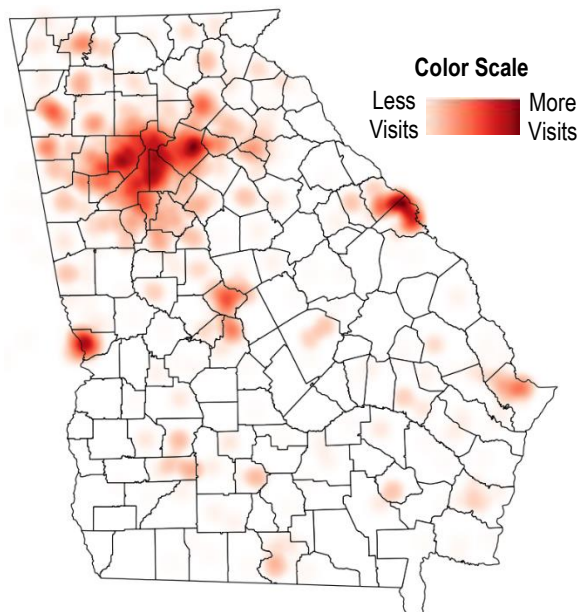


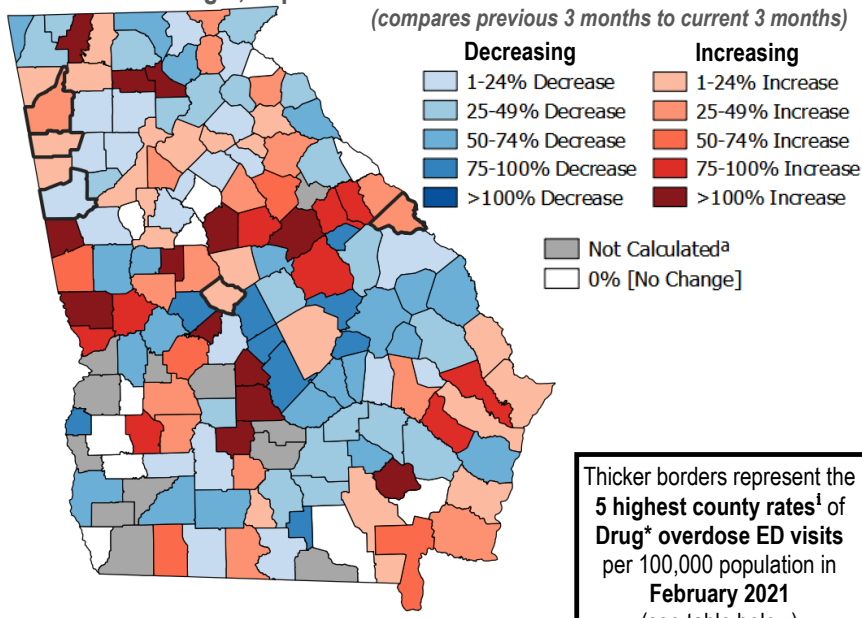
Syndromic Surveillance Drug Overdose Emergency Department Visits: Georgia, February 2021

What is Syndromic Surveillance (SS)? SS is used as an early detection method for potential clusters or outbreaks, by tracking suspected drug overdose-involved emergency department (ED) visits based on the patient's chief complaint upon admission and/or discharge diagnosis. Participating Georgia hospitals and urgent care facilities share these SS data within the State Electronic Notifiable Disease Surveillance System (SendSS).

Drug* Overdose ED Visits by Patient Zip Code[^], Georgia, February 2021



Percent Change^a of Drug* Overdose ED Visits, Georgia, Sep - Nov 2020 to Dec 2020 - Feb 2021



Top 5 Counties[^] with 15 or More Drug* Overdose ED Visits During February 2021

County	Monthly Rate ¹ per 100,000 Population	
	February 2021	March 2020 - February 2021
POLK	56.4	
BIBB	32.8	
FLOYD	30.1	
RICHMOND	29.9	
CARROLL	26.9	

Statewide, 1,259 ED visits for Drug* overdoses occurred in February 2021, compared to 1,175 in February 2020

Data source: Suspected drug overdose ED/Urgent Care visits by chief complaint upon admission and/or discharge diagnosis reported to DPH Syndromic Surveillance. See data limitations [here](#).

*Drugs may include any over the counter, prescription, or illicit drug.

[^]Zip code and county are based on patient residence.

¹Rate indicates visits per 100,000 persons using 2019 Census data as the denominator. Excluded rates for counties with <15 visits.

^aPercent change data by county excludes counties with less than 3 visits.

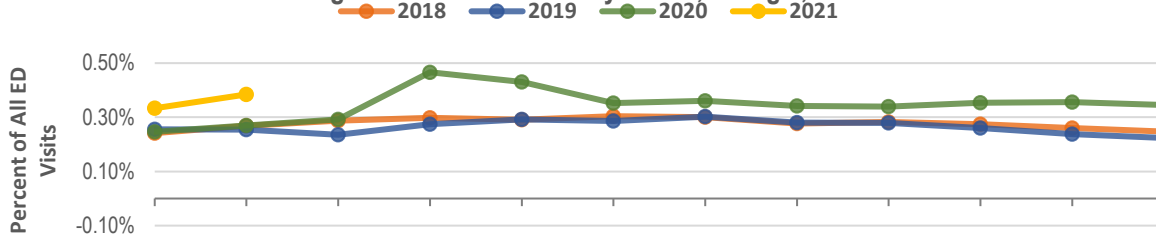
[‡]Drug Specific Categories are not mutually exclusive and include illicit and prescription drugs. Specific drugs identified using the chief complaint and/or discharge diagnosis fields and are not meant to be comprehensive.

Note: All data excludes patients ≤14 years of age. Counts represent the number of ED visits instead of the number of patients, therefore, patients with repeat visits may have been counted more than once.

Note: SS data is not the same as emergency department discharge data; drug overdose SS data is limited and based on accuracy of chief complaint and/or discharge diagnosis and what is reported to DPH SS. Data is subject to change due to the current number of participating facilities and/or improvements to data quality. Data shown on this report may not depict the true burden of drug overdose in Georgia.

Syndromic Surveillance Drug Overdose Emergency Department Visits: Georgia, February 2021

Drug* Overdose ED Visits by Month, Georgia, 2018-2021



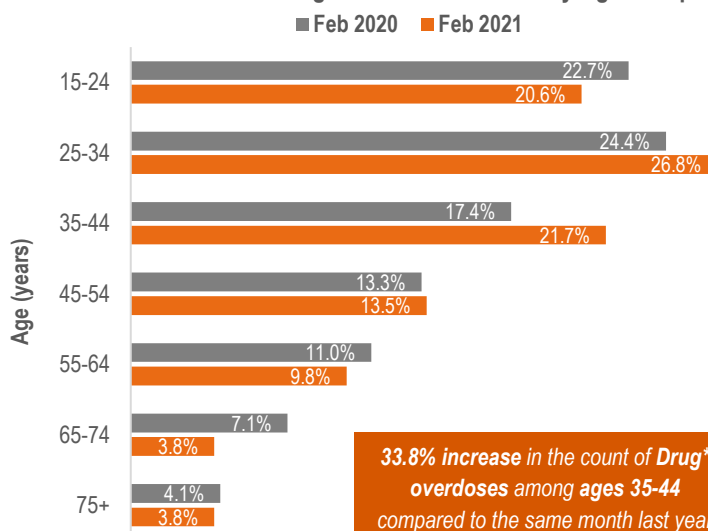
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
2018 % of Total ED Visits	0.24%	0.27%	0.29%	0.30%	0.29%	0.30%	0.30%	0.28%	0.28%	0.27%	0.26%	0.25%	3.33%
2019 % of Total ED Visits	0.26%	0.25%	0.24%	0.27%	0.29%	0.29%	0.30%	0.28%	0.28%	0.26%	0.24%	0.22%	3.18%
2018 to 2019 % Change	8.33%	-7.41%	-17.24%	-10.00%	0.00%	-3.33%	0.00%	0.00%	0.00%	-3.70%	-7.69%	-12.00%	-4.42%
2020 % of Total ED Visits	0.25%	0.27%	0.29%	0.47%	0.43%	0.35%	0.36%	0.34%	0.34%	0.35%	0.36%	0.35%	4.16%
2019 to 2020 % Change	-3.85%	8.00%	20.83%	74.07%	48.28%	20.69%	20.00%	21.43%	21.43%	34.62%	50.00%	59.09%	31.22%
2021 % of Total ED Visits	0.33%	0.38%											0.71%
2020 to 2021 % Change	32.00%	40.74%											36.37%

Drug* Overdose ED Visits by Sex, Race, and Age Group, Georgia, February 2020 and February 2021

Rate ⁱ of Drug* Overdose ED Visits	Feb 2020 Rate ⁱ (per 100,000 Population)	Feb 2021 Rate ⁱ (per 100,000 Population)
Overall	13.7	14.7
Sex^o		
Male	14.1	15.5
Female	13.4	14.0
Race^o		
White	15.1	16.4
Black	8.8	9.0
Other	13.9	16.7
Age Group^o (years)		
15-24	18.4	17.9
25-34	19.2	22.6
35-44	14.8	19.8
45-54	11.1	12.1
55-64	9.9	9.5
65-74	9.1	5.2
75+	8.1	8.1

Drug* overdose ED visits in February 2021 were predominantly: Male (50.5%), White (71.5%), and between 25-34 years of age (26.8%).

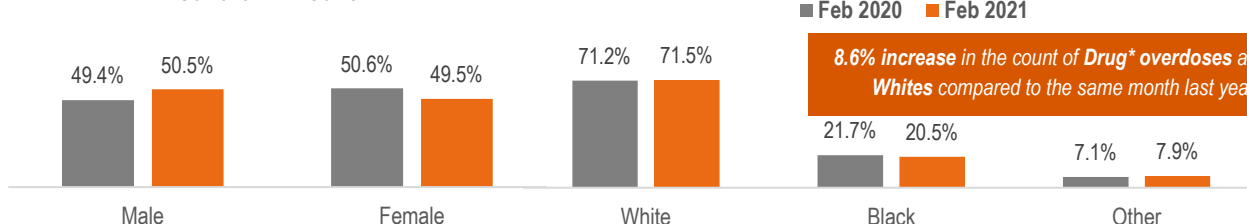
Percent of All Drug* Overdose ED Visits by Age Group^o



33.8% increase in the count of Drug* overdoses among ages 35-44 compared to the same month last year

Percent of All Drug* Overdose ED Visits by Sex^o

■ Feb 2020 ■ Feb 2021



9.7% increase in the count of Drug* overdoses among males compared to the same month last year

8.6% increase in the count of Drug* overdoses among Whites compared to the same month last year

Data source: Suspected drug overdose ED/Urgent Care visits by chief complaint upon admission and/or discharge diagnosis reported to DPH Syndromic Surveillance. See data limitations [here](#).

*Drugs may include any over the counter, prescription, or illicit drug.

^oZip code and county are based on patient residence.

ⁱRate indicates visits per 100,000 persons using 2019 Census data as the denominator. Excluded rates for counties with <15 visits.

^oPercent change data by county excludes counties with less than 3 visits.

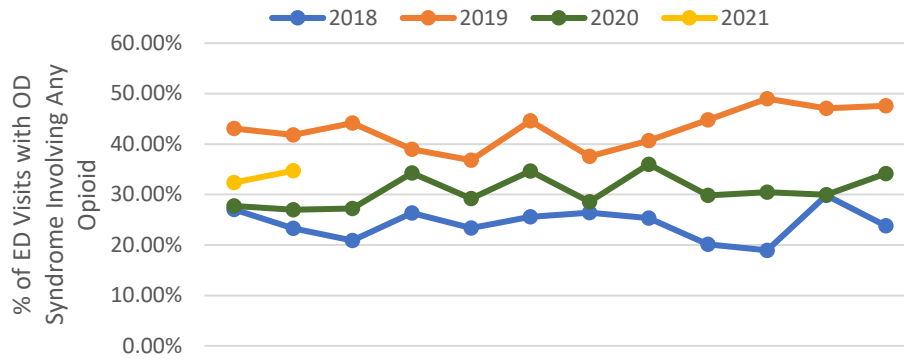
^oDrug Specific Categories are not mutually exclusive and include illicit and prescription drugs. Specific drugs identified using the chief complaint and/or discharge diagnosis fields and are not meant to be comprehensive.

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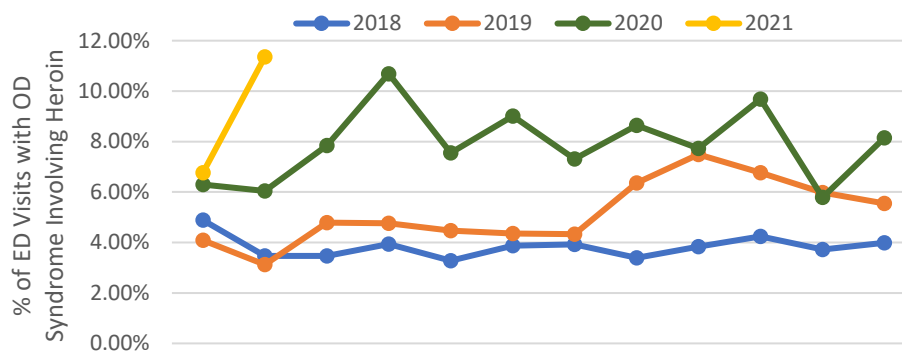
Syndromic Surveillance Drug Overdose Emergency Department Visits: Georgia, January 2021

Opioid-Involved[‡] OD ED Visits by Month, Georgia, 2018-2021



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018	27.04%	23.31%	20.91%	26.36%	23.36%	25.56%	26.40%	25.30%	20.10%	18.94%	29.83%	23.83%	24.24%
2019	43.10%	41.82%	44.17%	38.93%	36.80%	44.60%	37.53%	40.66%	44.77%	48.99%	47.06%	47.58%	43.00%
% Change from 2018 to 2019	59%	79%	111%	48%	58%	74%	42%	61%	123%	159%	58%	100%	81%
2020	27.74%	26.98%	27.22%	34.29%	29.20%	34.63%	28.53%	36.00%	29.84%	30.44%	29.95%	34.16%	30.75%
% Change from 2019 to 2020	-36%	-35%	-38%	-12%	-21%	-22%	-24%	-11%	-33%	-38%	-36%	-28%	-28%
2021	32.36%	34.71%											33.53%
% Change from 2020 to 2021	17%	29%											23%

Heroin-Involved OD ED Visits by Month, Georgia, 2018-2021



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
2018	4.89%	3.47%	3.47%	3.93%	3.28%	3.87%	3.93%	3.40%	3.83%	4.24%	3.72%	3.99%	3.83%
2019	4.08%	3.12%	4.79%	4.76%	4.46%	4.36%	4.33%	6.36%	7.49%	6.76%	5.98%	5.55%	5.17%
% Change from 2018 to 2019	-16%	-10%	38%	21%	36%	12%	10%	87%	95%	60%	61%	39%	36%
2020	6.30%	6.04%	7.84%	10.69%	7.56%	9.01%	7.31%	8.64%	7.72%	9.68%	5.79%	8.15%	7.90%
% Change from 2019 to 2020	54%	94%	64%	125%	69%	107%	69%	36%	3%	43%	-3%	47%	59%
2021	6.76%	11.36%											9.06%
% Change from 2020 to 2021	7%	88%											48%

Link(s) of interest:

[CDC. Opioid Overdose, Suspected Nonfatal Drug Overdoses during COVID-19](#)

[JAMA Psychiatry, Trends in US Emergency Department Visits for Mental Health, Overdose, and Violence Outcomes Before and During the COVID-19 Pandemic](#)

Data source: Suspected drug overdose ED/Urgent Care visits by chief complaint upon admission and/or discharge diagnosis reported to DPH Syndromic Surveillance. See data limitations [here](#).

*Drugs may include any over the counter, prescription, or illicit drug.

^Zip code and county are based on patient residence.

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