



**KENTUCKY INJURY PREVENTION  
AND RESEARCH CENTER**

# **Kentucky Resident Emergency Department Admissions for Nonfatal Drug Overdoses, 2016–2020**

**Annual Report, 07/26/2021**

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## Kentucky Resident Emergency Department Admissions for Nonfatal Drug Overdoses, 2016–2020

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## About this Report

This report presents the burden of emergency department (ED) admissions due to nonfatal drug overdoses among Kentucky residents. The data source for the Kentucky resident data in this report is the Kentucky Outpatient Services Database, Office of Health Data and Analytics, Cabinet for Health and Family Services. Data are provisional and subject to change. This report was supported by Cooperative Agreement Number NU17CE924971-02-01, funded by the Centers for Disease Control and Prevention (CDC). Its contents are solely the responsibility of the authors and do not necessarily represent the official views of the Centers for Disease Control and Prevention or the Department of Health and Human Services.

Events represent encounters of care and may be greater than the total number of Kentucky residents admitted to an ED. Non-Kentucky residents admitted to Kentucky hospitals are not included in the counts of events. This report also does not include events for Kentucky residents who were admitted to an ED located outside of the Commonwealth. These limitations result in a likely undercount of all drug overdose ED admissions that occurred in Kentucky or among Kentucky residents.

Counts less than 5 and rates based on counts less than 10 were suppressed in accordance with state data management policy. Rates based on counts less than 20 are unstable and should be interpreted with caution.

## Definitions

This report conforms to the standards set by the Council of State and Territorial Epidemiologists (CSTE) for identifying injury events using hospital records. The identification of a drug overdose ED admission was based on ICD-10-CM codes listed under any diagnosis category and did not rely solely on the primary diagnosis. Drug overdoses of all intents (i.e., unintentional, suicide, homicide, undetermined) were included in this report, unless otherwise stated. Only events representing initial encounters were included in this report, as determined by a seventh character in the ICD-10-CM code of “A” or missing.

The following ICD-10-CM codes were used to identify drug overdoses

DRUG TYPE	ICD-10-CM CODE
All Drugs	T36.X–T50.X
Any Opioid	T40.0–T40.4,
Any Stimulant	T40.5, T43.6
Heroin	T40.1
Prescription (RX) Opioid	T40.0, T40.2–T40.3
Synthetic Opioid	T40.4
Benzodiazepine	T42.4
Cocaine	T40.5
Cannabis	T40.7
Psychostimulant	T43.6

## Executive Summary

### Total Visits

- The number of statewide emergency department (ED) visits for nonfatal drug overdoses in Kentucky increased from 2019 to 2020, although at lower numbers than reported in 2017. This increase was observed primarily among nonfatal drug overdoses involving opioids.

### Sex

- Approximately 60% of those who were treated for a nonfatal drug overdose at an ED were male, with that proportion increasing when examining overdoses caused by opioids and stimulants.

### Race

- While the majority of patients who experience a nonfatal drug overdose during this five-year period were white (89%), this proportion is lower than what would be expected based on their representation in Kentucky's general population (92%). The proportion of nonfatal stimulant overdoses among individuals who were white again drops below their proportion in the general population (88%, vs 92% in the general population). For nonfatal opioid overdoses, the percentage of who were treated for a nonfatal drug overdose are white is approximately equal to their representation in the general population (93%, vs 92% in the general population).
- Black residents experienced a greater percent increase in drug overdoses from 2019 to 2019 (35%, 73%, and 18% for all drug, opioid, and stimulant overdoses, respectively) when compared to white residents (11%, 25%, and -4% for all drug, opioid, and stimulant overdoses, respectively).

### Drug Types

- The rate of nonfatal drug overdose ED visits involving synthetic opioids increased in 2020 to 488 visits from 293 visits in 2019. Drug overdoses involving prescription opioids and heroin also increased from 2019 to 2020, though not at the same rate as synthetic opioids. The count of nonfatal drug overdose ED visits involving psychostimulants other than cocaine decreased from 672 visits in 2019 to 658 visits in 2020.

### Seasonality

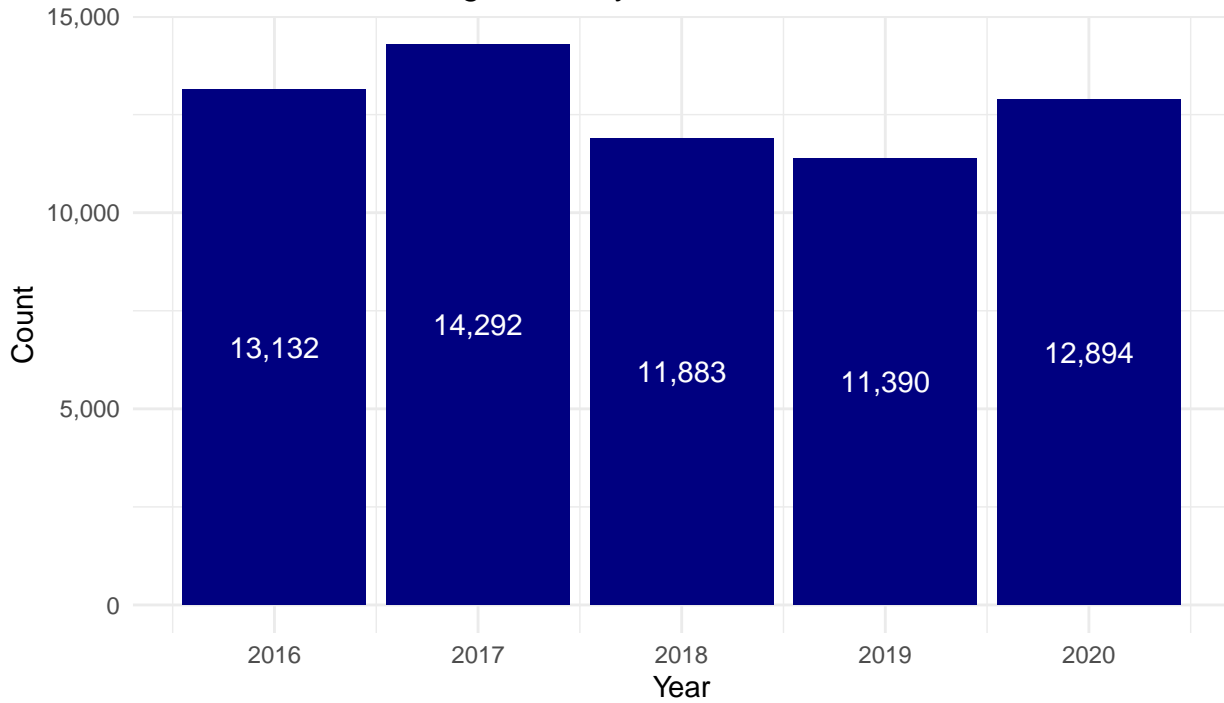
- Generally, the numbers of ED visits for nonfatal drug overdoses were elevated in mid- to late-summer compared to the other seasons of the year during this study period.

### County Ranking

- In 2020, the five counties with the highest age-adjusted rates for nonfatal drug overdoses were Estill County (581.7 visits per 100,000 residents, n=73), Grant County (580.9 visits per 100,000 residents, n=138), Taylor County (551.0 visits per 100,000 residents, n=128), Kenton County (515.3 visits per 100,000 residents, n=828), and Perry County (491.5 visits per 100,000 residents, n=118). While Robertson County experienced a rate of 522.7 visits per 100,000 residents, the low count of cases in this county (n=10) means that this rate is unstable and should be interpreted with caution, leading to its exclusion from this list.

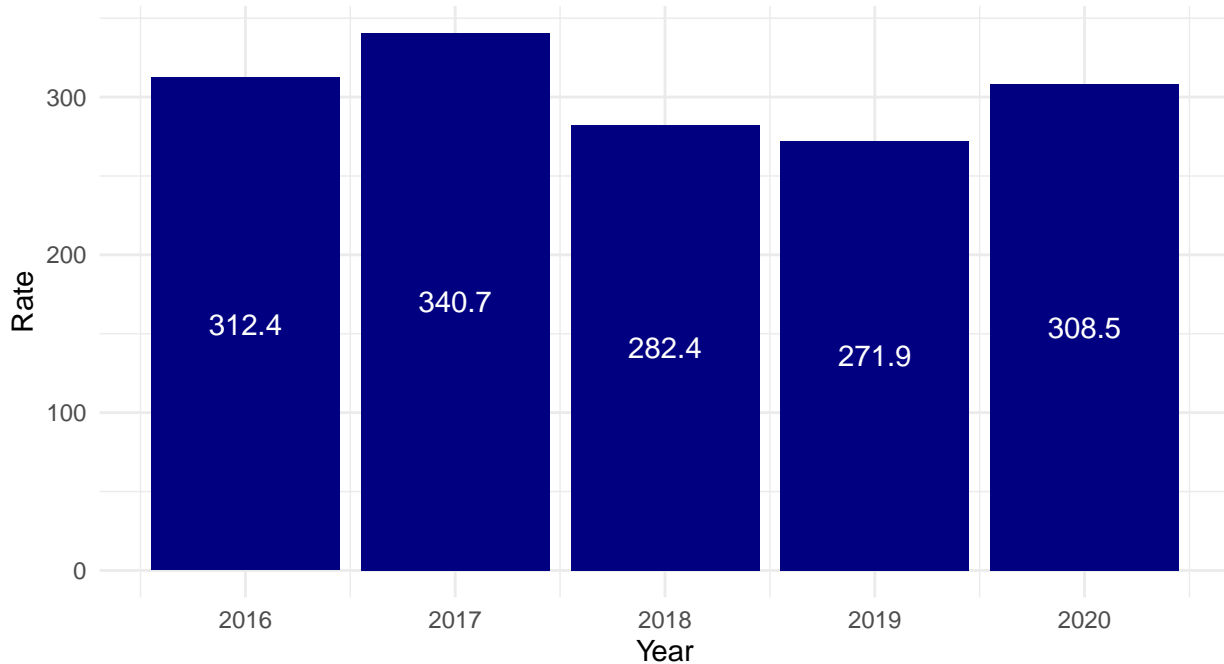
## All Drugs

### Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents, 2016–2020



Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

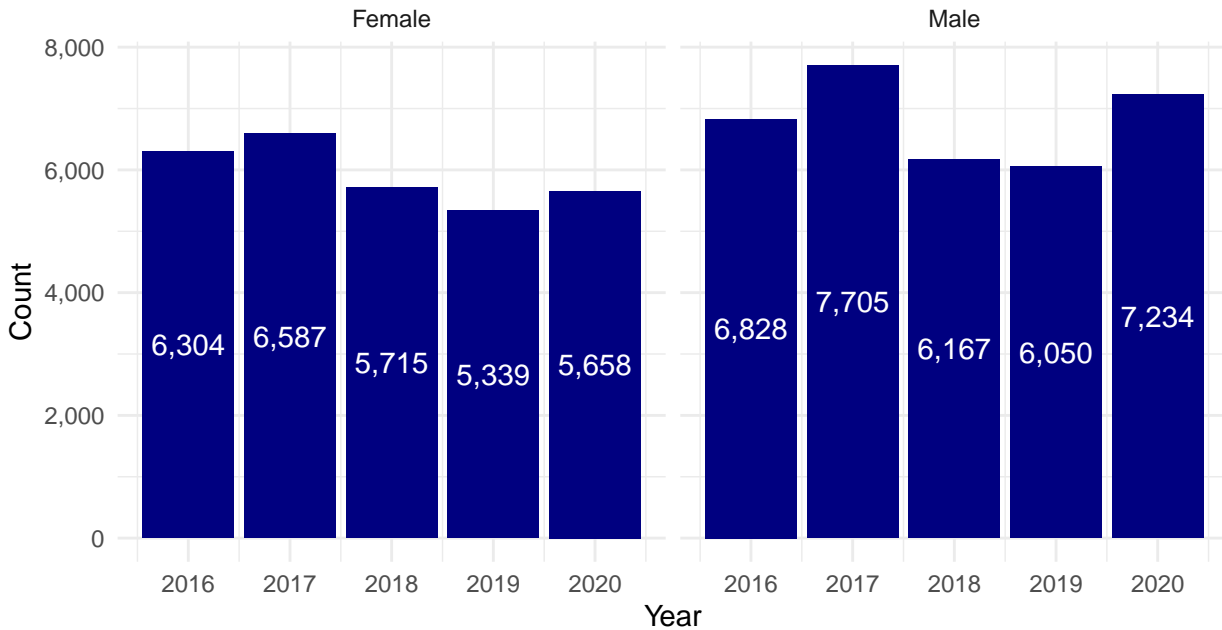
### Annual Age-Adjusted Rates of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents, 2016–2020



Rates are presented as number of events per 100,000 population.

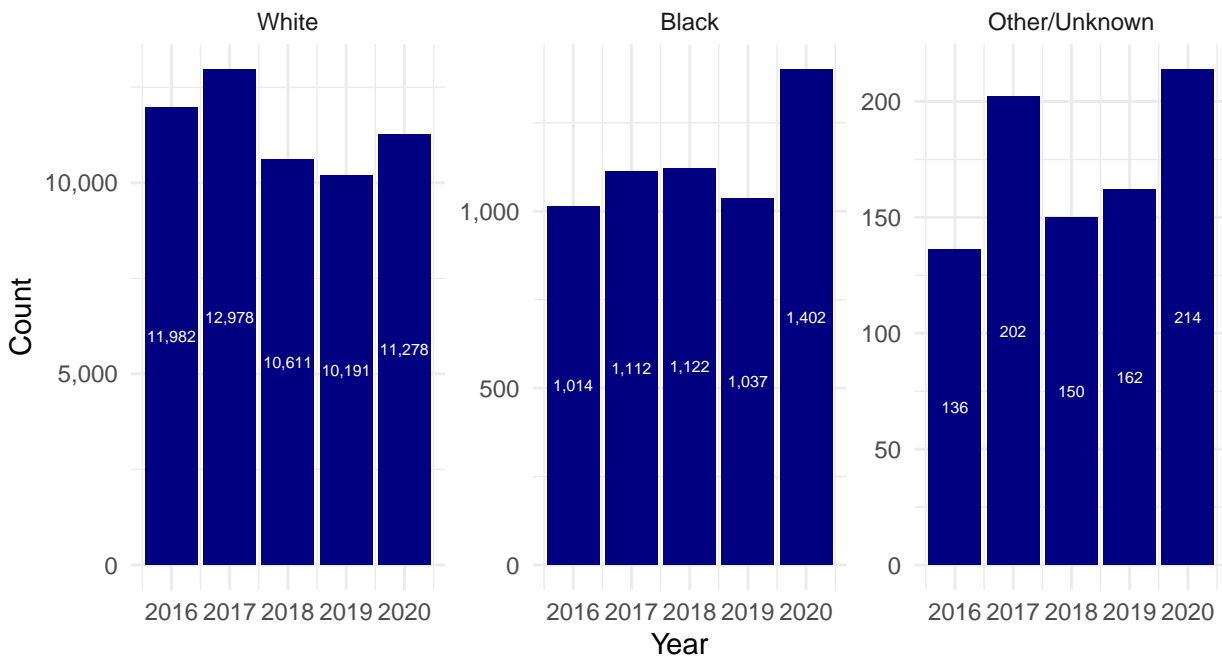
Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

## Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Sex, 2016–2020



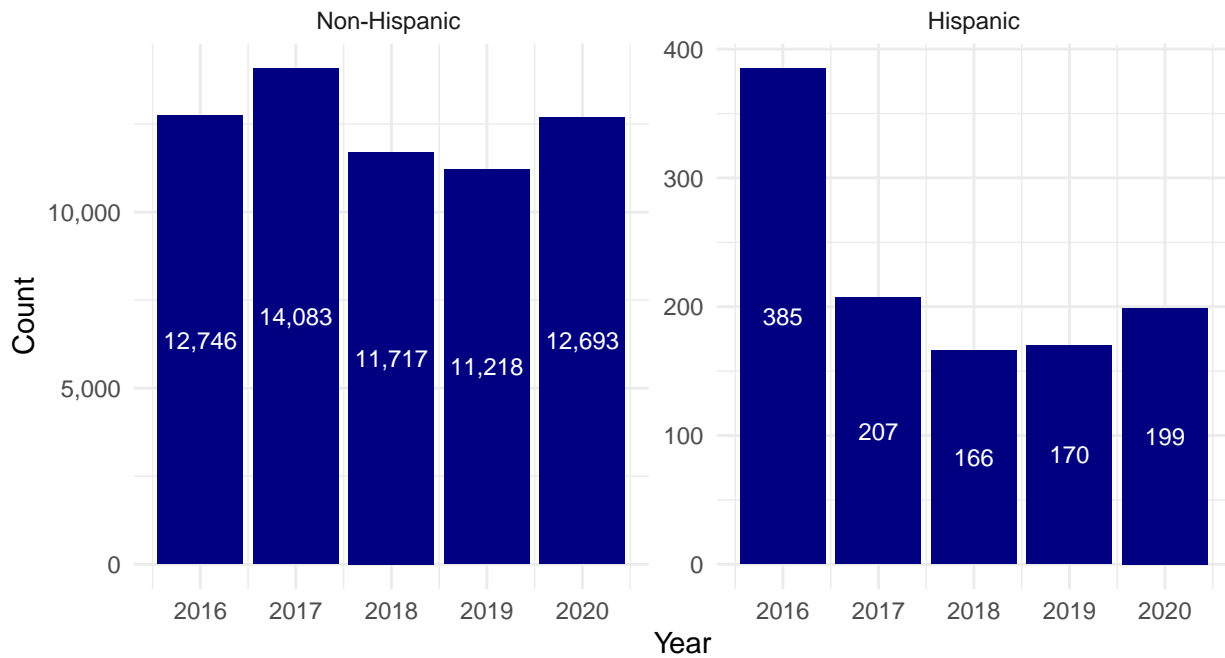
Patients with unknown sex were excluded from this analysis (n = <5).  
 Produced by the Kentucky Injury Prevention and Research Center  
 as bona fide agent for the Kentucky Department for Public Health.  
 Data are provisional and subject to change.

## Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Race, 2016–2020



Produced by the Kentucky Injury Prevention and Research Center  
 as bona fide agent for the Kentucky Department for Public Health.  
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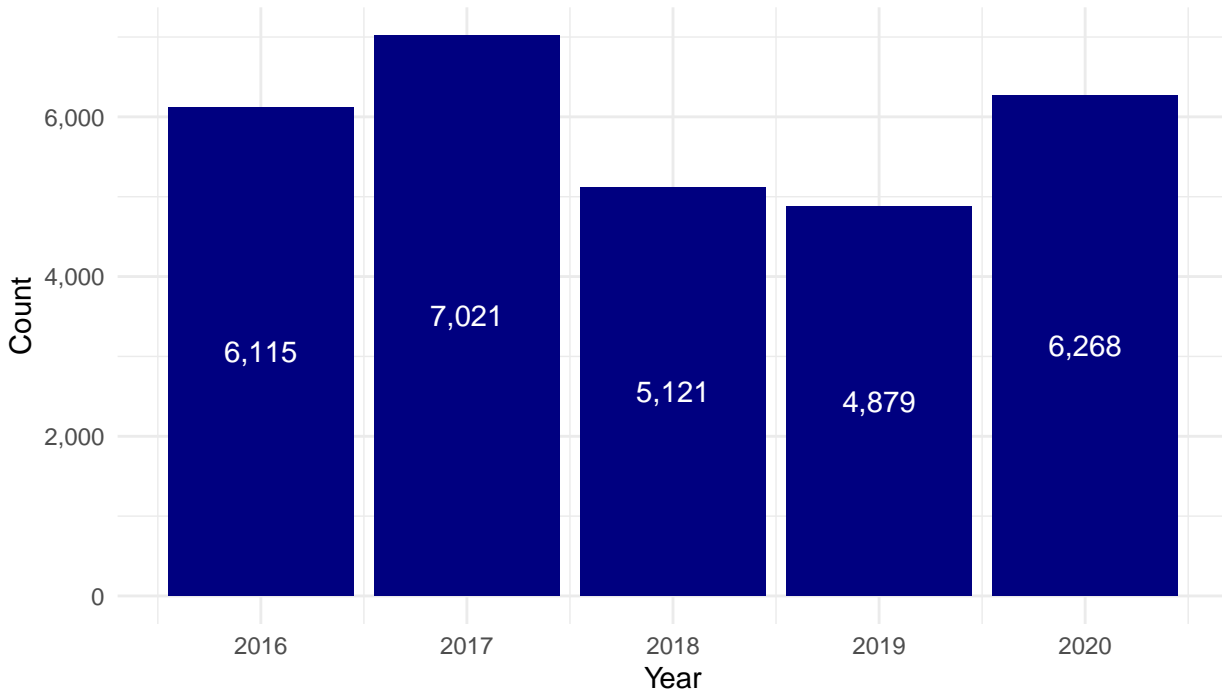
## Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Ethnicity, 2016–2020



Patients with unknown ethnicity were excluded from this analysis (n = 7).  
Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

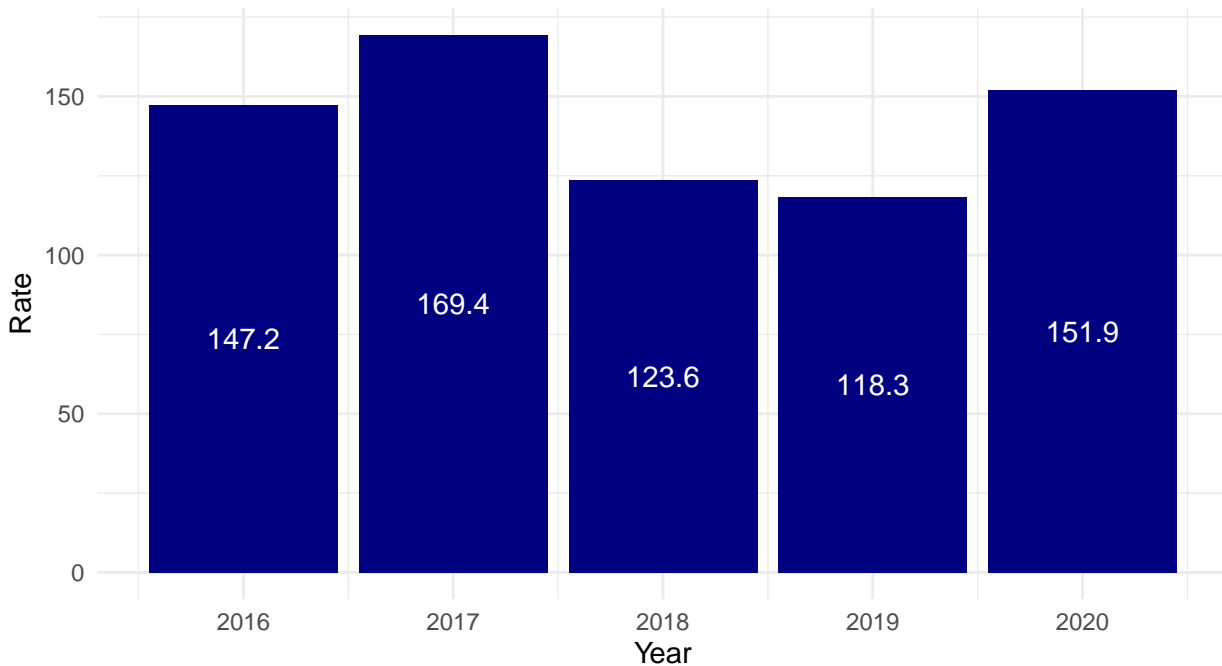
## All Opioids

Annual Counts of ED Visits for a Nonfatal Opioid Overdose among Kentucky Residents, 2016–2020



Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

Annual Age-Adjusted Rates of ED Visits for a Nonfatal Opioid Overdose among Kentucky Residents, 2016–2020

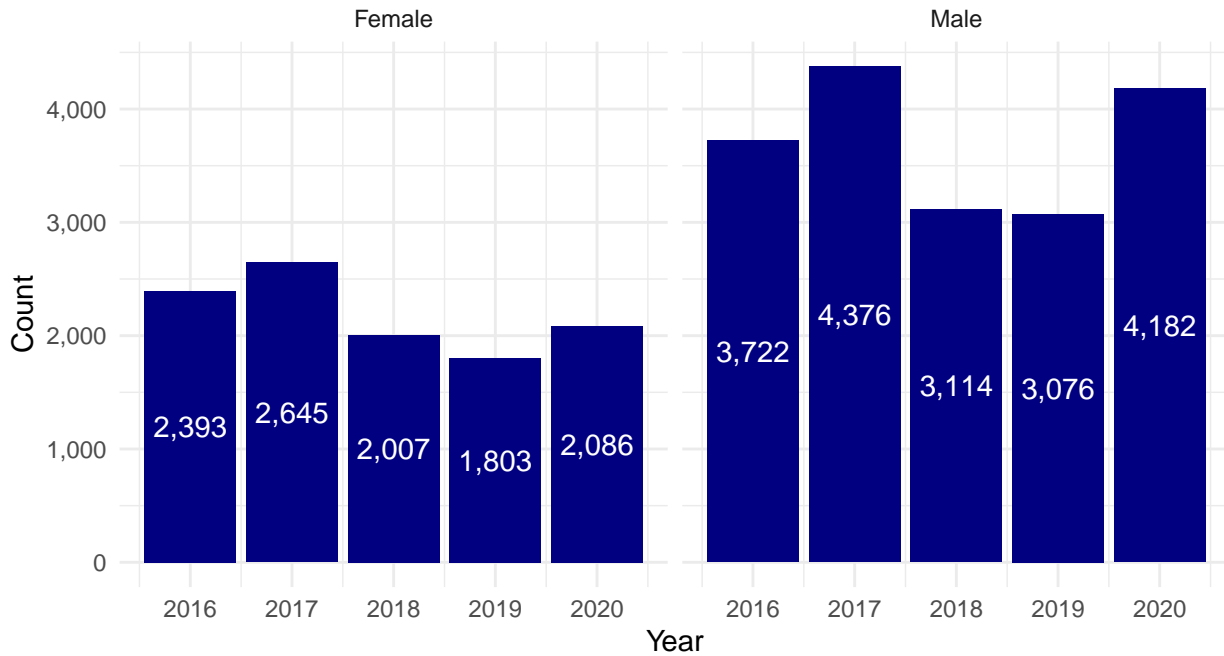


Rates are presented as number of events per 100,000 population.

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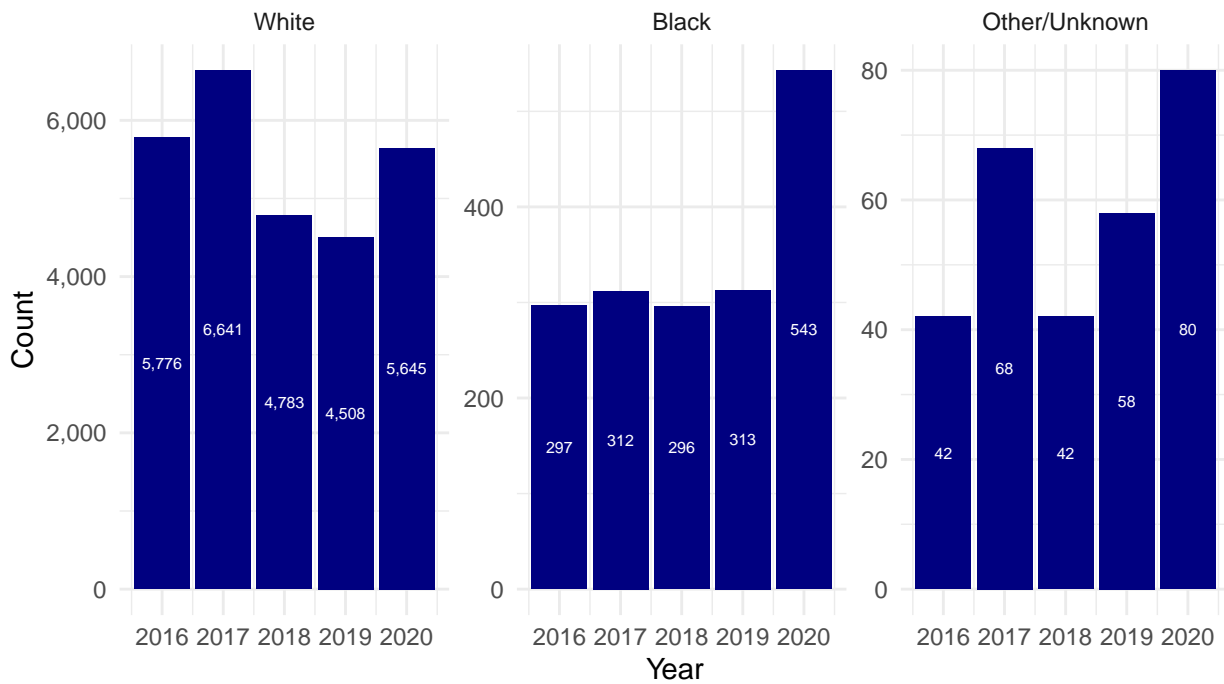


## Annual Counts of ED Visits for a Nonfatal Opioid Overdose among Kentucky Residents by Sex, 2016–2020



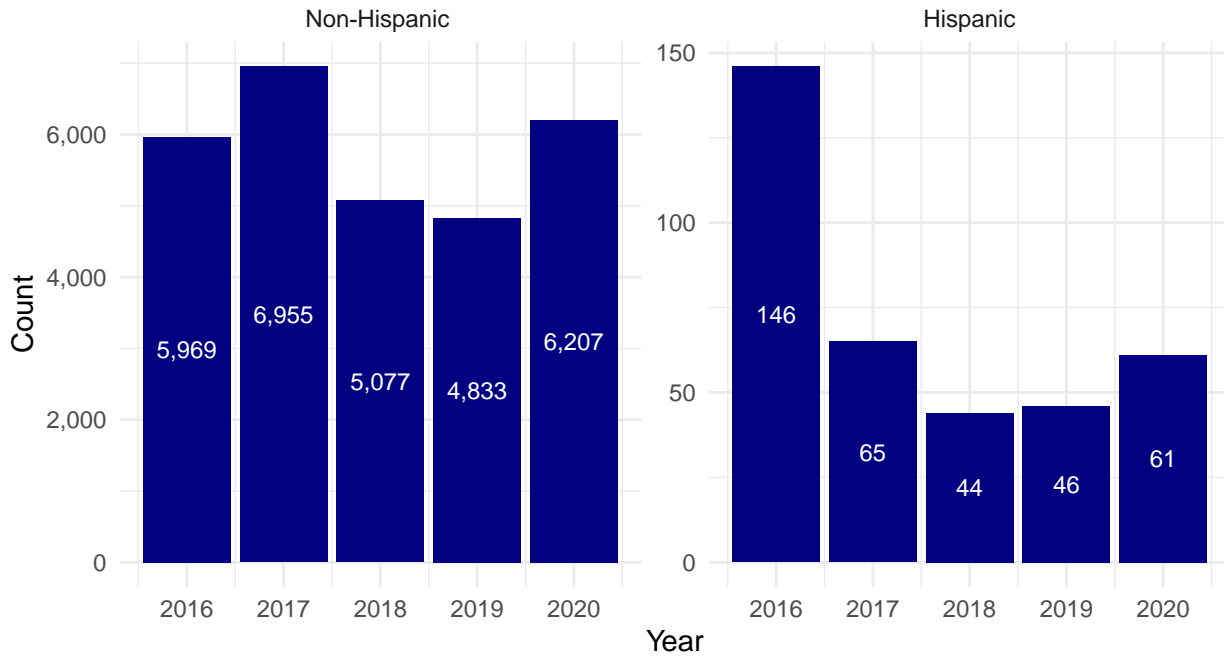
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## Annual Counts of ED Visits for a Nonfatal Opioid Overdose among Kentucky Residents by Race, 2016–2020



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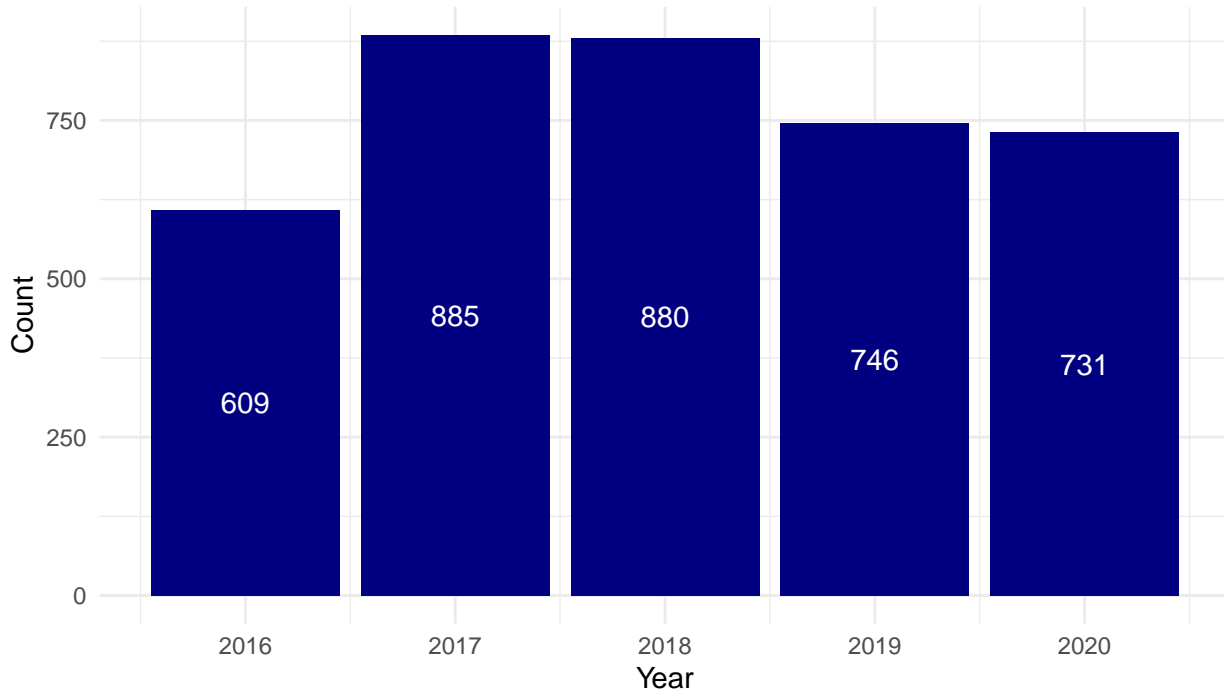
## Annual Counts of ED Visits for a Nonfatal Opioid Overdose among Kentucky Residents by Ethnicity, 2016–2020



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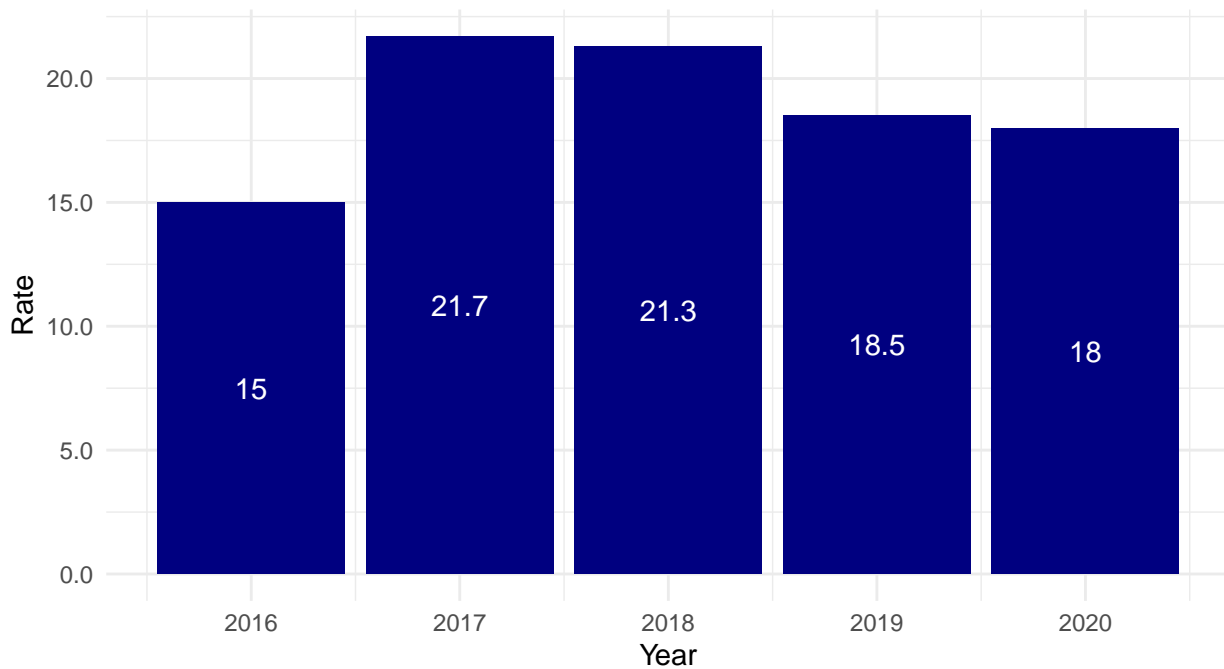
## All Stimulants

Annual Counts of ED Visits for a Nonfatal Stimulant Overdose among Kentucky Residents, 2016–2020



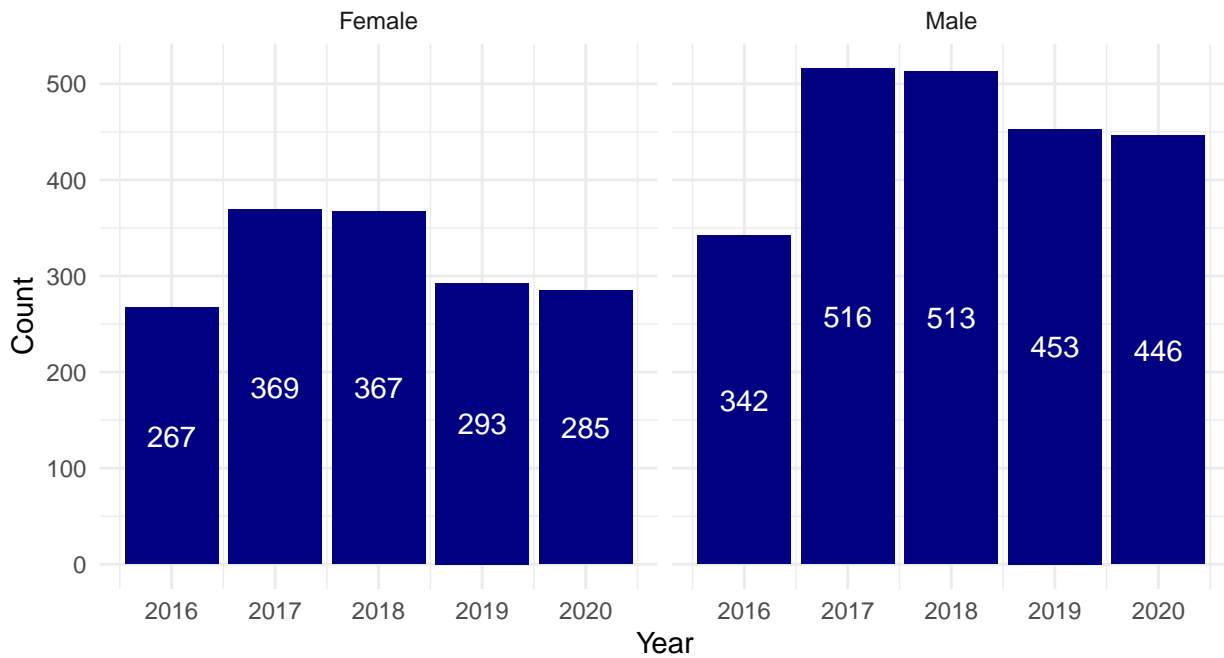
Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

Annual Age-Adjusted Rates of ED Visits for a Nonfatal Stimulant Overdose among Kentucky Residents, 2016–2020



Rates are presented as number of events per 100,000 population. Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

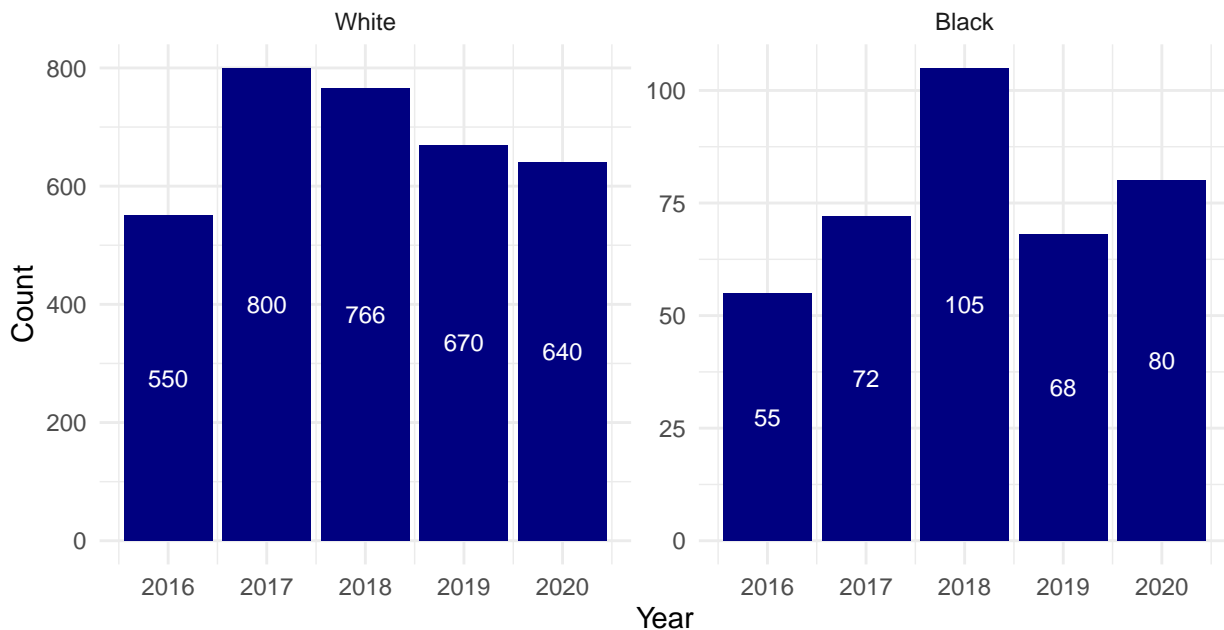
## Annual Counts of ED Visits for a Nonfatal Stimulant Overdose among Kentucky Residents by Sex, 2016–2020



Patients with unknown sex were excluded from this analysis (n = <5).

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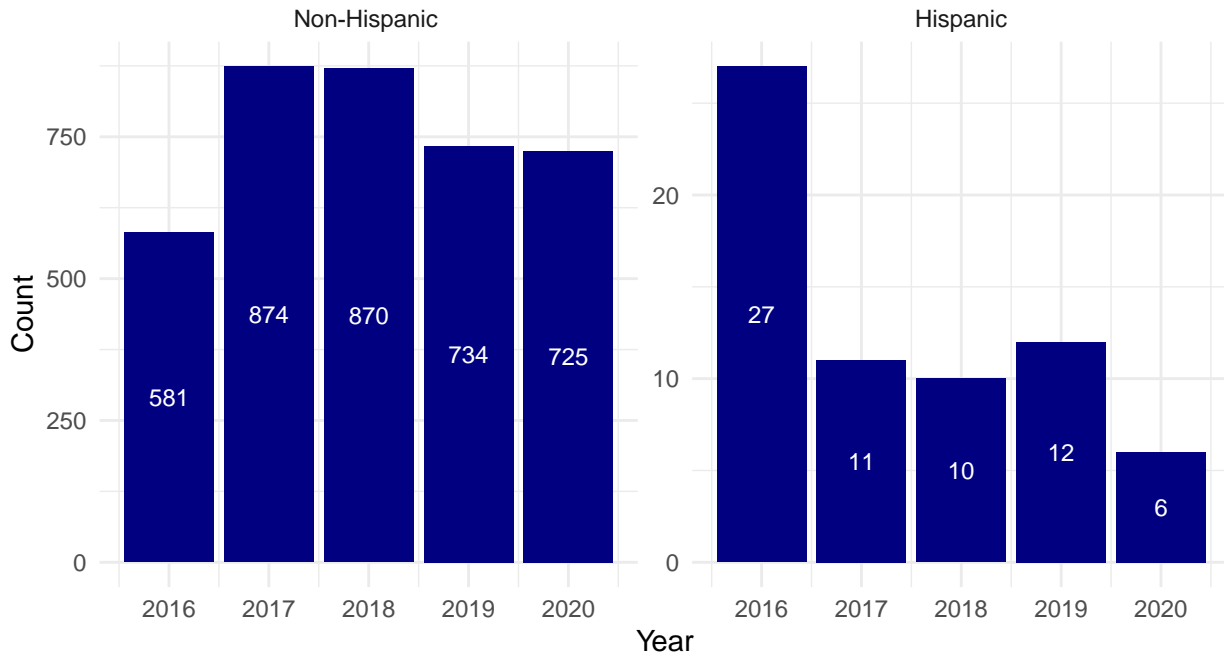
## Annual Counts of ED Visits for a Nonfatal Stimulant Overdose among Kentucky Residents by Race, 2016–2020



Due to low sample size in several years, patients with a race labeled as 'other' or 'unknown' were excluded from this analysis (n = 45).

Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

## Annual Counts of ED Visits for a Nonfatal Stimulant Overdose among Kentucky Residents by Ethnicity, 2016–2020

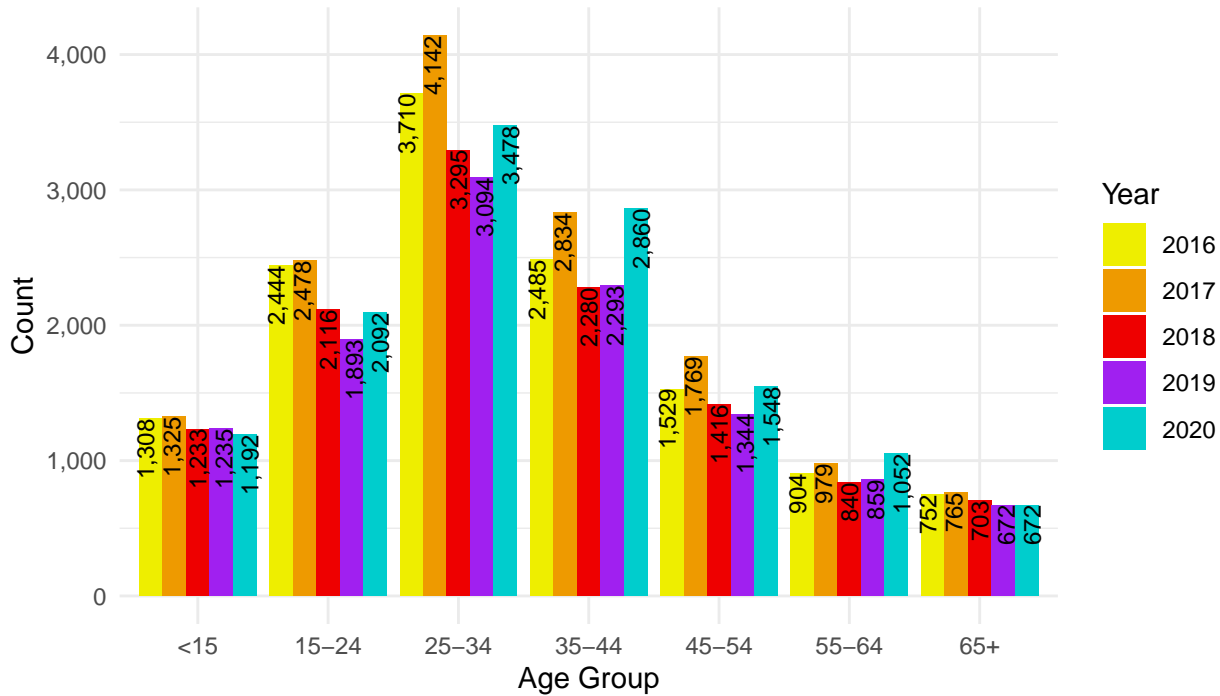


Patients with unknown ethnicity were excluded from this analysis (n = 7).

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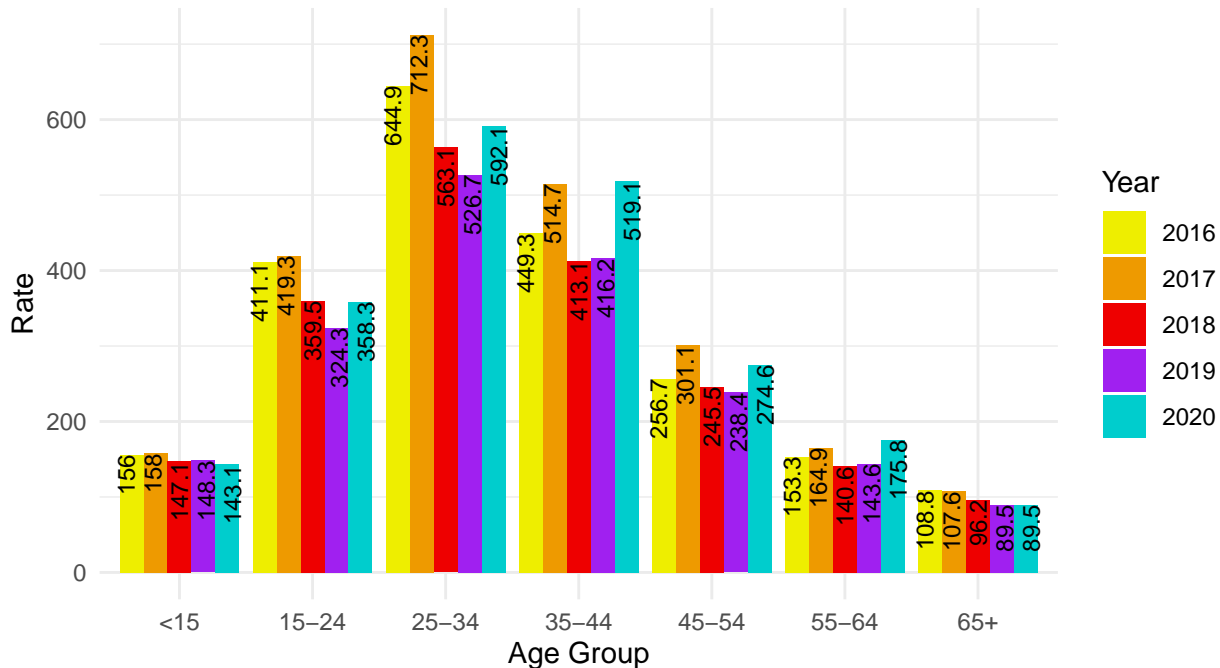
## Age Groups

Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Age Group, 2016...2020



Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

Age-Specific Rate of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents, 2016-2020

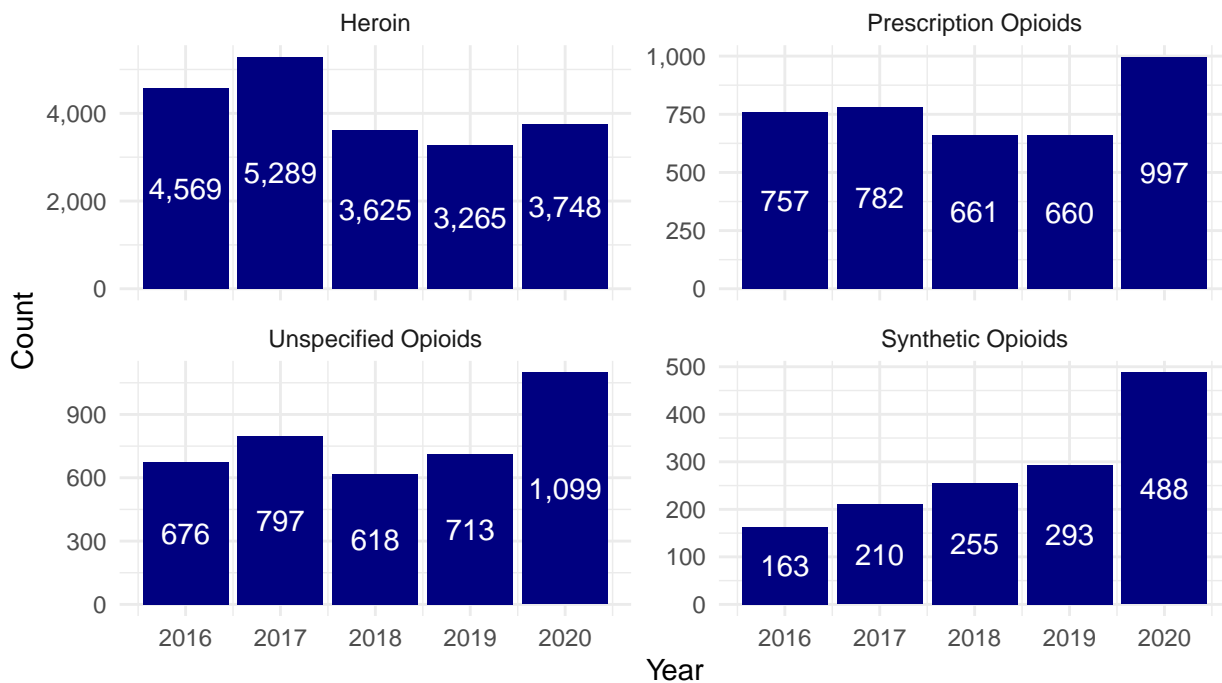


Rate is expressed as the number of events per 100,000 population.

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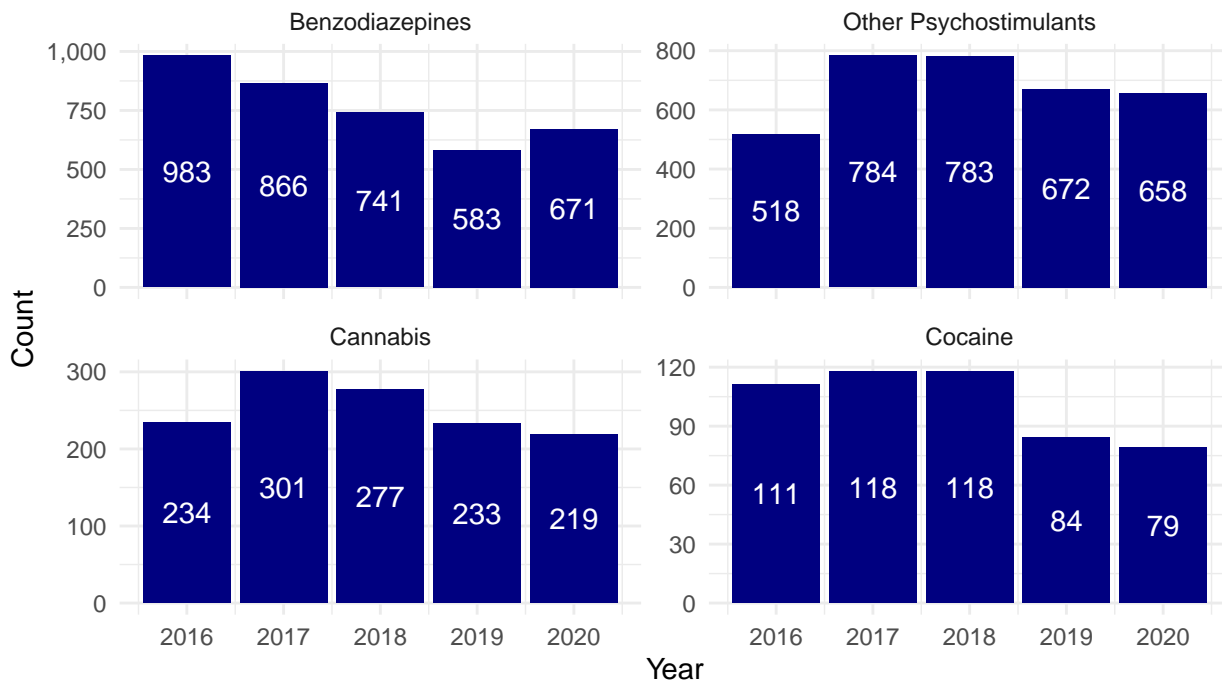
## Drug Types

Annual Counts of ED Visits for a Nonfatal Opioid Overdose among Kentucky Residents by Drug Type, 2016–2020



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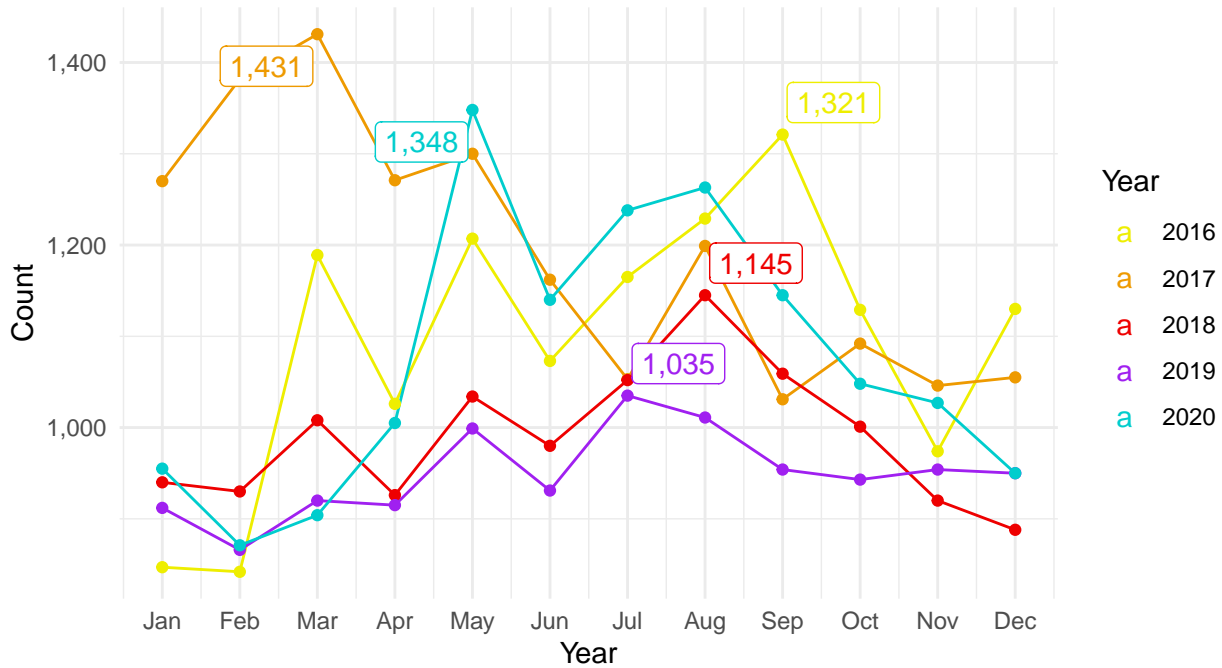
Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Drug Type, 2016–2020



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# Monthly Counts

## Monthly Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Year, 2016–2020

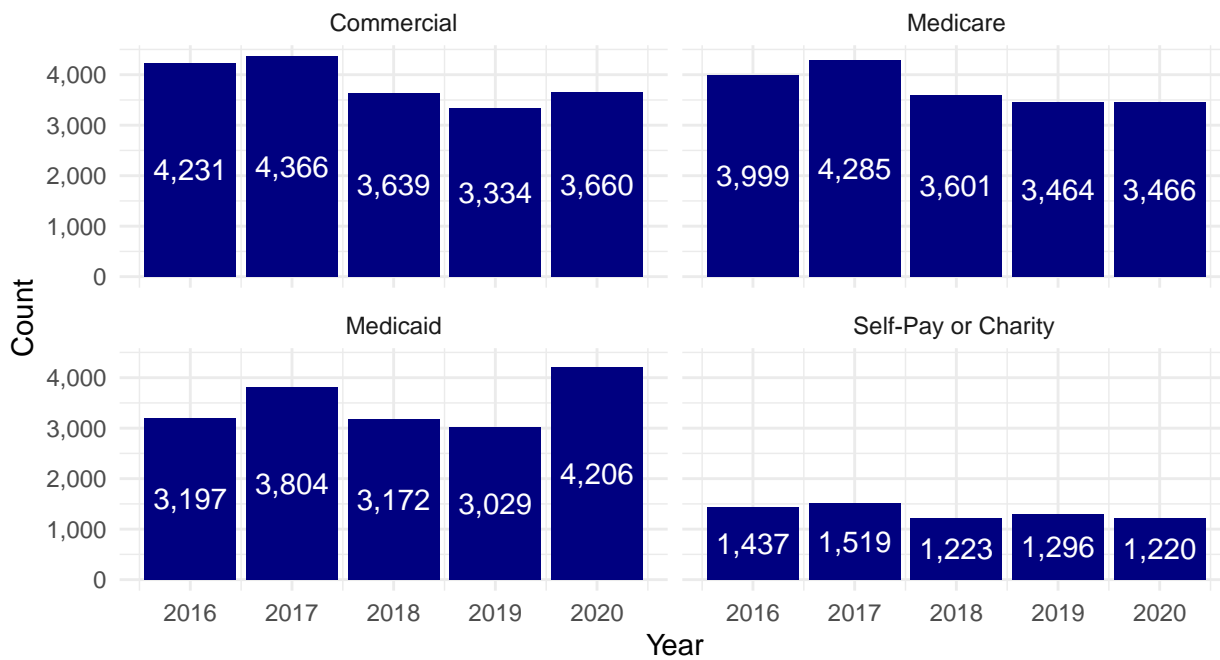


Labeled values display the maximum monthly count for each year.  
 Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.



## Payer Types

Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Payer Type, 2016–2020



Patients with other payer types were excluded from this analysis (n = 1443)  
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 for the Kentucky Department for Public Health. Data are provisional and subject to change.

# Intention

## Annual Counts of ED Visits for a Nonfatal Drug Overdose among Kentucky Residents by Intention, 2016–2020



Produced by the Kentucky Injury Prevention and Research Center as bona fide agent for the Kentucky Department for Public Health. Data are provisional and subject to change.

## Counties

Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Adair</b>	2016	46	<5	<5	245.2	*	*
	2017	33	7	<5	190.3	*	*
	2018	37	6	5	207.9	*	*
	2019	28	<5	<5	168.9	*	*
	2020	41	14	<5	255	82.9	*
<b>Allen</b>	2016	28	<5	<5	144.4	*	*
	2017	34	6	<5	173	*	*
	2018	25	<5	<5	126.4	*	*
	2019	16	<5	<5	80.5	*	*
	2020	24	6	0	128.8	*	0.0
<b>Anderson</b>	2016	89	44	<5	435.5	215.1	*
	2017	71	34	<5	359	176.7	*
	2018	66	30	<5	320	145.7	*
	2019	54	22	5	257.3	104.5	*
	2020	48	26	<5	231.2	128.5	*
<b>Ballard</b>	2016	12	0	0	163.8	0.0	0.0
	2017	14	<5	<5	185.1	*	*
	2018	8	<5	0	*	*	0.0
	2019	9	0	0	*	0.0	0.0
	2020	10	<5	0	136.9	*	0.0

*Note:*

Counts less than 5 and rates based on counts less than 10 are suppressed in accordance with state data management policy. Suppressed rates are indicated with an asterisk. Rates based on counts less than 20 are unstable and should be interpreted with caution.

Rates are presented as the number of ED visits per 100,000 population

Produced by the Kentucky Injury Prevention and Research Center, as bona fide agent for the Kentucky Department for Public Health, July 2021.

<sup>1</sup>Data are counted based on the patient's county of residence.

Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Barren</b>	2016	106	18	<5	250.9	43.9	*
	2017	98	7	15	249.9	*	39.5
	2018	91	8	8	226.7	*	*
	2019	71	9	<5	165	*	*
	2020	99	24	7	233.2	51.5	*
<b>Bath</b>	2016	31	16	<5	265.2	145.8	*
	2017	67	45	<5	595.1	393.1	*
	2018	28	16	0	256.8	152.1	0.0
	2019	34	13	<5	296.9	122.9	*
	2020	43	27	<5	391.7	246.4	*
<b>Bell</b>	2016	108	20	11	441	80	48.7
	2017	94	18	11	385.3	73.1	48.6
	2018	66	11	10	266.8	36.2	39.6
	2019	64	17	11	263	62.1	48
	2020	77	19	9	328.2	80	*
<b>Boone</b>	2016	347	234	11	286.9	196.7	8.9
	2017	421	303	11	337.3	242.4	8.9
	2018	353	216	13	288.3	180	10.3
	2019	333	175	13	266.2	142.6	10.3
	2020	348	181	15	278.7	145.6	12.5

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Bourbon</b>	2016	34	9	0	183.6	*	0.0
	2017	52	28	<5	307.3	172.1	*
	2018	49	25	8	270.3	139.3	*
	2019	62	32	<5	341.3	175.6	*
	2020	72	41	<5	425.7	252.1	*
<b>Boyd</b>	2016	141	83	<5	315.1	186.3	*
	2017	268	172	15	621.1	406.2	33.6
	2018	208	120	7	489.3	286.4	*
	2019	161	91	12	374.5	222	30.4
	2020	169	94	<5	403.8	228.8	*
<b>Boyle</b>	2016	93	33	7	345.5	128.1	*
	2017	64	23	7	246.4	95	*
	2018	70	25	<5	262.7	93.9	*
	2019	58	31	<5	220.4	120.8	*
	2020	74	33	<5	266	118.5	*
<b>Bracken</b>	2016	30	21	0	373.3	253.9	0.0
	2017	29	17	0	392.2	232.3	0.0
	2018	32	13	<5	442.4	186.6	*
	2019	27	13	<5	389.4	194.4	*
	2020	25	18	<5	358.5	258.2	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Breathitt</b>	2016	37	5	<5	287.4	*	*
	2017	43	13	8	354.7	99.7	*
	2018	34	8	6	289	*	*
	2019	36	6	<5	287.8	*	*
	2020	27	8	<5	219.8	*	*
<b>Breckinridge</b>	2016	54	16	<5	281.8	77.4	*
	2017	47	9	<5	237.2	*	*
	2018	36	8	<5	188.5	*	*
	2019	36	7	<5	190.4	*	*
	2020	36	13	<5	203.5	76.7	*
<b>Bullitt</b>	2016	240	149	11	332	206.8	15.1
	2017	230	152	9	311.1	204.6	*
	2018	186	106	9	247.9	140.1	*
	2019	176	113	7	232.6	150.5	*
	2020	254	160	10	334.8	215.1	13.6
<b>Butler</b>	2016	23	<5	<5	198.2	*	*
	2017	21	<5	6	176.8	*	*
	2018	14	<5	<5	113.6	*	*
	2019	6	0	0	*	0.0	0.0
	2020	12	<5	0	103.8	*	0.0

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Caldwell</b>	2016	35	5	<5	286.6	*	*
	2017	43	<5	<5	372.2	*	*
	2018	17	<5	<5	132	*	*
	2019	26	<5	<5	222	*	*
	2020	15	<5	<5	131.5	*	*
<b>Calloway</b>	2016	80	12	6	214.8	31.9	*
	2017	62	6	<5	172.9	*	*
	2018	56	6	<5	141.7	*	*
	2019	61	16	<5	160.5	43.2	*
	2020	62	10	<5	168	29.3	*
<b>Campbell</b>	2016	424	352	<5	480.4	397.1	*
	2017	511	424	8	567.6	473.4	*
	2018	408	315	13	445.3	343.5	15
	2019	348	251	11	392.5	285.2	11.5
	2020	344	245	11	386.4	271.2	13.2
<b>Carlisle</b>	2016	<5	0	0	*	0.0	0.0
	2017	9	<5	0	*	*	0.0
	2018	6	<5	<5	*	*	*
	2019	5	0	<5	*	0.0	*
	2020	0	0	0	0.0	0.0	0.0

*Note:*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Carroll</b>	2016	56	33	<5	579.4	348.6	*
	2017	68	37	<5	706.8	388	*
	2018	47	28	<5	466.2	289.3	*
	2019	51	21	<5	521.1	211.2	*
	2020	44	23	7	458.4	256.1	*
<b>Carter</b>	2016	44	15	<5	174	64.5	*
	2017	106	65	12	458.6	278.6	54.7
	2018	87	53	<5	369.3	231.2	*
	2019	54	24	<5	224.1	103.3	*
	2020	66	36	<5	286.2	167.9	*
<b>Casey</b>	2016	67	12	13	442.3	82	103.7
	2017	57	12	15	373.2	75.8	117.4
	2018	55	8	9	361.7	*	*
	2019	47	6	6	291.3	*	*
	2020	42	7	12	280.6	*	85.9
<b>Christian</b>	2016	90	6	<5	122.8	*	*
	2017	105	12	<5	149.3	14.9	*
	2018	110	8	<5	157.3	*	*
	2019	86	9	6	117.5	*	*
	2020	118	17	6	175.5	31.9	*

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Clark</b>	2016	139	54	7	427.8	172.4	*
	2017	153	88	21	487.7	287.8	70
	2018	147	89	16	451.6	274.4	49.9
	2019	90	48	10	274.6	155.7	29.8
	2020	96	50	6	295.6	157	*
<b>Clay</b>	2016	98	16	10	465.6	66.3	46.3
	2017	130	17	11	635.1	69.8	51.6
	2018	109	12	7	544.1	62.1	*
	2019	55	10	8	286.8	47.6	*
	2020	51	16	<5	266.6	77.5	*
<b>Clinton</b>	2016	15	5	0	127.7	*	0.0
	2017	11	<5	<5	98.4	*	*
	2018	9	<5	<5	*	*	*
	2019	20	<5	<5	212.8	*	*
	2020	18	<5	<5	203.1	*	*
<b>Crittenden</b>	2016	18	<5	<5	219.5	*	*
	2017	20	5	<5	253.7	*	*
	2018	13	<5	<5	150.6	*	*
	2019	12	<5	<5	166.6	*	*
	2020	12	<5	<5	156	*	*

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Cumberland</b>	2016	21	<5	<5	356.1	*	*
	2017	9	0	<5	*	0.0	*
	2018	10	<5	0	153.9	*	0.0
	2019	12	<5	<5	147.7	*	*
	2020	11	<5	<5	160.4	*	*
<b>Daviess</b>	2016	202	13	8	203.3	11.4	*
	2017	215	17	17	222.7	16.9	18.2
	2018	168	31	10	174.9	32.8	10.9
	2019	166	16	9	170.4	16.9	*
	2020	197	29	5	210.1	29.7	*
<b>Edmonson</b>	2016	10	<5	0	94.6	*	0.0
	2017	15	5	<5	126.1	*	*
	2018	20	<5	<5	174.7	*	*
	2019	7	<5	0	*	*	0.0
	2020	14	5	<5	122.4	*	*
<b>Elliott</b>	2016	8	<5	0	*	*	0.0
	2017	7	<5	0	*	*	0.0
	2018	10	<5	<5	130.5	*	*
	2019	12	<5	0	210.3	*	0.0
	2020	13	<5	<5	208.7	*	*

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Estill</b>	2016	32	12	<5	253.4	95.1	*
	2017	63	22	0	501.1	183.1	0.0
	2018	61	19	<5	482.2	159.6	*
	2019	80	39	<5	661.5	319.1	*
	2020	73	36	<5	581.7	288.6	*
<b>Fayette</b>	2016	885	479	38	270.5	149.4	11.4
	2017	1014	484	41	310.5	149.5	12.9
	2018	783	388	42	245.1	123.8	12.5
	2019	714	302	52	223.2	94.9	16.9
	2020	854	486	43	266.6	153.8	13.4
<b>Fleming</b>	2016	36	15	0	267	109.2	0.0
	2017	25	9	<5	201.5	*	*
	2018	25	7	<5	179.1	*	*
	2019	32	13	<5	246.2	108.7	*
	2020	36	20	<5	262.9	150.9	*
<b>Floyd</b>	2016	113	27	<5	328.5	77.5	*
	2017	114	28	8	343.5	86.8	*
	2018	110	25	15	331.2	78.7	49
	2019	102	21	11	308.2	67.2	36.7
	2020	109	29	18	344.4	88.5	59.9

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Franklin</b>	2016	168	78	10	366.8	169.5	22.4
	2017	161	72	<5	348.6	158.9	*
	2018	159	64	8	332.8	133.9	*
	2019	147	62	<5	329.7	143.6	*
	2020	150	73	<5	323.6	156.3	*
<b>Fulton</b>	2016	<5	0	0	*	0.0	0.0
	2017	6	<5	<5	*	*	*
	2018	<5	0	0	*	0.0	0.0
	2019	8	<5	<5	*	*	*
	2020	<5	<5	0	*	*	0.0
<b>Gallatin</b>	2016	40	24	<5	490.2	295.8	*
	2017	42	27	0	520	327.8	0.0
	2018	33	22	<5	402	273.4	*
	2019	37	23	5	442.6	280.6	*
	2020	29	16	0	351.8	187.1	0.0
<b>Garrard</b>	2016	60	30	<5	400.1	202.5	*
	2017	67	31	<5	448.1	221.3	*
	2018	32	14	<5	206	93.7	*
	2019	40	17	<5	260.4	106	*
	2020	66	32	5	419.4	218.8	*

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Grant</b>	2016	166	114	<5	722.7	503.2	*
	2017	228	157	5	985.2	690.1	*
	2018	158	98	11	676	429.4	45.5
	2019	156	102	6	681.6	452.4	*
	2020	138	88	5	580.9	371.7	*
<b>Graves</b>	2016	61	9	8	175.2	*	*
	2017	75	7	20	220.3	*	61.8
	2018	64	11	11	187.6	32.8	34.7
	2019	107	14	30	315.2	37.1	94.6
	2020	79	11	12	219.7	30.7	34.9
<b>Grayson</b>	2016	102	27	9	425.6	114	*
	2017	117	24	17	490.3	98.1	72.4
	2018	85	17	12	364.5	73.5	52.8
	2019	62	5	5	253.9	*	*
	2020	71	21	6	310.2	92.6	*
<b>Green</b>	2016	29	6	<5	270.3	*	*
	2017	25	5	<5	245.4	*	*
	2018	28	6	<5	296.7	*	*
	2019	26	6	<5	300.8	*	*
	2020	19	<5	0	165.1	*	0.0

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Greenup</b>	2016	48	25	<5	150.1	81.7	*
	2017	67	25	<5	221.1	84	*
	2018	76	38	<5	238.7	115.1	*
	2019	72	22	5	237.8	72.6	*
	2020	63	39	0	203.7	123.5	0.0
<b>Hancock</b>	2016	<5	0	0	*	0.0	0.0
	2017	15	<5	<5	183.3	*	*
	2018	12	<5	0	145.5	*	0.0
	2019	14	<5	0	157.9	*	0.0
	2020	13	<5	0	146.5	*	0.0
<b>Hardin</b>	2016	200	50	11	191.2	47.8	10.6
	2017	236	69	16	222.2	65.5	15.7
	2018	242	70	9	224.5	64.7	*
	2019	184	55	9	172.9	51	*
	2020	245	87	9	227.6	81.9	*
<b>Harlan</b>	2016	57	9	7	231.3	*	*
	2017	51	14	13	211.8	52.2	58.1
	2018	32	10	9	133.6	39.6	*
	2019	64	7	13	280.7	*	58.8
	2020	48	14	9	212	64.1	*

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Harrison</b>	2016	108	56	8	660.2	352.5	*
	2017	106	62	<5	637.1	385.5	*
	2018	85	47	7	501.2	280.1	*
	2019	53	20	<5	314.8	125.9	*
	2020	66	30	5	368.1	161.4	*
<b>Hart</b>	2016	31	<5	<5	176.3	*	*
	2017	40	<5	<5	216.9	*	*
	2018	35	<5	<5	205.2	*	*
	2019	25	<5	<5	145.1	*	*
	2020	35	9	<5	180.6	*	*
<b>Henderson</b>	2016	86	9	5	193.7	*	*
	2017	101	9	<5	233	*	*
	2018	86	8	10	204	*	26.4
	2019	91	5	8	227.5	*	*
	2020	78	18	<5	185.2	46.8	*
<b>Henry</b>	2016	41	16	<5	301.4	124.7	*
	2017	61	28	<5	446.2	208.3	*
	2018	53	19	6	372.9	147.3	*
	2019	47	26	<5	330.9	193.3	*
	2020	54	29	<5	389.7	215.2	*

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<b>Hickman</b>	2016	<5	0	0	*	0.0	0.0
	2017	<5	<5	0	*	*	0.0
	2018	<5	0	0	*	0.0	0.0
	2019	<5	0	0	*	0.0	0.0
	2020	<5	0	<5	*	0.0	*
<b>Hopkins</b>	2016	80	9	7	188.5	*	*
	2017	84	6	7	202.3	*	*
	2018	78	8	<5	190	*	*
	2019	94	6	8	231.1	*	*
	2020	89	17	<5	227.7	41.7	*
<b>Jackson</b>	2016	37	12	<5	308.3	105.8	*
	2017	23	9	<5	198	*	*
	2018	22	<5	0	166.6	*	0.0
	2019	37	11	<5	306.3	85.9	*
	2020	27	11	<5	204.7	86.9	*
<b>Jefferson</b>	2016	3258	1976	120	442	266.8	17.2
	2017	3265	2018	158	439.9	272.6	21.6
	2018	2631	1331	210	354.9	178.7	28.4
	2019	2718	1539	159	369.8	209.1	22.3
	2020	3447	2096	149	472.9	287.2	20.6

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Jessamine</b>	2016	272	164	8	556.8	339.6	*
	2017	228	169	<5	467.2	350.9	*
	2018	211	139	9	418.1	279.5	*
	2019	197	109	7	394.7	224.5	*
	2020	207	144	6	414.6	289.8	*
<b>Johnson</b>	2016	39	<5	<5	169.1	*	*
	2017	35	6	<5	156	*	*
	2018	37	<5	5	186.2	*	*
	2019	21	5	5	111	*	*
	2020	40	5	<5	198.1	*	*
<b>Kenton</b>	2016	850	678	15	527.7	419.8	8.9
	2017	1180	965	20	735.9	597.9	12.4
	2018	893	655	19	558.1	410.9	11.1
	2019	806	554	25	498.2	340	15.8
	2020	828	557	24	515.3	342.5	15.1
<b>Knott</b>	2016	29	6	<5	216.4	*	*
	2017	27	6	<5	205.3	*	*
	2018	31	8	<5	244.1	*	*
	2019	33	<5	<5	271.1	*	*
	2020	30	6	<5	228.1	*	*

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<b>Knox</b>	2016	100	11	10	344.4	39.3	35.1
	2017	61	10	<5	212	36	*
	2018	34	6	<5	110.3	*	*
	2019	45	9	<5	157.5	*	*
	2020	63	16	5	213.9	48.6	*
<b>Larue</b>	2016	27	11	<5	205.4	85.9	*
	2017	23	<5	<5	158.8	*	*
	2018	28	6	<5	208.8	*	*
	2019	26	10	<5	204.7	78.9	*
	2020	22	8	<5	180.7	*	*
<b>Laurel</b>	2016	112	23	<5	192.7	37.8	*
	2017	108	11	11	194.3	20	19.7
	2018	91	12	8	163.6	21.1	*
	2019	96	14	<5	165.3	22.5	*
	2020	117	35	8	207	61.3	*
<b>Lawrence</b>	2016	23	5	<5	159.7	*	*
	2017	23	5	<5	164	*	*
	2018	21	5	<5	151.2	*	*
	2019	32	11	<5	229.9	79.9	*
	2020	23	12	<5	186.6	100.7	*

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<b>Lee</b>	2016	24	<5	<5	404.1	*	*
	2017	20	5	<5	346.5	*	*
	2018	25	8	<5	381.6	*	*
	2019	27	7	7	375.9	*	*
	2020	27	12	9	369.7	168.2	*
<b>Leslie</b>	2016	20	<5	0	197.7	*	0.0
	2017	26	<5	<5	244.2	*	*
	2018	12	<5	0	108.4	*	0.0
	2019	29	<5	<5	314.1	*	*
	2020	22	<5	<5	232.1	*	*
<b>Letcher</b>	2016	52	9	7	263	*	*
	2017	52	15	<5	270.3	75.9	*
	2018	43	7	8	215.7	*	*
	2019	40	<5	5	212.7	*	*
	2020	38	5	<5	212.8	*	*
<b>Lewis</b>	2016	8	<5	0	*	*	0.0
	2017	17	5	<5	152.8	*	*
	2018	14	6	0	108.6	*	0.0
	2019	11	5	0	86.4	*	0.0
	2020	11	7	0	95.8	*	0.0

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<b>Lincoln</b>	2016	90	36	8	419.7	170.7	*
	2017	76	24	8	347.9	113	*
	2018	72	24	9	345.6	121.3	*
	2019	70	23	12	317.2	100.1	61.9
	2020	101	48	7	459	228.6	*
<b>Livingston</b>	2016	12	<5	0	149.1	*	0.0
	2017	18	<5	<5	208	*	*
	2018	16	6	0	197.2	*	0.0
	2019	25	<5	<5	319.9	*	*
	2020	12	<5	0	121.7	*	0.0
<b>Logan</b>	2016	42	5	<5	158.8	*	*
	2017	44	5	<5	172.8	*	*
	2018	42	<5	8	164.1	*	*
	2019	50	10	7	213.4	43.7	*
	2020	45	<5	13	183.4	*	54.7
<b>Lyon</b>	2016	9	0	0	*	0.0	0.0
	2017	11	<5	0	144.9	*	0.0
	2018	6	<5	<5	*	*	*
	2019	12	<5	0	164.3	*	0.0
	2020	10	<5	0	154.9	*	0.0

*Note:*

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<sup>1</sup>Data are counted based on the patient's county of residence.

Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Madison</b>	2016	280	131	17	327.3	158.6	18.3
	2017	364	199	17	420.7	247	17.1
	2018	327	162	16	372.3	196.5	16.3
	2019	253	128	7	283.7	151.9	*
	2020	274	149	9	313.8	179.4	*
<b>Magoffin</b>	2016	23	7	<5	181.6	*	*
	2017	25	6	<5	220.5	*	*
	2018	13	<5	<5	114.7	*	*
	2019	13	<5	<5	121.7	*	*
	2020	17	5	<5	150.6	*	*
<b>Marion</b>	2016	43	7	7	243.5	*	*
	2017	68	17	11	376.5	93.3	65
	2018	54	17	5	298.7	97.2	*
	2019	47	15	<5	266.1	91.6	*
	2020	56	23	10	316.6	128.8	58.5
<b>Marshall</b>	2016	70	7	<5	255	*	*
	2017	48	<5	<5	167.8	*	*
	2018	53	6	5	186.6	*	*
	2019	39	9	<5	143.5	*	*
	2020	47	6	5	180.2	*	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Martin</b>	2016	15	5	<5	114.1	*	*
	2017	24	6	<5	231.8	*	*
	2018	23	<5	<5	216.8	*	*
	2019	29	7	<5	278.9	*	*
	2020	18	5	0	184.4	*	0.0
<b>Mason</b>	2016	57	23	<5	378.8	153.6	*
	2017	52	24	<5	348.8	169.6	*
	2018	50	14	<5	324.8	91.8	*
	2019	43	13	<5	295	91.1	*
	2020	37	20	<5	232.7	126.3	*
<b>McCracken</b>	2016	145	14	<5	252.1	22.1	*
	2017	119	8	10	203.8	*	18.2
	2018	110	8	10	183.1	*	17.9
	2019	139	14	13	230.1	21.6	23
	2020	139	16	12	231.3	27.5	22.5
<b>McCreary</b>	2016	24	5	5	135.7	*	*
	2017	35	10	<5	205.6	54	*
	2018	23	<5	5	140.2	*	*
	2019	16	<5	<5	100.2	*	*
	2020	32	10	<5	187.1	53.6	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>McLean</b>	2016	21	0	0	251.9	0.0	0.0
	2017	23	<5	<5	257.7	*	*
	2018	10	<5	<5	122.4	*	*
	2019	9	<5	0	*	*	0.0
	2020	13	<5	0	167.6	*	0.0
<b>Meade</b>	2016	27	13	<5	99.1	48.8	*
	2017	30	15	<5	116.1	56	*
	2018	26	10	<5	96.6	37.1	*
	2019	41	20	<5	151.7	75.1	*
	2020	24	11	0	92.7	42	0.0
<b>Menifee</b>	2016	23	7	0	412.4	*	0.0
	2017	17	6	<5	304	*	*
	2018	16	6	0	303.2	*	0.0
	2019	12	7	0	221.9	*	0.0
	2020	15	7	<5	267.3	*	*
<b>Mercer</b>	2016	78	39	5	411.3	206.4	*
	2017	98	44	11	520.8	240.6	65.8
	2018	63	28	12	332.8	150.6	62.4
	2019	60	27	6	322.8	148.9	*
	2020	71	33	<5	371.6	175.6	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Metcalfe</b>	2016	24	5	<5	257.5	*	*
	2017	26	<5	<5	262.9	*	*
	2018	16	<5	<5	172.3	*	*
	2019	21	6	<5	248	*	*
	2020	15	<5	<5	166.4	*	*
<b>Monroe</b>	2016	22	<5	<5	219.1	*	*
	2017	19	<5	5	178.9	*	*
	2018	18	<5	<5	168.3	*	*
	2019	19	<5	0	184.3	*	0.0
	2020	20	5	0	215.4	*	0.0
<b>Montgomery</b>	2016	103	52	10	396.2	202	37.9
	2017	123	83	8	466.2	317	*
	2018	95	50	9	365.8	195.2	*
	2019	83	49	<5	309.9	182	*
	2020	103	66	5	392.1	249.4	*
<b>Morgan</b>	2016	24	5	<5	167.3	*	*
	2017	28	13	<5	223.8	102.7	*
	2018	33	9	<5	262.4	*	*
	2019	17	<5	<5	143.6	*	*
	2020	24	5	<5	169.6	*	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Muhlenberg</b>	2016	87	11	<5	292	38.9	*
	2017	104	8	13	356.4	*	49.8
	2018	73	14	8	248	45	*
	2019	89	9	6	303.3	*	*
	2020	88	17	6	305.4	58.4	*
<b>Nelson</b>	2016	160	75	10	377	179.2	25.1
	2017	147	68	11	350.5	166.3	26.8
	2018	115	38	11	278.6	93	28
	2019	115	53	7	276.2	131.3	*
	2020	132	48	10	303.7	114.6	21.5
<b>Nicholas</b>	2016	12	<5	<5	185.7	*	*
	2017	10	6	<5	150.3	*	*
	2018	22	12	<5	349.7	193.6	*
	2019	8	<5	<5	*	*	*
	2020	18	12	<5	267.3	172.5	*
<b>Ohio</b>	2016	55	10	12	242.9	43.6	57.1
	2017	122	17	52	541.4	72.1	238
	2018	57	<5	19	258.3	*	87.9
	2019	54	<5	5	226.4	*	*
	2020	42	7	<5	189.4	*	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Oldham</b>	2016	124	45	7	210.2	81.9	*
	2017	121	36	7	207	62.6	*
	2018	91	34	9	151.5	58.6	*
	2019	88	27	<5	141.6	42.7	*
	2020	125	46	5	203.7	80.1	*
<b>Owen</b>	2016	36	20	<5	391.5	216.1	*
	2017	36	24	<5	402.7	277.6	*
	2018	30	20	<5	325.8	216.9	*
	2019	27	13	0	268.7	133.8	0.0
	2020	27	12	<5	292.9	129.3	*
<b>Owsley</b>	2016	18	0	<5	414.8	0.0	*
	2017	10	<5	<5	304.9	*	*
	2018	12	<5	<5	286	*	*
	2019	12	<5	<5	287.3	*	*
	2020	7	<5	0	*	*	0.0
<b>Pendleton</b>	2016	51	33	0	401.5	267.4	0.0
	2017	70	54	<5	539.8	425.3	*
	2018	50	31	<5	399	257.2	*
	2019	51	36	<5	401.7	286	*
	2020	50	27	<5	376.3	197.8	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Perry</b>	2016	59	8	6	238.4	*	*
	2017	60	8	6	265.8	*	*
	2018	80	13	11	353.2	57.7	49.9
	2019	114	17	9	495.8	71.3	*
	2020	118	33	8	491.5	140.7	*
<b>Pike</b>	2016	106	23	9	192.9	41.3	*
	2017	95	20	16	182.4	36	33.5
	2018	103	23	12	196.3	44	23.1
	2019	95	19	21	182.6	37.2	42.5
	2020	178	45	49	350.6	92.5	99.8
<b>Powell</b>	2016	51	20	<5	437.7	166.5	*
	2017	53	30	<5	470.7	263.2	*
	2018	50	22	8	444.7	196.4	*
	2019	45	20	<5	398.9	186.3	*
	2020	28	13	<5	249.3	115	*
<b>Pulaski</b>	2016	95	33	7	165.8	59.7	*
	2017	123	40	13	216.1	70.9	24.3
	2018	114	18	13	196.2	33.3	23.8
	2019	106	18	10	184.6	30.5	19.3
	2020	123	42	13	216.7	76.3	24.3

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Robertson</b>	2016	8	5	0	*	*	0.0
	2017	<5	<5	0	*	*	0.0
	2018	<5	0	0	*	0.0	0.0
	2019	6	<5	0	*	*	0.0
	2020	10	<5	0	522.7	*	0.0
<b>Rockcastle</b>	2016	44	10	<5	273.7	63.9	*
	2017	44	16	6	297.7	117.3	*
	2018	37	11	<5	254.7	67.5	*
	2019	31	12	<5	210.2	86	*
	2020	45	23	<5	307.4	162.6	*
<b>Rowan</b>	2016	91	35	<5	440.7	183.1	*
	2017	81	30	<5	370.6	156.5	*
	2018	60	22	10	270	119.9	41.6
	2019	38	17	0	182.9	88.2	0.0
	2020	62	27	0	287.4	133.1	0.0
<b>Russell</b>	2016	50	9	<5	307.9	*	*
	2017	53	6	<5	313.8	*	*
	2018	37	<5	<5	237.1	*	*
	2019	22	<5	0	129.7	*	0.0
	2020	29	5	<5	178.3	*	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Scott</b>	2016	166	87	8	319.3	168.9	*
	2017	203	116	14	376.8	215.1	24.9
	2018	176	80	11	317.2	143.4	20.2
	2019	192	88	15	337.1	152	26.5
	2020	205	98	13	374.7	178.4	24.3
<b>Shelby</b>	2016	128	66	<5	288.5	152	*
	2017	103	47	<5	234.5	112.4	*
	2018	97	41	10	209.4	89.3	22
	2019	106	46	5	230.5	102.3	*
	2020	112	52	<5	242.1	113.5	*
<b>Simpson</b>	2016	32	<5	<5	186	*	*
	2017	30	<5	<5	175	*	*
	2018	43	<5	5	248.8	*	*
	2019	37	5	6	209.8	*	*
	2020	37	11	<5	204	64.1	*
<b>Spencer</b>	2016	38	17	0	228.9	105.1	0.0
	2017	38	22	<5	227.7	138.4	*
	2018	43	18	<5	268.2	114.9	*
	2019	33	16	<5	185.6	92.1	*
	2020	34	19	<5	194.7	109.1	*

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County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Taylor</b>	2016	99	31	11	413.6	135	47.9
	2017	83	26	10	348.7	111	45.6
	2018	93	28	5	386.4	119.5	*
	2019	78	26	<5	338.3	122	*
	2020	128	49	11	551	228.5	43.3
<b>Todd</b>	2016	13	<5	0	108.4	*	0.0
	2017	16	<5	<5	134.6	*	*
	2018	22	<5	<5	178.6	*	*
	2019	17	<5	<5	156.4	*	*
	2020	10	<5	<5	87.1	*	*
<b>Trigg</b>	2016	25	<5	0	187.9	*	0.0
	2017	28	5	<5	226.9	*	*
	2018	28	6	<5	214.4	*	*
	2019	29	<5	<5	221.7	*	*
	2020	20	<5	<5	146.4	*	*
<b>Trimble</b>	2016	12	5	0	161.1	*	0.0
	2017	13	7	<5	182.7	*	*
	2018	16	9	<5	227.4	*	*
	2019	19	7	0	245.3	*	0.0
	2020	11	8	0	136.2	*	0.0

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Union</b>	2016	40	9	<5	283.6	*	*
	2017	46	5	<5	314.7	*	*
	2018	29	<5	<5	202.5	*	*
	2019	30	<5	<5	213.7	*	*
	2020	28	<5	0	187.2	*	0.0
<b>Warren</b>	2016	178	19	8	140.9	16	*
	2017	196	31	15	149.5	25.3	12
	2018	206	17	23	154	14	17.1
	2019	200	35	15	154.5	28.7	12.9
	2020	230	66	21	176.1	53.2	17.5
<b>Washington</b>	2016	41	8	0	380.5	*	0.0
	2017	22	5	<5	208.5	*	*
	2018	28	10	<5	267.1	102.2	*
	2019	36	14	<5	340.4	141.9	*
	2020	34	13	<5	320.8	130.4	*
<b>Wayne</b>	2016	28	<5	<5	157	*	*
	2017	44	5	<5	227.5	*	*
	2018	27	5	9	148.5	*	*
	2019	33	7	5	184.7	*	*
	2020	38	9	6	208.6	*	*

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Annual Counts of ED Visits for Nonfatal Drug Overdoses among Kentucky Residents.<sup>1</sup>

County	Year	Count, All Drugs	Count, All Opioids	Count, All Stimulants	Age- Adjusted Rate, All Drugs	Age- Adjusted Rate, All Opioids	Age- Adjusted Rate, All Stimulants
<b>Webster</b>	2016	24	<5	<5	207.9	*	*
	2017	22	6	0	179.6	*	0.0
	2018	18	<5	0	165.6	*	0.0
	2019	28	<5	<5	237.1	*	*
	2020	11	<5	0	91.9	*	0.0
<b>Whitley</b>	2016	102	21	<5	295.4	60.5	*
	2017	85	9	5	235.1	*	*
	2018	79	12	6	218.9	29.3	*
	2019	66	8	6	183.4	*	*
	2020	80	24	<5	233.7	74.5	*
<b>Wolfe</b>	2016	26	<5	<5	399.4	*	*
	2017	18	6	<5	288.8	*	*
	2018	18	6	<5	271.9	*	*
	2019	18	5	0	278.6	*	0.0
	2020	24	7	<5	415.4	*	*
<b>Woodford</b>	2016	70	35	<5	319.2	164.2	*
	2017	69	27	8	291.9	120	*
	2018	47	18	<5	203	79	*
	2019	71	28	<5	312	126.3	*
	2020	52	24	6	210.2	98.8	*

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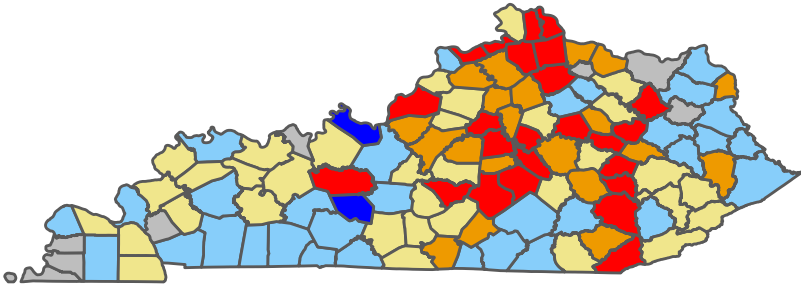
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<sup>1</sup>Data are counted based on the patient's county of residence.

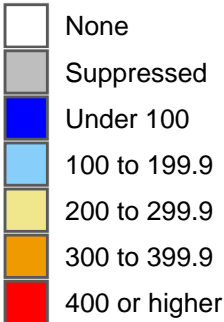


# County Maps

## Age-Adjusted Rate of ED Visits for Nonfatal Drug Overdose by Kentucky County of Residence, 2016

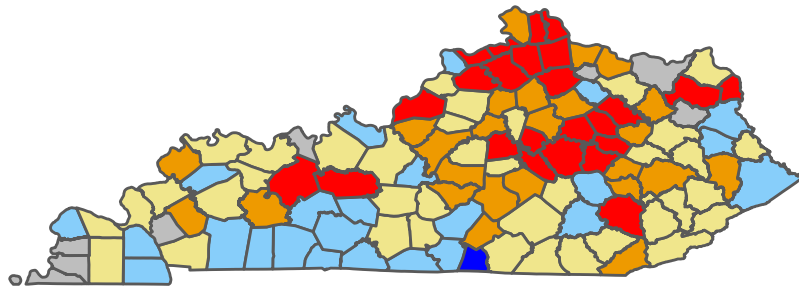


Age-Adjusted Rate

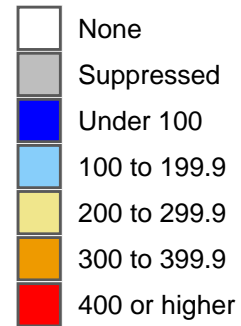


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### Age-Adjusted Rate of ED Visits for Nonfatal Drug Overdose by Kentucky County of Residence, 2017

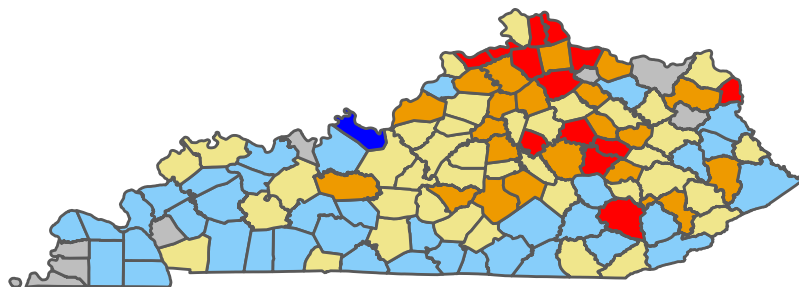


#### Age-Adjusted Rate

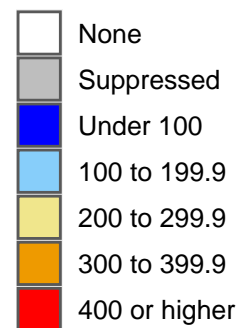


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### Age-Adjusted Rate of ED Visits for Nonfatal Drug Overdose by Kentucky County of Residence, 2018

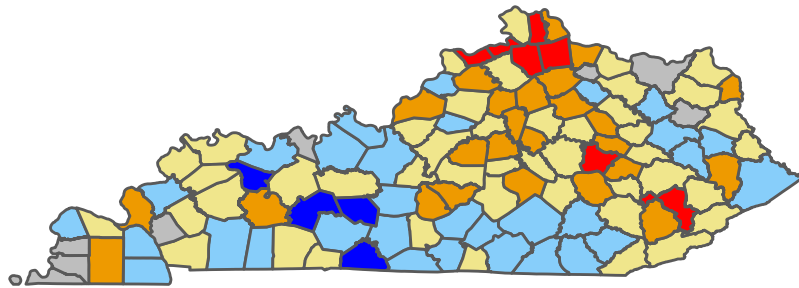


#### Age-Adjusted Rate

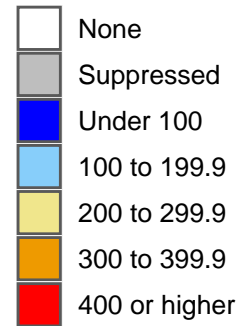


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### Age-Adjusted Rate of ED Visits for Nonfatal Drug Overdose by Kentucky County of Residence, 2019

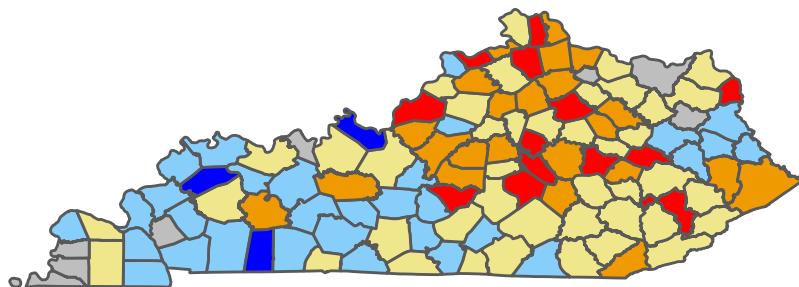


#### Age-Adjusted Rate

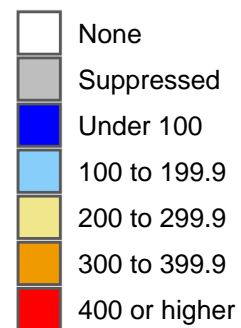


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### Age-Adjusted Rate of ED Visits for Nonfatal Drug Overdose by Kentucky County of Residence, 2020



#### Age-Adjusted Rate



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