]	157	26.8	East South Central [ESC]	16.0	3,025
3	Montana [M / West]	272	26.3	West North Central [WNC]	15.2	3,212
4	New Mexico [M / West]	500	24.0	West South Central [WSC]	14.1	5,492
5	Idaho [M / West]	359	21.7	South Atlantic [SA]	14.0	8,837
6	Utah [M / West]	630	21.0	<b>Nation</b>	<b>13.8</b>	<b>44,193</b>
7	Oklahoma [WSC / South]	790	20.2	East North Central [ENC]	13.4	6,260
7	South Dakota [WNC / Midwest]	173	20.2	Pacific [P]	12.3	6,468
9	Colorado [M / West]	1,093	20.0	New England [NE]	11.7	1,719
10	Arkansas [WSC / South]	577	19.4	Middle Atlantic [MA]	10.4	4,335
11	Nevada [M / West]	558	19.3			
12	Oregon [P / West]	762	18.9	<b>Region [Subdivision Abbreviations]</b>	<b>Rate</b>	<b>Number</b>
13	Arizona [M / West]	1,276	18.7	West (M, P)	14.9	11,313
14	West Virginia [SA / South]	340	18.4	South (ESC, WSC, SA)	14.3	17,354
15	Maine [NE / Northeast]	235	17.7	Midwest (WNC, ENC)	14.0	9,472
16	Kentucky [ESC / South]	776	17.5	<b>Nation</b>	<b>13.8</b>	<b>44,193</b>
17	Missouri [WNC / Midwest]	1,052	17.3	Northeast (NE, MA)	10.8	6,054
18	New Hampshire [NE / Northeast]	228	17.1			
19	Vermont [NE / Northeast]	103	16.5			
20	Kansas [WNC / Midwest]	477	16.4			
20	North Dakota [WNC / Midwest]	124	16.4			
22	Tennessee [ESC / South]	1,068	16.2			
23	Washington [P / West]	1,137	15.9			
24	Florida [SA / South]	3,205	15.8			
25	Louisiana [WSC / South]	722	15.5			
26	Alabama [ESC / South]	750	15.4			
27	Wisconsin [ENC / Midwest]	877	15.2			
27	South Carolina [SA / South]	742	15.2			
29	Pennsylvania [MA / Northeast]	1,894	14.8			
30	Indiana [ENC / Midwest]	960	14.5			
31	Mississippi [ESC / South]	431	14.4			
32	Michigan [ENC / Midwest]	1,410	14.2			
32	Ohio [ENC / Midwest]	1,650	14.2			
34	Hawaii [P / West]	201	14.0			
35	North Carolina [SA / South]	1,406	14.0			
36	Iowa [WNC / Midwest]	433	13.9			
	<b>Nation</b>	<b>44,193</b>	<b>13.8</b>			
37	Virginia [SA / South]	1,118	13.3			
37	Minnesota [WNC / Midwest]	730	13.3			
39	Delaware [SA / South]	122	12.9			
39	Georgia [SA / South]	1,317	12.9			
41	Texas [WSC / South]	3,403	12.4			
42	Rhode Island [NE / Northeast]	127	12.0			
43	Nebraska [WNC / Midwest]	223	11.8			
44	Connecticut [NE / Northeast]	384	10.7			
44	California [P / West]	4,167	10.7			
46	Illinois [ENC / Midwest]	1,363	10.6			
47	Massachusetts [NE / Northeast]	642	9.5			
48	Maryland [SA / South]	553	9.2			
49	New Jersey [MA / Northeast]	789	8.8			
50	New York [MA / Northeast]	1,652	8.4			
51	District of Columbia [SA / South]	34	5.1			

Source: Obtained 22 December 2016 from CDC/NCHS's *Mortality in the United States: 2015* Public Use File and Web Tables (released and accessed 8 December 2016; Table 19) (to appear in *Deaths: Final Data for 2015*, forthcoming) <http://www.cdc.gov/nchs/products/nvsr.htm> [Note: Divisional and regional figures were calculated from state data.] Some figures derived or calculated from data at the CDC's WISQARS Fatal Injuries Report site downloaded 22 December 2016: [http://www.cdc.gov/injury/wisqars/fatal\\_injury\\_reports.html](http://www.cdc.gov/injury/wisqars/fatal_injury_reports.html).

[data are by place of residence]  
[Suicide = ICD-10 Codes X60-X84, Y87.0, U03]

Note: All rates are per 100,000 population.

\* Including the District of Columbia.

Suicide State Data Page: 2015  
23 December 2016

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*“to understand and prevent suicide  
as a means of promoting human well-being”*

Visit the AAS website at:

<http://www.suicidology.org>

For other suicide data, and an archive of state data, visit the website below and click on the dropdown “Suicide Stats” menu:

<http://pages.iu.edu/~jmcintos/>

*Caution: Annual fluctuations in state levels combined with often relatively small populations can make these data highly variable. The use of several years' data is preferable to conclusions based on single years alone.*

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# U.S.A. SUICIDE: 2015 OFFICIAL FINAL DATA

	Number	Per Day	Rate	% of Deaths	Group (Number of Suicides)	Rate
Nation	44,193	121.1	13.8	1.6	White Male (30,658)	24.6
Males	33,994	93.1	21.5	2.5	White Female (9,138)	7.2
Females	10,199	27.9	6.3	0.8	Nonwhite Male (3,336)	10.0
Whites	39,796	109.0	15.8	1.7	Nonwhite Female (1,061)	2.9
Nonwhites	4,397	12.1	6.3	1.1	Black Male (2,023)	9.4
Blacks	2,504	6.9	5.6	0.8	Black Female (481)	2.1
Elderly (65+ yrs.)	7,912	21.7	16.6	0.4	Hispanic (3,303)	5.8
Young (15-24 yrs.)	5,491	15.0	12.5	18.0	Native Americans (577)	12.6
Middle Aged (45-64 yrs.)	16,490	45.2	19.6	3.1	Asian/Pacific Islanders (1,316)	6.6

**Fatal Outcomes (Suicides):** a minimal rate increase was seen from 2014 to 2015, continuing the recent rate increases after long-term trends of decline

- Average of 1 person every 11.9 minutes killed themselves
- Average of 1 old person every 1 hour and 6 minutes killed themselves
- Average of 1 young person every 1 hour and 36 minutes killed themselves (If the 413 suicides below age 15 are included, 1 young person every 1 hour and 29 minutes)

10th ranking cause of death in U.S. — 2nd for young >> **Leading Causes of Death 15-24 yrs**

Cause	Number	Rate
All Causes	30,494	69.5
1-Accidents	12,514	28.5
2-Suicide	5,491	12.5
3-Homicide	4,733	10.8

**Nonfatal Outcomes (Attempt Survivors)** (figures are estimates):

- 1,104,825 annual attempts in U.S. (using 25:1 ratio), 2015 SAMHSA study: 1.4 million adults (18 and up)
- Translates to one attempt every 29 seconds (based on 1,104,825 attempts) [1.4 million = 1 every 23 seconds]
- 25 attempts for every death by suicide for nation (one estimate); 100-200:1 for young; 4:1 for elderly
- 3 female attempts for each male attempt

**Suicide Loss Survivors (those bereaved of suicide):** † (figures are estimates)

- Recent (Cerel, 2015) research-based estimate suggests that for each death by suicide → 147 people are **exposed** (6.5 million annually); among those, more than 6 **experience a major life disruption (loss survivors)**; a low, non-research based estimate see Cerel et al. 2015)
- **If each suicide has devastating effects and intimately affects > 6 other people, there are over 250,000 loss survivors a year**
- Based on the 851,660 suicides from 1991 through 2015, therefore, the number of **survivors of suicide loss** in the U.S. is more than 5.1 million (1 of every 63 Americans in 2015); number grew by more than 265,158 in 2015
- If there is a suicide every 11.9 minutes, then there are more than 6 new loss survivors every 11.9 minutes as well

Suicide Methods	Number	Rate	Percent of Total		Number	Rate	Percent of Total
Firearm suicides (1st)	22,018	6.9	49.8%	All but Firearms	22,175	6.9	50.2%
Suffocation/Hanging (2nd)	11,855	3.7	26.8%	Poisoning (3rd)	6,816	2.1	15.4%
Cut/pierce (5th)	763	0.2	1.7%	Drowning (7th)	509	0.2	1.2%

U.S.A. Suicide Rates 2005-2015 (Rates per 100,000 population)													15 Leading Causes of Death in the U.S.A., 2015 (total of 2,712,630 deaths; 844.0 rate)			
Group/ Age	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Group/ Age	Rank & Cause of Death	Rate	Deaths	
5-14	0.7	0.5	0.5	0.6	0.7	0.7	0.7	0.8	1.0	1.0	1.0	5-14	1 Diseases of heart (heart disease)	197.2	633,842	
15-24	10.0	9.9	9.7	10.0	10.1	10.5	11.0	11.1	11.1	11.6	12.5	15-24	2 Malignant neoplasms (cancer)	185.4	595,930	
25-34	12.4	12.3	13.0	12.9	12.8	14.0	14.6	14.7	14.8	15.1	15.7	25-34	3 Chronic lower respiratory diseases	48.2	155,041	
35-44	14.9	15.1	15.6	15.9	16.1	16.0	16.2	16.7	16.2	16.6	17.1	35-44	4 Accidents (unintentional injury)	45.6	146,571	
45-54	16.5	17.2	17.7	18.7	19.3	19.6	19.8	20.0	19.7	20.2	20.3	45-54	5 Cerebrovascular diseases (stroke)	43.7	140,323	
55-64	13.9	14.5	15.5	16.3	16.7	17.5	17.1	18.0	18.1	18.8	18.9	55-64	6 Alzheimer's disease	34.4	110,561	
65-74	12.6	12.6	12.6	13.9	14.0	13.7	14.1	14.0	15.0	15.6	15.3	65-74	7 Diabetes mellitus (diabetes)	24.7	79,535	
75-84	16.9	15.9	16.3	16.0	15.7	15.7	16.5	16.8	17.1	17.5	17.9	75-84	8 Influenza & pneumonia	17.8	57,062	
85+	16.9	15.9	15.6	15.6	15.6	17.6	16.9	17.8	18.6	19.3	19.4	85+	9 Nephritis, nephrosis (kidney disease)	15.5	49,959	
65+	14.7	14.2	14.3	14.8	14.8	14.9	15.3	15.4	16.1	16.6	16.6	65+	10 Suicide (Intentional Self-Harm)	13.8	44,193	
Total	11.0	11.1	11.5	11.8	12.0	12.4	12.7	12.9	13.0	13.4	13.8	Total	11 Septicemia	12.7	40,773	
Men	17.7	17.8	18.3	19.0	19.2	20.0	20.2	20.6	20.6	21.1	21.5	Men	12 Chronic liver disease and cirrhosis	12.6	40,326	
Women	4.5	4.6	4.8	4.9	5.0	5.2	5.4	5.5	5.7	6.0	6.3	Women	13 Essential hypertension and renal disease	10.0	32,200	
White	12.3	12.4	12.9	13.3	13.5	14.1	14.5	14.8	14.9	15.4	15.8	White	14 Parkinson's disease	8.7	27,972	
Nonwh	5.5	5.5	5.6	5.7	5.8	5.8	6.1	6.0	6.0	6.0	6.3	NonWh	15 Pneumonitis due to solids and liquids	6.2	19,803	
Black	5.1	4.9	4.9	5.2	5.1	5.1	5.3	5.5	5.4	5.5	5.6	Black	- All other causes (Residual; > 15)	167.6	538,539	
45-64	15.3	16.0	16.7	17.5	18.0	18.6	18.6	19.1	19.0	19.5	19.6	45-64	Homicide (ranks 16th)	5.5	17,793	

- Old made up 14.9% of 2015 population but 17.9% of the suicides • Young were 13.6% of 2015 population and 12.4% of the suicides • Middle Aged were 26.2% of the 2015 population but were 37.3% of the suicides • 1,257,085\* Years of Potential Life Lost Before Age 75 (40,478 of 44,193 suicides are below age 75)
- \* alternate YPLL figure (CDC): 1,260,329 using individual years in calculations rather than 10-year age groups as above.

Many figures appearing here are derived or calculated from data in the following **official data sources**: downloaded 22 December 2016 from CDC's website: <http://www.cdc.gov/nchs/products/nvsr.htm> and the multiple cause data file at [http://www.cdc.gov/nchs/data\\_access/Vitalstatsonline.htm](http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm). Some figures derived or calculated from data at the CDC's WISQARS Fatal Injuries Report site: [http://www.cdc.gov/injury/wisqars/fatal\\_injury\\_reports.html](http://www.cdc.gov/injury/wisqars/fatal_injury_reports.html), downloaded 22 Dec 2016.

SAMHSA 2015 study (2016): Center for Behavioral Health Statistics and Quality. (2016). *2015 National Survey on Drug Use and Health: Detailed Tables*. Substance Abuse and Mental Health Services Administration, Rockville, MD. Retrieved from <http://www.samhsa.gov/data/>

Cerel, J. (2015, April 18). *We are all connected in suicidology: The continuum of "survivorship"*. Plenary presentation at the 48<sup>th</sup> annual conference of the American Association of Suicidology, Atlanta GA. [data from Cerel, Brown, Maple, Bush, van de Venne, Moore, & Flaherty, under review, personal communication 23 Dec 2016]

† Cerel, J., McIntosh, J. L., Neimeyer, R. A., Maple, M., & Marshall, D. (2014). The continuum of "survivorship": Definitional issues in the aftermath of suicide. *Suicide & Life-Threatening Behavior*, 44(6), 591-600. doi:10.1111/sltb.12093

suicide rate = (number of suicides by group / population of group) X 100,000  
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