

[Supplementary Table 1](#)
[Supplementary Table 2](#)
[Supplementary Table 3](#)
[Supplementary Table 4](#)
[Supplementary Table 5](#)
[Supplementary Table 6](#)
[Supplementary Table 7](#)
[Supplementary Table 8](#)
[Supplementary Table 9](#)
[Supplementary Table 10](#)
[Supplementary Table 11](#)
[Supplementary Table 12](#)
[Supplementary Table 13](#)
[Supplementary Table 14](#)
[Supplementary Table 15](#)
[Supplementary Table 16](#)
[Supplementary Table 17](#)
[Supplementary Table 18](#)
[Supplementary Table 19](#)
[Supplementary Box](#)

SUPPLEMENTARY TABLE 1. Number,* percentage,[†] and rate[§] of deaths, by incident type and manner of death — National Violent Death Reporting System, 50 states[¶] and District of Columbia, 2022

Characteristic	No. (%)	Rate
Incident type		
Single death: Suicide	44,116 (61.2)	14.6
Single death: Homicide	19,667 (27.3)	6.5
Single death: Legal intervention**	957 (1.3)	0.3
Single death: Undetermined intent	5,200 (7.2)	1.7
Single death: Unintentional firearm injury	524 (<1.0)	0.2
Multiple deaths: Suicide only	34 (<1.0)	††
Multiple deaths: Homicide only	809 (1.1)	††
Multiple deaths: Undetermined intent only	32 (<1.0)	††
Multiple deaths: Legal intervention** only	9 (<1.0)	††
Multiple deaths: Legal intervention** and homicide	38 (<1.0)	††
Multiple deaths: Homicide followed by suicide	713 (<1.0)	††
Multiple deaths: Other combinations of deaths ^{§§}	28 (<1.0)	††
Total	72,127 (100)	††
Manner of death		
Suicide	44,917 (60.6)	14.8
Homicide	22,395 (30.2)	7.4
Undetermined intent	5,292 (7.1)	1.7
Legal Intervention**	1,014 (1.4)	0.3
Unintentional firearm	530 (<1.0)	0.2
Total	74,148 (100)	24.5

* The Incident type section reports the number of incidents, including multiple deaths resulting from injuries that are clearly linked by source documents and occur within 24 hours of each other (e.g., multiple homicides perpetrated by the same suspect within a 24-hour period). The Manner of Death section reports the number of deaths. No. incidents = 72,127. No. decedents = 74,148 (73,323 were victims and 825 were both a victim and suspect [e.g., the person killed someone else and then died by suicide]).

[†] Percentages might not total 100% due to rounding.

[§] Per 100,000 population.

[¶] Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#). Denominators for the rates for California, Florida, and Texas represent only the populations of the counties from which the data were collected.

** The term "legal intervention" does not denote the lawfulness or legality of the circumstances surrounding the death.

†† Because the number of decedents varies in incidents involving multiple deaths, numerators cannot be determined to compute rates.

§§ Other combinations of deaths include any incident that does not fit into one of the other incident type categories. These include 11 incidents of suicide and undetermined intent, 2 incidents of suicide and unintentional firearm injury, 2 incidents of multiple unintentional firearm injury, 9 incidents of homicide and undetermined intent, and 4 incidents of suicide and homicide (not homicide followed by suicide).

SUPPLEMENTARY TABLE 2. Number,* percentage,[†] and rate[§] of deaths, by incident type and manner of death — National Violent Death Reporting System, 50 states (California, Florida, and Texas statewide)[¶] and District of Columbia, 2022

Characteristic	No. (%)	Rate
Incident type		
Single death: Suicide	48,707 (61.5)	14.6
Single death: Homicide	21,760 (27.5)	6.5
Single death: Legal intervention**	1,009 (1.3)	0.3
Single death: Undetermined intent	5,486 (6.9)	1.6
Single death: Unintentional firearm injury	569 (<1.0)	0.2
Multiple deaths: Suicide only	34 (<1.0)	††
Multiple deaths: Homicide only	812 (1.0)	††
Multiple deaths: Undetermined intent only	32 (<1.0)	††
Multiple deaths: Legal intervention** only	9 (<1.0)	††
Multiple deaths: Legal intervention** and homicide	38 (<1.0)	††
Multiple deaths: Homicide followed by suicide	715 (<1.0)	††
Multiple deaths: Other combinations of deaths ^{§§}	29 (<1.0)	††
Total	79,200 (100)	††
Manner of death		
Suicide	49,511 (60.9)	14.9
Homicide	24,518 (30.2)	7.4
Undetermined intent	5,578 (6.9)	1.7
Legal Intervention**	1,066 (1.3)	0.3
Unintentional firearm	575 (<1.0)	0.2
Total	81,248 (100)	24.4

* The Incident type section reports the number of incidents, including multiple deaths resulting from injuries that are clearly linked by source documents and occur within 24 hours of each other (e.g., multiple homicides perpetrated by the same suspect within a 24-hour period). The Manner of death section reports the number of deaths. No. incidents = 79,200. No. decedents = 81,248 (80,421 were victims and 827 were both a victim and suspect [e.g., the person killed someone else and then died by suicide]).

[†] Percentages might not total 100% due to rounding.

[§] Per 100,000 population.

[¶] Data for California, Florida, and Texas represent counts of violent deaths that occurred statewide based on death certificate information only.

** The term "legal intervention" does not denote the lawfulness or legality of the circumstances surrounding the death.

†† Because the number of decedents varies in incidents involving multiple deaths, numerators cannot be determined to compute rates.

§§ Other combinations of deaths include any incident that does not fit into one of the other incident type categories. These include 11 incidents of suicide and undetermined intent, 2 incidents of suicide and unintentional firearm injury, 2 incidents of multiple unintentional firearm injury, 9 incidents of homicide and undetermined intent, and 5 incidents of suicide and homicide (not homicide followed by suicide).

SUPPLEMENTARY TABLE 3. Number and percentage* of deaths, by method of injury used and location in which injury occurred — National Violent Death Reporting System, 50 states† and District of Columbia, 2022

Characteristic	No. (%)
Method of injury	
Firearm	42,352 (57.1)
Hanging, strangulation, or suffocation	11,591 (15.6)
Poisoning	8,396 (11.3)
Sharp instrument	2,826 (3.8)
Fall	1,393 (1.9)
Blunt instrument	1,108 (1.5)
Motor vehicle (e.g., bus, motorcycle, or other transport vehicle)	1,045 (1.4)
Drowning	693 (<1.0)
Personal weapons (e.g., hands, feet, or fists)	621 (<1.0)
Fire or burns	417 (<1.0)
Intentional neglect	109 (<1.0)
Shaking (e.g., shaken baby syndrome)	49 (<1.0)
Other (e.g., Taser, electrocution, or nail gun)	162 (<1.0)
Unknown	3,386 (4.6)
Total	74,148 (100)
Location of injury	
House or apartment	45,452 (61.3)
Street or highway	6,308 (8.5)
Motor vehicle	4,966 (6.7)
Natural area	2,622 (3.5)
Parking lot, public garage, or public transport	1,989 (2.7)
Commercial or retail area	1,767 (2.4)
Hotel or motel	1,520 (2.0)
Park, playground, or sports or athletic area	1,084 (1.5)
Jail or prison	863 (1.2)
Supervised residential facility	540 (<1.0)
Bar or nightclub	357 (<1.0)
Bridge	351 (<1.0)
Railroad tracks	343 (<1.0)
Hospital or medical facility	280 (<1.0)
Industrial or construction area	214 (<1.0)
Abandoned house, building, or warehouse	196 (<1.0)

Preschool, school, college, or school bus	175 (<1.0)
Farm	133 (<1.0)
Cemetery, graveyard, or other burial ground	125 (<1.0)
Office building	121 (<1.0)
Synagogue, church, or temple	68 (<1.0)
Other unspecified location	1,530 (2.1)
Unknown	3,144 (4.2)
Total	74,148 (100)

* Percentages might not total 100% due to rounding.

† Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

SUPPLEMENTARY TABLE 4. Number* and percentage† of suicide decedents who experienced or anticipated a crisis, by decedent sex and type of crisis circumstance — National Violent Death Reporting System, 50 states§ and District of Columbia, 2022

Type of crisis	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Crisis during previous or upcoming 2 weeks	8,706 (100)	1,989 (100)	10,696 (100)
Intimate partner problem	3,367 (38.7)	723 (36.3)	4,090 (38.2)
Physical health problem	1,269 (14.6)	230 (11.6)	1,499 (14.0)
Recent criminal legal problem	1,144 (13.1)	112 (5.6)	1,256 (11.7)
Current diagnosed mental health problem	709 (8.1)	253 (12.7)	962 (9.0)
Alcohol problem	630 (7.2)	161 (8.1)	791 (7.4)
Job problem	645 (7.4)	121 (6.1)	766 (7.2)
Family relationship problem	565 (6.5)	178 (8.9)	744 (7.0)
Eviction or loss of home	390 (4.5)	98 (4.9)	488 (4.6)
Substance use problem (excludes alcohol)	345 (4.0)	108 (5.4)	453 (4.2)
Financial problem	371 (4.3)	80 (4.0)	451 (4.2)
Other death (not suicide) of family member or friend	329 (3.8)	109 (5.5)	438 (4.1)
Non-criminal legal problem	311 (3.6)	86 (4.3)	397 (3.7)
Other relationship problem (non-intimate and non-family)	208 (2.4)	39 (2.0)	247 (2.3)
Exposure to disaster	103 (1.2)	28 (1.4)	131 (1.2)
School problem	84 (<1.0)	28 (1.4)	112 (1.0)
Suicide of family member or friend	68 (<1.0)	38 (1.9)	106 (<1.0)
Other addiction (e.g., gambling or sex)	32 (<1.0)	1 (<1.0)	33 (<1.0)
Other crisis	950 (10.9)	237 (11.9)	1,187 (11.1)

* Includes decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Numbers will not equal the sums of the columns because more than one crisis could have been present per decedent.

† Denominator includes only those decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced or anticipated more than one crisis.

§ Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

SUPPLEMENTARY TABLE 5. Number* and percentage[†] of homicides precipitated by another crime, by type of crime — National Violent Death Reporting System, 50 states[§] and District of Columbia, 2022

Type of crime	No. (%)
Precipitated by another crime	3,488 (100.0)
Assault or homicide	1,788 (51.3)
Robbery	883 (25.3)
Burglary	376 (10.8)
Drug trade	370 (10.6)
Motor vehicle theft	166 (4.8)
Rape or sexual assault	66 (1.9)
Arson	38 (1.1)
Witness intimidation or elimination	32 (<1.0)
Gambling	12 (<1.0)
Other crime	363 (10.4)
Unknown	24 (<1.0)

* Includes deaths precipitated by another crime. Number will not equal the sum of the column because a death could have been precipitated by more than one crime.

[†] Denominator includes those decedents involved in an incident that was precipitated by another crime. Percentages do not sum to 100% because a decedent could have experienced more than one crime.

[§] Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

SUPPLEMENTARY TABLE 6. Number* and percentage† of homicide decedents who experienced or anticipated a crisis, by decedent sex and type of crisis circumstance — National Violent Death Reporting System, 50 states§ and District of Columbia, 2022

Type of crisis	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Crisis during previous or upcoming 2 weeks	886 (100)	294 (100)	1,180 (100)
Other relationship problem (non-intimate and non-family)	363 (41.0)	52 (17.7)	415 (35.2)
Family relationship problem	244 (27.5)	103 (35.0)	347 (29.4)
Jealousy (lovers' triangle)	76 (8.6)	29 (9.9)	105 (8.9)
Substance use problem (excludes alcohol)	47 (5.3)	12 (4.1)	59 (5.0)
Alcohol problem	26 (2.9)	5 (1.7)	31 (2.6)
Current diagnosed mental health problem	14 (1.6)	3 (1.0)	17 (1.4)
Stalking	7 (<1.0)	9 (3.1)	16 (1.4)
Prostitution	11 (1.2)	5 (1.7)	16 (1.4)
Exposure to disaster	10 (1.1)	5 (1.7)	15 (1.3)
Other addiction (e.g., gambling or sex)	1 (<1.0)	0 (0.0)	1 (<1.0)
Other crisis	165 (18.6)	62 (21.1)	227 (19.2)

* Includes decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Numbers will not equal the sums of the columns because more than one crisis could have been present per decedent.

† Denominator includes only those decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced or anticipated more than one crisis.

§ Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

SUPPLEMENTARY TABLE 7. Number* and percentage of homicide decedents tested for alcohol and drugs and whose results were positive,[†] by toxicology variable — National Violent Death Reporting System, 50 states[§] and District of Columbia, 2022

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration [¶]	11,962 (53.4)	4,475 (37.4)
Blood alcohol <0.08 g/dL		1,712 (38.3)
Blood alcohol ≥0.08 g/dL		2,531 (56.6)
Blood alcohol positive, level unknown		232 (5.2)
Amphetamines	10,122 (45.2)	2,693 (26.6)
Anticonvulsants	4,217 (18.8)	389 (9.2)
Antidepressants	4,933 (22.0)	396 (8.0)
Antipsychotics	4,148 (18.5)	123 (3.0)
Barbiturates	7,925 (35.4)	69 (<1.0)
Benzodiazepines	8,809 (39.3)	801 (9.1)
Cannabis**	10,386 (46.4)	5,988 (57.7)
Carbon monoxide	630 (2.8)	138 (21.9)
Cocaine	9,768 (43.6)	1,605 (16.4)
Muscle relaxants	4,700 (21.0)	93 (2.0)
Opioids	10,056 (44.9)	2,148 (21.4)
Other drugs or substances ^{††}	1,656 (7.4)	1,561 (94.3)

* Number of homicide decedents = 22,395. More than one substance could have been tested for or positive per decedent.

[†] Percentage is of decedents tested for toxicology.

[§] Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

[¶] Blood alcohol concentration of ≥0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

** Commonly referred to as marijuana.

^{††} Other drugs or substances indicated if any results were positive.

SUPPLEMENTARY TABLE 8. Number* and percentage[†] of males[§] who died by legal intervention[¶] and experienced or anticipated a crisis, by type of crisis circumstance — National Violent Death Reporting System, 50 states and District of Columbia, 2022**

Type of crisis	No. (%)
Crisis during previous or upcoming 2 weeks	106 (100)
Family relationship problem	33 (31.1)
Current diagnosed mental health problem	20 (18.9)
Alcohol problem	8 (7.5)
Substance use problem (excludes alcohol)	7 (6.6)
Other relationship problem (non-intimate and non-family)	6 (5.7)
Other addiction (e.g., gambling or sex)	1 (<1.0)
Stalking	1 (<1.0)
Prostitution	1 (<1.0)
Jealousy (lovers' triangle)	0 (0.0)
Exposure to disaster	0 (0.0)
Other crisis	39 (36.8)

* Includes decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Number will not equal the sum of the column because more than one crisis could have been present per decedent.

[†] Denominator includes only those decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced or anticipated more than one crisis.

[§] Number and percentage of female legal intervention decedents excluded due to low counts.

[¶] The term "legal intervention" does not denote the lawfulness or legality of the circumstances surrounding the death.

** Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

SUPPLEMENTARY TABLE 9. Number* and percentage of legal intervention[†] decedents tested for alcohol and drugs and whose results were positive,[§] by toxicology variable — National Violent Death Reporting System, 50 states[¶] and District of Columbia, 2022

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration**	587 (57.9)	231 (39.4)
Blood alcohol <0.08 g/dL		69 (29.9)
Blood alcohol ≥0.08 g/dL		151 (65.4)
Blood alcohol positive, level unknown		11 (4.8)
Amphetamines	604 (59.6)	305 (50.5)
Anticonvulsants	228 (22.5)	35 (15.4)
Antidepressants	305 (30.1)	50 (16.4)
Antipsychotics	237 (23.4)	12 (5.1)
Barbiturates	412 (40.6)	4 (1.0)
Benzodiazepines	509 (50.2)	59 (11.6)
Cannabis ^{††}	554 (54.6)	280 (50.5)
Carbon monoxide	22 (2.2)	6 (27.3)
Cocaine	522 (51.5)	76 (14.6)
Muscle relaxants	252 (24.9)	13 (5.2)
Opioids	557 (54.9)	134 (24.1)
Other drugs or substances ^{§§}	112 (11.0)	106 (94.6)

* Number of legal intervention decedents = 1,014. More than one substance could have been tested for or positive per decedent.

[†] The term "legal intervention" does not denote the lawfulness or legality of the circumstances surrounding the death.

[§] Percentage is of decedents tested for toxicology.

[¶] Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

** Blood alcohol concentration of ≥0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

^{††} Commonly referred to as marijuana.

^{§§} Other drugs or substances indicated if any results were positive.

SUPPLEMENTARY TABLE 10. Number, percentage,* and rate[†] of deaths of undetermined intent,[§] by decedent's selected demographics,[¶] method of injury, location of injury, and incident characteristics — National Violent Death Reporting System, 50 states and District of Columbia, 2022**

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Age group, yrs						
<1	76 (2.2)	4.5	51 (2.8)	3.1	127 (2.4)	3.8
1–4	64 (1.8)	0.9	45 (2.5)	0.7	109 (2.1)	0.8
5–9	18 (<1.0)	— ^{††}	13 (<1.0)	—	31 (<1.0)	0.2
10–14	37 (1.1)	0.4	14 (<1.0)	—	51 (<1.0)	0.3
15–19	88 (2.5)	0.9	46 (2.5)	0.5	134 (2.5)	0.7
20–24	160 (4.6)	1.5	71 (3.9)	0.7	231 (4.4)	1.1
25–29	264 (7.6)	2.6	148 (8.2)	1.5	413 (7.8)	2.0
30–34	369 (10.6)	3.4	184 (10.2)	1.8	553 (10.4)	2.6
35–44	777 (22.3)	3.9	364 (20.1)	1.9	1,141 (21.6)	2.9
45–54	634 (18.2)	3.4	347 (19.2)	1.9	981 (18.5)	2.7
55–64	611 (17.6)	3.2	304 (16.8)	1.6	915 (17.3)	2.4
65–74	270 (7.8)	1.9	135 (7.5)	0.8	405 (7.7)	1.3
75–84	80 (2.3)	1.1	53 (2.9)	0.6	133 (2.5)	0.8
≥85	25 (<1.0)	1.2	36 (2.0)	0.9	61 (1.2)	1.0
Unknown	5 (<1.0)	—	1 (<1.0)	—	7 (<1.0)	—
Race and ethnicity^{§§}						
White	1,995 (57.4)	2.2	1,184 (65.3)	1.3	3,179 (60.1)	1.7
Black or African American	912 (26.2)	4.8	406 (22.4)	2.0	1,318 (24.9)	3.3
American Indian or Alaska Native	61 (1.8)	5.4	30 (1.7)	2.6	91 (1.7)	4.0
Asian	64 (1.8)	0.7	33 (1.8)	0.4	97 (1.8)	0.5
Native Hawaiian or other Pacific Islander	6 (<1.0)	—	0 (0.0)	—	6 (<1.0)	—
More than one race	39 (1.1)	—	31 (1.7)	—	71 (1.3)	—
Hispanic or Latino	366 (10.5)	1.4	119 (6.6)	0.5	485 (9.2)	0.9
Unspecified or Unknown	35 (1.0)	—	9 (<1.0)	—	45 (<1.0)	—
Method of injury						
Poisoning	2,037 (58.6)	1.4	1,177 (65.0)	0.8	3,214 (60.7)	1.1
Firearm	201 (5.8)	0.1	67 (3.7)	<0.1	268 (5.1)	<0.1
Drowning	193 (5.5)	0.1	61 (3.4)	<0.1	254 (4.8)	<0.1
Blunt instrument	179 (5.1)	0.1	44 (2.4)	<0.1	223 (4.2)	<0.1
Fire or burns	97 (2.8)	<0.1	72 (4.0)	<0.1	169 (3.2)	<0.1

Fall	103 (3.0)	<0.1	42 (2.3)	<0.1	146 (2.8)	<0.1
Motor vehicle (e.g., bus, motorcycle, or other transport vehicle)	108 (3.1)	<0.1	38 (2.1)	<0.1	146 (2.8)	<0.1
Hanging, strangulation, or suffocation	85 (2.4)	<0.1	42 (2.3)	<0.1	127 (2.4)	<0.1
Sharp instrument	37 (1.1)	<0.1	4 (<1.0)	—	41 (<1.0)	<0.1
Personal weapons (e.g., hands, feet, or fists)	23 (<1.0)	<0.1	13 (<1.0)	—	36 (<1.0)	<0.1
Intentional neglect	7 (<1.0)	—	19 (1.0)	—	26 (<1.0)	<0.1
Shaking (e.g., shaken baby syndrome)	0 (0.0)	—	1 (<1.0)	—	1 (<1.0)	—
Other (e.g., Taser, electrocution, or nail gun)	34 (<1.0)	—	15 (<1.0)	—	49 (<1.0)	—
Unknown	374 (10.8)	—	217 (12.0)	—	592 (11.2)	—
Location of injury						
House or apartment	1,917 (55.1)	1.3	1,272 (70.2)	0.8	3,189 (60.3)	1.1
Natural area	231 (6.6)	0.2	70 (3.9)	<0.1	301 (5.7)	0.1
Street or highway	185 (5.3)	0.1	53 (2.9)	<0.1	238 (4.5)	<0.1
Hotel or motel	130 (3.7)	<0.1	59 (3.3)	<0.1	189 (3.6)	<0.1
Motor vehicle	140 (4.0)	<0.1	43 (2.4)	<0.1	183 (3.5)	<0.1
Supervised residential facility	73 (2.1)	<0.1	33 (1.8)	<0.1	106 (2.0)	<0.1
Parking lot, public garage, or public transport	82 (2.4)	<0.1	18 (<1.0)	—	100 (1.9)	<0.1
Abandoned house, building, or warehouse	52 (1.5)	<0.1	14 (<1.0)	—	66 (1.2)	<0.1
Other location ^{¶¶}	280 (8.1)	—	74 (4.1)	—	355 (6.7)	—
Unknown	388 (11.2)	—	176 (9.7)	—	565 (10.7)	—
Incident characteristic						
Emergency medical services present	2,488 (71.5)	1.7	1,288 (71.1)	0.8	3,776 (71.4)	1.3
Injured at victim's home	1,582 (45.5)	1.1	1,048 (57.8)	0.7	2,630 (49.7)	0.9
Victim was suspected of alcohol use preceding the incident	537 (15.4)	0.4	243 (13.4)	0.2	780 (14.7)	0.3
Victim was recently released from an institutional setting	246 (7.1)	0.2	135 (7.5)	<0.1	382 (7.2)	0.1
Child present or witnessed incident	152 (4.4)	0.1	140 (7.7)	<0.1	292 (5.5)	0.1
Victim was experiencing homelessness	212 (6.1)	0.1	59 (3.3)	<0.1	271 (5.1)	<0.1
Victim was experiencing housing instability	91 (2.6)	<0.1	43 (2.4)	<0.1	134 (2.5)	<0.1
Victim was in public custody when injury occurred	77 (2.2)	<0.1	14 (<1.0)	—	91 (1.7)	<0.1

Victim was injured at work or while working	32 (<1.0)	<0.1	6 (<1.0)	—	38 (<1.0)	<0.1
Total	3,478 (100)	2.3	1,812 (100)	1.2	5,292 (100)	1.7

* Percentages might not total 100% due to rounding.

† Per 100,000 population.

§ Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

¶ Sex was unknown for two decedents.

** Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#). Denominators for the rates for California, Florida, and Texas represent only the populations of the counties from which the data were collected.

†† Rates are not reported when number of decedents is <20 or when characteristic response is "Other" or "Unknown."

§§ Persons of Hispanic or Latino (Hispanic) origin might be of any race but are categorized as Hispanic; all racial groups are non-Hispanic.

¶¶ Other location includes (in descending order): park, playground, or sports or athletic area; commercial or retail area; hospital or medical facility; jail or prison; railroad tracks; bridge; industrial or construction area; office building; preschool, school, college, or school bus; bar or nightclub; cemetery, graveyard, or other burial ground; farm; and other unspecified location.

SUPPLEMENTARY TABLE 11. Number* and percentage of decedents of deaths of undetermined intent[†] tested for alcohol and drugs and whose results were positive,[§] by toxicology variable — National Violent Death Reporting System, 50 states[¶] and District of Columbia, 2022

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration**	3,298 (62.3)	1,242 (37.7)
Blood alcohol <0.08 g/dL		419 (33.7)
Blood alcohol ≥0.08 g/dL		582 (46.9)
Blood alcohol positive, level unknown		241 (19.4)
Amphetamines	2,076 (39.2)	743 (35.8)
Anticonvulsants	1,543 (29.2)	416 (27.0)
Antidepressants	1,807 (34.1)	805 (44.5)
Antipsychotics	1,419 (26.8)	275 (19.4)
Barbiturates	1,593 (30.1)	37 (2.3)
Benzodiazepines	2,020 (38.2)	637 (31.5)
Cannabis ^{††}	1,849 (34.9)	580 (31.4)
Carbon monoxide	279 (5.3)	166 (59.5)
Cocaine	2,460 (46.5)	955 (38.8)
Muscle relaxants	1,348 (25.5)	126 (9.3)
Opioids	3,372 (63.7)	2,396 (71.1)
Other drugs or substances ^{§§}	812 (15.3)	782 (96.3)

* Number of decedents of undetermined intent = 5,292. More than one substance could have been tested for or positive per decedent.

[†] Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

[§] Percentage is of decedents tested for toxicology.

[¶] Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

** Blood alcohol concentration of ≥0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

^{††} Commonly referred to as marijuana.

^{§§} Other drugs or substances indicated if any results were positive.

SUPPLEMENTARY TABLE 12. Number* and percentage[†] of deaths of undetermined intent,[§] by decedent sex and precipitating circumstances — National Violent Death Reporting System, 50 states[¶] and District of Columbia, 2022

	Male	Female	Total
Precipitating circumstance	No. (%)	No. (%)	No. (%)
Mental health and substance use			
Current diagnosed mental health problem**	828 (32.1)	616 (44.4)	1,444 (36.4)
Depression or dysthymia	405 (48.9)	364 (59.1)	769 (53.3)
Anxiety disorder	184 (22.2)	213 (34.6)	397 (27.5)
Bipolar disorder	182 (22.0)	165 (26.8)	347 (24.0)
Schizophrenia	128 (15.5)	64 (10.4)	192 (13.3)
Posttraumatic stress disorder	49 (5.9)	24 (3.9)	73 (5.1)
Attention deficit disorder or attention hyperactivity disorder	52 (6.3)	17 (2.8)	69 (4.8)
Dementia	19 (2.3)	19 (3.1)	38 (2.6)
Autism spectrum	21 (2.5)	5 (<1.0)	26 (1.8)
Obsessive compulsive disorder	4 (<1.0)	2 (<1.0)	6 (<1.0)
Eating disorder	1 (<1.0)	3 (<1.0)	4 (<1.0)
Down syndrome	2 (<1.0)	1 (<1.0)	3 (<1.0)
Fetal alcohol syndrome	1 (<1.0)	0 (0.0)	1 (<1.0)
Other	57 (6.9)	26 (4.2)	83 (5.7)
Unknown	83 (10.0)	49 (8.0)	132 (9.1)
Substance use problem (excludes alcohol)	1,694 (65.6)	819 (59.0)	2,513 (63.3)
History of ever being treated for a mental health or substance use problem	625 (24.2)	437 (31.5)	1,062 (26.8)
Alcohol problem	667 (25.8)	300 (21.6)	967 (24.4)
Current mental health or substance use treatment	452 (17.5)	349 (25.2)	801 (20.2)
Current depressed mood	159 (6.2)	129 (9.3)	289 (7.3)
Non-adherence to mental health or substance use treatment	66 (2.6)	56 (4.0)	122 (3.1)
Other addiction (e.g., gambling or sex)	6 (<1.0)	7 (<1.0)	13 (<1.0)
Interpersonal factor			
Intimate partner problem	139 (5.4)	96 (6.9)	236 (5.9)
Family relationship problem	76 (2.9)	48 (3.5)	124 (3.1)
Other death (not suicide) of family member or friend	52 (2.0)	50 (3.6)	102 (2.6)
Other relationship problem (non-intimate and non-family)	49 (1.9)	20 (1.4)	69 (1.7)
Victim of interpersonal violence during past month	17 (<1.0)	34 (2.5)	51 (1.3)
Perpetrator of interpersonal violence during past month	15 (<1.0)	4 (<1.0)	19 (<1.0)
Suicide of family member or friend	6 (<1.0)	7 (<1.0)	13 (<1.0)

Life stressor			
Victim known to authorities	465 (18.0)	202 (14.6)	667 (16.8)
Crisis during previous or upcoming 2 weeks	326 (12.6)	182 (13.1)	508 (12.8)
Physical health problem	272 (10.5)	201 (14.5)	473 (11.9)
Argument or conflict	165 (6.4)	105 (7.6)	270 (6.8)
Household known to local authorities	87 (3.4)	76 (5.5)	163 (4.1)
Caretaker abuse or neglect	58 (2.2)	60 (4.3)	118 (3.0)
History of traumatic brain injury	85 (3.3)	23 (1.7)	108 (2.7)
Contributing recent criminal legal problem	62 (2.4)	13 (<1.0)	75 (1.9)
Exposure to disaster	35 (1.4)	30 (2.2)	65 (1.6)
Physical fight (two persons, not a brawl)	48 (1.9)	10 (<1.0)	58 (1.5)
Job problem	44 (1.7)	10 (<1.0)	54 (1.4)
Financial problem	33 (1.3)	12 (<1.0)	45 (1.1)
Eviction or loss of home	27 (1.0)	18 (1.3)	45 (1.1)
History of child abuse or neglect	24 (<1.0)	17 (1.2)	41 (1.0)
Family stressor	20 (<1.0)	20 (1.4)	40 (1.0)
Living transition or loss of independent living	17 (<1.0)	5 (<1.0)	22 (<1.0)
Non-criminal legal problem	10 (<1.0)	8 (<1.0)	19 (<1.0)
Traumatic anniversary	8 (<1.0)	3 (<1.0)	11 (<1.0)
School problem	3 (<1.0)	4 (<1.0)	7 (<1.0)
Caregiver burden	4 (<1.0)	1 (<1.0)	5 (<1.0)
Crime and criminal activity			
Precipitated by another crime	49 (1.9)	23 (1.7)	72 (1.8)
Crime in progress ^{††}	26 (53.1)	9 (39.1)	35 (48.6)
Suicide and self-harm events			
History of suicidal thoughts or plans	319 (12.4)	209 (15.1)	528 (13.3)
History of attempting suicide	175 (6.8)	160 (11.5)	335 (8.4)
History of non-suicidal self-harm	41 (1.6)	40 (2.9)	81 (2.0)
Left a suicide note	37 (1.4)	42 (3.0)	79 (2.0)
Suicide disclosure			
Disclosed suicidal intent	158 (6.1)	81 (5.8)	239 (6.0)
Disclosed intent to whom ^{§§}			
Family member (excludes intimate partner)	64 (40.5)	22 (27.2)	86 (36.0)
Former or current intimate partner	41 (25.9)	32 (39.5)	73 (30.5)
Friend or colleague	17 (10.8)	14 (17.3)	31 (13.0)
Health care worker	17 (10.8)	7 (8.6)	24 (10.0)

Through social media or other electronic means	6 (3.8)	4 (4.9)	10 (4.2)
Neighbor	5 (3.2)	2 (2.5)	7 (2.9)
Other	16 (10.1)	7 (8.6)	23 (9.6)
Unknown	13 (8.2)	6 (7.4)	19 (7.9)
Child victim incident^{¶¶}			
Substance use problems in child victim's household	39 (29.8)	9 (11.3)	48 (22.7)
Previous Child Protective Services report on child victim's household	24 (18.3)	9 (11.3)	33 (15.6)
Total***	2,582 (74.2)	1,387 (76.5)	3,970 (75.0)

* Includes deaths of undetermined intent with one or more precipitating circumstances. More than one circumstance could have been present per decedent.

† Denominator includes those deaths of undetermined intent with one or more precipitating circumstances. The sums of percentages in columns exceed 100% because more than one circumstance could have been present per decedent.

§ Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

¶ Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

** Includes decedents with one or more diagnosed current mental health problems; therefore, sums of percentages for the diagnosed conditions exceed 100%. Denominator in percentages is the number of decedents with one or more current diagnosed mental health problems.

†† Denominator includes those decedents involved in an incident that was precipitated by another crime.

§§ Denominator is decedents who disclosed intent. The sum of percentages exceed 100% because more than one response could have been present per decedent.

¶¶ Circumstance variables in this category are applicable exclusively to children. Denominator includes decedents aged 0–17 years with circumstances known (n = 211; 131 males and 80 females). Circumstances were unknown for 164 child decedents; total number of deaths of undetermined intent in children = 375.

*** Circumstances were unknown for 1,322 decedents (896 males, 425 females, and one unknown). Total number of deaths of undetermined intent = 5,292 (3,478 males, 1,812 females and two unknown).

SUPPLEMENTARY TABLE 13. Number* and percentage[†] of decedents of deaths of undetermined intent[§] who recently experienced or anticipated a crisis, by decedent sex and type of crisis circumstance — National Violent Death Reporting System, 50 states[¶] and District of Columbia, 2022

Type of crisis	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Crisis during previous or upcoming 2 weeks	326 (100)	182 (100)	508 (100)
Substance use problem (excludes alcohol)	101 (31.0)	42 (23.1)	143 (28.1)
Intimate partner problem	60 (18.4)	42 (23.1)	102 (20.1)
Alcohol problem	49 (15.0)	24 (13.2)	73 (14.4)
Physical health problem	25 (7.7)	20 (11.0)	45 (8.9)
Current diagnosed mental health problem	19 (5.8)	15 (8.2)	34 (6.7)
Recent criminal legal problem	26 (8.0)	3 (1.6)	29 (5.7)
Family relationship problem	13 (4.0)	9 (4.9)	22 (4.3)
Job problem	15 (4.6)	2 (1.1)	17 (3.3)
Eviction or loss of home	11 (3.4)	6 (3.3)	17 (3.3)
Other relationship problem (non-intimate and non-family)	12 (3.7)	4 (2.2)	16 (3.1)
Other death (not suicide) of family member or friend	10 (3.1)	6 (3.3)	16 (3.1)
Financial problem	8 (2.5)	3 (1.6)	11 (2.2)
Exposure to disaster	4 (1.2)	6 (3.3)	10 (2.0)
Non-criminal legal problem	4 (1.2)	2 (1.1)	6 (1.2)
School problem	1 (<1.0)	1 (<1.0)	2 (<1.0)
Suicide of family member or friend	1 (<1.0)	1 (<1.0)	2 (<1.0)
Other addiction (e.g., gambling or sex)	1 (<1.0)	0 (0.0)	1 (<1.0)
Other crisis	58 (17.8)	38 (20.9)	96 (18.9)

* Includes decedents who experienced one or more crises during the previous or upcoming two weeks. Numbers will not equal the sums of the columns because more than one crisis could have been present per decedent.

[†] Denominator includes only those decedents who experienced one or more crises during the previous or upcoming two weeks.

Percentages do not sum to 100% because a decedent could have experienced more than one crisis.

[§] Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

[¶] Data for California are for deaths that occurred in 32 counties, data for Florida are for deaths that occurred in 32 counties, and data for Texas are for deaths that occurred in 13 counties. See [Supplementary Box](#).

SUPPLEMENTARY TABLE 14. Number, percentage,* and rate† of homicides, by decedent’s selected demographics, method of injury, location of injury, incident characteristics, and victim-to-suspect relationship — National Violent Death Reporting System, Puerto Rico, 2022

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Age group, yrs						
<1–17	19 (3.5)	§	¶	§	¶	§
18–29	220 (40.4)	85.4	16 (30.2)	§	236 (39.5)	46.4
30–44	218 (40.0)	77.3	20 (37.7)	6.5	238 (39.8)	40.4
45–64	76 (13.9)	19.3	13 (24.5)	§	89 (14.9)	10.5
≥65	11 (2.0)	§	¶	§	¶	§
Unknown	¶	§	0 (0.0)	§	¶	§
Race and ethnicity**						
American Indian or Alaska Native	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Asian	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Black or African American	¶	††	0 (0.0)	††	¶	††
Native Hawaiian or other Pacific Islander	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
White	¶	††	¶	††	¶	††
More than one race	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Hispanic or Latino	530 (97.2)	††	52 (98.1)	††	582 (97.3)	††
Unspecified or Unknown	¶	††	0 (0.0)	††	¶	††
Method of injury						
Firearm	514 (94.3)	33.8	46 (86.8)	2.7	560 (93.6)	17.4
Sharp instrument	13 (2.4)	§	¶	§	¶	§
Blunt instrument	¶	§	¶	§	¶	§
Other method§§	12 (2.2)	§	¶	§	¶	§
Unknown	0 (0.0)	§	¶	§	¶	§
Location of injury						
Street or highway	223 (40.9)	14.7	¶	§	¶	7.1
Motor vehicle	134 (24.6)	8.8	18 (34.0)	§	152 (25.4)	4.7
House or apartment	60 (11.0)	3.9	18 (34.0)	§	78 (13.0)	2.4
Bar or nightclub	24 (4.4)	1.6	¶	§	¶	§
Commercial or retail area	21 (3.9)	1.4	¶	§	¶	§
Natural area	19 (3.5)	§	¶	§	¶	§
Park, playground, or sports or athletic area	¶	§	0 (0.0)	§	¶	§

Parking lot, public garage, or public transport	¶	§	¶	§	¶	§
Other location ¶¶	40 (7.3)	§	¶	§	¶	§
Unknown	10 (1.8)	§	¶	§	¶	§
Incident characteristic						
Emergency medical services present	97 (17.8)	6.4	¶	§	¶	3.3
Injured at victim's home	48 (8.8)	3.2	15 (28.3)	§	63 (10.5)	2.0
Victim was injured at work or while working	13 (2.4)	§	¶	§	¶	§
Victim was in public custody when injury occurred	14 (2.6)	§	0 (0.0)	§	14 (2.3)	§
Victim was experiencing homelessness	13 (2.4)	§	0 (0.0)	§	13 (2.2)	§
Child present or witnessed incident	¶	§	¶	§	¶	§
Victim was suspected of alcohol use preceding the incident	¶	§	0 (0.0)	§	¶	§
Victim was recently released from an institutional setting	¶	§	0 (0.0)	§	¶	§
Victim was experiencing housing instability	¶	§	0 (0.0)	§	¶	§
Relationship of victim to suspect***						
Other person, known to victim	21 (36.8)	1.4	0 (0.0)	§	21 (28.8)	0.7
Spouse or intimate partner (current or former)	¶	§	12 (75.0)	§	¶	§
Stranger	15 (26.3)	§	¶	§	¶	§
Other relationship †††	15 (26.3)	§	¶	§	¶	§
Total	545 (100)	35.8	53 (100)	3.1	598 (100)	18.6

* Percentages might not total 100% due to rounding.

† Per 100,000 population.

§ Rates are not reported when number of decedents is <20 or when characteristic response is "Other" or "Unknown."

¶ Number of deaths <10 in Male or Female columns (and also suppressed in Total column); number is not reported to retain confidentiality.

** Persons of Hispanic or Latino (Hispanic) origin might be of any race but are categorized as Hispanic; all racial groups are non-Hispanic.

†† Rates by race and ethnicity are not provided because U.S. Census information for Puerto Rico is not available.

§§ Other method includes (in descending order): personal weapons (e.g., hands, feet, fists); hanging, strangulation, or suffocation; fire or burns; poisoning; fall; and other (single method).

¶¶ Other location includes (in descending order): abandoned house, building, or warehouse; jail or prison; and other unspecified location.

*** Percentage is based on the number of homicide decedents with a known victim-to-suspect relationship (n = 73 [12.2%]; 57 [10.5%] males and 16 [30.2%] females); victim-to-suspect relationship was unknown for 525 decedents.

††† Other relationship includes (in descending order): acquaintance or friend; other relative; parent; rival gang member; intimate partner of suspect's parent (e.g., teenager kills his mother's boyfriend).

SUPPLEMENTARY TABLE 15. Number, percentage,* and rate† of suicides, by decedent’s selected demographics, method of injury, and location of injury, and incident characteristics — National Violent Death Reporting System, Puerto Rico, 2022

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Age Group (years)						
<18	0 (0.0)	\$	¶	\$	¶	\$
18–29	21 (13.0)	8.1	¶	\$§	¶	\$
30–44	38 (23.5)	13.5	11 (39.3)	\$	49 (25.8)	\$
45–64	53 (32.7)	13.5	¶	\$	¶	\$
≥65	50 (30.9)	15.4	¶	\$	¶	\$
Unknown	0 (0.0)	\$	0 (0.0)	\$	0 (0.0)	\$
Race and ethnicity**						
White	¶	††	0 (0.0)	††	¶	††
Black or African American	¶	††	0 (0.0)	††	¶	††
American Indian or Alaska Native	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Asian	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Native Hawaiian or other Pacific Islander	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
More than one race	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Hispanic or Latino	156 (96.3)	††	28 (100)	††	184 (96.8)	††
Unspecified or Unknown	¶	††	0 (0.0)	††	¶	††
Method of injury						
Hanging, strangulation, or suffocation	101 (62.3)	6.6	15 (53.6)	\$	116 (61.1)	\$
Firearm	38 (23.5)	2.5	¶	\$	¶	\$
Poisoning	11 (6.8)	\$	¶	\$	¶	\$
Fall	¶	\$	¶	\$	¶	\$
Fire or burns	¶	\$	¶	\$	¶	\$
Other method§§	¶	\$	0 (0.0)	\$	¶	\$
Unknown	¶	\$	0 (0.0)	\$	¶	\$
Location of injury						
House or apartment	129 (79.6)	8.5	22 (78.6)	1.3	151 (79.5)	4.7
Motor vehicle	¶	\$	0 (0.0)	\$	¶	\$
Natural area	¶	\$	0 (0.0)	\$	¶	\$
Street or highway	¶	\$	¶	\$	¶	\$
Park, playground, or sports or athletic area	¶	\$	0 (0.0)	\$	¶	\$

Farm	¶	§	0 (0.0)	§	¶	§
Bridge	¶	§	¶	§	¶	§
Other location ¶¶	10 (6.2)	§	¶	§	¶	§
Incident characteristic						
Injured at victim's home	119 (73.5)	7.8	21 (75.0)	1.2	140 (73.7)	4.3
Emergency medical services present	39 (24.1)	2.6	11 (39.3)	§	50 (26.3)	§
Victim was recently released from an institutional setting	¶	§	¶	§	¶	§
Victim was suspected of alcohol use preceding the incident	¶	§	¶	§	¶	§
Child present or witnessed incident	¶	§	¶	§	¶	§
Victim was injured at work or while working	¶	§	0 (0.0)	§	¶	§
Victim was in public custody when injury occurred	¶	§	¶	§	¶	§
Victim was experiencing housing instability	¶	§	0 (0.0)	§	¶	§
Victim was experiencing homelessness	0 (0.0)	§	0 (0.0)	§	0 (0.0)	§
Total	162 (100)	10.6	28 (100)	1.6	190 (100)	5.9

* Percentages might not total 100% due to rounding.

† Per 100,000 population.

§ Rate is not reported when number of decedents is <20 or when characteristic response is "Other" or "Unknown."

¶ Number of deaths <10 in Male or Female columns (and also suppressed in Total column); number is not reported to retain confidentiality.

** Persons of Hispanic or Latino (Hispanic) origin might be of any race but are categorized as Hispanic; all racial groups are non-Hispanic.

†† Rates by race and ethnicity are not provided because U.S. Census information for Puerto Rico is not available.

§§ Other method includes (in descending order): sharp instrument; drowning; motor vehicle (e.g., bus, motorcycle, other transport vehicle).

¶¶ Other location includes (in descending order): industrial or construction area; hospital or medical facility; supervised residential facility; jail or prison; office building; parking lot, public garage, or public transport; abandoned house, building, or warehouse; and other unspecified location.

SUPPLEMENTARY TABLE 16. Number* and percentage of homicide decedents tested for alcohol and drugs and whose results were positive,[†] by toxicology variable — National Violent Death Reporting System, Puerto Rico, 2022

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration [§]	504 (84.3)	172 (34.1)
Blood alcohol <0.08 g/dL		83 (48.3)
Blood alcohol ≥0.08 g/dL		88 (51.2)
Blood alcohol positive, level unknown		¶
Amphetamines	0 (0.0)	—
Barbiturates	8 (1.3)	0 (0.0)
Benzodiazepines	10 (1.7)	¶
Cannabis**	514 (86.0)	223 (43.4)
Carbon monoxide	17 (2.8)	¶
Cocaine	589 (98.5)	124 (21.1)
Muscle relaxants	¶	¶
Opioids	588 (98.3)	48 (8.2)

* Number of homicide decedents = 598. More than one substance could have been tested for or positive per decedent.

[†] Percentage is of decedents tested for toxicology. Denominator for the percentage positive is based on the percentage tested.

[§] Blood alcohol concentration of ≥0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

¶ Number of deaths <10; number is not reported to retain confidentiality.

** Commonly referred to as marijuana.

SUPPLEMENTARY TABLE 17. Number* and percentage[†] of homicides, by decedent sex and precipitating circumstances — National Violent Death Reporting System, Puerto Rico, 2022

	Male	Female	Total
Precipitating circumstance	No. (%)	No. (%)	No. (%)
Mental health and substance use			
Substance use problem (excludes alcohol)	88 (17.7)	— [§]	—
Current diagnosed mental health problem	20 (4.0)	—	—
Alcohol problem	15 (3.0)	—	—
History of ever being treated for a mental health or substance use problem	14 (2.8)	—	—
Current depressed mood	12 (2.4)	—	—
Current mental health or substance use treatment	12 (2.4)	—	—
Non-adherence to mental health or substance use treatment	—	0 (0.0)	—
Interpersonal factor			
Other relationship problem (non-intimate and non-family)	108 (21.7)	—	—
Intimate partner violence-related	22 (4.4)	14 (29.8)	36 (6.6)
Jealousy (lovers' triangle)	14 (2.8)	—	—
Family relationship problem	—	0 (0.0)	—
Perpetrator of interpersonal violence during past month	—	0 (0.0)	—
Victim of interpersonal violence during past month	—	0 (0.0)	—
Life stressor			
Victim known to authorities	234 (47.1)	—	—
Argument or conflict	71 (14.3)	—	—
Physical fight (two persons, not a brawl)	19 (3.8)	0 (0.0)	19 (3.5)
Family stressor	—	0 (0.0)	—
Exposure to disaster	—	0 (0.0)	—
Crime and criminal activity			
Drug involvement	225 (45.3)	12 (25.5)	237 (43.6)
Gang-related	190 (38.2)	12 (25.5)	202 (37.1)
Precipitated by another crime	31 (6.2)	—	—
Crime in progress [¶]	—	—	—
Homicide event			
Drive-by shooting	81 (16.3)	—	—
Victim was a bystander	—	—	—
Victim used a weapon	10 (2.0)	0 (0.0)	10 (1.8)
Justifiable self defense	—	0 (0.0)	—

Walk by assault	—	—	—
Victim was an intervener assisting a crime victim	—	0 (0.0)	—
Random violence	—	—	—
Stalking	—	0 (0.0)	—
Brawl	—	0 (0.0)	—
Victim was a police officer on duty	—	0 (0.0)	—
Mentally ill suspect	0 (0.0)	—	—
Caretaker abuse or neglect	0 (0.0)	—	—
Total**	497 (91.2)	47 (88.7)	544 (91.0)

* Includes homicides with one or more precipitating circumstances. Total numbers do not equal the sums of the columns because more than one circumstance could have been present per decedent.

† Denominator includes those homicides with one or more precipitating circumstances. The sums of percentages in columns exceed 100% because more than one circumstance could have been present per decedent.

§ Number of deaths <10 (and also suppressed in Total column); number is not reported to retain confidentiality.

¶ Denominator includes those decedents involved in an incident that was precipitated by another crime.

** Circumstances were unknown for 54 decedents (48 males, 6 females); total number of homicide decedents = 598 (545 males, 53 females).

SUPPLEMENTARY TABLE 18. Number* and percentage of suicide decedents tested for alcohol and drugs and whose results were positive,[†] by toxicology variable — National Violent Death Reporting System, Puerto Rico, 2022

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration [§]	152 (80.0)	42 (27.6)
Blood alcohol <0.08 g/dL		19 (45.2)
Blood alcohol ≥0.08 g/dL		21 (50.0)
Blood alcohol positive, level unknown		¶
Antidepressants	¶	¶
Barbiturates	¶	¶
Benzodiazepines	13 (6.8)	¶
Cannabis**	168 (88.4)	20 (11.9)
Carbon monoxide	¶	¶
Cocaine	184 (96.8)	20 (10.9)
Muscle relaxants	¶	¶
Opioids	183 (96.3)	¶

* Number of suicide decedents = 190. More than one substance could have been tested for or positive per decedent.

† Percentage is of decedents tested for toxicology.

§ Blood alcohol concentration of ≥0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

¶ Number of deaths <10; number is not reported to retain confidentiality.

** Commonly referred to as marijuana.

SUPPLEMENTARY TABLE 19. Number* and percentage† of suicides, by decedent sex and precipitating circumstances — National Violent Death Reporting System, Puerto Rico, 2022

	Male	Female	Total
Precipitating circumstance	No. (%)	No. (%)	No. (%)
Mental health and substance use			
Current diagnosed mental health problem [§]	61 (42.4)	18 (69.2)	79 (46.5)
Depression or dysthymia	47 (77.0)	13 (72.2)	60 (75.9)
Anxiety disorder	13 (21.3)	— [¶]	—
Bipolar disorder	—	—	—
Schizophrenia	—	—	—
Attention deficit disorder or attention hyperactivity disorder	—	0 (0.0)	—
Posttraumatic stress disorder	—	0 (0.0)	—
Dementia	—	0 (0.0)	—
Other	—	—	—
Unknown	—	0 (0.0)	—
Current depressed mood	69 (47.9)	17 (65.4)	86 (50.6)
History of ever being treated for a mental health or substance use problem	42 (29.2)	10 (38.5)	52 (30.6)
Current mental health or substance use treatment	33 (22.9)	—	—
Alcohol problem	26 (18.1)	—	—
Substance use problem (excludes alcohol)	25 (17.4)	—	—
Non-adherence to mental health or substance use treatment	—	0 (0.0)	—
Other addiction (e.g., gambling or sex)	—	0 (0.0)	—
Interpersonal factor			
Intimate partner problem	24 (16.7)	—	—
Other death (not suicide) of family member or friend	—	—	—
Perpetrator of interpersonal violence during past month	—	—	—
Family relationship problem	—	—	—
Victim of interpersonal violence during past month	—	—	—
Other relationship problem (non-intimate and non-family)	—	—	—
Life stressor			
Physical health problem	20 (13.9)	—	—
Victim known to authorities	13 (9.0)	—	—
Argument or conflict	13 (9.0)	—	—
Financial problem	—	0 (0.0)	—
Crisis during previous or upcoming 2 weeks	—	0 (0.0)	—

Job problem	—	—	—
Family stressor	—	—	—
Physical fight (two persons, not a brawl)	—	—	—
Non-criminal legal problem	—	0 (0.0)	—
Living transition or loss of independent living	—	0 (0.0)	—
Contributing recent criminal legal problem	—	0 (0.0)	—
School problem	—	0 (0.0)	—
Eviction or loss of home	—	0 (0.0)	—
Caregiver burden	—	0 (0.0)	—
Crime and criminal activity			
Precipitated by another crime	10 (6.9)	0 (0.0)	10 (5.9)
Crime in progress**	—	0 (0.0)	—
Suicide and self-harm events			
History of suicidal thoughts or plans	42 (29.2)	13 (50.0)	55 (32.4)
History of attempting suicide	37 (25.7)	12 (46.2)	49 (28.8)
Left a suicide note	18 (12.5)	—	—
History of non-suicidal self-harm	—	—	—
Suicide disclosure			
Disclosed suicidal intent	15 (10.4)	—	—
Disclosed intent to whom ^{††}			
Family member (excludes intimate partner)	10 (66.7)	—	12 (66.7)
Former or current intimate partner	—	0 (0.0)	—
Health care worker	—	0 (0.0)	—
Other	—	0 (0.0)	—
Unknown	—	—	—
Total^{§§}	144 (88.9)	26 (92.9)	170 (89.5)

* Includes suicides with one or more precipitating circumstances. More than one circumstance could have been present per decedent.

† Denominator includes those suicides with one or more precipitating circumstances. The sums of percentages in columns exceed 100% because more than one circumstance could have been present per decedent.

§ Includes decedents with one or more diagnosed current mental health problems; therefore, sums of percentages for the diagnosed conditions exceed 100%. Denominator includes the number of decedents with one or more current diagnosed mental health problems.

¶ Number of deaths <10 in Male or Female columns (and also suppressed in Total column); number is not reported to retain confidentiality.

** Denominator includes those decedents involved in an incident that was precipitated by another crime.

†† Denominator includes decedents who disclosed intent.

§§ Circumstances were unknown for 20 decedents (18 males, 2 female); total number of suicide decedents = 190 (162 males, 28 females).

SUPPLEMENTARY BOX. Jurisdictions included in the National Violent Death Reporting System data set, 2022

Jurisdiction	Coverage
Alabama	Statewide
Alaska	Statewide
Arizona	Statewide
Arkansas	Statewide
California	32 counties*
Colorado	Statewide
Connecticut	Statewide
Delaware	Statewide
District of Columbia	Statewide
Florida	32 counties†
Georgia	Statewide
Hawaii	Statewide
Idaho	Statewide
Illinois	Statewide
Indiana	Statewide
Iowa	Statewide
Kansas	Statewide
Kentucky	Statewide
Louisiana	Statewide
Maine	Statewide
Maryland	Statewide
Massachusetts	Statewide
Michigan	Statewide
Minnesota	Statewide
Mississippi	Statewide
Missouri	Statewide
Montana	Statewide
Nebraska	Statewide
Nevada	Statewide
New Hampshire	Statewide
New Jersey	Statewide
New Mexico	Statewide
New York	Statewide
North Carolina	Statewide
North Dakota	Statewide
Ohio	Statewide
Oklahoma	Statewide

Oregon	Statewide
Pennsylvania	Statewide
Puerto Rico	Statewide
Rhode Island	Statewide
South Carolina	Statewide
South Dakota	Statewide
Tennessee	Statewide
Texas	13 counties§
Utah	Statewide
Vermont	Statewide
Virginia	Statewide
Washington	Statewide
West Virginia	Statewide
Wisconsin	Statewide
Wyoming	Statewide

* Data for California are for deaths that occurred in 32 counties (Alpine, Butte, Colusa, Fresno, Glenn, Humboldt, Inyo, Kings, Lake, Lassen, Los Angeles, Mendocino, Merced, Modoc, Mono, Nevada, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Tehama, and Ventura).

† Data for Florida are for deaths that occurred in 32 counties (Alachua, Baker, Bay, Bradford, Broward, Charlotte, Columbia, DeSoto, Flagler, Gilchrist, Hamilton, Hardee, Highlands, Hillsborough, Indian River, Levy, Manatee, Martin, Miami-Dade, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Pinellas, Polk, Putnam, St. Johns, St. Lucie, Sarasota, Union, and Volusia).

§ Data for Texas are for deaths that occurred in 13 counties (Bell, Bexar, Collin, Denton, El Paso, Fort Bend, Dallas, Harris, Montgomery, Nueces, Tarrant, Travis, and Williamson).