

**Data Brief 421. Urban-rural Differences in Unintentional Injury Death Rates Among Children Aged 0–17 Years: United States, 2018–2019**

**Data table for Figure 1. Rates of unintentional injury death, by age group and urban-rural status: United States, 2018–2019**

Age group (years)	Total		Urban		Rural	
	Number	Deaths per 100,000	Number	Deaths per 100,000	Number	Deaths per 100,000
Total . . . . .	10,514	7.2	8,012	6.3	2,502	12.4
Under 1 . . . . .	2,434	31.9	1,938	29.3	496	48.8
1–4. . . . .	2,375	7.5	1,804	6.6	571	13.3
5–13. . . . .	2,498	3.4	1,884	3.0	614	6.0
14–17. . . . .	3,207	9.6	2,386	8.3	821	17.7

NOTES: Unintentional injury deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes V01–X59 or Y85–Y86. The decedent's county of residence was classified as urban or rural based on the 2013 NCHS Urban–Rural Classification Scheme for Counties. Rates shown are crude rates (deaths per 100,000).

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

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**Data table for Figure 2. Rates of unintentional injury death, by mechanism and urban-rural status among children aged under 1 year: United States, 2018–2019**

Mechanism	Urban		Rural	
	Number	Deaths per 100,000	Number	Deaths per 100,000
Total . . . . .	1,938	29.3	496	48.8
Suffocation . . . . .	1,644	24.9	428	42.1
Motor vehicle traffic . . . . .	125	1.9	24	2.4
All other mechanisms . . . . .	169	2.6	44	4.3

NOTES: Unintentional injury deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes V01–X59 or Y85–Y86. The decedent’s county of residence was classified as urban or rural based on the 2013 NCHS Urban–Rural Classification Scheme for Counties. Rates are only shown for mechanisms that had 20 or more deaths in both rural and urban settings during the 2018–2019 period. The specific mechanisms shown account for 91.1% of rural and 91.3% of urban unintentional injury deaths among children aged under 1 year. Data may not sum to total due to rounding.

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

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**Data for Figure 3. Rates of unintentional injury death, by mechanism and urban-rural status among children aged 1–4 years: United States, 2018–2019**

Mechanism	Urban		Rural	
	Number	Deaths per 100,000	Number	Deaths per 100,000
Total . . . . .	1,804	6.6	571	13.3
Motor vehicle traffic . . . . .	417	1.5	156	3.6
Drowning . . . . .	671	2.4	150	3.5
Fire or flame . . . . .	121	0.4	74	1.7
Suffocation. . . . .	204	0.7	47	1.1
Other pedestrian . . . . .	110	0.4	39	0.9
Natural or environmental . . . . .	73	0.3	21	0.5
All other mechanisms . . . . .	208	0.8	84	2.0

NOTES: Unintentional injury deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes V01–X59 or Y85–Y86. The decedent’s county of residence was classified as urban or rural based on the 2013 NCHS Urban–Rural Classification Scheme for Counties. Rates are only shown for mechanisms that had 20 or more deaths in both urban and rural areas during the 2018–2019 period. The specific mechanisms shown account for 85.3% of rural and 88.5% of urban unintentional injury deaths among children aged 1–4 years. Data may not sum to total due to rounding.

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

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**Data for Figure 4. Rates of unintentional injury death, by mechanism and urban-rural status among children aged 5–13 years: United States, 2018–2019**

Mechanism	Urban		Rural	
	Number	Deaths per 100,000	Number	Deaths per 100,000
Total . . . . .	1,884	3.0	614	6.0
Motor vehicle traffic . . . . .	928	1.5	312	3.1
Fire or flame . . . . .	173	0.3	72	0.7
Drowning . . . . .	325	0.5	65	0.6
Other land transport . . . . .	79	0.1	36	0.4
Suffocation . . . . .	97	0.2	27	0.3
All other causes . . . . .	282	0.4	102	1.0

NOTES: Unintentional injury deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes V01–X59 or Y85–Y86. The decedent’s county of residence was classified as urban or rural based on the 2013 NCHS Urban–Rural Classification Scheme for Counties. Rates are only shown for mechanisms that had 20 or more deaths in both urban and rural settings during the 2018–2019 period. The specific mechanisms shown represent 83.4% of rural and 85.0% of urban unintentional injury deaths among children aged 5–13 years. Data may not sum to total due to rounding.

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

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**Data for Figure 5. Rates of unintentional injury death, by mechanism and urban-rural status among children aged 14–17 years: United States, 2018–2019**

Mechanism	Urban		Rural	
	Number	Deaths per 100,000	Number	Deaths per 100,000
Total . . . . .	2,386	8.3	821	17.7
Motor vehicle traffic . . . . .	1,468	5.1	582	12.5
Drowning . . . . .	216	0.8	54	1.2
Poisoning . . . . .	311	1.1	44	0.9
Other land transport . . . . .	72	0.3	34	0.7
Firearm . . . . .	61	0.2	20	0.4
All other mechanisms . . . . .	258	0.9	87	1.9

NOTES: Unintentional injury deaths are identified using *International Classification of Diseases, 10th Revision* underlying cause-of-death codes V01–X59 or Y85–Y86. The decedent’s county of residence was classified as urban or rural based on the 2013 NCHS Urban–Rural Classification Scheme for Counties. Rates are only shown for mechanisms that had 20 or more deaths in both urban and rural settings during the 2018–2019 period. The specific mechanisms shown represent 89.4% of rural and 89.2% of urban unintentional injury deaths among children aged 14–17 years. Poisoning includes drug overdoses.

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