

Data Brief 373. Urban–rural Differences in Suicide Rates, by Sex and Three Leading Methods: United States, 2000–2018

Data table for Figure 1. Age-adjusted suicide rates, by urban–rural status: United States, 2000–2018

Year	Rural		Urban		Total	
	Number of deaths	Deaths per 100,000	Number of deaths	Deaths per 100,000	Number of deaths	Deaths per 100,000
2000	5,886	13.1	23,464	10.0	29,350	10.4
2001	5,975	13.2	24,647	10.3	30,622	10.7
2002	6,190	13.6	25,465	10.5	31,655	10.9
2003	6,085	13.3	25,399	10.3	31,484	10.8
2004	6,371	13.9	26,068	10.5	32,439	11.0
2005	6,324	13.7	26,313	10.4	32,637	10.9
2006	6,396	13.8	26,904	10.5	33,300	11.0
2007	6,501	13.8	28,097	10.8	34,598	11.3
2008	6,843	14.6	29,192	11.1	36,035	11.6
2009	6,973	14.8	29,936	11.2	36,909	11.8
2010	7,315	15.5	31,049	11.5	38,364	12.1
2011	7,439	15.8	32,079	11.8	39,518	12.3
2012	7,582	16.1	33,018	12.0	40,600	12.6
2013	7,882	16.7	33,267	11.9	41,149	12.6
2014	8,007	16.8	34,819	12.4	42,826	13.0
2015	8,399	17.7	35,794	12.6	44,193	13.3
2016	8,470	18.0	36,495	12.7	44,965	13.5
2017	8,928	19.1	38,245	13.2	47,173	14.0
2018	9,103	19.4	39,241	13.4	48,344	14.2

NOTES: Suicides in all ages are identified using the *International Classification of Diseases, 10th 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 2013 NCHS Urban–Rural Classification Scheme for Counties, available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf.

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

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Data table for Figure 2. Age-adjusted suicide rates, by sex and urban–rural status: United States, 2000–2018

Year	Male				Female			
	Urban		Rural		Urban		Rural	
	Number of deaths	Deaths per 100,000						
2000	18,671	16.8	4,947	22.6	4,793	3.9	939	4.2
2001	19,668	17.3	5,004	22.7	4,979	4.0	971	4.3
2002	20,249	17.6	5,160	23.2	5,216	4.2	1,030	4.6
2003	20,113	17.3	5,090	22.8	5,286	4.2	995	4.4
2004	20,350	17.2	5,216	23.2	5,718	4.4	1,155	5.1
2005	20,682	17.2	5,225	23.1	5,631	4.3	1,099	4.8
2006	21,045	17.2	5,263	23.0	5,859	4.4	1,133	4.9
2007	21,974	17.7	5,295	22.9	6,123	4.6	1,206	5.2
2008	22,845	18.1	5,605	24.0	6,347	4.7	1,238	5.4
2009	23,378	18.3	5,711	24.4	6,558	4.8	1,262	5.5
2010	24,283	18.8	5,994	25.5	6,766	4.9	1,321	5.7
2011	24,959	19.0	6,044	25.7	7,120	5.1	1,395	6.1
2012	25,581	19.3	6,199	26.3	7,437	5.3	1,383	6.0
2013	25,662	19.1	6,393	27.0	7,605	5.3	1,489	6.5
2014	26,747	19.7	6,415	26.8	8,072	5.6	1,592	7.0
2015	27,267	19.8	6,727	28.3	8,527	5.9	1,672	7.3
2016	27,955	20.1	6,772	28.7	8,540	5.8	1,698	7.4
2017	29,587	21.1	7,195	30.6	8,658	5.9	1,733	7.7
2018	30,463	21.5	7,298	30.7	8,778	5.9	1,805	8.0

NOTES: Suicides in all ages are identified using the *International Classification of Diseases, 10th 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 2013 NCHS Urban–Rural Classification Scheme for Counties, available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf.

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

Data table for Figure 3. Age-adjusted suicide rates among males, by leading method and urban–rural status: United States, 2000–2018

Year	Urban						Rural					
	Firearm		Suffocation		Poisoning		Firearm		Suffocation		Poisoning	
	Number of deaths	Deaths per 100,000										
2000	10,966	10.1	3,936	3.4	2,323	2.0	3,488	15.9	797	3.7	469	2.2
2001	11,235	10.1	4,352	3.7	2,519	2.2	3,523	15.9	858	3.9	453	2.1
2002	11,451	10.2	4,486	3.7	2,608	2.2	3,594	16.1	869	4.0	489	2.2
2003	11,306	9.9	4,609	3.8	2,564	2.2	3,521	15.7	887	4.1	484	2.2
2004	11,020	9.5	5,015	4.1	2,672	2.2	3,503	15.4	965	4.4	528	2.4
2005	11,287	9.6	4,980	4.1	2,662	2.2	3,629	15.8	907	4.1	450	2.0
2006	11,232	9.3	5,192	4.2	2,758	2.2	3,502	15.1	981	4.5	536	2.3
2007	11,634	9.5	5,621	4.5	2,887	2.3	3,547	15.1	1,028	4.7	526	2.3
2008	12,185	9.8	5,839	4.6	2,960	2.3	3,746	15.8	1,148	5.2	500	2.1
2009	12,445	9.9	6,170	4.8	2,933	2.2	3,862	16.2	1,130	5.1	502	2.2
2010	12,929	10.1	6,357	4.9	3,059	2.3	4,033	16.9	1,235	5.6	514	2.2
2011	13,347	10.2	6,588	5.0	2,965	2.2	3,973	16.5	1,341	6.1	487	2.1
2012	13,807	10.5	6,677	5.1	3,020	2.2	4,103	17.0	1,339	6.1	518	2.2
2013	13,985	10.5	6,531	4.9	2,965	2.2	4,256	17.5	1,379	6.2	507	2.2
2014	14,190	10.4	7,416	5.5	3,016	2.2	4,193	17.0	1,458	6.6	497	2.1
2015	14,572	10.6	7,499	5.5	2,929	2.1	4,338	17.6	1,635	7.5	478	2.0
2016	15,231	10.9	7,461	5.5	2,815	2.0	4,416	18.0	1,590	7.4	501	2.1
2017	15,967	11.3	8,404	6.1	2,813	2.0	4,648	18.9	1,771	8.3	482	2.1
2018	16,454	11.5	8,796	6.3	2,664	1.9	4,647	18.7	1,881	8.8	473	2.0

NOTES: Suicides in all ages are identified using the *International Classification of Diseases, 10th 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 2013 NCHS Urban–Rural Classification Scheme for Counties, available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_166.pdf.

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

Data table for Figure 4. Age-adjusted suicide rates among females, by leading method and urban–rural status: United States, 2000–2018

Year	Urban						Rural					
	Firearm		Suffocation		Poisoning		Firearm		Suffocation		Poisoning	
	Number of deaths	Deaths per 100,000										
2000	1,691	1.4	848	0.7	1,747	1.4	441	1.9	107	0.5	320	1.5
2001	1,658	1.3	864	0.7	1,896	1.5	453	2.0	124	0.6	323	1.5
2002	1,605	1.3	966	0.8	2,025	1.6	458	2.0	141	0.7	364	1.7
2003	1,615	1.3	1,006	0.8	2,080	1.6	465	2.0	133	0.6	334	1.5
2004	1,716	1.3	1,171	0.9	2,207	1.7	511	2.2	185	0.9	393	1.7
2005	1,607	1.2	1,199	0.9	2,251	1.7	479	2.1	162	0.7	381	1.7
2006	1,666	1.3	1,155	0.9	2,393	1.8	483	2.1	163	0.7	422	1.8
2007	1,658	1.2	1,325	1.0	2,517	1.9	513	2.2	187	0.9	428	1.8
2008	1,772	1.3	1,390	1.0	2,547	1.9	520	2.2	201	0.9	435	1.9
2009	1,869	1.4	1,468	1.1	2,556	1.8	559	2.4	232	1.1	407	1.7
2010	1,871	1.3	1,647	1.2	2,588	1.8	559	2.3	254	1.2	438	1.9
2011	2,069	1.5	1,701	1.3	2,678	1.9	601	2.6	283	1.3	434	1.9
2012	2,141	1.5	1,809	1.3	2,772	1.9	615	2.6	263	1.3	419	1.8
2013	2,274	1.6	1,864	1.4	2,713	1.9	660	2.8	288	1.4	452	1.9
2014	2,305	1.6	2,206	1.6	2,823	1.9	698	3.0	327	1.5	472	2.0
2015	2,409	1.6	2,363	1.7	2,907	2.0	699	3.0	358	1.7	502	2.1
2016	2,580	1.8	2,191	1.6	2,883	1.9	711	3.0	400	1.9	499	2.1
2017	2,509	1.7	2,468	1.8	2,781	1.8	730	3.1	432	2.2	478	2.0
2018	2,594	1.7	2,669	1.9	2,650	1.7	737	3.1	494	2.4	450	1.9

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