Opioid Overdose Surveillance, Georgia, 2016

These data describe fatal (mortality) and nonfatal (morbidity) opioid-involved overdoses which occurred in Georgia during 2016, including those related to prescription opioids and/or 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, 2016

Data Source

Overdose-related deaths were derived from DPH Vital Records death certificates for all deaths that occurred in Georgia during 2016

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 field 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 2016 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 these data

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, 2016

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 2016

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, Georgia residents visiting hospitals in neighboring states are not included in these data

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 2016 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 these data

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, 2010–2016

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

	Any Drug			Any Opioid			Synthetic Opioids			Heroin			Fentanyl		
Year	**No.**	**Rate**	**95% CI**	**No.**	**Rate**	**95% CI**	**No.**	**Rate**	**95% CI**	**No.**	**Rate**	**95% CI**	**No.**	**Rate**	**95% CI**
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

Opioid Related Overdose Morbidity and Mortality — Georgia, 2016
(for emergency depart (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	2895	27.9	26.9-29.0	2499	23.1	22.2-24.0	928	8.9	8.4-9.5	980	9.6	9.0-10.2	322	3.2	2.8-3.5	228	2.2	2.0-2.5
Age group																		
<1 year	12	9.2		12	9.2		0	N/A		0	N/A		0	N/A		0	N/A	
1-4 years	70	13.2		70	13.2		3	N/A		0	N/A		0	N/A		0	N/A	
5 -14 years	31	2.2		31	2.2		1	N/A		0	N/A		0	N/A		0	N/A	
15-24 years	524	36.4		524	36.4		80	5.6		223	15.5		70	4.9		34	2.4	
25-34 years	859	60.4		859	60.4		241	16.9		472	33.2		128	9.0		89	6.3	
35-44 years	447	32.8	N/A	447	32.8	N/A	210	15.4	N/A	159	11.7	N/A	61	4.5	N/A	52	3.8	N/A
45-54 years	375	26.5		375	26.5		204	14.4		72	5.1		44	3.1		30	2.1	
55-64 years	328	26.5		328	26.5		153	12.4		44	3.6		12	1.0		23	1.9	
65-74 years	160	19.1		160	19.1		30	3.6		7	0.8		7	0.8		0	N/A	
75-84 years	73	19.4		73	19.4		6	1.6		0	N/A		0	N/A		0	N/A	
85+ years	16	11.6		16	11.6		0	N/A		3	N/A		0	N/A		0	N/A	
Sex (age group)																		
Male	1480	29.3	27.8-30.8	1077	20.9	19.6-22.1	555	11.0	10.1-11.9	657	13.1	12.1-14.1	226	4.6	4.5-5.8	185	3.7	3.2-4.2
<1 year	8	12.0		1	N/A		0	N/A		0	N/A		0	N/A		0	N/A	
1-4 years	37	13.7		4	N/A		2	N/A		0	N/A		0	N/A		0	N/A	
5-14 years	6	0.8		1	N/A		0	N/A		0	N/A		0	N/A		0	N/A	
15-24 years	276	37.5		94	12.8		68	9.2		131	17.8		44	6.0		30	4.1	
25-34 years	530	75.5		220	31.3		163	23.2		324	46.1		92	13.1		71	10.1	
35-44 years	235	35.7	N/A	158	24.0	N/A	122	18.5	N/A	115	17.5	N/A	49	7.4	N/A	42	6.4	N/A
45-54 years	160	23.2		192	27.8		94	13.6		41	5.9		26	3.8		21	3.0	
55-64 years	149	25.4		224	38.2		88	15.0		38	6.5		8	1.4		21	3.6	
65-74 years	54	14.0		135	35.1		14	3.6		6	1.6		7	1.8		0	N/A	
75-84 years	20	12.5		38	23.8		4	N/A		0	N/A		0	N/A		0	N/A	
85+ years	5	11.1		10	22.2		0	N/A		2	N/A		0	N/A		0	N/A	
Female	1415	26.5	25.1-27.9	1422	24.9	23.6-26.3	373	7.0	6.2-7.7	323	6.3	5.6-7.0	96	1.9	1.5-2.2	43	0.8	0.6-11
<1 year	4	6.2		1	N/A		0	N/A		0	N/A		0	N/A		0	N/A	
1-4 years	33	12.7		5	1.9		1	N/A		0	N/A		0	N/A		0	N/A	
5-14 years	25	3.6		6	0.9		1	N/A		0	N/A		0	N/A		0	N/A	
15-24 years	248	35.2		91	12.9		12	1.7		92	13.1		26	3.7		4	N/A	
25-34 years	329	45.7		136	18.9		78	10.8		148	20.6		36	5.0		18	2.5	
35-44 years	212	30.1	N/A	192	27.3	N/A	88	12.5		44	6.2	N/A	12	1.7	N/A	10	1.4	N/A
45-54 years	215	29.6		302	41.5		110	15.1		31	4.3		18	2.5		9	1.2	
55-64 years	179	27.5		319	49.1		65	10.0		6	0.9		4	N/A		2	N/A	
65-74 years	106	23.3		245	53.9		16	3.5		1	N/A		0	N/A		0	N/A	
75-84 years	53	24.4		95	43.7		2	N/A		0	N/A		0	N/A		0	N/A	
85+ years	11	11.8		30	32.3		0	N/A		1	N/A		0	N/A		0	N/A	

Race																		
White	2226	41.0	39.2-42.7	2015	32.4	30.9-33.9	795	14.4	13.3-15.4	797	15.6	14.6-16.7	262	5.2	4.5-5.8	189	3.7	3.1-4.2
Black	498	15.0	13.7-16.4	428	13.4	12.1-14.7	113	3.4	2.8-4.0	113	3.4	2.7-4.0	47	1.4	1.0-1.8	30	0.9	0.6-1.2
County																		
Missing*	179	N/A	N/A	156	N/A	N/A	1	N/A	N/A	76	N/A	N/A	28	N/A	N/A	0	N/A	N/A
Appling	5	30.7	3.1-58.3	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
Atkinson	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
Bacon	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
Baker	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
Baldwin	4	N/A	N/A	9	17.6	5.5-29.7	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Banks	5	32.0	3.9-60.0	10	42.7	15.3-70.0	4	N/A	N/A	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Barrow	17	21.8	11.3-32.2	28	33.8	21.1-46.4	10	12.0	4.5-19.5	7	9.3	2.4-16.1	3	N/A	N/A	4	N/A	N/A
Bartow	48	47.6	34.0-61.2	52	46.5	33.7-59.4	17	15.8	8.1-23.4	15	15.2	7.4-22.9	4	N/A	N/A	1	N/A	N/A
Ben Hill	6	33.5	5.7-61.3	8	39.4	11.4-67.5	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Berrien	3	N/A	N/A	8	40.1	11.6-68.6	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Bibb	28	18.0	11.2-24.8	50	32.0	22.9-41.1	12	8.7	3.7-13.6	4	N/A	N/A	6	4.5	0.9-8.1	1	N/A	N/A
Bleckley	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
Brantley	5	28.5	3.1-54.0	7	34.2	8.2-60.2	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Brooks	5	37.8	3.4-72.3	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
Bryan	8	22.3	6.8-37.7	7	18.5	4.8-32.1	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Bulloch	8	10.5	2.6-18.4	15	20.6	9.9-31.3	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Burke	5	28.3	3.3-53.3	6	28.7	5.7-51.7	3	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Butts	14	58.0	27.1-88.9	4	N/A	N/A	2	N/A	N/A	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Calhoun	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
Camden	7	12.0	2.8-21.2	6	13.0	2.3-23.7	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Candler	4	N/A	N/A	6	44.3	7.9-80.7	2	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Carroll	29	25.0	15.8-34.1	34	31.1	20.5-41.8	23	21.2	12.4-30.0	10	8.7	3.3-14.1	6	5.6	1.1-10.2	4	N/A	N/A
Catoosa	6	9.2	1.7-16.6	2	N/A	N/A	5	8.7	1.0-16.3	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Charlton	1	N/A	N/A	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
Chatham	67	22.6	17.0-28.1	67	23.7	17.9-29.5	28	10.6	6.5-14.6	20	6.5	3.6-9.4	8	2.9	0.9-4.9	5	2.0	0.2-3.7
Chattahoochee	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
Chattooga	1	N/A	N/A	11	40.9	16.2-65.6	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Cherokee	102	44.4	35.7-53.1	61	24.6	18.3-30.8	23	10.0	5.9-14.1	40	18.6	12.8-24.3	12	5.5	2.4-8.6	4	N/A	N/A
Clarke	26	19.6	11.6-27.6	22	22.2	12.7-31.7	9	7.1	2.1-12.2	7	5.1	1.2-9.1	2	N/A	N/A	1	N/A	N/A
Clay	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
Clayton	34	12.0	8.0-16.1	32	11.5	7.4-15.6	13	4.8	2.2-7.4	6	2.4	0.5-4.4	8	2.8	0.9-4.8	2	N/A	N/A
Clinch	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
Cobb	315	41.6	37-46.2	159	20.7	17.4-24	107	13.8	11.2-16.4	164	21.8	18.5-25.2	32	4.3	2.8-5.8	36	4.6	3.1-6.2
Coffee	12	26.1	11.2-41.0	13	27.0	12.2-41.9	7	15.2	3.7-26.7	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Colquitt	4	N/A	N/A	15	30.9	15.1-46.8	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Columbia	45	31.8	22.4-41.2	40	27.5	18.8-36.1	12	7.8	3.3-12.3	19	13.2	7.3-19.2	3	N/A	N/A	2	N/A	N/A
Cook	3	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
Coweta	45	33.9	24.0-43.9	28	19.2	11.9-26.5	12	8.9	3.8-13.9	20	15.7	8.8-22.5	3	N/A	N/A	4	N/A	N/A
Crawford	0	N/A	N/A	11	89.0	33.8-144.2	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Crisp	2	N/A	N/A	10	39.1	13.8-64.5	0	N/A	N/A	0	N/A	N/A	2	N/A	N/A	0	N/A	N/A
Dade	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
Dawson	4	N/A	N/A	12	54.0	21.8-86.2	3	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Decatur	4	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
DeKalb	131	17.0	14.1-20.0	89	11.5	9.1-13.9	57	7.1	5.2-9.0	61	7.7	5.7-9.6	23	2.9	1.7-4.0	21	2.9	1.6-4.1

Dodge	5	24.8	3.0-46.7	5	22.7	2.2-43.2	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Dooly	0	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
Dougherty	7	8.6	2.1-15.1	14	15.4	7.1-23.6	5	5.7	0.6-10.9	1	N/A	N/A	3	N/A	N/A	1	N/A	N/A
Douglas	75	53.6	41.3-65.9	45	30.4	21.4-39.4	23	16.3	9.6-23.1	28	20.5	12.9-28.2	7	4.9	1.2-8.5	6	4.6	0.9-8.3
Early	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	0	N/A	N/A
Echols	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
Effingham	19	32.5	17.6-47.3	11	18.9	7.4-30.4	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Elbert	6	29.3	4.9-53.6	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
Emanuel	5	26.8	2.8-50.8	5	17.9	1.9-34.0	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Evans	6	49.5	9.2-89.8	6	45.1	8.4-81.7	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Fannin	10	52.9	18.3-87.6	3	N/A	N/A	5	11.3	0.4-22.1	4	N/A	N/A	1	N/A	N/A	1	N/A	N/A
Fayette	13	15.3	6.7-23.9	14	12.4	5.6-19.3	4	N/A	N/A	3	N/A	N/A	3	N/A	N/A	2	N/A	N/A
Floyd	23	25.1	14.6-35.5	45	42.4	29.7-55	9	9.6	3.2-15.9	3	N/A	N/A	3	N/A	N/A	2	N/A	N/A
Forsyth	82	43.3	33.8-52.8	21	10.8	6.1-15.5	13	6.1	2.7-9.5	51	28.0	20.2-35.7	7	3.8	1.0-6.6	3	N/A	N/A
Franklin	9	33.0	10.1-55.8	5	19.8	1.2-38.5	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Fulton	322	29.3	26.1-32.5	186	17.4	14.8-19.9	142	13.1	10.9-15.3	165	14.6	12.4-16.9	61	5.6	4.2-7.1	67	6.2	4.7-7.7
Gilmer	22	87.2	49.5-124.9	6	12.5	2.0-23	5	22.0	2.6-41.4	10	45.3	17.2-73.5	0	N/A	N/A	1	N/A	N/A
Glascock	0	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
Glynn	11	13.8	5.3-22.3	24	27.3	15.7-38.9	4	N/A	N/A	1	N/A	N/A	2	N/A	N/A	1	N/A	N/A
Gordon	9	16.6	5.7-27.5	20	30.8	17.0-44.6	7	12.7	3.1-22.4	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Grady	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
Greene	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	0	N/A	N/A
Gwinnett	184	20.5	17.5-23.5	125	14.6	11.9-17.2	57	6.2	4.6-7.8	70	7.9	6-9.7	23	2.6	1.5-3.6	20	2.3	1.3-3.3
Habersham	10	21.5	7.7-35.3	15	29.8	14.0-45.5	3	N/A	N/A	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Hall	61	31.1	23.2-38.9	93	44.0	34.9-53.1	11	5.5	2.2-8.7	19	10.2	5.6-14.8	6	3.4	0.7-6.1	2	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	10	33.4	12.3-54.4	10	32.8	11.9-53.8	9	28.4	9.4-47.3	1	N/A	N/A	2	N/A	N/A	0	N/A	N/A
Harris	6	20.8	3.6-38.0	14	41.8	18.8-64.7	2	N/A	N/A	1	N/A	N/A	4	N/A	N/A	0	N/A	N/A
Hart	4	N/A	N/A	7	21.2	4.2-38.2	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Heard	5	42.8	4.4-81.1	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
Henry	54	25.3	18.4-32.2	22	9.4	5.4-13.4	21	9.1	5.1-13.1	15	7.0	3.4-10.6	4	N/A	N/A	5	2.3	0.3-4.3
Houston	30	19.6	12.5-26.7	48	32.3	23-41.6	3	N/A	N/A	8	5.1	1.5-8.7	5	3.0	0.4-5.7	0	N/A	N/A
Irwin	1	N/A	N/A	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
Jackson	12	18.2	7.7-28.7	20	28.8	15.9-41.7	6	8.9	1.7-16.2	1	N/A	N/A	1	N/A	N/A	1	N/A	N/A
Jasper	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	0	N/A	N/A
Jeff Davis	14	98.1	45.6-150.6	6	39.4	7.2-71.5	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jefferson	7	35.4	7.5-63.3	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
Jenkins	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
Johnson	2	N/A	N/A	5	36.3	3.9-68.8	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Jones	7	26.2	6.3-46.0	13	39.2	17.3-61.0	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lamar	4	N/A	N/A	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
Lanier	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
Laurens	9	19.7	6.6-32.9	14	27.6	12.7-42.6	4	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Lee	5	18.0	2.2-33.9	7	23.8	5.7-41.9	1	N/A	N/A	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Liberty	18	35.9	18.4-53.4	10	20.8	7.7-33.8	5	6.8	0.7-12.9	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Lincoln	0	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
Long	8	43.5	12.6-74.4	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
Lowndes	15	16.0	7.8-24.2	22	20.9	11.9-30.0	4	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Lumpkin	15	46.6	22.0-71.2	15	43.1	20.4-65.9	4	N/A	N/A	1	N/A	N/A	1	N/A	N/A	1	N/A	N/A

McDuffie	3	N/A	N/A	7	28.5	6.2-50.8	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
McIntosh	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
Macon	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	0	N/A	N/A
Madison	15	52.7	25.2-80.2	10	29.5	10.6-48.3	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Marion	1	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
Meriwether	5	21.0	1.7-40.2	9	29.0	9.1-48.9	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Miller	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
Mitchell	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	0	N/A	N/A
Monroe	4	N/A	N/A	8	26.8	7.3-46.4	2	N/A	N/A	1	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Montgomery	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
Morgan	5	29.5	2.5-56.5	5	21.3	2.2-40.3	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Murray	6	14.4	2.8-26.1	21	48.8	27.5-70.0	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Muscogee	54	27.2	19.8-34.6	56	27.6	20.2-34.9	9	4.7	1.6-7.9	20	9.7	5.4-14.0	2	N/A	N/A	2	N/A	N/A
Newton	19	17.6	9.6-25.6	20	18.6	10.3-26.9	4	N/A	N/A	5	5.0	0.6-9.4	1	N/A	N/A	1	N/A	N/A
Oconee	7	23.8	5.7-41.9	7	18.7	4.4-33.1	1	N/A	N/A	3	N/A	N/A	1	N/A	N/A	1	N/A	N/A
Oglethorpe	5	28.0	2.1-53.8	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
Paulding	102	66.9	53.8-80	55	35.9	26.2-45.6	21	12.8	7.3-18.3	47	31.2	22.3-40.2	19	12.7	7.0-18.4	5	3.2	0.4-6.0
Peach	5	15.6	1.6-29.6	5	22.9	2.1-43.7	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Pickens	12	41.0	16.4-65.7	7	25.2	5.8-44.6	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Pierce	2	N/A	N/A	10	49.2	18.1-80.2	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Pike	4	N/A	N/A	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
Polk	15	35.4	17.0-53.8	21	44.3	24.9-63.7	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Pulaski	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
Putnam	1	N/A	N/A	4	N/A	N/A	1	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Quitman	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
Rabun	7	44.7	9.9-79.5	6	18.7	3.6-33.8	5	30.2	1.9-58.6	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Randolph	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
Richmond	58	28.7	21.1-36.3	66	30.8	23.1-38.5	32	14.7	9.5-19.9	10	4.4	1.6-7.2	10	5.3	1.9-8.6	8	3.5	1.0-6.0
Rockdale	21	24.1	13.6-34.6	17	20.0	10.2-29.7	9	9.4	3.1-15.7	3	N/A	N/A	1	N/A	N/A	3	N/A	N/A
Schley	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
Screven	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
Seminole	5	53.4	2.6-104.2	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
Spalding	16	23.5	11.6-35.5	10	13.9	5.0-22.8	7	10.8	2.6-18.9	2	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Stephens	7	28.7	6.8-50.6	9	30.7	9.5-52	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Stewart	1	N/A	N/A	1	N/A	N/A	3	N/A	N/A	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Sumter	3	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
Talbot	1	N/A	N/A	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A	0	N/A	N/A
Taliaferro	1	N/A	N/A	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
Tattnall	10	35.9	13.4-58.5	6	20.9	4.0-37.8	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Taylor	5	57.5	4.0-111.0	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
Telfair	3	N/A	N/A	5	28.5	3.3-53.7	0	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	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
Thomas	5	13.1	1.3-25.0	5	10.4	0.9-20.0	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Tift	7	18.8	4.7-33.0	23	54.4	31.6-77.3	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Toombs	3	N/A	N/A	12	45.7	19.3-72	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Towns	6	41.9	0.0-84.1	5	38.3	0.0-79.9	3	N/A	N/A	0	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Treutlen	3	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
Troup	14	18.9	8.9-28.9	20	23.3	13-33.7	5	8.4	1.0-15.8	1	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Turner	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

Twiggs	2	N/A	N/A	5	69.7	6.9-132.4	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Union	12	60.5	22.4-98.6	7	15.3	2.5-28.2	1	N/A	N/A	4	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Upson	16	63.1	30.9-95.2	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
Walker	15	21.9	10.5-33.2	6	7.3	1.3-13.4	12	19.0	8.0-30.0	3	N/A	N/A	0	N/A	N/A	2	N/A	N/A
Walton	18	21.2	11.3-31.2	26	27.6	16.8-38.5	15	17.3	8.3-26.2	4	N/A	N/A	2	N/A	N/A	3	N/A	N/A
Ware	6	16.0	3.1-28.9	19	48.6	26.0-71.2	3	N/A	N/A	0	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	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Washington	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
Wayne	14	46.3	21.7-70.9	8	21.6	6.4-36.8	5	16.6	1.8-31.3	2	N/A	N/A	0	N/A	N/A	0	N/A	N/A
Webster	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
Wheeler	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
White	10	37.3	13.6-61.0	9	25.7	8.1-43.3	5	13.2	0.9-25.6	3	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Whitfield	19	18.3	10.0-26.6	32	28.9	18.7-39	8	8.2	2.5-14.0	3	N/A	N/A	0	N/A	N/A	1	N/A	N/A
Wilcox	3	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
Wilkes	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
Wilkinson	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
Worth	4	N/A	N/A	8	35.0	9.5-60.4	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).