

Opioid Overdose Surveillance, Georgia, 2017

These data describe fatal (mortality) and nonfatal (morbidity) opioid-involved overdoses which occurred in Georgia during 2017, including those related to prescription opioids and illicit opioids such as heroin, fentanyl, and fentanyl analogs. Opioid overdose data were analyzed by the Georgia Department of Public Health (DPH) Epidemiology Program, Drug Overdose Surveillance Unit, using Georgia hospital discharge inpatient and emergency department (ED) visit data, and DPH Vital Records death data.

For more information:

- County level data, Georgia overdose and Prescription Drug Monitoring Program (PDMP) surveillance reports: <https://dph.georgia.gov/drug-overdose-surveillance-unit>
- Georgia overdose mortality interactive maps and statistics: <https://oasis.state.ga.us/PageDirect.aspx?referer=MortalityDrugOverdoses>
- Prescription Drug Monitoring Program (PDMP) information: [GA PDMP Overview and FAQs](#)

Fatal Overdoses (Mortality), Georgia, 2017

Data Source

Overdose-related deaths were derived from DPH Vital Records death certificates for all deaths that occurred in Georgia during 2017

Data records are continuously updated (corrected, amended or deleted) as more information becomes available, therefore, reports represent the most current data, and future reports may reflect updated data.

Case Definitions (categories are not mutually exclusive, includes only drug overdose deaths caused by acute poisoning)

Any drug overdose death

May include any over-the-counter, prescription, or illicit drug

- Deaths with any of the following ICD-10 codes as any underlying cause of death: X40-44, X60-64, X85, Y10-14

Drug overdose death involving any opioid

Include both prescription opioid pain relievers (e.g., hydrocodone, oxycodone, and morphine), opioids used to treat addiction (e.g., methadone), as well as heroin, opium, and synthetic opioids (e.g., tramadol and fentanyl that may be prescription or illicitly-manufactured)

- Deaths with any of the following ICD-10 codes as any underlying cause of death: X40-44, X60-64, X85, Y10-14

AND

- Any of the following ICD-10 codes as any other listed cause of death: T40.0, T40.1, T40.2, T40.3, T40.4, T40.6

OR

Any cause of death text field contains the following keywords and common misspellings: heroin, fentanyl (and fentanyl analogs), methadone, buprenorphine, butalbital, codeine, eddp, hydrocodone, hydromorphone, levorphanol, meperidine, norbuprenorphine, oxycodone, oxymorphone, tapentadol, tramadol

Drug overdose death involving synthetic opioids

Include synthetic opioids other than methadone (e.g., tramadol and fentanyl that may be prescription or illicitly-manufactured)

- Deaths with any of the following ICD-10 codes as any underlying cause of death: X40-44, X60-64, X85, Y10-14

AND

- The following ICD-10 code as any other listed cause of death: T40.4

OR

Any cause of death text field contains the following keywords and common misspellings: fentanyl (and fentanyl analogs), tramadol

Drug overdose death involving heroin

Includes heroin

- Deaths with any of the following ICD-10 codes as any underlying cause of death: X40-44, X60-64, X85, Y10-14

AND

- The following ICD-10 code as any other listed cause of death: T40.1

OR

Any cause of death text field contains the following keywords and common misspellings: heroin

Drug overdose death involving fentanyl

Any cause of death text field contains the following keywords and common misspellings: fentanyl (and fentanyl analogs)

Other Definitions or Limitations

Overdose death county represents the place of injury (where the overdose occurred). When the place of injury was blank the county of the death certifier was used. Data by county of residence is available at <https://oasis.state.ga.us/oasis/webquery/qryDrugOverdose.aspx>.

Rate indicates deaths per 100,000 population using 2017 Census data as the denominator, and all rates are age- adjusted unless age category is presented.

Rates for categories with fewer than 5 deaths may not be accurate and are not presented in this report.

ICD-10 Code Description

X40-X44 (accidental poisonings by drugs), X60-X64 (intentional self-poisoning by drugs), X85 (assault by drug poisoning), Y10-Y14 (drug poisoning of undetermined intent), T40.0 (opium), T40.1 (heroin), T40.2 (natural and semisynthetic opioids), T40.3 (methadone), T40.4 (synthetic opioids, other than methadone), T40.6 (other and unspecified narcotics).

Nonfatal Overdoses (Morbidity), Georgia, 2017

Data Source

Nonfatal overdose counts were derived from Georgia hospital discharge inpatient and ED visit data, and included all ED visits or hospitalizations occurring in a non-Federal acute care hospital in Georgia, among Georgia residents, with a discharge diagnosis indicating acute drug overdose during 2017

Data records are continuously updated (corrected, amended or deleted) as more information becomes available, therefore, reports represent the most current data, and future reports may reflect updated data.

Case Definitions (categories are not mutually exclusive)

ED visit or hospitalization involving any drug overdose

May include any over-the-counter, prescription, or illicit drug

- Any mention of ICD-10CM codes: T36-T50

AND

- 6th character: 1-4, and a 7th character of A or missing

ED visit or hospitalization involving any opioid overdose

Includes prescription opioid pain relievers (e.g., hydrocodone, oxycodone, and morphine), opioids used to treat addiction (e.g., methadone), as well as heroin, opium, and synthetic opioids (e.g., tramadol and fentanyl that may be prescription or illicitly-manufactured)

- Any mention of ICD-10CM codes: T40.0X, T40.1X, T40.2X, T40.3X, T40.4X, T40.60, T40.69

AND

- 6th character: 1-4, and a 7th character of A or missing

ED visit or hospitalization involving a heroin overdose

- Any mention of ICD-10CM code: T40.1X

AND

- 6th character: 1-4, and a 7th character of A or missing

Other Definitions or Limitations

County indicates the patient's county of residence.

Only Black and White are indicated for race because of incomplete or sparse data on other races and ethnicities.

Patients that were admitted through the ED and subsequently hospitalized only appear in the hospital inpatient data.

Rate indicates ED visits or hospitalizations per 100,000 population using 2017 Census data as the denominator, and all rates are age-adjusted unless age category is presented.

Rates for categories with fewer than 5 ED visits or hospitalizations may not be accurate and are not presented in this report.

ICD-10 CM Code Description

Poisoning by: T36-T50 (range includes all drugs), T40.0X (opium), T40.1X (heroin), T40.2X (other opioids), T40.3X (methadone), T40.4X (synthetic narcotics), T40.60 (unspecified narcotics), T40.69 (other narcotics)

6th Character: 1 (accidental, unintentional), 2 (Intentional self-harm), 3 (Assault), 4 (undetermined intent)

7th Character: A (initial encounter) or missing

Drug Overdose Deaths (Mortality) — Georgia, 2010–2017

Number, and age-adjusted rate per 100,000 population
Any opioid may include prescription and/or illicit opioids-- categories are not mutually exclusive
95% confidence intervals (CI) are presented for rates, rates for counts under 5 may be unstable

Year	Any Drug			Any Opioid			Synthetic Opioids			Heroin			Fentanyl		
	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI
2017	1619	15.4	14.6-16.1	1043	10.0	9.4-10.6	415	4.0	3.6-4.4	267	2.6	2.3-3.0	344	3.3	3.0-3.7
2016	1393	13.4	12.7-14.1	928	8.9	8.4-9.5	289	2.8	2.5-3.1	228	2.2	1.9-2.5	225	2.2	1.9-2.5
2015	1373	13.4	12.7-14.1	890	8.7	8.1-9.2	305	3.0	2.7-3.3	250	2.5	2.2-2.8	182	1.8	1.5-2.1
2014	1260	12.4	11.7-13.1	739	7.3	6.7-7.8	189	1.9	1.6-2.1	177	1.8	1.5-2.1	107	1.1	0.9-1.3
2013	1131	11.2	10.5-11.8	536	5.3	4.9-5.8	81	0.8	0.6-1.0	70	0.7	0.5-0.9	37	0.4	0.2-0.5
2012	1063	10.7	10.0-11.3	549	5.5	5.0-5.9	65	0.6	0.5-0.8	41	0.4	0.3-0.5	43	0.4	0.3-0.6
2011	1068	10.8	10.1-11.4	430	4.4	3.9-4.8	59	0.6	0.5-0.8	20	0.2	0.1-0.3	N/A	N/A	N/A
2010	1062	10.8	10.1-11.4	426	4.3	3.9-4.7	78	0.8	0.6-1.0	2	N/A	N/A	N/A	N/A	N/A

Drug Overdose Emergency Department (ED) Visits and Hospitalizations (Morbidity) — Georgia, 2016–2017

Number, and age-adjusted rate per 100,000 population
Any opioid may include prescription and/or illicit opioids--categories are not mutually exclusive
95% confidence intervals (CI) are presented for rates, rates for counts under 5 may be unstable

Year	Any Opioid						Heroin					
	ED Visits			Hospitalizations			ED Visits			Hospitalizations		
	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI
2017	3174	30.4	29.3-31.5	1760	15.8	15.1-16.6	1305	12.7	12.0-13.4	281	2.8	2.5-3.1
2016	2895	27.9	26.9-29.0	322	23.1	22.2-24.0	980	9.6	9.0-10.2	228	2.2	1.9-2.5

Opioid Related Overdose Morbidity and Mortality — Georgia, 2017 (for emergency department (ED) visits, inpatient hospitalizations, and deaths)

Number and rate per 100,000 population (rate is age-adjusted except when age categories are presented)
Any opioid may include prescription and/or illicit opioids--categories are not mutually exclusive
95% confidence intervals (CI) are presented for rates, rates for counts under 5 may be unstable

	Any Opioid									Heroin												
	ED Visits			Hospitalizations			Deaths			ED Visits			Hospitalizations			Deaths						
	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI	No.	Rate	95% CI				
Total	3174	30.4	29.3-31.5	1760	15.8	15.1-16.6	1043	10.0	9.4-10.6	1305	12.7	12.0-13.4	281	2.8	2.5-3.1	267	2.6	2.3-3.0				
Age group (yrs)																						
<1 year	5	3.8	N/A	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A				
1-4 years	62	11.7		4	N/A		1	N/A		0	N/A		0	N/A		0	N/A		0	N/A	0	N/A
5-14 years	31	2.2		6	0.4		1	N/A		0	N/A		0	N/A		1	N/A		0	N/A	0	N/A
15-24 years	505	35.0		117	8.1		100	6.9		242	16.8		47	3.3		27	1.9					
25-34 years	1076	74.0		273	18.8		288	19.8		642	44.2		125	8.6		115	7.9					
35-44 years	546	39.9		230	16.8		237	17.3		238	17.4		70	5.1		72	5.3					
45-54 years	380	26.8		292	20.6		223	15.7		107	7.5		19	1.3		31	2.2					
55-64 years	320	25.3		423	33.5		159	12.6		62	4.9		16	1.3		22	1.7					
65-74 years	166	19.1		292	33.5		27	3.1		13	1.5		2	N/A		0	N/A					
75-84 years	59	15.0		97	24.6		6	1.5		0	N/A		1	N/A		0	N/A					
85+ years	24	16.8		22	15.4		1	N/A		1	N/A		0	N/A		0	N/A					
Sex (age group)																						
Male	1786	35.3	33.6-37.0	793	15.3	14.2-16.3	647	12.7	11.7-13.7	898	17.7	16.6-18.9	194	3.9	3.3-4.5	211	4.2	3.7-4.8				
<1 year	3	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A				
1-4 years	24	8.9		4	N/A		0	N/A		0	N/A		0	N/A		0	N/A					
5-14 years	17	2.4		1	N/A		0	N/A		0	N/A		0	N/A		0	N/A					
15-24 years	275	37.4		74	10.1		69	9.4		156	21.2		31	4.2		19	2.6					
25-34 years	704	97.8		172	23.9		210	29.2		444	61.7		85	11.8		91	12.6					
35-44 years	329	49.8		130	19.7		144	21.8		168	25.4		48	7.3		58	8.8					
45-54 years	195	28.3		113	16.4		126	18.3		70	10.1		16	2.3		23	3.3					
55-64 years	132	22.0		158	26.3		87	14.5		46	7.7		11	1.8		20	3.3					
65-74 years	77	19.4		97	24.4		10	2.5		13	3.3		2	N/A		0	N/A					
75-84 years	23	13.7		33	19.6		1	N/A		0	N/A		1	N/A		0	N/A					
85+ years	7	14.8		8	16.9		0	N/A		1	N/A		0	N/A		0	N/A					
Female	1387	25.6	24.3-27.0	967	16.1	15.1-17.2	396	7.3	6.6-8.1	407	7.9	7.1-8.6	87	1.7	1.3-2.1	56	1.1	0.8-1.4				
<1 year	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A				
1-4 years	38	14.6		0	N/A		1	N/A		0	N/A		0	N/A		0	N/A					
5-14 years	14	2.0		5	0.7		1	N/A		0	N/A		1	N/A		0	N/A					
15-24 years	229	32.4		43	6.1		31	4.4		86	12.2		16	2.3		8	1.1					
25-34 years	372	50.7		101	13.8		78	10.6		198	27.0		40	5.5		24	3.3					
35-44 years	217	30.7		100	14.1		93	13.1		70	9.9		22	3.1		14	2.0					
45-54 years	185	25.4		179	24.6		97	13.3		37	5.1		3	0.4		8	1.1					
55-64 years	188	28.3		265	39.9		72	10.8		16	2.4		5	0.8		2	N/A					
65-74 years	89	18.8		195	41.2		17	3.6		0	N/A		0	N/A		0	N/A					
75-84 years	36	15.9		64	28.3		5	2.2		0	N/A		0	N/A		0	N/A					
85+ years	17	17.8		14	14.7		1	N/A		0	N/A		0	N/A		0	N/A					

Race																		
White	2369	44.3	42.5-46.1	1402	22.2	21.0-23.4	887	16.3	15.2-17.4	1046	20.7	19.5-22.0	231	4.6	4.0-5.2	228	4.5	3.9-5.1
Black	597	17.6	16.2-19.0	295	8.9	7.8-9.9	135	3.9	3.3-4.6	165	4.8	4.0-5.5	35	1.0	0.7-1.4	36	1.0	0.7-1.4
County																		
Missing*	253	N/A	N/A	103	N/A	N/A	6	N/A	N/A	144	N/A	N/A	24	N/A	N/A	1	N/A	N/A
Appling	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Atkinson	1	N/A	N/A	6	72.2	13.3-131.1	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Bacon	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Baker	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Baldwin	5	8.6	0.8-16.4	2	N/A	N/A	2	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Banks	2	N/A	N/A	13	54.5	23.7-85.4	5	21.9	1.8-42.1	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Barrow	27	33.8	20.9-46.7	22	28.2	16.2-40.2	8	10.0	3.0-17.1	7	8.5	2.2-14.9	5	6.2	0.7-11.7	3	N/A	N/A
Bartow	57	55.3	40.8-69.9	43	35.1	24.4-45.8	14	14.1	6.6-21.6	24	24.2	14.5-34.0	3	N/A	N/A	1	N/A	N/A
Ben Hill	1	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Berrien	6	31.1	5.9-56.3	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Bibb	49	32.3	23.0-41.6	41	25.1	17.2-33.0	15	9.7	4.7-14.7	15	11.5	5.6-17.5	0	N/A	N/A	7	4.4	1.1-7.8
Bleckley	0	N/A	N/A	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Brantley	2	N/A	N/A	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Brooks	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Bryan	15	42.0	20.7-63.3	1	N/A	N/A	5	12.9	1.5-24.2	4	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Bulloch	10	13.5	4.7-22.3	8	12.3	3.3-21.3	4	N/A	N/A	0	N/A	N/A	2	N/A	N/A	0	N/A	N/A
Burke	9	42.6	14.8-70.5	4	N/A	N/A	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Butts	12	50.6	21.5-79.7	2	N/A	N/A	3	N/A	N/A	3	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Calhoun	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Camden	10	17.3	6.1-28.5	8	14.7	4.2-25.2	3	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Candler	5	46.3	3.1-89.5	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Carroll	42	37.3	25.8-48.7	18	15.2	8.0-22.4	21	18.9	10.7-27.1	12	10.6	4.5-16.8	0	N/A	N/A	2	N/A	N/A
Catoosa	13	19.5	8.7-30.4	2	N/A	N/A	5	8.9	1.1-16.7	4	N/A	N/A	1	N/A	N/A	2	N/A	N/A
Charlton	2	N/A	N/A	1	N/A	N/A	2	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Chatham	61	20.9	15.5-26.3	45	14.5	10.1-18.9	29	10.7	6.7-14.7	24	8.7	5.2-12.3	8	2.8	0.8-4.8	1	N/A	N/A
Chattahoochee	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Chattooga	5	21.7	2.7-40.8	7	20.9	5.1-36.8	6	24.0	4.1-44.0	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Cherokee	110	47.4	38.5-56.4	36	14.1	9.4-18.7	31	13.1	8.5-17.8	47	20.6	14.7-26.5	11	5.0	2.1-8.0	12	5.4	2.3-8.5
Clarke	30	23.7	14.7-32.8	24	21.0	12.3-29.7	12	9.4	3.8-15.1	12	9.2	3.7-14.8	6	4.7	0.7-8.6	5	3.6	0.3-6.9
Clay	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Clayton	31	11.4	7.2-15.6	24	8.5	5.0-12.0	18	6.3	3.3-9.2	13	4.6	2.1-7.2	4	N/A	N/A	5	1.8	0.2-3.3
Clinch	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Cobb	277	36.2	31.9-40.5	111	14.2	11.5-16.9	127	16.0	13.2-18.9	159	20.9	17.6-24.1	32	4.3	2.8-5.8	37	4.8	3.2-6.4
Coffee	9	19.7	6.7-32.7	12	27.6	11.7-43.6	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Colquitt	5	11.0	1.2-20.8	5	10.8	1.3-20.4	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Columbia	82	55.2	43.2-67.2	29	19.7	12.5-27.0	13	8.6	3.9-13.3	47	31.6	22.6-40.7	3	N/A	N/A	3	N/A	N/A
Cook	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Coweta	52	39.0	28.3-49.7	38	24.1	16.2-31.9	14	9.8	4.6-15.0	20	15.5	8.7-22.4	5	3.8	0.5-7.2	6	4.7	0.9-8.4
Crawford	5	46.0	5.4-86.7	6	37.1	6.0-68.2	1	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Crisp	2	N/A	N/A	3	N/A	N/A	3	N/A	N/A	0	N/A	N/A	1	N/A	N/A	1	N/A	N/A
Dade	1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Dawson	8	31.1	8.2-54.0	10	28.9	9.7-48.1	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Decatur	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
DeKalb	133	16.8	13.9-19.7	84	10.5	8.2-12.8	76	9.9	7.6-12.1	56	7.0	5.2-8.9	18	2.4	1.3-3.5	30	3.7	2.4-5.1

Dodge	3	N/A	N/A	4	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Dooly	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Dougherty	11	12.6	5.0-20.2	7	6.9	1.6-12.2	6	6.3	1.2-11.4	3	N/A	N/A	2	N/A	N/A	2	N/A	N/A
Douglas	77	55.0	42.6-67.4	19	12.1	6.6-17.6	21	14.3	8.1-20.6	31	22.7	14.6-30.8	5	3.6	0.4-6.9	4	N/A	N/A
Early	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Echols	0	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Effingham	10	16.1	6.1-26.2	10	16.3	6.0-26.6	5	8.2	0.9-15.5	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Elbert	9	45.7	14.2-77.1	7	34.1	7.4-60.8	2	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Emanuel	5	26.0	2.7-49.4	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Evans	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Fannin	10	37.9	11.0-64.8	5	18.6	0.0-37.7	2	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Fayette	20	22.0	11.9-32.1	7	6.7	1.4-12.0	8	10.8	3.3-18.2	9	11.6	3.8-19.3	4	N/A	N/A	1	N/A	N/A
Floyd	23	26.0	15.2-36.8	26	23.0	13.9-32.1	6	6.4	1.2-11.7	6	7.0	1.4-12.7	3	N/A	N/A	2	N/A	N/A
Forsyth	54	27.0	19.7-34.4	19	9.3	5.0-13.6	20	9.8	5.4-14.1	26	14.0	8.5-19.4	5	2.7	0.3-5.1	7	3.9	1.0-6.7
Franklin	8	31.6	8.4-54.8	6	16.8	3.3-30.4	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Fulton	352	31.6	28.2-34.9	100	9.3	7.5-11.2	133	11.9	9.9-14.0	188	16.7	14.3-19.2	35	3.1	2.1-4.1	67	6.1	4.6-7.6
Gilmer	12	40.1	15.9-64.3	12	38.1	14.8-61.5	9	38.2	12.7-63.7	0	N/A	N/A	2	N/A	N/A	1	N/A	N/A
Glascok	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Glynn	9	12.5	4.3-20.7	9	9.6	3.1-16.2	12	15.4	6.5-24.2	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Gordon	10	15.2	5.6-24.8	11	18.4	7.3-29.6	7	12.5	3.0-22.0	2	N/A	N/A	4	N/A	N/A	0	N/A	N/A
Grady	2	N/A	N/A	5	13.0	1.6-24.4	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Greene	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Gwinnett	228	25.0	21.8-28.3	91	10.4	8.2-12.7	72	7.8	6.0-9.6	115	12.7	10.4-15.0	23	2.5	1.5-3.5	29	3.2	2.1-4.4
Habersham	12	27.7	11.8-43.5	11	21.2	8.4-34.0	1	N/A	N/A	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A
Hall	61	32.0	23.9-40.1	74	34.0	26.1-41.9	17	8.3	4.3-12.2	26	13.7	8.4-19.0	9	4.8	1.6-7.9	4	N/A	N/A
Hancock	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Haralson	16	56.3	27.9-84.6	10	30.8	11.2-50.4	3	N/A	N/A	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Harris	10	37.9	14.3-61.6	4	N/A	N/A	1	N/A	N/A	7	27.1	7.0-47.3	1	N/A	N/A	0	N/A	N/A
Hart	5	19.3	1.8-36.8	6	17.7	2.8-32.6	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Heard	2	N/A	N/A	2	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Henry	54	23.8	17.4-30.2	18	8.3	4.3-12.2	17	7.4	3.8-11.0	17	7.9	4.1-11.7	3	N/A	N/A	3	N/A	N/A
Houston	35	23.1	15.4-30.8	54	34.1	24.8-43.3	6	3.7	0.7-6.8	12	8.5	3.6-13.3	7	4.5	1.2-7.9	1	N/A	N/A
Irwin	1	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jackson	16	22.5	11.3-33.7	22	29.2	16.8-41.6	10	14.5	5.4-23.6	5	7.5	0.9-14.1	0	N/A	N/A	1	N/A	N/A
Jasper	3	N/A	N/A	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jeff Davis	8	55.1	16.1-94.1	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jefferson	4	N/A	N/A	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jenkins	1	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Johnson	1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jones	12	46.6	19.7-73.4	5	15.2	1.2-29.1	3	N/A	N/A	4	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Lamar	5	28.8	2.9-54.8	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lanier	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Laurens	9	20.0	6.6-33.5	3	N/A	N/A	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lee	7	23.1	5.7-40.5	3	N/A	N/A	1	N/A	N/A	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Liberty	19	35.2	18.8-51.7	7	14.8	3.7-25.9	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lincoln	4	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Long	5	27.5	2.8-52.1	2	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lowndes	9	8.0	2.6-13.5	26	22.8	13.7-31.8	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lumpkin	16	54.8	26.9-82.8	10	28.2	9.6-46.8	9	27.1	8.4-45.8	5	16.1	1.1-31.1	2	N/A	N/A	1	N/A	N/A

McDuffie	4	N/A	N/A	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
McIntosh	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Macon	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Madison	11	39.6	15.7-63.6	9	24.0	7.9-40.1	3	N/A	N/A	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Marion	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Meriwether	2	N/A	N/A	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	1	N/A	N/A
Miller	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Mitchell	2	N/A	N/A	3	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Monroe	3	N/A	N/A	6	21.7	4.0-39.4	4	N/A	N/A	1	N/A	N/A	2	N/A	N/A	0	N/A	N/A
Montgomery	2	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Morgan	9	55.4	17.4-93.3	2	N/A	N/A	2	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Murray	5	12.9	1.5-24.4	7	15.0	3.6-26.3	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Muscogee	49	24.5	17.5-31.5	40	18.7	12.8-24.6	13	7.4	3.3-11.5	25	12.5	7.5-17.5	2	N/A	N/A	4	N/A	N/A
Newton	28	26.1	16.3-35.8	14	12.3	5.7-18.8	12	10.7	4.5-17.0	6	5.6	1.1-10.1	2	N/A	N/A	1	N/A	N/A
Oconee	5	13.2	1.5-24.9	3	N/A	N/A	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Oglethorpe	2	N/A	N/A	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Paulding	111	70.8	57.6-84.0	44	28.2	19.7-36.7	13	8.1	3.7-12.6	66	42.9	32.6-53.3	10	6.4	2.4-10.4	5	3.1	0.4-5.8
Peach	5	17.5	1.8-33.1	5	17.0	1.8-32.3	1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Pickens	16	50.5	24.6-76.4	6	17.0	2.4-31.7	3	N/A	N/A	6	21.5	3.9-39.1	2	N/A	N/A	1	N/A	N/A
Pierce	2	N/A	N/A	4	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Pike	4	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Polk	14	34.6	16.2-53.0	21	44.4	24.9-63.8	7	18.8	4.6-33.0	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Pulaski	3	N/A	N/A	2	N/A	N/A	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Putnam	10	42.9	14.0-71.8	2	N/A	N/A	1	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Quitman	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Rabun	6	32.6	3.3-61.8	9	32.2	8.1-56.3	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Randolph	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Richmond	128	60.6	49.7-71.4	48	23.0	16.3-29.7	36	17.2	11.4-23.0	58	26.2	19.3-33.2	9	4.6	1.5-7.8	5	2.7	0.3-5.2
Rockdale	21	24.6	13.9-35.4	12	14.8	6.2-23.4	4	N/A	N/A	9	11.1	3.8-18.5	5	6.8	0.8-12.8	0	N/A	N/A
Schley	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Screven	4	N/A	N/A	5	20.6	2.5-38.6	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Seminole	3	N/A	N/A	1	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Spalding	21	33.6	19.0-48.2	9	12.8	4.1-21.6	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Stephens	6	17.2	2.8-31.6	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Stewart	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Sumter	4	N/A	N/A	5	12.8	1.3-24.4	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Talbot	2	N/A	N/A	3	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Taliaferro	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Tattnall	4	N/A	N/A	1	N/A	N/A	5	20.5	2.5-38.6	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Taylor	2	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Telfair	3	N/A	N/A	2	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Terrell	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Thomas	4	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Tift	11	30.2	12.2-48.2	12	29.9	12.6-47.3	3	N/A	N/A	2	N/A	N/A	3	N/A	N/A	0	N/A	N/A
Toombs	2	N/A	N/A	5	16.7	1.8-31.5	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Towns	6	79.9	12.3-147.5	1	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Treutlen	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Troup	16	24.1	12.0-36.2	16	20.7	10.2-31.3	7	9.8	2.4-17.3	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Turner	0	N/A	N/A	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A

Twiggs	0	N/A	N/A	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Union	8	45.9	9.9-81.9	2	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Upson	6	14.0	2.8-25.2	5	13.8	1.1-26.4	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Walker	23	34.3	19.8-48.8	3	N/A	N/A	5	7.8	0.8-14.8	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Walton	19	22.7	12.4-33.0	13	14.6	6.6-22.7	12	13.1	5.6-20.7	8	9.8	3.0-16.6	3	N/A	N/A	1	N/A	N/A
Ware	9	26.5	9.1-44.0	14	34.9	15.8-54.1	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Warren	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Washington	5	25.9	3.2-48.7	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Wayne	10	36.0	13.4-58.6	5	17.7	1.9-33.5	4	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Webster	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Wheeler	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
White	8	29.2	8.4-50.1	15	39.1	17.7-60.5	2	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Whitfield	8	8.0	2.4-13.7	15	12.5	6.1-18.9	12	12.0	5.0-18.9	2	N/A	N/A	0	N/A	N/A	3	N/A	N/A
Wilcox	1	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Wilkes	2	N/A	N/A	3	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Wilkinson	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Worth	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A

*This category contains cases that are missing a patient zip code (for ED visits and hospitalizations) or county of injury/certifier county (for deaths).