

Data Brief 452. Emergency Department Visit Rates by Selected Characteristics: United States, 2020

Data table for Figure 1. Emergency department visit rate, by age group: United States, 2020

Age group (years)	Visit rate per 100 people	Standard error	95% confidence interval
Overall	40	3.5	33.6–47.3
Under 1	68	8.6	51.4–84.9
1–17	29	4.1	21.5–37.4
18–44	43	3.9	35.6–51.0
45–64	39	3.5	31.7–45.4
65–74	40	4.0	32.1–47.6
75 and over	63	6.5	50.5–75.9

NOTES: Based on a sample of 14,860 emergency department (ED) visits made by patients in 2020, representing approximately 131 million ED visits. Visit rates are based on estimates of the U.S. civilian noninstitutionalized population as of July 1, 2020, from the U.S. Census Bureau, Population Division.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2020.

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Data table for Figure 2. Emergency department visit rate, by sex and race and ethnicity: United States, 2020

Characteristic	Visit rate per 100 people	Standard error	95% confidence interval
Overall	40	3.5	33.6–47.3
Sex			
Female	42	3.8	34.8–49.8
Male	39	3.2	32.2–44.9
Race and ethnicity			
Non-Hispanic Black or African American			
American	70	8.5	53.5–86.8
Non-Hispanic White	39	3.5	32.5–46.3
Hispanic or Latino	34	5.5	23.3–45.0
Non-Hispanic Other	20	3.6	13.0–26.9

NOTES: Based on a sample of 14,860 emergency department (ED) visits made by patients in 2020, representing approximately 131 million ED visits. Visit rates are based on estimates of the U.S. civilian noninstitutionalized population as of July 1, 2020, from the U.S. Census Bureau, Population Division. Race and Hispanic or Latino ethnicity were collected separately, imputed, and converted into a single combined variable that includes non-Hispanic White, non-Hispanic Black or African American, Hispanic or Latino, and non-Hispanic Other people. For 2020, 15.3% of unweighted race data and 11.8% of unweighted ethnicity data were missing for ED visits, and race and ethnicity were imputed for these missing records. Race and ethnicity data were imputed on the data file using a model-based, single, sequential, regression imputation method. Missing race values were imputed to be White, Black, or Other. Hispanic or Latino ethnicity was imputed to be Hispanic or Latino or non-Hispanic or Latino. Non-Hispanic Other people represent 4.5% of weighted visits. The category "Non-Hispanic Other" includes Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native people, and people of two or more races.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2020.

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Data table for Figure 3. Emergency department visit rate, by primary expected source of payment: United States, 2020

Primary expected source of payment	Visit rate per 100 people	Standard error	95% confidence interval
Medicaid, CHIP ¹ , or other state-based program	85	9.9	65.6–104.2
Medicare	47	4.5	38.6–56.0
Uninsured	33	4.6	24.3–42.3
Other	29	4.1	21.4–37.5
Private insurance.	18	1.6	14.7–20.9

¹CHIP is Children's Health Insurance Program.

NOTES: Based on a sample of 14,860 emergency department (ED) visits made by patients in 2020, representing approximately 131 million ED visits. Visit rates are based on the patient's primary expected source of payment and proportional insurance data from the 2020 National Health Interview Survey, available from: <https://www.cdc.gov/nchs/nhis/2020nhis.htm>.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2020.

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Data table for Figure 4. Percentage of emergency department visits with mentions of COVID-19: United States, 2020

Measure	Percent	Standard error	95% confidence interval
Any mention of COVID-19	6.7	1.2	4.7–9.5
Confirmed case	1.8	0.3	1.3–2.5
Suspected case	0.3	0.1	0.2–0.7
Tested or screened	3.3	1.1	1.7–6.4
Other mentions of COVID-19	1.8	0.2	1.4–2.3

NOTES: Categories are not mutually exclusive. Based on a sample of 14,860 emergency department (ED) visits made by patients in 2020 (January–April for suspected cases, April–December for confirmed cases), representing approximately 131 million ED visits.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2020.