

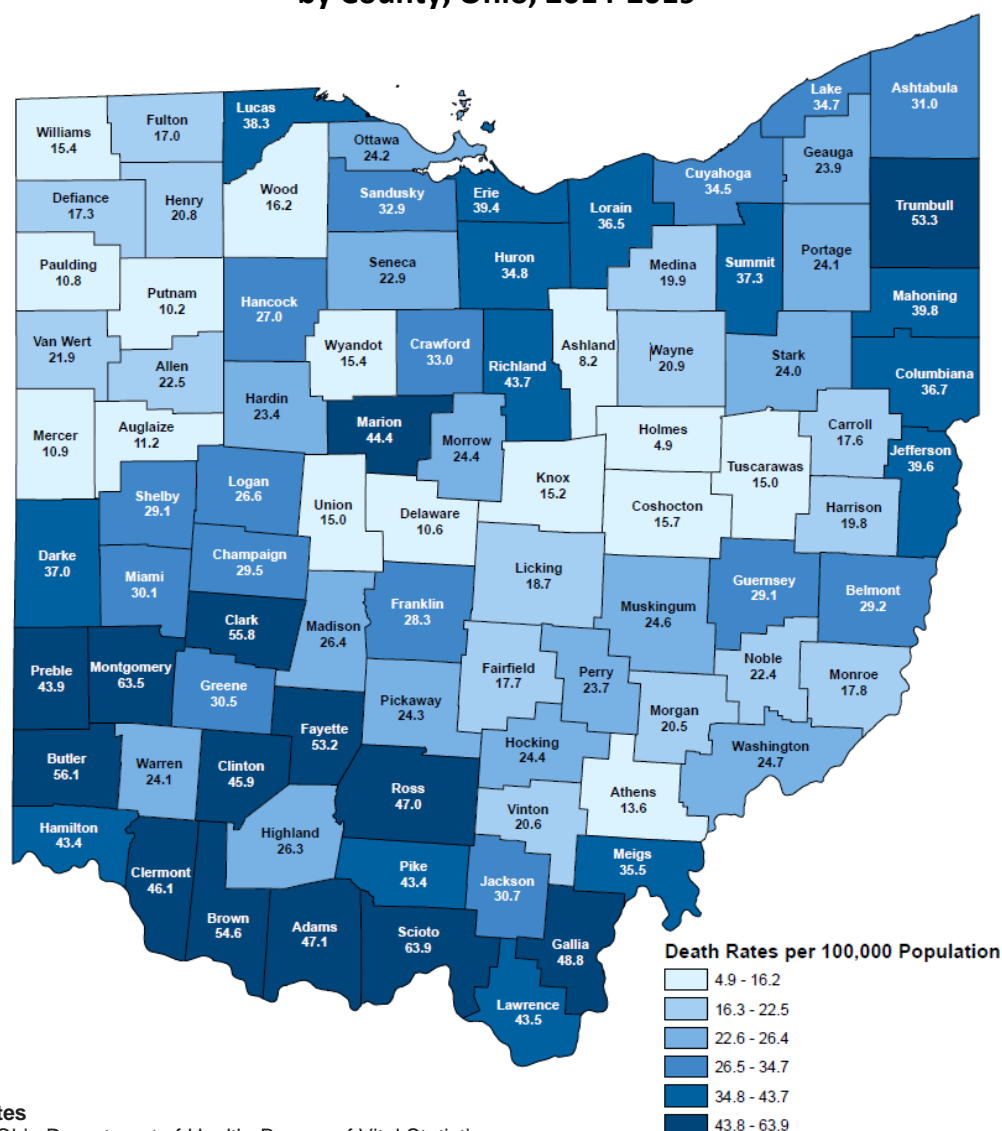
FAST FACTS

- In 2019, 4,028 Ohioans died from unintentional drug overdoses.
- Franklin County had the highest number of unintentional drug overdose deaths (n = 547), a 15% increase over 2018 (n = 476).
- Scioto County had the highest rate of unintentional drug overdose deaths (121.9 deaths per 100,000), a 79% increase over 2018 (68.2 deaths per 100,000).
- While the percentage of fentanyl-related deaths varied by county, fentanyl was involved in the highest percentage of deaths for nearly all Ohio counties.

Unintentional Drug Overdose Deaths in Ohio Counties

- In 2019, 4,028 Ohioans died from unintentional drug overdoses. The number and rate of unintentional drug overdose deaths varied considerably by demographic factors, including county of residence.
- From 2014 to 2019, Scioto County had the highest average age-adjusted rate of unintentional drug overdose deaths (63.9 deaths per 100,000), followed closely by Montgomery County (63.5 deaths per 100,000).

Figure 1. Average Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County, Ohio, 2014-2019



Data Notes

Source: Ohio Department of Health, Bureau of Vital Statistics.

Analysis: ODH Violence and Injury Prevention Section. Includes Ohio residents who died due to unintentional drug poisoning (underlying cause of death ICD-10 codes X40-X44).

Demographics: County is based on county of residence. Some race/ethnicity groups may be not presented due to small numbers.

Drugs: Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanyl). Psychostimulants include methamphetamine and other psychostimulants with potential for abuse (ICD-10 code T43.6). Natural and semi-synthetic opioids (e.g., oxycodone, hydrocodone) correspond to code T40.2. Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

Rates: Rates are suppressed when counts are less than 10.

County Highlights: Five Counties with the Highest Number of Drug Overdose Deaths

- In 2019, Franklin County had the highest number of unintentional drug overdose deaths (n = 547).
- Of the five counties with the highest number of deaths in 2019, Lucas County had the largest percentage increase in the number of deaths (35%), from 166 deaths in 2018 to 224 deaths in 2019.
- While the number of unintentional drug overdoses increased 7% in Ohio overall, Montgomery County and Hamilton County saw slight decreases in 2019 (3% and 1%, respectively).
- In 2019, black non-Hispanics had the highest rate of unintentional drug overdose deaths in Ohio compared with other race/ethnicity groups. In Franklin County and Montgomery County, Black non-Hispanics had the highest death rate, while in Hamilton County and Lucas County, white non-Hispanics had the highest death rates. In Cuyahoga County, Hispanics had the highest death rate and made up 6% of drug overdose deaths.

Figure 2. Number of Unintentional Drug Overdose Deaths Within the Five Counties with the Highest Number of Overdose Deaths, Ohio, 2019

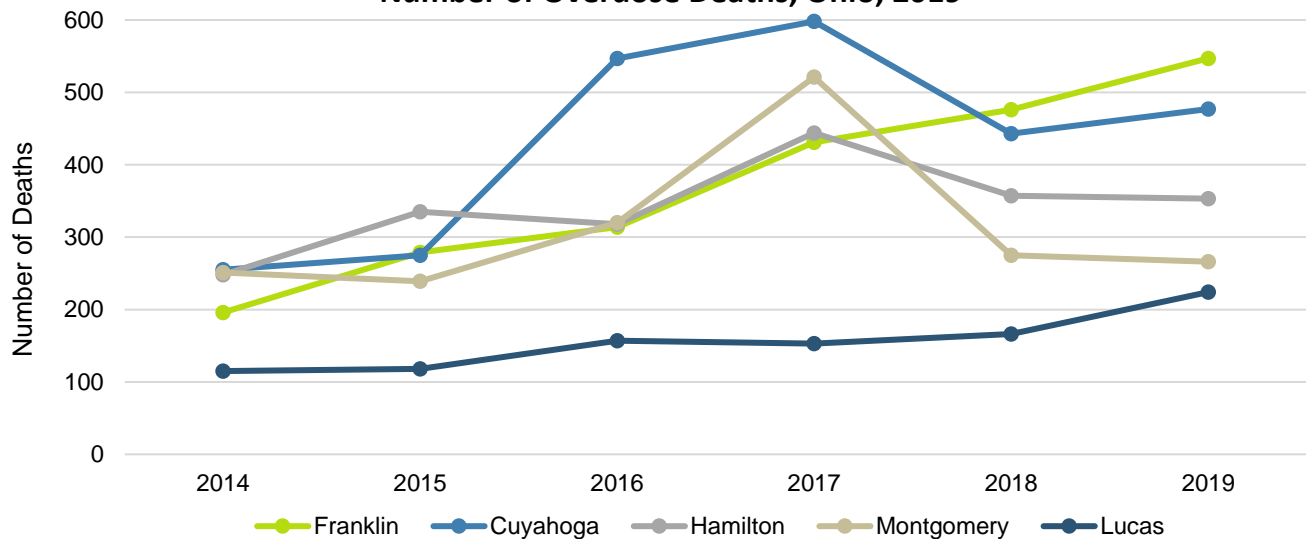


Table 1. Demographic Summary of the Five Counties with the Highest Number of Overdose Deaths, Ohio, 2019

Demographics	Franklin		Cuyahoga		Hamilton		Montgomery		Lucas		Ohio	
	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate
Age												
15-24	37 (6.8)	21.3	19 (4.0)	12.7	16 (4.5)	15.0	13 (4.9)	19.0	16 (7.1)	29.9	241 (6.0)	16.0
25-34	148 (27.1)	61.6	92 (19.3)	51.9	91 (25.8)	72.8	64 (24.1)	87.3	51 (22.8)	83.0	1,072 (26.6)	69.0
35-44	139 (25.4)	78.2	104 (21.8)	72.3	80 (22.7)	81.5	82 (30.8)	134.4	70 (31.3)	141.6	1108 (27.5)	79.3
45-54	112 (20.5)	73.0	91 (19.1)	61.3	76 (21.5)	80.6	53 (19.9)	84.2	44 (19.6)	84.9	807 (20.0)	55.7
55-64	93 (17.0)	62.2	120 (25.2)	68.5	75 (21.2)	69.6	48 (18.0)	67.1	37 (16.5)	63.2	643 (16.0)	40.1
65+	16 (2.9)	9.8	51 (10.7)	22.2	15 (4.2)	11.7	6 (2.3)	*	6 (2.7)	*	153 (3.8)	7.5
Sex												
Female	170 (31.1)	24.9	134 (28.1)	20.9	91 (25.8)	21.8	99 (37.2)	38.8	75 (33.5)	37.4	1,269 (31.5)	22.7
Male	377 (68.9)	56.9	343 (71.9)	55.5	262 (74.2)	66.7	167 (62.8)	70.7	149 (66.5)	76.3	2,758 (68.5)	50.1
Race/Ethnicity												
Black, non-Hispanic	161 (29.4)	51.9	154 (32.3)	38.5	83 (23.5)	39.0	63 (23.7)	58.9	41 (18.3)	51.6	650 (16.1)	42.9
White, non-Hispanic	363 (66.4)	41.6	292 (61.2)	40.5	263 (74.5)	49.2	201 (75.6)	57.7	167 (74.6)	61.1	3,247 (80.6)	37.8
Hispanic	12 (2.2)	17.6	31 (6.5)	44.0	5 (1.4)	*	0 (0.0)	*	16 (7.1)	59.5	102 (2.5)	24.3
Total	547	40.6	477	37.4	353	43.6	266	54.3	224	56.3	4,028	36.4

County Highlights: Five Counties with the Highest Rate¹ of Drug Overdose Deaths

- In 2019, Scioto County had the highest rate of unintentional drug overdose deaths (121.9 deaths per 100,000). Of the five counties with the highest overdose death rates in 2019, Scioto County also had the highest percentage increase in rate from 2018 to 2019 (79%).
- Following Scioto County, Lucas County had the next largest percentage increase in rate (38%). Lucas County was also one of the five counties with the highest number of deaths (n = 224).
- In Scioto, Trumbull, Lucas and Butler County, white non-Hispanics had the highest death rates compared with other race/ethnicity groups. In Montgomery County, Black non-Hispanics had the highest death rate.

Figure 3. Age-Adjusted Rate of Unintentional Drug Overdose Deaths Within the Five Counties with the Highest Overdose Death Rate¹, Ohio, 2019

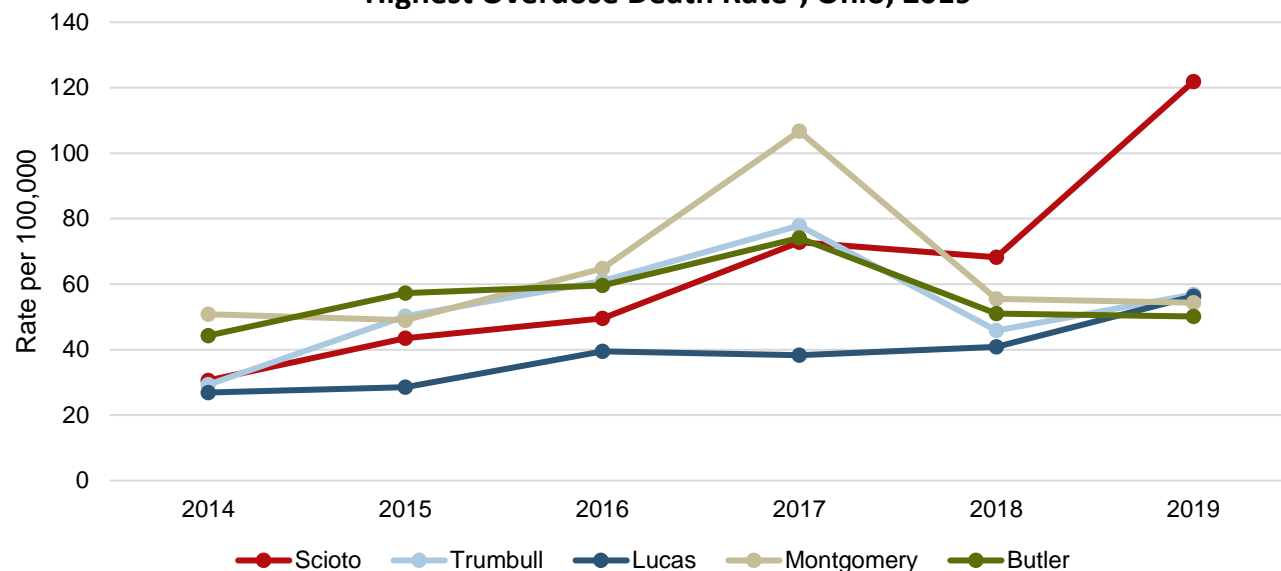


Table 2. Demographic Summary of the Five Counties with the Highest Rate¹ of Overdose Deaths, Ohio, 2019

Demographics	Scioto		Trumbull		Lucas		Montgomery		Butler		Ohio	
	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate	Number (%)	Rate
Age												
15-24	1 (1.2)	*	9 (9.1)	*	16 (7.1)	29.9	13 (4.9)	19.0	13 (7.7)	21	241 (6.0)	16.0
25-34	17 (21.0)	177.8	23 (23.2)	98.8	51 (22.8)	83.0	64 (24.1)	87.3	48 (28.4)	105	1,072 (26.6)	69.0
35-44	32 (39.5)	353.7	24 (24.2)	112.8	70 (31.3)	141.6	82 (30.8)	134.4	65 (38.5)	140	1,108 (27.5)	79.3
45-54	22 (27.2)	231.8	28 (28.3)	113.2	44 (19.6)	84.9	53 (19.9)	84.2	23 (13.6)	49	807 (20.0)	55.7
55-64	8 (9.9)	*	13 (13.1)	43.8	37 (16.5)	63.2	48 (18.0)	67.1	14 (8.3)	28	643 (16.0)	40.1
65+	1 (1.2)	*	2 (2.0)	*	6 (2.7)	*	6 (2.3)	*	6 (3.6)	*	153 (3.8)	7.5
Sex												
Female	31 (38.3)	93.8	32 (32.3)	35.8	75 (33.5)	37.4	99 (37.2)	38.8	66 (39.1)	38.2	1,269 (31.5)	22.7
Male	50 (61.7)	151.2	67 (67.7)	78.4	149 (66.5)	76.3	167 (62.8)	70.7	103 (60.9)	62.3	2,758 (68.5)	50.1
Race/Ethnicity												
Black, non-Hispanic	0 (0.0)	*	9 (9.1)	*	41 (18.3)	51.6	63 (23.7)	58.9	12 (7.1)	32.2	650 (16.1)	42.9
White, non-Hispanic	80 (98.8)	127.9	88 (88.9)	58.0	167 (74.6)	61.1	201 (75.6)	57.7	153 (90.5)	57.7	3,247 (80.6)	37.8
Hispanic	0 (0.0)	*	2 (2.0)	*	16 (7.1)	59.5	0 (0.0)	*	3 (1.8)	*	102 (2.5)	24.3
Total	81	121.9	99	56.9	224	56.3	266	54.3	169	50.1	4,028	36.4

1. Selection of counties with the five highest death rates excludes counties with fewer than 20 unintentional drug overdose deaths in 2019.

Drug Involvement

Table 3. Unintentional Drug Overdose Deaths Involving Select Drugs by County, Ohio, 2019

County	Fentanyl		Cocaine		Psychostimulants		Heroin		Benzodiazepines		Natural and Semi-Synthetic Opioids	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Adams	9	75.0	1	8.3	6	50.0	2	16.7	2	16.7	2	16.7
Allen	9	75.0	0	0.0	2	16.7	2	16.7	0	0.0	1	8.3
Ashland	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0
Ashtabula	21	65.6	2	6.3	10	31.3	1	3.1	1	3.1	1	3.1
Athens	5	55.6	2	22.2	1	11.1	2	22.2	2	22.2	3	33.3
Auglaize	4	80.0	0	0.0	1	20.0	1	20.0	0	0.0	0	0.0
Belmont	9	50.0	8	44.4	3	16.7	4	22.2	3	16.7	4	22.2
Brown	12	85.7	2	14.3	3	21.4	4	28.6	0	0.0	3	21.4
Butler	131	77.5	28	16.6	56	33.1	28	16.6	6	3.6	9	5.3
Carroll	3	100.0	1	33.3	1	33.3	0	0.0	0	0.0	0	0.0
Champaign	7	87.5	4	50.0	3	37.5	0	0.0	1	12.5	0	0.0
Clark	47	83.9	19	33.9	11	19.6	7	12.5	4	7.1	4	7.1
Clermont	53	65.4	11	13.6	27	33.3	6	7.4	10	12.3	6	7.4
Clinton	12	66.7	4	22.2	9	50.0	1	5.6	0	0.0	0	0.0
Columbiana	6	15.0	7	17.5	1	2.5	2	5.0	3	7.5	1	2.5
Coshocton	3	50.0	0	0.0	2	33.3	2	33.3	2	33.3	0	0.0
Crawford	10	90.9	1	9.1	7	63.6	0	0.0	0	0.0	2	18.2
Cuyahoga	391	82.0	192	40.3	49	10.3	104	21.8	67	14.0	40	8.4
Darke	9	90.0	3	30.0	4	40.0	1	10.0	1	10.0	1	10.0
Defiance	4	57.1	0	0.0	3	42.9	2	28.6	1	14.3	0	0.0
Delaware	20	76.9	8	30.8	7	26.9	0	0.0	0	0.0	1	3.8
Erie	10	62.5	1	6.3	3	18.8	2	12.5	3	18.8	1	6.3
Fairfield	17	60.7	4	14.3	10	35.7	4	14.3	2	7.1	0	0.0
Fayette	10	90.9	0	0.0	5	45.5	1	9.1	0	0.0	1	9.1
Franklin	451	82.4	224	41.0	76	13.9	43	7.9	24	4.4	44	8.0
Fulton	1	25.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0
Gallia	16	84.2	1	5.3	6	31.6	5	26.3	4	21.1	3	15.8
Geauga	17	85.0	6	30.0	1	5.0	4	20.0	3	15.0	3	15.0
Greene	30	75.0	8	20.0	11	27.5	7	17.5	1	2.5	7	17.5
Guernsey	4	40.0	1	10.0	4	40.0	2	20.0	2	20.0	2	20.0
Hamilton	296	83.9	135	38.2	66	18.7	46	13.0	28	7.9	38	10.8
Hancock	8	53.3	0	0.0	2	13.3	2	13.3	1	6.7	2	13.3
Hardin	7	77.8	0	0.0	1	11.1	3	33.3	1	11.1	1	11.1
Harrison	0	*	0	*	0	*	0	*	0	*	0	*
Henry	5	100.0	2	40.0	0	0.0	1	20.0	0	0.0	1	20.0
Highland	11	84.6	1	7.7	7	53.8	1	7.7	2	15.4	2	15.4
Hocking	3	60.0	0	0.0	3	60.0	2	40.0	0	0.0	0	0.0

Table 3. Unintentional Drug Overdose Deaths Involving Select Drugs by County, Ohio, 2019

County	Fentanyl		Cocaine		Psychostimulants		Heroin		Benzodiazepines		Natural and Semi-Synthetic Opioids	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Holmes	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Huron	23	100.0	3	13.0	0	0.0	4	17.4	1	4.3	1	4.3
Jackson	1	12.5	1	12.5	4	50.0	1	12.5	1	12.5	0	0.0
Jefferson	5	20.8	10	41.7	5	20.8	4	16.7	8	33.3	5	20.8
Knox	6	66.7	2	22.2	2	22.2	1	11.1	1	11.1	1	11.1
Lake	61	81.3	28	37.3	14	18.7	10	13.3	12	16.0	13	17.3
Lawrence	17	73.9	3	13.0	8	34.8	7	30.4	4	17.4	6	26.1
Licking	27	67.5	4	10.0	9	22.5	0	0.0	0	0.0	2	5.0
Logan	9	75.0	2	16.7	3	25.0	0	0.0	3	25.0	0	0.0
Lorain	75	70.8	47	44.3	12	11.3	23	21.7	16	15.1	10	9.4
Lucas	178	79.5	51	22.8	8	3.6	24	10.7	8	3.6	12	5.4
Madison	13	72.2	4	22.2	3	16.7	3	16.7	0	0.0	1	5.6
Mahoning	72	71.3	54	53.5	4	4.0	14	13.9	34	33.7	27	26.7
Marion	18	60.0	6	20.0	3	10.0	3	10.0	3	10.0	4	13.3
Medina	15	71.4	5	23.8	3	14.3	1	4.8	5	23.8	0	0.0
Meigs	7	77.8	1	11.1	7	77.8	3	33.3	0	0.0	3	33.3
Mercer	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Miami	20	87.0	10	43.5	7	30.4	2	8.7	3	13.0	2	8.7
Monroe	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Montgomery	210	78.9	86	32.3	61	22.9	22	8.3	15	5.6	11	4.1
Morgan	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Morrow	10	76.9	0	0.0	3	23.1	2	15.4	3	23.1	5	38.5
Muskingum	14	42.4	9	27.3	12	36.4	3	9.1	3	9.1	7	21.2
Noble	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
Ottawa	5	71.4	0	0.0	1	14.3	1	14.3	2	28.6	0	0.0
Paulding	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
Perry	7	63.6	1	9.1	7	63.6	1	9.1	0	0.0	0	0.0
Pickaway	13	61.9	7	33.3	6	28.6	5	23.8	2	9.5	1	4.8
Pike	9	64.3	0	0.0	7	50.0	5	35.7	1	7.1	2	14.3
Portage	23	71.9	5	15.6	10	31.3	3	9.4	3	9.4	5	15.6
Preble	10	76.9	5	38.5	4	30.8	0	0.0	0	0.0	0	0.0
Putnam	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Richland	44	81.5	20	37.0	8	14.8	16	29.6	1	1.9	7	13.0
Ross	25	67.6	5	13.5	16	43.2	5	13.5	10	27.0	4	10.8
Sandusky	11	64.7	4	23.5	4	23.5	1	5.9	2	11.8	1	5.9
Scioto	71	87.7	4	4.9	33	40.7	10	12.3	4	4.9	7	8.6
Seneca	5	50.0	3	30.0	0	0.0	0	0.0	0	0.0	0	0.0

Table 3. Unintentional Drug Overdose Deaths Involving Select Drugs by County, Ohio, 2019

County	Fentanyl		Cocaine		Psychostimulants		Heroin		Benzodiazepines		Natural and Semi-Synthetic Opioids	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Shelby	13	92.9	3	21.4	6	42.9	2	14.3	0	0.0	0	0.0
Stark	65	64.4	35	34.7	25	24.8	10	9.9	21	20.8	12	11.9
Summit	148	73.6	43	21.4	75	37.3	16	8.0	11	5.5	13	6.5
Trumbull	80	80.8	42	42.4	10	10.1	10	10.1	8	8.1	8	8.1
Tuscarawas	9	64.3	4	28.6	3	21.4	3	21.4	2	14.3	2	14.3
Union	10	76.9	4	30.8	4	30.8	2	15.4	0	0.0	0	0.0
Van Wert	5	100.0	0	0.0	3	60.0	1	20.0	0	0.0	0	0.0
Vinton	1	50.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0
Warren	37	82.2	7	15.6	15	33.3	5	11.1	4	8.9	3	6.7
Washington	6	75.0	3	37.5	4	50.0	3	37.5	2	25.0	2	25.0
Wayne	13	65.0	1	5.0	10	50.0	0	0.0	2	10.0	3	15.0
Williams	4	80.0	1	20.0	3	60.0	0	0.0	0	0.0	1	20.0
Wood	16	64.0	5	20.0	3	12.0	2	8.0	0	0.0	4	16.0
Wyandot	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0
Ohio	3,070	76.2	1,206	29.9	827	20.5	520	12.9	371	9.2	370	9.2

Drug Involvement: Drug Combinations

- The counties presented below had 20 or more fentanyl-related deaths in 2019.
- Of deaths involving fentanyl:
 - Mahoning County had the highest percentage that also involved cocaine (51%).
 - Scioto County had the highest percentage that also involved psychostimulants (44%).
 - Richland County had the highest percentage that also involved heroin (34%).
 - Mahoning County had the highest percentage that also involved natural and semi-synthetic opioids (26%).

Table 4. Unintentional Drug Overdose Deaths Involving Select Drug Combinations by County², Ohio, 2019

County	Fentanyl	Fentanyl+ Cocaine		Fentanyl+ Psychostimulants		Fentanyl+ Heroin		Fentanyl+ Natural and Semi-Synthetic Opioids		Total
	Number	Number	% of Fentanyl Deaths	Number	% of Fentanyl Deaths	Number	% of Fentanyl Deaths	Number	% of Fentanyl Deaths	Number
Ashtabula	21	2	9.5	7	33.3	1	4.8	1	4.8	32
Butler	131	18	13.7	41	31.3	21	16.0	5	3.8	169
Clark	47	18	38.3	10	21.3	7	14.9	4	8.5	56
Clermont	53	10	18.9	18	34.0	5	9.4	3	5.7	81
Cuyahoga	391	149	38.1	39	10.0	100	25.6	29	7.4	477
Delaware	20	5	25.0	5	25.0	0	0.0	1	5.0	26
Franklin	451	188	41.7	58	12.9	20	4.4	25	5.5	547
Greene	30	8	26.7	8	26.7	6	20.0	3	10.0	40
Hamilton	296	118	39.9	52	17.6	41	13.9	26	8.8	353
Huron	23	3	13.0	0	0.0	4	17.4	1	4.3	23
Lake	61	24	39.3	13	21.3	9	14.8	8	13.1	75
Licking	27	2	7.4	2	7.4	0	0.0	2	7.4	40
Lorain	75	32	42.7	8	10.7	19	25.3	6	8.0	106
Lucas	178	39	21.9	7	3.9	20	11.2	10	5.6	224
Mahoning	72	37	51.4	3	4.2	11	15.3	19	26.4	101
Miami	20	8	40.0	7	35.0	2	10.0	2	10.0	23
Montgomery	210	69	32.9	48	22.9	21	10.0	5	2.4	266
Portage	23	4	17.4	6	26.1	3	13.0	4	17.4	32
Richland	44	15	34.1	7	15.9	15	34.1	4	9.1	54
Ross	25	4	16.0	10	40.0	4	16.0	4	16.0	37
Scioto	71	4	5.6	31	43.7	9	12.7	5	7.0	81
Stark	65	17	26.2	19	29.2	9	13.8	5	7.7	101
Summit	148	22	14.9	53	35.8	10	6.8	6	4.1	201
Trumbull	80	37	46.3	5	6.3	9	11.3	4	5.0	99
Warren	37	5	13.5	13	35.1	5	13.5	1	2.7	45
Ohio	3,070	930	30.3	599	19.5	428	13.9	231	7.5	4,028

2. Excludes counties with fewer than 20 fentanyl-related deaths in 2019.

Drug Involvement: Fentanyl

- In 2019, illicit fentanyl or fentanyl analogs were involved in 76% of Ohio unintentional drug overdose deaths, often in combination with other drugs.
- The percentage of fentanyl involvement with other substances varies by drug category and by county.
 - Of all Ohio deaths related to:
 - Heroin: 82% also involved fentanyl.
 - Cocaine: 77% also involved fentanyl.
 - Psychostimulants (e.g., methamphetamine): 72% also involved fentanyl.
 - Natural and semi-synthetic opioids (e.g., oxycodone): 62% also involved fentanyl.
- The counties presented below had 20 or more fentanyl-related deaths in 2019.

Table 5. Fentanyl Involvement by Drug Category and County³, Ohio, 2019

County	Cocaine		Psychostimulants		Heroin		Natural and Semi-Synthetic Opioids		Total	
	Total	Number (%) Involving Fentanyl	Total	Number (%) Involving Fentanyl	Total	Number (%) Involving Fentanyl	Total	Number (%) Involving Fentanyl	Total	Number (%) Involving Fentanyl
Ashtabula	2	2 (100.0)	10	7 (70.0)	1	1 (100.0)	1	1 (100.0)	32	21 (65.6)
Butler	28	18 (64.3)	56	41 (73.2)	28	21 (75.0)	9	5 (55.6)	169	131 (77.5)
Clark	19	18 (94.7)	11	10 (90.9)	7	7 (100.0)	4	4 (100.0)	56	47 (83.9)
Clermont	11	10 (90.9)	27	18 (66.7)	6	5 (83.3)	6	3 (50.0)	81	53 (65.4)
Cuyahoga	192	149 (77.6)	49	39 (79.6)	104	100 (96.2)	40	29 (72.5)	477	391 (82.0)
Delaware	8	5 (62.5)	7	5 (71.4)	0	0 (*)	1	1 (100.0)	26	20 (76.9)
Franklin	224	188 (83.9)	76	58 (76.3)	43	20 (46.5)	44	25 (56.8)	547	451 (82.4)
Greene	8	8 (100.0)	11	8 (72.7)	7	6 (85.7)	7	3 (42.9)	40	30 (75.0)
Hamilton	135	118 (87.4)	66	52 (78.8)	46	41 (89.1)	38	26 (68.4)	353	296 (83.9)
Huron	3	3 (100.0)	0	0 (*)	4	4 (100.0)	1	1 (100.0)	23	23 (100.0)
Lake	28	24 (85.7)	14	13 (92.9)	10	9 (90.0)	13	8 (61.5)	75	61 (81.3)
Licking	4	2 (50.0)	9	2 (22.2)	0	0 (*)	2	2 (100.0)	40	27 (67.5)
Lorain	47	32 (68.1)	12	8 (66.7)	23	19 (82.6)	10	6 (60.0)	106	75 (70.8)
Lucas	51	39 (76.5)	8	7 (87.5)	24	20 (83.3)	12	10 (83.3)	224	178 (79.5)
Mahoning	54	37 (68.5)	4	3 (75.0)	14	11 (78.6)	27	19 (70.4)	101	72 (71.3)
Miami	10	8 (80.0)	7	7 (100.0)	2	2 (100.0)	2	2 (100.0)	23	20 (87.0)
Montgomery	86	69 (80.2)	61	48 (78.7)	22	21 (95.5)	11	5 (45.5)	266	210 (78.9)
Portage	5	4 (80.0)	10	6 (60.0)	3	3 (100.0)	5	4 (80.0)	32	23 (71.9)
Richland	20	15 (75.0)	8	7 (87.5)	16	15 (93.8)	7	4 (57.1)	54	44 (81.5)
Ross	5	4 (80.0)	16	10 (62.5)	5	4 (80.0)	4	4 (100.0)	37	25 (67.6)
Scioto	4	4 (100.0)	33	31 (93.9)	10	9 (90.0)	7	5 (71.4)	81	71 (87.7)
Stark	35	17 (48.6)	25	19 (76.0)	10	9 (90.0)	12	5 (41.7)	101	65 (64.4)
Summit	43	22 (51.2)	75	53 (70.7)	16	10 (62.5)	13	6 (46.2)	201	148 (73.6)
Trumbull	42	37 (88.1)	10	5 (50.0)	10	9 (90.0)	8	4 (50.0)	99	80 (80.8)
Warren	7	5 (71.4)	15	13 (86.7)	5	5 (100.0)	3	1 (33.3)	45	37 (82.2)
Ohio	1,206	930 (77.1)	827	599 (72.4)	520	428 (82.3)	370	231 (62.4)	4,028	3,070 (72.6)

3. Excludes counties with fewer than 20 fentanyl-related deaths in 2019.

County Summary

Table 6. Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County, Ohio, 2010-2019

County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rate	2014-2019 Rate	Order ⁴
Ohio	1,544	1,772	1,914	2,110	2,531	3,050	4,050	4,854	3,764	4,028	36.4	33.6	
Adams	6	6	10	6	10	12	12	14	11	12	46.8	47.1	9
Allen	5	9	14	15	12	18	31	39	15	12	13.1	22.5	59
Ashland	2	4	0	1	3	6	3	3	4	3	*	8.2	87
Ashtabula	18	18	26	15	27	21	39	26	22	32	35.4	31.0	33
Athens	6	12	10	8	8	8	6	6	5	9	*	13.6	81
Auglaize	3	3	5	3	2	9	4	6	1	5	*	11.2	82
Belmont	5	5	10	8	14	18	20	18	18	18	30.6	29.2	38
Brown	17	11	14	17	17	23	18	31	26	14	35.9	54.6	5
Butler	59	80	92	120	151	195	211	260	176	169	50.1	56.1	3
Carroll	3	0	4	2	3	5	3	6	4	3	*	17.6	71
Champaign	7	6	6	4	11	6	10	17	10	8	*	29.5	37
Clark	19	34	36	28	38	71	73	96	72	56	46.2	55.8	4
Clermont	49	49	56	65	80	105	96	91	78	81	41.9	46.1	11
Clinton	3	6	13	16	13	20	12	30	13	18	48.8	45.9	12
Columbiana	8	18	17	27	19	30	39	48	35	40	41.3	36.7	25
Coshocton	2	4	3	4	2	3	4	6	7	6	*	15.7	75
Crawford	7	5	5	2	9	10	8	17	14	11	32.7	33.0	31
Cuyahoga	159	212	230	255	255	275	547	598	443	477	37.4	34.5	30
Darke	5	5	9	9	11	13	19	28	18	10	19.6	37.0	24
Defiance	3	5	3	5	7	7	6	3	6	7	*	17.3	72
Delaware	12	10	16	15	12	12	11	28	28	26	14.5	10.6	85
Erie	18	12	12	16	17	23	37	32	25	16	26.1	39.4	21
Fairfield	15	12	19	17	15	16	23	43	25	28	19.7	17.7	70
Fayette	3	5	5	4	12	16	7	26	8	11	45.2	53.2	7
Franklin	192	209	191	196	196	279	314	431	476	547	40.6	28.3	41
Fulton	6	5	9	3	5	6	10	3	7	4	*	17.0	73
Gallia	3	6	3	7	6	9	11	18	17	19	72.4	48.8	8
Geauga	7	11	8	11	11	15	24	25	12	20	25.2	23.9	55
Greene	27	23	23	21	40	43	44	63	49	40	26.1	30.5	35
Guernsey	12	3	3	7	9	9	13	10	8	10	30.1	29.1	39/40
Hamilton	110	150	159	212	248	335	318	444	357	353	43.6	43.4	17/18
Hancock	7	10	5	4	11	13	19	32	23	15	20.5	27.0	42
Hardin	6	6	1	10	1	8	7	9	5	9	*	23.4	57
Harrison	1	4	0	3	2	4	1	5	4	0	*	19.8	67

4. Order is based on the 2014-2019 average age-adjusted rate.

Table 6. Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County, Ohio, 2010-2019

County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rate	2014-2019 Rate	Order ⁴
Ohio	1,544	1,772	1,914	2,110	2,531	3,050	4,050	4,854	3,764	4,028	36.4	33.6	
Henry	1	0	2	1	2	6	5	3	10	5	*	20.8	63
Highland	6	7	3	8	12	9	6	13	5	13	38.0	26.3	45
Hocking	4	7	4	8	4	3	5	8	11	5	*	24.4	48/49
Holmes	1	1	0	1	0	0	4	2	4	1	*	4.9	88
Huron	4	8	8	14	17	10	16	27	16	23	43.9	34.8	28
Jackson	7	8	9	12	8	9	7	10	13	8	*	30.7	34
Jefferson	13	25	14	17	21	16	14	28	27	24	47.8	39.6	20
Knox	7	9	7	12	8	7	8	15	4	9	*	15.2	78
Lake	39	42	48	43	53	50	94	91	71	75	34.1	34.7	29
Lawrence	9	17	10	9	8	23	27	32	30	23	42.0	43.5	16
Licking	24	22	13	23	23	29	18	41	40	40	23.8	18.7	68
Logan	6	0	5	9	4	8	14	15	10	12	31.0	26.6	43
Lorain	21	25	70	69	71	63	146	133	101	106	37.8	36.5	26
Lucas	54	57	88	72	115	118	157	153	166	224	56.3	38.3	22
Madison	10	3	7	7	7	7	15	20	6	18	38.7	26.4	44
Mahoning	48	47	48	41	48	60	83	112	98	101	49.7	39.8	19
Marion	8	13	19	18	27	22	24	30	29	30	49.3	44.4	13
Medina	7	13	17	14	17	27	41	42	35	21	13.9	19.9	66
Meigs	3	5	2	4	4	3	9	4	14	9	*	35.5	27
Mercer	2	4	1	5	5	3	5	7	2	1	*	10.9	83
Miami	14	12	16	12	19	17	39	41	28	23	24.2	30.1	36
Monroe	0	0	1	0	4	1	1	2	5	1	*	17.8	69
Montgomery	113	119	150	199	251	239	320	521	275	266	54.3	63.5	2
Morgan	1	1	0	4	4	0	4	2	4	1	*	20.5	65
Morrow	8	5	2	9	6	3	6	11	7	13	37.5	24.4	48/49
Muskingum	5	2	7	10	5	13	7	21	35	33	41.3	24.6	47
Noble	1	0	0	1	0	5	1	1	4	1	*	22.4	60
Ottawa	2	4	3	4	3	5	14	7	13	7	*	24.2	51
Paulding	2	0	2	0	3	0	0	3	3	1	*	10.8	84
Perry	4	4	7	0	4	7	6	6	13	11	34.2	23.7	56
Pickaway	9	14	12	10	8	10	6	17	20	21	35.6	24.3	50
Pike	4	13	3	6	5	11	7	13	14	14	58.4	43.4	17/18
Portage	14	6	16	22	30	36	46	39	28	32	23.5	24.1	52/53
Preble	7	5	11	6	8	15	21	29	11	13	37.6	43.9	14
Putnam	1	0	1	2	3	4	4	3	3	1	*	10.2	86
Richland	14	15	11	22	31	36	68	49	51	54	49.3	43.7	15

4. Order is based on the 2014-2019 average age-adjusted rate.

Table 6. Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County, Ohio, 2010-2019

County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2019 Rate	2014-2019 Rate	Order ⁴
Ohio	1,544	1,772	1,914	2,110	2,531	3,050	4,050	4,854	3,764	4,028	36.4	33.6	
Ross	17	18	12	15	29	38	40	29	37	37	49.4	47.0	10
Sandusky	4	11	4	5	13	12	22	23	17	17	35.1	32.9	32
Scioto	22	25	17	18	23	30	35	51	47	81	121.9	63.9	1
Seneca	0	8	6	7	11	9	5	19	13	10	20.9	22.9	58
Shelby	5	8	5	9	7	8	15	21	10	14	31.9	29.1	39/40
Stark	39	40	35	42	59	59	97	91	74	101	29.8	24.0	54
Summit	66	56	91	76	118	173	298	239	128	201	40.0	37.3	23
Trumbull	43	57	34	37	54	89	111	135	79	99	56.9	53.3	6
Tuscarawas	7	13	8	11	6	8	14	22	10	14	16.6	15.0	79/80
Union	10	3	3	3	6	5	7	10	9	13	22.7	15.0	79/80
Van Wert	3	6	1	4	4	1	8	8	4	5	*	21.9	61
Vinton	1	1	5	2	3	1	2	2	4	2	*	20.6	64
Warren	25	26	32	27	40	42	58	81	40	45	21.2	24.1	52/53
Washington	4	6	7	7	12	8	20	14	13	8	*	24.7	46
Wayne	6	13	7	4	13	24	36	20	18	20	19.9	20.9	62
Williams	3	1	1	5	2	1	9	4	8	5	*	15.4	76/77
Wood	9	7	10	4	16	22	21	17	14	25	20.3	16.2	74
Wyandot	2	2	1	1	0	2	4	3	7	2	*	15.4	76/77

4. Order is based on the 2014-2019 average age-adjusted rate.