

2024 Ohio Unintentional Drug Overdose Report



Department of
Health

Unintentional Drug Overdose Deaths in Ohio

- In 2024, there were 2,931 unintentional drug overdose deaths. This was a 34% decrease in the number of deaths from 2023 and the third consecutive year for decreases in Ohio unintentional drug overdose deaths.
- In 2024, Ohio's age-adjusted rate of 25.2 deaths per 100,000 population also marked a decrease from the 2023 age-adjusted rate of 38.9 deaths per 100,000 population.¹

Fast Facts

- From 2023 to 2024, there was a 34% decrease in the number of Ohio unintentional drug overdose deaths, compared with a national decrease of 25%.^{*} In 2024, 2,931 Ohioans died from unintentional drug overdoses.
- In 2024, fentanyl or fentanyl analogs were involved in 69% of unintentional drug overdose deaths in Ohio, often in combination with other drugs.
- From 2023 to 2024, there were decreases in unintentional drug overdose deaths related to all key drug categories, with fentanyl-related deaths showing the largest decrease (-42%).
- From 2023 to 2024, the Hispanic population had the largest decrease in the rate of unintentional drug overdose deaths compared with other race and ethnicity groups (-44%).
- In 2024, Black, non-Hispanic males continued to have the highest rate of unintentional drug overdose deaths in Ohio compared with other sex and race/ethnicity groups.

^{*}Source: [National Center for Health Statistics, Provisional Multiple Cause of Death Data on CDC WONDER https://wonder.cdc.gov/mcd.html](https://wonder.cdc.gov/mcd.html) (Accessed Feb. 12, 2026)

FIGURE 1. Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by Year, Ohio, 2015-2024²

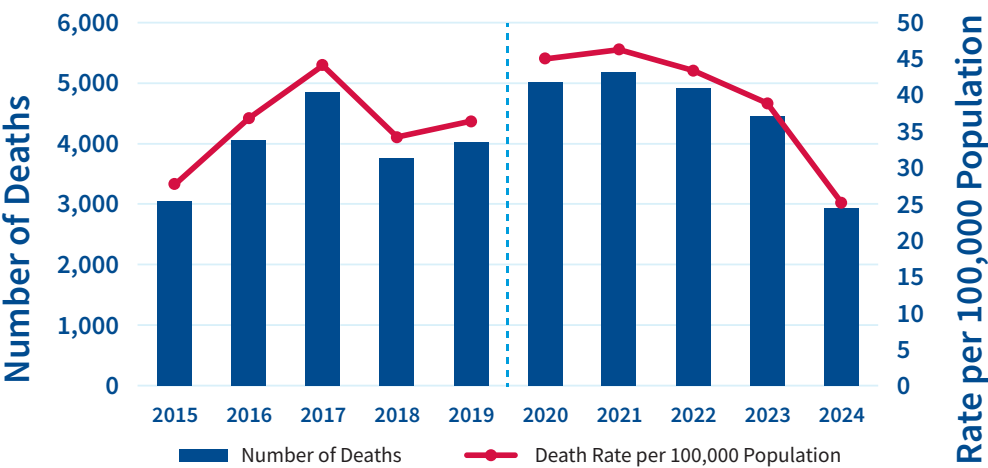
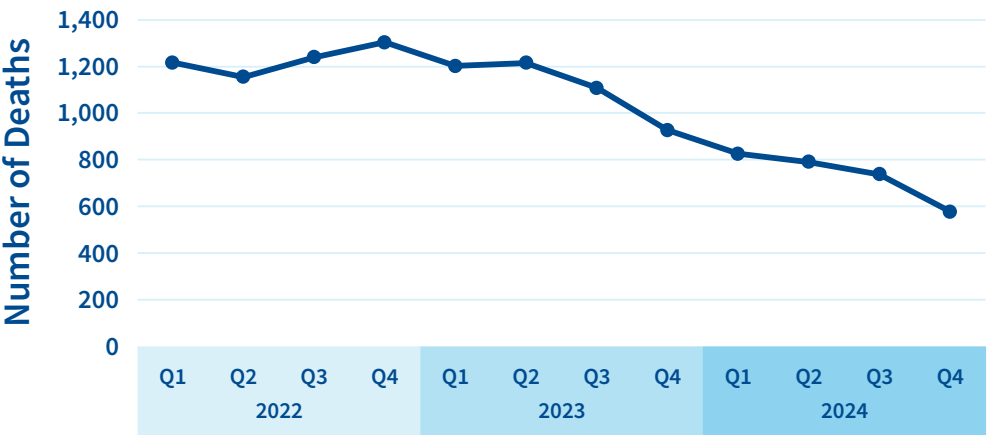


FIGURE 2. Number of Unintentional Drug Overdose Deaths by Quarter, Ohio, 2022-2024



- In 2024, while the number of unintentional drug overdose deaths decreased each quarter, the largest decrease was between quarters three and four (-22%).

1. Age-adjusted rate of deaths per population is a conventional statistical adjustment done in accordance with the Centers for Disease Control and Prevention (CDC) standards to account for the difference in expected death rates among different age ranges.

2. At the time of this report, population files from the federal government reflecting new national standards and methodologies were available for 2020 through 2024 only. Because of this change, the Ohio Department of Health (ODH) advises caution in comparing these rates to those from years prior to 2020, as indicated by the segmented line in the graphic.

Source: ODH Bureau of Vital Statistics. Analysis: ODH Chronic Disease, Violence, and Injury Epidemiology Section. Includes Ohio residents who died due to unintentional drug poisoning (underlying cause of death International Classification of Diseases, Tenth Revision [ICD-10], codes X40-X44).

Drug Involvement

- From 2023 to 2024, there were decreases in the number of unintentional drug overdose deaths involving all key drug categories.
- Opioids:**
 - Overall opioid-related unintentional drug overdose deaths decreased 40% from 2023 to 2024.
 - From 2023 to 2024, fentanyl-related deaths decreased 42%, while deaths involving natural and semi-synthetic opioids (e.g., oxycodone) and heroin decreased 23% and 39%, respectively.
- Non-Opioids:**
 - Deaths related to the stimulant drug categories of cocaine and psychostimulants (e.g., methamphetamine) both decreased 34% from 2023 to 2024.
 - Benzodiazepine-related deaths decreased 33% from 2023 to 2024.

FIGURE 3. Number of Unintentional Drug Overdose Deaths Involving Select Drugs, Ohio, 2015-2024

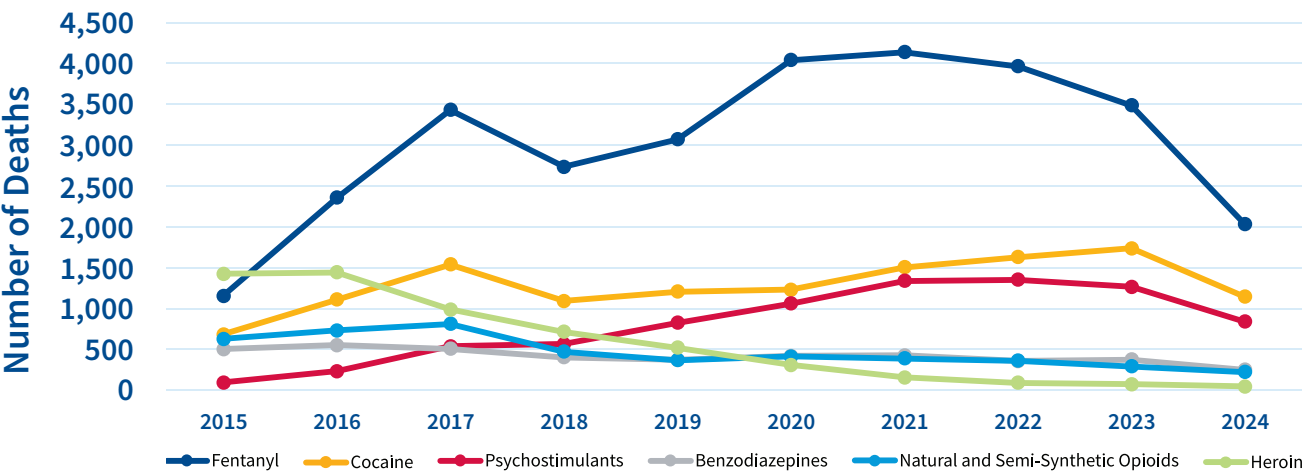
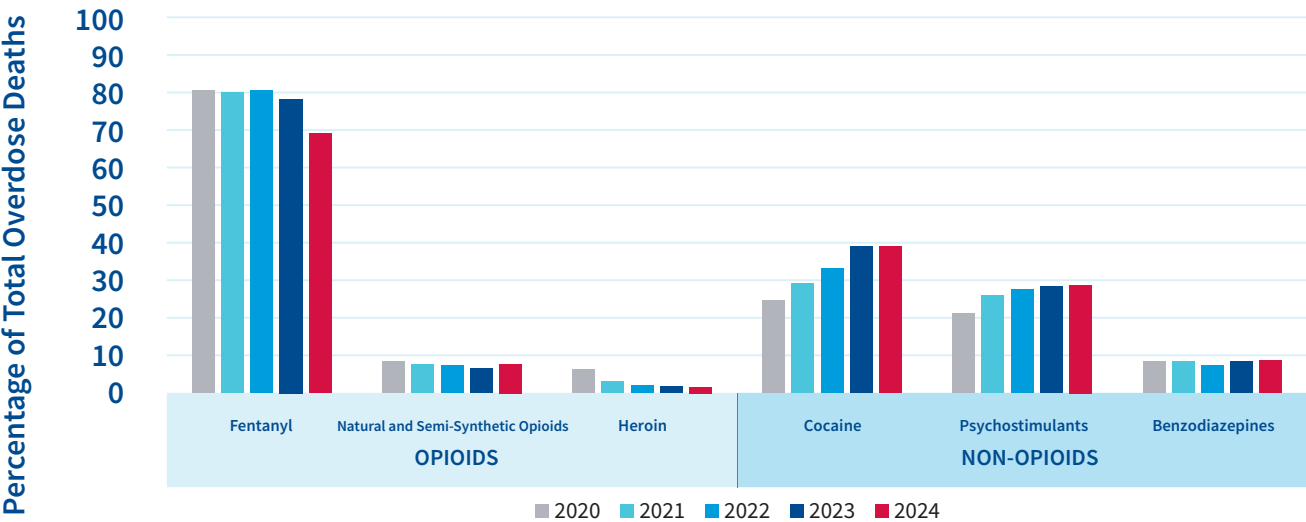


FIGURE 4. Percentage of Unintentional Drug Overdose Deaths Involving Select Drugs, Ohio, 2020-2024



- While fentanyl was involved in the majority of unintentional drug overdose deaths in 2024 (69%), this was the lowest percentage of overdose deaths involving fentanyl since 2016 (58%). In the four years prior to 2024, fentanyl-involvement was at its highest level, ranging from 78-81% of Ohio unintentional drug overdose deaths.

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 ICD-10 code T40.2. Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

- Fentanyl and fentanyl analogs, including carfentanil, were involved in 2,030 unintentional drug overdose deaths in 2024, which represented 69% of total unintentional drug overdose deaths and 93% of total opioid-related overdose deaths.
- In 2024, the fentanyl analog carfentanil contributed to 1% of deaths involving fentanyl and less than 1% of total unintentional drug overdose deaths.

FIGURE 5. Number of Fentanyl-Related Unintentional Drug Overdose Deaths, Ohio, 2020-2024

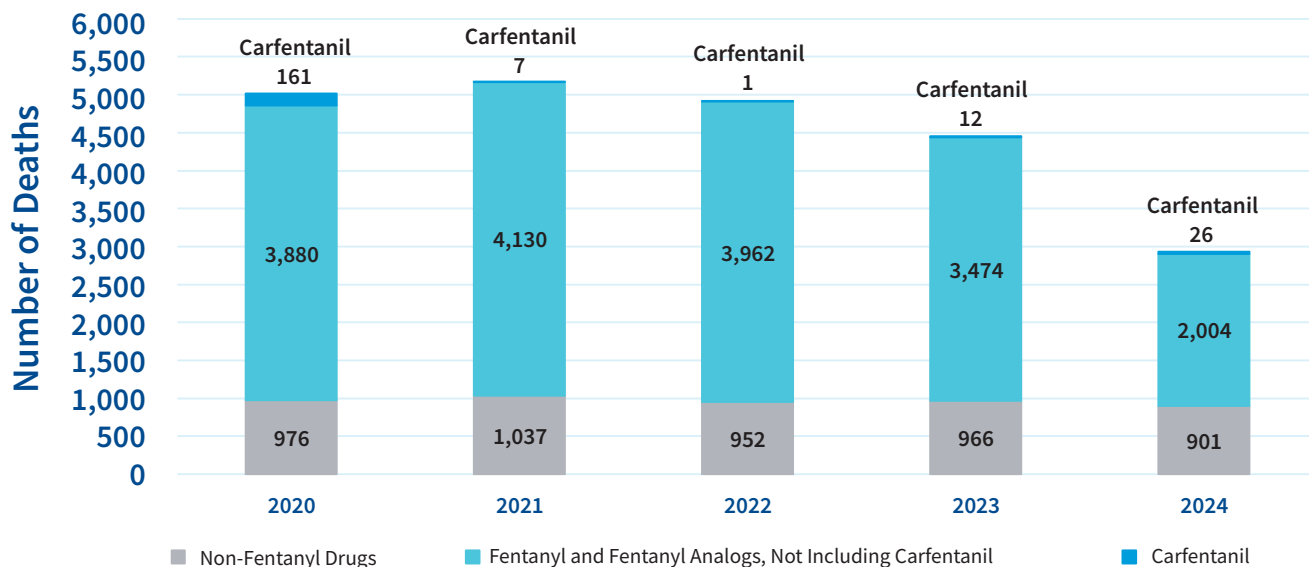
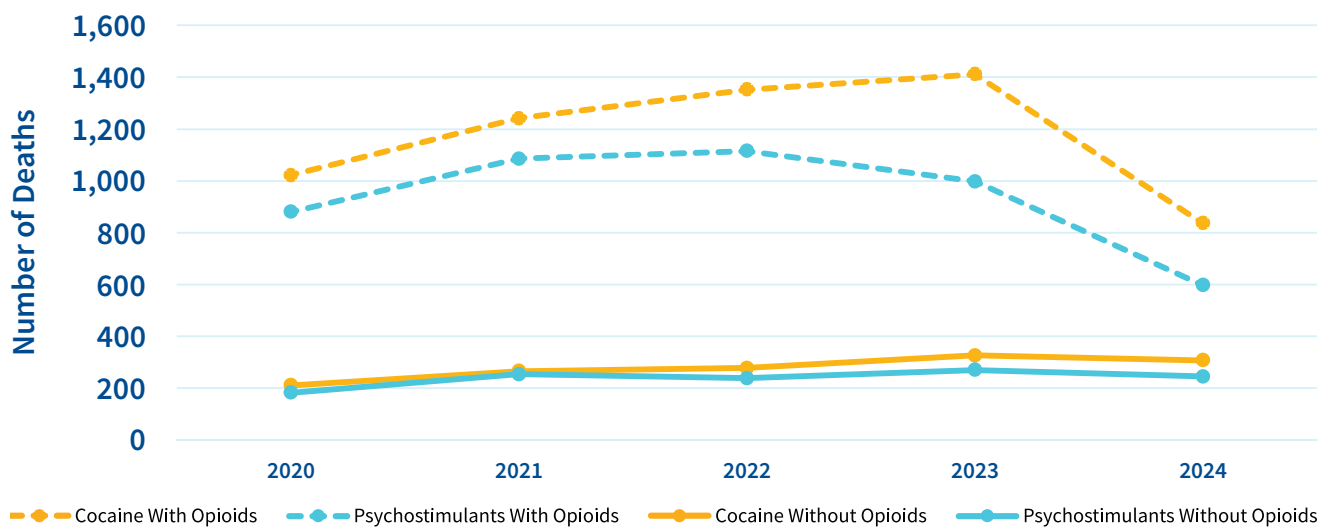


FIGURE 6. Number of Unintentional Drug Overdose Deaths Involving Stimulant Drug Combinations, Ohio, 2020-2024



- From 2023 to 2024:
 - The total number of unintentional drug overdose deaths involving cocaine decreased 34%. The number of cocaine-related deaths that also involved an opioid decreased 41%, while those that did not involve an opioid decreased 6%.
 - The total number of unintentional drug overdose deaths involving psychostimulants decreased 34%. The number of psychostimulant-related deaths that also involved an opioid decreased 40%, while those that did not involve an opioid decreased 9%.

Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanil). Psychostimulants include methamphetamine and other psychostimulants with potential for abuse (ICD-10 code T43.6). Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

TABLE 1.

Number and Percentage of Unintentional Drug Overdose Deaths
Involving Select Drugs, Ohio, 2015-2024

Drug Category	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Percentage of 2024 Unintentional Drug Overdose Deaths
Opioids											
Any Opioid	2,590	3,495	4,162	3,150	3,372	4,308	4,369	4,138	3,664	2,193	75%
Fentanyl ¹	1,155	2,357	3,431	2,733	3,070	4,041	4,137	3,963	3,486	2,030	69%
Natural and Semi-Synthetic Opioids ²	628	733	812	471	370	415	390	362	291	224	8%
Heroin	1,424	1,444	987	714	520	308	159	90	75	46	2%
Methadone	108	94	98	65	68	79	96	110	110	113	4%
Non-Opioids											
Cocaine	685	1,109	1,540	1,092	1,206	1,231	1,506	1,629	1,738	1,143	39%
Psychostimulants ³	96	233	537	564	827	1,062	1,338	1,352	1,267	841	29%
Benzodiazepines	504	553	506	403	371	420	428	360	375	251	9%
Hallucinogens	61	100	108	60	108	119	102	119	83	53	2%
Barbiturates	19	14	18	12	10	15	12	18	11	8	<1%
Alcohol ⁴	380	539	580	442	579	658	702	690	585	363	12%
Other/Unspecified Drugs Only ⁵	194	182	180	171	169	213	213	184	132	116	4%
Multiple Substance Involvement ⁶	1,747	2,451	2,957	2,266	2,484	2,922	3,174	3,132	3,059	1,900	65%
Total Unintentional Drug Overdose Deaths ⁷	3,050	4,050	4,854	3,764	4,028	5,017	5,174	4,915	4,452	2,931	

Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

1. Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanil).

2. Natural and semi-synthetic opioids (e.g., oxycodone, hydrocodone) correspond to ICD-10 code T40.2.

3. Psychostimulants include methamphetamine and other psychostimulants with potential for abuse (ICD-10 code T43.6).

4. Alcohol was present along with other drugs. Alcohol is considered a non-drug poisoning in ICD-10 coded mortality data (ICD-10 codes T51.1-T51.9) and is not included in total unintentional drug overdose deaths.

5. Other/unspecified drugs includes those instances where only ICD-10 code T50.9 (other/unspecified) is listed as the drug contributing to death.

6. Multiple substance involvement is calculated from the number of multiple cause of death codes used to identify specific substance types (T36.0-T50.8, T51.1-T51.9).

7. Total includes all unintentional drug overdose deaths among Ohio residents.

Drug Involvement: Fentanyl Combinations

- Fentanyl or fentanyl analogs were involved in 69% of 2024 unintentional drug overdose deaths, often in combination with other drugs.
- The percentage of fentanyl involvement with other substances varies by drug category.
 - Of all deaths related to:
 - Cocaine, 71% also involved fentanyl.
 - Psychostimulants (e.g., methamphetamine), 68% also involved fentanyl.
 - Benzodiazepines, 75% also involved fentanyl.
 - Natural and semi-synthetic opioids (e.g., oxycodone), 58% also involved fentanyl.
 - Heroin, 91% also involved fentanyl.

FIGURE 7. Percentage of Unintentional Drug Overdose Deaths Involving Fentanyl by Drug Category, Ohio, 2020-2024

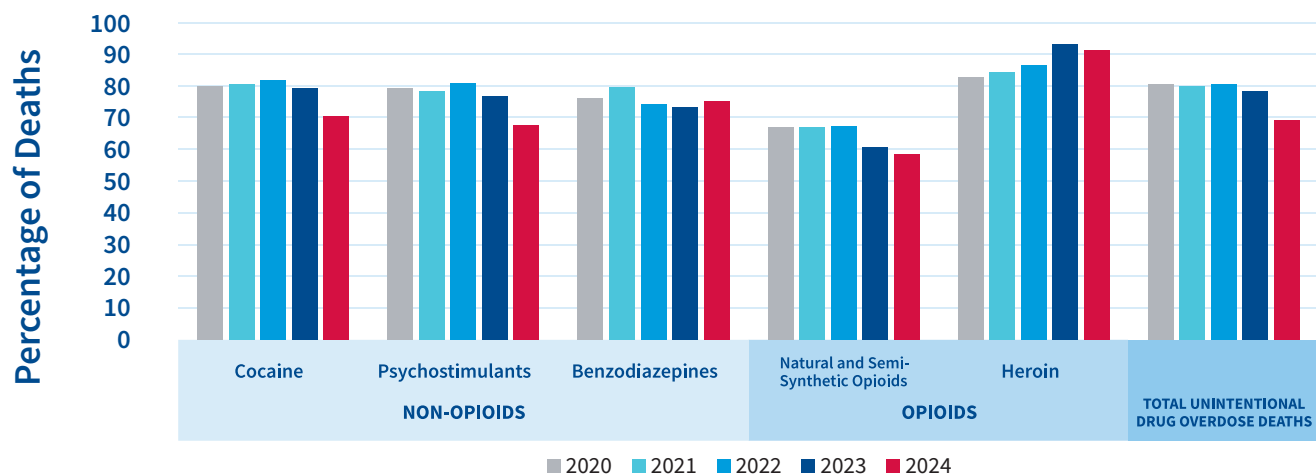


TABLE 2. Number and Percentage of Unintentional Drug Overdose Deaths Involving Select Drug Combinations, Ohio, 2015-2024

Drug Category	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Percentage of 2024 Unintentional Drug Overdose Deaths
Fentanyl	1,155	2,357	3,431	2,733	3,070	4,041	4,137	3,963	3,486	2,030	69%
Fentanyl + Cocaine	239	619	1,072	808	930	985	1,213	1,334	1,379	807	28%
Fentanyl + Psychostimulants	34	117	368	379	599	843	1,047	1,092	971	569	19%
Fentanyl + Benzodiazepines	159	273	318	255	239	320	341	267	275	189	6%
Fentanyl + Natural and Semi-Synthetic Opioids	170	367	477	260	231	278	261	244	177	131	4%
Fentanyl + Heroin	490	750	720	569	428	255	134	78	70	42	1%
Total Unintentional Drug Overdose Deaths ⁷	3,050	4,050	4,854	3,764	4,028	5,017	5,174	4,915	4,452	2,931	

Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanil). 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.

* Total includes all unintentional drug overdose deaths among Ohio residents

Demographics: Sex and Race/Ethnicity

- Males have consistently higher rates of fatal drug overdose compared with females. From 2023 to 2024, the unintentional drug overdose death rate for males decreased 37% compared with a decrease of 32% for females.

FIGURE 8. Age-Adjusted Rate of Unintentional Drug Overdose Deaths by Sex, Ohio, 2020-2024

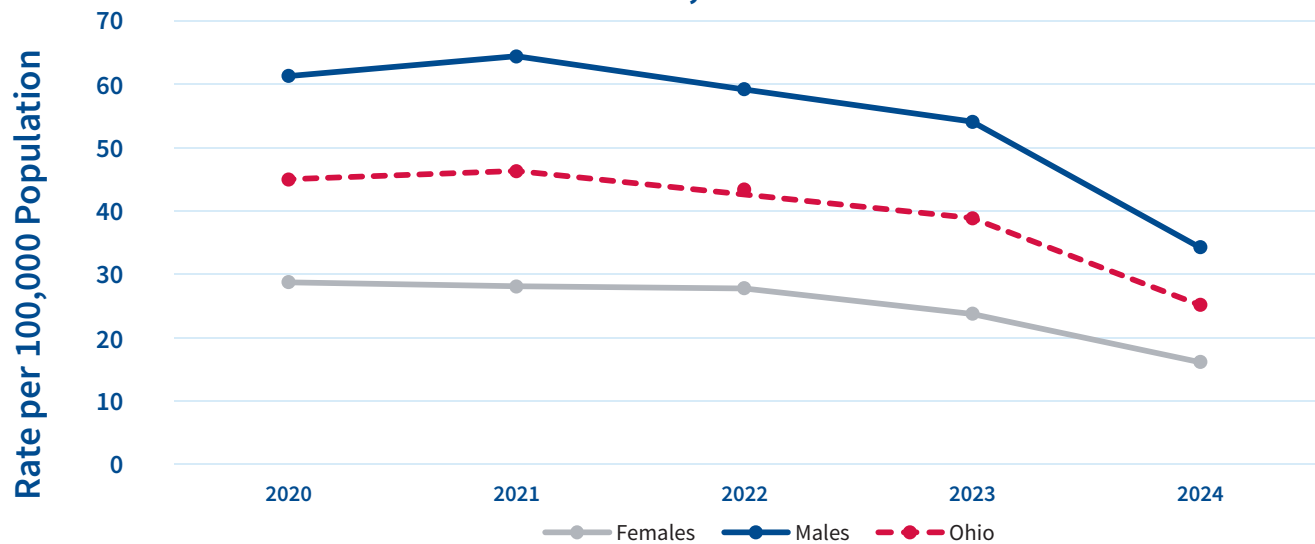
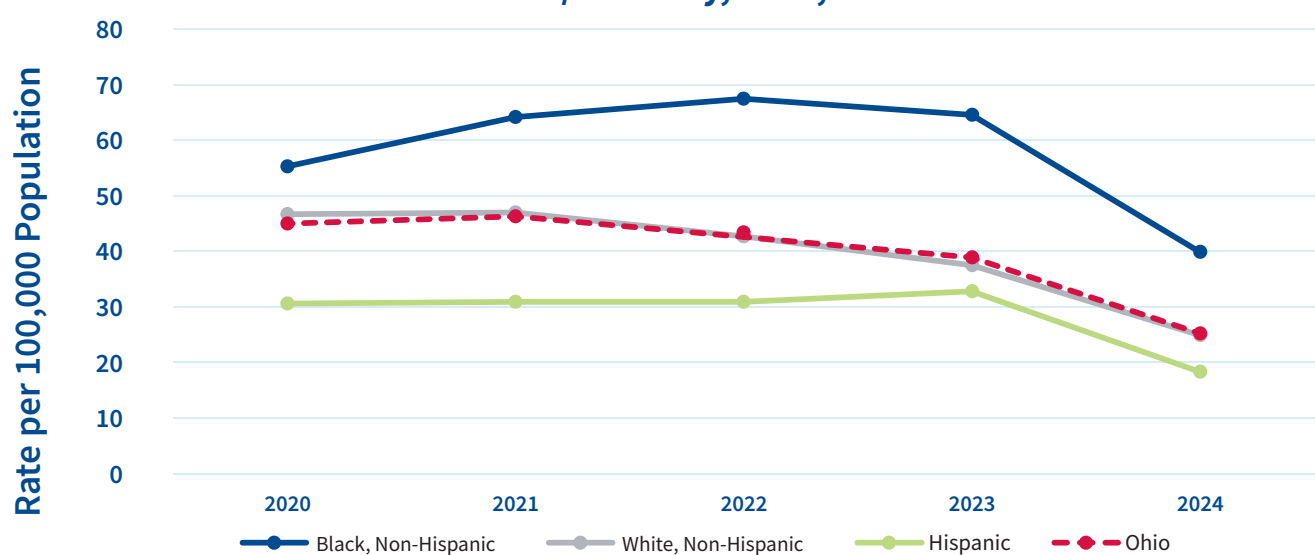


FIGURE 9. Age-Adjusted Rate of Unintentional Drug Overdose Deaths by Race/Ethnicity, Ohio, 2020-2024



- In 2024, the Black, non-Hispanic population continued to have the highest rate of unintentional drug overdose deaths.
- From 2023 to 2024, the unintentional drug overdose death rate among the Black, non-Hispanic population decreased 38% to 39.9 deaths per 100,000 population compared with a 34% decrease among the White, non-Hispanic population (24.9 deaths per 100,000 population).
- In 2024, the Hispanic population continued to have the lowest rate of unintentional drug overdose deaths among the groups presented. From 2023 to 2024, the Hispanic population also had the largest percent decrease in rate (-44%), from 32.8 deaths per 100,000 population in 2023 to 18.3 deaths per 100,000 population in 2024.

Other race and ethnicity groups are not presented due to small numbers.

Demographics: Sex and Race/Ethnicity

- In 2024, Black, non-Hispanic males continued to have the highest rate of unintentional drug overdose deaths compared with other sex and race/ethnicity groups. At 61 deaths per 100,000 population, the overdose death rate for Black, non-Hispanic males was nearly twice that of White, non-Hispanic males (32.8 deaths per 100,000 population). From 2023 to 2024, the overdose death rate for Black, non-Hispanic males decreased 39% compared with a 35% decrease for White, non-Hispanic males.
- In 2024, Black, non-Hispanic females continued to have higher rates of unintentional drug overdose deaths compared with White, non-Hispanic females. From 2023 to 2024, the overdose death rate for Black, non-Hispanic females decreased 36% to 21.2 deaths per 100,000 population, while the rate for White, non-Hispanic females decreased 30% to 16.9 deaths per 100,000 population.
- Hispanic females and males had the largest percent decreases in rates from 2023 to 2024 (-51% and -43%, respectively).

FIGURE 10. Age-Adjusted Rate of Unintentional Drug Overdose Deaths by Sex and Race/Ethnicity, Ohio, 2020-2024

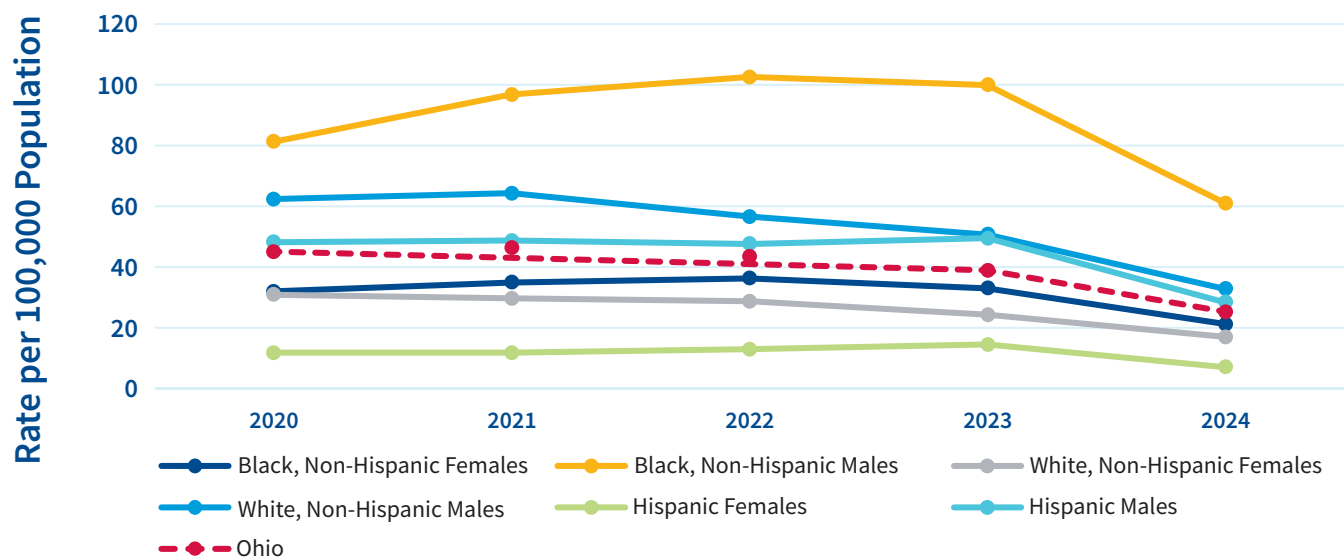


FIGURE 11. Number of Unintentional Drug Overdose Deaths Among the Black, Non-Hispanic Population by Quarter, Ohio, 2023-2024

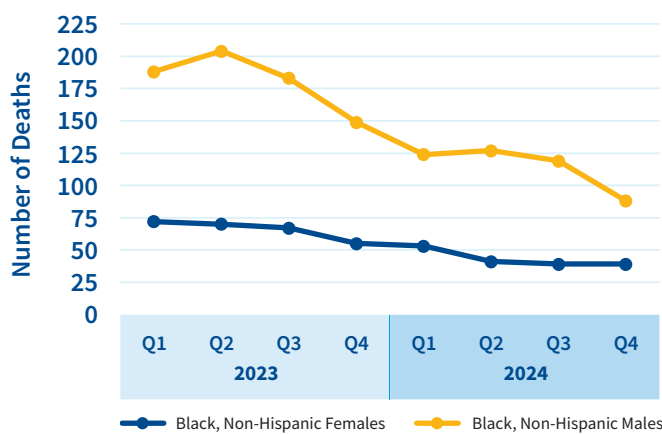
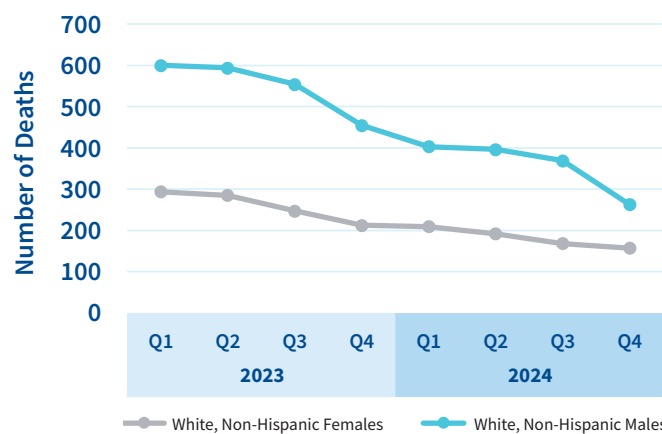


FIGURE 12. Number of Unintentional Drug Overdose Deaths Among the White, Non-Hispanic Population by Quarter, Ohio, 2023-2024



Other race and ethnicity groups are not presented due to small numbers.

- Among Black, non-Hispanic females and males, the 55-64 age group had the highest overdose death rate followed by the 35-44 age group for females and the 45-54 age group for males.
- Among White, non-Hispanic females and males, the 35-44 age group had the highest overdose death rate followed by the 45-54 age group.

FIGURE 13. Rate of Unintentional Drug Overdose Deaths by Age, Sex, and Race/Ethnicity, Ohio, 2024

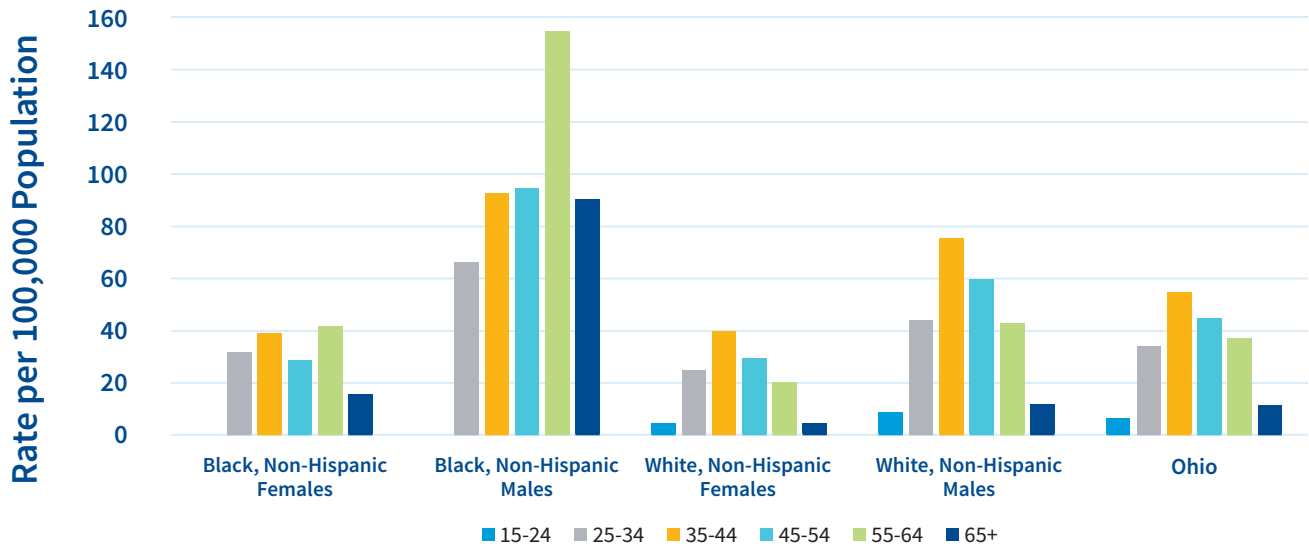
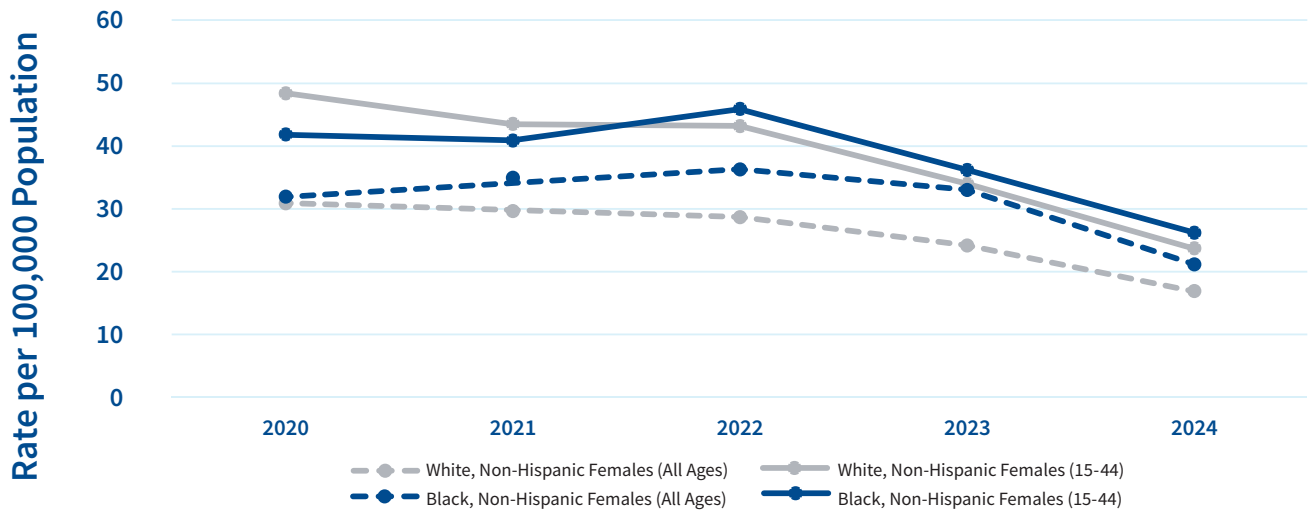


FIGURE 14. Rate¹ of Unintentional Drug Overdose Deaths Among Females by Age and Race/Ethnicity, Ohio, 2020-2024*



- From 2023 to 2024, the overdose death rate for females of all ages and the overdose death rate for females of reproductive age (15-44) both decreased 32%.
- For females of all ages, the overdose death rates among Black, non-Hispanic females decreased 36%, while the rate among White, non-Hispanic females decreased 30%.
- For females of reproductive age (15-44), the overdose death rate among Black, non-Hispanic females decreased 28%, while the rate among White, non-Hispanic females decreased 30%.

*Substance use disorder among females of reproductive age is of particular concern because fetal exposure to opioids and other substances during pregnancy can result in infants born with neonatal abstinence syndrome (NAS), a set of symptoms associated with abrupt withdrawal.

Other race and ethnicity groups are not presented due to small numbers.

1. Death rates presented for females of reproductive age (ages 15-44) are age-specific; death rates presented for total females are age-adjusted.

Drug Involvement by Sex and Race/Ethnicity

- In 2024, fentanyl was involved in the majority of unintentional drug overdose deaths among all the sex and race/ethnicity groups presented, ranging from 59% to 89% of deaths.
- Following fentanyl, psychostimulants were involved in the highest percentage of deaths among White, non-Hispanic females and males (31% and 36%, respectively).
- Compared with other sex and race/ethnicity groups, Black, non-Hispanic females and males had the highest percentage of deaths involving cocaine (63% and 65%, respectively).

FIGURE 15. Percentage of Unintentional Drug Overdose Deaths Involving Select Drugs by Sex and Race/Ethnicity, Ohio, 2024

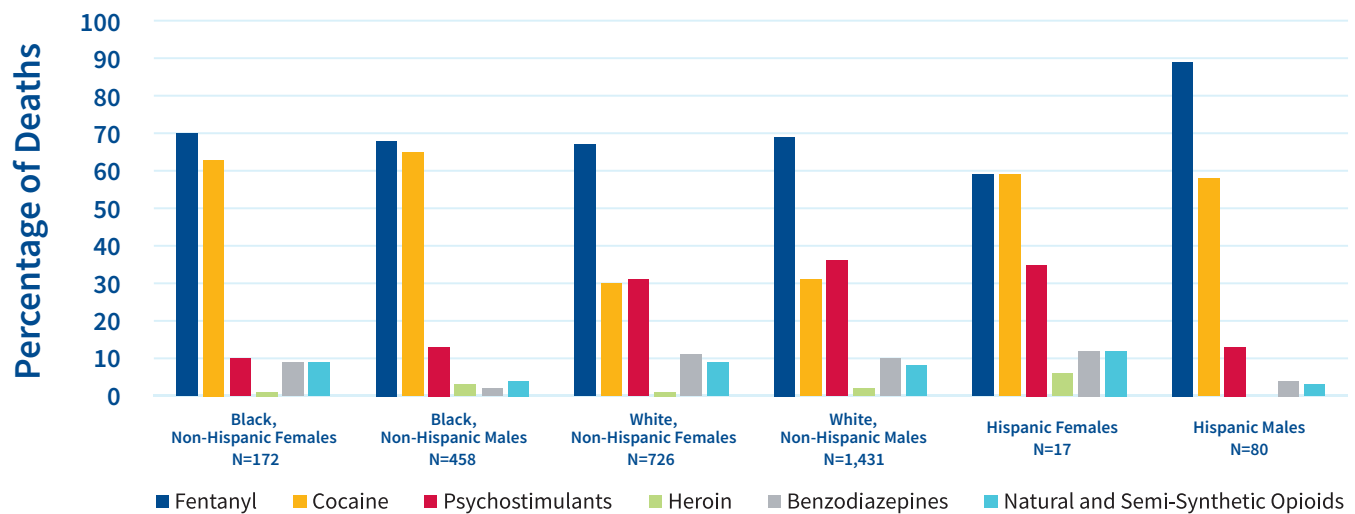
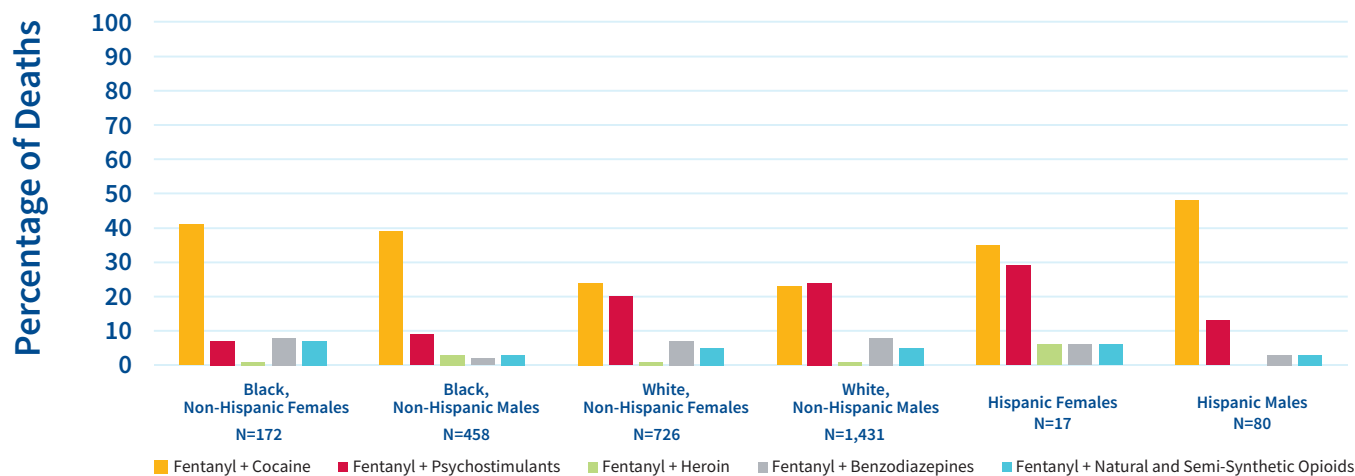


FIGURE 16. Percentage of Unintentional Drug Overdose Deaths Involving Fentanyl Combinations by Sex and Race/Ethnicity, Ohio, 2024



- In 2024, among unintentional drug overdose deaths involving a combination of fentanyl and other drug categories, the combination of fentanyl and cocaine was involved in the highest percentage of deaths among all presented sex and race/ethnicity groups except for White, non-Hispanic males. For White, non-Hispanic males, the combination of fentanyl and psychostimulants was involved in the highest percentage of deaths.

Other race and ethnicity groups are not presented due to small numbers. Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanil). 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 ICD-10 code T40.2. Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

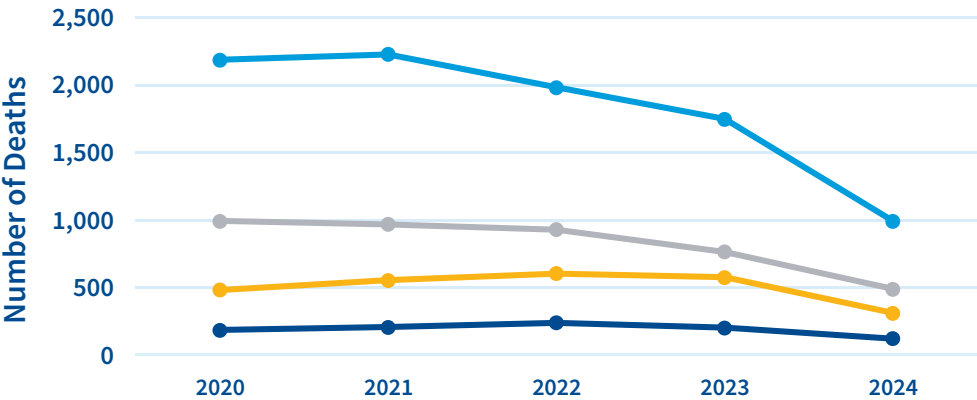
FIGURE 17. Number of Unintentional Drug Overdose Deaths Involving Fentanyl, Cocaine, and Psychostimulants by Sex and Race/Ethnicity, Ohio, 2020-2024

Black, Non-Hispanic Females Black, Non-Hispanic Males White, Non-Hispanic Females White, Non-Hispanic Males

FENTANYL

- From 2023 to 2024, all sex and race/ethnicity groups experienced decreases in the number of fentanyl-related deaths.
- Fentanyl-related deaths among Black, non-Hispanic females and males decreased 40% and 46%, respectively. Among White, non-Hispanic females and males, fentanyl-related deaths decreased 36% and 43%, respectively.

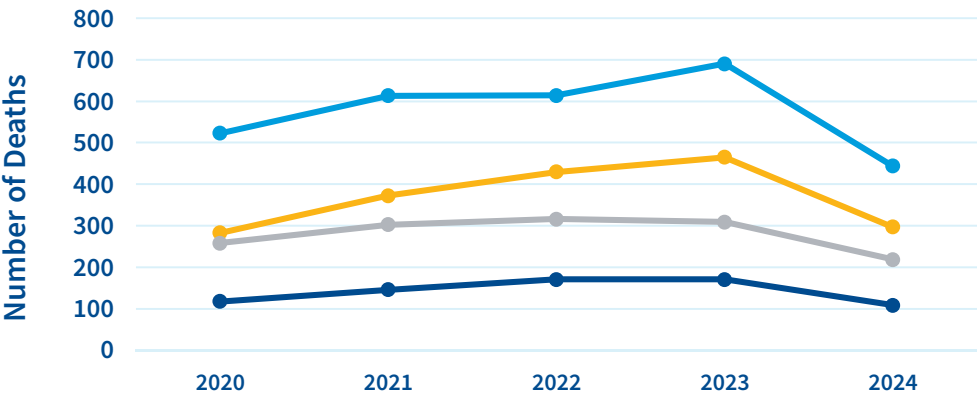
FIGURE 17a. Fentanyl



COCAINE

- From 2023 to 2024, all sex and race/ethnicity groups experienced decreases in the number of cocaine-related deaths.
- Cocaine-related deaths among Black, non-Hispanic females and males both decreased 36%. Among White, non-Hispanic females and males, cocaine-related deaths decreased 29% and 36%, respectively.

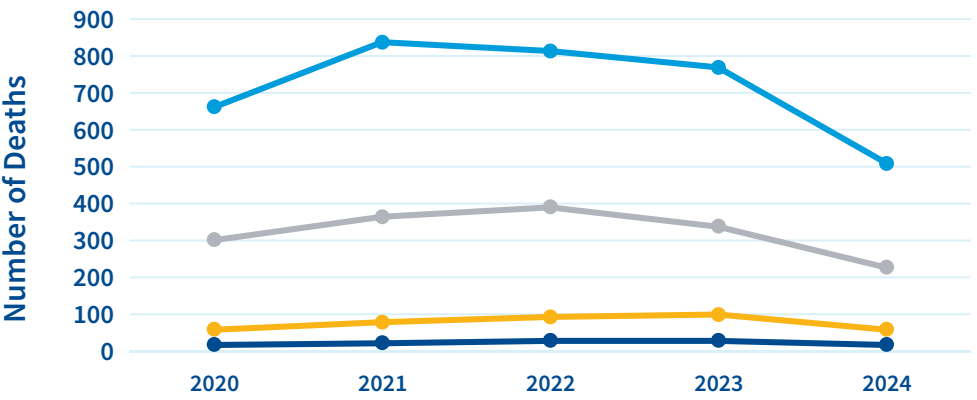
FIGURE 17b. Cocaine



PSYCHOSTIMULANTS

- From 2023 to 2024, all sex and race/ethnicity groups experienced decreases in the number of psychostimulant-related deaths.
- Psychostimulant-related deaths among Black, non-Hispanic females and males decreased 38% and 40%, respectively. Among White, non-Hispanic females and males, psychostimulant-related deaths decreased 33% and 34%, respectively.

FIGURE 17c. Psychostimulants (e.g., methamphetamine)



Other race and ethnicity groups are not presented due to small numbers. Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanyl). Psychostimulants include methamphetamine and other psychostimulants with potential for abuse (ICD-10 code T43.6). Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

TABLE 3. Number of Unintentional Drug Overdose Deaths Involving Select Drugs by Sex and Race/Ethnicity, Ohio, 2023-2024

	Opioids						Non-Opioids					
	Fentanyl		Natural and Semi-Synthetic Opioids		Heroin		Cocaine		Psychostimulants		Benzodiazepines	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
Race/Ethnicity and Sex												
Black, Non-Hispanic Females	202	121	17	16	6	2	171	109	29	18	21	16
Black, Non-Hispanic Males	575	311	32	19	9	12	465	297	99	59	26	11
White, Non-Hispanic Females	765	489	92	65	16	9	309	219	338	227	118	77
White, Non-Hispanic Males	1,750	993	138	117	39	22	690	444	769	509	193	141
Hispanic Females	32	10	4	2	2	1	14	10	6	6	7	2
Hispanic Males	123	71	6	2	1	0	69	46	15	10	8	3
Ohio Total*	3,486	2,030	291	224	75	46	1,738	1,143	1,267	841	375	251

TABLE 4. Number of Unintentional Drug Overdose Deaths Involving Fentanyl Combinations by Sex and Race/Ethnicity, Ohio, 2023-2024

	Fentanyl + Other Opioids				Fentanyl + Non-Opioids					
	Natural and Semi-Synthetic Opioids		Heroin		Cocaine		Psychostimulants		Benzodiazepines	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
Race/Ethnicity and Sex										
Black, Non-Hispanic Females	12	12	6	2	126	71	25	12	14	14
Black, Non-Hispanic Males	20	14	8	12	355	177	78	40	18	10
White, Non-Hispanic Females	46	34	16	9	249	174	263	148	80	51
White, Non-Hispanic Males	89	65	35	18	556	327	580	346	148	110
Hispanic Females	3	1	2	1	13	6	6	5	6	1
Hispanic Males	5	2	1	0	62	38	10	10	7	2
Ohio Total*	177	131	70	42	1,379	807	971	569	275	189

Other race and ethnicity groups are not presented due to small numbers. 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 ICD-10 code T40.2. Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category.

*Total includes all unintentional drug overdose deaths among Ohio residents by substance.

Demographics: Age

- In 2024, the 35-44 age group had the highest rate of unintentional drug overdose deaths (54.9 deaths per 100,000 population).
- The rate of unintentional drug overdose deaths decreased for all age groups presented, ranging from a 13% decrease for the 65+ age group to a 43% decrease for the 15-24 age group.
- Beginning in 2021, overdose death rates for the age groups of 15-24 and 25-34 have decreased each year. From 2020 to 2024, the rate of unintentional drug overdose deaths decreased 70% for the 15-24 age group and 60% for the 25-34 age group.

FIGURE 18. Rate¹ of Unintentional Drug Overdose Deaths by Age, Ohio, 2020-2024

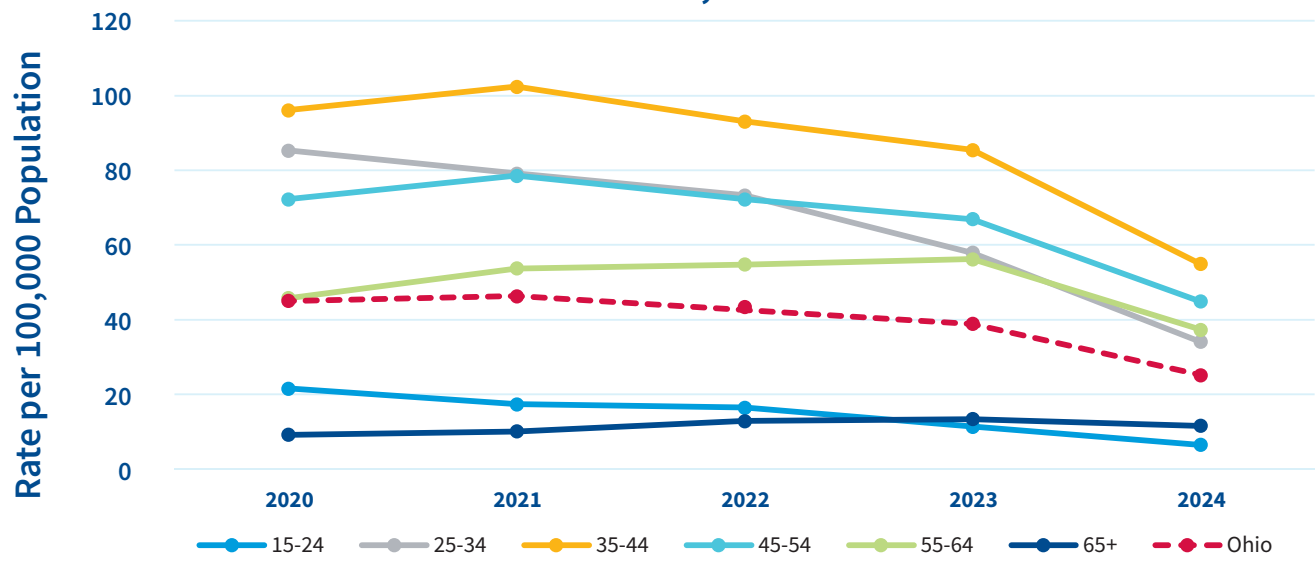
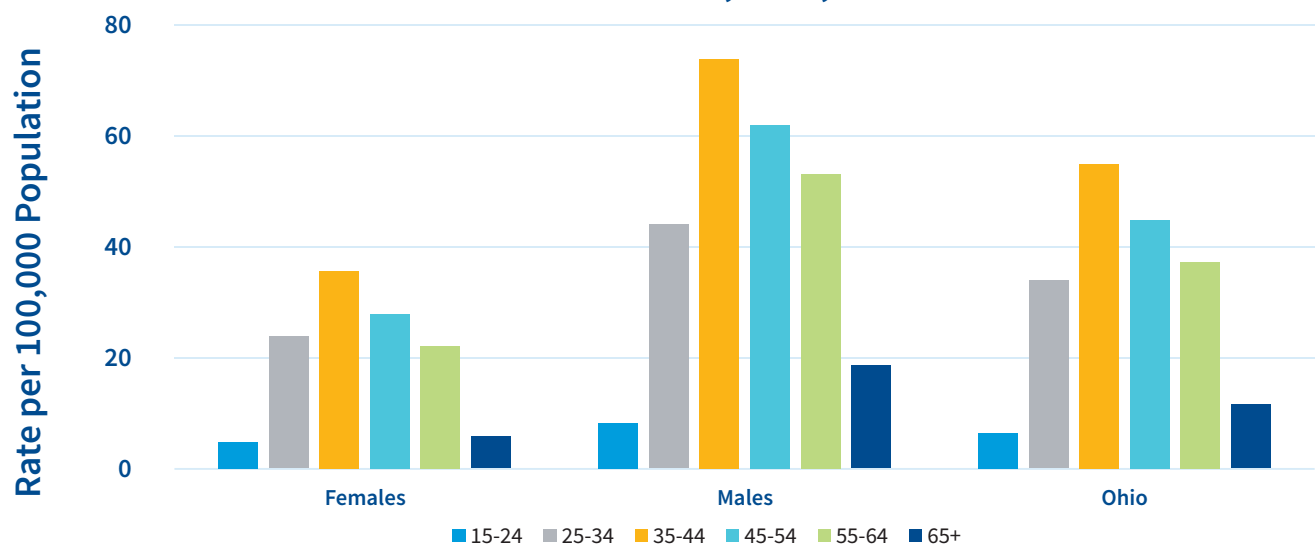


FIGURE 19. Rate of Unintentional Drug Overdose Deaths by Age and Sex, Ohio, 2024



- Compared with Ohio overall, females and males followed similar patterns in rates of unintentional drug overdose deaths by age group in 2024. Among both females and males, the 35-44 age group had the highest unintentional drug overdose death rate in 2024 (35.7 and 73.9 deaths per 100,000 population, respectively).

Other age groups are not presented due to small numbers.
1. Rates presented for age groups are age-specific. Overall Ohio rates are age-adjusted to the 2000 U.S. standard population to allow a comparison of the overall risk of dying between different populations.

Drug Involvement By Age

- In 2024, among all presented age groups, fentanyl was involved in the highest percentage of unintentional drug overdose deaths, followed by cocaine.
- The percentage of deaths involving fentanyl decreased as age increased. Fentanyl involvement was highest among the 15-24 age group (87%) and lowest among those aged 65 and older (48%).
- In contrast to fentanyl, cocaine involvement tended to increase with age. In 2024, the highest percentage of deaths involving cocaine was among those aged 55-64 (49%).

FIGURE 20. Percentage of Unintentional Drug Overdose Deaths Involving Select Drugs by Age, Ohio, 2024

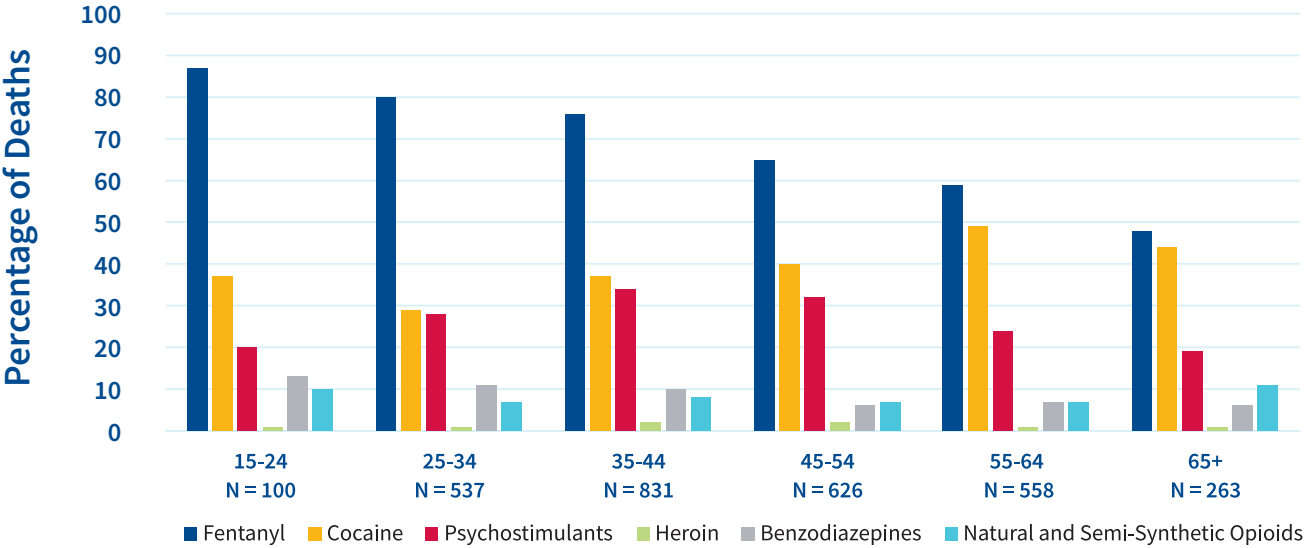
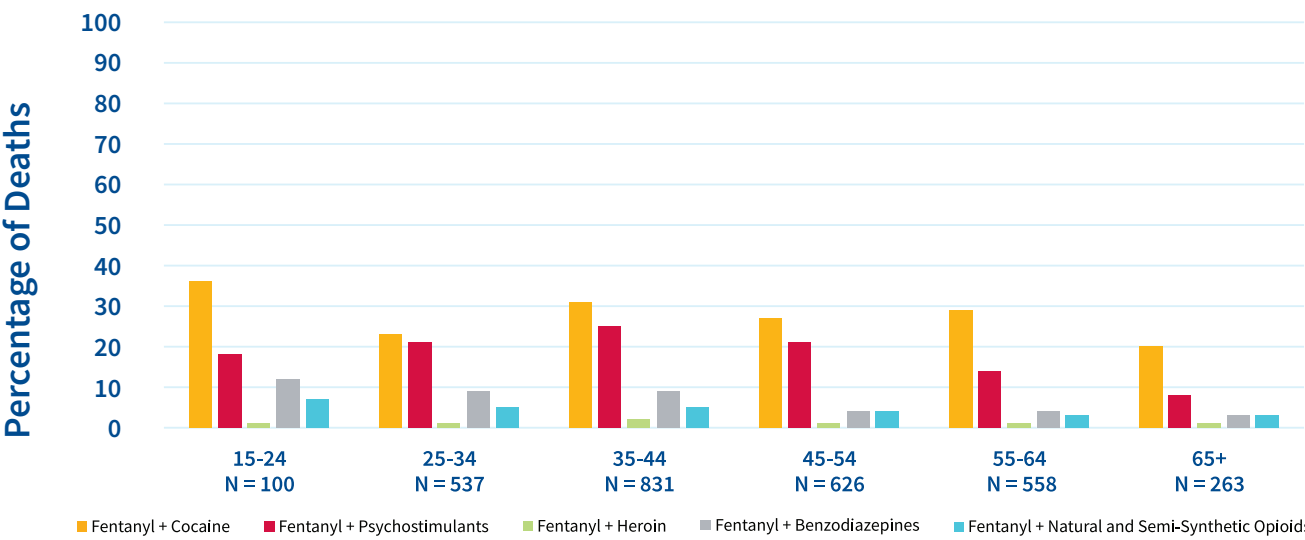


FIGURE 21. Percentage of Unintentional Drug Overdose Deaths Involving Fentanyl Combinations by Age, Ohio, 2024



- In deaths involving a combination of fentanyl and other drug categories, the combination of fentanyl and cocaine was involved in the highest percentage of deaths among all age groups followed by the combination of fentanyl and psychostimulants.

Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanil). 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. Other age groups are not presented due to small numbers.

TABLE 5. Number of Unintentional Drug Overdose Deaths Involving Select Drugs by Age, Ohio, 2023-2024

Age Groups	Opioids						Non-Opioids					
	Fentanyl		Natural and Semi-Synthetic Opioids		Heroin		Cocaine		Psychostimulants		Benzodiazepines	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
15-24	151	87	16	10	3	1	51	37	36	20	17	13
25-34	788	431	47	39	12	8	299	156	263	150	77	59
35-44	1,066	635	86	64	24	18	441	308	423	281	115	87
45-54	735	410	59	41	15	10	385	249	286	201	79	37
55-64	582	330	62	41	13	6	427	276	207	135	69	38
65+	158	125	21	28	8	3	134	116	48	50	18	16
Ohio Total*	3,486	2,030	291	224	75	46	1,738	1,143	1,267	841	375	251

TABLE 6. Number of Unintentional Drug Overdose Deaths Involving Fentanyl Combinations by Age, Ohio, 2023-2024

Age Groups	Fentanyl + Other Opioids				Fentanyl + Non-Opioids					
	Natural and Semi-Synthetic Opioids		Heroin		Cocaine		Psychostimulants		Benzodiazepines	
	2023	2024	2023	2024	2023	2024	2023	2024	2023	2024
15-24	10	7	3	1	46	36	28	18	9	12
25-34	40	25	10	8	256	123	223	115	67	51
35-44	58	45	21	16	387	261	347	207	87	71
45-54	32	25	15	9	317	169	222	130	57	23
55-64	29	19	13	5	299	164	124	76	46	23
65+	8	9	8	3	73	53	26	21	9	8
Ohio Total*	177	131	70	42	1,379	807	971	569	275	189

Fentanyl includes fentanyl and fentanyl analogs (e.g., carfentanil). 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 ICD-10 code T40.2. Multiple drugs are usually involved in overdose deaths. Individual deaths may be reported in more than one category. Other age groups are not presented due to small numbers.

*Total includes all unintentional drug overdose deaths among Ohio residents by substance.

TABLE 7. Number and Rate of Unintentional Drug Overdose Deaths by Demographics, Ohio, 2020-2024

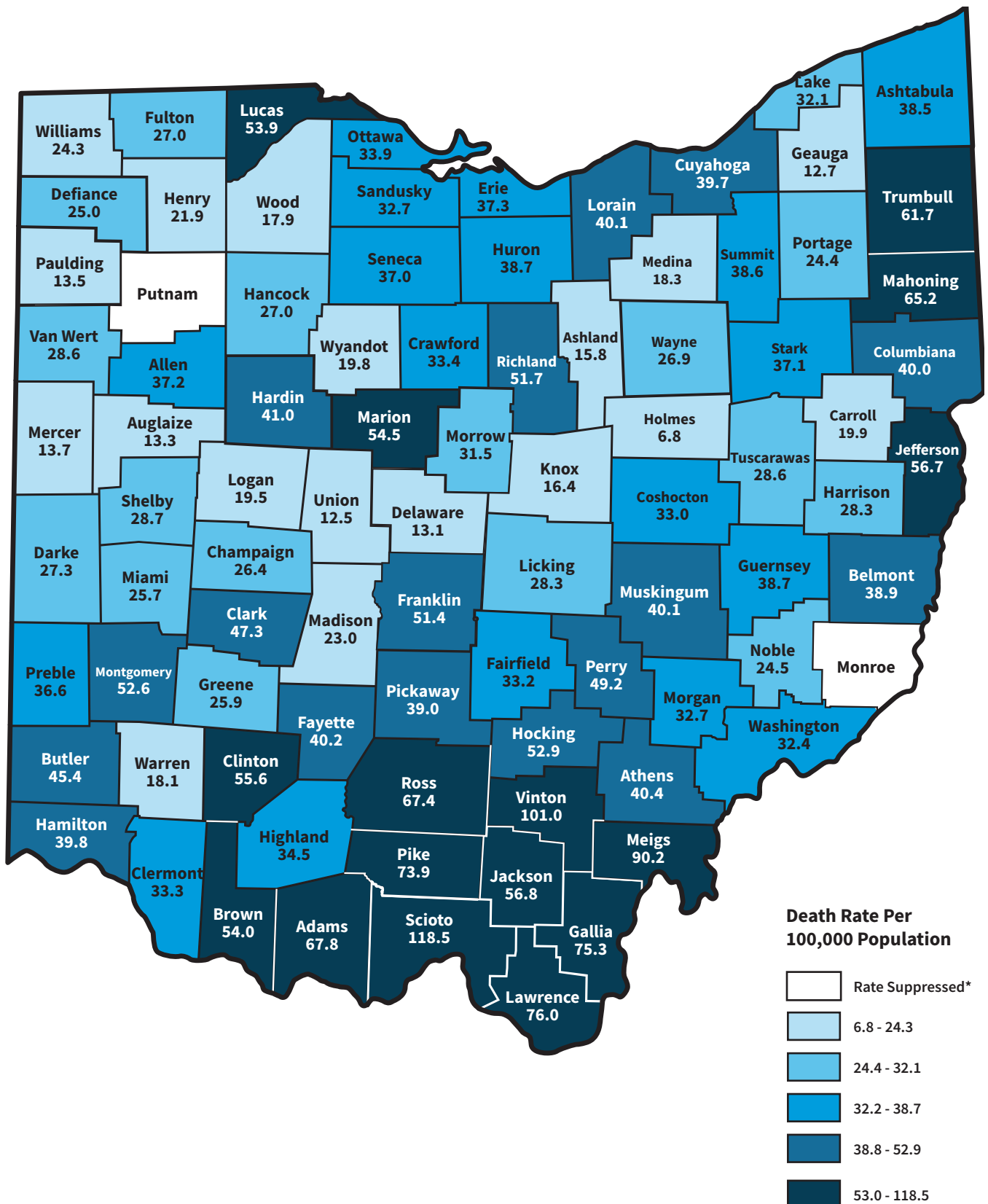
	2020		2021		2022		2023		2024		2020-2024	
Demographics	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
Age												
<15	5	.	7	.	7	.	9	.	11	0.5	39	0.4
15-24	327	21.6	260	17.4	249	16.5	173	11.4	100	6.5	1,109	14.7
25-34	1,325	85.3	1,230	79.1	1,141	73.3	906	57.9	537	34.1	5,139	65.8
35-44	1,385	96.1	1,492	102.4	1,371	93.1	1,274	85.4	831	54.9	6,353	86.1
45-54	1,046	72.2	1,118	78.5	1,017	72.2	936	66.9	626	44.9	4,743	67.0
55-64	740	45.8	854	53.7	852	54.8	855	56.2	558	37.3	3,859	49.6
65+	189	9.2	213	10.1	278	12.9	297	13.4	263	11.6	1,240	11.5
Sex												
Female	1,599	28.8	1,572	28.1	1,554	27.8	1,356	23.8	932	16.2	7,013	24.9
Male	3,418	61.3	3,602	64.4	3,361	59.2	3,096	54.1	1,999	34.3	15,476	54.6
Race/Ethnicity ²												
American Indian/ Alaska Native, Non-Hispanic	5	.	2	.	12	39.9	3	.	6	.	28	20.9
Asian/Pacific Islander, Non-Hispanic	19	5.4	19	5.6	16	4.2	8	.	10	2.4	72	3.8
Black, Non-Hispanic	820	55.3	954	64.2	1,021	67.5	988	64.6	630	39.9	4,413	58.2
White, Non-Hispanic	3,980	46.7	4,005	47.0	3,662	42.7	3,241	37.5	2,157	24.9	17,045	39.8
Multiracial, Non-Hispanic	44	20.7	43	22.0	34	13.9	28	13.4	18	8.2	167	15.3
Hispanic	144	30.6	147	30.9	160	30.9	177	32.8	97	18.3	725	28.4
Sex and Race/Ethnicity ²												
Black, Non-Hispanic Females	242	31.9	268	34.9	285	36.3	264	33.0	172	21.2	1,231	31.4
Black, Non-Hispanic Males	578	81.2	686	96.7	736	102.5	724	99.9	458	61.0	3,182	88.1
White, Non-Hispanic Females	1,313	30.9	1,258	29.6	1,216	28.7	1,038	24.2	726	16.9	5,551	26.1
White, Non-Hispanic Males	2,667	62.3	2,747	64.2	2,446	56.5	2,203	50.7	1,431	32.8	11,494	53.4
Hispanic Females	28	11.7	27	11.8	31	12.9	37	14.4	17	7.0	140	11.5
Hispanic Males	116	48.2	120	48.6	129	47.6	140	49.4	80	28.4	585	43.9
Total Unintentional Drug Overdose Deaths ³	5,017	45.0	5,174	46.3	4,915	43.4	4,452	38.9	2,931	25.2	22,489	39.7

1. The death rates presented for age groups are age-specific. The death rates presented for sex and race/ethnicity are age-adjusted to the 2000 U.S. standard population to allow a comparison of the overall risk of dying between different populations. Rates are suppressed when there are fewer than 10 total deaths.

2. Other race and ethnicity groups are not presented due to small numbers.

3. Total includes all unintentional drug overdose deaths among Ohio residents.

FIGURE 22. Average Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County of Residence, Ohio, 2020-2024



*Rates are suppressed when there are fewer than 10 total deaths.

TABLE 8. Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County of Residence, Ohio, 2015-2024

County	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024 Rate ¹	2020-2024 Rate ¹
Ohio	3,050	4,050	4,854	3,764	4,028	5,017	5,174	4,915	4,452	2,931	25.2	39.7
Adams	12	12	14	11	12	15	16	17	17	12	52.7	67.8
Allen	18	31	39	15	12	31	31	47	30	31	33.3	37.2
Ashland	6	3	3	4	3	11	5	4	11	3	.	15.8
Ashtabula	21	39	26	22	32	41	37	35	41	23	21.1	38.5
Athens	8	6	6	5	9	17	28	26	21	13	26.6	40.4
Auglaize	9	4	6	1	5	3	8	7	4	3	.	13.3
Belmont	18	20	18	18	18	28	19	27	26	19	33.0	38.9
Brown	23	18	31	26	14	20	30	23	25	15	36.2	54.0
Butler	195	211	260	176	169	204	190	199	145	89	24.3	45.4
Carroll	5	3	6	4	3	8	0	4	5	6	.	19.9
Champaign	6	10	17	10	8	16	12	6	7	6	.	26.4
Clark	71	73	96	72	56	55	81	69	55	24	19.8	47.3
Clermont	105	96	91	78	81	76	89	72	58	37	17.9	33.3
Clinton	20	12	30	13	18	23	22	20	19	17	46.4	55.6
Columbiana	30	39	48	35	40	46	45	31	40	25	24.8	40.0
Coshocton	3	4	6	7	6	15	12	7	10	8	.	33.0
Crawford	10	8	17	14	11	16	9	9	13	12	30.9	33.4
Cuyahoga	275	547	598	443	477	484	574	554	550	353	26.8	39.7
Darke	13	19	28	18	10	19	16	16	9	3	.	27.3
Defiance	7	6	3	6	7	10	12	10	6	4	.	25.0
Delaware	12	11	28	28	26	29	39	30	22	19	7.6	13.1
Erie	23	37	32	25	16	34	21	27	19	17	25.0	37.3
Fairfield	16	23	43	25	28	54	60	58	51	36	21.5	33.2
Fayette	16	7	26	8	11	12	12	16	7	5	.	40.2
Franklin	279	314	431	476	547	803	786	753	701	462	33.2	51.4
Fulton	6	10	3	7	4	14	8	10	10	6	.	27.0
Gallia	9	11	18	17	19	29	19	20	16	13	50.4	75.3
Geauga	15	24	25	12	20	10	15	9	12	5	.	12.7
Greene	43	44	63	49	40	43	51	47	42	24	14.6	25.9
Guernsey	9	13	10	8	10	15	16	14	15	7	.	38.7
Hamilton	335	318	444	357	353	366	394	333	310	195	24.3	39.8
Hancock	13	19	32	23	15	21	23	29	16	6	.	27.0
Hardin	8	7	9	5	9	9	19	11	7	8	.	41.0
Harrison	4	1	5	4	0	3	3	4	4	2	.	28.3
Henry	6	5	3	10	5	5	6	4	8	3	.	21.9

1. Death rates are age-adjusted to the 2000 U.S. standard population to allow a comparison of the overall risk of dying between different populations. Rates are suppressed when there are fewer than 10 total deaths.

TABLE 8.

Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County of Residence, Ohio, 2015-2024 (Continued)

County	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024 Rate ¹	2020-2024 Rate ¹
Ohio	3,050	4,050	4,854	3,764	4,028	5,017	5,174	4,915	4,452	2,931	25.2	39.7
Highland	9	6	13	5	13	14	18	20	6	10	26.6	34.5
Hocking	3	5	8	11	5	4	18	17	17	10	25.4	52.9
Holmes	0	4	2	4	1	3	2	2	4	2	.	6.8
Huron	10	16	27	16	23	34	24	17	16	8	.	38.7
Jackson	9	7	10	13	8	15	22	19	19	13	41.6	56.8
Jefferson	16	14	28	27	24	28	35	43	29	15	32.0	56.7
Knox	7	8	15	4	9	8	13	6	13	5	.	16.4
Lake	50	94	91	71	75	89	73	87	53	46	20.4	32.1
Lawrence	23	27	32	30	23	37	64	39	34	24	45.8	76.0
Licking	29	18	41	40	40	55	63	58	40	28	15.7	28.3
Logan	8	14	15	10	12	11	4	13	6	8	.	19.5
Lorain	63	146	133	101	106	140	144	126	119	65	20.3	40.1
Lucas	118	157	153	166	224	259	230	225	227	163	38.5	53.9
Madison	7	15	20	6	18	10	15	12	11	5	.	23.0
Mahoning	60	83	112	98	101	131	149	149	141	100	48.2	65.2
Marion	22	24	30	29	30	39	32	38	44	19	30.4	54.5
Medina	27	41	42	35	21	38	38	25	27	20	12.3	18.3
Meigs	3	9	4	14	9	19	19	22	12	14	75.1	90.2
Mercer	3	5	7	2	1	6	3	4	6	5	.	13.7
Miami	17	39	41	28	23	37	22	23	25	17	17.8	25.7
Monroe	1	1	2	5	1	2	4	1	0	1	.	.
Montgomery	239	320	521	275	266	309	304	284	270	169	32.7	52.6
Morgan	0	4	2	4	1	7	1	4	5	2	.	32.7
Morrow	3	6	11	7	13	16	12	10	7	5	.	31.5
Muskingum	13	7	21	35	33	41	35	30	23	28	33.5	40.1
Noble	5	1	1	4	1	2	4	5	1	0	.	24.5
Ottawa	5	14	7	13	7	11	12	13	6	12	34.2	33.9
Paulding	0	0	3	3	1	2	2	4	3	0	.	13.5
Perry	7	6	6	13	11	17	22	13	15	11	34.7	49.2
Pickaway	10	6	17	20	21	31	20	31	19	16	26.1	39.0
Pike	11	7	13	14	14	21	18	21	18	10	41.6	73.9
Portage	36	46	39	28	32	35	45	38	29	30	19.2	24.4
Preble	15	21	29	11	13	17	13	17	13	8	.	36.6
Putnam	4	4	3	3	1	2	2	2	1	2	.	.
Richland	36	68	49	51	54	62	82	64	39	49	43.2	51.7

1. Death rates are age-adjusted to the 2000 U.S. standard population to allow a comparison of the overall risk of dying between different populations. Rates are suppressed when there are fewer than 10 total deaths.

TABLE 8.

Number and Age-Adjusted Rate of Unintentional Drug Overdose Deaths by County of Residence, Ohio, 2015-2024 (Continued)

County	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2024 Rate ¹	2020-2024 Rate ¹
Ohio	3,050	4,050	4,854	3,764	4,028	5,017	5,174	4,915	4,452	2,931	25.2	39.7
Ross	38	40	29	37	37	55	55	61	49	34	46.0	67.4
Sandusky	12	22	23	17	17	11	24	23	18	11	21.6	32.7
Scioto	30	35	51	47	81	106	80	87	81	47	71.5	118.5
Seneca	9	5	19	13	10	26	20	18	17	6	.	37.0
Shelby	8	15	21	10	14	17	13	9	13	8	.	28.7
Stark	59	97	91	74	101	119	142	143	156	107	28.3	37.1
Summit	173	298	239	128	201	217	213	230	216	131	24.7	38.6
Trumbull	89	111	135	79	99	126	120	119	124	66	36.2	61.7
Tuscarawas	8	14	22	10	14	28	29	23	23	12	12.5	28.6
Union	5	7	10	9	13	12	8	10	7	6	.	12.5
Van Wert	1	8	8	4	5	7	5	11	4	10	32.7	28.6
Vinton	1	2	2	4	2	10	14	18	10	4	.	101.0
Warren	42	58	81	40	45	56	64	45	34	16	6.8	18.1
Washington	8	20	14	13	8	16	18	26	17	5	.	32.4
Wayne	24	36	20	18	20	29	40	33	20	10	10.8	26.9
Williams	1	9	4	8	5	8	9	5	10	8	.	24.3
Wood	22	21	17	14	25	28	31	16	17	13	10.5	17.9
Wyandot	2	4	3	7	2	5	8	1	1	2	.	19.8

1. Death rates are age-adjusted to the 2000 U.S. standard population to allow a comparison of the overall risk of dying between different populations. Rates are suppressed when there are fewer than 10 total deaths.

TABLE 9. **Number of Unintentional Drug Overdose Deaths by Race/Ethnicity and County of Residence, Ohio, 2020-2024**

County	Black, Non-Hispanic					White, Non-Hispanic					Hispanic				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Adams	0	0	0	0	0	15	16	17	17	12	0	0	0	0	0
Allen	7	6	10	10	3	24	25	37	18	25	0	0	0	1	1
Ashland	1	0	0	1	0	10	5	3	9	3	0	0	0	0	0
Ashtabula	1	3	2	1	0	37	33	31	38	23	3	1	2	2	0
Athens	1	0	0	1	1	15	27	26	20	12	0	0	0	0	0
Auglaize	0	0	1	0	0	3	8	6	4	3	0	0	0	0	0
Belmont	1	2	3	1	1	25	17	23	25	17	0	0	0	0	0
Brown	0	0	0	0	0	20	29	23	25	15	0	0	0	0	0
Butler	16	15	10	20	10	184	170	177	122	75	3	5	8	3	3
Carroll	0	0	1	0	0	8	0	3	5	6	0	0	0	0	0
Champaign	3	1	0	0	0	12	11	6	7	6	0	0	0	0	0
Clark	8	13	10	18	2	47	67	56	34	22	0	1	2	2	0
Clermont	1	0	2	0	2	72	89	69	56	33	0	0	0	1	1
Clinton	2	2	1	1	1	21	20	18	18	16	0	0	1	0	0
Columbiana	1	3	1	1	1	45	42	29	38	23	0	0	0	0	0
Coshocton	1	1	2	1	0	14	11	5	8	8	0	0	0	1	0
Crawford	0	0	0	0	0	16	9	9	11	12	0	0	0	1	0
Cuyahoga	146	191	212	218	149	291	338	299	292	189	41	39	32	37	13
Darke	0	0	1	0	0	19	16	15	8	3	0	0	0	1	0
Defiance	0	0	0	0	0	9	11	7	5	4	1	1	3	1	0
Delaware	1	2	3	2	2	27	35	26	19	17	0	1	0	1	0
Erie	2	0	6	2	3	32	21	18	17	13	0	0	2	0	1
Fairfield	0	0	3	7	6	51	60	54	43	30	2	0	0	0	0
Fayette	0	0	2	0	0	11	11	13	7	5	0	1	0	0	0
Franklin	242	246	284	247	162	515	502	412	396	258	25	20	40	38	29
Fulton	1	0	0	0	0	11	7	9	9	5	2	0	0	1	1
Gallia	1	1	0	0	1	28	18	19	16	12	0	0	1	0	0
Geauga	0	1	0	1	0	10	13	9	11	5	0	0	0	0	0
Greene	0	1	8	7	3	41	49	36	35	20	1	0	0	0	0
Guernsey	0	0	0	0	0	15	15	14	15	6	0	1	0	0	1
Hamilton	87	116	122	101	62	270	268	198	190	121	5	2	7	17	6
Hancock	0	1	2	1	0	21	21	26	14	6	0	1	1	1	0
Hardin	0	0	0	0	0	9	18	11	7	8	0	1	0	0	0
Harrison	0	0	0	1	0	3	3	4	3	2	0	0	0	0	0
Henry	0	0	0	0	0	5	6	4	8	2	0	0	0	0	0
Highland	0	0	1	1	0	13	18	18	5	10	0	0	0	0	0
Hocking	0	0	0	0	0	4	18	17	17	10	0	0	0	0	0
Holmes	0	0	0	0	0	3	2	2	4	2	0	0	0	0	0
Huron	1	0	0	0	0	31	20	17	16	8	2	4	0	0	0
Jackson	0	0	0	0	0	15	22	19	19	13	0	0	0	0	0
Jefferson	5	6	5	12	4	23	28	36	16	10	0	1	2	0	0
Knox	1	0	0	2	0	5	12	6	11	5	1	1	0	0	0
Lake	2	3	2	4	5	82	67	82	47	40	2	3	3	2	1
Lawrence	1	1	1	3	2	36	63	38	30	22	0	0	0	1	0

TABLE 9.
Number of Unintentional Drug Overdose Deaths by Race/Ethnicity and County of Residence, Ohio, 2020-2024 (Continued)

County	Black, Non-Hispanic					White, Non-Hispanic					Hispanic				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Licking	5	4	1	2	2	50	57	55	38	25	0	1	0	0	0
Logan	0	0	2	0	0	11	4	11	6	8	0	0	0	0	0
Lorain	9	17	15	15	15	121	112	99	92	43	9	13	10	10	7
Lucas	49	64	55	53	50	188	147	152	154	98	20	12	15	14	15
Madison	0	2	1	2	0	10	13	10	9	5	0	0	0	0	0
Mahoning	28	39	49	37	28	92	96	89	95	64	9	11	11	8	8
Marion	4	2	2	8	0	34	30	36	36	17	0	0	0	0	2
Medina	1	1	0	2	1	37	36	25	24	19	0	1	0	1	0
Meigs	0	0	0	0	0	19	19	22	12	14	0	0	0	0	0
Mercer	0	0	0	0	0	6	3	4	6	5	0	0	0	0	0
Miami	1	1	1	0	1	35	21	19	23	16	0	0	1	2	0
Monroe	0	0	0	0	0	2	4	1	0	1	0	0	0	0	0
Montgomery	87	71	66	72	32	212	225	213	184	131	4	5	4	11	1
Morgan	1	0	0	0	0	6	1	4	5	2	0	0	0	0	0
Morrow	0	0	1	0	0	16	12	8	7	5	0	0	1	0	0
Muskingum	1	2	3	1	4	39	32	26	21	24	0	0	1	1	0
Noble	0	0	0	0	0	2	4	5	1	0	0	0	0	0	0
Ottawa	0	1	0	0	1	11	10	13	5	10	0	0	0	0	1
Paulding	0	0	0	1	0	1	1	4	2	0	1	1	0	0	0
Perry	0	0	0	1	0	16	21	13	14	11	1	0	0	0	0
Pickaway	1	1	0	0	2	30	19	31	19	14	0	0	0	0	0
Pike	0	0	1	0	0	21	18	20	18	10	0	0	0	0	0
Portage	2	5	3	3	4	32	39	34	26	26	0	0	0	0	0
Preble	0	0	1	1	0	17	13	16	12	8	0	0	0	0	0
Putnam	0	0	0	0	0	2	2	2	0	2	0	0	0	1	0
Richland	5	13	5	6	9	55	66	57	32	38	1	1	1	0	1
Ross	5	7	4	5	2	50	48	56	44	32	0	0	0	0	0
Sandusky	0	2	3	4	0	9	20	18	12	9	2	2	2	2	2
Scioto	6	1	4	1	1	99	78	81	80	46	0	0	0	0	0
Seneca	2	1	1	1	0	22	16	16	13	5	1	3	1	2	0
Shelby	0	2	0	1	0	17	11	9	11	8	0	0	0	0	0
Stark	17	25	19	26	16	100	114	122	127	85	1	1	0	3	2
Summit	42	47	54	56	31	165	162	172	153	98	3	1	2	6	1
Trumbull	11	24	24	21	6	114	95	93	102	60	0	1	2	1	0
Tuscarawas	1	0	1	0	1	27	28	22	23	10	0	1	0	0	0
Union	1	0	0	0	0	11	6	10	6	6	0	2	0	1	0
Van Wert	0	0	0	1	0	7	4	10	3	10	0	1	1	0	0
Vinton	0	0	0	0	0	10	14	18	10	4	0	0	0	0	0
Warren	3	4	2	1	0	52	57	40	32	16	0	2	1	0	0
Washington	0	0	1	1	0	16	18	25	16	5	0	0	0	0	0
Wayne	2	1	2	1	1	27	38	30	19	9	0	1	0	0	0
Williams	0	1	0	0	0	8	6	5	10	7	0	2	0	0	0
Wood	1	0	3	1	2	23	31	10	14	9	4	0	3	2	0
Wyandot	0	1	0	0	0	5	5	1	1	2	0	1	0	0	0

TABLE 10. Number of Unintentional Drug Overdose Deaths by Opioid Drug Categories and County of Residence, Ohio, 2020-2024

County	Fentanyl					Heroin					Natural and Semi-Synthetic Opioids				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Adams	7	7	12	7	6	2	2	2	1	0	2	0	0	0	0
Allen	20	20	31	23	23	2	0	1	0	1	3	4	3	2	1
Ashland	10	3	4	8	2	1	1	0	1	1	1	0	1	3	2
Ashtabula	35	27	25	24	4	2	1	0	1	0	2	2	1	0	0
Athens	10	16	24	19	9	4	6	3	0	0	3	7	1	2	2
Auglaize	2	7	4	4	3	0	0	0	0	0	0	0	0	0	0
Belmont	17	10	15	20	16	3	0	0	0	0	3	2	2	3	0
Brown	13	20	18	19	11	2	2	2	2	0	3	1	3	1	2
Butler	174	170	171	115	62	8	2	0	1	0	13	6	7	10	6
Carroll	5	0	3	3	5	0	0	0	0	1	2	0	0	1	1
Champaign	14	11	5	5	4	2	0	0	0	0	1	1	0	1	0
Clark	48	68	56	48	18	3	2	1	1	0	3	7	7	8	1
Clermont	58	67	58	43	27	9	4	3	0	0	7	6	6	7	1
Clinton	17	18	15	15	9	1	1	0	0	0	0	0	5	0	0
Columbiana	15	13	3	6	3	4	0	0	0	0	3	0	2	1	1
Coshocton	12	9	4	9	6	0	0	0	0	0	1	0	0	0	0
Crawford	11	6	9	11	9	3	0	1	0	0	1	0	0	1	2
Cuyahoga	398	456	467	426	257	45	33	25	23	9	43	69	44	34	23
Darke	16	12	12	8	3	0	0	0	0	0	0	1	3	0	0
Defiance	9	6	8	4	2	2	0	0	0	0	0	3	0	1	1
Delaware	25	30	24	17	15	1	0	0	0	0	3	0	5	1	1
Erie	22	17	22	13	10	2	2	0	0	1	4	2	1	3	1
Fairfield	40	51	47	34	26	4	6	0	0	0	9	11	7	9	0
Fayette	11	10	14	5	3	0	0	0	0	0	0	0	2	0	1
Franklin	699	699	641	590	362	19	2	1	1	0	69	52	54	56	38
Fulton	10	8	9	7	3	2	1	0	1	0	2	1	0	1	1
Gallia	25	15	19	11	11	6	2	0	1	1	8	1	2	1	2
Geauga	10	12	6	11	5	1	2	1	0	0	1	3	0	1	1
Greene	38	43	37	29	12	2	0	0	0	1	1	5	3	2	2
Guernsey	7	8	9	10	4	1	1	1	1	0	3	3	3	1	0
Hamilton	302	334	276	254	144	21	15	8	8	6	22	24	25	13	10
Hancock	18	16	24	13	4	0	0	1	0	0	0	0	0	0	0
Hardin	5	14	11	5	5	2	2	0	0	0	2	1	2	1	1
Harrison	0	1	2	2	0	0	0	0	0	0	1	0	2	0	0
Henry	4	5	4	5	0	0	1	0	0	0	0	1	0	1	0
Highland	11	15	14	3	5	2	0	1	0	0	0	3	5	0	0
Hocking	3	14	17	15	4	1	2	0	0	0	1	2	2	2	2
Holmes	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0
Huron	29	22	9	13	2	5	4	2	0	0	2	0	1	0	0
Jackson	10	6	10	10	4	0	0	1	0	0	0	1	1	0	1
Jefferson	5	11	16	10	8	3	0	1	1	0	2	2	1	2	1
Knox	6	9	4	9	3	0	0	0	0	0	1	3	1	0	0
Lake	74	61	72	43	34	8	3	8	1	0	8	10	12	6	4
Lawrence	26	49	33	28	17	2	3	3	0	1	7	8	9	3	1

TABLE 10.
Number of Unintentional Drug Overdose Deaths by Opioid Drug Categories and County of Residence, Ohio, 2020-2024 (Continued)

County	Fentanyl					Heroin					Natural and Semi-Synthetic Opioids				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Licking	42	40	44	30	21	2	0	0	0	0	4	1	0	1	3
Logan	8	4	10	4	4	0	0	0	0	0	1	0	2	0	2
Lorain	117	119	102	97	44	16	4	2	7	2	25	19	17	12	4
Lucas	219	188	183	201	115	9	4	1	0	3	15	19	17	11	22
Madison	6	12	11	6	4	1	1	0	1	1	3	1	0	0	0
Mahoning	112	133	128	120	74	6	4	2	5	3	24	14	7	6	8
Marion	32	23	33	36	12	2	0	1	0	0	5	3	3	1	0
Medina	32	32	21	22	12	6	2	1	0	0	3	5	4	0	3
Meigs	13	11	17	9	12	7	2	0	1	0	2	1	1	2	0
Mercer	2	1	3	4	0	0	0	0	0	0	0	0	0	1	0
Miami	28	18	20	19	10	0	1	0	2	0	2	1	2	0	2
Monroe	1	0	1	0	1	1	0	0	0	0	1	0	0	0	0
Montgomery	259	242	234	217	110	14	12	5	3	3	9	10	16	16	8
Morgan	2	1	4	4	0	1	0	0	0	0	0	0	1	0	0
Morrow	10	10	9	6	3	4	1	0	0	0	1	1	0	1	0
Muskingum	21	23	24	18	17	2	0	0	0	1	9	4	2	3	4
Noble	1	3	1	0	0	0	0	0	0	0	0	0	1	0	0
Ottawa	9	9	11	5	9	0	3	0	0	2	0	1	3	0	2
Paulding	1	2	4	2	0	0	0	1	0	0	1	0	0	0	0
Perry	10	18	12	12	7	4	2	0	1	0	1	0	0	0	1
Pickaway	26	17	25	15	11	4	1	1	0	0	3	1	4	2	1
Pike	9	7	8	4	7	2	1	0	0	0	1	0	1	1	0
Portage	22	38	29	21	20	0	1	0	0	0	5	2	4	3	8
Preble	11	11	14	12	6	2	0	0	0	0	1	1	0	1	1
Putnam	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Richland	54	68	50	34	42	5	8	0	0	0	3	3	4	0	5
Ross	46	45	50	38	21	1	0	2	0	0	7	6	1	3	2
Sandusky	5	19	21	13	9	1	0	1	0	0	2	2	0	2	1
Scioto	93	64	74	70	34	6	2	2	2	1	2	3	6	2	4
Seneca	8	9	7	13	5	8	1	0	0	0	1	1	1	3	0
Shelby	16	10	6	11	4	0	0	0	0	0	2	1	0	0	2
Stark	87	96	85	84	43	3	0	0	1	0	11	16	16	14	8
Summit	187	180	193	178	99	9	0	1	0	1	14	6	8	6	4
Trumbull	115	108	105	104	51	8	0	1	5	5	3	7	8	13	12
Tuscarawas	25	22	17	17	8	2	1	0	0	1	6	3	1	3	2
Union	11	5	6	6	4	1	0	0	1	0	1	2	1	1	0
Van Wert	6	3	10	4	7	0	0	0	0	0	0	1	1	0	1
Vinton	7	10	14	8	3	1	2	0	0	0	1	0	0	0	0
Warren	46	49	37	24	9	2	0	1	1	0	4	3	3	1	2
Washington	14	16	20	15	3	0	3	1	1	0	0	2	2	2	0
Wayne	23	33	32	19	6	0	1	0	0	0	3	5	0	1	1
Williams	5	6	3	8	7	1	1	0	0	1	0	1	0	0	0
Wood	19	26	14	15	10	2	0	0	0	0	2	2	2	1	1
Wyandot	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0

TABLE 11.
 Number of Unintentional Drug Overdose Deaths by Non-Opioid Drug Categories and County of Residence, Ohio, 2020-2024

County	Cocaine					Psychostimulants					Benzodiazepines				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Adams	1	0	0	1	0	3	8	8	2	4	0	0	0	0	1
Allen	6	7	11	12	6	4	5	9	9	9	3	2	1	0	0
Ashland	3	3	2	3	1	2	1	0	4	0	1	0	0	1	1
Ashtabula	0	7	2	7	4	7	8	6	9	4	3	3	0	0	1
Athens	2	3	2	3	1	7	14	9	14	4	0	0	0	0	2
Auglaize	0	0	1	0	0	0	2	2	0	1	0	0	0	0	0
Belmont	5	2	4	4	5	6	4	7	8	4	6	2	1	2	2
Brown	0	3	1	2	3	4	11	13	12	4	1	2	0	0	0
Butler	44	36	32	35	30	67	71	104	72	43	7	4	12	13	10
Carroll	1	0	1	2	3	3	0	3	3	3	0	0	0	0	3
Champaign	2	6	3	3	2	4	3	2	4	3	0	1	0	0	0
Clark	17	28	30	23	10	16	24	18	13	10	0	1	1	1	0
Clermont	12	13	10	16	11	20	22	26	27	11	9	6	6	8	2
Clinton	0	2	1	0	3	11	12	15	11	9	0	1	1	0	1
Columbiana	7	4	1	3	1	5	6	3	7	1	6	0	0	2	0
Coshocton	2	1	0	1	0	5	4	4	2	3	2	0	0	2	1
Crawford	2	0	2	1	1	3	4	2	5	5	2	0	0	1	1
Cuyahoga	173	247	252	316	209	61	98	86	87	70	78	93	84	85	49
Darke	2	2	0	0	1	6	8	10	5	1	2	2	0	2	0
Defiance	0	0	3	1	2	3	3	5	1	2	1	1	0	0	1
Delaware	6	12	6	8	5	4	9	6	6	2	5	3	3	2	1
Erie	3	3	3	5	5	4	4	3	7	4	1	1	2	2	0
Fairfield	9	11	11	9	13	18	33	28	27	17	3	12	4	8	3
Fayette	1	1	4	1	0	7	7	5	4	4	1	1	0	0	0
Franklin	262	322	377	365	229	116	134	126	125	87	47	44	33	49	40
Fulton	1	1	2	3	3	3	1	1	1	2	1	0	0	1	1
Gallia	0	0	1	4	0	14	14	17	11	3	4	3	0	0	1
Geauga	4	5	2	7	2	1	7	5	0	1	4	2	1	2	1
Greene	6	7	13	12	4	9	18	18	12	5	1	2	6	0	1
Guernsey	0	2	4	1	0	1	5	6	6	4	1	0	5	2	1
Hamilton	132	163	151	164	105	57	75	73	75	51	30	35	19	27	9
Hancock	0	3	7	3	1	6	5	7	4	2	0	2	2	0	0
Hardin	0	3	2	2	1	1	3	4	1	2	0	0	0	0	0
Harrison	0	0	1	2	1	0	1	1	2	1	0	2	0	0	0
Henry	2	3	0	1	1	0	1	2	1	2	0	1	0	1	0
Highland	3	0	2	0	1	4	11	8	3	6	3	1	4	1	1
Hocking	1	0	2	1	1	2	10	9	14	7	0	5	0	1	1
Holmes	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0
Huron	5	2	3	5	2	2	7	8	2	2	3	4	2	1	1
Jackson	0	1	0	1	1	7	6	6	8	2	2	0	1	1	1
Jefferson	18	15	21	14	4	3	8	7	6	4	7	6	7	3	1
Knox	3	2	1	2	0	5	7	4	6	4	0	1	1	2	0
Lake	18	18	18	18	20	27	15	23	16	17	12	17	9	8	5
Lawrence	3	6	5	5	2	18	36	18	18	9	5	6	2	6	1

TABLE 11.
 Number of Unintentional Drug Overdose Deaths by Non-Opioid Drug Categories and County of Residence, Ohio, 2020-2024 (Continued)

County	Cocaine					Psychostimulants					Benzodiazepines				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Licking	6	10	6	6	2	7	14	14	15	7	2	1	0	0	3
Logan	2	1	3	0	2	1	1	1	1	0	0	0	0	0	1
Lorain	39	46	59	52	37	27	22	26	26	11	26	24	18	18	12
Lucas	65	56	77	113	82	9	12	17	27	23	14	9	8	11	13
Madison	0	7	4	2	1	3	2	3	5	1	1	1	0	0	0
Mahoning	50	73	82	82	53	16	29	29	23	18	24	25	22	17	16
Marion	7	3	11	14	7	9	10	11	12	9	3	0	4	2	1
Medina	5	8	5	4	6	6	15	7	9	7	5	3	3	4	5
Meigs	0	1	1	2	3	11	14	13	10	9	0	3	2	1	1
Mercer	0	0	1	0	0	2	1	0	2	2	0	0	0	0	0
Miami	2	6	7	1	3	16	4	3	6	8	2	1	2	0	0
Monroe	0	0	0	0	0	0	1	1	0	1	2	1	0	0	0
Montgomery	92	97	92	79	37	83	85	79	69	50	15	14	11	14	8
Morgan	0	0	2	0	0	1	1	1	3	0	0	0	0	1	0
Morrow	5	1	1	0	0	6	7	6	3	1	1	0	0	0	0
Muskingum	8	4	6	7	4	13	17	19	11	15	0	1	3	2	2
Noble	0	1	0	0	0	1	4	1	1	0	0	1	2	1	0
Ottawa	1	1	1	1	3	0	0	4	2	5	1	2	1	1	2
Paulding	0	1	0	1	0	1	1	2	1	0	0	0	0	0	0
Perry	0	0	0	2	1	8	12	5	7	6	3	1	0	0	3
Pickaway	7	3	10	6	1	13	8	8	6	3	2	0	1	2	1
Pike	0	0	1	2	2	7	4	3	6	5	1	0	0	0	0
Portage	8	7	10	8	7	10	10	16	12	6	2	1	1	4	2
Preble	0	1	1	1	1	7	7	9	9	3	0	0	2	0	0
Putnam	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0
Richland	18	27	30	16	24	9	29	20	15	17	5	3	2	0	1
Ross	16	13	14	11	7	21	27	32	27	22	8	6	7	7	1
Sandusky	0	3	4	4	3	1	7	4	9	2	0	0	2	0	0
Scioto	11	10	6	15	4	48	34	43	48	17	5	2	5	1	0
Seneca	2	2	4	8	1	2	1	2	2	3	0	0	0	3	0
Shelby	1	2	1	1	2	12	5	2	4	2	0	2	1	0	1
Stark	36	57	52	70	51	30	53	53	67	42	25	33	33	15	12
Summit	35	44	52	64	42	64	75	92	82	59	2	4	1	9	9
Trumbull	38	47	62	70	41	16	16	29	38	17	6	7	7	18	7
Tuscarawas	1	5	4	2	4	6	13	9	10	4	2	1	4	3	2
Union	3	1	2	2	3	1	1	2	2	0	0	2	1	1	0
Van Wert	0	0	1	1	1	1	3	6	0	6	0	1	0	0	1
Vinton	1	0	2	2	0	5	5	5	4	2	1	0	3	0	1
Warren	9	11	13	7	3	16	25	15	12	7	5	4	2	2	2
Washington	1	1	2	1	0	9	11	19	11	5	1	1	2	1	0
Wayne	1	3	2	6	1	12	15	18	7	5	1	5	3	2	0
Williams	0	0	0	1	3	3	5	1	7	5	1	0	0	0	0
Wood	4	6	3	6	4	0	3	2	2	3	3	2	0	1	0
Wyandot	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0

Note:

Coroners have up to six months to complete death investigations. Due to reporting timelines and the processing of Ohio mortality records by ODH Bureau of Vital Statistics and the Centers for Disease Control and Prevention's National Center for Health Statistics, Ohio mortality data for 2024 was finalized Feb. 11, 2026.

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