

U.S.A. SUICIDE: 2009 OFFICIAL FINAL DATA

	<u>Number</u>	<u>Per Day</u>	<u>Rate</u>	<u>% of Deaths</u>	<u>Group (Number of Suicides)</u>	<u>Rate</u>
Nation	36,909	100.8	12.0	1.5%	White Male (26,426).....	21.6
Males.....	29,089	79.5	19.2	2.4%	White Female (6,999)	5.6
Females	7,820	21.4	5.0	0.6%	Nonwhite Male (2,663).....	9.2
Whites	33,425	91.3	13.5	1.6%	Nonwhite Female (821)	2.6
Nonwhites	3,484	9.5	5.8	1.0%	Black Male (1,684)	8.6
Blacks.....	2,084	5.7	5.1	0.7%	Black Female (400).....	1.9
Elderly (65+ yrs.).....	5,858	16.0	14.8	0.3%	Hispanic (1,053)	5.3
Young (15-24 yrs.).....	4,371	11.9	10.1	14.4%	Native Americans (429).....	12.3
					Asian/Pacific Islanders (971).....	6.3

Fatal Outcomes (Suicides): *a rate increase was seen from 2008 to 2009, continuing the recent rate increases after long-term trends of decline*

- Average of 1 person every 14.2 minutes killed themselves
- Average of 1 old person every 1 hour and 30 minutes killed themselves
- Average of 1 young person every 2 hours killed themselves. (If the 265 suicides below age 15 are included, 1 young person every 1 hour and 53 minutes)

- 10th ranking cause of death in U.S.— 3rd for **young** ----->>

<u>Cause</u>	<u>Number</u>	<u>Rate</u>
All Causes	30,416	70.6
1-Accidents	12,458	28.9
2-Homicide	4,862	11.3
3-Suicide	4,371	10.1
10-14 yrs	259	1.3
15-19 yrs	1,669	7.8
20-24 yrs	2,702	12.5
- 3.7 male deaths by suicide for each female death by suicide
- Suicide ranks 10th as a cause of death; Homicide ranks 15th

Nonfatal Outcomes (Attempts) (figures are estimates; no official U.S. national data compiled):

- 922,725 annual attempts in U.S. (using 25:1 ratio); 2008-9 SAMHSA study: 1.058 million adults (18 and up)
- Translates to one attempt every 34 seconds (based on 922,725 attempts) [1.058 million = 1 every 30 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

Survivors (i.e., family members and friends of a loved one who died by suicide):

- Each suicide intimately affects at least 6 other people (estimate)
- Based on the 787,761 suicides from 1985 through 2009, estimated that the number of survivors of suicides in the U.S. is 4.73 million (1 of every 65 Americans in 2009); number grew by at least 221,454 in 2009
- If there is a suicide every 14.2 minutes, then there are 6 new survivors every 14.2 minutes as well

<u>Suicide Methods</u>	<u>Number</u>	<u>Rate</u>	<u>Percent of Total</u>		<u>Number</u>	<u>Rate</u>	<u>Percent of Total</u>
Firearm suicides	18,735	6.1	50.8%	All but Firearms	18,174	5.9	49.2%
Suffocation/Hanging	9,000	2.9	24.4%	Poisoning	6,398	2.1	17.3%
Cut/pierce	669	0.2	1.8%	Drowning	389	0.1	1.1%

<u>U.S.A. Suicide Rates 1999-2009</u>											<u>15 Leading Causes of Death in the U.S.A., 2009</u>				
(Rates per 100,000 population)											(total of 2,437,163 deaths; 793.8 rate)				
<u>Group/</u>	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>Group/</u>	<u>Rank & Cause of Death</u>	<u>Rate</u>	<u>Deaths</u>
Age												Age			
5-14	0.6	0.8	0.7	0.6	0.6	0.7	0.7	0.5	0.5	0.6	0.7	5-14	1 Diseases of heart (heart disease)	195.2	599,413
15-24	10.3	10.4	9.9	9.9	9.7	10.3	10.0	9.9	9.7	10.0	10.1	15-24	2 Malignant neoplasms (cancer)	184.9	567,628
25-34	13.5	12.8	12.8	12.6	12.7	12.7	12.4	12.3	13.0	12.9	12.8	25-34	3 Chronic lower respiratory diseases	44.7	137,353
35-44	14.4	14.6	14.7	15.3	14.9	15.0	14.9	15.1	15.6	15.9	16.1	35-44	4 Cerebrovascular diseases (stroke)	42.0	128,842
45-54	14.2	14.6	15.2	15.7	15.9	16.6	16.5	17.2	17.7	18.7	19.3	45-54	5 Accidents (unintentional injuries)	38.4	118,021
55-64	12.4	12.3	13.1	13.6	13.8	13.8	13.9	14.5	15.5	16.3	16.7	55-64	6 Alzheimer's disease	25.7	79,003
65-74	13.6	12.6	13.3	13.5	12.7	12.3	12.6	12.6	12.6	13.9	14.0	65-74	7 Diabetes mellitus (diabetes)	22.4	68,705
75-84	18.3	17.7	17.4	17.7	16.4	16.3	16.9	15.9	16.3	16.0	15.7	75-84	8 Influenza & pneumonia	17.5	53,692
85+	19.2	19.4	17.5	18.0	16.9	16.4	16.9	15.9	15.6	15.6	15.6	85+	9 Nephritis, nephrosis (kidney disease)	15.9	48,935
65+	15.9	15.3	15.3	15.6	14.6	14.3	14.7	14.2	14.3	14.8	14.8	65+	10 Suicide [Intentional Self-Harm]	12.0	36,909
Total	10.7	10.7	10.8	11.0	10.8	11.0	11.0	11.1	11.5	11.8	12.0	Total	11 Septicemia	11.6	35,639
Men	17.6	17.5	17.6	17.9	17.7	17.7	17.7	17.8	18.3	19.0	19.2	Men	12 Chronic liver disease and cirrhosis	10.0	30,558
Women	4.1	4.1	4.1	4.3	4.3	4.6	4.5	4.6	4.8	4.9	5.0	Women	13 Essential hypertension and renal disease	8.4	25,734
White	11.7	11.7	11.9	12.2	12.1	12.3	12.3	12.4	12.9	13.3	13.5	White	14 Parkinson's disease	6.7	20,565
Nonwh	6.0	5.9	5.6	5.5	5.5	5.8	5.5	5.5	5.6	5.7	5.8	NonWh	15 Homicide [Assault]	5.5	16,799
Black	5.6	5.6	5.3	5.1	5.1	5.2	5.1	4.9	4.9	5.2	5.1	Black	- All other causes (Residual)	152.9	469,367

Old made up 12.9% of 2009 population but represented 15.9% of the suicides.

Young were 14.0% of 2009 population and comprised 11.8% of the suicides.

1,064,358* Years of Potential Life Lost Before Age 75 (33,968 of 36,909 suicides were below age 75)

* WISQARS YPLL figure: 1,063,300 using individual years rather than 10-year age groups as above.

Many figures appearing here are derived or calculated from data in the following *official data source*: Highlights section and Detailed Tables for the *NVSR* (2012, January). Deaths: Final Data for 2009. *National Vital Statistics Reports*, 60(3). obtained 5 January 2012; released with the appearance of the 2009 Mortality Multiple Cause Micro-data files at http://www.cdc.gov/nchs/data_access/Vitalstatsonline.htm. Additional data from CDC's WISQARS website <http://www.cdc.gov/injury/wisqars/index.html> obtained 12 January 2012.

SAMHSA 2008-09 study (2011): http://www.cdc.gov/mmwr/preview/mmwrhtml/ss6013a1.htm?s_cid=ss6013a1_w

$$\text{suicide rate} = \frac{\text{number of suicides by group}}{\text{population of group}} \times 100,000$$

Suicide Data Page: 2009
12 January 2012
Prepared for AAS by John L. McIntosh, Ph.D.

Rate, Number, and Ranking of Suicide for Each U.S.A. State, 2009*

Rank	State [Division] (2008 rank)	Deaths	Rate	Division [Abbreviation]	Rate	Number
1	Montana [M] (2)	219	22.5	Mountain [M].....	17.9	3,965
2	Alaska [P] (1)	143	20.5	East South Central [ESC]	14.2	2,593
3	Wyoming [M] (4)	111	20.4	South Atlantic [SA]	13.0	7,688
4	Idaho [M] (11T)	304	19.7	West North Central [WNC]	12.7	2,576
5	Nevada [M] (5)	505	19.1	Nation	12.0	36,909
6	New Mexico [M] (3)	376	18.7	West South Central [WSC].....	12.0	4,288
6	Colorado [M] (6)	941	18.7	Pacific [P]	11.5	5,706
8	Oregon [P] (9)	644	16.8	East North Central [ENC].....	10.9	5,074
9	Arizona [M] (8)	1,060	16.1	New England [NE]	9.8	1,414
9	Utah [M] (15T)	449	16.1	Middle Atlantic [MA].....	8.8	3,605
11	South Dakota [WNC] (25T)	129	15.9			
12	Oklahoma [WSC] (13)	567	15.4	<u>Region [Subdivision Abbreviations]</u>	<u>Rate</u>	<u>Number</u>
12	Florida [SA] (17T)	2,858	15.4	West (M, P).....	13.5	9,671
14	Tennessee [ESC] (20T)	947	15.0	South (ESC, WSC, SA)	12.9	14,569
15	Maine [NE] (14)	197	14.9	Nation	12.0	36,909
16	Arkansas [WSC] (17T)	422	14.6	Midwest (WNC, ENC)	11.5	7,650
17	Missouri [WNC] (20T)	860	14.4	Northeast (NE, MA)	9.1	5,019
18	Alabama [ESC] (25T)	673	14.3			
19	Vermont [NE] (15T)	87	14.0			
20	West Virginia [SA] (7)	253	13.9			
20	North Dakota [WNC] (11T)	90	13.9			
22	Washington [P] (23)	921	13.8			
23	Kentucky [ESC] (10)	592	13.7			
24	Kansas [WNC] (19)	382	13.6			
24	South Carolina [SA] (29T)	619	13.6			
26	Hawaii [P] (39T)	175	13.5			
27	Mississippi [ESC] (22)	381	12.9			
27	Indiana [ENC] (27)	828	12.9			
27	Pennsylvania [MA] (32)	1,631	12.9			
30	Wisconsin [ENC] (264)	724	12.8			
31	New Hampshire [NE] (29T)	166	12.5			
31	North Carolina [SA] (31)	1,174	12.5			
33	Virginia [SA] (33)	963	12.2			
34	Delaware [SA] (36T)	107	12.1			
	United States - Total	36,909	12.0			
35	Iowa [WNC] (38)	361	12.0			
36	Michigan [ENC] (35)	1,169	11.7			
37	Georgia [SA] (39T)	1,134	11.5			
38	Texas [WSC] (41T)	2,809	11.3			
39	Rhode Island [NE] (45)	118	11.2			
40	Minnesota [WNC] (36T)	584	11.1			
41	Louisiana [WSC] (28)	490	10.9			
42	California [P] (43)	3,823	10.3			
43	Ohio [ENC] (34)	1,176	10.2			
44	Maryland [SA] (44)	551	9.7			
45	Nebraska [WNC] (41T)	170	9.5			
46	Illinois [ENC] (46)	1,177	9.1			
47	Connecticut [NE] (48)	316	9.0			
48	Massachusetts [NE] (47)	530	8.0			
49	New York [MA] (49)	1,417	7.3			
50	New Jersey [MA] (50)	557	6.4			
51	District of Columbia [SA] (51)	29	4.8			

Source: Highlights section and Detailed Tables for the NVSR (2012, January). Deaths: Final Data for 2009. *National Vital Statistics Reports*, 60(3). obtained 5 January 2012; released with the appearance of the 2009 Mortality Multiple Cause Micro-data files. Additional data will be obtained when the NVSR final publication is released. [Note: divisional and regional figures were calculated from state data; state mortality data appear in Table 19 and population data are from Census Bureau Vintage 2009 estimates]
 [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: 2009
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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://mypage.iusb.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.

Suggested citation: McIntosh, J. L. (for the American Association of Suicidology). (2012). *U.S.A. suicide: 2009 official final data*. Washington, DC: American Association of Suicidology, dated January 12, 2012, downloaded from <http://www.suicidology.org>.