

Data Brief 330. Suicide Mortality in the United States, 1999–2017

Data table for Figure 1. Age-adjusted suicide rates, by sex: United States, 1999–2017

Year	Total		Male		Female	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
1999	29,199	10.5	23,458	17.8	5,741	4.0
2000	29,350	10.4	23,618	17.7	5,732	4.0
2001	30,622	10.7	24,672	18.2	5,950	4.1
2002	31,655	10.9	25,409	18.5	6,246	4.2
2003	31,484	10.8	25,203	18.1	6,281	4.2
2004	32,439	11.0	25,566	18.1	6,873	4.5
2005	32,637	10.9	25,907	18.1	6,730	4.4
2006	33,300	11.0	26,308	18.1	6,992	4.5
2007	34,598	11.3	27,269	18.5	7,329	4.6
2008	36,035	11.6	28,450	19.0	7,585	4.8
2009	36,909	11.8	29,089	19.2	7,820	4.9
2010	38,364	12.1	30,277	19.8	8,087	5.0
2011	39,518	12.3	31,003	20.0	8,515	5.2
2012	40,600	12.6	31,780	20.4	8,820	5.4
2013	41,149	12.6	32,055	20.3	9,094	5.5
2014	42,826	13.0	33,162	20.7	9,664	5.8
2015	44,193	13.3	33,994	21.1	10,199	6.0
2016	44,965	13.5	34,727	21.4	10,238	6.0
2017	47,173	14.0	36,782	22.4	10,391	6.1

NOTES: Suicides are identified using *International Classification of Diseases, Tenth Revision* underlying cause-of-death codes U03, X60–X84, and Y87.0. Age-adjusted death rates are calculated using the direct method and the 2000 U.S. standard population.

SOURCE: NCHS, National Vital Statistics System, Mortality.

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Data table for Figures 2 and 3. Suicide rates, by sex and age group: United States, 1999 and 2017

Sex and age group	1999		2017	
	Number	Deaths per 100,000	Number	Deaths per 100,000
Female				
10–14	50	0.5	169	1.7
15–24	575	3.0	1,225	5.8
25–44	2,359	5.5	3,339	7.8
45–64	1,868	6.0	4,172	9.7
65–74	420	4.1	982	6.2
75 and over	469	4.5	501	4.0
Male				
10–14	192	1.9	348	3.3
15–24	3,326	16.8	5,027	22.7
25–44	9,213	21.6	11,944	27.5
45–64	6,109	20.8	12,371	30.1
65–74	2,051	24.7	3,638	26.2
75 and over	2,549	42.4	3,447	39.7

NOTES: Suicides are identified using *International Classification of Diseases, Tenth Revision* underlying cause-of-death codes U03, X60–X84, and Y87.0. In 1999, suicides with age not stated totaled 16 (all males). In 2017, suicides with age not stated totaled 5 (4 males and 1 female).

SOURCE: NCHS, National Vital Statistics System, Mortality.

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Data table for Figure 4. Age-adjusted suicide rates, by urbanization level: United States, 1999 and 2017

Urbanization level	1999		2017	
	Number	Deaths per 100,000	Number	Deaths per 100,000
Large central metro (most urban)	7,914	9.6	11,135	11.1
Large fringe metro	6,066	9.3	10,451	12.5
Medium metro	5,866	10.7	10,347	15.4
Small metro	3,183	12.0	5,388	17.2
Micropolitan	3,618	12.2	5,918	18.4
Noncore (most rural)	2,552	13.1	3,934	20.0

NOTES: Suicides are identified using *International Classification of Diseases, Tenth Revision* underlying cause-of-death codes U03, X60–X84, and Y87.0. Age-adjusted death rates are calculated using the direct method and the 2000 U.S. standard population. Classification of the decedent’s county of residence is based on the 2006 NCHS Urban–Rural Classification Scheme for Counties, available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_154-508.pdf.

SOURCE: NCHS, National Vital Statistics System, Mortality.