

Tables 2, 5, 7, 12, 21, and 27 of this document were updated on July 29, 2022, to correct formatting and numerical errors for some estimates. Tables downloaded before this date should be replaced.

National Hospital Ambulatory Medical Care Survey: 2019 Emergency Department Summary Tables

The Ambulatory and Hospital Care Statistics Branch of the National Center for Health Statistics (NCHS) is pleased to release the most current nationally representative data on ambulatory care visits to hospital emergency departments (EDs) in the United States. Estimates are presented on selected hospital, patient, and visit characteristics using data collected in the 2019 National Hospital Ambulatory Medical Care Survey (NHAMCS). NHAMCS is an annual, nationally representative sample survey of visits to hospitals.

The sampling frame for the 2019 NHAMCS was constructed from IQVIA's database. NHAMCS used a multistage probability design with samples of primary sampling units (PSUs), hospitals within PSUs, and patient visits within emergency service areas (ESAs) of each selected hospital. A total of 473 hospitals were selected for the 2019 NHAMCS, of which, 367 were in scope and had eligible EDs. Of these, 309 responded, resulting in an unweighted ED response rate of 84.2%. A total of 422 ESAs were identified from the EDs. Of these, 269 responded fully or adequately by providing forms for at least one-half of their expected visits, based on the total number of visits during the reporting period. In all, 19,481 Patient Record Forms (PRFs) were submitted electronically. The resulting unweighted ESA sample response rate was 63.7%, and the overall unweighted, two-stage sampling response rate was 53.7% (59.4% weighted).

The U.S. Census Bureau collected data for the 2019 NHAMCS. The U.S. Census Bureau collected data electronically using a computerized instrument that it developed. Census field representatives completed a PRF for a sample of about 100 ED visits during a randomly assigned 4-week reporting period.

RTI International processed the data and performed medical coding. As part of the quality assurance procedure, a 17% quality control sample of ED survey records was independently keyed and coded. Coding error rates ranged from 0.1% to 3.7% for the ED sample. For more details, see the 2019 NHAMCS public-use data file documentation.

Web table estimates are based on sample data weighted to produce annual national estimates and include standard errors. The sample weight computed for each sample visit considers all stages of survey design. The survey data are inflated or weighted to produce unbiased national annual estimates. The visit weight includes three basic components: inflation by reciprocals of selection probabilities, adjustment for nonresponse, and population ratio adjustments. Estimates of the sampling variability were calculated using the Taylor series method in SUDAAN, which accounts for the complex sample design of NHAMCS. Detailed information on the design, conduct, and estimation procedures of the 2019 NHAMCS are discussed in the public-use data file documentation.

As in any survey, results are subject to sampling and nonsampling errors. Nonsampling errors include reporting and processing errors and biases due to nonresponse and incomplete response. In 2019, race data were missing for 20.5% (unweighted) of ED records, and ethnicity data were missing for 17.0% (unweighted) of ED records. NCHS uses model-based single imputation for NHAMCS race and ethnicity data. The race imputation, based on research by an internal work group, is restricted to three categories (White, Black, and Other race groups) because of quality concerns with imputed estimates for race categories other than White and Black. The imputation technique is described in more detail in the public-use data file documentation.

NHAMCS ED diagnosis data were coded according to the *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD-10-CM). Five tables ([Tables 11, 12, 16, 17, and 26](#)) that present estimates of primary diagnoses, injury diagnoses, and primary hospital discharge diagnoses use ICD-10-CM codes and differ from web tables before 2016 that presented diagnosis estimates using the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding system. Because differences between the ICD-9-CM and ICD-10-CM coding systems are substantial, caution is advised when comparing diagnosis estimates.

Proportion estimates are not presented or are flagged based on the procedure specified in “National Center for Health Statistics Data Presentation Standards for Proportions.” For all estimates other than estimates of proportions, the following approach is used: Visit estimates are not presented if they are based on fewer than 30 cases in the sample data, in which case only an asterisk (*) appears. Visit estimates based on 30 or more cases include an asterisk if the relative standard error of the estimate exceeds 30%.

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Table 1. Emergency department visits, by selected hospital characteristics: United States, 2019

Characteristic	Number of visits (standard error) in thousands	Percent distribution (standard error)	Number of visits per 100 people ¹ (standard error)
All visits	150,650 (9,191)	100.0 ...	46.6 (2.8)
Ownership			
Voluntary	101,211 (8,268)	67.2 (4.9)	31.3 (2.6)
Government	27,615 (5,896)	18.3 (3.8)	8.5 (1.8)
Proprietary	21,824 (6,319)	14.5 (3.8)	6.8 (2.0)
Metropolitan status²⁻⁴			
MSA	125,743 (9,656)	83.5 (2.8)	45.4 (3.5)
Non-MSA	24,907 (4,001)	16.5 (2.8)	54.2 (8.7)
Geographic region⁴			
Northeast	24,193 (2,123)	16.1 (1.5)	43.8 (3.8)
Midwest	28,617 (2,839)	19.0 (1.9)	42.5 (4.2)
South	65,720 (7,043)	43.6 (3.2)	53.3 (5.7)
West	32,120 (4,799)	21.3 (2.7)	41.6 (6.2)
Teaching hospital			
Yes	19,167 (2,400)	12.7 (1.8)	5.9 (0.7)
No or blank ⁵	131,482 (9,558)	87.3 (1.8)	40.7 (3.0)
Trauma center			
Yes	52,223 (5,533)	34.7 (3.7)	16.2 (1.7)
No or blank	98,427 (9,261)	65.3 (3.7)	30.5 (2.9)

... Category not applicable.

¹Visit rates for region are based on estimates of the U.S. civilian noninstitutionalized population as of July 1, 2019, from the U.S. Census Bureau, Population Division.

²MSA is metropolitan statistical area.

³Population estimates by MSA are based on estimates of the U.S. civilian noninstitutionalized population as of July 1, 2019, from the 2019 National Health Interview Survey, compiled according to the February 2013 Office of Management and Budget definitions of core-based statistical areas. More information about MSA definitions is available from: <https://www.census.gov/programs-surveys/metro-micro.html>.

⁴For MSA and geographic region, population denominators differ for each category and do not add to the total population rate. For other variables, the denominator is the total population.

⁵Teaching status was unknown for 5.4% (weighted) of visits.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 2. Emergency department visits, by patient age, sex, and residence: United States, 2019

Patient characteristic	Number of visits (standard error) in thousands	Percent distribution (standard error)	Number of visits per 100 people ¹ (standard error)
All visits	150,650 (9,191)	100.0 ...	46.6 (2.8)
Age group (years) ¹			
Under 15	30,003 (3,606)	19.9 (1.8)	49.6 (6.0)
Under 1	4,670 (727)	3.1 (0.4)	123.5 (19.2)
1–4	10,859 (1,280)	7.2 (0.7)	68.8 (8.1)
5–14	14,474 (1,698)	9.6 (0.9)	35.3 (4.1)
15–24	19,840 (1,325)	13.2 (0.4)	47.6 (3.2)
25–44	39,477 (2,488)	26.2 (0.8)	46.1 (2.9)
45–64	33,582 (2,378)	22.3 (0.8)	40.7 (2.9)
65 and over	27,748 (1,801)	18.4 (0.8)	52.6 (3.4)
65–74	13,462 (1,016)	8.9 (0.4)	43.1 (3.2)
75 and over	14,286 (926)	9.5 (0.6)	66.4 (4.3)
Sex and age group (years)			
Female ¹	82,235 (5,223)	54.6 (0.5)	49.8 (3.2)
Under 15	13,689 (1,765)	9.1 (0.9)	46.2 (6.0)
15–24	11,979 (895)	8.0 (0.3)	57.8 (4.3)
25–44	23,209 (1,652)	15.4 (0.6)	53.7 (3.8)
45–64	17,386 (1,296)	11.5 (0.4)	40.9 (3.0)
65–74	7,549 (615)	5.0 (0.3)	45.3 (3.7)
75 and over	8,424 (594)	5.6 (0.4)	67.8 (4.8)
Male ¹	68,415 (4,107)	45.4 (0.5)	43.3 (2.6)
Under 15	16,313 (1,905)	10.8 (0.9)	52.8 (6.2)
15–24	7,861 (516)	5.2 (0.2)	37.5 (2.5)
25–44	16,269 (976)	10.8 (0.4)	38.4 (2.3)
45–64	16,196 (1,182)	10.8 (0.5)	40.4 (3.0)
65–74	5,914 (514)	3.9 (0.3)	40.5 (3.5)
75 and over	5,862 (372)	3.9 (0.2)	64.4 (4.1)
Residence			
Private residence ¹	141,187 (8,953)	93.7 (1.0)	43.7 (2.8)
Nursing home ²	2,227 (240)	1.5 (0.2)	162.2 (17.5)
Homeless ³	1,443 (173)	1.0 (0.1)	254.1 (30.4)
Other	2,037 (283)	1.4 (0.2)	0.6 (0.1)
Unknown or blank	3,755 (1,548)	2.5 (1.0)	* ...
Urban–rural classification ⁴			
Large central metropolitan	42,085 (6,145)	27.9 (3.4)	... ..
Large fringe metropolitan	26,733 (4,510)	17.7 (2.7)	... ..
Medium metropolitan	34,782 (4,977)	23.1 (3.4)	... ..
Small metropolitan	*8,909 (3,078)	* ...	... ..
Micropolitan	12,816 (2,796)	8.5 (1.8)	... ..
Noncore (nonmetropolitan)	17,683 (2,699)	11.7 (1.8)	... ..
Unknown or blank	7,642 (2,272)	5.1 (1.4)	... ..

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Visit rates for age group, sex, and private residence are based on estimates of the U.S. civilian noninstitutional population as of July 1, 2019, from the U.S. Census Bureau, Population Division.

²Visit rates for nursing home residents are based on the 2019 population denominators from the Centers for Medicare & Medicaid Services, 2019 Minimum Data Set Frequency Reports, available from: <https://www.cms.gov/Research-Statistics-Data-and-Systems/Computer-Data-and-Systems/Minimum-Data-Set-3-0-Public-Reports/Minimum-Data-Set-3-0-Frequency-Report.html>.

³Visit rates for people who are homeless are based on the January 2019 estimate of people who were without a home on a given night, as reported in "The 2019 Annual Homeless Assessment Report (AHAR) to Congress," available from: <https://www.huduser.gov/portal/sites/default/files/pdf/2019-AHAR-Part-1.pdf>.

⁴For each record, county of residence was determined using patient ZIP code and then matched to the National Center for Health Statistics Urban–Rural Classification Scheme for Counties, available from: https://www.cdc.gov/nchs/data_access/urban_rural.htm.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 3. Emergency department visits, by patient race, age, and ethnicity: United States, 2019

Patient characteristic	Number of visits (standard error) in thousands	Percent distribution (standard error)	Number of visits per 100 people ¹ (standard error)
All visits	150,650 (9,191)	100.0 ...	46.6 (2.8)
Race ² and age group (years)			
White	107,781 (7,585)	71.5 (1.8)	43.6 (3.1)
Under 15	20,607 (2,758)	13.7 (1.4)	47.3 (6.3)
15–24	13,189 (997)	8.8 (0.3)	43.1 (3.3)
25–44	26,834 (2,037)	17.8 (0.8)	42.3 (3.2)
45–64	24,740 (1,999)	16.4 (0.8)	38.0 (3.1)
65–74	10,490 (870)	7.0 (0.4)	40.4 (3.4)
75 and over	11,920 (828)	7.9 (0.5)	65.1 (4.5)
Black or African American	36,598 (3,218)	24.3 (1.7)	85.6 (7.5)
Under 15	7,921 (1,168)	5.3 (0.7)	86.7 (12.8)
15–24	5,724 (524)	3.8 (0.3)	93.0 (8.5)
25–44	11,051 (955)	7.3 (0.5)	91.4 (7.9)
45–64	7,575 (786)	5.0 (0.4)	73.4 (7.6)
65–74	2,519 (345)	1.7 (0.2)	79.4 (10.9)
75 and over	1,808 (245)	1.2 (0.2)	97.8 (13.3)
Other race groups ³	6,271 (797)	4.2 (0.6)	18.8 (2.4)
Ethnicity ²			
Hispanic or Latino	26,162 (3,241)	17.4 (1.7)	43.7 (5.4)
Not Hispanic or Latino	124,487 (7,585)	82.6 (1.7)	47.3 (2.9)
White	84,042 (6,072)	55.8 (2.1)	43.2 (3.1)
Black or African American	34,835 (3,116)	23.1 (1.6)	87.4 (7.8)
Other race groups ³	5,610 (753)	3.7 (0.5)	19.3 (2.6)

... Category not applicable.

¹Visit rates are based on estimates of the U.S. civilian noninstitutionalized population as of July 1, 2019, from the U.S. Census Bureau, Population Division.

²The race groups White, Black or African American, and Other race groups include people of Hispanic and non-Hispanic origin. People of Hispanic origin may be of any race. For 2019, race data were missing for 19.7% (weighted) of visits, and ethnicity data were missing for 17.4% (weighted) of visits. Starting with 2009 data, the National Center for Health Statistics has adopted the technique of model-based single imputation for National Hospital Ambulatory Medical Care Survey (NHAMCS) race and ethnicity data. The race imputation was restricted to three categories (White, Black, and Other race groups) based on research by an internal work group and on quality concerns with imputed estimates for race categories other than White and Black. The imputation technique is described in more detail in the 2019 NHAMCS public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

³Includes Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, and people with more than one race.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 4. Wait time at emergency department visits: United States, 2019

Visit characteristic	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Time spent waiting to see a physician, APRN, or PA ¹		
Less than 15 minutes	64,345 (6,854)	42.7 (3.0)
15–59 minutes	41,217 (2,998)	27.4 (1.7)
1 hour, but less than 2 hours	11,983 (1,187)	8.0 (0.7)
2 hours, but less than 3 hours	4,721 (704)	3.1 (0.4)
3 hours, but less than 4 hours	2,069 (307)	1.4 (0.2)
4 hours, but less than 6 hours	1,468 (308)	1.0 (0.2)
6 hours or more	999 (199)	0.7 (0.1)
Not applicable	3,306 (391)	2.2 (0.2)
Blank	20,542 (3,579)	13.6 (2.3)
Time spent in emergency department		
Less than 1 hour	14,868 (1,309)	9.9 (0.6)
1 hour, but less than 2 hours	30,942 (2,313)	20.5 (0.9)
2 hours, but less than 4 hours	52,104 (3,726)	34.6 (0.9)
4 hours, but less than 6 hours	21,833 (1,618)	14.5 (0.7)
6 hours, but less than 10 hours	12,532 (1,052)	8.3 (0.6)
10 hours, but less than 14 hours	2,484 (252)	1.6 (0.2)
14 hours, but less than 24 hours	2,567 (307)	1.7 (0.2)
24 hours or more	2,274 (414)	1.5 (0.3)
Blank	11,047 (2,642)	7.3 (1.7)
Patient arrived in emergency department after business hours ²		
Yes	84,532 (5,586)	56.1 (1.1)
No	59,969 (3,942)	39.8 (0.9)
Blank	*6,149 (2,117)	* ...

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹APRN is advanced practice registered nurse. PA is physician assistant. The median wait time to see a physician, APRN, or PA was 14.0 minutes; the mean wait time to see a physician, APRN, or PA was 37.4 minutes.

²Business hours are defined as Monday through Friday, 8 a.m. to 5 p.m.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 5. Mode of arrival at emergency department, by patient age: United States, 2019

Age group (years)	Number of visits in thousands	Patient's mode of arrival			
		Total ¹	Ambulance	Other	Unknown or blank
Percent distribution (standard error)					
All visits	150,650	100.0	15.5 (0.7)	82.1 (0.8)	2.4 (0.5)
Under 15	30,003	100.0	4.5 (0.5)	93.9 (0.6)	1.6 (0.3)
Under 1	4,670	100.0	4.8 (1.2)	93.2 (1.2)	* ...
1-4	10,859	100.0	2.4 (0.5)	96.1 (0.7)	* ...
5-14	14,474	100.0	5.9 (0.9)	92.5 (0.9)	1.6 (0.5)
15-24	19,840	100.0	11.2 (0.7)	86.7 (0.8)	2.1 (0.5)
25-44	39,477	100.0	11.9 (0.8)	86.1 (1.0)	2.0 (0.5)
45-64	33,582	100.0	19.2 (1.1)	78.1 (1.2)	2.7 (0.7)
65 and over	27,748	100.0	31.1 (1.2)	65.4 (1.2)	3.5 (0.9)
65-74	13,462	100.0	23.5 (1.5)	73.1 (1.6)	3.5 (0.9)
75 and over	14,286	100.0	38.3 (1.8)	58.1 (1.6)	3.6 (1.1)

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Arrival by ambulance was the mode of arrival for 23,343,000 visits; arrival by other mode was the mode of arrival for 123,722,000 visits.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 6. Expected source of payment at emergency department visits: United States, 2019

Expected source of payment	Number of visits ¹ (standard error) in thousands	Percent of visits (standard error)
All visits	150,650 (9,191)	... ..
Private insurance	44,232 (2,991)	29.4 (1.5)
Medicaid or CHIP ² or other state-based program	55,991 (4,549)	37.2 (2.0)
Medicare	29,815 (1,944)	19.8 (1.0)
Medicare and Medicaid ³	5,590 (550)	3.7 (0.3)
No insurance ⁴	12,578 (1,553)	8.3 (0.9)
Self-pay	12,178 (1,528)	8.1 (0.9)
No charge or charity	416 (114)	0.3 (0.1)
Worker's compensation	1,116 (152)	0.7 (0.1)
Other	5,711 (679)	3.8 (0.4)
Unknown or blank	20,376 (4,758)	13.5 (2.9)

... Category not applicable.

¹Total number of visits exceeds "All visits" and percent of visits exceeds 100% because more than one source of payment may be reported per visit.

²Children's Health Insurance Program.

³Visits are also included in the "Medicaid or CHIP or other state-based program" and "Medicare" categories.

⁴Defined as having only self-pay, no charge, or charity as payment sources.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 7. Triage status of emergency department visits, by selected patient characteristics: United States, 2019

Patient and visit characteristics	Number of visits in thousands	Total	Level 1 (immediate)	Level 2 (emergent)	Level 3 (urgent)	Level 4 (semiurgent)	Level 5 (nonurgent)	No triage ¹	Unknown or blank
All visits	150,650	100.0	0.9 (0.3)	9.6 (0.9)	35.6 (2.3)	21.2 (1.4)	2.7 (0.3)	7.5 (2.3)	22.5 (3.3)
Age group (years)									
Under 15	30,003	100.0	0.4 (0.1)	5.1 (0.9)	26.9 (2.1)	38.7 (2.5)	5.4 (0.7)	* ...	17.5 (3.1)
Under 1	4,670	100.0	0.6 (0.3)	7.2 (2.0)	32.6 (3.0)	35.9 (3.5)	5.9 (1.1)	* ...	14.8 (3.0)
1–4	10,859	100.0	* ...	4.1 (0.9)	24.9 (2.2)	40.8 (2.8)	5.4 (1.0)	* ...	17.6 (3.2)
5–14	14,474	100.0	0.3 (0.2)	5.2 (0.9)	26.5 (2.7)	38.0 (2.9)	5.3 (0.9)	* ...	18.2 (3.3)
15–24	19,840	100.0	0.9 (0.4)	7.7 (1.1)	37.6 (2.4)	23.6 (1.8)	2.7 (0.6)	* ...	21.3 (3.3)
25–44	39,477	100.0	0.7 (0.4)	8.0 (0.9)	37.2 (2.6)	20.0 (1.5)	2.6 (0.3)	7.1 (2.1)	24.4 (3.7)
45–64	33,582	100.0	1.0 (0.3)	11.7 (1.4)	37.4 (2.7)	14.8 (1.1)	1.6 (0.3)	8.5 (2.3)	25.0 (3.8)
65 and over	27,748	100.0	1.4 (0.4)	15.4 (1.7)	39.4 (3.1)	9.9 (0.9)	1.5 (0.5)	9.3 (2.8)	23.2 (3.6)
65–74	13,462	100.0	1.3 (0.4)	15.7 (2.1)	39.5 (3.1)	10.9 (1.1)	1.5 (0.4)	9.1 (2.7)	22.1 (3.6)
75 and over	14,286	100.0	1.4 (0.5)	15.2 (1.7)	39.2 (3.4)	8.9 (1.1)	1.5 (0.6)	* ...	24.2 (3.9)
Sex									
Female	82,235	100.0	0.6 (0.2)	9.1 (0.9)	38.0 (2.5)	20.3 (1.3)	2.5 (0.3)	* ...	21.8 (3.2)
Male	68,415	100.0	1.1 (0.3)	10.1 (1.0)	32.8 (2.1)	22.3 (1.5)	3.0 (0.4)	7.3 (2.0)	23.3 (3.4)
Race ²									
White	107,781	100.0	0.9 (0.2)	10.1 (1.1)	37.0 (2.4)	21.2 (1.4)	2.5 (0.3)	7.2 (2.0)	21.3 (3.5)
Black or African American	36,598	100.0	0.9 (0.5)	7.8 (1.0)	31.8 (2.6)	21.4 (1.9)	3.5 (0.5)	* ...	25.7 (3.8)
Other race groups ³	6,271	100.0	0.6 (0.3)	11.1 (2.1)	35.3 (5.1)	19.8 (3.0)	3.1 (0.9)	* ...	* ...
Ethnicity and race ²									
Hispanic or Latino	26,162	100.0	0.4 (0.2)	6.8 (0.9)	35.8 (3.3)	27.3 (2.6)	3.6 (0.6)	* ...	21.3 (4.8)
Not Hispanic or Latino	124,487	100.0	0.9 (0.3)	10.2 (1.0)	35.6 (2.4)	19.9 (1.3)	2.6 (0.3)	* ...	22.8 (3.3)
White	84,042	100.0	1.0 (0.2)	11.0 (1.2)	37.2 (2.6)	19.5 (1.3)	2.2 (0.3)	7.8 (2.2)	21.4 (3.6)
Black or African American	34,835	100.0	0.9 (0.5)	7.7 (1.0)	31.9 (2.7)	20.9 (1.9)	3.4 (0.6)	* ...	25.8 (3.9)
Other race groups ³	5,610	100.0	0.6 (0.3)	12.0 (2.2)	35.4 (5.1)	19.7 (3.1)	2.6 (0.8)	* ...	* ...
Expected source of payment ⁴									
Private insurance	44,232	100.0	0.8 (0.3)	11.4 (1.2)	40.8 (2.8)	19.2 (1.3)	1.7 (0.3)	7.0 (1.9)	19.2 (3.6)
Medicaid or CHIP ⁵ or other state-based program	55,991	100.0	0.8 (0.4)	8.7 (1.0)	35.1 (2.2)	26.6 (1.8)	3.7 (0.4)	* ...	18.8 (3.2)
Medicare	29,815	100.0	1.2 (0.3)	15.8 (1.6)	41.2 (3.0)	11.4 (0.9)	1.9 (0.4)	* ...	18.8 (3.2)
Medicare and Medicaid ⁶	5,590	100.0	1.2 (0.6)	16.6 (2.1)	42.1 (3.6)	11.8 (1.5)	2.3 (0.8)	* ...	20.0 (4.3)
No insurance ⁷	12,578	100.0	0.6 (0.3)	7.0 (1.2)	37.1 (3.6)	24.9 (2.5)	4.2 (0.9)	* ...	20.0 (4.3)
Worker's compensation	1,116	100.0	* ...	* ...	20.1 (4.5)	46.6 (7.0)	* ...	* ...	* ...
Other	5,711	100.0	2.3 (0.8)	10.8 (1.8)	39.6 (4.2)	21.0 (3.3)	1.8 (0.4)	* ...	* ...
Unknown or blank	20,376	100.0	0.7 (0.2)	* ...	23.7 (6.6)	13.4 (3.4)	1.9 (0.7)	* ...	* ...

See footnotes at end of table.

Table 7. Triage status of emergency department visits, by selected patient characteristics: United States, 2019—Con.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹A visit in which the emergency service area (ESA) coded nursing triage as zero (admitted to hospital or treated immediately) or visit occurred in an ESA that does not conduct triage.

²The race groups White, Black or African American, and Other race groups include people of Hispanic and non-Hispanic origin. People of Hispanic origin may be of any race. Starting with 2009 data, the National Center for Health Statistics has adopted the technique of model-based single imputation for National Hospital Ambulatory Medical Care Survey (NHAMCS) race and ethnicity data. The race imputation is restricted to three categories (White, Black, and Other race groups) based on research by an internal work group and on quality concerns with imputed estimates for race categories other than White and Black. The imputation technique is described in more detail in the 2019 NHAMCS public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf. For 2019, race data were missing for 19.7% (weighted) of visits, and ethnicity data were missing for 17.4% (weighted) of visits.

³Includes Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, and people with more than one race.

⁴Total number of visits exceeds "All visits" because more than one source of payment may be reported per visit.

⁵Children's Health Insurance Program.

⁶Visits are also included in both the "Medicaid or CHIP or other state-based program" and "Medicare" categories.

⁷No insurance is defined as having only self-pay, no charge, or charity as payment sources.

NOTES: The 2019 Patient Record Form (PRF) requested responses using a 1–5 scale. PRF responses were evaluated with reference to responses on the Ambulatory Unit Form, completed during induction, to the question, "How many levels are in this emergency service area's (ESA) triage system?" ESAs reporting 3- or 4-level triage systems had their responses rescaled to fit the 5-level system, such that, for 3-level hospitals, responses of 1, 2, and 3 were recoded to 2, 3, and 4. For ESAs using a 4-level system, responses were recoded from 1–4 to 2–5. The rescaling method was determined in consultation with subject-matter experts and based on record analysis. Rescaling was performed for less than 0.1% of records in 2019. Triage level was imputed in years before 2012. Starting in 2012, triage level has not been imputed. Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 8. Initial blood pressure measurements recorded at emergency department visits for adults, by selected patient characteristics: United States, 2019

Patient characteristic	Number of visits in thousands	Initial blood pressure ¹				
		Total	Not high (SBP less than 120 mmHg and DBP less than 80 mmHg)	Prehypertension (SBP 120–139 mmHg or DBP 80–89 mmHg)	Stage 1 hypertension (SBP 140–159 mmHg or DBP 90–99 mmHg)	Stage 2 hypertension (SBP greater than or equal to 160 mmHg or DBP greater than 100 mmHg)
Percent distribution (standard error)						
All visits ²	110,191	100.0	18.5 (0.6)	32.9 (0.5)	28.6 (0.5)	20.0 (0.5)
Age group (years)						
18–24	14,456	100.0	29.1 (1.7)	45.8 (1.7)	21.0 (1.2)	4.1 (0.6)
25–44	37,329	100.0	20.1 (0.9)	38.2 (0.8)	28.0 (0.8)	13.8 (0.7)
45–64	31,675	100.0	14.2 (0.8)	27.7 (0.8)	32.3 (0.8)	25.9 (1.1)
65–74	12,909	100.0	16.1 (1.4)	26.2 (1.6)	31.9 (1.4)	25.9 (1.5)
75 and over	13,822	100.0	15.6 (0.9)	23.7 (1.3)	26.5 (1.2)	34.2 (1.6)
Sex						
Female	62,915	100.0	20.5 (0.7)	33.6 (0.7)	26.5 (0.6)	19.4 (0.7)
Male	47,277	100.0	15.9 (0.8)	32.1 (0.8)	31.3 (0.7)	20.7 (0.7)
Race ³						
White	79,555	100.0	18.6 (0.6)	32.5 (0.6)	28.8 (0.6)	20.0 (0.6)
Black or African American	26,129	100.0	18.0 (1.1)	34.3 (0.8)	27.7 (1.1)	20.0 (0.8)
Other race groups ⁴	4,507	100.0	20.1 (2.7)	32.2 (2.3)	28.3 (2.0)	19.4 (2.2)
Ethnicity and race ³						
Hispanic or Latino	15,361	100.0	22.4 (1.3)	34.9 (1.4)	26.6 (1.4)	16.1 (1.2)
Not Hispanic or Latino	94,830	100.0	17.9 (0.6)	32.6 (0.5)	28.9 (0.6)	20.6 (0.6)
White	65,716	100.0	17.8 (0.7)	32.3 (0.6)	29.2 (0.8)	20.7 (0.7)
Black or African American	25,030	100.0	17.7 (1.1)	34.0 (0.9)	28.1 (1.1)	20.2 (0.8)
Other race groups ⁴	4,084	100.0	20.1 (2.8)	30.2 (2.3)	29.2 (2.2)	20.5 (2.4)

¹SBP is systolic blood pressure. DBP is diastolic blood pressure. Three high blood pressure categories (SBP greater than 120 or DBP greater than 80) are based on "The Seventh Report of the Joint National Committee on Prevention, Detection, Evaluation, and Treatment of High Blood Pressure" and correspond to prehypertensive, stage 1 hypertensive, and stage 2 hypertensive ranges. If SBP and DBP fell into two categories, the visit was included in the higher blood pressure category.

²Visits by adults (aged 18 and over). Visits where blood pressure was taken represent 95.1% (standard error = 0.9) of all emergency department visits made by adults.

³The race groups White, Black or African American, and Other race groups include people of Hispanic and non-Hispanic origin. People of Hispanic origin may be of any race. For 2019, race data were missing for 18.0% (weighted) of visits made by adults, and ethnicity data were missing for 14.9% (weighted) of visits made by adults. Beginning with 2009, the National Center for Health Statistics has adopted model-based single imputation for National Hospital Ambulatory Medical Care Survey (NHAMCS) race and ethnicity data. The race imputation was restricted to three categories (White, Black, and Other race groups) based on research by an internal work group and on quality concerns with imputed estimates for race categories other than White and Black. The imputation technique is described in more detail in the 2019 NHAMCS public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

⁴Includes Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, and people with more than one race.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 9. Initial temperature, pulse oximetry, and visit history at emergency department visits: United States, 2019

Visit characteristic	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Temperature		
Febrile: Higher than 38.0°C or higher than 100.4°F	5,777 (550)	3.8 (0.3)
Normal: 35.1°C–38.0°C or 95.1°F–100.4°F	133,805 (8,308)	88.8 (1.2)
Hypothermic: 35.0°C and below or 95.0°F and below	* ...	0.1 (0.0)
Blank	10,911 (2,030)	7.2 (1.3)
Pulse oximetry ¹		
95%–100%	128,488 (8,430)	85.3 (1.6)
Less than 95%	11,392 (1,200)	7.6 (0.6)
Blank	10,770 (2,324)	7.1 (1.5)
Episode of care		
Initial visit	131,110 (8,533)	87.0 (1.7)
Follow-up visit	9,268 (1,131)	6.2 (0.6)
Unknown or blank	10,272 (2,548)	6.8 (1.7)
Patient seen in this emergency department within the last 72 hours		
Yes	5,413 (626)	3.6 (0.4)
No	131,735 (9,132)	87.4 (1.7)
Unknown or blank	13,502 (2,473)	9.0 (1.7)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

0.0 Quantity more than zero but less than 0.05.

¹Normal oxygen saturation as measured by pulse oximetry is 95% or more.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 10. Ten principal reasons for emergency department visits, by patient age and sex: United States, 2019

Principal reason for visit and RVC code ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Stomach and abdominal pain, cramps and spasms S545	13,142 (1,049)	8.7 (0.4)
Chest pain and related symptoms (not referable to body systems) S050	8,043 (660)	5.3 (0.3)
Fever S010	6,516 (788)	4.3 (0.4)
Cough S440	5,404 (501)	3.6 (0.3)
Shortness of breath S415	4,429 (384)	2.9 (0.2)
Headache, pain in head S210	3,856 (339)	2.6 (0.2)
Back symptoms S905	3,435 (308)	2.3 (0.2)
Pain, site not referable to a specific body system S055	3,212 (274)	2.1 (0.2)
Vomiting S530	2,987 (298)	2.0 (0.2)
Injury, other and unspecified type—head, neck, and face J505	2,590 (302)	1.7 (0.2)
All other reasons ²	97,035 (5,895)	64.4 (0.7)
All visits under age 15	30,003 (3,606)	100.0 ...
Female	13,689 (1,765)	45.6 (1.2)
Fever S010	2,307 (378)	7.7 (0.6)
Cough S440	1,100 (177)	3.7 (0.5)
Stomach and abdominal pain, cramps and spasms S545	921 (149)	3.1 (0.3)
Skin rash S860	508 (102)	1.7 (0.2)
Vomiting S530	473 (82)	1.6 (0.2)
Injury, other and unspecified type—head, neck, and face J505	425 (88)	1.4 (0.3)
Earache or ear infection S355	368 (96)	1.2 (0.3)
Headache, pain in head S210	348 (93)	1.2 (0.3)
Nasal congestion S400	* ...	0.8 (0.2)
Symptoms referable to throat S455	239 (46)	0.8 (0.1)
All other reasons ²	6,760 (906)	22.5 (0.9)
Male	16,313 (1,905)	54.4 (1.2)
Fever S010	2,643 (396)	8.8 (0.8)
Cough S440	1,529 (212)	5.1 (0.5)
Skin rash S860	801 (175)	2.7 (0.4)
Stomach and abdominal pain, cramps and spasms S545	711 (130)	2.4 (0.3)
Injury, other and unspecified type—head, neck, and face J505	654 (127)	2.2 (0.3)
Vomiting S530	652 (118)	2.2 (0.3)
Earache or ear infection S355	561 (108)	1.9 (0.3)
Symptoms referable to throat S455	375 (72)	1.2 (0.2)
Headache, pain in head S210	311 (65)	1.0 (0.2)
Labored or difficult breathing (dyspnea) S420	283 (67)	0.9 (0.2)
All other reasons ²	7,795 (897)	26.0 (1.2)

See footnotes at end of table.

Table 10. Ten principal reasons for emergency department visits, by patient age and sex: United States, 2019–Con.

Principal reason for visit and RVC code ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits, ages 15–64 years.	92,899 (5,851)	100.0 ...
Female.	52,574 (3,598)	56.6 (0.8)
Stomach and abdominal pain, cramps and spasms. S545	6,615 (603)	7.1 (0.4)
Chest pain and related symptoms (not referable to body systems) S050	3,149 (279)	3.4 (0.2)
Headache, pain in head S210	1,641 (186)	1.8 (0.2)
Pain, site not referable to a specific body system S055	1,451 (168)	1.6 (0.2)
Back symptoms S905	1,408 (170)	1.5 (0.2)
Shortness of breath S415	1,404 (155)	1.5 (0.1)
Cough. S440	1,345 (165)	1.4 (0.1)
Problems of pregnancy S790	1,173 (228)	1.3 (0.2)
Symptoms referable to throat. S455	1,105 (131)	1.2 (0.1)
Nausea S525	980 (141)	1.1 (0.1)
All other reasons ²	32,303 (2,311)	34.8 (0.7)
Male.	40,326 (2,420)	43.4 (0.8)
Stomach and abdominal pain, cramps and spasms. S545	3,106 (290)	3.3 (0.2)
Chest pain and related symptoms (not referable to body systems) S050	2,750 (336)	3.0 (0.3)
Back symptoms S905	1,086 (153)	1.2 (0.1)
Pain, site not referable to a specific body system S055	1,045 (120)	1.1 (0.1)
Headache, pain in head S210	1,031 (128)	1.1 (0.1)
Shortness of breath S415	1,021 (143)	1.1 (0.1)
Cough. S440	921 (132)	1.0 (0.1)
Other symptoms or problems relating to psychological and mental disorders S165	867 (124)	0.9 (0.1)
Foot and toe symptoms S935	747 (113)	0.8 (0.1)
Leg symptoms S920	731 (91)	0.8 (0.1)
All other reasons ²	27,021 (1,530)	29.1 (0.7)

See footnotes at end of table.

Table 10. Ten principal reasons for emergency department visits, by patient age and sex: United States, 2019—Con.

Principal reason for visit and RVC code ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits, ages 65 and over	27,748 (1,801)	100.0 ...
Female	15,973 (1,080)	57.6 (1.0)
Chest pain and related symptoms (not referable to body systems) S050	1,100 (158)	4.0 (0.5)
Stomach and abdominal pain, cramps and spasms. S545	1,065 (131)	3.8 (0.4)
Shortness of breath S415	909 (128)	3.3 (0.4)
General weakness S020	633 (100)	2.3 (0.3)
Accident, not otherwise specified J810	612 (108)	2.2 (0.4)
Vertigo—dizziness S225	579 (112)	2.1 (0.4)
Leg symptoms S920	476 (80)	1.7 (0.3)
Back symptoms S905	472 (87)	1.7 (0.3)
Other symptoms or problems relating to psychological and mental disorders S165	430 (77)	1.6 (0.3)
Hypertension D510	378 (75)	1.4 (0.3)
All other reasons ²	9,318 (677)	33.6 (1.0)
Male	11,775 (809)	42.4 (1.0)
Shortness of breath S415	803 (127)	2.9 (0.4)
Chest pain and related symptoms (not referable to body systems) S050	775 (119)	2.8 (0.4)
Stomach and abdominal pain, cramps and spasms. S545	723 (111)	2.6 (0.3)
Other symptoms or problems relating to psychological and mental disorders S165	365 (62)	1.3 (0.2)
Back symptoms S905	343 (76)	1.2 (0.2)
Vertigo—dizziness S225	332 (75)	1.2 (0.2)
General weakness S020	319 (57)	1.2 (0.2)
Accident, not otherwise specified J810	281 (62)	1.0 (0.2)
Leg symptoms S920	277 (52)	1.0 (0.2)
Pain, site not referable to a specific body system S055	276 (57)	1.0 (0.2)
All other reasons ²	7,281 (504)	26.2 (1.0)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Reason for visit is based on the patient's own words and coded according to the classification described in "A Reason for Visit Classification (RVC) for Ambulatory Care," National Center for Health Statistics, Series Report 2, Number 78. See the 2019 National Hospital Ambulatory Medical Care Survey public-use documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

²Category includes all other reasons not listed above and unknown and blanks.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 11. Primary diagnosis at emergency department visits, by major disease category: United States, 2019

Major disease category and ICD-10-CM code range ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Certain infectious and parasitic diseases	A00-B99 4,185 (347)	2.8 (0.2)
Neoplasms.	C00-D49 418 (80)	0.3 (0.1)
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89 939 (132)	0.6 (0.1)
Endocrine, nutritional, and metabolic diseases	E00-E89 2,738 (364)	1.8 (0.2)
Mental, behavioral and neurodevelopmental disorders	F01-F99 5,693 (426)	3.8 (0.2)
Diseases of the nervous system	G00-G99 3,134 (278)	2.1 (0.1)
Diseases of the eye and adnexa	H00-H59 1,373 (161)	0.9 (0.1)
Diseases of the ear and mastoid process	H60-H95 2,586 (394)	1.7 (0.2)
Diseases of the circulatory system	I00-I99 5,408 (414)	3.6 (0.2)
Diseases of the respiratory system	J00-J99 15,792 (1,331)	10.5 (0.6)
Diseases of the digestive system	K00-K95 8,994 (661)	6.0 (0.3)
Diseases of the skin and subcutaneous tissue	L00-L99 4,956 (384)	3.3 (0.2)
Diseases of the musculoskeletal system and connective tissue	M00-M99 11,157 (840)	7.4 (0.4)
Diseases of the genitourinary system	N00-N99 7,927 (632)	5.3 (0.3)
Pregnancy, childbirth and the puerperium	O00-O9A 2,748 (391)	1.8 (0.2)
Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified.	R00-R99 39,031 (2,840)	25.9 (0.8)
Injury, poisoning and certain other consequences of external causes	S00-T88 26,215 (1,709)	17.4 (0.5)
Injuries to the head	S00-S09 5,940 (482)	22.7 (1.1)
Injuries to the neck	S10-S19 835 (120)	3.2 (0.4)
Injuries to the thorax	S20-S29 1,262 (181)	4.8 (0.6)
Injuries to the abdomen, lower back, lumbar spine, pelvis and external genitals	S30-S39 1,238 (153)	4.7 (0.5)
Injuries to the shoulder and upper arm	S40-S49 1,368 (162)	5.2 (0.5)
Injuries to the elbow and forearm	S50-S59 1,340 (187)	5.1 (0.5)
Injuries to the wrist, hand and fingers	S60-S69 3,438 (243)	13.1 (0.8)
Injuries to the hip and thigh	S70-S79 698 (115)	2.7 (0.4)
Injuries to the knee and lower leg	S80-S89 2,280 (263)	8.7 (0.8)
Injuries to the ankle and foot	S90-S99 2,304 (175)	8.8 (0.6)
Injuries involving multiple body regions or unspecified body region	T07, T14 1,181 (145)	4.5 (0.6)
Effects of foreign body entering through natural orifice	T15-T19 610 (93)	2.3 (0.3)
Burns and corrosions.	T20-T32 414 (77)	1.6 (0.3)
Frostbite.	T33-T34 * ...	* ...
Poisoning by, adverse effect of and underdosing of drugs, medicaments and biological substances	T36-T50 1,204 (181)	4.6 (0.5)
Toxic effects of substances chiefly nonmedicinal as to source	T51-T65 270 (74)	1.0 (0.3)
Other and unspecified effects of external causes	T66-T78 1,213 (151)	4.6 (0.5)
Certain early complications of trauma	T79 * ...	* ...
Complications of surgical and medical care	T80-T88 593 (101)	2.3 (0.4)
All other diagnoses ². . . . .	... 6,552 (568)	4.3 (0.3)
Unknown or blank . . . . .	... 804 (159)	0.5 (0.1)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Based on the *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD-10-CM). However, certain codes have been combined in this table to better describe the use of ambulatory care services. Web tables presenting diagnosis estimates before 2016 used the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding system. Substantial differences between ICD-9-CM and ICD-10-CM exist, so users should take caution when comparing diagnosis estimates in this table with those before 2016.

²Includes certain conditions originating in the perinatal period (P00-P96), congenital malformations, deformations and chromosomal abnormalities (Q00-Q99), external causes of morbidity (V00-Y99), and factors influencing health status and contact with health services (Z00-Z99).

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 12. Annual number and percent distribution of emergency department visits, by diagnosis group: United States, 2019

Primary diagnosis group ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Certain infectious and parasitic diseases:		
Septicemia (sepsis)	561 (88)	0.4 (0.1)
Human immunodeficiency virus syndrome (HIV, HIV+, HIV positive).	* ...	0.0 (0.0)
Viral warts, not sexually transmitted	* ...	* ...
Acute and chronic viral hepatitis B	* ...	* ...
Sexually transmitted infections, excluding viral hepatitis and HIV	* ...	0.1 (0.0)
Unspecified viral infection	1,555 (197)	1.0 (0.1)
Dermatophytosis	* ...	0.0 (0.0)
Candidiasis	* ...	0.2 (0.1)
Other systemic infectious and parasitic diseases	1,449 (168)	1.0 (0.1)
Neoplasms ² :		
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism:		
Anemias	767 (123)	0.5 (0.1)
Other diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	* ...	0.1 (0.0)
Endocrine, nutritional and metabolic diseases:		
Acquired hypothyroidism	* ...	0.0 (0.0)
Disorders of thyroid gland, excluding acquired hypothyroidism	* ...	* ...
Type 1 diabetes mellitus	* ...	0.1 (0.0)
Type 2 diabetes mellitus or unspecified	689 (163)	0.5 (0.1)
Other types of diabetes mellitus	* ...	0.0 (0.0)
Other disorders of endocrine glands	* ...	0.1 (0.0)
Obesity	* ...	* ...
Hyperlipidemias	* ...	* ...
Volume depletion	736 (125)	0.5 (0.1)
Other nutritional deficiencies and metabolic disorders	829 (110)	0.6 (0.1)
Mental, behavioral and neurodevelopmental disorders:		
Dementia, excluding Alzheimer disease	* ...	0.1 (0.0)
Alcohol-related disorders, excluding alcohol-related dementia and chronic alcoholic liver disease	1,388 (135)	0.9 (0.1)
Opioid-related disorders	152 (42)	0.1 (0.0)
Cocaine-related disorders	* ...	0.0 (0.0)
Cannabis-related disorders	* ...	0.1 (0.0)
Nicotine dependence	* ...	* ...
Other drug-related disorders, excluding other drug-related dementia	418 (71)	0.3 (0.0)
Schizophrenia	135 (37)	0.1 (0.0)
Non-mood psychoses, excluding schizophrenia	372 (73)	0.2 (0.0)
Bipolar disorders, excluding those with depression	172 (40)	0.1 (0.0)
Bipolar disorders, with depression	* ...	0.0 (0.0)
Depressive disorders, excluding bipolar depression and adjustment reaction with depressed mood	893 (126)	0.6 (0.1)
Dysthymic disorder	* ...	* ...
Acute reaction to stress and adjustment reaction, excluding those with depressed mood	134 (34)	0.1 (0.0)
Acute reaction to stress and adjustment reaction, with depressed mood	* ...	0.0 (0.0)
Eating disorders	* ...	* ...
Impulse disorders	* ...	* ...
Other mood disorders, nonpsychotic mental disorders, behavioral syndromes, and disorders of adult personality and behavior	1,317 (148)	0.9 (0.1)
Attention-deficit/hyperactivity disorders	* ...	0.0 (0.0)
Oppositional defiant disorder	* ...	* ...
Conduct disorders, excluding oppositional defiant disorder	* ...	0.0 (0.0)
Autism spectrum disorder	* ...	* ...
Other mental disorders	* ...	0.1 (0.0)
Diseases of the nervous system:		
Alzheimer disease	* ...	* ...
Other degenerative diseases of the nervous system, excluding Alzheimer disease	* ...	* ...
Migraine	834 (147)	0.6 (0.1)
Transient cerebral ischemic attacks and related syndromes	271 (64)	0.2 (0.0)
Sleep disorders, excluding sleep apnea (adult, pediatric, obstructive) and non-organic sleep disorders	* ...	0.1 (0.0)
Obstructive sleep apnea (adult, pediatric) and sleep apnea, not otherwise specified	* ...	0.0 (0.0)
Carpal tunnel syndrome	* ...	0.0 (0.0)
Generalized pain and acute and chronic pain syndromes	554 (98)	0.4 (0.1)
Other disorders of the nervous system	1,395 (140)	0.9 (0.1)

See footnotes at end of table.

Table 12. Annual number and percent distribution of emergency department visits, by diagnosis group: United States, 2019—Con.

Primary diagnosis group ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
Diseases of the eye and adnexa:		
Inflammation and disorders of eyelid	* ...	0.1 (0.0)
Conjunctivitis	672 (110)	0.4 (0.1)
Retinal detachment and other retinal disorders, excluding diabetic retinopathy	* ...	* ...
Glaucoma	* ...	* ...
Other disorders of the eye and adnexa	561 (81)	0.4 (0.1)
Diseases of the ear and mastoid process:		
Disorders of external ear	362 (68)	0.2 (0.0)
Otitis media and Eustachian tube disorders	1,701 (331)	1.1 (0.2)
Other disorders of the ear and mastoid process	524 (79)	0.3 (0.0)
Diseases of the circulatory system:		
Essential hypertension	1,131 (196)	0.8 (0.1)
Hypertensive heart disease with heart failure	* ...	0.1 (0.0)
Hypertensive heart and chronic kidney disease with heart failure and stage 1 through 4 chronic kidney disease or unspecified chronic kidney disease	* ...	0.0 (0.0)
Hypertensive chronic kidney disease with stage 5 chronic kidney disease or end-stage renal disease (ESRD)	* ...	* ...
Hypertensive heart and chronic kidney disease with heart failure with stage 5 chronic kidney disease or ESRD	* ...	* ...
Secondary hypertension	* ...	* ...
Hypertensive crisis	* ...	0.1 (0.0)
Angina pectoris not stated as with chronic ischemic heart disease	* ...	0.1 (0.0)
Acute myocardial infarction	378 (96)	0.3 (0.1)
Other acute and subacute ischemic heart disease	* ...	0.0 (0.0)
Coronary atherosclerosis and other chronic ischemic heart disease (with angina pectoris)	* ...	0.1 (0.0)
Pulmonary heart disease and diseases of pulmonary circulation	* ...	0.1 (0.0)
Conduction disorders	* ...	* ...
Cardiac dysrhythmias, excluding ventricular fibrillation	816 (122)	0.5 (0.1)
Cardiac arrest and ventricular fibrillation	* ...	0.1 (0.0)
Heart failure, non-hypertensive	565 (91)	0.4 (0.1)
Pericarditis, endocarditis, myocarditis and cardiomyopathy	* ...	* ...
Other and ill-defined heart disease	* ...	* ...
Cerebrovascular disease	432 (78)	0.3 (0.1)
Diseases of the arteries, arterioles and capillaries	* ...	0.1 (0.0)
Varicose veins of lower extremity	* ...	0.0 (0.0)
Other disorder of circulatory system	935 (115)	0.6 (0.1)
Diseases of the respiratory system:		
Streptococcal pharyngitis and tonsillitis	793 (130)	0.5 (0.1)
Acute sinusitis	322 (71)	0.2 (0.0)
Acute pharyngitis, except streptococcal pharyngitis	1,703 (219)	1.1 (0.1)
Acute tonsillitis, except streptococcal tonsillitis	* ...	0.1 (0.0)
Influenza	1,228 (163)	0.8 (0.1)
Pneumonia due to infectious organism	1,798 (256)	1.2 (0.1)
Acute bronchitis and bronchiolitis	1,299 (173)	0.9 (0.1)
Other acute respiratory infections	2,976 (319)	2.0 (0.2)
Allergic rhinitis	* ...	0.1 (0.0)
Chronic sinusitis	* ...	0.1 (0.0)
Deviated nasal septum	* ...	* ...
Chronic diseases of tonsils and adenoids	* ...	* ...
Chronic and unspecified bronchitis	684 (138)	0.5 (0.1)
Bronchiectasis, emphysema and other chronic obstructive pulmonary disease, including chronic obstructive asthma	988 (144)	0.7 (0.1)
Asthma, excluding chronic obstructive asthma	1,836 (235)	1.2 (0.1)
Respiratory failure	* ...	0.2 (0.1)
Croup	626 (95)	0.4 (0.1)
Aspiration pneumonia	* ...	0.0 (0.0)
Other diseases of the respiratory system	679 (117)	0.5 (0.1)
Diseases of the digestive system:		
Diseases of the teeth and supporting structures, excluding dentofacial anomalies and disorders of the jaw	1,720 (212)	1.1 (0.1)
Esophagitis without gastroesophageal reflux disease	* ...	0.0 (0.0)
Gastroesophageal reflux disease (with esophagitis)	461 (71)	0.3 (0.0)
Other diseases of the esophagus	* ...	0.0 (0.0)
Ulcers of stomach and small intestine	* ...	* ...
Gastritis and duodenitis	396 (98)	0.3 (0.1)
Appendicitis	306 (61)	0.2 (0.0)

See footnotes at end of table.

Table 12. Annual number and percent distribution of emergency department visits, by diagnosis group: United States, 2019—Con.

Primary diagnosis group ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
Diseases of the digestive system—Con.:		
Diaphragmatic hernia	* ...	0.0 (0.0)
Hernias of abdominal cavity, except diaphragmatic hernia	* ...	0.2 (0.0)
Crohn's disease and ulcerative colitis	* ...	0.1 (0.0)
Other and unspecified noninfectious enteritis and colitis	1,013 (157)	0.7 (0.1)
Intestinal obstructions	436 (85)	0.3 (0.1)
Diverticula of intestine	481 (72)	0.3 (0.0)
Irritable bowel syndrome	* ...	* ...
Constipation	1,055 (113)	0.7 (0.1)
Anal and rectal diseases	428 (80)	0.3 (0.1)
Hemorrhoids and perianal venous thrombosis	* ...	0.1 (0.0)
Alcoholic liver disease	* ...	* ...
Other diseases of the liver	* ...	0.0 (0.0)
Disorders of gallbladder and biliary tract	625 (93)	0.4 (0.1)
Diseases of the pancreas	297 (62)	0.2 (0.0)
Unspecified gastrointestinal bleeding	584 (84)	0.4 (0.1)
Other diseases of the digestive system	360 (71)	0.2 (0.0)
Diseases of the skin and subcutaneous tissue:		
Cellulitis	1,750 (164)	1.2 (0.1)
Cutaneous abscess	908 (117)	0.6 (0.1)
Other local infections of the skin and subcutaneous tissue	570 (116)	0.4 (0.1)
Contact dermatitis and other eczema	229 (53)	0.2 (0.0)
Psoriasis and other similar disorders	* ...	* ...
Urticaria	275 (58)	0.2 (0.0)
Other inflammatory conditions of skin and subcutaneous tissue	509 (84)	0.3 (0.1)
Actinic keratosis and other sun exposure-related disorders	* ...	0.0 (0.0)
Acne	* ...	* ...
Sebaceous cyst	* ...	0.0 (0.0)
Corns, callosities and other hypertrophic and atrophic skin condition	* ...	* ...
Pressure ulcers	* ...	* ...
Other disorders of the skin and subcutaneous tissue	432 (84)	0.3 (0.1)
Diseases of the musculoskeletal system and connective tissue:		
Rheumatoid arthritis	* ...	* ...
Infectious and inflammatory arthropathies, excluding rheumatoid and juvenile arthritis	331 (74)	0.2 (0.1)
Osteoarthritis	252 (54)	0.2 (0.0)
Internal derangement of knee	* ...	* ...
Other joint disorders	3,039 (288)	2.0 (0.1)
Spinal stenosis	* ...	* ...
Spondylopathies, excluding spinal stenosis	* ...	0.0 (0.0)
Intervertebral disc disorders	* ...	0.1 (0.0)
Low back pain, unspecified	1,410 (166)	0.9 (0.1)
Other conditions of the spine and back, excluding low back pain	2,501 (286)	1.7 (0.2)
Synovitis and tenosynovitis	* ...	* ...
Soft tissue disorders related to use, overuse and pressure	285 (65)	0.2 (0.0)
Ganglion and cyst of synovium, tendon and bursa	* ...	0.0 (0.0)
Myalgia and myositis, unspecified	* ...	0.1 (0.0)
Osteoporosis	* ...	* ...
Disorders of bone and cartilage, excluding osteoporosis	* ...	0.1 (0.0)
Other diseases of the musculoskeletal system and connective tissue	2,649 (244)	1.8 (0.1)
Diseases of the genitourinary system:		
Nephritis, nephrotic syndrome, and nephrosis	* ...	* ...
Infections of kidney	513 (107)	0.3 (0.1)
Acute kidney failure	527 (134)	0.4 (0.1)
Chronic kidney disease, excluding ESRD	* ...	0.1 (0.0)
ESRD	* ...	0.1 (0.0)
Unspecified kidney failure, including uremia, not otherwise specified	* ...	* ...
Calculus of kidney and ureter	769 (112)	0.5 (0.1)
Cystitis	769 (125)	0.5 (0.1)
Urinary tract infection, site not specified	2,257 (225)	1.5 (0.1)
Other diseases of the urinary system	478 (94)	0.3 (0.1)
Benign prostatic hyperplasia	* ...	* ...
Disorders of prepuce	* ...	0.0 (0.0)
Other disorders of male genital organs	589 (93)	0.4 (0.1)
Unspecified lump or mass in breast	* ...	* ...

See footnotes at end of table.

Table 12. Annual number and percent distribution of emergency department visits, by diagnosis group: United States, 2019—Con.

Primary diagnosis group ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
Diseases of the genitourinary system—Con.:		
Disorders of the breast, excluding unspecified lump or mass	* ...	0.1 (0.0)
Inflammatory disease of female pelvic organs	257 (53)	0.2 (0.0)
Endometriosis	* ...	* ...
Genital prolapse (female)	* ...	* ...
Other noninflammatory disorders of female genital organs	334 (57)	0.2 (0.0)
Disorders of menstruation and abnormal bleeding	721 (105)	0.5 (0.1)
Menopausal and postmenopausal disorders	* ...	* ...
Other disorders of female genital tract	* ...	0.1 (0.0)
Complications of pregnancy, childbirth, and the puerperium:		
Nonuterine pregnancy	* ...	0.0 (0.0)
Missed abortion	* ...	* ...
Encounter for supervision of high-risk pregnancy	* ...	* ...
Early or threatened labor	* ...	* ...
Encounter for full-term uncomplicated delivery	* ...	* ...
Pre-existing diabetes mellitus, type 2, complicating pregnancy	* ...	* ...
Encounter for supervision of normal pregnancy	332 (126)	0.2 (0.1)
Other encounter related to pregnancy, excluding incidental pregnancy	* ...	0.1 (0.0)
Postpartum care and examination	* ...	* ...
Other complications of pregnancy	2,428 (370)	1.6 (0.2)
Complications of childbirth (includes labor and delivery)	* ...	0.0 (0.0)
Complications of the puerperium	* ...	0.1 (0.0)
Sleep apnea of newborn	* ...	* ...
Certain other conditions originating in the perinatal period	* ...	0.1 (0.0)
Congenital anomalies:		
Congenital anomalies	* ...	0.1 (0.0)
Symptoms, signs, and ill-defined conditions:		
Abnormal heart beat and heart sounds	911 (126)	0.6 (0.1)
Epistaxis	498 (78)	0.3 (0.1)
Cough, unspecified	1,427 (215)	0.9 (0.1)
Dyspnea and respiratory abnormalities	1,554 (154)	1.0 (0.1)
Chest pain	5,874 (488)	3.9 (0.2)
Abdominal pain	7,279 (637)	4.8 (0.3)
Fecal incontinence	* ...	* ...
Unspecified jaundice, edema and other non-specific skin symptoms	2,037 (275)	1.4 (0.1)
Hematuria	341 (67)	0.2 (0.0)
Urinary incontinence, unspecified and functional	* ...	* ...
Symptoms involving the genitourinary system, excluding hematuria and urinary incontinence	639 (92)	0.4 (0.1)
Vertigo and lightheadedness	1,318 (147)	0.9 (0.1)
Fever of other and unknown origin	2,431 (297)	1.6 (0.2)
Headache, unspecified	2,122 (243)	1.4 (0.1)
Malaise and fatigue	961 (130)	0.6 (0.1)
Syncope and collapse	1,686 (210)	1.1 (0.1)
Convulsions and seizures, not elsewhere classified	764 (107)	0.5 (0.1)
Unspecified nausea, vomiting, diarrhea	3,511 (318)	2.3 (0.2)
Other symptoms, signs, abnormal findings and ill-defined conditions	5,530 (555)	3.7 (0.3)
Injury and poisoning:		
Injury of eye and orbit	288 (58)	0.2 (0.0)
Contusions (bruise, hematoma) of face and head	662 (85)	0.4 (0.1)
Contusions (bruise, hematoma), excluding face and head	2,423 (232)	1.6 (0.1)
Superficial injuries, excluding contusions (abrasion, blister, external constriction, splinter, superficial bite)	1,225 (146)	0.8 (0.1)
Open wound of head	1,883 (225)	1.2 (0.1)
Open wound of wrist, hand and fingers	1,574 (148)	1.0 (0.1)
Open wound of hip and lower limb	804 (119)	0.5 (0.1)
Open wound, excluding head, hand, fingers, lower limb and internal organs	467 (82)	0.3 (0.1)
Traumatic fracture of shoulder and upper arm (clavicle, scapula, humerus)	406 (97)	0.3 (0.1)
Traumatic fracture of forearm (radius and ulna)	613 (99)	0.4 (0.1)
Traumatic fracture of wrist, hand and fingers (carpal, metacarpals, phalanges)	615 (78)	0.4 (0.1)
Traumatic fracture of hip (head and neck of femur)	* ...	0.1 (0.0)
Traumatic fracture of ankle (medial malleolus, lateral malleolus, bimalleolar, trimalleolar)	* ...	0.1 (0.0)
Traumatic fracture of leg, foot and toes, excluding hip and ankle (femur, patella, tibia, fibula, tarsals, metatarsals, phalanges)	662 (88)	0.4 (0.1)
Other traumatic fractures (skull, facial bones, vertebrae, ribs, sternum, pelvis)	873 (111)	0.6 (0.1)
Tear of medial meniscus, current injury	* ...	* ...

See footnotes at end of table.

Table 12. Annual number and percent distribution of emergency department visits, by diagnosis group: United States, 2019—Con.

Primary diagnosis group ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
Injury and poisoning—Con.:		
Dislocations, excluding tear of medial meniscus	542 (106)	0.4 (0.1)
Sprains and strains of neck	694 (107)	0.5 (0.1)
Sprains and strains of back	751 (118)	0.5 (0.1)
Sprains and strains of wrist and hand	271 (49)	0.2 (0.0)
Sprains and strains of knee	278 (66)	0.2 (0.0)
Strains and sprains of ankle	983 (113)	0.7 (0.1)
Sprain and strains, excluding neck, back, wrist, hand, knee, ankle	683 (89)	0.5 (0.1)
Concussion	430 (74)	0.3 (0.0)
Intracranial injury, excluding concussion	199 (49)	0.1 (0.0)
Internal injury of chest, abdomen and pelvis	* ...	0.0 (0.0)
Head injury, not otherwise specified	1,678 (222)	1.1 (0.1)
Other injuries, excluding burns and poisonings	3,121 (262)	2.1 (0.2)
Burns and corruptions, external and internal, excluding sunburn	414 (77)	0.3 (0.0)
Poisoning (overdose or wrong substance given or taken in error) due to drugs and biological substances, accidental (unintentional)	536 (94)	0.4 (0.1)
Poisoning (overdose or wrong substance given or taken in error) due to drugs and biological substances, intentional self-harm	* ...	0.1 (0.0)
Poisoning (overdose or wrong substance given or taken in error) due to drugs and biological substances, undetermined intent	* ...	0.1 (0.0)
Adverse effects (of correct substance properly administered) of drugs and biological substances	342 (110)	0.2 (0.1)
Toxic effects of substances chiefly non-medical, accidental (unintentional)	* ...	0.2 (0.0)
Toxic effects of substances chiefly non-medical, intentional self-harm	* ...	* ...
Toxic effects of substances chiefly non-medical, undetermined	* ...	* ...
Other and unspecified effects of external causes	1,224 (151)	0.8 (0.1)
Complications of surgical and medical care	876 (112)	0.6 (0.1)
Factors influencing health status and contact with health services:		
Encounter for general adult medical examinations, including routine gynecological examination	297 (79)	0.2 (0.1)
Encounter for routine newborn health examination	* ...	* ...
Encounter for routine child examination, excluding newborns	* ...	0.1 (0.0)
Encounter and observation for suspected conditions ruled out	545 (102)	0.4 (0.1)
Encounter for specific procedures and aftercare and follow-up examination after completed treatment, excluding for injuries	1,097 (154)	0.7 (0.1)
Potential health hazards related to communicable diseases	187 (40)	0.1 (0.0)
Encounter for contraceptive management	* ...	* ...
Personal history of cerebral infarction or transient ischemic attack (TIA) without residual deficits	* ...	* ...
Potential health hazards related to personal and family history, excluding personal history of pulmonary embolism and personal history of cerebral infarction or TIA without residual deficits	* ...	0.1 (0.0)
Encounter for screening colonoscopy	* ...	* ...
Other factors influencing health status and contact with health services	2,375 (236)	1.6 (0.1)
Uncodable entries ³	1,044 (301)	0.7 (0.2)
Unknown or blank	804 (159)	0.5 (0.1)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

0.0 Quantity more than zero but less than 0.05.

¹Based on *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD-10-CM). Codes have been combined in this table according to the National Center for Health Statistics Diagnosis Master Category List (DMCL). For a list of ICD-10-CM codes corresponding to a specific diagnosis group, refer to the DMCL document, available from: https://www.cdc.gov/nchs/data/ahcd/Reclass_ICD_10_CM_tables.pdf. Web tables presenting diagnosis estimates before 2016 used the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding system. Due to substantial differences between ICD-9-CM and ICD-10-CM, caution is advised when comparing diagnosis estimates in this table with those before 2016.

²Diagnosis groups for this chapter are not shown due to low sample sizes.

³Includes illegible diagnosis, left before being seen, walked out, eloped, left against medical advice, and entries of "none," "no diagnosis," "no disease," and "healthy" as the only entry in the diagnosis item.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 13. Presence of chronic conditions at emergency department visits: United States, 2019

Chronic condition ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Alcohol misuse, abuse, or dependence	5,126 (433)	3.4 (0.3)
Alzheimer disease or dementia	1,924 (206)	1.3 (0.1)
Asthma	14,972 (1,067)	9.9 (0.4)
Cancer	6,278 (483)	4.2 (0.3)
Cerebrovascular disease or history of stroke or transient ischemic attack	5,034 (446)	3.3 (0.3)
Chronic kidney disease	5,018 (476)	3.3 (0.3)
Chronic obstructive pulmonary disease	8,786 (646)	5.8 (0.3)
Congestive heart failure	6,141 (520)	4.1 (0.3)
Coronary artery disease, ischemic heart disease or history of myocardial infarction	9,708 (730)	6.4 (0.4)
Depression	15,433 (1,114)	10.2 (0.5)
Diabetes mellitus—Type 1	805 (120)	0.5 (0.1)
Diabetes mellitus—Type 2	9,566 (841)	6.3 (0.4)
Diabetes mellitus—Type unspecified	8,504 (817)	5.6 (0.5)
End-stage renal disease	1,580 (243)	1.0 (0.2)
History of pulmonary embolism, deep vein thrombosis, or venous thromboembolism	2,472 (271)	1.6 (0.2)
HIV (human immunodeficiency virus) or AIDS (acquired immune deficiency syndrome)	850 (138)	0.6 (0.1)
Hyperlipidemia	15,003 (1,134)	10.0 (0.6)
Hypertension	38,892 (2,556)	25.8 (1.1)
Obesity	8,677 (1,127)	5.8 (0.6)
Obstructive sleep apnea	3,803 (414)	2.5 (0.2)
Osteoporosis	1,184 (124)	0.8 (0.1)
Substance abuse or dependence	8,771 (910)	5.8 (0.5)
None of the above	71,984 (5,327)	47.8 (1.5)
Blank	*2,983 (1,345)	* ...

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Presence of chronic conditions is based on the checklist of chronic conditions and reported diagnoses.

NOTES: Numbers may not add to totals due to rounding. Total number of visits exceeds "All visits" and percentage exceeds 100% because more than one chronic condition may be reported per visit.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 14. Injury visits to emergency departments, by selected patient and hospital characteristics: United States, 2019

Patient and hospital characteristics	Number of visits (standard error) in thousands	Percent distribution (standard error)	Number of visits per 100 people ¹ (standard error)
All injury visits ²	40,988 (2,505)	100.0 ...	12.7 (0.8)
Age group (years)			
Under 15	8,261 (976)	20.2 (1.7)	13.6 (1.6)
Under 1	563 (147)	1.4 (0.3)	14.9 (3.9)
1–4	2,555 (308)	6.2 (0.6)	16.2 (2.0)
5–14	5,144 (611)	12.5 (1.1)	12.6 (1.5)
15–24	6,177 (484)	15.1 (0.7)	14.8 (1.2)
25–44	10,755 (675)	26.2 (1.0)	12.6 (0.8)
45–64	8,561 (594)	20.9 (0.9)	10.4 (0.7)
65 and over	7,234 (527)	17.7 (0.9)	13.7 (1.0)
65–74	3,338 (306)	8.1 (0.5)	10.7 (1.0)
75 and over	3,896 (325)	9.5 (0.7)	18.1 (1.5)
Sex and age group (years)			
Female	20,282 (1,321)	49.5 (0.8)	12.3 (0.8)
Under 15	3,793 (505)	9.3 (1.0)	12.8 (1.7)
15–24	2,973 (272)	7.3 (0.4)	14.3 (1.3)
25–44	5,028 (385)	12.3 (0.7)	11.6 (0.9)
45–64	4,199 (345)	10.2 (0.6)	9.9 (0.8)
65–74	1,764 (189)	4.3 (0.4)	10.6 (1.1)
75 and over	2,525 (249)	6.2 (0.6)	20.3 (2.0)
Male	20,706 (1,266)	50.5 (0.8)	13.1 (0.8)
Under 15	4,468 (513)	10.9 (0.9)	14.4 (1.7)
15–24	3,204 (261)	7.8 (0.4)	15.3 (1.2)
25–44	5,727 (377)	14.0 (0.7)	13.5 (0.9)
45–64	4,362 (333)	10.6 (0.6)	10.9 (0.8)
65–74	1,574 (189)	3.8 (0.4)	10.8 (1.3)
75 and over	1,371 (134)	3.3 (0.3)	15.1 (1.5)
Ownership			
Voluntary	28,086 (2,263)	68.5 (4.8)	8.7 (0.7)
Proprietary	7,565 (1,643)	18.5 (3.9)	2.3 (0.5)
Government	*5,337 (1,676)	* ...	1.7 (0.5)
Geographic region			
Northeast	6,877 (529)	16.8 (1.5)	12.4 (1.0)
Midwest	8,088 (865)	19.7 (2.1)	12.0 (1.3)
South	17,636 (1,880)	43.0 (3.2)	14.3 (1.5)
West	8,387 (1,320)	20.5 (2.8)	10.9 (1.7)
Metropolitan status ³			
Metropolitan statistical area	33,638 (2,579)	82.1 (3.0)	12.1 (0.9)
Nonmetropolitan statistical area	7,350 (1,231)	17.9 (3.0)	16.0 (2.7)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Visit rates for age, sex, and region are based on estimates of the U.S. civilian noninstitutionalized population as of July 1, 2019, from the U.S. Census Bureau, Population Division.

²The definition of injury changed in 2016 due to the switch from the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD–9–CM) coding system for diagnosis data to the *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD–10–CM) coding system. Before 2016, injury visits were based on ICD–9–CM. In 2019, injury visits were based on ICD–10–CM and information indicating that the visit was related to an injury, trauma, overdose, or poisoning according to the Patient Record Form item, "Is this visit related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment?" and additional consideration of values for visits with no concrete evidence of injury. "All injury visits" includes any-listed reason for visit and diagnosis codes related to injury and poisoning. Injury visits do not include adverse effects and complication codes. Using this definition, injury visits represented 27.2% of all emergency department visits. For more details, see the 2019 NHAMCS public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

³Population estimates by metropolitan statistical area (MSA) status are based on data from the 2019 National Health Interview Survey, and compiled according to the Office of Management and Budget's definition of core-based statistical areas as of February 2013. For more details about MSA definitions, see <https://www.census.gov/programs-surveys/metro-micro.html>.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 15. Injury visits to emergency departments, by race, age, and ethnicity: United States, 2019

Patient characteristic	Number of visits (standard error) in thousands	Percent distribution (standard error)	Number of visits per 100 people ¹ (standard error)
All injury visits ²	40,988 (2,505)	100.0 ...	12.7 (0.8)
Race ³ and age group (years):			
White	30,635 (2,169)	74.7 (1.8)	12.4 (0.9)
Under 15	5,980 (827)	14.6 (1.6)	13.7 (1.9)
15–24	4,369 (371)	10.7 (0.6)	14.3 (1.2)
25–44	7,562 (585)	18.4 (1.0)	11.9 (0.9)
45–64	6,549 (528)	16.0 (0.8)	10.1 (0.8)
65–74	2,712 (273)	6.6 (0.5)	10.4 (1.1)
75 and over	3,464 (307)	8.5 (0.7)	18.9 (1.7)
Black or African American	8,803 (818)	21.5 (1.7)	20.6 (1.9)
Under 15	1,875 (292)	4.6 (0.6)	20.5 (3.2)
15–24	1,573 (201)	3.8 (0.4)	25.6 (3.3)
25–44	2,785 (273)	6.8 (0.6)	23.0 (2.3)
45–64	1,762 (213)	4.3 (0.5)	17.1 (2.1)
65–74	535 (96)	1.3 (0.2)	16.9 (3.0)
75 and over	272 (65)	0.7 (0.2)	14.7 (3.5)
Other race groups ⁴	1,550 (224)	3.8 (0.6)	4.6 (0.7)
Ethnicity ³ :			
Hispanic	6,446 (923)	15.7 (1.8)	10.8 (1.5)
Not Hispanic	34,542 (2,080)	84.3 (1.8)	13.1 (0.8)
White	24,617 (1,736)	60.1 (2.2)	12.7 (0.9)
Black or African American	8,475 (796)	20.7 (1.6)	21.3 (2.0)
Other race groups ⁴	1,450 (206)	3.5 (0.5)	5.0 (0.7)

... Category not applicable.

¹Visit rates are based on estimates of the U.S. civilian noninstitutional population as of July 1, 2019, from the U.S. Census Bureau, Population Division.

²The definition of injury changed in 2016 due to the switch from the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD–9–CM) coding system for diagnosis data to the *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD–10–CM) coding system. Before 2016, injury visits were based on ICD–9–CM. In 2019, injury visits were based on ICD–10–CM and information indicating that the visit was related to an injury, trauma, overdose, or poisoning according to the Patient Record Form item, "Is this visit related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment?" and additional consideration of values for visits with no concrete evidence of injury. "All injury visits" includes any-listed reason for visit and diagnosis codes related to injury and poisoning. Injury visits do not include adverse effects and complication codes. Using this definition, injury visits represented 26.9% of all emergency department visits. For more details, see the 2019 National Hospital Ambulatory Medical Care Survey (NHAMCS) public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

³The race groups White, Black or African American, and Other race groups include people of Hispanic and non-Hispanic origin. People of Hispanic origin may be of any race. For 2019, race data were missing for 19.3% of injury visits, and ethnicity data were missing for 16.4% of injury visits. The National Center for Health Statistics uses model-based single imputation for National Hospital Ambulatory Medical Care Survey race and ethnicity data. The race imputation is restricted to three categories (White, Black, and Other race groups) based on research by an internal work group and on quality concerns with imputed estimates for race categories other than White or Black. The imputation technique is detailed in the 2019 NHAMCS public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

⁴Includes Asian, Native Hawaiian or Other Pacific Islander, American Indian or Alaska Native, and people with more than one race.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 16. Emergency department visits related to injury, poisoning, and adverse effect, by intent: United States, 2019

Intent ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All injury visits related to injury, poisoning, and adverse effect ²	44,134 (2,728)	100.0 ...
Unintentional	30,298 (1,904)	68.7 (0.9)
Self-harm	363 (65)	0.8 (0.1)
Assault	1,351 (139)	3.1 (0.3)
Legal intervention or war	* ...	* ...
Undetermined or other ³	745 (123)	1.7 (0.3)
Blank cause	11,337 (864)	25.7 (1.0)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Based on the proposed *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD-10-CM) External Cause of Injury Matrix; available from: https://www.cdc.gov/injury/wisqars/pdf/ICD-10-CM_External_Cause_Injury_Codes-a.pdf.

²The definition of visits related to injury, poisoning, and adverse effects changed in 2016 due to the switch from the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding system for diagnosis data to the ICD-10-CM coding system. Before 2016, injury visits were based on ICD-9-CM. Starting in 2016, injury visits were based on ICD-10-CM and information indicating that the visit was related to an injury, trauma, overdose, poisoning, or adverse effect of medical or surgical treatment based on the Patient Record Form item, "Is this visit related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment?", with additional consideration of values for visits with no concrete evidence of injury. Using this definition, injury visits represented 29.3% (standard error = 0.6) of all emergency department visits in 2019.

³Other includes certain diagnosis codes for injury visits not captured using the ICD-10-CM external-cause matrix. Common diagnoses in this group include medical and surgical complications, activity of person seeking health care (such as a heart attack while shoveling snow, which resulted from, or was contributed to, by the activity), and place of occurrence of external cause. For more details, see the 2019 National Hospital Ambulatory Medical Care Survey public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 17. Emergency department visits related to injury, poisoning, and adverse effect, by mechanism: United States, 2019

Mechanism ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All injury visits related to injury, poisoning, and adverse effect ²	44,134 (2,728)	100.0 ...
Cut or pierce	2,159 (228)	4.9 (0.4)
Drowning or submersion	* ...	0.0 (0.0)
Fall	11,439 (796)	25.9 (0.8)
Fire or burn	433 (81)	1.0 (0.2)
Fire or flame	* ...	0.2 (0.1)
Hot object or substance	326 (72)	0.7 (0.2)
Firearm	* ...	0.3 (0.1)
Machinery	* ...	0.3 (0.1)
All transportation	4,889 (389)	11.1 (0.6)
Motor vehicle—traffic	3,666 (283)	8.3 (0.5)
Motor vehicle—nontraffic	517 (97)	1.2 (0.2)
Pedal cyclist, other	381 (103)	0.9 (0.2)
Pedestrian, other	* ...	0.1 (0.1)
Other land transport	* ...	0.4 (0.1)
Other transport	* ...	0.2 (0.1)
Natural or environmental ³	1,730 (260)	3.9 (0.5)
Overexertion	2,196 (229)	5.0 (0.4)
Struck by or against	4,571 (292)	10.4 (0.6)
Other specified ⁴	899 (121)	2.0 (0.3)
Unspecified or other ⁵	4,171 (393)	9.5 (0.6)
Blank cause	11,337 (864)	25.7 (1.0)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

0.0 Quantity more than zero but less than 0.05.

¹Based on the proposed *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD-10-CM) External Cause of Injury Matrix. For more information, see: https://www.cdc.gov/injury/wisqars/pdf/ICD-10-CM_External_Cause_Injury_Codes-a.pdf.

²The definition of visits related to injury, poisoning, and adverse effects changed in 2016 due to the switch from the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) coding system for diagnosis data to the ICD-10-CM coding system. Before 2016, injury visits were based on ICD-9-CM. Starting in 2016, injury visits were based on ICD-10-CM and information indicating that the visit was related to an injury, trauma, overdose, poisoning, or adverse effect of medical or surgical treatment according to the Patient Record Form item, "Is this visit related to an injury/trauma, overdose/poisoning, or adverse effect of medical/surgical treatment?" and additional consideration of values for visits with no concrete evidence of injury. Using this definition, injury visits represented 29.3% (standard error = 0.6) of all emergency department visits in 2019.

³Includes bites and stings (venomous and nonvenomous), natural or environmental, and other.

⁴Includes child or adult abuse, foreign body, classifiable, and not elsewhere classifiable.

⁵Other includes certain diagnosis codes for injury visits not captured using the ICD-10-CM external-cause matrix. Common diagnoses in this group include medical and surgical complications, activity of person seeking health care (such as a heart attack while shoveling snow, which resulted from, or was contributed to, by the activity), and place of occurrence of external cause. For more details, see the 2019 National Hospital Ambulatory Medical Care Survey public-use data file documentation, available from: https://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHAMCS/doc19-ed-508.pdf.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 18. Selected diagnostic and screening services ordered or provided at emergency department visits: United States, 2019

Diagnostic and screening services ordered or provided	Number of visits ¹ (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	... ..
One or more diagnostic or screening service listed.	112,351 (6,983)	74.6 (1.1)
None	35,172 (2,670)	23.3 (1.0)
Blank	*3,127 (1,482)	2.1 (1.0)
Blood tests:		
Complete blood count.	64,847 (4,565)	43.0 (1.4)
Creatinine or renal function panel.	5,890 (1,202)	3.9 (0.8)
Glucose, serum.	9,022 (1,023)	6.0 (0.7)
Electrolytes	1,868 (499)	1.2 (0.3)
Prothrombin time (PT/PTT/INR) ²	14,281 (1,335)	9.5 (0.8)
Liver enzymes or hepatic function panel	5,929 (753)	3.9 (0.5)
Cardiac enzymes	8,000 (1,066)	5.3 (0.7)
Comprehensive metabolic panel	46,963 (4,155)	31.2 (1.7)
Blood culture	7,780 (813)	5.2 (0.4)
Brain natriuretic peptide	5,886 (654)	3.9 (0.4)
D-dimer	3,314 (399)	2.2 (0.2)
Arterial blood gases	2,460 (369)	1.6 (0.2)
Blood alcohol concentration	3,411 (486)	2.3 (0.3)
Basic metabolic panel.	18,323 (1,898)	12.2 (1.1)
Lactate	5,807 (636)	3.9 (0.4)
Other blood test	35,980 (3,551)	23.9 (1.5)
Any blood test listed	72,274 (4,851)	48.0 (1.3)
Imaging:		
X-ray	52,917 (3,317)	35.1 (0.9)
Computed tomography (CT) scan	31,244 (2,235)	20.7 (0.8)
Abdomen or pelvis.	13,375 (1,157)	8.9 (0.5)
Chest	4,836 (638)	3.2 (0.4)
Head	13,491 (913)	9.0 (0.4)
Other	5,880 (448)	3.9 (0.3)
Intravenous (IV) contrast with CT	9,393 (785)	6.2 (0.4)
Ultrasound	9,437 (998)	6.3 (0.4)
Magnetic resonance imaging (MRI) scan	1,566 (231)	1.0 (0.1)
IV contrast with MRI	260 (56)	0.2 (0.0)
Other Imaging	1,874 (281)	1.2 (0.2)
Any imaging	77,414 (4,999)	51.4 (1.1)
Examinations and tests:		
Cardiac monitor	13,428 (1,607)	8.9 (1.0)
Urinalysis or urine dipstick	41,449 (2,948)	27.5 (0.9)
Electrocardiogram.	33,903 (2,316)	22.5 (1.2)
Urine culture	18,553 (2,243)	12.3 (1.1)
Pregnancy or HCG test ³	14,672 (1,403)	9.7 (0.6)
Toxicology screen	8,394 (879)	5.6 (0.4)
Influenza test	7,400 (964)	4.9 (0.5)
Throat culture	2,322 (322)	1.5 (0.2)
Wound culture.	554 (91)	0.4 (0.1)
Other culture	1,483 (189)	1.0 (0.1)
HIV test	823 (121)	0.5 (0.1)
Other test or service	23,357 (2,382)	15.5 (1.2)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

0.0 Quantity more than zero but less than 0.05.

¹Total number of visits exceeds "All visits" because more than one service may be reported per visit.

²PTT is partial thromboplastin time. INR is international normalized ratio.

³HCG is human chorionic gonadotropin.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 19. Selected procedures at emergency department visits: United States, 2019

Procedure performed	Number of visits ¹ (standard error) in thousands	Percent (standard error)
All visits	150,650 (9,191)	100.0 ...
One or more procedures listed	68,784 (5,219)	45.7 (1.7)
Intravenous fluids	43,660 (3,834)	29.0 (1.4)
Cast, splint, wrap	5,902 (452)	3.9 (0.2)
Suturing or staples	3,133 (283)	2.1 (0.2)
Incision and drainage	1,158 (143)	0.8 (0.1)
Nebulizer therapy	6,267 (673)	4.2 (0.3)
Bladder catheter	2,045 (251)	1.4 (0.2)
Pelvic examination	1,285 (208)	0.9 (0.1)
Central line	*1,492 (775)	1.0 (0.5)
Cardiopulmonary resuscitation (CPR)	* ...	0.1 (0.0)
Endotracheal intubation	374 (86)	0.2 (0.1)
Skin adhesives	1,792 (469)	1.2 (0.3)
BiPAP or CPAP ²	588 (117)	0.4 (0.1)
Lumbar puncture	* ...	0.1 (0.0)
Other ³	17,232 (2,772)	11.4 (1.7)
None ⁴	76,389 (5,010)	50.7 (1.8)
Blank ⁵	*5,477 (1,674)	3.6 (1.1)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

0.0 Quantity more than zero but less than 0.05.

¹Total number of visits exceeds "All visits" and percentage exceeds 100% because more than one service may be reported per visit.

²BiPAP is variable or bilevel positive airway pressure, and CPAP is continuous positive airway pressure.

³Includes all other procedures not listed above.

⁴The "None" checkbox was marked on the Patient Record Form (PRF).

⁵No checkboxes were marked on the PRF.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 20. Medication therapy and number of medications mentioned at emergency department visits: United States, 2019

Medication therapy ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Visits with mention of medication ²	118,793 (7,582)	78.9 (1.0)
Visits without mention of medication	31,857 (2,349)	21.1 (1.0)
Number of medications provided or prescribed ³		
0	31,857 (2,349)	21.1 (1.0)
1	31,198 (1,976)	20.7 (0.6)
2	28,714 (1,843)	19.1 (0.4)
3	20,256 (1,438)	13.4 (0.4)
4	13,265 (1,049)	8.8 (0.3)
5	8,586 (737)	5.7 (0.3)
6	5,264 (500)	3.5 (0.2)
7	3,373 (357)	2.2 (0.2)
8	2,235 (305)	1.5 (0.2)
9	1,390 (219)	0.9 (0.1)
10	826 (128)	0.5 (0.1)
11	793 (149)	0.5 (0.1)
12	509 (105)	0.3 (0.1)
13 or more	2,384 (509)	1.6 (0.3)

... Category not applicable.

¹Includes prescription drugs, over-the-counter preparations, immunizations, and desensitizing agents.

²Visits at which one or more drugs were given in the emergency department or prescribed at discharge (up to 30 per visit). Also defined as a drug visit.

³A total of 385,049,000 drug mentions occurred at emergency department visits in 2019. The average drug mention rate was 2.6 drug mentions per emergency department visit. For visits with at least one drug mention, the average drug visit rate was 3.2 drugs per visit.

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 21. Twenty most frequently mentioned drugs at emergency department visits, by therapeutic drug category: United States, 2019

Drug category ¹	Number of occurrences (standard error) in thousands	Percent of drug mentions ² (standard error)
Analgesics ³	97,967 (7,018)	24.9 (0.6)
Minerals and electrolytes	42,255 (3,576)	10.7 (0.5)
Antiemetic or antivertigo agents	40,062 (3,246)	10.2 (0.4)
Miscellaneous respiratory agents	32,891 (3,060)	8.4 (0.5)
Bronchodilators	16,200 (1,414)	4.1 (0.2)
Anxiolytics, sedatives, and hypnotics	14,997 (1,369)	3.8 (0.2)
Cephalosporins	13,795 (1,156)	3.5 (0.2)
Adrenal cortical steroids	13,168 (1,146)	3.3 (0.2)
Antihistamines	10,873 (988)	2.8 (0.1)
Anticonvulsants	10,737 (987)	2.7 (0.1)
Dermatological agents	9,571 (865)	2.4 (0.1)
Penicillins	8,421 (695)	2.1 (0.1)
Radiocontrast agents	7,419 (855)	1.9 (0.2)
Antiarrhythmic agents	7,120 (490)	1.8 (0.1)
Local injectable anesthetics	6,657 (451)	1.7 (0.1)
Muscle relaxants	6,496 (560)	1.7 (0.1)
Antiplatelet agents	6,453 (717)	1.6 (0.1)
Laxatives	5,972 (677)	1.5 (0.1)
Antiparkinson agents	5,807 (552)	1.5 (0.1)
Proton pump inhibitors	4,914 (535)	1.2 (0.1)

¹Based on Cerner Multum second-level therapeutic drug category (see <https://www.cerner.com/solutions/drug-database>).

²Based on an estimated 393,628,000 drug mentions at emergency department visits in 2019. Drug mentions are medications given in emergency departments or prescribed at discharge.

³Includes narcotics (7.8%), nonsteroidal anti-inflammatory drugs (10.1%), and other analgesics (including salicylates, analgesic combinations, antimigraine agents, Cox-2 inhibitors, and miscellaneous analgesics) (7.0%).

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 22. Twenty most frequently mentioned drugs at emergency department visits: United States, 2019

Drug name ¹	Number of drug mentions (standard error) in thousands	Percent distribution (standard error)	Percent of drug mentions (standard error)					Therapeutic drug category ³
			Total	Given in emergency department	Prescribed at discharge	Both given in emergency department and prescribed at discharge	Unknown ²	
All drug mentions	393,628 (28,802)	100.0 ...	100.0	59.8 (2.1)	29.3 (2.0)	9.2 (0.7)	1.7 (0.8) ...	
Sodium chloride	32,852 (3,059)	8.3 (0.5)	100.0	98.5 (0.3)	1.1 (0.2)	0.1 (0.1)	0.3 (0.1)	Minerals and electrolytes, Miscellaneous respiratory agents
Ondansetron	23,549 (1,954)	6.0 (0.2)	100.0	66.7 (2.1)	13.4 (1.4)	19.5 (1.5)	0.4 (0.2)	Antiemetic or antivertigo agents
Ibuprofen	21,156 (1,799)	5.4 (0.3)	100.0	32.6 (2.4)	46.8 (2.1)	20.3 (1.7)	0.4 (0.2)	Analgesics
Acetaminophen	20,890 (1,539)	5.3 (0.3)	100.0	54.2 (2.6)	31.4 (2.3)	13.8 (1.4)	0.6 (0.3)	Analgesics
Ketorolac	13,572 (1,297)	3.4 (0.2)	100.0	92.3 (1.2)	4.1 (0.8)	3.6 (0.8)	* ...	Analgesics
Albuterol	8,291 (837)	2.1 (0.2)	100.0	41.0 (3.8)	39.1 (4.0)	17.5 (2.2)	* ...	Bronchodilators
Morphine	7,632 (932)	1.9 (0.2)	100.0	98.2 (0.5)	0.6 (0.3)	1.1 (0.4)	* ...	Analgesics
Acetaminophen-hydrocodone	6,748 (679)	1.7 (0.1)	100.0	41.5 (3.6)	42.0 (3.1)	15.8 (2.1)	*0.8 (0.5)	Analgesics
Ceftriaxone	6,391 (712)	1.6 (0.1)	100.0	98.0 (0.7)	1.6 (0.7)	0.4 (0.2)	* ...	Cephalosporins
Aspirin	5,746 (649)	1.5 (0.1)	100.0	75.1 (4.5)	18.0 (4.4)	3.8 (1.1)	* ...	Analgesics, Antiplatelet agents
Diphenhydramine	5,437 (525)	1.4 (0.1)	100.0	66.1 (3.6)	19.9 (3.5)	13.7 (2.0)	* ...	Antiemetic or antivertigo agents, Antihistamines, Antiparkinson agents, Anxiolytics, sedatives, and hypnotics
Prednisone	5,302 (506)	1.3 (0.1)	100.0	20.3 (3.1)	55.9 (3.0)	23.4 (2.5)	* ...	Adrenal cortical steroids
Lidocaine	5,304 (367)	1.3 (0.1)	100.0	83.9 (1.8)	9.9 (1.2)	5.9 (1.2)	* ...	Antiarrhythmic agents, Local injectable anesthetics
Cephalexin	4,927 (416)	1.3 (0.1)	100.0	15.5 (2.1)	65.0 (2.9)	19.5 (2.2)	* ...	Cephalosporins
Azithromycin	4,391 (414)	1.1 (0.1)	100.0	48.1 (3.3)	40.2 (3.3)	10.9 (1.7)	* ...	Macrolide derivatives
Albuterol-ipratropium	4,449 (421)	1.1 (0.1)	100.0	89.8 (2.0)	* ...	* ...	* ...	Bronchodilators
Methylprednisolone	4,298 (486)	1.1 (0.1)	100.0	73.6 (3.3)	21.9 (3.0)	* ...	* ...	Adrenal cortical steroids
Lorazepam	4,163 (492)	1.1 (0.1)	100.0	84.7 (2.5)	8.4 (1.8)	6.8 (1.7)	* ...	Anticonvulsants, Antiemetic or antivertigo agents, Anxiolytics, sedatives, and hypnotics
Amoxicillin	3,586 (383)	0.9 (0.1)	100.0	9.2 (2.0)	72.9 (3.9)	17.4 (3.2)	* ...	Penicillins
Iohexol	3,587 (629)	0.9 (0.2)	100.0	99.2 (0.6)	* ...	* ...	* ...	Radiocontrast agents
All other	201,358 (16,319)	51.2 (1.2)	100.0	52.5 (2.7)	36.6 (2.9)	8.0 (0.8)	* ...	...

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.¹Based on Cerner Multum terminology, the drug name reflects the active ingredients of a drug mention.²Includes drugs given or prescribed that did not have either the "given in emergency department" or "prescribed at discharge" checkboxes marked.³Based on Cerner Multum second-level therapeutic drug category (available from: <https://www.cerner.com/solutions/drug-database>).

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 23. Providers seen at emergency department visits: United States, 2019

Type of provider	Number of visits ¹ (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	... ..
Any physician	127,301 (7,656)	84.5 (1.6)
Emergency department attending physician	123,579 (7,581)	82.0 (1.7)
Emergency department resident or intern	15,613 (1,860)	10.4 (1.2)
Consulting physician	20,345 (2,161)	13.5 (1.0)
Registered nurse or licensed practical nurse	139,967 (8,844)	92.9 (1.2)
Any physician seen	118,004 (7,233)	78.3 (1.8)
Physician not seen	21,962 (3,023)	14.6 (1.6)
Nurse practitioner	18,874 (2,670)	12.5 (1.4)
Any physician seen	9,906 (1,777)	6.6 (1.0)
Physician not seen	8,968 (1,631)	6.0 (1.0)
Physician assistant	26,490 (2,866)	17.6 (1.5)
Any physician seen	15,203 (1,995)	10.1 (1.2)
Physician not seen	11,286 (1,870)	7.5 (1.1)
Emergency medical technician	9,568 (1,009)	6.4 (0.6)
Mental health provider	2,413 (298)	1.6 (0.2)
Other	45,917 (5,172)	30.5 (3.0)
Blank	296 (83)	0.2 (0.1)

... Category not applicable.

¹Total number of visits exceeds "All visits" because more than one provider may be reported per visit.

NOTES: Estimates are not presented if they are based on fewer than 30 cases in the sample data, in which case only an asterisk is shown. Estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%.

Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 24. Disposition of emergency department visits: United States, 2019

Disposition	Number of visits ¹ (standard error) in thousands	Percent distribution (standard error)
All visits	150,650 (9,191)	100.0 ...
Admitted, transferred, or died		
Admit to this hospital	16,914 (1,411)	11.2 (0.7)
Critical care unit	2,383 (394)	1.6 (0.2)
Stepdown or telemetry unit	*749 (294)	0.5 (0.2)
Operation room	917 (157)	0.6 (0.1)
Mental health or detoxification unit	469 (84)	0.3 (0.1)
Cardiac catheterization lab	*342 (123)	0.2 (0.1)
Other bed or unit	9,319 (1,022)	6.2 (0.6)
Unknown or blank	2,735 (492)	1.8 (0.3)
Admit to observation unit	3,860 (540)	2.6 (0.3)
Then hospitalized	1,171 (215)	0.8 (0.1)
Then discharged	2,689 (407)	1.8 (0.3)
Return or transfer to nursing home	758 (150)	0.5 (0.1)
Transfer to psychiatric hospital	1,354 (193)	0.9 (0.1)
Transfer to other hospital	2,603 (283)	1.7 (0.2)
Dead in emergency department ²	215 (44)	0.1 (0.0)
Outpatient follow-up		
Return or refer to physician or clinic for follow-up	103,904 (7,080)	69.0 (1.9)
No follow-up planned	12,673 (2,049)	8.4 (1.3)
Left prior to completing visit		
Left without being seen	1,899 (293)	1.3 (0.2)
Left before treatment complete	1,141 (196)	0.8 (0.1)
Left against medical advice	1,443 (170)	1.0 (0.1)
Other	*3,196 (1,110)	2.1 (0.7)
Blank	*2,452 (1,327)	1.6 (0.9)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

0.0 Quantity more than zero but less than 0.05.

¹Total number of visits exceeds "All visits" and percent of visits exceeds 100% because more than one disposition may be reported per visit.

²Includes "Dead on arrival."

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 25. Emergency department visits resulting in hospital admission, by selected patient and visit characteristics: United States, 2019

Patient and visit characteristics	Number of visits (standard error) in thousands	Percent distribution (standard error)	Mean length of stay ¹ in days (standard error)	Admissions as percent of visits (standard error)
All admissions	16,914 (1,411)	100.0 ...	4.9 (0.2)	11.2 (0.7)
Age group (years)				
Under 15	*1,137 (360)	*6.7 (2.0)	3.9 (0.5)	3.8 (1.0)
15–24	806 (140)	4.8 (0.7)	3.1 (0.3)	4.1 (0.6)
25–44	2,837 (306)	16.8 (1.2)	3.8 (0.3)	7.2 (0.7)
45–64	4,640 (447)	27.4 (1.4)	5.4 (0.3)	13.8 (1.0)
65–74	3,402 (368)	20.1 (1.2)	5.5 (0.4)	25.3 (1.8)
75 and over	4,092 (389)	24.2 (1.7)	5.0 (0.2)	28.6 (1.8)
Residence				
Private	15,086 (1,290)	89.2 (1.8)	4.7 (0.2)	10.7 (0.7)
Nursing home	829 (137)	4.9 (0.7)	7.2 (1.0)	37.3 (3.8)
Homeless	143 (35)	0.8 (0.2)	10.1 (3.2)	9.9 (2.4)
Other	354 (94)	2.1 (0.5)	4.4 (0.8)	17.4 (3.6)
Unknown or blank	*502 (288)	* ...	5.9 (1.1)	13.4 (3.3)
Expected sources of payment ²				
Private insurance	5,195 (485)	30.7 (2.1)	4.6 (0.2)	11.7 (1.0)
Medicare	7,416 (641)	43.8 (2.3)	5.3 (0.2)	24.9 (1.4)
Medicaid or CHIP ³ or other state-based program	4,449 (492)	26.3 (2.2)	4.8 (0.3)	7.9 (0.8)
No insurance ⁴	869 (210)	5.1 (1.1)	3.8 (0.8)	6.9 (1.3)
Mode of arrival				
Ambulance	6,308 (638)	37.3 (1.8)	5.6 (0.3)	27.0 (1.6)
Other	10,606 (896)	62.7 (1.8)	4.4 (0.2)	8.3 (0.6)
Triage category				
Immediate or emergent ⁵	4,225 (552)	25.0 (2.6)	5.4 (0.3)	29.8 (2.1)
Other	12,689 (1,171)	75.0 (2.6)	4.7 (0.2)	9.3 (0.6)
Patient seen in this emergency department during the last 72 hours				
Yes	549 (93)	3.2 (0.5)	4.2 (0.6)	10.1 (1.7)
No, unknown, or blank	16,365 (1,377)	96.8 (0.5)	4.9 (0.2)	11.3 (0.7)
Length of stay				
1–2 days	5,221 (674)	30.9 (2.8)	... ..	... ..
3–4 days	4,739 (443)	28.0 (1.7)	... ..	... ..
5–6 days	2,211 (255)	13.1 (1.1)	... ..	... ..
7–8 days	1,203 (138)	7.1 (0.7)	... ..	... ..
9–10 days	589 (104)	3.5 (0.6)	... ..	... ..
More than 10 days	1,280 (178)	7.6 (0.7)	... ..	... ..
Unknown or blank	1,669 (476)	9.9 (2.7)	... ..	... ..
Hospital discharge status				
Alive	15,778 (1,363)	93.3 (1.8)	4.9 (0.2)	... ..
Home or residence	12,860 (1,201)	81.5 (1.2)	4.4 (0.2)	... ..
Return or transfer to nursing home	1,246 (153)	7.9 (0.8)	7.6 (0.8)	... ..
Transfer to another facility	1,100 (142)	7.0 (0.9)	7.3 (0.9)	... ..
Other	* ...	1.1 (0.3)	6.9 (1.9)	... ..
Unknown or blank	396 (104)	2.5 (0.7)	3.9 (0.5)	... ..
Died	323 (87)	1.9 (0.5)	6.2 (1.0)	... ..
Unknown or blank	*813 (305)	* ...	1.7 (0.2)	... ..

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Denominator for length of stay for 15,245,000 visits where this variable was known. Length of stay was unknown for 9.9% (weighted) of visits resulting in admission.

²Total number of visits exceeds "All admissions" and percentage exceeds 100% because more than one source of payment may be reported per visit. Workers' compensation, other, and unknown sources of payment (not shown) account for 11.4% (weighted) of expected sources of payment.

³Children's Health Insurance Program.

⁴Defined as having only self-pay, no charge, or charity as payment sources. Individual self-pay and no charge or charity categories are not mutually exclusive.

⁵Defined as needing to be seen within 1–14 minutes.

NOTE: Numbers may not add to totals due to rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 26. Principal hospital discharge diagnoses for patients admitted through the emergency department, by major disease category: United States, 2019

Major disease category and ICD-10-CM code range ¹	Number of visits (standard error) in thousands	Percent distribution (standard error)
All visits	16,914 (1,411)	100.0 ...
Certain infectious and parasitic diseases A00–B99	774 (153)	4.6 (0.9)
Neoplasms. C00–D49	* ...	0.9 (0.2)
Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism D50–D89	271 (62)	1.6 (0.3)
Endocrine, nutritional, and metabolic diseases E00–E89	593 (82)	3.5 (0.4)
Mental, behavioral and neurodevelopmental disorders. F01–F99	661 (86)	3.9 (0.5)
Diseases of the nervous system and sense organs ² G00–G99, H00–H95	476 (86)	2.8 (0.5)
Diseases of the circulatory system I00–I99	2,307 (258)	13.6 (1.2)
Diseases of the respiratory system J00–J99	1,929 (242)	11.4 (0.9)
Diseases of the digestive system K00–K95	1,656 (185)	9.8 (0.9)
Diseases of the skin and subcutaneous tissue L00–L99	426 (90)	2.5 (0.4)
Diseases of the musculoskeletal system and connective tissue M00–M99	318 (70)	1.9 (0.4)
Diseases of the genitourinary system N00–N99	1,211 (216)	7.2 (1.1)
Pregnancy, childbirth and the puerperium. O00–O9A	*167 (52)	1.0 (0.3)
Symptoms, signs, and abnormal clinical and laboratory findings, not elsewhere classified. R00–R99	2,559 (327)	15.1 (1.4)
Injury, poisoning and certain other consequences of external causes S00–T88	1,204 (178)	7.1 (0.8)
All other diagnoses ³	784 (223)	4.6 (1.3)
Unknown or blank	1,433 (411)	8.5 (2.3)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Visit estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Visit estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

¹Based on the *International Classification of Diseases, 10th Revision, Clinical Modification* (ICD-10-CM). However, certain codes have been combined in this table to better describe the use of ambulatory care services.

²Sense organs include eye, adnexa, ear, and mastoid process.

³Includes certain conditions originating in the perinatal period (P00–P96), congenital malformations, deformations and chromosomal abnormalities (Q00–Q99), external causes of morbidity (V00–Y99), and factors influencing health status and contact with health services (Z00–Z99).

NOTE: Numbers may not add to totals because of rounding.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.

Table 27. Hospital and emergency department characteristics, by emergency department visit volume: United States, 2019

Hospital and emergency department characteristics	Total ¹	Fewer than 20,000	20,000 to 49,999	50,000 or more
		Percent distribution (standard error)		
All emergency departments	100.0 ...	100.0 ...	100.0 ...	100.0 ...
Hospital characteristic				
Has bed coordinator:				
Yes	62.7 (4.7)	* ...	73.7 (5.5)	**90.1 (3.2)
No	35.3 (4.6)	* ...	22.5 (5.4)	* ...
Unknown or blank	* ...	* ...	* ...	* ...
How often hospital bed census data are available:				
Instantaneously	84.2 (3.1)	**85.3 (6.2)	78.5 (5.0)	**91.1 (3.4)
Every 4 hours	1.8 (1.0)	* ...	* ...	* ...
Every 8 hours	1.6 (0.8)	* ...	* ...	* ...
Every 12 hours	* ...	* ...	* ...	* ...
Every 24 hours	6.4 (1.9)	* ...	* ...	* ...
Unknown or blank	* ...	* ...	* ...	* ...
Has hospitalists on staff:				
Yes	85.2 (2.8)	* ...	**92.4 (3.7)	**96.7 (2.1)
No	14.0 (2.8)	* ...	* ...	* ...
Unknown or blank	* ...	* ...	* ...	* ...
Has emergency medicine residency program:				
Yes	23.3 (3.3)	* ...	31.1 (6.6)	41.0 (6.7)
No	73.5 (3.5)	**91.7 (4.5)	65.7 (6.6)	49.1 (7.0)
Unknown or blank	* ...	* ...	* ...	* ...
Emergency department (ED) characteristic				
ED uses electronic medical records or health records:				
Yes, all electronic	82.2 (4.5)	* ...	**89.2 (4.4)	80.2 (5.3)
Yes, part paper and part electronic	17.2 (4.5)	* ...	* ...	* ...
No	* ...	* ...	* ...	* ...
Unknown or blank, or refused to answer	* ...	* ...	* ...	* ...
ED has physically separate observation or clinical decision unit:				
Yes	41.7 (4.7)	* ...	44.0 (6.9)	44.3 (5.8)
No	51.9 (4.6)	* ...	52.8 (7.0)	47.6 (6.3)
Unknown or blank	* ...	* ...	* ...	* ...
Admitted patients were ever boarded 2 hours or more in ED or observation while waiting for inpatient bed:				
Yes	69.2 (4.5)	* ...	79.5 (5.4)	80.1 (4.6)
No	28.2 (4.4)	* ...	19.3 (5.2)	14.3 (4.1)
Unknown or blank	* ...	* ...	* ...	* ...
ED went on ambulance diversion in 2018:				
Yes	48.3 (4.8)	* ...	50.9 (6.1)	55.2 (6.2)
No	44.2 (4.6)	* ...	41.6 (6.5)	31.4 (6.2)
Unknown or blank	7.5 (2.0)	* ...	* ...	* ...
Ambulance diversion actively managed on regional level compared with each hospital adopting diversion if and when it chooses ² :				
Yes	43.9 (6.4)	* ...	* ...	* ...
No	48.4 (7.2)	* ...	* ...	* ...
Unknown or blank	* ...	* ...	* ...	* ...
Hospital continues to admit elective or scheduled surgery cases when ED is on ambulance diversion ² :				
Yes	**85.2 (4.7)	* ...	**98.6 (1.5)	**81.3 (6.8)
No	* ...	* ...	* ...	* ...
Unknown or blank	* ...	* ...	* ...	* ...
ED increased the number of standard treatment spaces in last 2 years:				
Yes	12.0 (3.1)	* ...	* ...	21.9 (5.4)
No	84.9 (3.4)	* ...	85.6 (3.4)	74.1 (5.5)
Unknown or blank	* ...	* ...	* ...	* ...

See footnotes at end of table.

Table 27. Hospital and emergency department characteristics, by emergency department visit volume: United States, 2019—Con.

Hospital and emergency department characteristics	Total ¹	Fewer than 20,000	20,000 to 49,999	50,000 or more
ED physical space was expanded in last 2 years:				
Yes	* ...	* ...	* ...	14.6 (4.1)
No	88.9 (3.4)	* ...	**90.1 (4.2)	82.4 (4.4)
Unknown or blank	* ...	* ...	* ...	* ...
ED plans to expand physical space in next 2 years ³ :				
Yes	16.9 (3.4)	* ...	* ...	31.8 (6.1)
No	69.7 (4.5)	* ...	72.3 (5.7)	57.3 (6.3)
Unknown or blank	13.4 (3.2)	* ...	12.8 (3.8)	* ...
Services ED uses:				
Bedside registration	**89.1 (3.9)	* ...	**96.1 (1.8)	**92.5 (3.4)
Kiosk self check-in	* ...	* ...	* ...	* ...
Computer-assisted triage	52.4 (4.9)	* ...	48.1 (6.7)	61.2 (7.1)
Immediate bedding	80.3 (2.9)	**83.7 (6.2)	**80.8 (6.1)	72.8 (5.1)
Advanced triage (triage-based care) protocols	72.8 (4.4)	* ...	82.8 (4.2)	68.3 (6.2)
Physician or practitioner at triage	47.9 (5.6)	* ...	43.0 (6.5)	62.6 (6.8)
Separate fast-track unit for nonurgent care	40.7 (4.7)	* ...	61.4 (6.0)	72.4 (5.4)
Separate operating room dedicated to ED patients	7.3 (1.8)	* ...	* ...	* ...
Electronic dashboard ⁴	81.7 (3.5)	* ...	**88.5 (3.7)	**93.2 (2.8)
Radio frequency identification tracking ⁵	17.2 (3.1)	* ...	18.6 (5.5)	31.0 (5.8)
Wireless devices by providers	68.2 (4.1)	* ...	79.1 (5.2)	85.3 (4.3)
Zone nursing ⁶	60.2 (4.7)	* ...	69.4 (7.1)	74.1 (5.8)
Pool nurses ⁷	63.3 (3.9)	* ...	66.4 (6.3)	69.1 (5.3)

... Category not applicable.

* Estimate does not meet National Center for Health Statistics standards of reliability. Estimates are not presented if they are based on fewer than 30 cases in the sample data; only an asterisk is shown. Estimates based on 30 cases or more include an asterisk if the relative standard error of the estimate exceeds 30%. Proportion estimates are not presented if they are unreliable based on the procedure specified in "National Center for Health Statistics Data Presentation Standards for Proportions" (available from: https://www.cdc.gov/nchs/data/series/sr_02/sr02_175.pdf), in which case only an asterisk is shown.

** Estimate meets National Center for Health Statistics standards of reliability, but its complement does not.

¹Number of hospitals for all emergency departments (EDs) ($N = 206$); fewer than 20,000 ($N = 40$); 20,000–49,999 ($N = 77$); and 50,000 or more ($N = 89$).

²Denominator is number of EDs on ambulance diversion or for which ambulance diversion status is unknown.

³Denominator is number of EDs that did not expand their physical space, including unknown or blank responses, in the last 2 years.

⁴Displays updated patient information and integrates multiple data sources.

⁵Shows the exact location of patients, caregivers, and equipment.

⁶Refers to all of a nurse's patients being located in one area.

⁷Those who can be pulled into the ED on demand to respond to surges.

SOURCE: National Center for Health Statistics, National Hospital Ambulatory Medical Care Survey, 2019.