

Data Brief 343. Unintentional Injury Death Rates in Rural and Urban Areas: United States, 1999–2017

Data table for Figure 1. Age-adjusted rates for unintentional injury deaths, overall and by three leading causes: United States, 1999–2017

| Year | Overall | | Motor vehicle traffic | | Drug overdose | | Falls | |
|------|---------|--------------------|-----------------------|--------------------|---------------|--------------------|--------|--------------------|
| | Number | Deaths per 100,000 | Number | Deaths per 100,000 | Number | Deaths per 100,000 | Number | Deaths per 100,000 |
| 1999 | 97,860 | 35.3 | 40,965 | 14.7 | 11,155 | 4.0 | 13,162 | 4.8 |
| 2000 | 97,900 | 34.9 | 41,994 | 14.9 | 11,712 | 4.1 | 13,322 | 4.8 |
| 2001 | 101,537 | 35.7 | 42,443 | 14.8 | 13,024 | 4.6 | 15,019 | 5.3 |
| 2002 | 106,742 | 37.1 | 44,065 | 15.2 | 16,394 | 5.7 | 16,257 | 5.7 |
| 2003 | 109,277 | 37.6 | 43,340 | 14.9 | 18,294 | 6.3 | 17,229 | 6.0 |
| 2004 | 112,012 | 38.1 | 43,432 | 14.7 | 19,838 | 6.8 | 18,807 | 6.4 |
| 2005 | 117,809 | 39.5 | 43,667 | 14.6 | 22,448 | 7.6 | 19,656 | 6.6 |
| 2006 | 121,599 | 40.2 | 43,664 | 14.5 | 26,400 | 8.8 | 20,823 | 6.8 |
| 2007 | 123,706 | 40.4 | 42,031 | 13.8 | 27,658 | 9.1 | 22,631 | 7.2 |
| 2008 | 121,902 | 39.2 | 37,985 | 12.3 | 28,171 | 9.2 | 24,013 | 7.5 |
| 2009 | 118,021 | 37.5 | 34,485 | 11.1 | 28,754 | 9.4 | 24,792 | 7.6 |
| 2010 | 120,859 | 38.0 | 33,687 | 10.7 | 30,006 | 9.7 | 26,009 | 7.9 |
| 2011 | 126,438 | 39.1 | 33,783 | 10.6 | 33,071 | 10.6 | 27,483 | 8.1 |
| 2012 | 127,792 | 39.1 | 34,935 | 10.9 | 33,175 | 10.6 | 28,753 | 8.3 |
| 2013 | 130,557 | 39.4 | 33,804 | 10.5 | 35,663 | 11.3 | 30,208 | 8.5 |
| 2014 | 135,928 | 40.5 | 33,736 | 10.3 | 38,718 | 12.1 | 31,959 | 8.8 |
| 2015 | 146,571 | 43.2 | 36,161 | 10.9 | 44,126 | 13.8 | 33,381 | 9.0 |
| 2016 | 161,374 | 47.4 | 38,748 | 11.7 | 54,793 | 17.1 | 34,673 | 9.1 |
| 2017 | 169,936 | 49.4 | 38,659 | 11.5 | 61,311 | 19.1 | 36,338 | 9.4 |

NOTES: Unintentional injury deaths are identified using *International Classification of Diseases, 10th Revision*, underlying cause-of-death codes: Overall unintentional injury deaths include V01–X59 and Y85–Y86; unintentional motor vehicle traffic deaths, (V02–V04 [1, 9]), V09.2, (V12–V14 [3–9]), V19 (.4–.6), (V20–V28 [3–9]), (V29–V79 [4–9]), V80 (.3–.5), V81.1, V82.1, (V83–V86 [0–3]), V87 (.0–.8), and V89.2; unintentional drug overdose deaths, X40–X44; and unintentional fall deaths, W00–W19.

SOURCE: NCHS, National Vital Statistics System, Mortality.

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Data table for Figure 2. Age-adjusted death rates for motor vehicle traffic injuries, by urbanization level: United States, 2014 and 2017

| Urbanization level | 2014 | | 2017 | |
|---------------------|--------|--------------------|--------|--------------------|
| | Number | Deaths per 100,000 | Number | Deaths per 100,000 |
| Rural | 8,374 | 17.9 | 9,189 | 19.7 |
| Small metro | 11,003 | 11.2 | 12,820 | 12.8 |
| Large fringe metro | 6,785 | 8.5 | 8,024 | 9.6 |
| Large central metro | 7,574 | 7.5 | 8,626 | 8.3 |

NOTES: Unintentional motor vehicle traffic deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes V02–V04 (.1, .9), V09.2, (V12–V14 [3–9]), V19 (.4–.6), (V20–V28 [3–9]), (V29–V79 [4–9]), V80 (.3–.5), V81.1, V82.1, (V83–V86 [0–.3]), V87 (.0–.8), and V89.2. Classification of the decedent's county of residence is based on the 2013 NCHS Urban–Rural Classification Scheme for Counties.

SOURCE: NCHS, National Vital Statistics System, Mortality.

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Data table for Figure 3. Age-adjusted death rates for unintentional drug overdose, by urbanization level: United States, 2014 and 2017

| Urbanization level | 2014 | | 2017 | |
|---------------------|--------|--------------------|--------|--------------------|
| | Number | Deaths per 100,000 | Number | Deaths per 100,000 |
| Rural | 5,563 | 12.9 | 7,268 | 17.3 |
| Small metro | 12,264 | 13.2 | 18,837 | 20.2 |
| Large fringe metro | 9,348 | 11.9 | 16,113 | 20.3 |
| Large central metro | 11,543 | 11.3 | 19,093 | 18.3 |

NOTES: Unintentional drug overdose deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes X40–X44. Classification of the decedent's county of residence is based on the 2013 NCHS Urban–Rural Classification Scheme for Counties.

SOURCE: NCHS, National Vital Statistics System, Mortality.

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Data table for Figure 4. Age-adjusted death rates for unintentional falls, by urbanization level: United States, 2014 and 2017

| Urbanization level | 2014 | | 2017 | |
|---------------------|--------|--------------------|--------|--------------------|
| | Number | Deaths per 100,000 | Number | Deaths per 100,000 |
| Rural | 5,470 | 8.9 | 6,316 | 9.9 |
| Small metro | 10,425 | 9.2 | 12,264 | 10.1 |
| Large fringe metro | 7,722 | 8.7 | 8,594 | 9.1 |
| Large central metro | 8,342 | 8.3 | 9,164 | 8.5 |

NOTES: Unintentional fall deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes W00–W19. Classification of the decedent's county of residence is based on the 2013 NCHS Urban–Rural Classification Scheme for Counties.

SOURCE: NCHS, National Vital Statistics System, Mortality.