



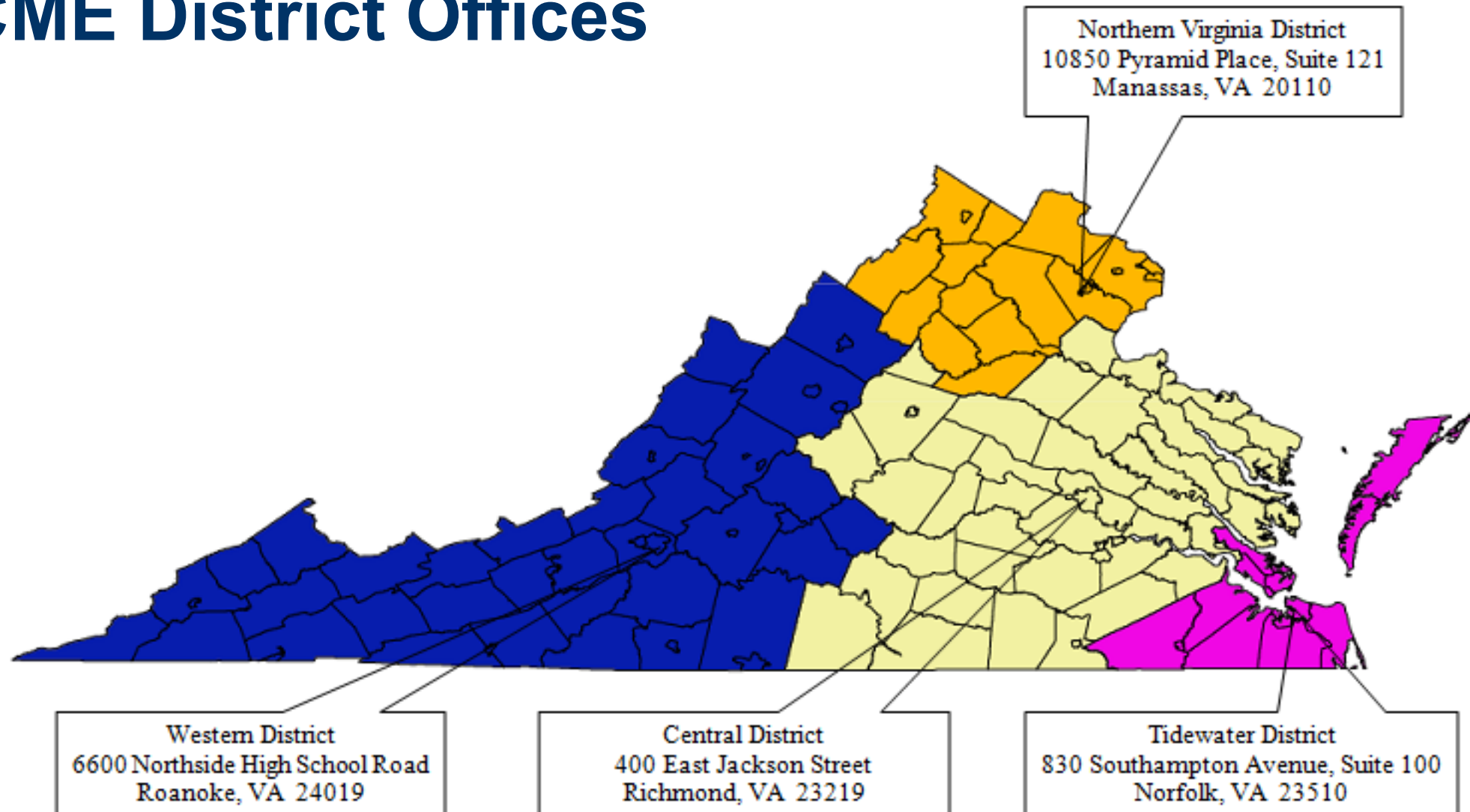
# Fatal Drug Overdose Quarterly Report

4<sup>th</sup> Quarter, 2025

**Edition 2025.4**

Publication Date: April 2026

# OCME District Offices



# Methods, Considerations, and Limitations

This quarterly report contains the most recent number of drug related deaths in Virginia for the previous quarter. The numbers represented in this report are preliminary, subject to change, and are most likely slightly under reported at the time of publication due to operational practices and limitations (specifically case turnaround time for reports) within the agency; therefore, updates and/or changes to numbers previously published in past reports should be expected. It is highly recommended that when citing these data and reports, the edition number is included.

Data analyzed in the report is obtained from the Virginia Medical Examiner Database System (VMEDS). VMEDS is an internal agency database which contains detailed information on all deaths reported to the OCME. Data presented in this report is based upon accepted cases of either full autopsy or external exams. All manners of fatal drug overdoses (accident, homicide, suicide, and undetermined) are included in this report.

Due to the nature of law enforcement and OCME death investigation, all deaths presented in this report are based upon locality of occurrence and not residential status of the decedent. The numbers and rates of these death by locality of injury and drug name/drug category are available in separate documents (<http://www.vdh.virginia.gov/medical-examiner/forensic-epidemiology/>).

# Methods, Considerations, and Limitations

This report compiles data on drugs causing or contributing to death in fatal drug overdose cases. This report does not include data on drugs detected, but not contributing or causing death. Often, drug-related deaths have more than one drug causing or contributing to death. Therefore, deaths in which multiple categories of drugs caused or contributed to death will be represented once within each drug category, but multiple times within the entire report. Example: a fatal cocaine, heroin, and alprazolam overdose death will be counted in the cocaine summary, the heroin summary, and the benzodiazepine summary.

Prescription Opioids analyzed in this report include buprenorphine, codeine, hydrocodone, hydromorphone, levorphanol, meperidine, methadone, morphine, oxycodone, oxymorphone, pentazocine, propoxyphene, tapentadol, and tramadol and are included in the category of 'Prescription Opioids'.

Benzodiazepines analyzed in this report include adinazolam, alprazolam, bromazolam, clonazepam, clonazolam, deschloroetizolam, diazepam, etizolam, flualprazolam, flubromazolam, flubromazepam, flurazepam, lorazepam, meclonazepam, midazolam, nordiazepam, oxazepam, phenazepam, temazepam, and triazolam and are included in the category of 'Benzodiazepines'.

# Methods, Considerations, and Limitations

Projected estimates are calculated based upon initial counts by quarter, average toxicology turnaround time at the time of the report, the date of data analysis, and previous quarter fatality trend review.

Rate calculations are based upon Virginia population estimates. From 2007 to 2020, Bridged-Race Population Estimates from the National Center for Health Statistics were used for rate calculations; however, these estimates were discontinued in 2020. From 2021 forward, rates were calculated using Single-Race Population Estimates from the US Census.

Quarters are based upon calendar year and are defined as follows:

- Quarter 1 (Q1)- January 1st - March 31st
- Quarter 2 (Q2)- April 1st – June 30th
- Quarter 3 (Q3)- July 1st – September 31st
- Quarter 4 (Q4)- October 1st – December 31st

# Main Takeaways

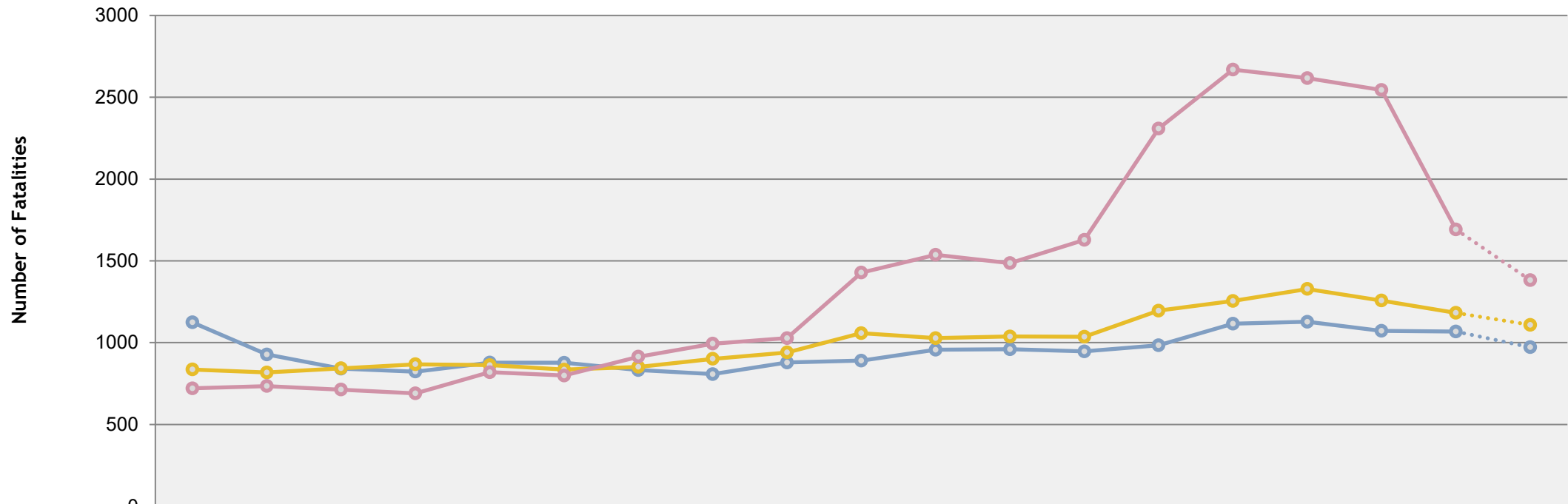
- Fatal drug overdose has been the leading method of unnatural death in Virginia since 2013
- Opioids, specifically illicit fentanyl, have been the driving force behind the large increases in fatal overdoses since 2013
- In 2015 statewide, the number of illicit opioids deaths surpassed prescription (Rx) opioid deaths. This trend continued at a greater magnitude in 2016 to present
- Fatal drug overdoses of any substance peaked in 2021 (n = 2,669) but began to decline in 2022, 2023, and 2024. Preliminary totals for 2025 of all drug overdose deaths, any substance, decreased 18.3% compared to 2024
- From 2007-2021, fatal prescription (Rx) opioid overdoses were relatively stable; however, from 2022 to present, there have been large drops in annual fatal Rx opioid overdoses compared to the past 15-year span
- Fentanyl (prescription, illicit, and/or analogs) caused a preliminary total of 53.7% of all fatal overdoses in 2025
- In 2025, the most common combination of substances causing fatal overdoses was cocaine and fentanyl, representing a preliminary total of 24.5% of all overdose deaths

## **Data for 2025 is Not Final**

**At the time of this analysis, approximately 70 cases from 2025 remained open, awaiting additional reports to certify cause and manner of death. These remaining cases may or may not be fatal drug overdoses and are not represented in this analysis. Therefore, 2025 numbers presented in this report are incomplete, preliminary, and subject to change**

# Top Three Methods of Unnatural Death

**Total Number of Motor Vehicle, Gun, and Drug Related Fatalities by Year of Death, 2007-2025\***



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Motor Vehicle Related	1124	928	841	823	878	877	832	808	879	890	957	960	947	984	1116	1128	1072	1068	972
Gun Related	836	818	843	868	863	835	852	901	940	1058	1028	1038	1036	1196	1255	1328	1257	1182	1109
Fatal Drug Overdose	721	735	713	690	819	799	914	994	1028	1428	1537	1486	1628	2309	2669	2617	2544	1692	1382

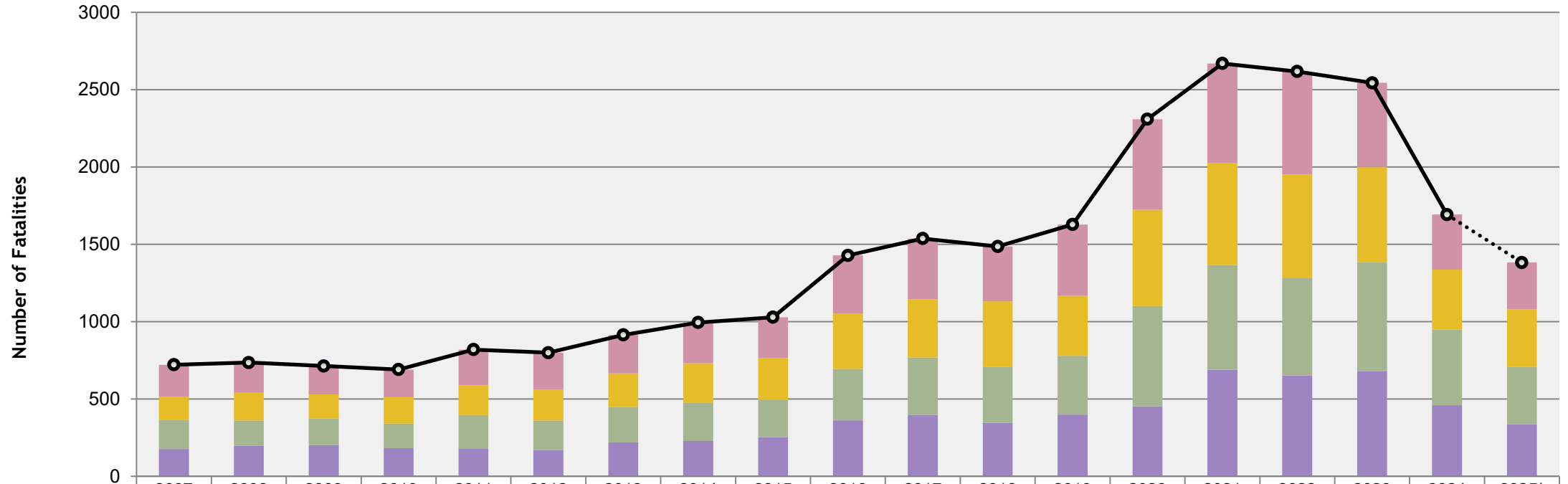
Note: Top three methods of death (motor vehicles, guns, and drugs) include all manners of death (accident, homicide, suicide, and undetermined)

# Top Three Methods of Unnatural Death

Since 2007, the leading methods of unnatural death in Virginia have been motor vehicle collisions, gun-related deaths, and fatal drug overdoses (these methods of death include all manners of death: accident, homicide, suicide, and undetermined). In 2013, fatal drug overdose became the leading method of unnatural death in the Commonwealth. This trend has continued through 2025 due mainly to illicit opioids (heroin, illicit fentanyl, and fentanyl analogs).

# All Drug Deaths, Any Substance

Total Number of Fatal Drug Overdoses by Quarter and Year of Death, 2007-2025\*

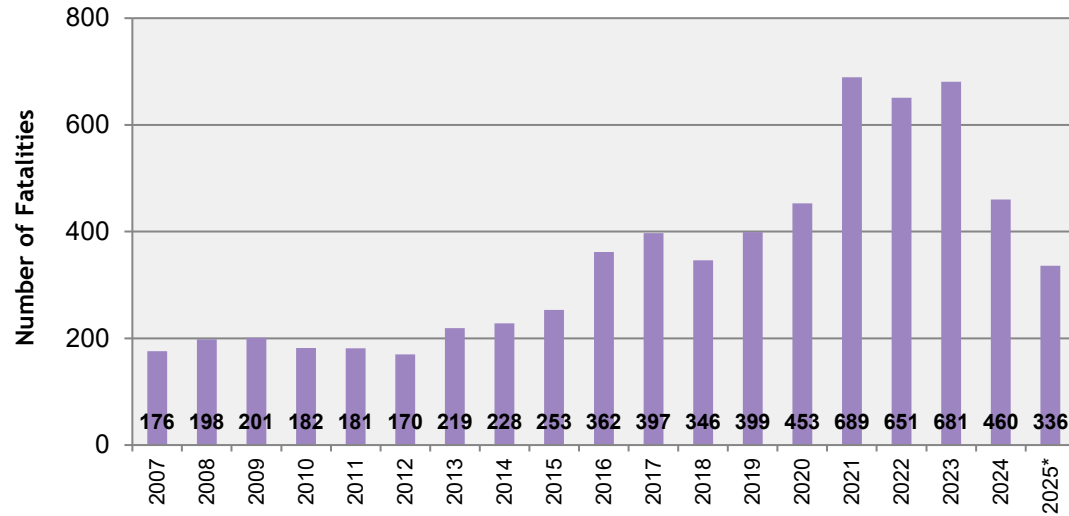


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Q4	205	195	183	179	232	240	248	263	262	375	393	354	460	585	643	666	543	355	302
Q3	152	180	157	170	191	199	217	257	270	359	376	423	389	624	660	667	616	387	371
Q2	188	162	172	159	215	190	230	246	243	332	371	363	380	647	677	633	704	490	373
Q1	176	198	201	182	181	170	219	228	253	362	397	346	399	453	689	651	681	460	336
● Total Fatalities	721	735	713	690	819	799	914	994	1028	1428	1537	1486	1628	2309	2669	2617	2544	1692	1382

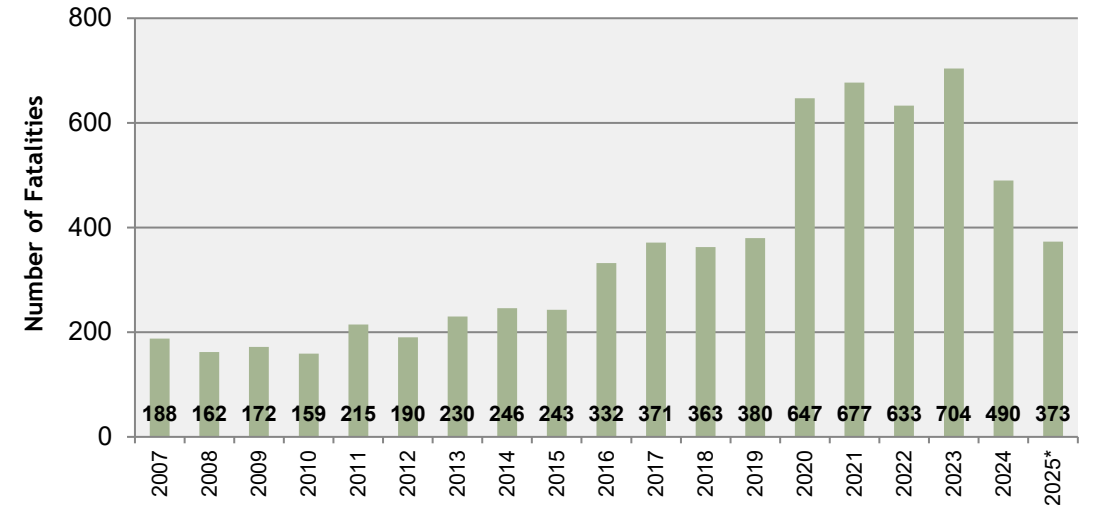
# All Drug Deaths, Any Substance

From 2007 to 2021, generally, the total number of fatal drug overdoses statewide increased each year. In 2013, fatal drug overdose became the number one method of unnatural death in the Commonwealth, surpassing both motor vehicle-related fatalities and gun-related fatalities. In 2014, fatal drug overdose became the leading cause of accidental death in Virginia. The number of fatal drug overdoses of any substance peaked in 2021 with 2,669 deaths, but annual totals from 2022 to present began to decline. The preliminary number of fatal drug overdoses, all substances, decreased by 18.3% in 2025 when compared to 2024.

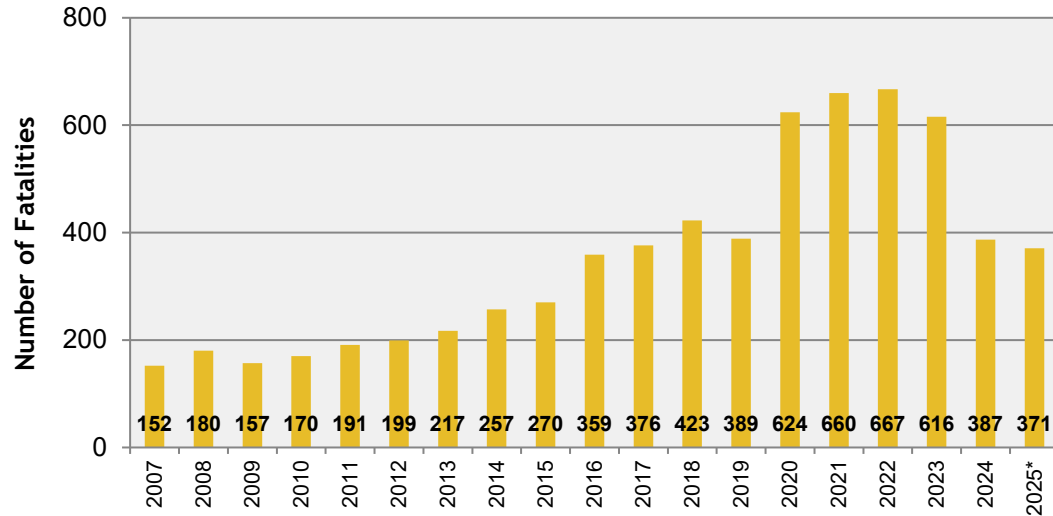
**First Quarter, 2007-2025\***



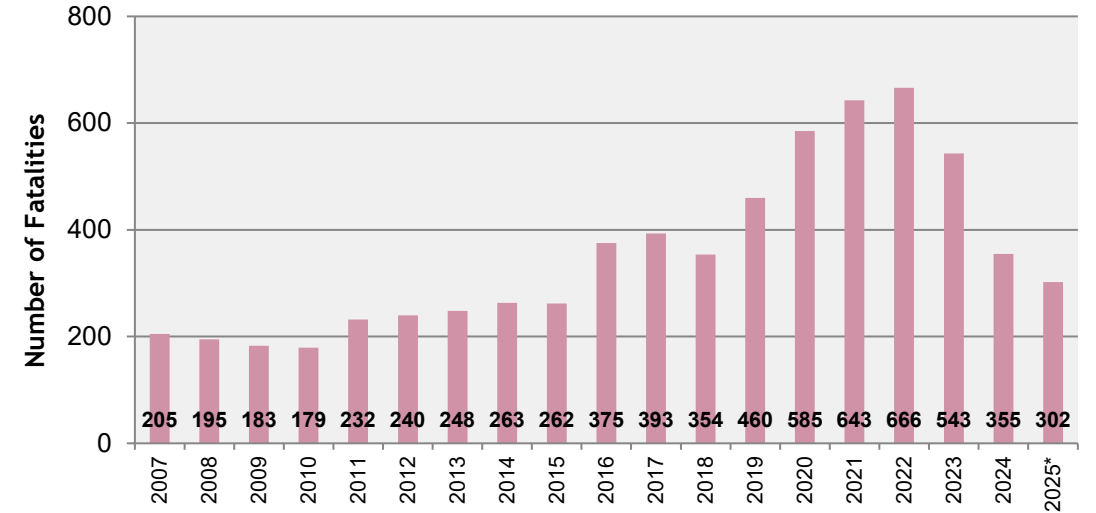
**Second Quarter, 2007-2025\***



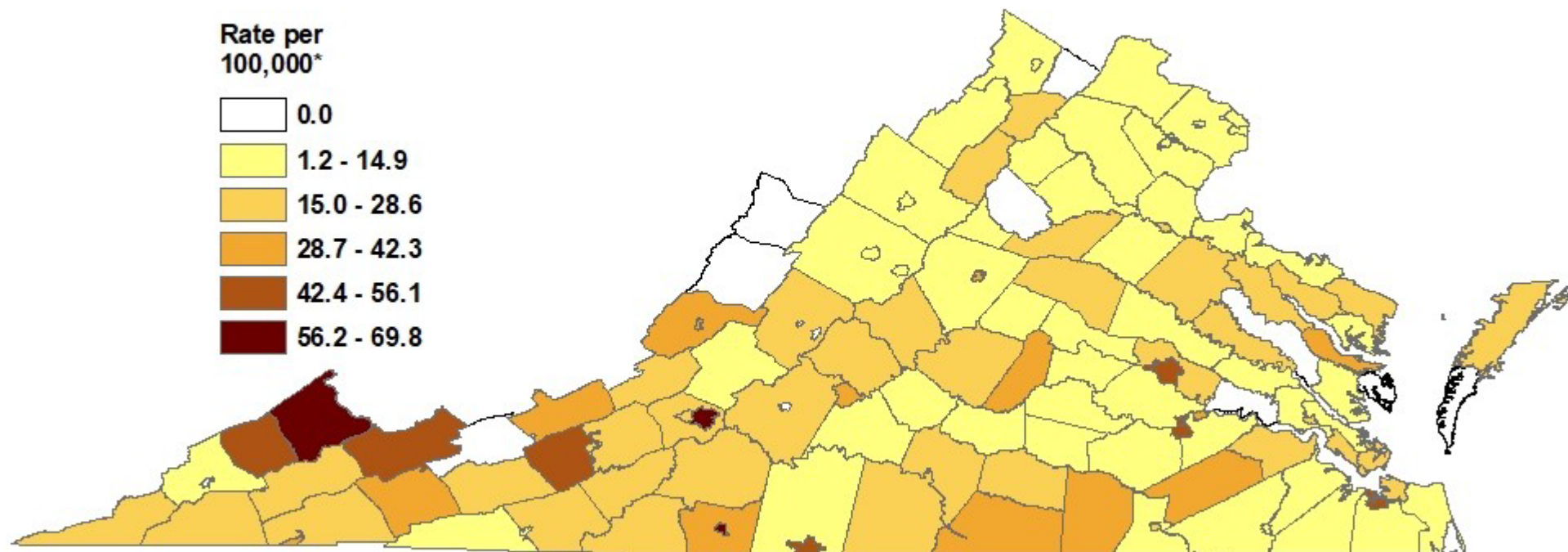
**Third Quarter, 2007-2025\***



**Fourth Quarter, 2007-2025\***



## Rate of All Fatal Drug Overdoses, Any Substance, by Locality of Overdose, 2025\*



Source: Virginia Department of Health, Office of the Chief Medical Examiner

\* Data for 2025 is preliminary and subject to change

\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

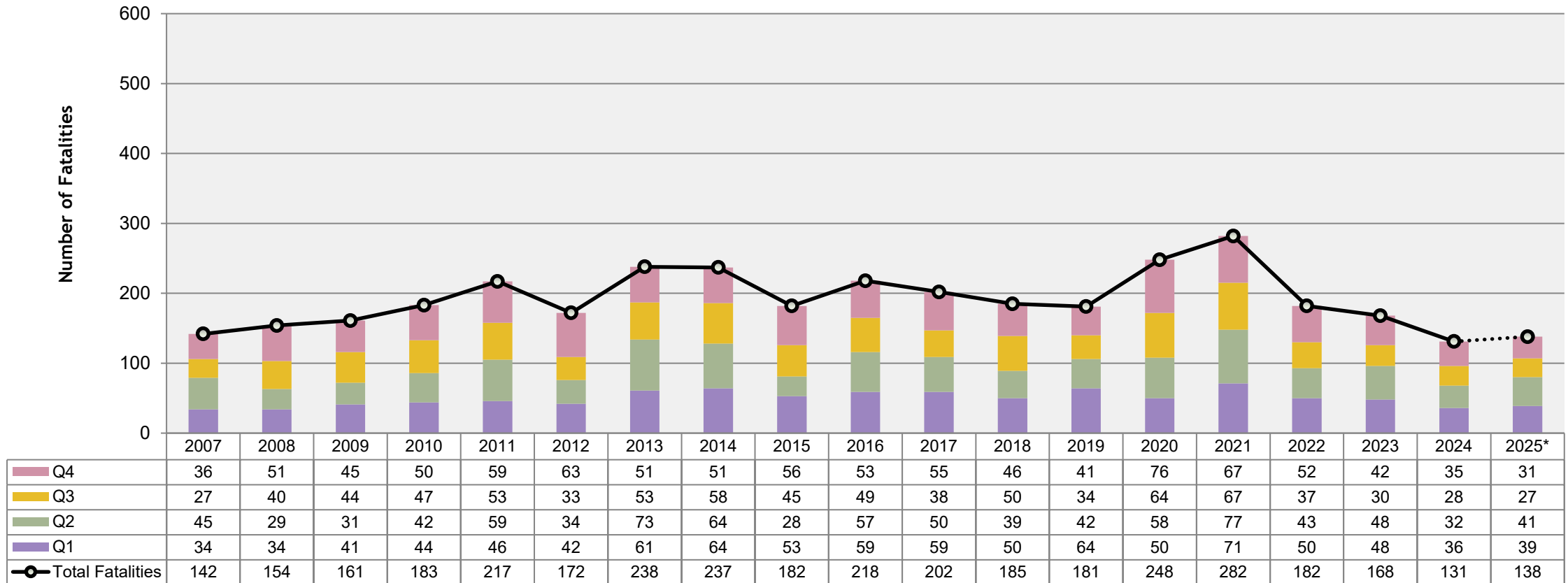
# Fatal Drug Overdoses by Name/Category



- Benzodiazepines
- Cocaine
- Fentanyl
- Heroin
- Prescription Opioids  
(Excluding Fentanyl)

# Benzodiazepines

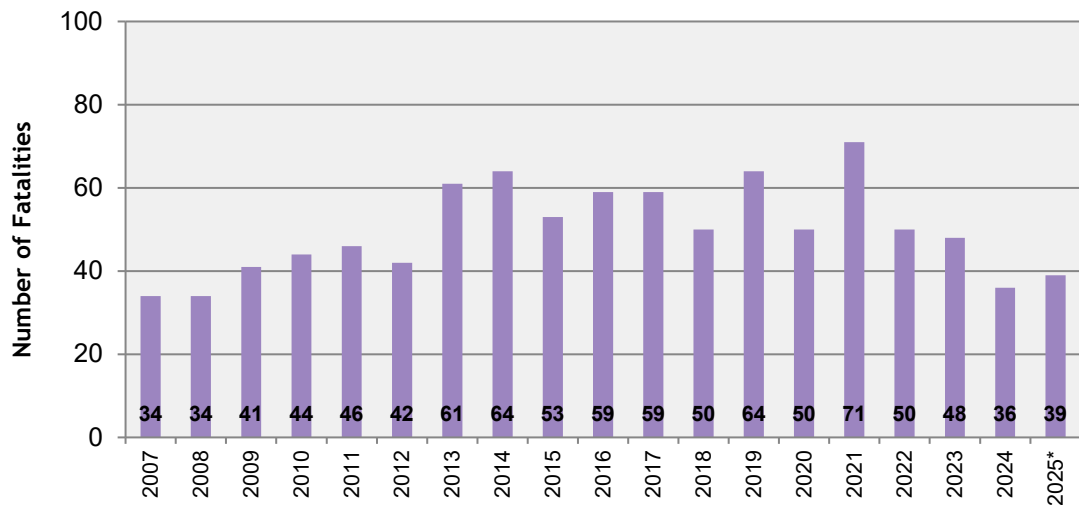
**Total Number of Fatal Benzodiazepine Overdoses by Quarter and Year of Death, 2007-2025\***



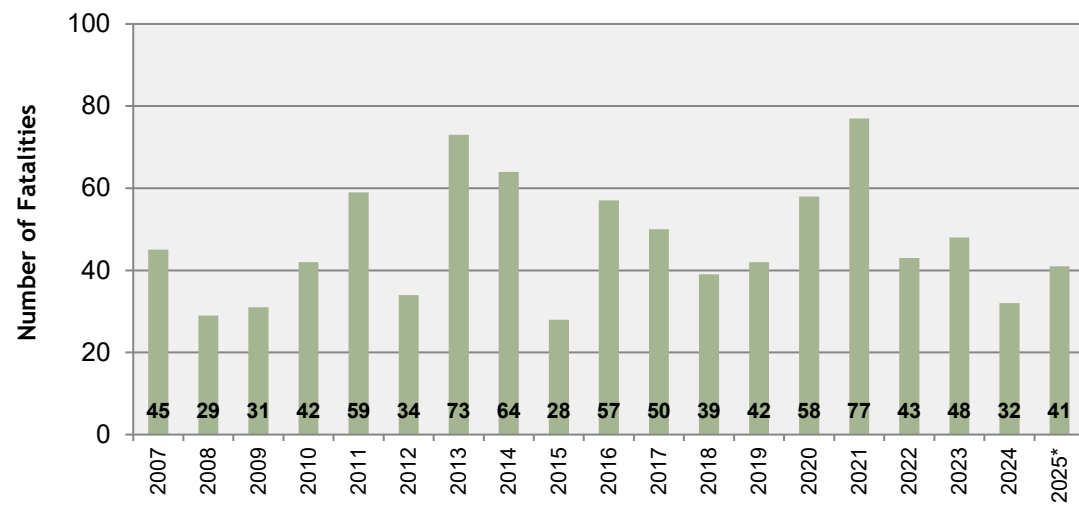
# Benzodiazepines

The number of fatal benzodiazepine-related overdoses has fluctuated each year. It is very uncommon for a decedent to fatally overdose on one or more benzodiazepines alone. However, when a person ingests other substances (e.g. alcohol, opiates, methamphetamine) in addition to larger, nontherapeutic amounts of benzodiazepines, the user is potentially creating a lethal cocktail of mixed substances. Fatal benzodiazepine overdoses often had one or more prescription opioids (excluding fentanyl) causing or contributing to death; however, this proportion has slowly decreased in recent years from nearly 90% in 2007 to about 40% in 2025. Nearly 60% of benzodiazepine overdoses in 2025 also had fentanyl causing death.

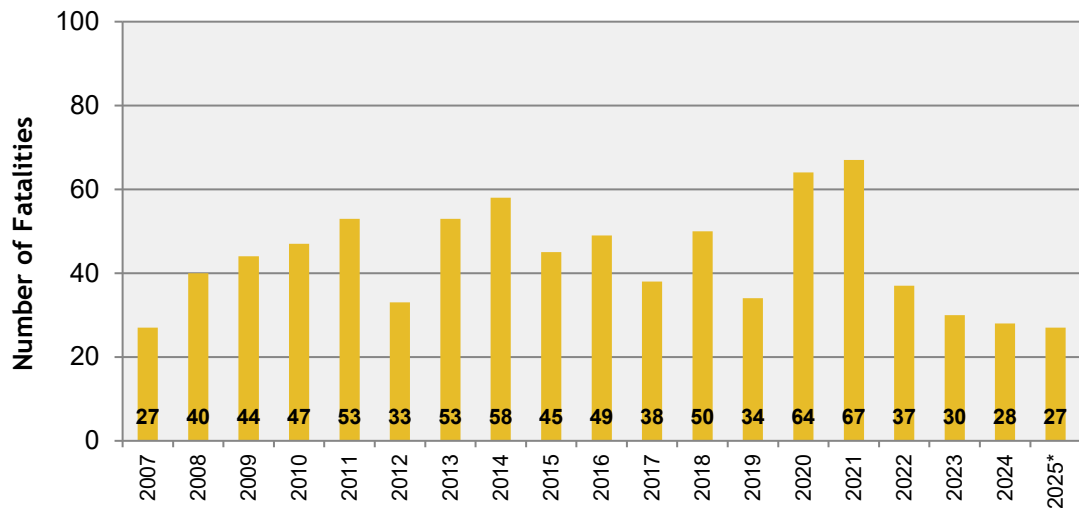
### First Quarter, 2007-2025\*



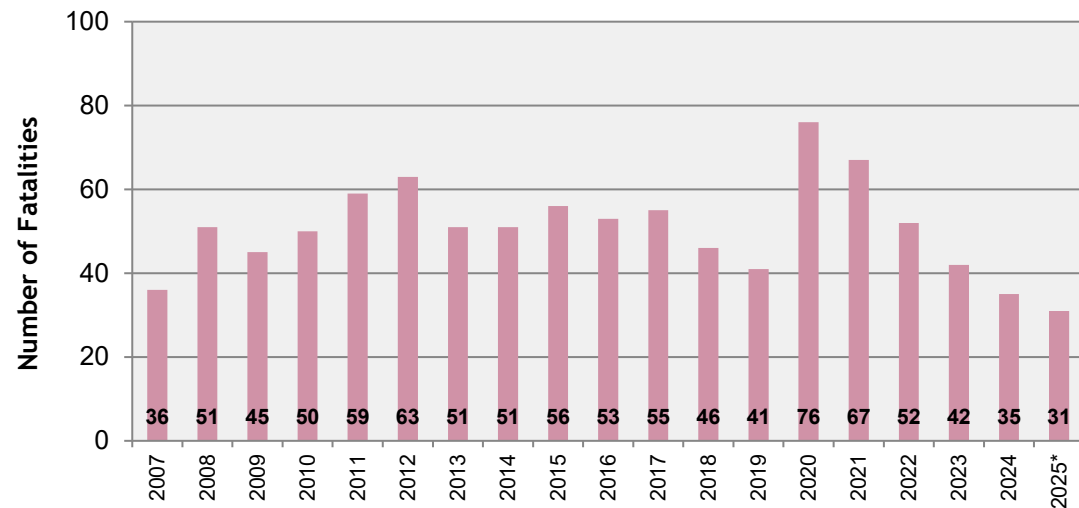
### Second Quarter, 2007-2025\*



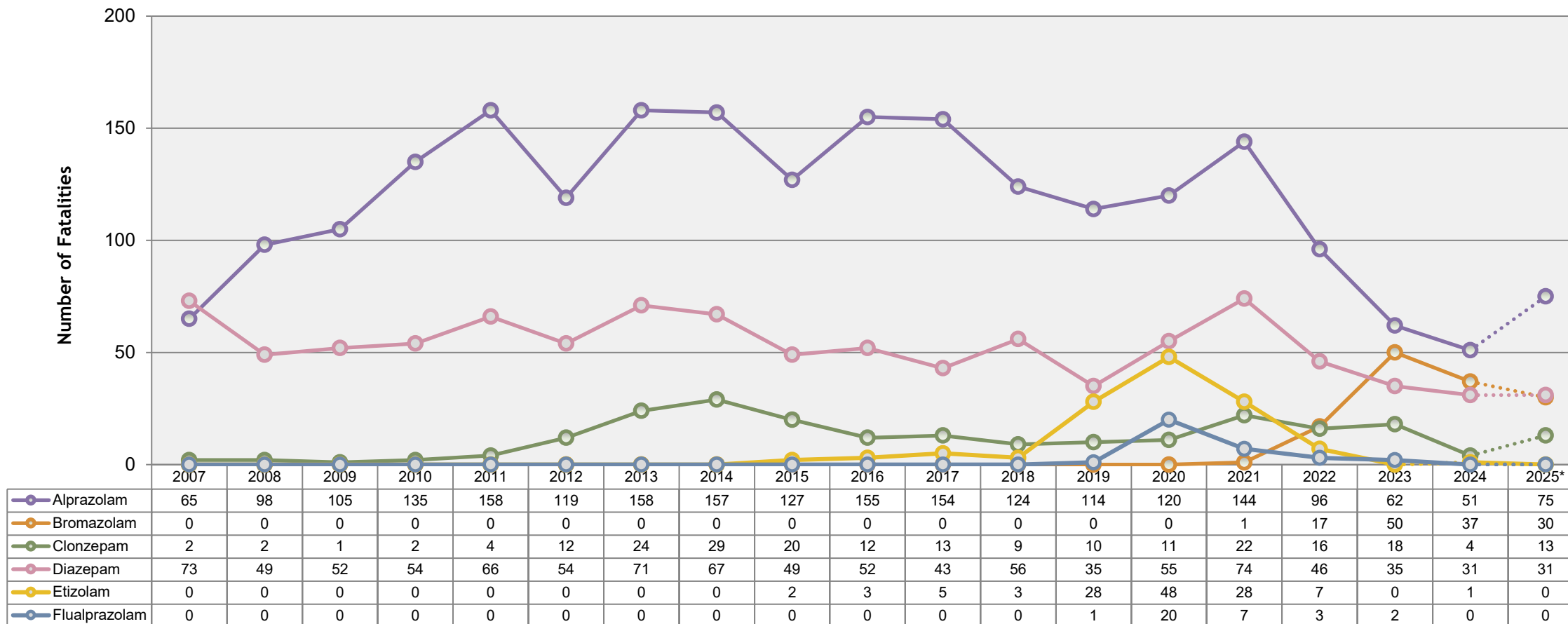
### Third Quarter, 2007-2025\*



### Fourth Quarter, 2007-2025\*

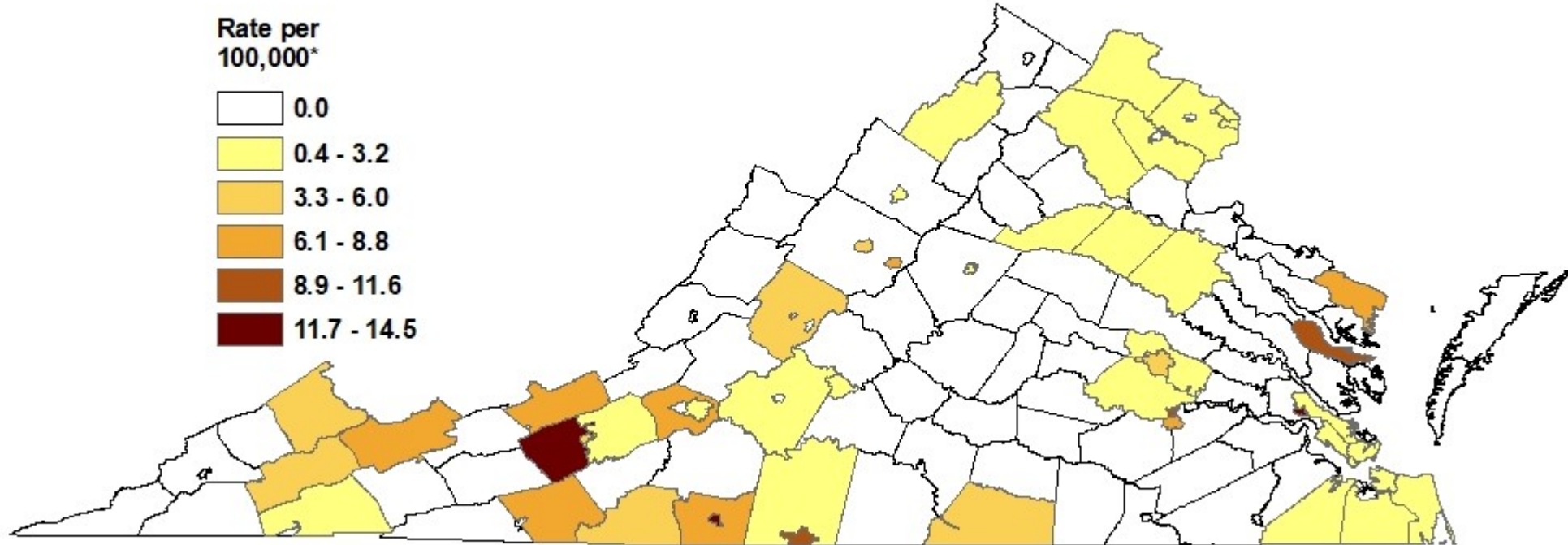


## Total Number of Fatal Benzodiazepine Overdoses by Drug Name and Year of Death, 2007-2025\*



- 1) Flurazepam, lorazepam, midazolam, nordiazepam, oxazepam, temazepam and triazolam were excluded from this analysis because of low annual case counts (<20 deaths per year)
- 2) Each benzodiazepine is tallied by each time it caused or contributed to death (analyzed from either toxicology or the cause of death statement) and therefore the total number of benzodiazepines will far exceed the actual number of fatalities

## Rate of Fatal Benzodiazepine Overdoses by Locality of Overdose, 2025\*



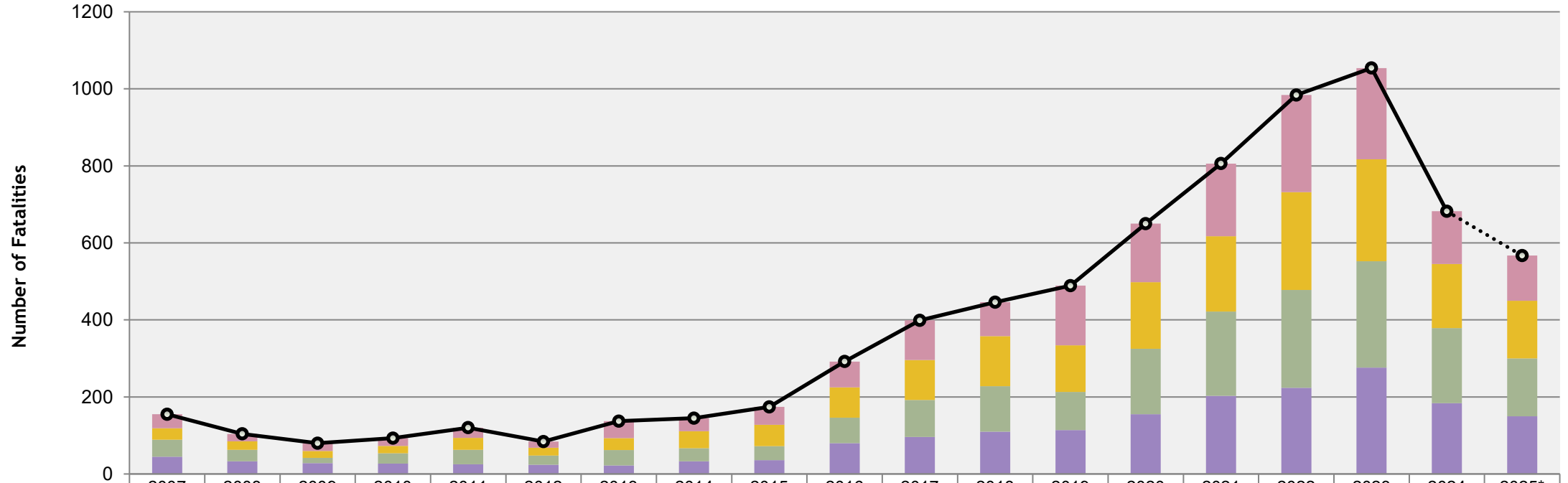
Source: Virginia Department of Health, Office of the Chief Medical Examiner

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\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

# Cocaine

Total Number of Fatal Cocaine Overdoses by Quarter and Year of Death, 2007-2025\*

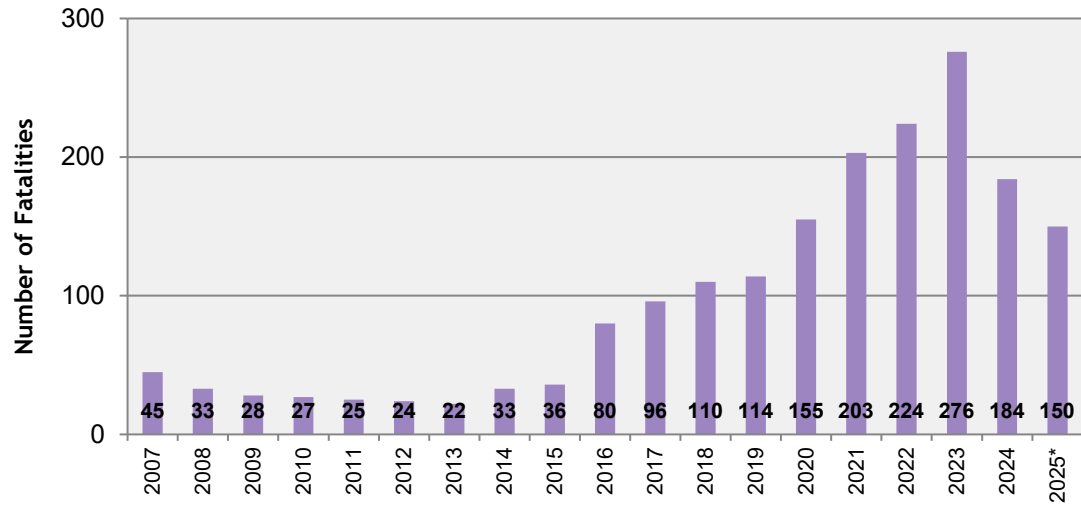


	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Q4	36	19	20	20	26	16	44	34	46	67	103	88	155	152	189	252	237	137	117
Q3	30	22	18	19	31	20	31	44	56	79	104	130	121	173	195	254	265	166	150
Q2	44	30	14	27	38	24	40	34	36	66	96	118	99	170	219	254	276	195	150
Q1	45	33	28	27	25	24	22	33	36	80	96	110	114	155	203	224	276	184	150
Total Fatalities	155	104	80	93	120	84	137	145	174	292	399	446	489	650	806	984	1054	682	567

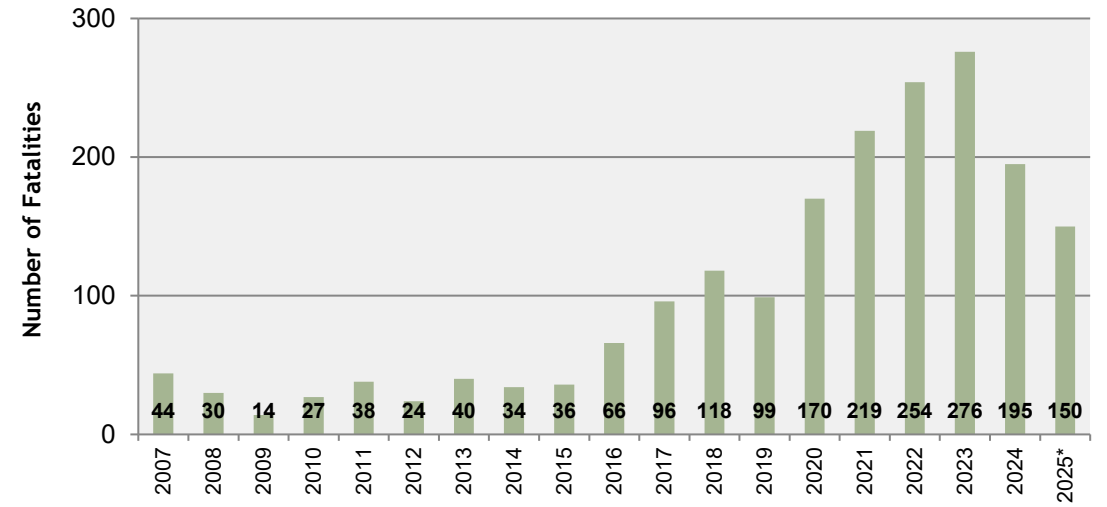
# Cocaine

The total number of fatal cocaine overdoses statewide has been slowly increasing since 2013, peaked in 2023, but dropped substantially in 2024. Nearly 60% of the cocaine overdoses in 2025 also included fentanyl (prescription, illicit, or analogs). The preliminary number of fatal cocaine overdoses in 2025 decreased by 16.9% compared to 2024.

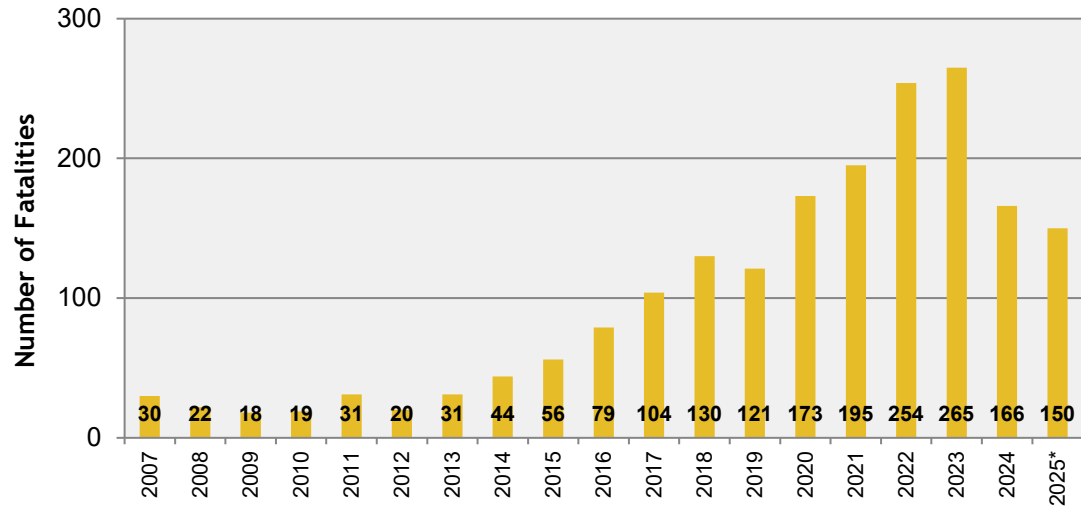
**First Quarter, 2007-2025\***



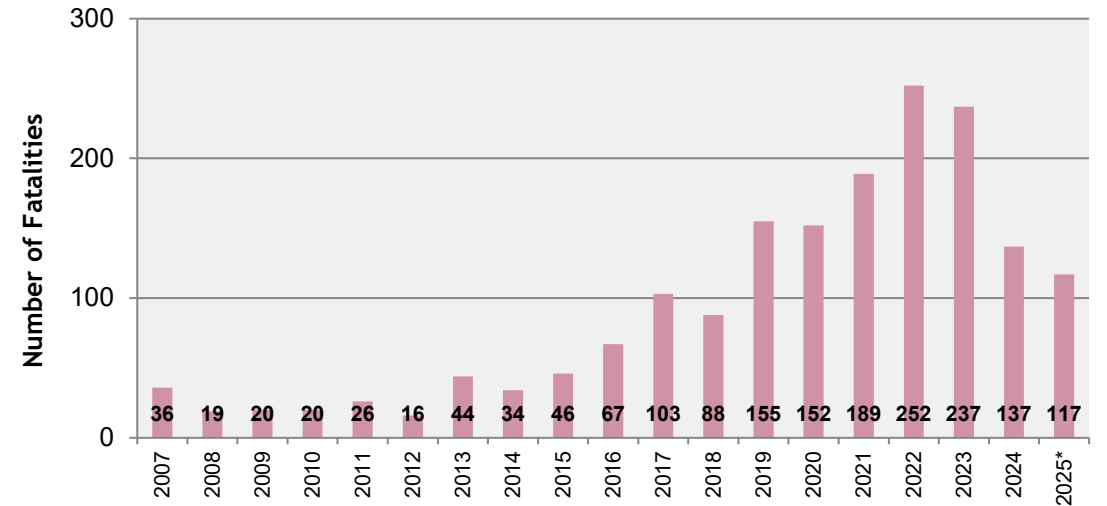
**Second Quarter, 2007-2025\***



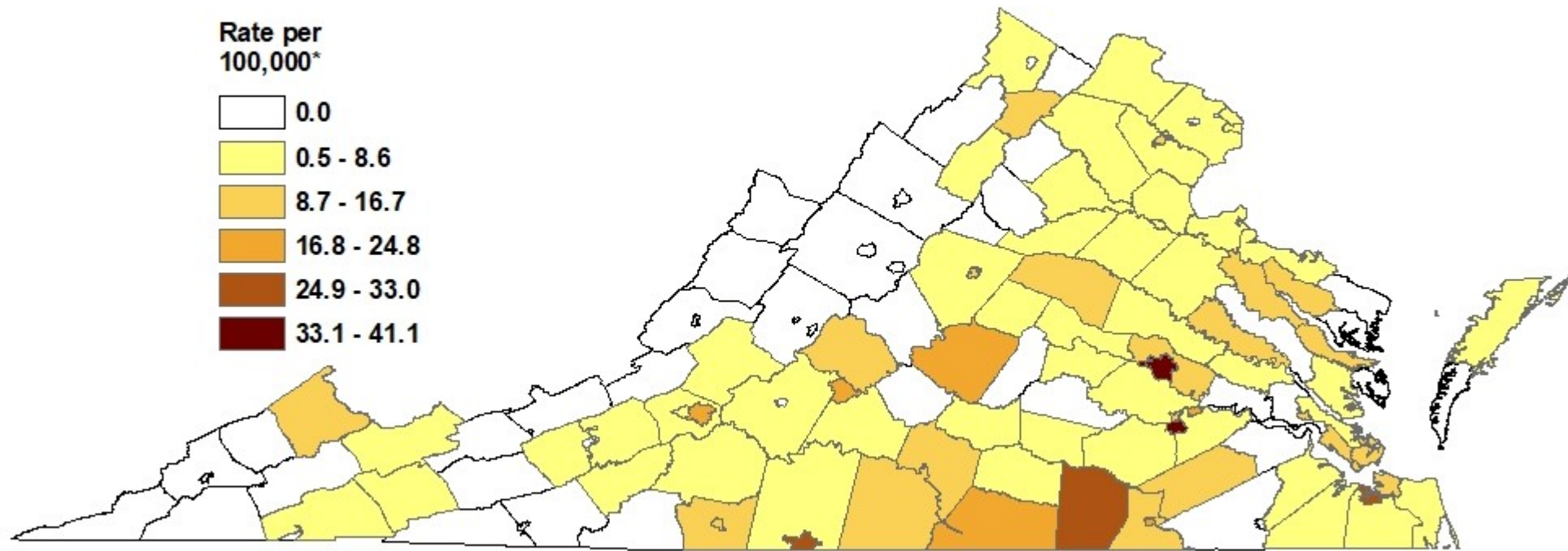
**Third Quarter, 2007-2025\***



**Fourth Quarter, 2007-2025\***



## Rate of Fatal Cocaine Overdoses by Locality of Overdose, 2025\*



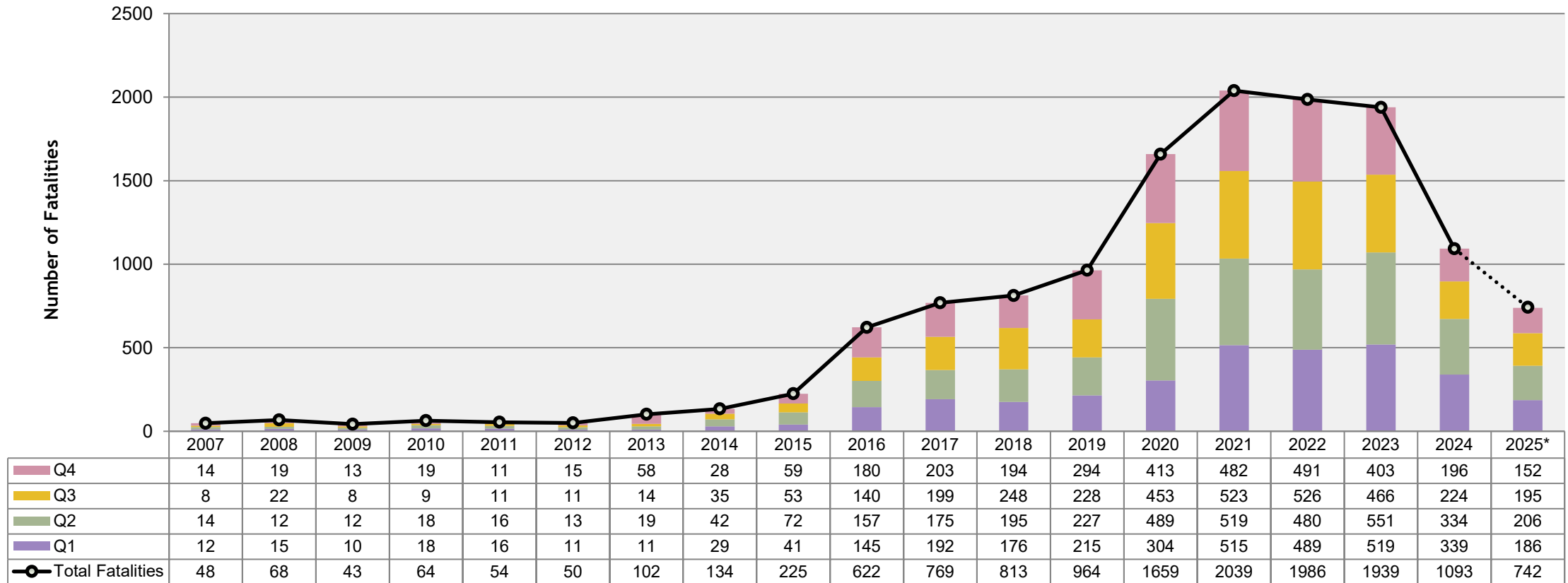
Source: Virginia Department of Health, Office of the Chief Medical Examiner

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\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

# Fentanyl

Total Number of Fatal Fentanyl Overdoses by Quarter and Year of Death, 2007-2025\*

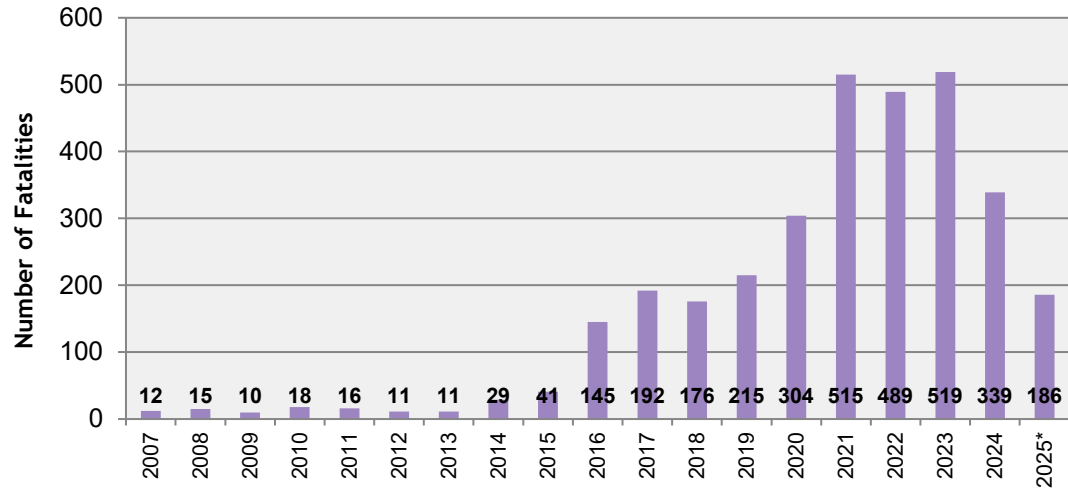


- 1) Historically, fentanyl has been categorized as a prescription opioid because it is mass produced by pharmaceutical companies. However, recent law enforcement investigations and toxicology results have demonstrated that several recent fentanyl seizures have ***not*** been pharmaceutically produced but illicitly produced. This illicit form of fentanyl is produced by international drug traffickers who import the drug into the United States and often, mix it into heroin being sold. This illicitly produced fentanyl has been the biggest contributor to the significant increase in the number of fatal opioid overdoses in Virginia.
- 2) Illicit and pharmaceutically produced fatal fentanyl overdoses are represented in this analysis. This includes all different types of fentanyl analogs (acetyl fentanyl, furanyl fentanyl, etc.)

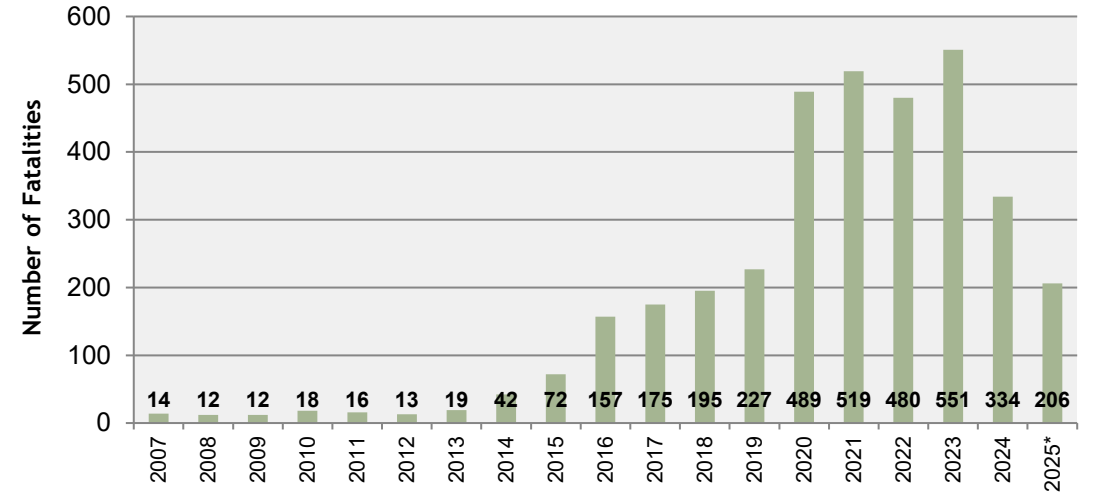
# Fentanyl

The number of fatal fentanyl-related drug overdoses began increasing in 2013; which coincides with the dramatic increase in fatal heroin overdoses. Prior to 2013, most fentanyl-related deaths were due to illicit use of pharmaceutically produced fentanyl. However, in late 2013, early 2014, law enforcement investigations and toxicology testing demonstrated an increase in illicitly produced fentanyl. By 2016, most fatal fentanyl-related overdoses were due to illicitly produced fentanyl and fentanyl analogs, and not pharmaceutically produced fentanyl. For statistical purposes, 'fentanyl' includes all pharmaceutically produced fentanyl, illicitly produced fentanyl, and fentanyl analogs. The preliminary number of fatal fentanyl overdoses in 2025 compared to 2024 decreased by 32.1%. In 2025, fentanyl was involved in 53.7% of all drug overdose deaths.

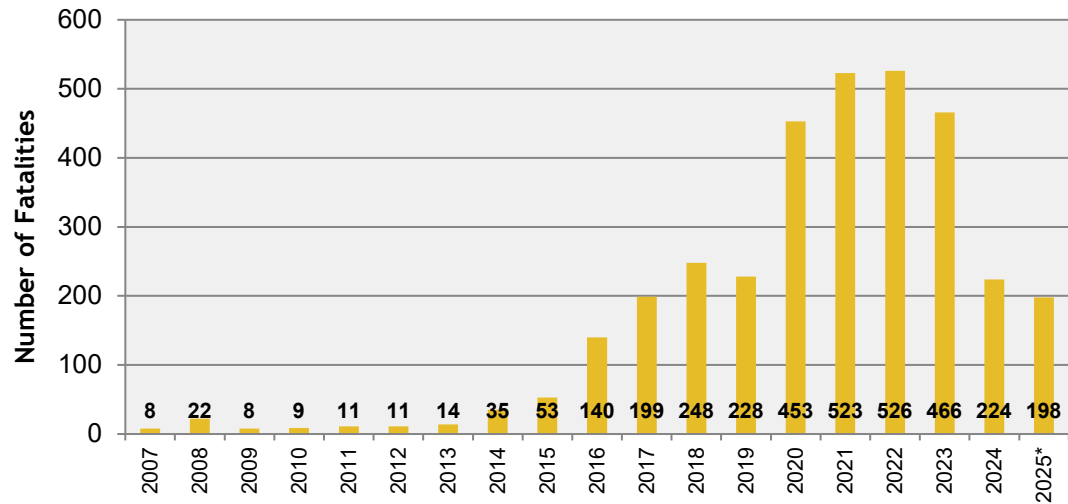
### First Quarter, 2007-2025\*



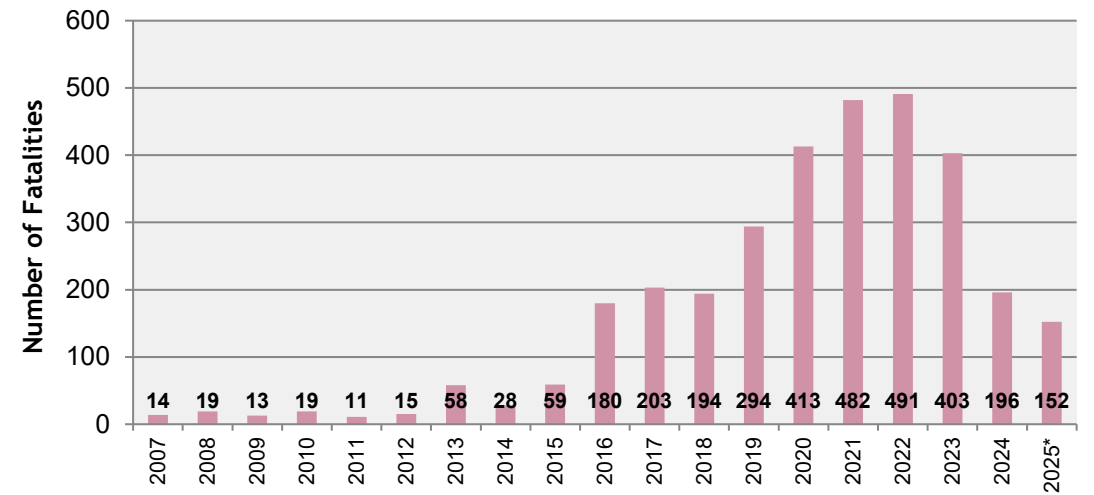
### Second Quarter, 2007-2025\*



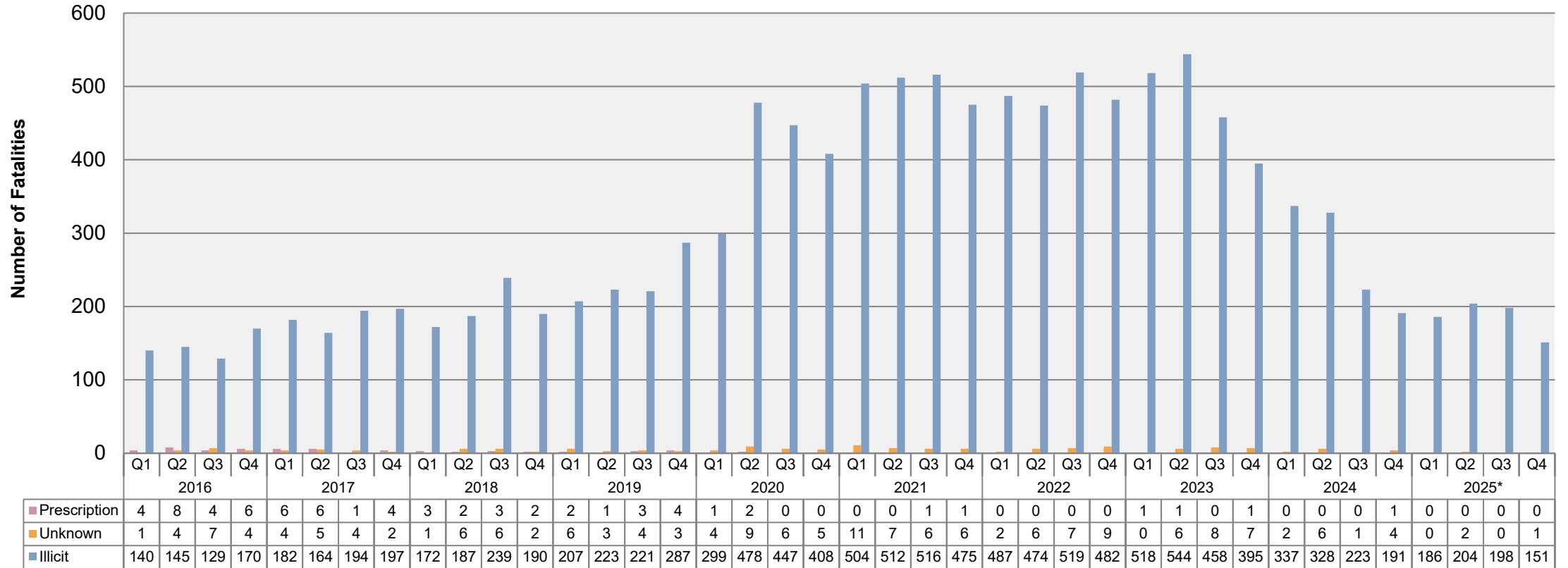
### Third Quarter, 2007-2025\*



### Fourth Quarter, 2007-2025\*



## Total Number of Fatal Fentanyl Overdoses by Fentanyl Origin and Quarter of Death, 2016-2025\*



- 1) Historically, fentanyl has been categorized as a prescription opioid because it is mass produced by pharmaceutical companies. However, recent law enforcement investigations and toxicology results have demonstrated that several recent fentanyl seizures have **not** been pharmaceutically produced, but illicitly produced. This illicit form of fentanyl is produced by international drug traffickers who import the drug into the United States and often, mix it into heroin being sold. This illicitly produced fentanyl has been the biggest contributor to the significant increase in the number of fatal opioid overdoses in Virginia.
- 2) Illicit and pharmaceutically produced fatal fentanyl overdoses are represented in this analysis. This includes all different types of fentanyl analogs (acetyl fentanyl, furanyl fentanyl, etc.)

# Fentanyl

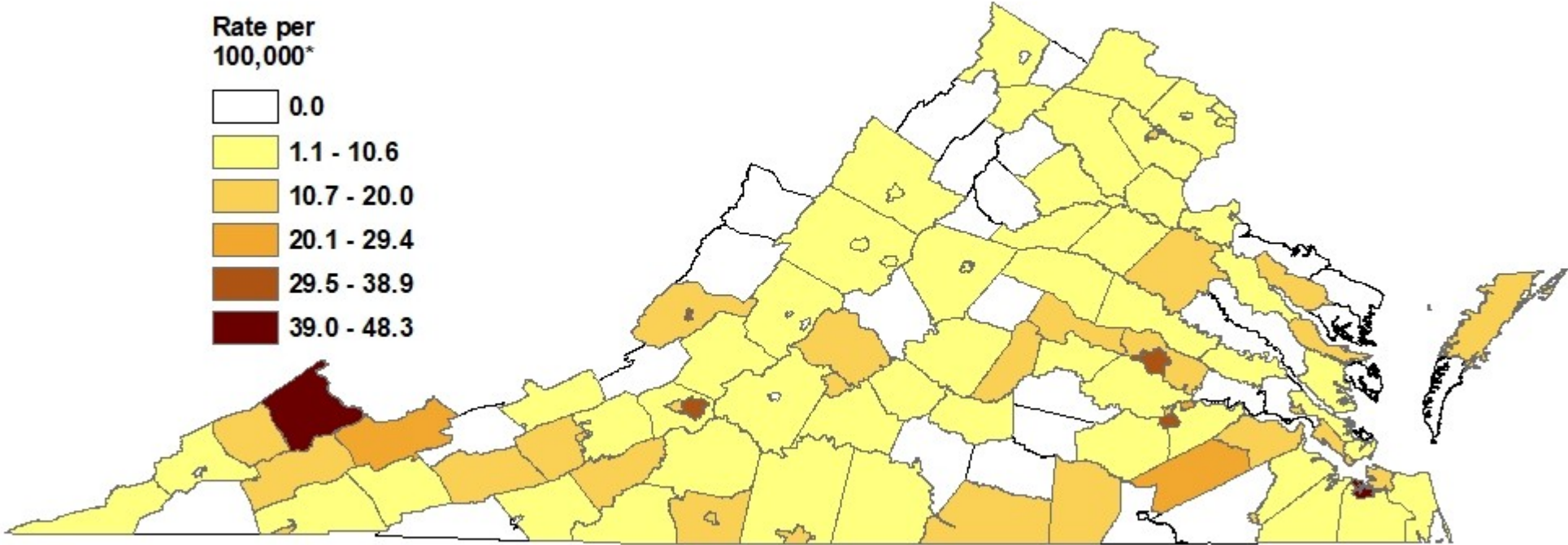
In 2016, the OCME began collecting information on the suspected origin of fentanyl (pharmaceutical production, illicit production, or unknown) on all fatal overdoses involving fentanyl. The determination is made by reviewing the examination report, toxicology report, police report, and several other sources of information collected during the death investigation process. This classification is more subjective than objective but still provides detailed insight to the current proportion of illicitly produced fentanyl in Virginia that is contributing to fatal overdoses. In 2024, it was estimated that nearly 99% of fatal fentanyl overdoses were due to the illicitly produced versions of the drug.



# Fentanyl Analogs

Fentanyl analogs are a category of illicitly produced opioids very similar to fentanyl, but slightly different in their chemical structure. Fentanyl analogs began appearing in Virginia in 2014 and have fluctuated ever since. Fentanyl analogs are illicitly produced and vary in potency, and in part, attributed to the rise in fatal overdoses due to opioids. For statistical purposes, 'fentanyl' includes all pharmaceutically produced fentanyl, illicitly produced fentanyl, and fentanyl analogs.

# Rate of Fatal Fentanyl (Rx, Illicit, and Analog) Overdoses by Locality of Overdose, 2025\*



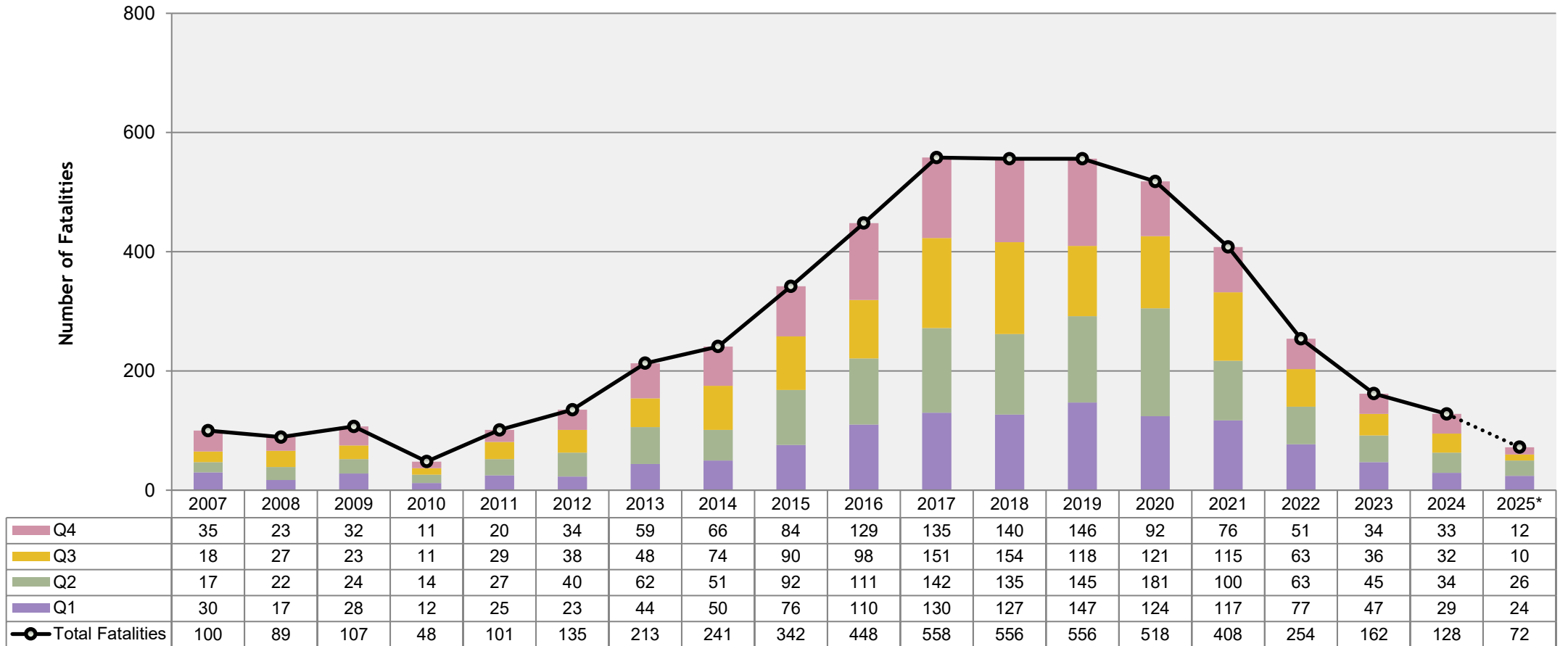
Source: Virginia Department of Health, Office of the Chief Medical Examiner

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# Heroin

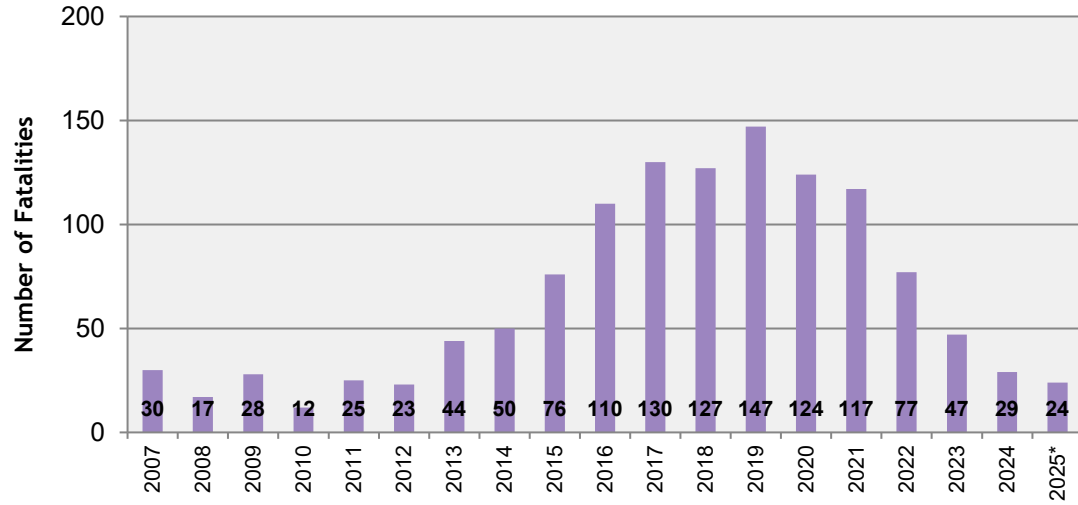
Total Number of Fatal Heroin Overdoses by Quarter and Year of Death, 2007-2025\*



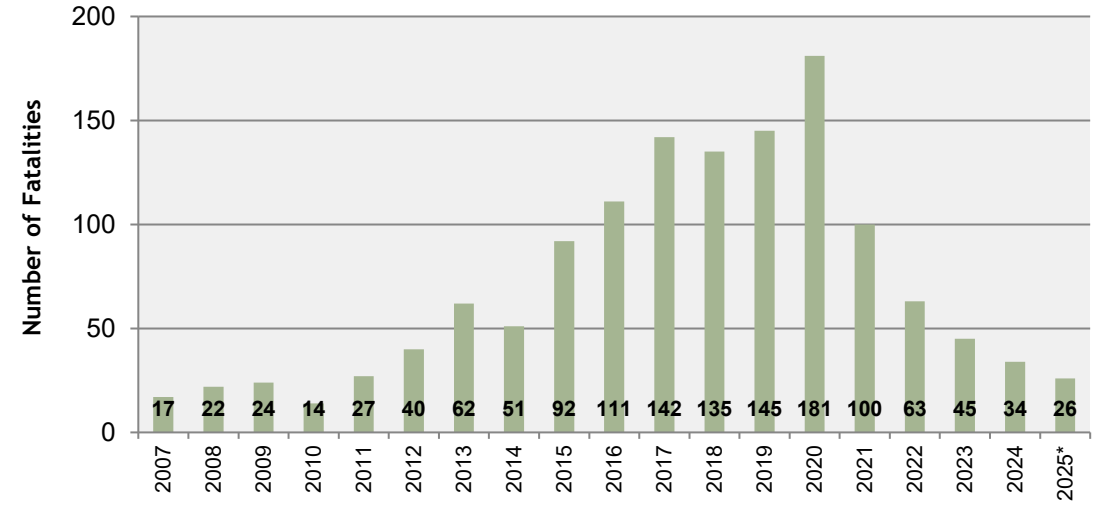
# Heroin

The total number of fatal heroin-related overdoses began increasing in 2011. Fatal heroin overdoses often occurred as the primary drug causing death, but more recently, heroin and fentanyl and/or fentanyl analog combinations caused a large portion of fatal drug overdoses. The annual number of fatal heroin overdoses in 2017-2019 were nearly identical but began to decrease in 2020-2025. The preliminary number of heroin overdose deaths decreased by 43.8% in 2025 compared to 2024.

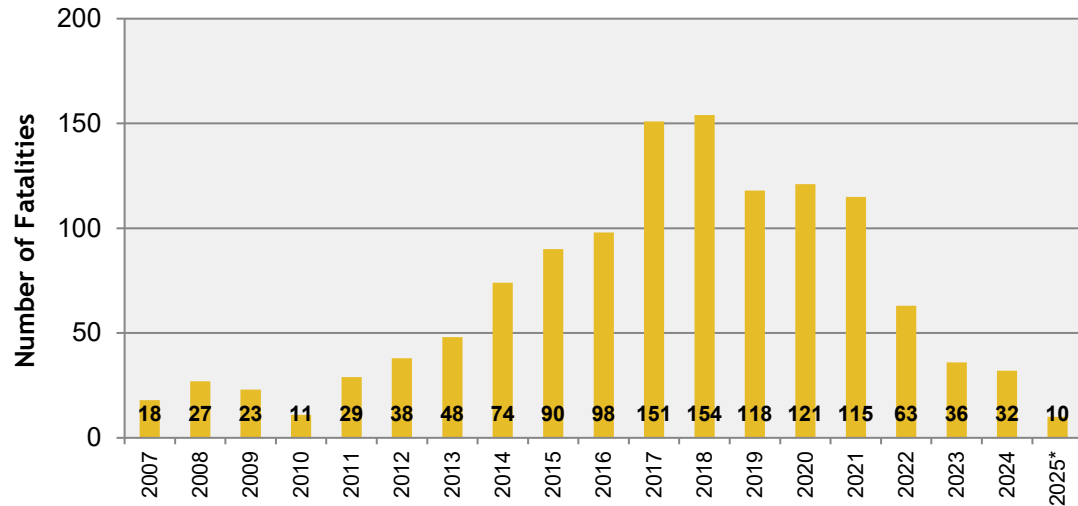
**First Quarter, 2007-2025\***



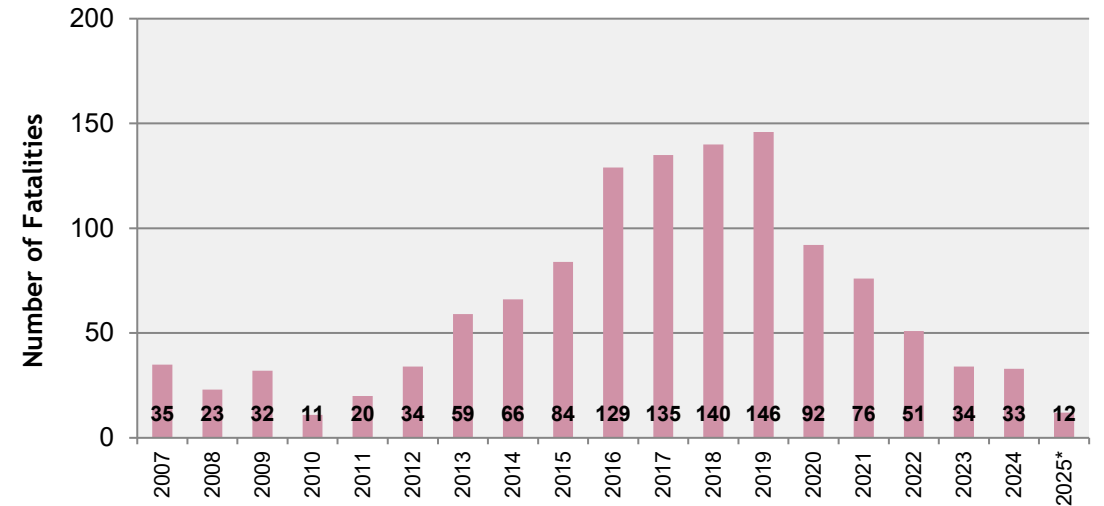
**Second Quarter, 2007-2025\***



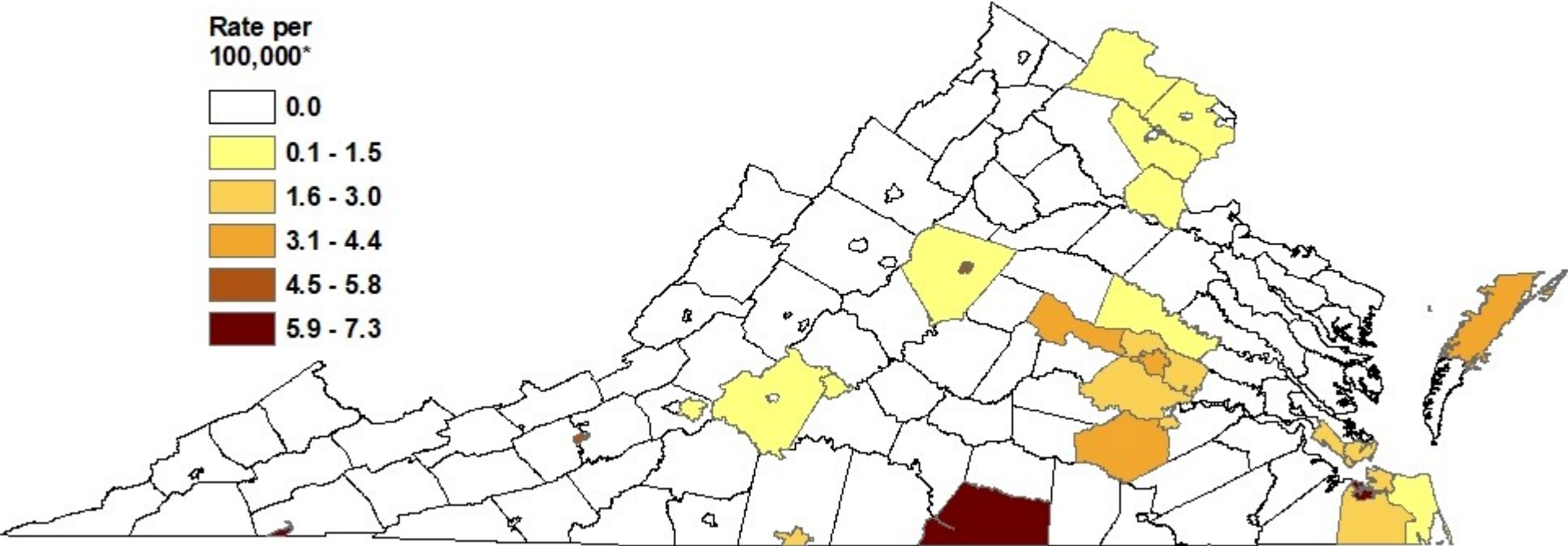
**Third Quarter, 2007-2025\***



**Fourth Quarter, 2007-2025\***



### Rate of Fatal Heroin Overdoses by Locality of Overdose, 2025\*



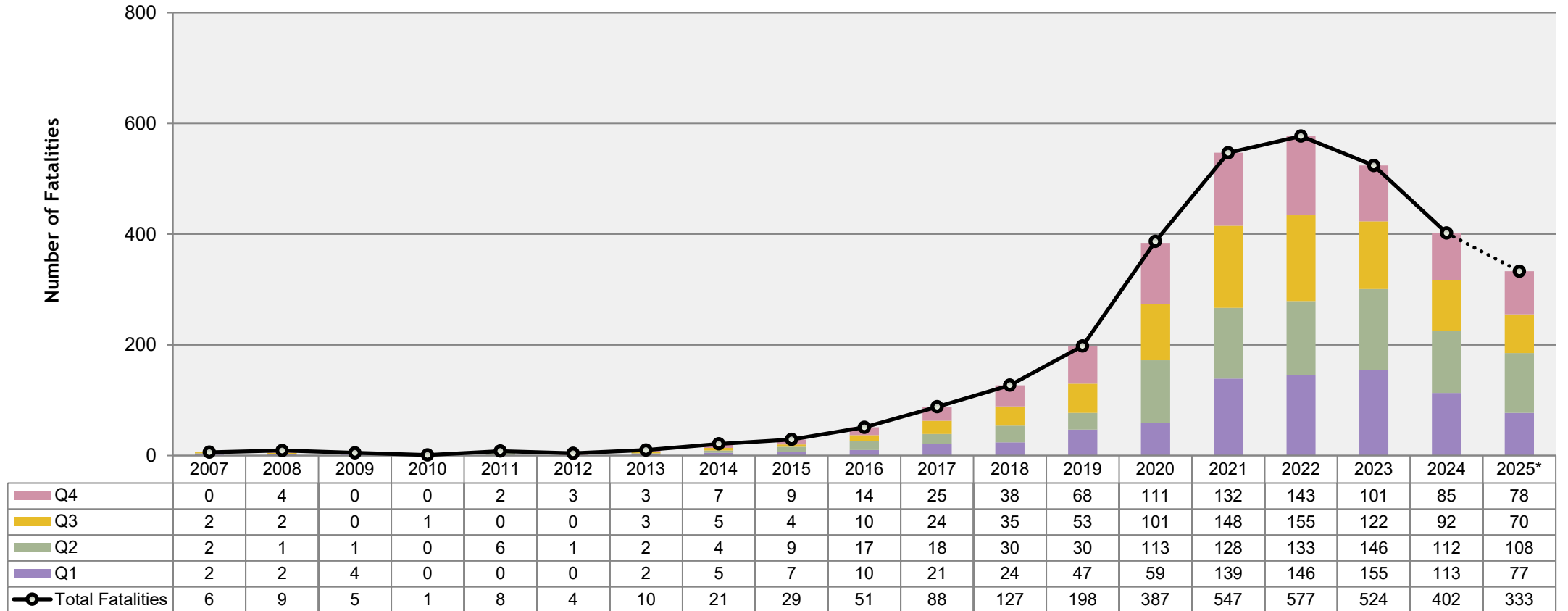
Source: Virginia Department of Health, Office of the Chief Medical Examiner

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# Methamphetamine

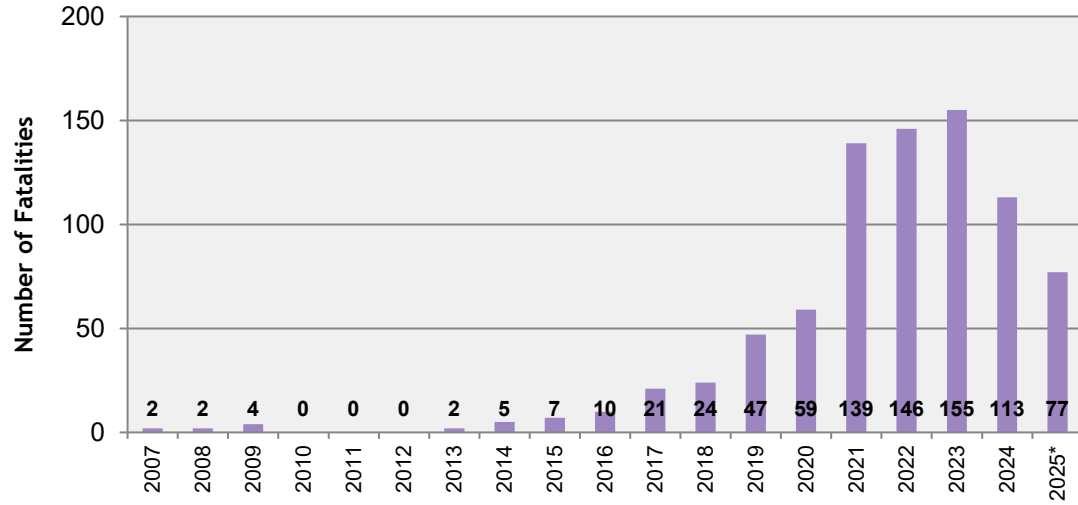
**Total Number of Fatal Methamphetamine Overdoses by Quarter and Year of Death, 2007-2025\***



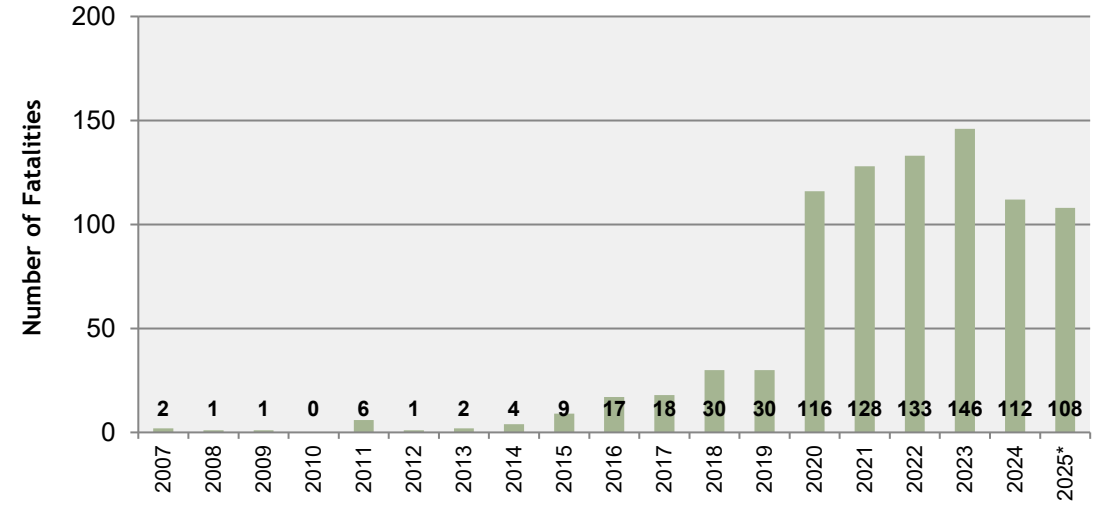
# Methamphetamine

From 2007 to 2013, fatal methamphetamine overdoses were relatively uncommon compared to other drugs/drug categories, but in 2014, the number of fatal methamphetamine overdoses began to increase. Fatal methamphetamine overdoses peaked in 2022 and have since declined. In 2025, fatal methamphetamine overdoses most frequently had fentanyl (prescription, illicit, and/or analogs) causing or contributing to death (45.6%). The preliminary number of fatal methamphetamine overdoses decreased by 17.2% in 2025 when compared to 2024.

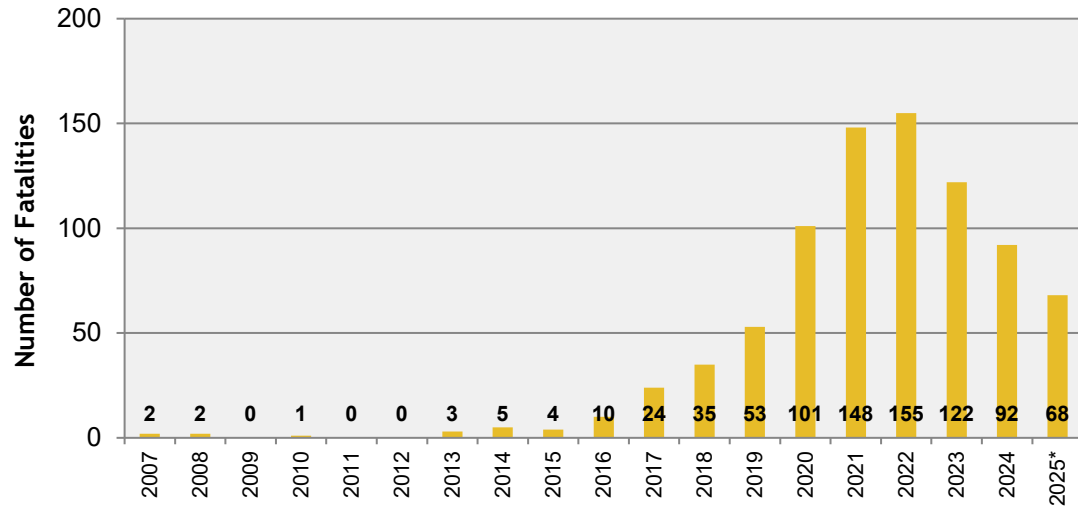
**First Quarter, 2007-2025\***



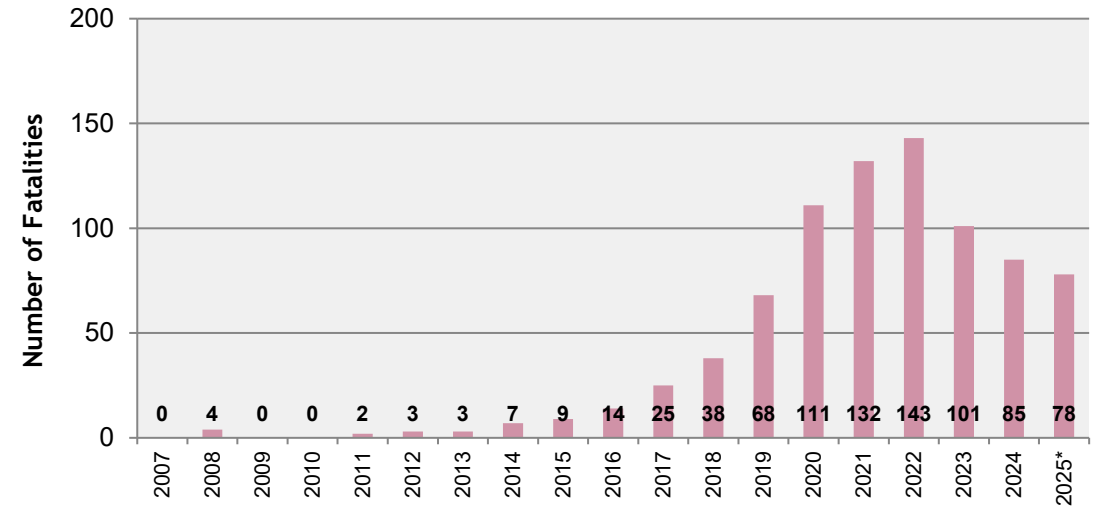
**Second Quarter, 2007-2025\***



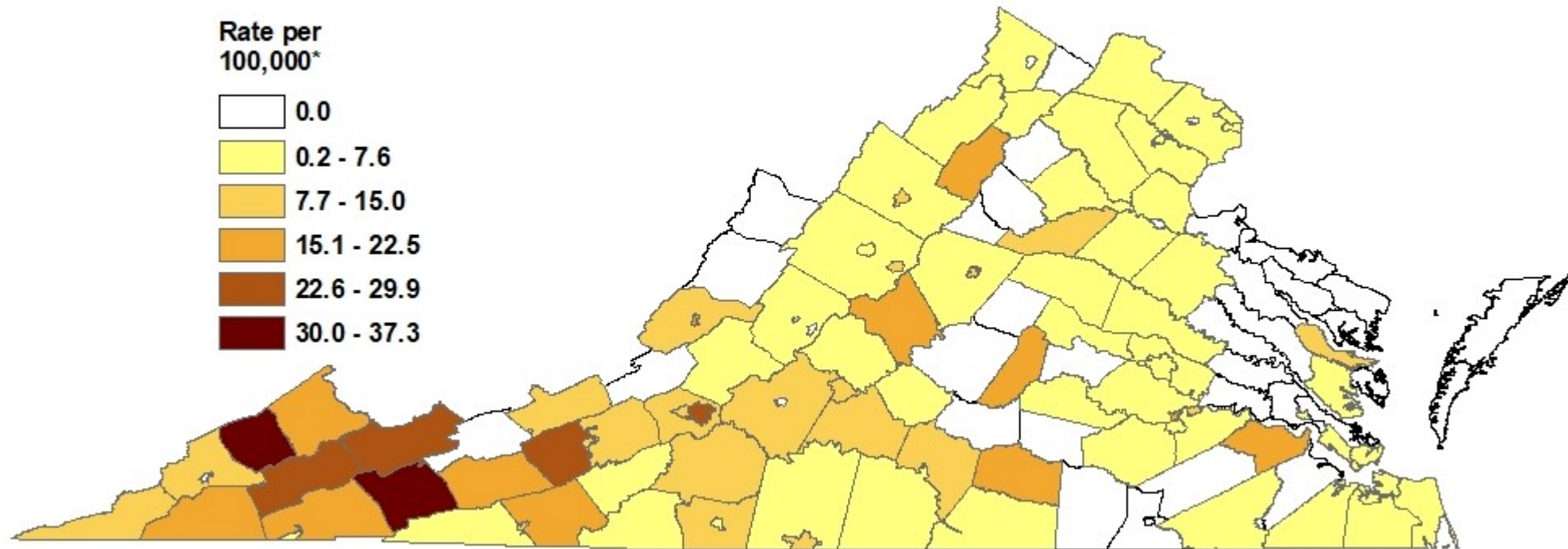
**Third Quarter, 2007-2025\***



**Fourth Quarter, 2007-2025\***



## Rate of Fatal Methamphetamine Overdoses by Locality of Overdose, 2025\*



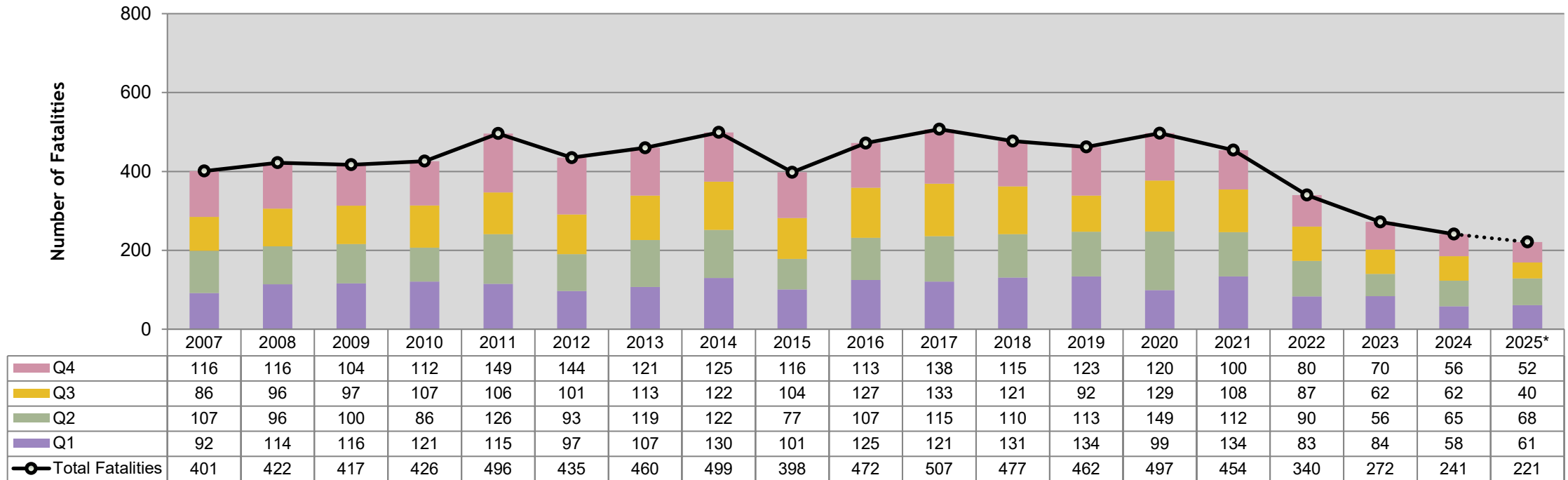
Source: Virginia Department of Health, Office of the Chief Medical Examiner

\* Data for 2025 is preliminary and subject to change

\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

# Prescription Opioids (Excluding Fentanyl)

Total Number of Fatal Prescription Opioid Overdoses (Excluding Fentanyl) by Quarter and Year of Death, 2007-2025\*

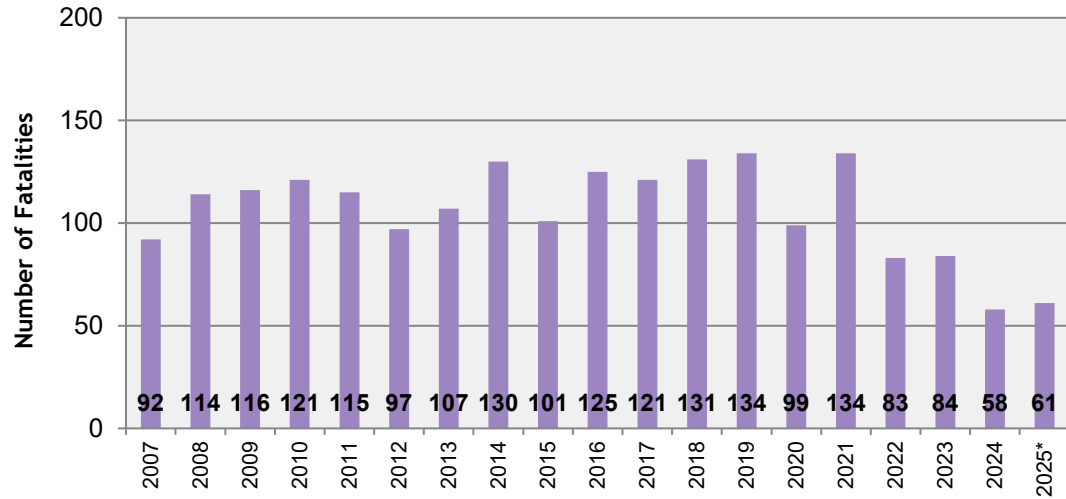


1) 'Prescription Opioids (excluding fentanyl)' calculates all deaths in which one or more prescription opioids caused or contributed to death, but excludes fentanyl from the **required list** of prescription opioid drugs used to calculate the numbers. However, given that some of these deaths have multiple drugs on board, some deaths may have fentanyl in addition to other prescriptions opioids, and are therefore counted in the total number. Analysis must be done this way because by excluding all deaths in which fentanyl caused or contributed to death, the calculation would also exclude other prescription opioid deaths (oxycodone, methadone, etc.) from the analysis and would thereby undercount the actual number of fatalities due to these true prescription opioids.

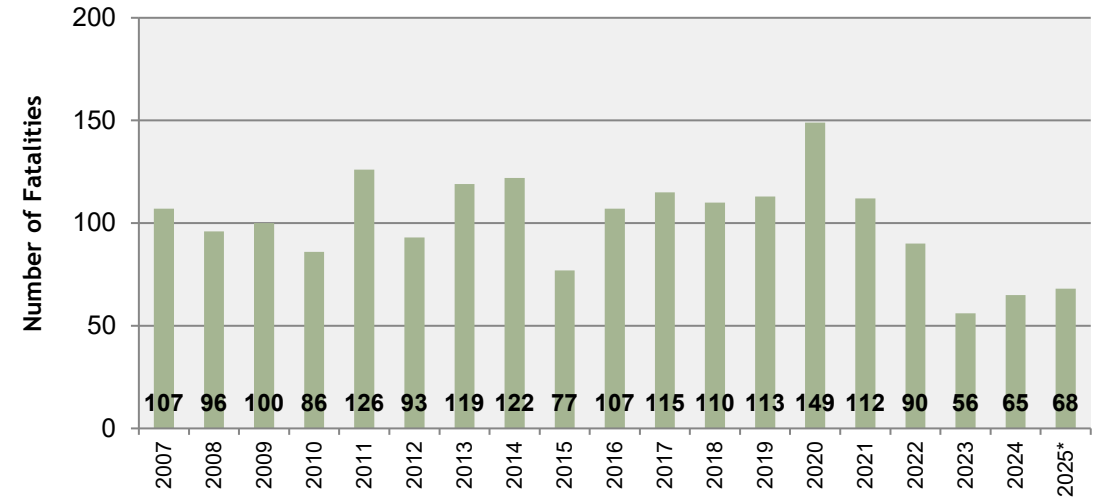
# Prescription Opioids (Excluding Fentanyl)

Since 2007, fatal prescription (Rx) opioid overdoses have been the leading category of drugs causing or contributing to death in the Commonwealth, with historically, oxycodone being the most common drug. Given the transition in fatal fentanyl overdoses from pharmaceutically produced fentanyl (2007-2014) to nearly all illicitly produced fentanyl (2015-present), fentanyl needs to be removed from the Rx opioid category and analyzed separately. This allows one to see the significant impact the drug is having on fatal overdose numbers in Virginia. By removing fentanyl from this Rx category, it is to be expected that Rx opioid fatalities from 2007-2013 to be slightly undercounted because true Rx fentanyl overdoses are excluded and combined with all 'fentanyl' to capture recent trends of illicit fentanyl in Virginia.

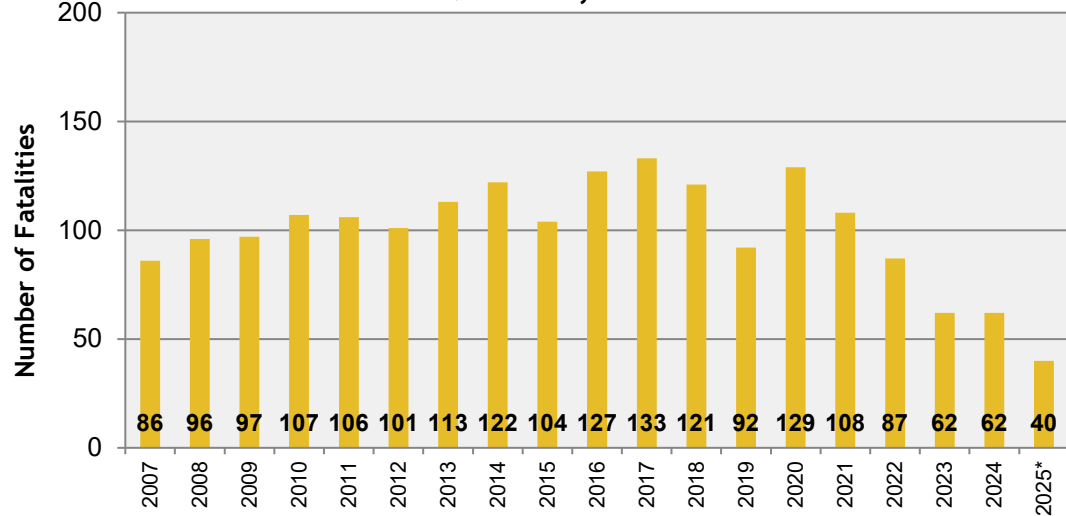
**First Quarter, 2007-2025\***



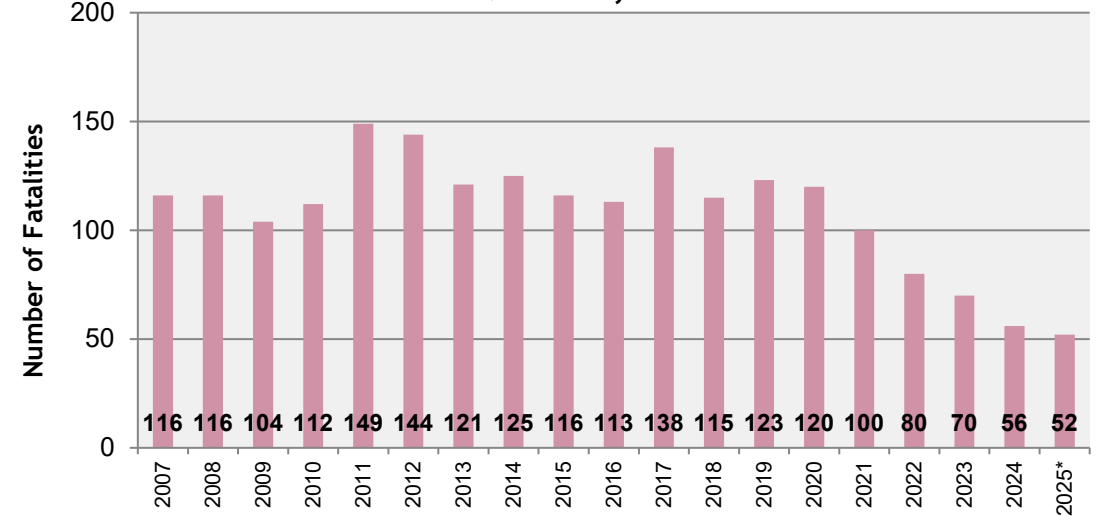
**Second Quarter, 2007-2025\***



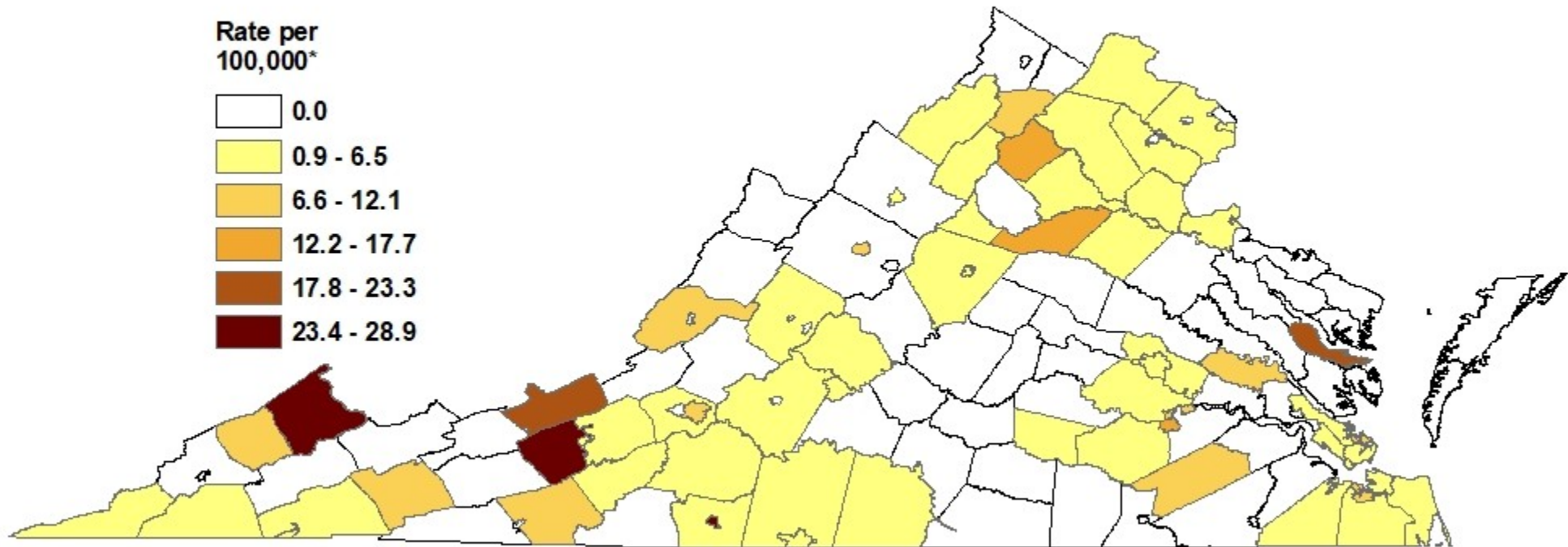
**Third Quarter, 2007-2025\***



**Fourth Quarter, 2007-2025\***



## Rate of Fatal Prescription (Rx) Opioid Overdoses by Locality of Overdose, 2025\*



Source: Virginia Department of Health, Office of the Chief Medical Examiner

\* Data for 2025 is preliminary and subject to change

\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

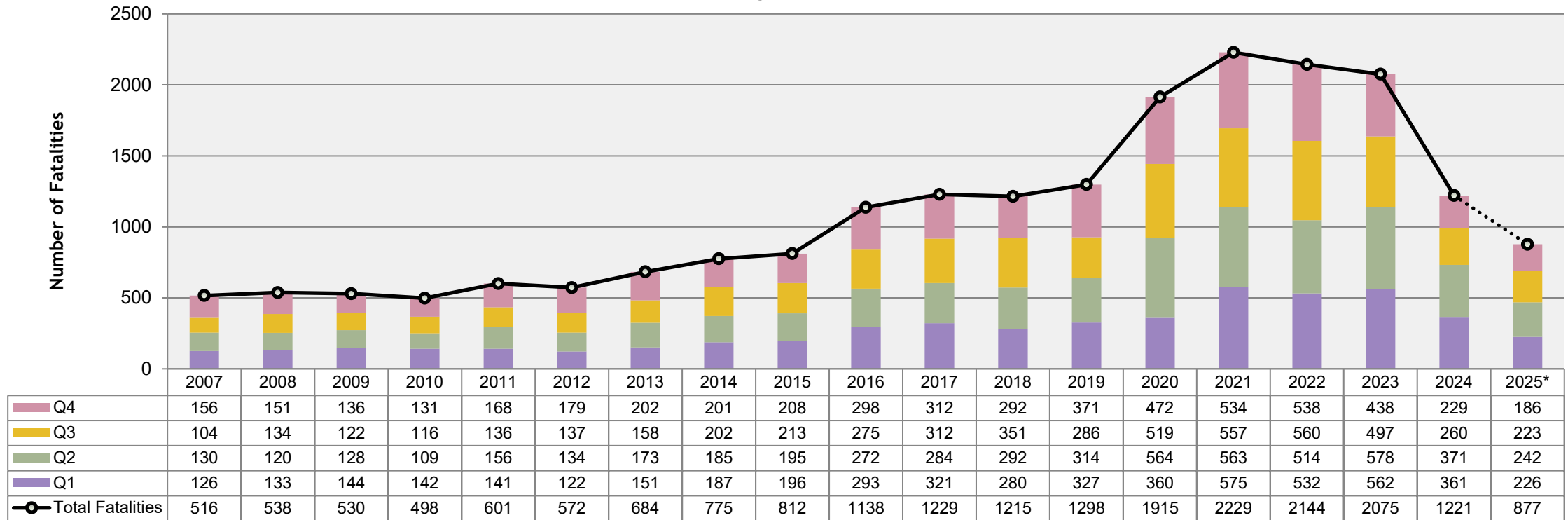
# Fatal Drug Overdoses of Special Interest



- All Opioids (Fentanyl, Heroin, and/or Prescription Opioids)
- Heroin and/or Fentanyl

# All Opioids

**Total Number of Fatal Opioid Overdoses by Quarter and Year of Death, 2007-2025\***

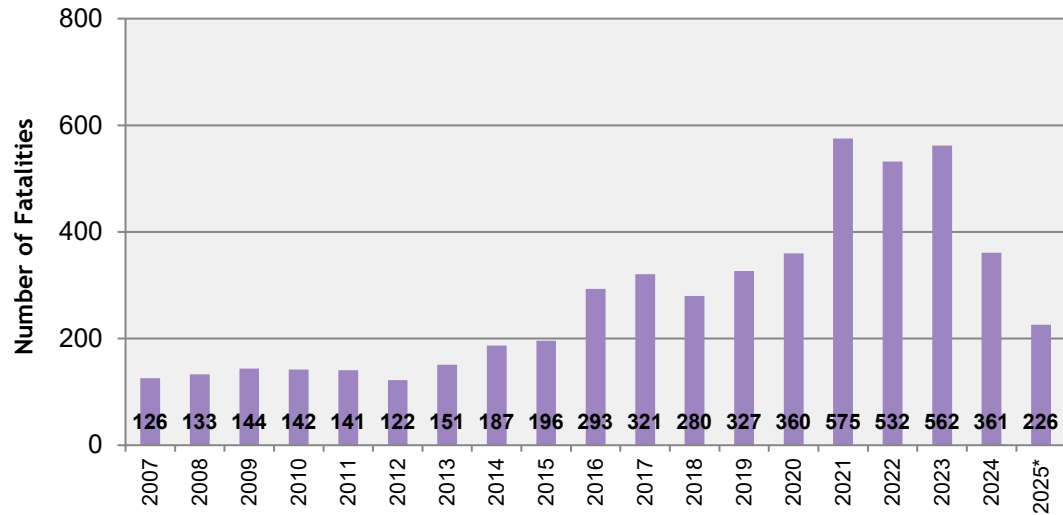


- 1) 'All Opioids' includes all versions of fentanyl, heroin, prescription opioids, U-47700, nitazenes, and opioids unspecified
- 2) 'Opioids Unspecified' are a small category of deaths in which the determination of heroin and/or one or more prescription opioids cannot be made due to specific circumstances of the death. Most commonly, these circumstances are a result of death several days after an overdose, in which the OCME cannot test for toxicology because the substances have been metabolized out of the decedent's system.
- 3) Fatal opioid numbers have changed slightly from past reports due to the removal of fentanyl from the category of prescription opioids, as well as the addition of buprenorphine, levorphanol, meperidine, pentazocine, propoxyphene, and tapentadol added to the list of prescription opioids.

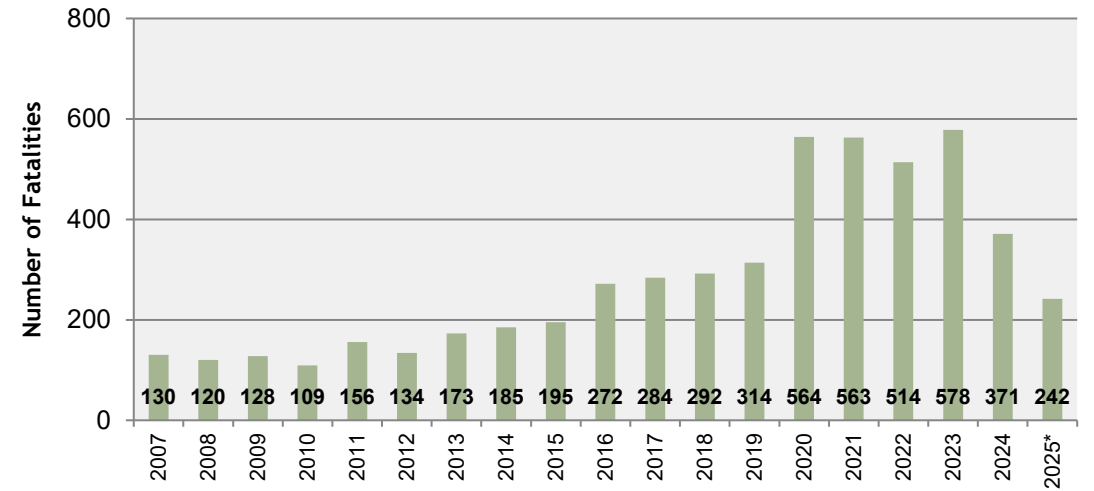
# All Opioids

From 2007-2015, opioids (fentanyl, heroin, U-47700, and/or one or more prescription opioids) made up approximately 75% of all fatal drug overdoses annually in Virginia. However, this percentage is increasing each year due to the significant increase in fatal fentanyl and/or heroin overdoses which began in late 2013 and early 2014. Preliminary numbers for 2025 indicated that 63.4% of all fatal overdoses of any substance were due to one or more opioids. The preliminary number of fatal opioid overdoses in 2025 decreased 28.2% from the previous year.

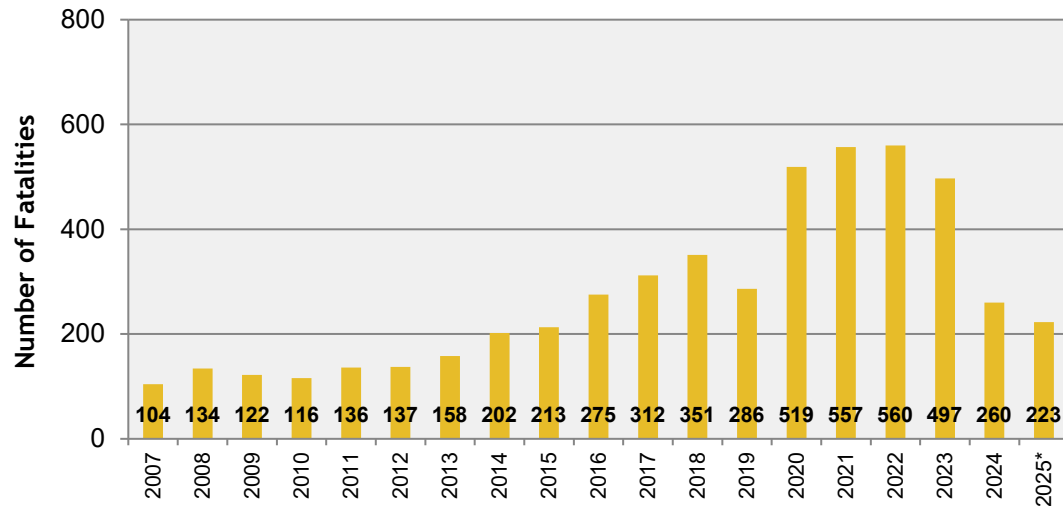
**First Quarter, 2007-2025\***



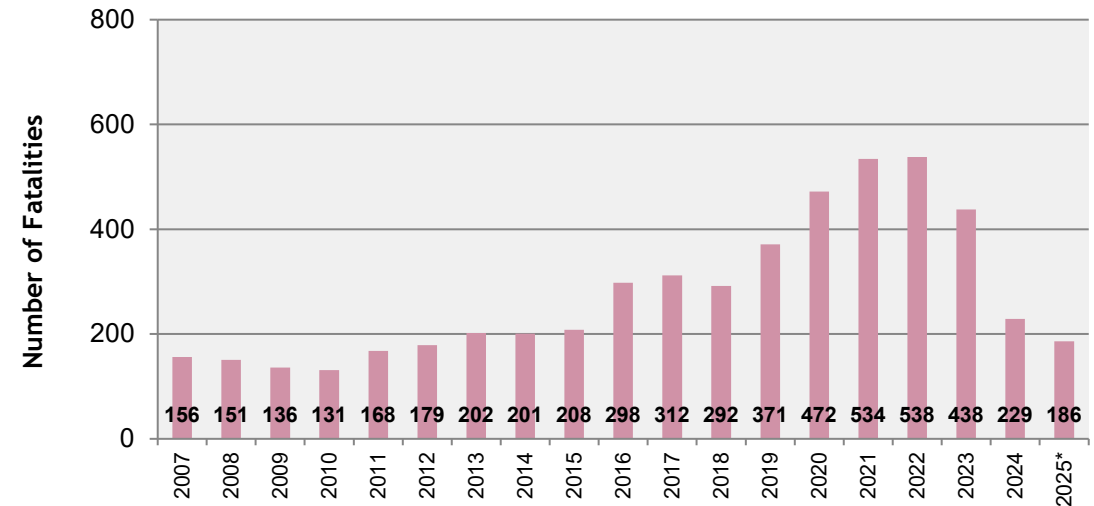
**Second Quarter, 2007-2025\***



**Third Quarter, 2007-2025\***

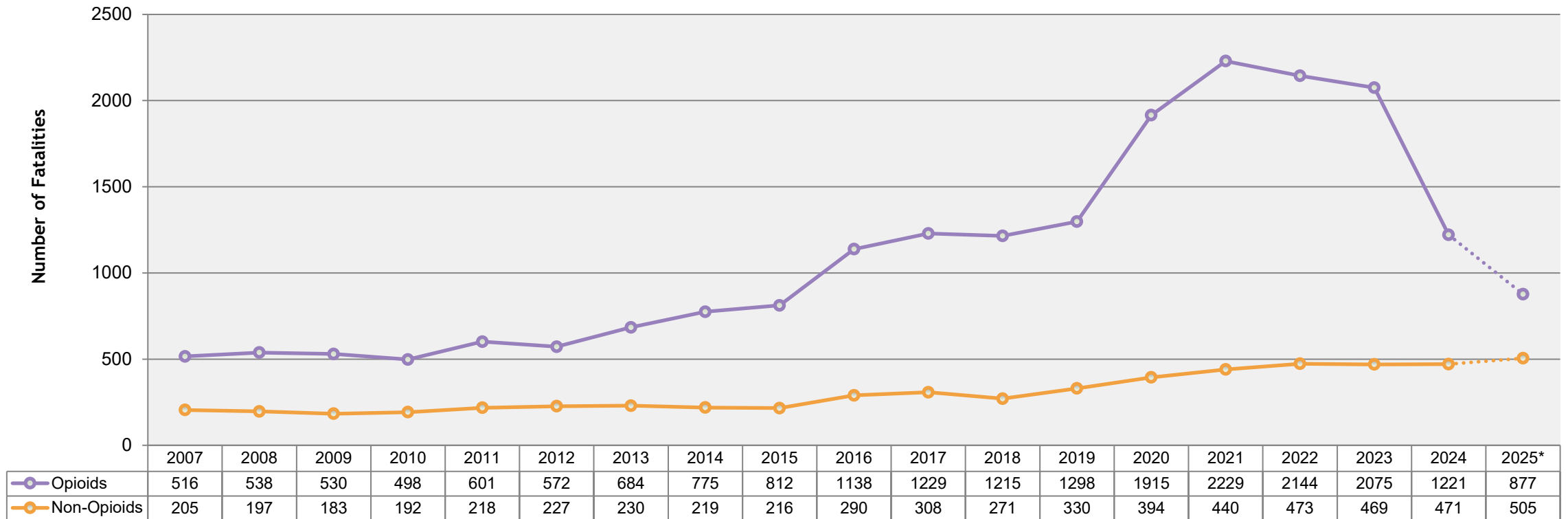


**Fourth Quarter, 2007-2025\***



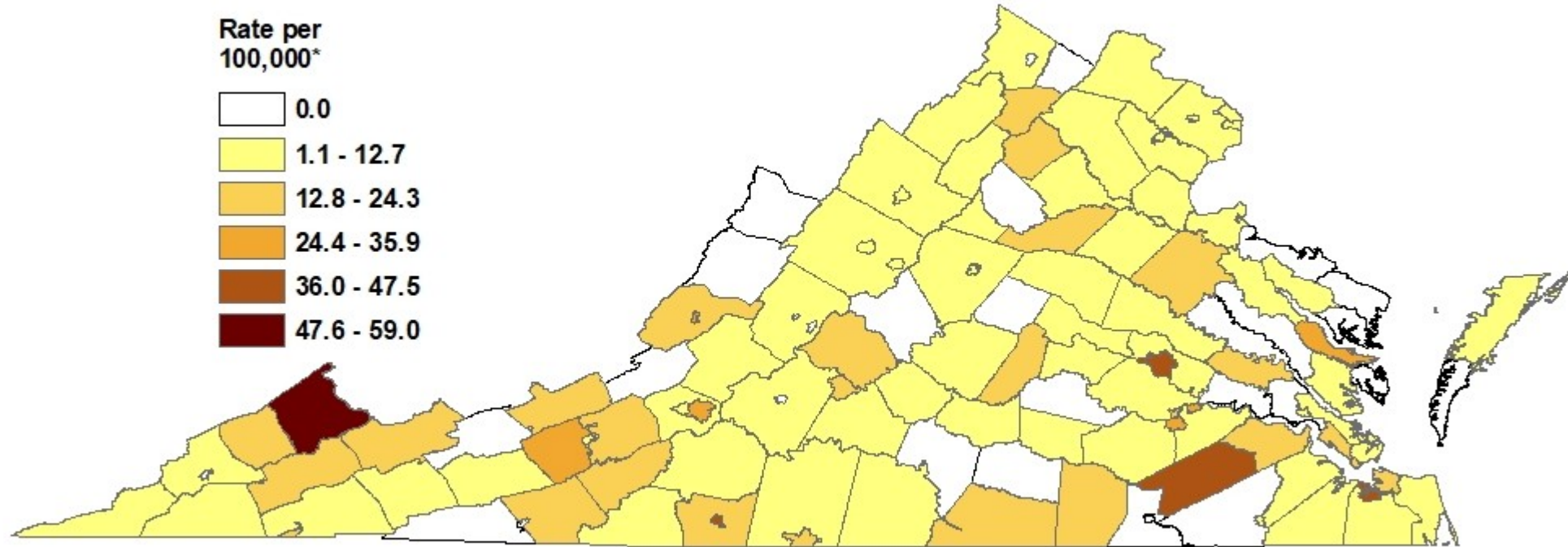
# Opioids vs. Non-Opioids

**Total Number of Fatal Opioid Overdoses vs. Non-Opioid Overdoses by Year of Death, 2007-2025\***



- 1) 'All Opioids' includes all versions of fentanyl, heroin, prescription opioids, U-47700, nitazenes, and opioids unspecified
- 2) 'Opioids Unspecified' are a small category of deaths in which the determination of heroin and/or one or more prescription opioids cannot be made due to specific circumstances of the death. Most commonly, these circumstances are a result of death several days after an overdose, in which the OCME cannot test for toxicology because the substances have been metabolized out of the decedent's system.

## Rate of All Fatal Opioid Overdoses by Locality of Overdose, 2025\*



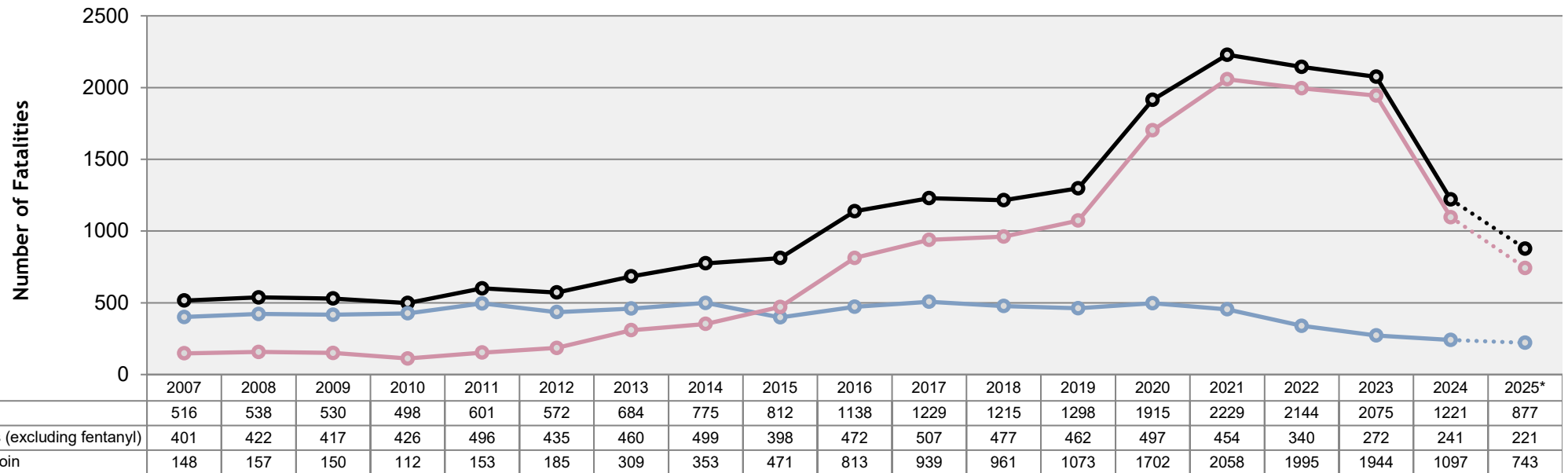
Source: Virginia Department of Health, Office of the Chief Medical Examiner

\* Data for 2025 is preliminary and subject to change

\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

# Opioids- A Different Perspective

**Total Number of Prescription Opioid (Excluding Fentanyl), Fentanyl and/or Heroin, and All Opioid Overdoses by Year of Death, 2007-2025\***



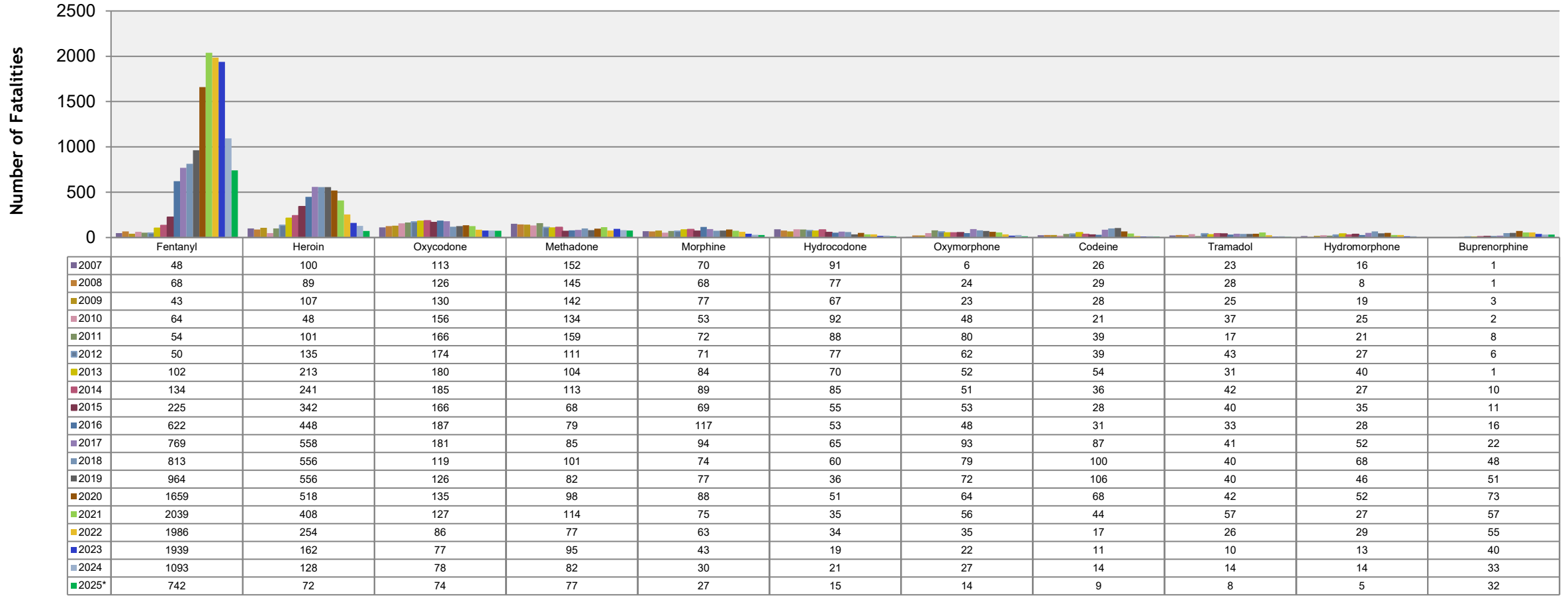
- 1) 'All Opioids' includes all versions of fentanyl, heroin, prescription opioids, U-47700, nitazenes, and opioids unspecified
- 2) Illicit and pharmaceutically produced fatal fentanyl overdoses are represented in this analysis. This includes all different types of fentanyl analogs (acetyl fentanyl, furanyl fentanyl, etc.)
- 3) 'Prescription Opioids (excluding fentanyl)' calculates all deaths in which one or more prescription opioids caused or contributed to death, but excludes fentanyl from the **required list** of prescription opioid drugs used to calculate the numbers. However, given that some of these deaths have multiple drugs on board, some deaths may have fentanyl in addition to other prescriptions opioids, and are therefore counted in the total number. Analysis must be done this way because by excluding all deaths in which fentanyl caused or contributed to death, the calculation would also exclude other prescription opioid deaths (oxycodone, methadone, etc.) from the analysis and would thereby undercount the actual number of fatalities due to these true prescription opioids.

# Opioids- A Different Perspective

Prescription opioids are a group of drugs that are commercially made by pharmaceutical companies in certified laboratories that act upon the opioid receptors in the brain. Historically, fentanyl has been one of these drugs. However, in late 2013, early 2014, illicitly made fentanyl began showing up in Virginia and by 2016, most fatal fentanyl overdoses were of illicit production of the drug. Separating fentanyl from the grouping of prescription opioids for this reason demonstrates a slight decrease in fatal prescription opioid overdoses in 2015 and a dramatic increase in the number of fatal fentanyl and/or heroin overdoses. This has caused the significant rise in all fatal opioid overdoses in the Commonwealth since 2012.

# All Opioids

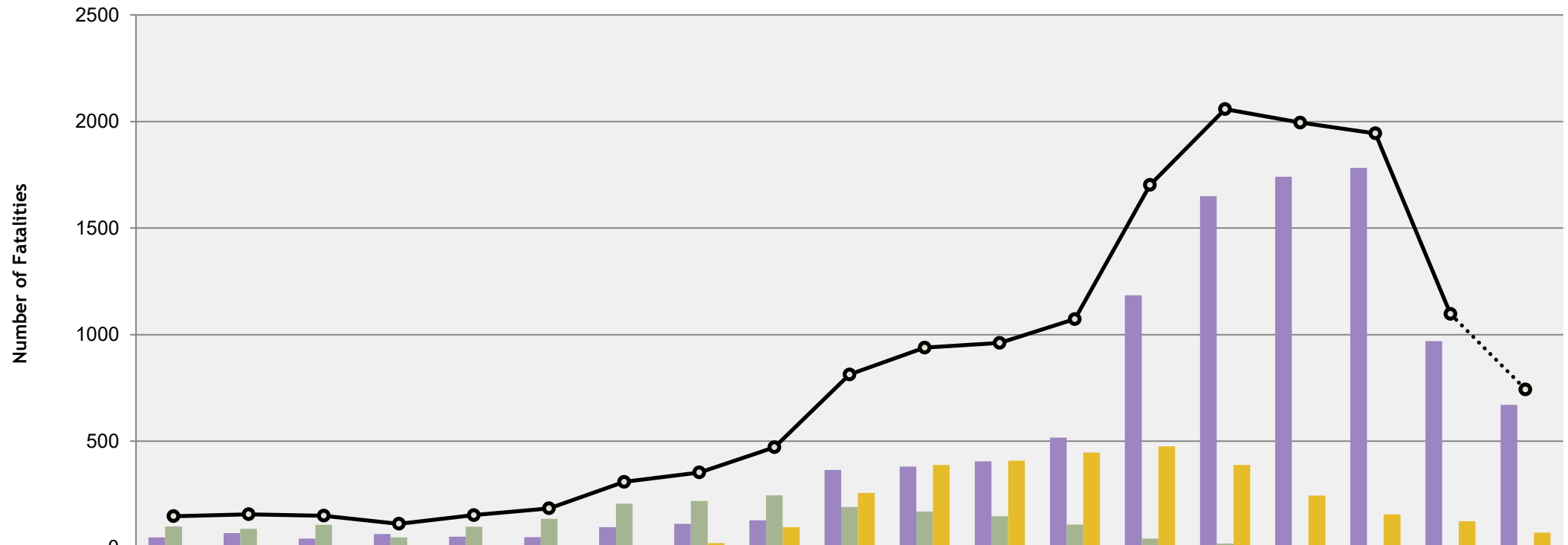
Total Number of Fatal Opioid Overdoses by Drug Name and Year of Death, 2007-2025\*



1) Levorphanol, meperidine, pentazocine, propoxyphene, and tapentadol were excluded from this analysis due low annual case counts (<20 deaths)

# Fentanyl and/or Heroin

Total Number of Fatal Fentanyl and/or Heroin Overdoses by Year of Death, 2007-2025\*



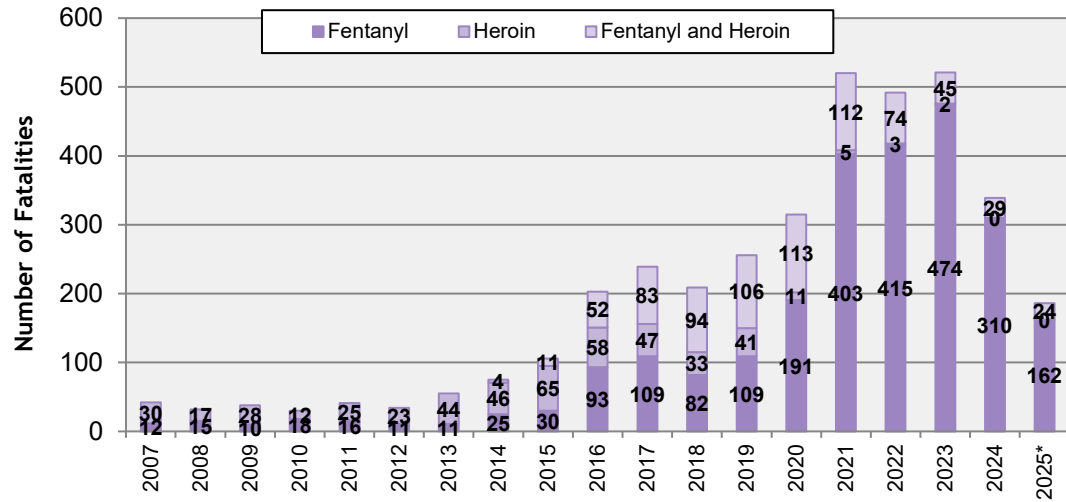
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Fentanyl (No Heroin)	48	68	43	64	52	50	96	112	129	365	381	405	517	1184	1650	1741	1782	969	671
Heroin (No Fentanyl)	100	89	107	48	99	135	207	219	246	191	170	148	109	43	19	9	5	4	1
Fentanyl and Heroin	0	0	0	0	2	0	6	22	96	257	388	408	447	475	389	245	157	124	71
Total Fatalities	148	157	150	112	153	185	309	353	471	813	939	961	1073	1702	2058	1995	1944	1097	743

1) Illicit and pharmaceutically produced fatal fentanyl overdoses are represented in this analysis. This includes all different types of fentanyl analogs (acetyl fentanyl, furanyl fentanyl, etc.)

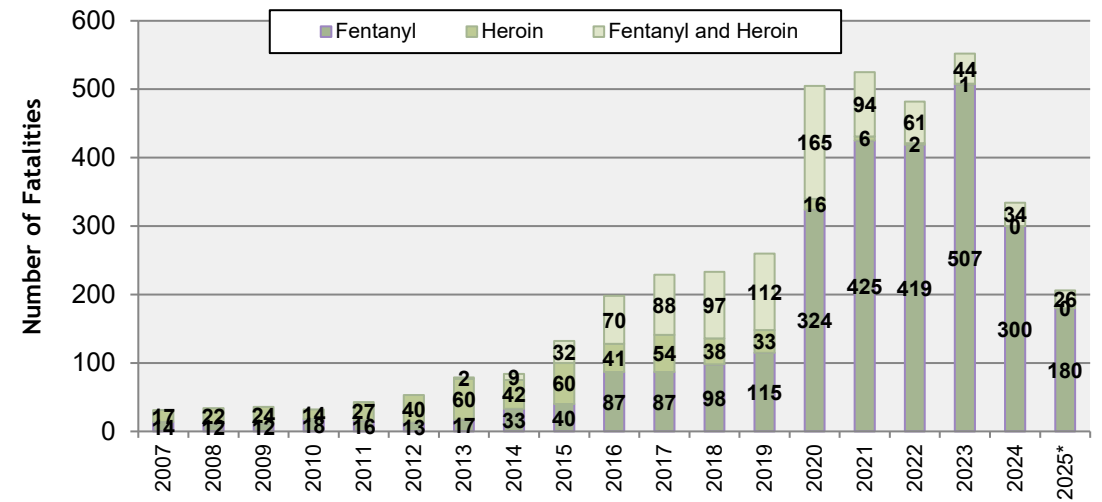
# Fentanyl and/or Heroin

The total number of fatal fentanyl and/or heroin overdoses have significantly increased since late 2012. It is important to look at these two drugs together because as heroin became more popular in 2010, fentanyl occasionally began showing up as an additive to the heroin. By late 2013 and early 2014, some heroin being sold on the street was actually completely fentanyl, unbeknownst to the user. It is essential to look at these fentanyl (no heroin), heroin (no fentanyl), and fentanyl and heroin combination deaths together because users never know exactly what is in the illegal drugs purchased off the streets. The preliminary number of fatal fentanyl and/or heroin overdoses decreased 32.3% in 2025 compared to 2024.

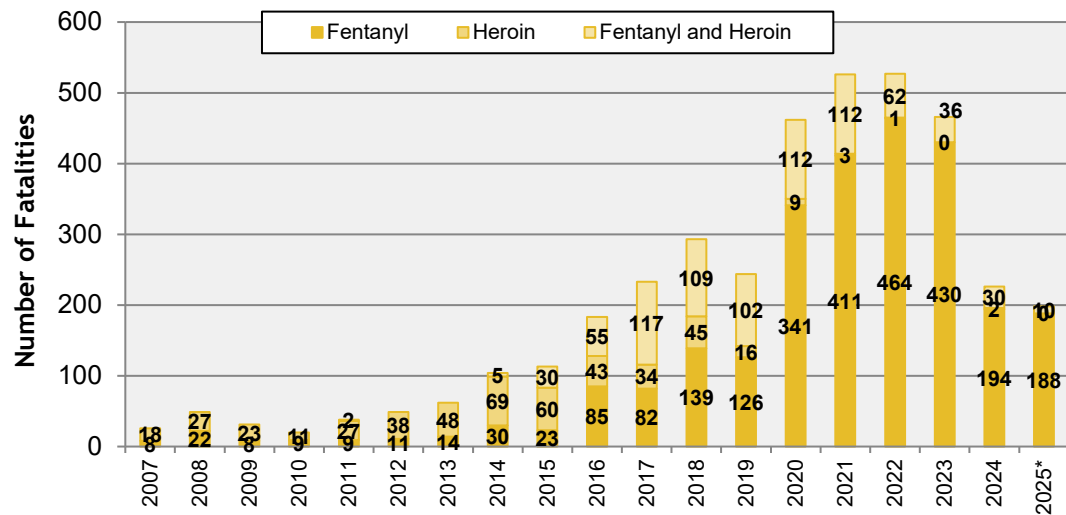
### First Quarter, 2007-2025\*



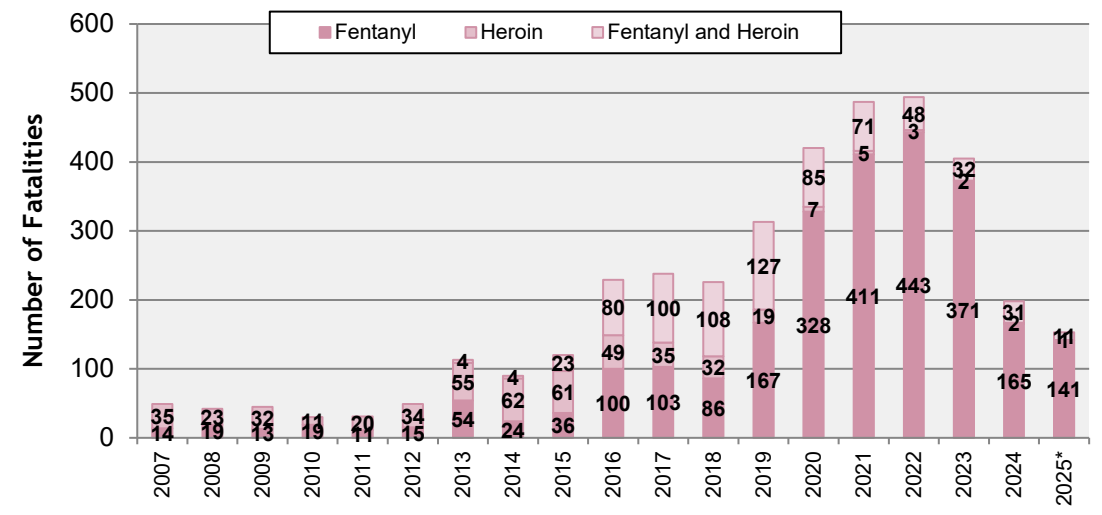
### Second Quarter, 2007-2025\*



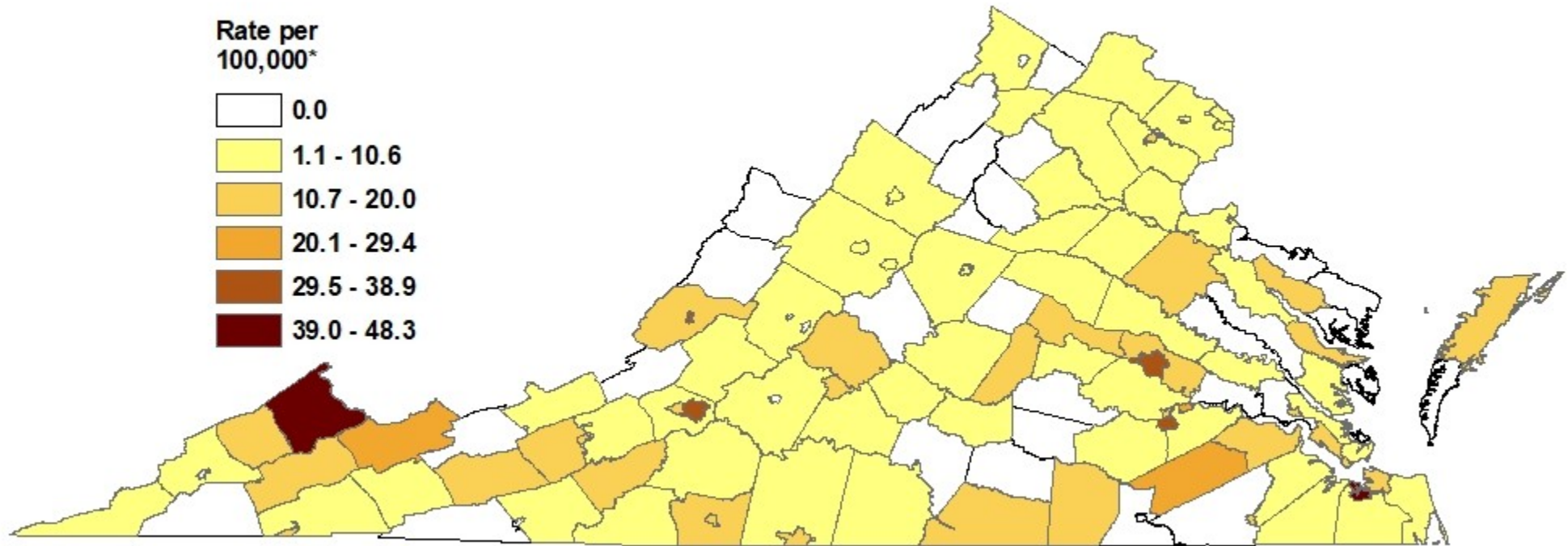
### Third Quarter, 2007-2025\*



### Fourth Quarter, 2007-2025\*



## Rate of Fatal Fentanyl and/or Heroin Overdoses by Locality of Overdose, 2025\*



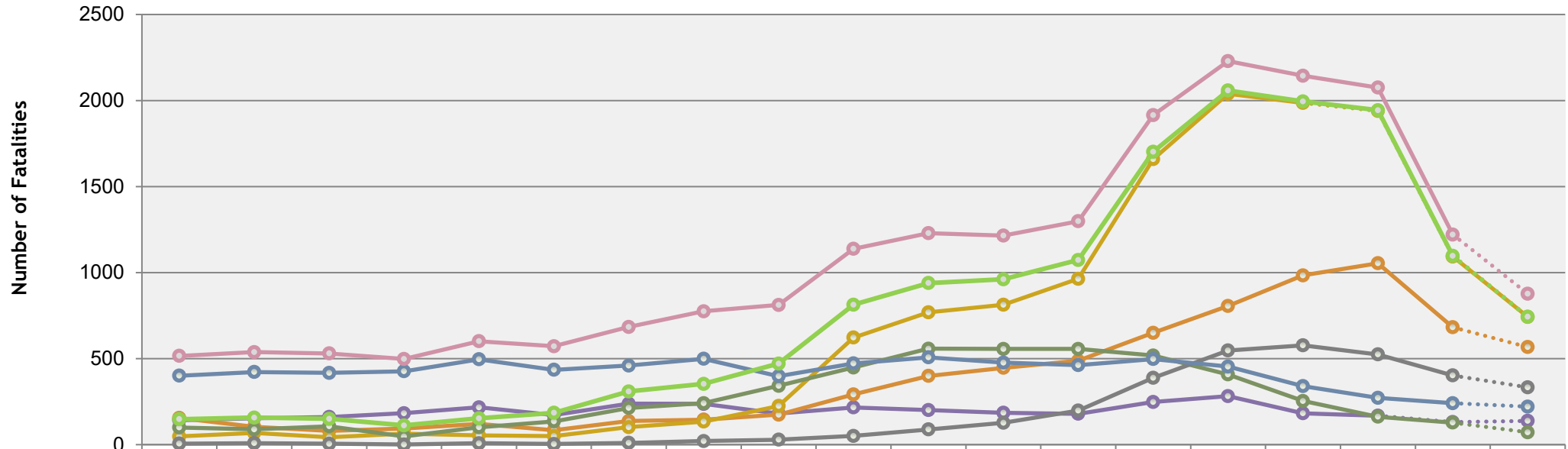
Source: Virginia Department of Health, Office of the Chief Medical Examiner

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\*\* Rate groupings are based upon equal numerical range categories; rates based on small case counts (<5 deaths) are not suppressed

# All Drugs

**Total Number of Fatal Drug Overdoses Drug Name/Category and Year of Death, 2007-2025\***



	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025*
Benzodiazepines	142	154	161	183	217	172	238	237	181	216	201	185	179	248	282	182	168	131	138
Cocaine	155	104	80	93	120	84	137	145	174	292	399	446	488	650	806	984	1054	682	567
Fentanyl	48	68	43	64	54	50	102	134	225	622	769	813	964	1659	2039	1986	1939	1093	742
Heroin	100	89	107	48	101	135	213	241	342	448	558	556	556	518	408	254	162	128	72
Methamphetamine	6	9	5	1	8	4	10	21	29	51	88	127	198	388	547	577	524	402	333
Prescription Opioids (excluding Fentanyl)	401	422	417	426	496	435	460	499	398	472	507	477	462	497	454	340	272	241	221
All Opioids	516	538	530	498	601	572	684	775	812	1138	1229	1215	1298	1915	2229	2144	2075	1221	877
Heroin and/or Fentanyl	148	157	150	112	153	185	309	353	471	813	939	961	1073	1702	2058	1995	1944	1097	743

1) Deaths may be represented in more than one category due to groupings of drug categories (e.g. heroin)

# Contact Information

This report is compiled by the Virginia Department of Health, Office of the Chief Medical Examiner. For additional information regarding these or other statistics, please contact:

**Kathrin "Rosie" Hobron, MPH**

Statewide Forensic Epidemiologist

Virginia Department of Health

Office of the Chief Medical Examiner

804-786-6063

[kathrin.hobron@vdh.virginia.gov](mailto:kathrin.hobron@vdh.virginia.gov)

<http://www.vdh.state.va.us/medexam/>

This report and associated spreadsheets of various types of drug deaths by locality and year are available on the OCME website: <https://www.vdh.virginia.gov/medical-examiner/forensic-epidemiology/>