



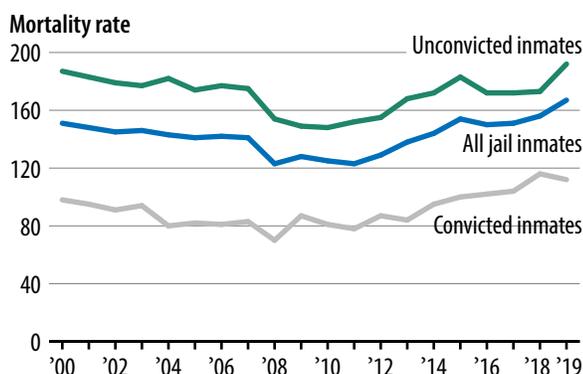
# Mortality in Local Jails, 2000–2019 – Statistical Tables

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A total of 1,200 persons died in local jails in 2019, a more than 5% increase from 2018 (1,138 deaths) and a 33% increase from 2000 (903), when the Bureau of Justice Statistics (BJS) began its Mortality in Correctional Institutions (MCI, formerly the Deaths in Custody Reporting Program) data collection. The demographic and criminal justice profile of jail decedents in 2019 was similar to previous years. The 2019 mortality rate was higher for unconvicted (192 deaths per 100,000 jail inmates) than convicted (112 per 100,000) inmates (**figure 1**). In 2019, a total of 636 jail jurisdictions reported at least one death, with 222 reporting two or more deaths.

This report describes deaths in local jails from 2000 to 2019, including the cause of death, the location of death, decedent characteristics, and the mortality rate of local jail inmates by state. This is the final report on deaths in local jails from BJS's MCI data collection. When the

**FIGURE 1**  
Mortality rate per 100,000 local jail inmates, by legal status, 2000–2019



Note: Data may have been revised from previously published statistics. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. See *Methodology*. See table 7 for rates.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; and Mortality in Correctional Institutions, 2000–2019.

## Highlights

- In 2019, there were 1,200 deaths in local jails, a more than 5% increase from 2018 (1,138 deaths).
- The local jail mortality rate in 2019 was 167 deaths per 100,000 inmates, up 11% from 2000 (151 per 100,000).
- At 49 deaths per 100,000 inmates, suicide was the leading single cause of death for jail inmates in 2019.
- The 184 deaths in local jails due to drug or alcohol intoxication in 2019 was the highest recorded in the 20 years that BJS has collected mortality data, up slightly from 180 in 2018.
- When the U.S. resident population was adjusted to resemble the sex, race or ethnicity, and age distribution of local jail inmates, inmates were more than twice as likely as U.S. residents to die by suicide in 2019.
- Almost 77% of the 1,200 persons who died in local jails in 2019 were not convicted of a crime at the time of their death (908).
- Almost 40% of inmates who died in local jails in 2019 had been held for 1 week or less.
- Jails with an average daily population of 49 or fewer inmates had the highest mortality rates each year from 2000 to 2019.



Deaths in Custody Reporting Act was reauthorized in 2014 (P.L. 113–242), it included additional enforcement and reporting compliance requirements that are incompatible with BJS’s authorizing statute as a federal statistical agency. The U.S. Department of Justice (DOJ) determined it would be more appropriate for the Bureau of Justice Assistance to administer the program and collect mortality data for the DOJ, starting with the first quarter of fiscal year 2019 (October to December 2019). Data on mortality in state and federal prisons are available in *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021).

In 2019, 86% of jail decedents were male, 60% were non-Hispanic white, and 77% had not been convicted of a crime at the time of death. Forty-two percent were held in jail for a violent offense. Almost 40% of persons who died in local jails in 2019 had been incarcerated for 1 week or less. Of the 20,413 deaths reported in local jails from 2000 to 2019, about 50% occurred in an internal or external medical unit, 31% in the jail’s general housing unit, and 11% in a segregation unit. Jails with an ADP of 49 or fewer inmates had the highest mortality rate in 2019, at 264 per 100,000.

Suicide was the leading single cause of death in local jails in 2019 (355 deaths or 30% of all deaths), although illnesses of all types accounted for nearly half of deaths (553 or 46%). The number of suicides in jails increased by 16 between 2018 and 2019, but the number was still lower than in 2015, when there were 369 deaths by suicide in local jails. Drug or alcohol intoxication has accounted for an increasing share of deaths in local jails over time. It accounted for 15% of all deaths in 2019, after suicide and heart disease (25%). The rate of intoxication deaths more than quadrupled, from 6 per 100,000 in 2000 to 26 per 100,000 in 2019. In comparison, the rate of suicide deaths in jails in 2019 (49 per 100,000) was roughly equivalent to the rate in 2000 (48 per 100,000). The rates of deaths due to homicide and accidents in 2019 were also equivalent (3 per 100,000 each). The rate of deaths due to illness decreased from 86 per 100,000 in 2000 to 77 per 100,000 in 2019.

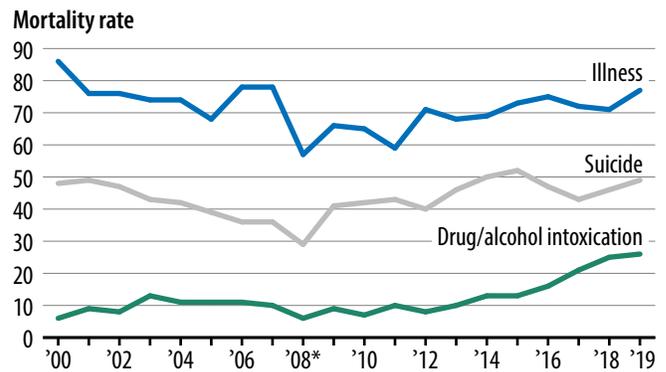
### Cause of death in jail inmates in 2019

- Suicide was the leading single cause of death in local jails in 2019, with 355 deaths by suicide (**table 1**).
- A total of 553 jail inmates died from illness in 2019, including 294 from heart disease.
- The number of jail inmates who died from AIDS-related illnesses reached its lowest count in 2019 (8 deaths), down from a high of 59 deaths in 2001.
- Drug or alcohol intoxication accounted for 15% of jail deaths in 2019, up from 4% in 2000 (**table 2**).
- Accidents and homicides each accounted for about 2% of deaths in local jails in 2019.

### Mortality rates in 2019

- The rate of suicide deaths in jails in 2019 (49 per 100,000) was roughly equivalent to the rate in 2000 (48 per 100,000) (**table 3**).
- The rate of jail deaths due to drug or alcohol intoxication increased from 6 per 100,000 inmates in 2000 to 26 per 100,000 in 2019 (**figure 2**).

**FIGURE 2**  
Mortality rate per 100,000 local jail inmates, by cause of death, 2000–2019



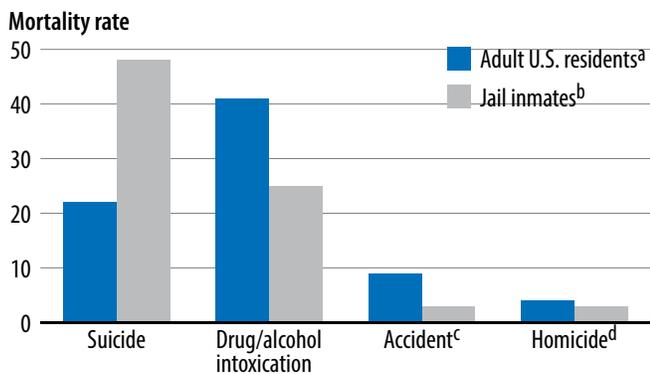
Note: Data may have been revised from previously published statistics. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. See *Methodology*. See table 3 for rates.

\*In 2008, a high number of illness cases were missing cause of death information and were classified as missing.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

- Local jail inmates were less than half as likely to die in 2019 as U.S. residents, when the resident population was adjusted to resemble the sex, race or ethnicity, and age of the jail population (**table 4**).
- The adjusted homicide rate for U.S. residents in 2019 was 4 per 100,000, compared to 3 per 100,000 for local jail inmates (**figure 3**).
- Suicide was the only cause of death for which incarcerated persons (48 per 100,000) had higher mortality rates than the adjusted U.S. resident population (22 per 100,000) in 2019.

**FIGURE 3**  
Adjusted mortality rate per 100,000 U.S. residents, by cause of death, 2019



Note: Excludes persons age 17 or younger and federal prisoners. U.S. resident mortality rate is per 100,000 adult U.S. residents and is based on death certificates from all U.S. residents in 2019. Inmate mortality rate is per 100,000 inmates held in the custody of local jails and is based on the annual number of deaths and average daily population. See table 4 for crude and adjusted rates.

<sup>a</sup>To allow for direct comparisons of mortality rates, BJS adjusted the U.S. resident population to resemble the sex, race or ethnicity, and age distribution of the local jail population. See *Methodology*.

<sup>b</sup>Inmate mortality rates in figure 3 and table 4 were adjusted for sex, race or ethnicity, and age differences to be comparable to U.S. resident rates and may differ from other rates in the report. See *Methodology*.

<sup>c</sup>Excludes causes of death that are unlikely to occur in a jail setting from the rates of both U.S. residents and jail inmates. See *Methodology*.

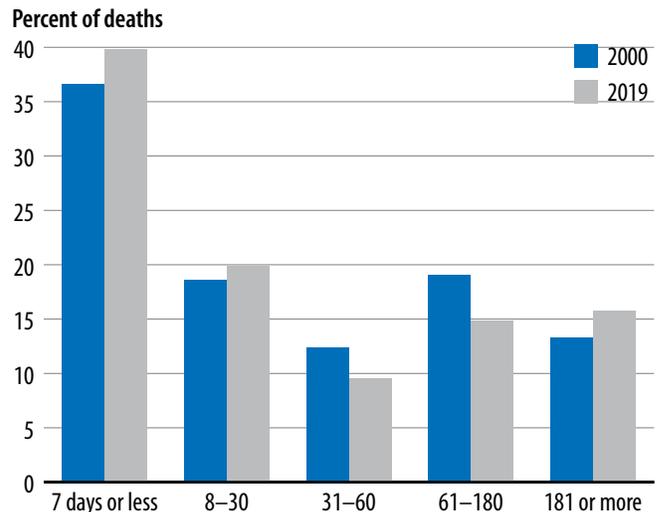
<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from injuries sustained prior to incarceration.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2011–2018, Census of Local Jails, 2019, Mortality in Correctional Institutions, 2019, National Inmate Survey, 2007–2009 and 2011–2012, and Survey of Inmates in Local Jails, 2002; and Centers for Disease Control and Prevention, National Center for Health Statistics, CDC WONDER online database, Underlying Cause of Death 2019 (released in 2020).

## Demographic and criminal justice characteristics of jail decedents

- The number of female jail decedents decreased between 2018 (181 deaths) and 2019 (170) (**table 5**).
- In 2019, a total of 310 local jail inmates who died were age 55 or older, and 3 inmates were age 17 or younger.
- In 2019, more than 1% of jail decedents were non-Hispanic American Indians or Alaska Natives.
- Almost 60% of jail inmates who died in 2019 had been incarcerated 30 days or less (**figure 4**).
- Inmates held in jail on a conviction accounted for a smaller share of jail deaths in 2019 (23%) than in 2000 (29%) (**table 6**).
- Inmates incarcerated for a violent offense accounted for the largest portion of jail deaths every year from 2000 to 2019.

**FIGURE 4**  
Percent of deaths of local jail inmates, by time served before death, 2000 and 2019



Note: Data may have been revised from previously published statistics. Percentages are based on nonmissing data. See table 6 for percentages. Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000 and 2019.

### Local jail mortality rates by demographic and criminal justice characteristics

- The mortality rate for jail inmates age 55 or older was 1,040 per 100,000 in 2019, up from 1,003 per 100,000 in 2018 (table 7).
- Jail inmates ages 45 to 54 experienced a decline in mortality rates from 2000 (397 per 100,000) to 2019 (214 per 100,000).
- The mortality rate for non-Hispanic white jail inmates in 2019 (256 per 100,000) was almost double that of non-Hispanic black inmates (136 per 100,000) and nearly three times that of Hispanic inmates (89 per 100,000).
- The mortality rate for unconvicted jail inmates (192 per 100,000) reached its highest level in 2019.

### Total deaths in local jails, 2000–19

- During 2000–19, a total of 20,413 inmates died in local jails, for an overall mortality rate of 142 deaths per 100,000 (table 8).
- White inmates accounted for 56% (11,279) of all jail decedents with a reported race or ethnicity during 2000–19 (table 9).
- The number of white (184) and black (185) inmates who died from homicide in local jails during 2000–19 was roughly equal.
- During the 20 years that BJS collected jail mortality data, white inmates accounted for 72% of suicide deaths.
- Forty-two percent of unconvicted persons held in local jails who died during 2000–19 died of either suicide (5,084) or drug or alcohol intoxication (1,321).
- Heart disease was the leading cause of death for inmates incarcerated for drug or public order offenses during 2000–19, while suicide was the leading cause of death for violent and property offenders.

### Average annual mortality rates, 2000–19

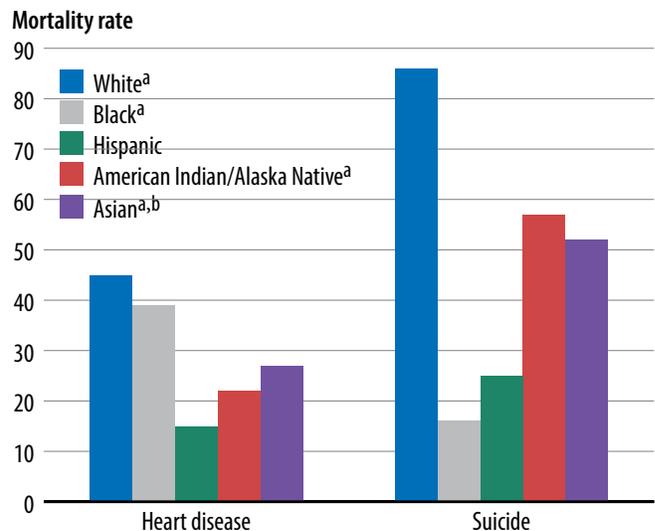
- During 2000–19, female inmates died of drug or alcohol intoxication at an average annual rate (20 per 100,000) that was nearly double that of male inmates (11 per 100,000) (table 10).
- Black jail inmates had the lowest average annual suicide rate (16 per 100,000) of all racial and ethnic groups during the 20 years of the MCI collection (figure 5).

- Jail inmates age 55 or older died of homicide at the highest average annual rate (14 per 100,000) of all age groups.

### Time between jail admission and death

- Among all jail inmates who died during 2000–19, the median time from their jail admission to their death was 17 days (table 11).
- During 2000–19, jail inmates who died of cancer had the longest median time served (138 days), while those who died of drug or alcohol intoxication were incarcerated a median of 1 day.
- The median time served for victims of homicide in jails was 30 days during 2000–19, compared to 9 days for those who died by suicide.
- Among inmates who died in local jails during 2000–19, violent offenders served the most time before death (a median of 40 days), followed by property offenders (15), drug offenders (12), and inmates held for public order offenses (7) (table 12).

**FIGURE 5**  
Average annual mortality rate per 100,000 local jail inmates, by cause of death and race or ethnicity, 2000–19



Note: Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously published statistics. See *Methodology*. See table 10 for rates.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–18; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–19; National Inmate Survey, 2007–09 and 2011–12; and Survey of Inmates in Local Jails, 2002.

- Inmates who died while being held for murder or nonnegligent manslaughter during 2000–19 served the most time in jail of all offenses, a median of 137 days before death.

### Location of jail deaths

- Almost 50% of jail deaths during 2000–19 occurred in a medical unit either inside or outside of the jail (**table 13**).
- Forty-six percent of suicides during 2000–19 occurred in the jail’s general housing areas, and an additional 21% occurred in segregation units.
- Of all jail deaths during 2000–19, almost 2% took place in internal or external mental health units, including 2% of suicides and more than 4% of homicides.

### Jail deaths by hold-status and jurisdiction size

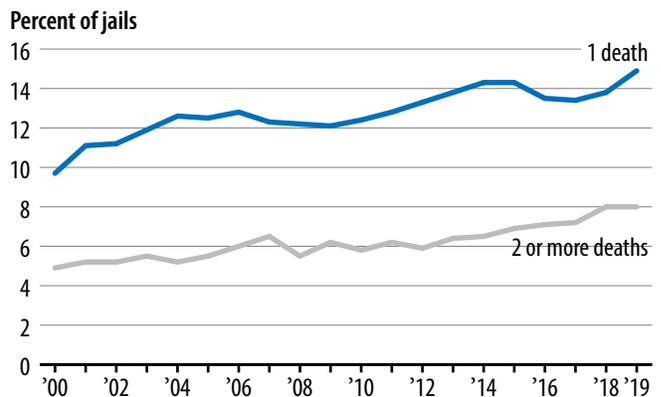
- Forty-two inmates held for U.S. Immigration and Customs Enforcement (ICE) and 156 held for the U.S. Marshals died in local jails during 2014–19 (**table 14**).
- Lower mortality rates were observed among inmates held for ICE (47 per 100,000 jail inmates) and the U.S. Marshals (90 per 100,000 jail inmates) than among inmates held under authority of local jurisdiction (166 per 100,000 jail inmates).
- In 2019, jails with an average daily population (ADP) of 1,000 to 2,499 inmates had more deaths (293) than did the largest jails in the country, those holding 2,500 or more inmates (220) (**table 15**).
- The mortality rate for jails with an ADP of 49 or fewer inmates in 2019 was 264 per 100,000, compared to 161 per 100,000 for facilities with an ADP of 2,500 or more (**table 16**).

### Jurisdictions with and without jail deaths

- From 2000 to 2019, an average of 81% of jail jurisdictions in the U.S. reported no deaths during the calendar year, while an average of 13% reported one and an average of 6% reported two or more (**table 17**).
- The median daily population for jail jurisdictions experiencing a single death in 2019 was 235 inmates, while jails with two or more deaths had median daily populations of 922 inmates.

- The percentage of jail jurisdictions reporting one death in a calendar year increased from 10% (288) in 2000 to 15% (414) in 2019 (**figure 6**).
- Between 2018 and 2019, a total of 23 states and the District of Columbia had an increase in the number of deaths in local jails, 19 states experienced a decrease, and 4 had no change in the number of deaths (**table 19**).
- North Dakota and the 15 locally operated jails in Alaska had no jail deaths during 2019.
- In 2019, a total of 636 unique jail jurisdictions reported at least one death, the highest number of jurisdictions with a death recorded in BJS’s MCI collection (**table 22**).

**FIGURE 6**  
Percent of local jails reporting one or more deaths, by number of deaths, 2000–2019



Note: Data may have been revised from previously published statistics. Includes all local jails that reported data on populations or deaths. See *Methodology*. See table 17 for percentages.  
Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–2019.

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**TABLE 1**  
**Number of deaths of local jail inmates, by cause of death, 2000–2019**

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008 <sup>a</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
All causes	903	942	969	1,001	1,021	1,045	1,094	1,099	959	961	918	888	960	987	1,053	1,096	1,076	1,103	1,138	1,200
Illness	516	485	507	512	529	501	604	608	444	490	477	425	528	482	502	518	537	522	521	553
Heart disease	198	216	220	240	227	202	247	231	181	208	242	236	269	260	242	256	298	281	294	294
AIDS-related <sup>b</sup>	57	59	53	55	52	40	54	43	32	27	26	13	21	20	17	10	12	13	9	8
Cancer	31	25	39	34	29	37	38	42	25	47	34	32	44	40	38	41	47	41	34	44
Respiratory disease	31	18	22	21	35	20	27	48	32	32	18	20	28	30	42	33	26	34	35	32
Liver disease	23	26	24	30	29	29	25	38	32	30	25	12	28	18	27	20	19	17	9	20
All other illnesses <sup>c</sup>	176	141	149	132	157	173	213	206	142	146	132	112	138	114	136	158	135	136	140	155
Suicide	289	313	314	296	299	286	278	283	228	304	305	311	301	328	368	369	334	317	339	355
Drug/alcohol intoxication	37	58	54	88	76	83	87	79	45	65	54	73	57	72	95	92	112	151	180	184
Accident	24	36	34	28	33	24	33	18	15	26	23	27	18	31	25	26	19	22	29	24
Homicide <sup>d</sup>	17	19	18	15	25	22	36	20	16	23	20	21	22	28	25	30	31	29	27	25
Other/unknown	17	24	35	52	50	110	52	71	8	25	13	21	25	19	24	34	25	26	30	25
Missing	3	7	7	10	9	19	4	20	203	28	26	10	9	27	14	27	18	36	12	34

Note: Data may have been revised from previously published statistics. See *Methodology*.

<sup>a</sup>In 2008, a high number of illness cases were missing cause of death information and were classified as missing.

<sup>b</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>c</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–2019.

**TABLE 2**  
**Percent of deaths of local jail inmates, by cause of death, 2000–2019**

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008 <sup>a</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>All causes</b>	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>Illness</b>	57.1%	51.5%	52.3%	51.1%	51.8%	47.9%	55.2%	55.3%	46.3%	51.0%	52.0%	47.9%	55.0%	48.8%	47.7%	47.3%	49.9%	47.3%	45.8%	46.1%
Heart disease	21.9	22.9	22.7	24.0	22.2	19.3	22.6	21.0	18.9	21.6	26.4	26.6	28.0	26.3	23.0	23.4	27.7	25.5	25.8	24.5
AIDS-related <sup>b</sup>	6.3	6.3	5.5	5.5	5.1	3.8	4.9	3.9	3.3	2.8	2.8	1.5	2.2	2.0	1.6	0.9	1.1	1.2	0.8	0.7
Cancer	3.4	2.7	4.0	3.4	2.8	3.5	3.5	3.8	2.6	4.9	3.7	3.6	4.6	4.1	3.6	3.7	4.4	3.7	3.0	3.7
Respiratory disease	3.4	1.9	2.3	2.1	3.4	1.9	2.5	4.4	3.3	3.3	2.0	2.3	2.9	3.0	4.0	3.0	2.4	3.1	3.1	2.7
Liver disease	2.5	2.8	2.5	3.0	2.8	2.8	2.3	3.5	3.3	3.1	2.7	1.4	2.9	1.8	2.6	1.8	1.8	1.5	0.8	1.7
All other illnesses <sup>c</sup>	19.5	15.0	15.4	13.2	15.4	16.6	19.5	18.7	14.8	15.2	14.4	12.6	14.4	11.6	12.9	14.4	12.5	12.3	12.3	12.9
<b>Suicide</b>	32.0%	33.2%	32.4%	29.6%	29.3%	27.4%	25.4%	25.8%	23.8%	31.6%	33.2%	35.0%	31.4%	33.2%	34.9%	33.7%	31.0%	28.7%	29.8%	29.6%
<b>Drug/alcohol intoxication</b>	4.1%	6.2%	5.6%	8.8%	7.4%	7.9%	8.0%	7.2%	4.7%	6.8%	5.9%	8.2%	5.9%	7.3%	9.0%	8.4%	10.4%	13.7%	15.8%	15.3%
<b>Accident</b>	2.7%	3.8%	3.5%	2.8%	3.2%	2.3%	3.0%	1.6%	1.6%	2.7%	2.5%	3.0%	1.9%	3.1%	2.4%	2.4%	1.8%	2.0%	2.5%	2.0%
<b>Homicide<sup>d</sup></b>	1.9%	2.0%	1.9%	1.5%	2.4%	2.1%	3.3%	1.8%	1.7%	2.4%	2.2%	2.4%	2.3%	2.8%	2.4%	2.7%	2.9%	2.6%	2.4%	2.1%
<b>Other/unknown</b>	1.9%	2.5%	3.6%	5.2%	4.9%	10.5%	4.8%	6.5%	0.8%	2.6%	1.4%	2.4%	2.6%	1.9%	2.3%	3.1%	2.3%	2.4%	2.6%	2.1%
<b>Missing</b>	0.3%	0.7%	0.7%	1.0%	0.9%	1.8%	0.4%	1.8%	21.2%	2.9%	2.8%	1.1%	0.9%	2.7%	1.3%	2.5%	1.7%	3.3%	1.1%	2.8%

Note: Data may have been revised from previously published statistics. Details may not sum to totals due to rounding. See *Methodology*.

<sup>a</sup>In 2008, a high number of illness cases were missing cause of death information and were classified as missing.

<sup>b</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>c</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 3**  
**Mortality rate per 100,000 local jail inmates, by cause of death, 2000–2019**

Cause of death	2000	2001	2002	2003	2004	2005	2006	2007	2008 <sup>a</sup>	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
All causes	151	148	145	146	143	141	142	141	123	128	125	123	129	138	144	154	150	151	156	167
Illness	86	76	76	74	74	68	78	78	57	66	65	59	71	68	69	73	75	72	71	77
Heart disease	33	34	33	35	32	27	32	30	23	28	33	33	36	36	33	36	42	39	40	41
AIDS-related <sup>b</sup>	10	9	8	8	7	5	7	6	4	4	4	2	3	3	2	1	2	2	1!	1!
Cancer	5	4	6	5	4	5	5	5	3	6	5	4	6	6	5	6	7	6	5	6
Respiratory disease	5	3	3	3	5	3	3	6	4	4	2	3	4	4	6	5	4	5	5	4
Liver disease	4	4	4	4	4	4	3	5	4	4	3	2	4	3	4	3	3	2	1!	3
All other illnesses <sup>c</sup>	29	22	22	19	22	23	28	26	18	20	18	16	19	16	19	22	19	19	19	22
Suicide	48	49	47	43	42	39	36	36	29	41	42	43	40	46	50	52	47	43	46	49
Drug/alcohol intoxication	6	9	8	13	11	11	11	10	6	9	7	10	8	10	13	13	16	21	25	26
Accident	4	6	5	4	5	3	4	2	2	3	3	4	2	4	3	4	3	3	4	3
Homicide <sup>d</sup>	3	3	3	2	3	3	5	3	2	3	3	3	3	4	3	4	4	4	4	3
Other/unknown	3	4	5	8	7	15	7	9	1!	3	2	3	3	3	3	5	3	4	4	3
Missing	1!	1!	1!	1	1!	3	1!	3	26	4	4	1	1!	4	2	4	3	5	2	5

Note: Data may have been revised from previously published statistics. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>In 2008, a high number of illness cases were missing cause of death information and were classified as missing.

<sup>b</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>c</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 4****Crude and adjusted mortality rate per 100,000 U.S. residents, by cause of death, 2019**

Cause of death	Crude rate per 100,000 adult U.S. residents	Adjusted rate per 100,000 adult U.S. residents <sup>a</sup>	Rate per 100,000 local jail inmates <sup>b</sup>
All causes	1,110	339	154
<b>Illness</b>	1,039	262	75
Heart disease	265	72	40
AIDS-related <sup>c</sup>	2	3	1!
Cancer	241	61	6
Respiratory disease	109	20	4
Liver disease	23	11	3
All other illnesses <sup>d</sup>	400	95	21
<b>Suicide</b>	18	22	48
<b>Drug/alcohol intoxication</b>	28	41	25
<b>Accident<sup>e</sup></b>	23	9	3
<b>Homicide<sup>f</sup></b>	2	4	3

Note: Rates exclude persons age 17 or younger and federal prisoners. U.S. general population mortality rate is per 100,000 adult U.S. residents and is based on death certificates from all U.S. residents in 2019, including incarcerated persons. The jail mortality rate is per 100,000 inmates held in the custody of local jails and is based on the annual number of deaths and average daily population.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>The sex, race or ethnicity, and age composition of the U.S. resident population differs from that of local jail inmates. To allow for direct comparisons of mortality rates, BJS adjusted the U.S. resident population to resemble the sex, race or ethnicity, and age distribution of the local jail population.

<sup>b</sup>Rates may differ from those presented elsewhere in this report due to the removal of local jail inmates age 17 or younger from both the numerator (deaths) and denominator (local jail population) and the exclusion of deaths for which cause of death was unknown or missing. These changes were made solely to table 4 and figure 3 to make the mortality rates comparable to those in the U.S. resident population.

<sup>c</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>d</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>e</sup>Excludes causes of death that are unlikely to occur in a jail setting, including motor vehicle accidents; homicides due to explosives or firearms not related to law enforcement, motor vehicle assault, or neglect; and firearm discharges not related to law enforcement.

<sup>f</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2011–2018, Census of Local Jails, 2019, Mortality in Correctional Institutions, 2019, National Inmate Survey, 2007–2009 and 2011–2012, and Survey of Inmates in Local Jails, 2002; and Centers for Disease Control and Prevention, National Center for Health Statistics, CDC WONDER online database, Underlying Cause of Death 2019 (released in 2020).

**TABLE 5**  
**Number of deaths of local jail inmates, by decedent characteristics, 2000–2019**

Characteristic	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total</b>	903	942	969	1,001	1,021	1,045	1,094	1,099	959	961	918	888	960	987	1,053	1,096	1,076	1,103	1,138	1,200
<b>Sex</b>																				
Male	813	847	862	866	893	925	964	969	840	852	804	778	838	860	901	940	921	936	957	1,030
Female	90	91	107	133	128	120	130	130	119	109	114	110	122	127	152	154	155	166	181	170
<b>Race/ethnicity</b>																				
White <sup>a</sup>	452	514	534	538	500	559	528	547	512	534	516	525	556	524	623	656	626	654	669	712
Black <sup>a</sup>	305	283	304	322	359	331	408	398	310	274	265	234	270	278	273	256	265	272	279	300
Hispanic	118	115	113	118	135	116	126	125	107	109	90	105	100	145	118	141	137	131	150	138
American Indian/Alaska Native <sup>a</sup>	9	13	5	10	13	14	17	12	11	22	11	6	13	12	13	14	18	15	15	16
Asian <sup>a,b</sup>	6	7	5	6	10	7	10	13	13	9	7	10	10	8	12	11	15	9	11	13
Other <sup>a,c</sup>	2	0	0	0	1	1	0	2	3	1	5	3	2	2	7	1	2	2	3	4
<b>Age</b>																				
17 or younger	8	8	7	5	7	5	4	4	3	3	3	2	2	3	2	2	2	3	0	3
18–24	89	107	100	102	105	107	103	101	86	87	80	81	83	75	87	80	79	82	69	62
25–34	184	193	186	211	210	192	196	199	167	175	187	206	190	216	230	251	243	259	241	288
35–44	264	280	336	283	300	284	312	291	246	235	201	198	198	213	231	230	218	237	285	299
45–54	239	239	236	266	263	275	303	322	275	259	253	227	273	259	263	269	262	243	230	219
55 or older	115	111	102	128	131	168	168	182	178	193	172	171	209	202	233	247	258	260	304	310
<b>Legal status</b>																				
Convicted <sup>d</sup>	258	252	244	255	226	231	238	246	201	247	232	221	256	229	258	266	256	269	285	276
Unconvicted <sup>e</sup>	627	683	717	738	786	798	846	849	753	694	664	662	698	740	788	814	803	811	840	908
<b>Time served</b>																				
7 days or less	328	349	360	397	399	385	382	392	349	365	345	346	350	391	425	444	431	441	458	471
8–30	167	173	168	176	179	188	205	184	164	167	176	172	200	163	218	209	188	209	229	236
31–60	111	105	100	94	115	112	126	137	106	99	91	97	100	87	107	112	107	104	88	114
61–120	115	124	121	120	111	128	148	147	122	118	92	90	115	124	96	112	117	113	121	118
121–180	56	63	73	73	76	69	80	81	68	51	58	55	58	45	51	59	68	67	63	58
181 or more	119	113	134	124	124	127	123	152	128	145	133	125	132	157	145	143	150	148	170	187
<b>Offense</b>																				
Violent	355	313	357	313	337	357	356	366	301	348	341	349	350	346	386	376	371	410	410	476
Property	168	178	203	221	189	224	210	193	185	180	170	152	185	196	202	226	210	217	217	207
Drug	146	151	152	171	188	174	198	198	165	130	122	113	151	132	161	176	167	148	180	183
Public order/other <sup>f</sup>	208	263	225	262	277	240	266	286	241	243	224	234	236	253	272	265	268	266	292	267

Note: Data may have been revised from previously published statistics. Details may not sum to totals due to missing data. See *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

<sup>f</sup>Public order offenses include weapons offenses, DUI/DWI, court offenses, commercialized vice, and morals and decency offenses. Other offenses include holds and holds for other jurisdictions and probation and parole violations.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 6**  
**Percent of deaths of local jail inmates, by decedent characteristics, 2000–2019**

Characteristic	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total</b>	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
<b>Sex</b>																				
Male	90.0%	90.3%	89.0%	86.7%	87.5%	88.5%	88.1%	88.2%	87.6%	88.7%	87.6%	87.6%	87.3%	87.1%	85.6%	85.9%	85.6%	84.9%	84.1%	85.8%
Female	10.0	9.7	11.0	13.3	12.5	11.5	11.9	11.8	12.4	11.3	12.4	12.4	12.7	12.9	14.4	14.1	14.4	15.1	15.9	14.2
<b>Race/ethnicity</b>																				
White <sup>a</sup>	50.7%	55.2%	55.6%	54.1%	49.1%	54.4%	48.5%	49.9%	53.6%	56.3%	57.7%	59.5%	58.5%	54.1%	59.6%	60.8%	58.9%	60.4%	59.4%	60.2%
Black <sup>a</sup>	34.2	30.4	31.6	32.4	35.3	32.2	37.5	36.3	32.4	28.9	29.6	26.5	28.4	28.7	26.1	23.7	24.9	25.1	24.8	25.4
Hispanic	13.2	12.3	11.8	11.9	13.3	11.3	11.6	11.4	11.2	11.5	10.1	11.9	10.5	15.0	11.3	13.1	12.9	12.1	13.3	11.7
American Indian/Alaska Native <sup>a</sup>	1.0	1.4	0.5	1.0	1.3	1.4	1.6	1.1	1.2	2.3	1.2	0.7	1.4	1.2	1.2	1.3	1.7	1.4	1.3	1.4
Asian <sup>a,b</sup>	0.7	0.8	0.5	0.6	1.0	0.7	0.9	1.2	1.4	0.9	0.8	1.1	1.0	0.8	1.1	1.0	1.4	0.8	1.0	1.1
Other <sup>a,c</sup>	0.2	0	0	0	0.1	0.1	0	0.2	0.3	0.1	0.6	0.3	0.2	0.2	0.7	0.1	0.2	0.2	0.3	0.3
<b>Age</b>																				
17 or younger	0.9%	0.9%	0.7%	0.5%	0.7%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%	0.2%	0.2%	0.3%	0.2%	0.2%	0.2%	0.3%	0%	0.3%
18–24	9.9	11.4	10.3	10.3	10.3	10.4	9.5	9.2	9.0	9.1	8.9	9.2	8.7	7.7	8.3	7.4	7.4	7.6	6.1	5.2
25–34	20.5	20.6	19.2	21.2	20.7	18.6	18.0	18.1	17.5	18.4	20.9	23.3	19.9	22.3	22.0	23.3	22.9	23.9	21.3	24.4
35–44	29.4	29.9	34.7	28.4	29.5	27.5	28.7	26.5	25.8	24.7	22.4	22.4	20.7	22.0	22.1	21.3	20.5	21.9	25.2	25.3
45–54	26.6	25.5	24.4	26.7	25.9	26.7	27.9	29.3	28.8	27.2	28.2	25.6	28.6	26.8	25.1	24.9	24.7	22.4	20.4	18.5
55 or older	12.8	11.8	10.5	12.9	12.9	16.3	15.5	16.6	18.6	20.3	19.2	19.3	21.9	20.9	22.3	22.9	24.3	24.0	26.9	26.2
<b>Legal status</b>																				
Convicted <sup>d</sup>	29.2%	27.0%	25.4%	25.7%	22.3%	22.4%	22.0%	22.5%	21.1%	26.2%	25.9%	25.0%	26.8%	23.6%	24.7%	24.6%	24.2%	24.9%	25.3%	23.3%
Unconvicted <sup>e</sup>	70.8	73.0	74.6	74.3	77.7	77.6	78.0	77.5	78.9	73.8	74.1	75.0	73.2	76.4	75.3	75.4	75.8	75.1	74.7	76.7
<b>Time served</b>																				
7 days or less	36.6%	37.6%	37.7%	40.3%	39.7%	38.2%	35.9%	35.9%	37.2%	38.6%	38.5%	39.1%	36.6%	40.4%	40.8%	41.1%	40.6%	40.8%	40.6%	39.8%
8–30	18.6	18.7	17.6	17.9	17.8	18.6	19.3	16.8	17.5	17.7	19.7	19.4	20.9	16.9	20.9	19.4	17.7	19.3	20.3	19.9
31–60	12.4	11.3	10.5	9.6	11.5	11.1	11.8	12.5	11.3	10.5	10.2	11.0	10.5	9.0	10.3	10.4	10.1	9.6	7.8	9.6
61–120	12.8	13.4	12.7	12.2	11.1	12.7	13.9	13.4	13.0	12.5	10.3	10.2	12.0	12.8	9.2	10.4	11.0	10.4	10.7	10.0
121–180	6.3	6.8	7.6	7.4	7.6	6.8	7.5	7.4	7.3	5.4	6.5	6.2	6.1	4.7	4.9	5.5	6.4	6.2	5.6	4.9
181 or more	13.3	12.2	14.0	12.6	12.4	12.6	11.6	13.9	13.7	15.3	14.9	14.1	13.8	16.2	13.9	13.3	14.1	13.7	15.1	15.8
<b>Offense</b>																				
Violent	40.5%	34.6%	38.1%	32.4%	34.0%	35.9%	34.6%	35.1%	33.7%	38.6%	39.8%	41.2%	38.0%	37.3%	37.8%	36.0%	36.5%	39.4%	37.3%	42.0%
Property	19.2	19.7	21.7	22.9	19.1	22.5	20.4	18.5	20.7	20.0	19.8	17.9	20.1	21.1	19.8	21.7	20.7	20.8	19.7	18.3
Drug	16.6	16.7	16.2	17.7	19.0	17.5	19.2	19.0	18.5	14.4	14.2	13.3	16.4	14.2	15.8	16.9	16.4	14.2	16.4	16.2
Public order/other <sup>f</sup>	23.7	29.1	24.0	27.1	28.0	24.1	25.8	27.4	27.0	27.0	26.1	27.6	25.6	27.3	26.6	25.4	26.4	25.6	26.6	23.6

Note: Data may have been revised from previously published statistics. Percentages are based on nonmissing data. Details may not sum to totals due to rounding. See *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

<sup>f</sup>Public order offenses include weapons offenses, DUI/DWI, court offenses, commercialized vice, and morals and decency offenses. Other offenses include holds and holds for other jurisdictions and probation and parole violations.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 7****Mortality rate per 100,000 local jail inmates within each demographic group, by decedent characteristics, 2000–2019**

Characteristic	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total</b>	151	148	145	146	143	141	142	141	123	128	125	123	129	138	144	154	150	151	156	167
<b>Sex</b>																				
Male	153	150	146	143	142	143	143	142	124	130	126	124	130	140	144	154	151	151	155	169
Female	132	123	138	163	146	127	131	129	120	119	124	121	123	128	146	149	145	150	162	154
<b>Race/ethnicity</b>																				
White <sup>a</sup>	210	224	222	218	195	210	191	196	185	202	202	211	219	211	237	249	238	235	242	256
Black <sup>a</sup>	127	111	114	119	129	117	141	138	109	101	103	95	109	132	119	115	121	124	131	136
Hispanic	107	97	91	93	102	85	89	87	70	71	58	67	60	91	76	96	88	85	97	89
American Indian/Alaska Native <sup>a</sup>	115!	157	57!	112	140	146	170	118	108	222	104	54!	104	106	97	123	161	134	122	121
Asian <sup>a,b</sup>	91!	100!	68!	80!	128	88!	120	155	169	132!	103!	149	141	114!	167	157	217	138!	169	200
Other <sup>a,c</sup>	11!	0	0	0	3!	3!	0	4!	6!	2!	11!	6!	3!	3!	11!	2!	3!	3!	4!	9!
<b>Age</b>																				
17 or younger	109!	104!	96!	73!	98!	75!	65!	58!	39!	43!	41!	35!	37!	67!	49!	57!	53!	85!	0	107!
18–24	53	59	53	53	53	53	49	48	41	43	41	43	43	41	46	44	43	44	37	34
25–34	96	94	87	96	92	82	80	81	67	72	77	84	74	88	91	102	98	103	95	116
35–44	169	168	192	160	166	154	166	156	138	142	127	129	128	144	152	155	146	156	187	199
45–54	397	372	351	358	319	302	302	300	260	257	252	226	259	256	254	266	257	235	221	214
55 or older	871	788	691	773	704	809	726	729	668	705	616	597	678	685	771	837	868	860	1,003	1,040
<b>Legal status</b>																				
Convicted <sup>d</sup>	98	95	91	94	80	82	81	83	70	87	81	78	87	84	95	100	102	104	116	112
Unconvicted <sup>e</sup>	187	183	179	177	182	174	177	175	154	149	148	152	155	168	172	183	172	172	173	192
<b>Offense</b>																				
Violent	233	193	210	182	193	201	196	203	171	211	210	216	209	216	235	235	230	250	249	294
Property	115	114	125	132	109	126	114	104	100	102	96	86	99	109	110	126	116	118	118	115
Drug	99	96	92	100	106	94	103	101	85	69	68	65	87	79	94	106	99	87	105	109
Public order/other <sup>f</sup>	136	162	132	146	146	120	125	130	108	111	105	112	109	123	129	129	129	126	138	128

Note: Data may have been revised from previously published statistics. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

<sup>f</sup>Public order offenses include weapons offenses, DUI/DWI, court offenses, commercialized vice, and morals and decency offenses. Other offenses include holds and holds for other jurisdictions and probation and parole violations.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–2019; National Inmate Survey, 2007–2009 and 2011–2012; and Survey of Inmates in Local Jails, 2002.

**TABLE 8****Number of deaths of local jail inmates and mortality rate per 100,000 local jail inmates, by cause of death, 2000–19**

Cause of death	Number	Percent	Mortality rate per 100,000 local jail inmates
<b>All causes</b>	20,413	100%	142
<b>Illness</b>	10,261	50.3%	71
Heart disease	4,842	23.7	34
AIDS-related <sup>a</sup>	621	3.0	4
Cancer	742	3.6	5
Respiratory disease	584	2.9	4
Liver disease	481	2.4	3
All other illnesses <sup>b</sup>	2,991	14.7	21
<b>Suicide</b>	6,217	30.5%	43
<b>Drug/alcohol intoxication</b>	1,742	8.5%	12
<b>Accident</b>	515	2.5%	4
<b>Homicide<sup>c</sup></b>	469	2.3%	3
<b>Other/unknown</b>	686	3.4%	5
<b>Missing</b>	523	2.6%	4

Note: Details may not sum to totals due to rounding. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously statistics. See *Methodology*.

<sup>a</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>b</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>c</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–19*.

**TABLE 9****Number of deaths of local jail inmates, by cause of death and decedent characteristics, 2000–19**

Characteristic	All causes <sup>a</sup>	Illness					Suicide	Drug/alcohol intoxication	Accident	Homicide <sup>d</sup>	
		Heart disease	AIDS-related <sup>b</sup>	Cancer	Respiratory disease	Liver disease					All other illnesses <sup>c</sup>
<b>Total</b>	20,413	4,842	621	742	584	481	2,991	6,217	1,742	515	469
<b>Sex</b>											
Male	17,796	4,299	547	675	481	435	2,429	5,627	1,365	464	462
Female	2,608	543	74	67	103	46	561	589	377	51	7
<b>Race/ethnicity</b>											
White <sup>e</sup>	11,279	2,351	111	338	281	261	1,382	4,441	1,093	304	184
Black <sup>e</sup>	5,986	1,954	426	298	220	103	1,115	823	375	132	185
Hispanic	2,437	427	81	87	70	107	417	723	230	63	86
American Indian/ Alaska Native <sup>e</sup>	259	46	1	6	8	6	27	120	26	5	4
Asian <sup>e,f</sup>	192	39	2	11	2	3	30	74	8	9	7
Other <sup>e,g</sup>	41	10	0	0	0	0	6	18	4	1	1
<b>Age</b>											
17 or younger	76	3	1	0	1	0	5	55	5	1	2
18–24	1,765	131	13	13	25	3	153	1,008	187	51	84
25–34	4,224	485	105	47	82	28	465	1,960	590	110	119
35–44	5,141	1,020	238	97	137	87	734	1,779	529	140	96
45–54	5,175	1,588	201	231	163	233	926	1,014	330	127	94
55 or older	3,842	1,609	60	354	174	129	704	390	98	85	71
<b>Legal status</b>											
Convicted <sup>h</sup>	4,946	1,429	161	224	173	141	793	1,109	414	147	110
Unconvicted <sup>i</sup>	15,219	3,390	455	516	406	340	2,186	5,084	1,321	367	352
<b>Offense</b>											
Violent	7,218	1,518	160	356	187	135	869	2,982	322	144	212
Property	3,933	914	196	116	115	86	632	1,153	331	91	86
Drug	3,206	798	138	104	114	80	569	640	480	79	52
Public order/other <sup>j</sup>	5,088	1,402	112	145	139	166	779	1,219	543	179	100

Note: Data may have been revised from previously published statistics. Details may not sum to totals due to missing data. See *Methodology*.

<sup>a</sup>Includes other causes not specified and missing and unknown causes.

<sup>b</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>c</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

<sup>e</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>f</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>g</sup>Includes persons of two or more races and other races.

<sup>h</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>i</sup>Includes persons in jail whose status was marked as other or was unspecified.

<sup>j</sup>Public order offenses include weapons offenses, DUI/DWI, court offenses, commercialized vice, and morals and decency offenses. Other offenses include holds and holds for other jurisdictions and probation and parole violations.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–19*.

**TABLE 10****Average annual mortality rate per 100,000 local jail inmates, by cause of death and decedent characteristics, 2000–19**

Characteristic	All causes <sup>a</sup>	Illness					Suicide	Drug/alcohol intoxication	Accident	Homicide <sup>d</sup>	
		Heart disease	AIDS-related <sup>b</sup>	Cancer	Respiratory disease	Liver disease					
<b>Total</b>	142	34	4	5	4	3	21	43	12	4	3
<b>Sex</b>											
Male	143	35	4	5	4	4	20	45	11	4	4
Female	137	29	4	4	5	2	30	31	20	3	<1!
<b>Race/ethnicity</b>											
White <sup>e</sup>	218	45	2	7	5	5	27	86	21	6	4
Black <sup>e</sup>	119	39	8	6	4	2	22	16	7	3	4
Hispanic	84	15	3	3	2	4	14	25	8	2	3
American Indian/ Alaska Native <sup>e</sup>	123	22	<1!	3!	4!	3!	13	57	12	2!	2!
Asian <sup>e,f</sup>	134	27	1!	8	1!	2!	21	52	6!	6!	5!
Other <sup>e,g</sup>	4	1	0	0	0	0	1!	2	<1!	<1!	<1!
<b>Age</b>											
17 or younger	66	3!	<1!	0	<1!	0	4!	48	4!	<1!	2!
18–24	46	3	<1	<1	<1	<1!	4	26	5	1	2
25–34	89	10	2	1	2	<1	10	41	12	2	3
35–44	157	31	7	3	4	3	22	54	16	4	3
45–54	276	85	11	12	9	12	49	54	18	7	5
55 or older	773	324	12	71	35	26	142	79	20	17	14
<b>Legal status</b>											
Convicted <sup>h</sup>	91	26	3	4	3	3	15	20	8	3	2
Unconvicted <sup>i</sup>	171	38	5	6	5	4	25	57	15	4	4
<b>Offense</b>											
Violent	216	46	5	11	6	4	26	89	10	4	6
Property	112	26	6	3	3	2	18	33	9	3	2
Drug	92	23	4	3	3	2	16	18	14	2	2
Public order/other <sup>j</sup>	126	35	3	4	4	4	19	30	14	4	3

Note: Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously published statistics. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>Includes other causes not specified and missing and unknown causes.

<sup>b</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>c</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

<sup>e</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>f</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>g</sup>Includes persons of two or more races and other races.

<sup>h</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>i</sup>Includes persons in jail whose status was marked as other or was unspecified.

<sup>j</sup>Public order offenses include weapons offenses, DUI/DWI, court offenses, commercialized vice, and morals and decency offenses. Other offenses include holds and holds for other jurisdictions and probation and parole violations.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–18; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–19; National Inmate Survey, 2007–09 and 2011–12; and Survey of Inmates in Local Jails, 2002.

**TABLE 11**  
Cause of death of local jail inmates, by time served before death, 2000–19

Cause of death	Number	Median time served (in days) <sup>a</sup>
<b>Total</b>	20,413	17
<b>Illness</b>	10,261	33
Heart disease	4,842	25
AIDS-related <sup>b</sup>	621	82
Cancer	742	138
Respiratory disease	584	38
Liver disease	481	43
All other illnesses <sup>c</sup>	2,991	21
<b>Suicide</b>	6,217	9
<b>Drug/alcohol intoxication</b>	1,742	1
<b>Accident</b>	515	11
<b>Homicide<sup>d</sup></b>	469	30

Note: Details may not sum to totals due to missing data. See *Methodology*.

<sup>a</sup>The statistical median represents the value at which 50% of the values are larger and 50% are smaller in a sequence of numbers.

<sup>b</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>c</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>d</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–19.

**TABLE 12**  
Offenses of decedents, by time served before death, 2000–19

Offense	Number	Percent	Median time served (in days) <sup>a</sup>
<b>Total</b>	20,413	100%	17
<b>Violent</b>	7,218	37.1%	40
Murder <sup>b</sup>	1,385	7.1	137
Kidnapping	374	1.9	44
Rape/sexual assault	1,331	6.8	77
Robbery	752	3.9	51
Assault	2,857	14.7	16
Other	519	2.7	13
<b>Property</b>	3,933	20.2%	15
Burglary	995	5.1	32
Larceny/theft	2,028	10.4	11
Motor vehicle theft	186	1.0	12
Arson	106	0.5	45
Fraud	618	3.2	16
<b>Drug</b>	3,206	16.5%	12
Possession	1,617	8.3	8
Trafficking	1,149	5.9	30
Other/unknown	440	2.3	6
<b>Public order/other</b>	5,088	26.2%	7
Weapons offense	233	1.2	13
Obstruction of justice	989	5.1	7
DUI/DWI	749	3.9	5
Traffic offense excluding DUI/DWI	527	2.7	4
Probation/parole violation and escape	1,564	8.0	12
Other	1,026	5.3	5

Note: Details may not sum to totals due to missing data. See *Methodology*.

<sup>a</sup>The statistical median represents the value at which 50% of the values are larger and 50% are smaller in a sequence of numbers.

<sup>b</sup>Includes nonnegligent manslaughter.

Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–19.

**TABLE 13****Death location of local jail inmates, by cause of death, 2000–19**

Location	All causes	Illness					Suicide	Drug/alcohol intoxication	Accident	Homicide <sup>c</sup>	
		Heart disease	AIDS-related <sup>a</sup>	Cancer	Respiratory disease	Liver disease					All other illnesses <sup>b</sup>
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
General housing	30.6	28.6	4.4	3.0	14.9	9.4	20.0	46.1	36.6	17.3	31.7
Segregation unit	10.7	6.4	1.9	2.0	4.1	3.8	6.6	20.6	9.4	5.3	5.2
Medical unit <sup>d</sup>	49.7	56.2	89.8	89.2	73.2	80.0	65.5	25.8	41.1	54.1	48.9
Mental health unit <sup>e</sup>	1.8	1.7	0.5	1.8	1.7	0.8	2.1	1.9	0.9	2.5	4.4
In transit	1.1	1.6	0.5	0.3	1.0	0.2	1.3	0.5	1.3	3.5	1.7
Elsewhere	6.1	5.5	2.9	3.8	5.0	5.8	4.4	5.2	10.7	17.3	8.1

Note: Percentages presented are based on nonmissing data. Details may not sum to totals due to rounding. See *Methodology*.

<sup>a</sup>Includes persons who died of illness and were identified as HIV-positive or having AIDS at the time of death.

<sup>b</sup>Includes other specified illnesses (such as cerebrovascular disease, influenza, and other nonleading natural causes of death) and unspecified illnesses.

<sup>c</sup>Includes homicides committed by other inmates, incidental to the use of force by staff, and resulting from assaults sustained prior to incarceration.

<sup>d</sup>Includes the special medical unit within the jail facility and outside medical centers.

<sup>e</sup>Includes the special mental health services unit within the jail facility and outside mental health centers. Mental health unit classification was not collected prior to 2009.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–19*.

**TABLE 14****Number of deaths and mortality rate per 100,000 local jail inmates, by hold status, 2014–19**

Hold status	Number of deaths, 2014–19	Sum of annual average daily populations, 2014–19	Mortality rate per 100,000 local jail inmates, by hold status, 2014–19
Total	6,666	4,337,625	154
Hold status <sup>a</sup>	719	748,495	96
U.S. Immigration and Customs Enforcement	42	89,467	47
U.S. Marshals Service	156	173,934	90
Other <sup>b</sup>	528	485,093	109
No hold/unknown <sup>c</sup>	5,947	3,589,130	166

Note: Average daily population was calculated for U.S. Immigration and Customs Enforcement, the U.S. Marshals Service, and other authorities based on the proportion of the confined population on December 31.

<sup>a</sup>Includes contractual, temporary, courtesy, or ad hoc holds for federal, local, or state authorities. A jail inmate may have multiple hold statuses.

<sup>b</sup>Includes state or federal prison, the Bureau of Indian Affairs, or any other jail jurisdiction.

<sup>c</sup>Persons held in jail for local law enforcement and court officials, not on behalf of state or federal officials.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2014–19*.

**TABLE 15**  
**Number of deaths of local jail inmates, by size of jurisdiction, 2000–2019**

Jail jurisdiction size (average daily population)	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	903	942	969	1,001	1,021	1,045	1,094	1,099	959	961	918	888	960	987	1,053	1,096	1,076	1,103	1,138	1,200
49 or fewer inmates	63	76	79	78	70	68	68	46	47	49	60	51	66	60	68	61	59	51	40	50
50–99	66	70	63	58	56	66	63	61	46	55	45	51	60	61	70	54	60	58	62	66
100–249	80	111	103	104	101	103	106	116	108	121	122	116	89	138	115	141	150	156	158	164
250–499	87	98	110	111	117	107	109	127	111	111	95	125	144	129	153	157	150	133	181	169
500–999	139	139	98	133	107	145	133	130	121	120	121	133	148	151	158	185	180	194	197	238
1,000–2,499	186	167	195	233	258	226	228	251	238	237	237	207	234	205	263	268	264	293	298	293
2,500 or more	282	280	321	284	312	330	387	368	286	268	234	186	218	243	226	230	213	218	201	220

Note: Data may have been revised from previously published statistics. Details may not sum to totals due to rounding or missing data. In 2000, the average daily population was estimated by taking the average of January 1 and December 31 inmate population counts. See *Methodology*.

Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–2019.

**TABLE 16**  
**Mortality rate per 100,000 local jail inmates, by size of jurisdiction, 2000–2019**

Jail jurisdiction size (average daily population)	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	151	148	145	146	143	141	142	141	123	128	125	123	129	138	144	154	150	151	156	167
49 or fewer inmates	229	285	319	322	295	298	299	210	222	236	285	241	308	299	336	295	294	257	209	264
50–99	170	180	155	142	134	169	161	164	119	146	125	144	166	172	189	147	166	160	175	193
100–249	105	134	120	118	112	110	113	127	119	132	129	123	95	149	119	142	143	151	155	163
250–499	115	114	122	116	121	110	113	118	106	108	96	123	129	126	138	145	136	115	146	143
500–999	142	139	96	127	99	120	104	108	96	99	94	105	114	118	122	145	134	143	142	163
1,000–2,499	154	126	136	147	166	139	131	133	124	132	133	121	129	120	151	156	157	169	174	179
2,500 or more	175	164	177	161	157	161	178	172	139	138	135	109	127	148	140	156	148	151	143	161

Note: Data may have been revised from previously published statistics. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. See *Methodology*.

Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–2019.

**TABLE 17****Number and percent of local jail jurisdictions reporting to Mortality in Correctional Institutions, by number of deaths reported each year, 2000–2019**

Year	Number of reporting jurisdictions	Jail jurisdictions reporting deaths						Median jail jurisdiction daily population, by number of deaths reported*		
		0 deaths		1 death		2 or more deaths		0 deaths	1 death	2 or more deaths
		Number	Percent	Number	Percent	Number	Percent			
2000	2,984	2,550	85.5%	288	9.7%	146	4.9%	41	146	1,076
2001	2,969	2,485	83.7	331	11.1	153	5.2	45	151	995
2002	2,954	2,470	83.6	331	11.2	153	5.2	50	167	1,208
2003	2,937	2,427	82.6	349	11.9	161	5.5	52	166	1,125
2004	2,920	2,402	82.3	367	12.6	151	5.2	55	231	1,246
2005	2,894	2,372	82.0	362	12.5	160	5.5	58	211	1,167
2006	2,866	2,327	81.2	368	12.8	171	6.0	60	191	1,324
2007	2,845	2,312	81.3	349	12.3	184	6.5	60	218	1,190
2008	2,831	2,329	82.3	346	12.2	156	5.5	63	246	1,353
2009	2,742	2,239	81.7	332	12.1	171	6.2	63	219	1,269
2010	2,747	2,245	81.7	342	12.4	160	5.8	64	197	1,278
2011	2,738	2,217	81.0	350	12.8	171	6.2	62	228	1,137
2012	2,797	2,258	80.7	373	13.3	166	5.9	64	253	1,121
2013	2,695	2,150	79.8	372	13.8	173	6.4	64	203	1,048
2014	2,779	2,199	79.1	398	14.3	182	6.5	65	195	1,056
2015	2,792	2,201	78.8	399	14.3	192	6.9	62	233	986
2016	2,786	2,213	79.4	375	13.5	198	7.1	67	203	950
2017	2,810	2,231	79.4	377	13.4	202	7.2	66	221	1,015
2018	2,810	2,197	78.2	388	13.8	225	8.0	63	218	917
2019	2,770	2,134	77.0	414	14.9	222	8.0	63	235	922
Annual average, 2000–2019	2,837	2,307	81.3%	358	12.6%	172	6.1%	59	206	1,099

Note: Data may have been revised from previously published statistics. Includes all local jails that reported data on populations or deaths. See *Methodology*.

\*Median is calculated using the average daily population of all jails with that number of deaths.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 18**  
**Number of local jail inmates held on an average day, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	597,908	638,207	667,730	687,597	715,210	741,577	771,511	781,673	778,716	747,932	732,013	720,879	745,238	712,678	729,362	712,086	717,689	729,063	730,929	718,496
Alabama	12,951	11,857	13,380	12,613	13,454	14,653	14,921	15,858	16,156	13,868	15,054	15,333	14,944	13,333	13,590	13,393	14,074	15,150	16,247	16,232
Alaska*	60	81	97	79	105	80	70	64	52	70	64	73	104	82	85	76	72	72	57	59
Arizona	10,859	13,590	12,704	13,815	14,648	15,302	15,085	16,539	17,844	15,043	13,242	13,467	14,542	14,355	13,961	13,764	13,154	13,237	12,991	13,257
Arkansas	5,271	5,571	6,111	6,248	6,167	6,023	6,402	6,986	7,373	7,453	7,420	7,189	7,447	6,750	7,824	8,098	8,183	8,802	9,126	9,278
California	72,508	71,125	75,543	76,134	77,920	81,923	81,752	83,462	83,493	81,629	74,808	71,759	79,491	81,696	82,116	75,180	76,131	76,650	75,570	74,628
Colorado	9,179	10,394	11,107	11,713	11,555	13,243	13,871	13,540	13,111	13,207	12,703	11,779	12,396	12,323	11,947	12,121	12,910	12,574	13,391	12,617
District of Columbia	1,656	1,618	3,161	2,268	3,477	2,318	3,473	3,142	2,987	3,089	3,037	3,011	2,455	2,288	1,969	1,814	1,858	1,836	2,047	1,798
Florida	49,358	50,056	54,638	53,556	60,056	63,134	64,331	66,449	66,250	61,070	58,313	57,330	56,412	52,710	53,401	53,739	52,544	54,681	55,204	54,357
Georgia	33,332	35,205	37,683	39,279	41,957	44,262	45,479	44,680	47,343	46,125	46,811	44,034	44,322	36,633	40,974	38,140	40,376	41,997	39,573	41,877
Idaho	2,668	2,964	3,280	3,402	2,946	3,939	3,929	4,062	3,938	3,750	3,529	3,718	3,728	3,535	3,744	3,722	3,803	4,154	4,288	4,306
Illinois	17,452	19,701	20,691	21,478	20,370	29,744	20,391	20,660	20,966	19,601	20,224	20,666	21,376	22,173	19,954	18,791	18,456	17,272	16,746	16,592
Indiana	12,760	16,958	14,752	15,398	16,447	17,415	18,716	17,246	17,811	18,302	17,703	17,342	17,533	16,146	16,765	16,306	18,278	19,439	20,641	20,347
Iowa	3,046	3,109	3,612	3,853	3,620	4,167	4,023	4,158	4,085	3,891	3,993	4,099	4,264	4,051	4,243	4,477	4,427	4,899	4,932	4,880
Kansas	5,093	5,657	6,163	7,437	6,864	7,412	7,721	7,383	7,668	6,992	7,692	7,236	6,961	7,100	7,453	7,279	7,544	7,579	8,069	7,966
Kentucky	11,492	19,129	13,954	14,429	16,382	16,380	16,906	18,129	18,070	17,803	17,460	18,252	19,537	17,995	20,602	20,776	22,735	23,789	24,877	23,884
Louisiana	22,744	26,967	27,229	27,824	28,640	29,863	25,979	29,801	29,060	29,572	32,199	31,022	32,651	27,151	29,667	29,181	29,192	29,177	29,724	32,161
Maine	1,297	1,411	1,508	1,572	1,484	1,567	1,767	1,630	1,598	1,571	1,062	1,322	1,299	1,073	1,371	1,343	1,352	1,278	1,685	1,670
Maryland	10,471	10,960	12,069	12,545	12,974	12,696	13,039	14,005	13,577	12,205	12,398	12,423	12,233	12,063	11,164	9,804	8,879	9,587	8,892	9,121
Massachusetts	9,427	11,040	11,745	12,342	13,114	12,485	13,873	13,527	13,309	13,184	10,724	10,326	9,616	10,471	10,238	10,543	10,775	10,454	9,060	8,038
Michigan	15,869	16,460	16,644	16,713	17,956	18,197	18,739	18,436	17,676	17,001	16,457	16,541	17,089	17,203	16,898	15,480	16,476	16,357	16,412	15,604
Minnesota	4,958	5,663	5,954	6,408	7,033	7,265	7,286	7,582	7,105	6,651	6,733	6,468	6,423	6,524	6,827	7,188	7,145	7,293	7,135	6,624
Mississippi	9,885	9,280	10,160	10,872	10,495	10,984	10,981	11,811	11,057	9,732	10,501	10,601	12,620	11,575	12,802	14,376	14,601	13,157	13,279	13,364
Missouri	7,588	8,176	8,992	9,391	10,014	10,266	11,234	10,652	11,653	11,503	10,646	11,500	12,375	11,757	11,259	11,431	11,754	13,013	13,066	11,838
Montana	1,291	1,884	1,804	1,921	2,011	2,084	1,981	1,721	1,781	1,718	1,950	1,032	1,968	2,795	2,317	2,473	2,511	2,580	2,516	2,549
Nebraska	2,140	2,365	2,494	2,485	2,855	2,962	2,741	2,940	3,135	3,427	3,391	3,406	3,442	3,530	3,459	3,560	3,669	3,900	4,001	4,168
Nevada	5,216	5,407	5,656	7,537	6,869	6,144	6,479	7,638	7,531	7,737	7,410	7,083	6,922	6,902	7,070	6,841	7,004	7,189	7,738	6,967
New Hampshire	887	1,376	1,550	1,561	1,658	1,841	2,048	2,039	2,024	2,108	2,103	2,063	2,143	2,012	2,200	1,830	1,868	1,799	1,539	1,456
New Jersey	15,102	15,683	16,295	16,858	17,384	18,035	19,096	18,403	17,824	16,426	15,955	15,280	16,193	16,398	14,997	14,333	13,601	10,655	9,628	8,552
New Mexico	5,918	6,426	6,611	7,387	8,091	8,585	9,031	8,753	9,089	8,273	8,886	8,297	8,408	8,474	8,256	8,370	7,338	6,713	6,267	6,535
New York	27,403	28,709	30,640	30,488	30,588	30,778	32,229	31,335	30,304	29,877	30,122	29,793	28,259	26,959	25,946	25,540	22,345	20,800	21,637	20,006
North Carolina	12,276	12,901	15,103	15,319	16,454	17,958	18,295	19,104	19,382	16,470	18,601	18,288	19,168	18,825	18,964	18,107	18,818	19,920	20,342	20,220
North Dakota	619	650	746	828	876	997	963	889	962	897	947	1,111	1,190	1,088	1,418	1,449	1,382	1,697	1,445	1,457
Ohio	16,118	16,948	18,626	19,592	19,701	19,594	20,664	20,539	19,254	19,944	17,454	17,788	18,704	18,384	19,110	18,612	17,576	20,385	20,913	20,273
Oklahoma	7,228	7,243	7,534	8,206	9,114	10,053	10,988	10,796	10,062	10,493	8,632	8,654	9,544	9,447	12,484	12,455	12,593	10,207	12,288	13,454
Oregon	6,685	7,593	6,354	6,583	6,510	6,812	6,684	8,296	6,304	5,803	5,890	5,872	7,844	5,678	5,985	5,887	5,887	7,846	5,758	5,874
Pennsylvania	28,248	30,296	33,240	32,227	32,934	34,264	36,168	38,221	37,350	38,010	35,444	36,290	37,519	37,334	37,765	36,602	35,086	34,767	32,779	30,740

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**TABLE 18 (continued)****Number of local jail inmates held on an average day, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
South Carolina	8,752	10,565	12,181	11,009	11,590	12,104	12,749	13,608	13,634	12,654	12,236	11,970	12,232	11,592	11,569	11,256	10,086	11,706	11,794	11,196
South Dakota	1,163	1,138	1,296	1,347	1,514	1,562	1,645	1,537	1,417	1,626	1,572	1,505	1,746	1,845	1,732	1,768	1,880	2,033	2,147	2,058
Tennessee	20,168	20,163	20,859	22,941	23,086	24,124	32,363	25,077	26,446	25,708	22,875	23,521	24,292	24,882	24,553	26,989	28,239	29,110	29,970	29,851
Texas	57,999	54,639	56,185	60,223	62,907	53,967	68,106	69,284	69,392	67,513	67,297	66,599	67,815	63,724	64,614	64,835	67,156	66,506	68,662	67,122
Utah	5,378	5,616	5,817	6,271	6,517	6,407	6,567	6,881	6,929	6,928	7,267	7,194	7,288	6,446	7,441	7,110	7,137	7,695	7,460	7,240
Virginia	20,021	22,154	23,612	24,943	25,488	26,567	28,407	29,561	28,824	28,276	29,003	27,313	30,013	27,783	29,984	26,782	27,910	28,965	28,294	27,603
Washington	8,638	12,289	12,095	11,808	11,867	12,899	13,390	13,727	13,461	13,076	12,350	12,988	12,008	10,920	12,264	11,832	12,034	12,654	12,253	11,653
West Virginia	2,824	3,240	3,068	3,289	3,622	4,081	4,321	4,331	4,336	3,879	4,145	3,882	4,351	4,466	4,292	4,290	4,356	4,690	5,251	4,984
Wisconsin	12,986	12,865	13,557	14,063	14,397	14,908	15,098	15,641	15,401	12,157	14,143	13,965	12,835	12,625	12,501	12,621	12,932	13,464	13,795	12,529
Wyoming	924	1,085	1,230	1,342	1,499	1,534	1,532	1,553	1,694	1,620	1,567	1,494	1,536	1,582	1,587	1,522	1,562	1,335	1,440	1,511

Note: Data may have been revised from previously published statistics. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont each operate a combined prison and jail system. For data on these states, see *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021). See *Methodology*.

\*Prisons and jails form one integrated system. Counts include only data for 15 locally operated jails and exclude data for state-operated prisons and jails.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 19**  
**Number of deaths of local jail inmates, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	903	942	969	1,001	1,021	1,045	1,094	1,099	959	961	918	888	960	987	1,053	1,096	1,076	1,103	1,138	1,200
Alabama	24	27	21	15	23	23	34	21	19	20	28	18	18	19	21	24	23	18	23	30
Alaska*	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Arizona	15	18	24	16	12	27	19	21	12	11	16	9	10	14	17	26	23	29	29	26
Arkansas	9	13	14	22	13	7	11	10	15	5	7	16	10	15	17	13	11	11	18	11
California	109	124	131	125	120	156	126	128	106	138	121	92	113	129	146	135	122	133	121	154
Colorado	13	16	14	13	11	18	13	21	21	14	20	12	9	20	20	25	27	27	21	34
District of Columbia	4	0	10	12	13	11	12	10	7	8	4	7	2	6	3	1	5	7	2	3
Florida	82	98	79	85	86	79	99	103	77	88	57	66	69	68	83	83	82	98	104	117
Georgia	38	39	49	45	54	41	46	44	55	45	48	46	47	47	42	40	48	45	46	59
Idaho	3	3	1	2	1	7	5	7	1	6	3	5	4	6	6	3	4	4	7	8
Illinois	31	21	22	30	41	25	37	31	29	29	23	21	23	33	30	29	28	24	20	30
Indiana	21	21	14	23	18	16	26	18	11	16	22	21	19	18	27	21	19	26	20	35
Iowa	2	4	3	1	4	4	3	5	2	6	3	8	4	9	6	6	12	3	3	5
Kansas	9	9	12	10	15	11	10	7	12	11	10	10	11	17	10	14	19	11	17	14
Kentucky	16	13	12	14	16	22	21	25	22	18	21	16	22	13	20	23	16	16	30	24
Louisiana	10	22	22	32	41	31	26	31	34	22	26	20	42	37	38	35	35	46	44	29
Maine	2	2	7	3	2	1	5	1	1	2	3	7	0	1	4	1	3	2	3	3
Maryland	22	20	20	25	15	23	27	32	25	20	24	21	17	21	14	17	19	20	16	16
Massachusetts	5	10	16	9	8	21	14	14	17	18	16	5	14	14	18	12	13	18	13	10
Michigan	23	17	18	26	20	29	21	18	12	20	18	24	17	21	34	21	21	23	26	17
Minnesota	6	8	6	9	9	8	11	8	4	3	10	6	7	5	9	8	10	14	9	8
Mississippi	9	12	17	17	17	16	18	18	14	13	14	14	9	15	18	19	17	11	14	21
Missouri	16	14	8	17	6	10	13	25	17	20	21	12	27	19	17	21	18	23	28	28
Montana	3	1	5	5	3	6	1	2	2	6	3	8	3	5	2	6	3	4	6	4
Nebraska	5	5	6	2	4	2	6	2	5	7	6	5	4	7	8	3	5	12	8	4
Nevada	15	18	6	6	8	14	9	10	8	14	8	13	12	10	10	18	14	12	13	16
New Hampshire	3	2	5	3	3	1	4	4	2	5	1	4	3	1	1	0	7	4	4	6
New Jersey	31	17	17	38	34	32	36	34	27	25	29	20	25	23	32	26	25	18	19	14
New Mexico	15	9	9	7	17	11	21	15	11	11	17	23	16	10	10	15	18	11	7	16
New York	57	52	51	47	43	51	52	52	32	37	37	36	40	40	37	32	33	17	29	22
North Carolina	15	17	32	22	21	17	21	28	19	23	24	17	25	21	23	33	21	36	32	35
North Dakota	1	1	2	2	1	0	2	1	1	2	2	1	3	5	3	2	2	1	6	0
Ohio	23	20	30	30	18	24	26	26	23	26	23	28	33	30	29	31	29	40	48	41
Oklahoma	15	18	9	13	14	18	21	24	17	18	18	12	13	16	19	16	32	9	16	18
Oregon	10	10	7	7	15	8	11	3	15	7	9	8	3	4	9	14	6	13	11	12
Pennsylvania	38	50	51	53	66	57	56	55	44	37	31	46	59	41	48	54	47	49	59	63

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**TABLE 19 (continued)**  
**Number of deaths of local jail inmates, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
South Carolina	17	23	17	11	16	19	21	14	19	15	19	7	22	21	15	18	14	29	19	22
South Dakota	4	2	1	0	1	3	1	1	2	2	0	1	0	2	1	6	8	0	2	1
Tennessee	28	28	29	23	39	36	30	35	37	32	20	39	34	27	29	36	43	42	50	39
Texas	97	84	96	96	99	89	98	90	86	76	84	69	72	99	73	98	87	92	85	95
Utah	6	6	13	7	11	10	7	11	6	12	8	14	11	16	19	11	22	7	7	11
Virginia	34	41	36	42	33	30	36	59	49	39	29	42	40	28	48	43	34	44	42	38
Washington	8	10	11	16	11	11	19	15	17	14	16	16	20	16	19	28	16	19	31	30
West Virginia	2	6	2	6	5	6	6	4	6	7	5	7	10	6	8	10	11	10	11	14
Wisconsin	7	11	12	11	10	11	11	15	17	11	13	14	13	10	7	13	21	24	18	15
Wyoming	0	0	2	3	4	3	2	1	1	2	1	1	4	2	3	6	3	1	1	2

Note: Data may have been revised from previously published statistics. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont each operate a combined prison and jail system. For data on these states, see *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021). See *Methodology*.

\*Prisons and jails form one integrated system. Counts include only deaths in 15 locally operated jails and exclude deaths in state-operated prisons and jails.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 20**  
**Mortality rate per 100,000 local jail inmates, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	151	148	145	146	143	141	142	141	123	128	125	123	129	138	144	154	150	151	156	167
Alabama	185	228	157	119	171	157	228	132	118	144	186	117	120	143	155	179	163	119	142	185
Alaska*	0	0	0	0	0	0	0	0	0	0	0	1,370!	962!	0	0	0	0	0	0	0
Arizona	138	132	189	116	82	176	126	127	67	73	121	67!	69	98	122	189	175	219	223	196
Arkansas	171!	233	229	352	211	116!	172	143	203	67!	94!	223	134	222	217	161	134	125	197	119
California	150	174	173	164	154	190	154	153	127	169	162	128	142	158	178	180	160	174	160	206
Colorado	142	154	126	111	95	136	94	155	160	106	157	102	73!	162	167	206	209	215	157	269
District of Columbia	242!	0	316	529	374	475	346	318	234!	259!	132!	232!	81!	262!	152!	55!	269!	381!	98!	167!
Florida	166	196	145	159	143	125	154	155	116	144	98	115	122	129	155	154	156	179	188	215
Georgia	114	111	130	115	129	93	101	98	116	98	103	104	106	128	103	105	119	107	116	141
Idaho	112!	101!	30!	59!	34!	178!	127!	172!	25!	160!	85!	134!	107!	170!	160!	81!	105!	96!	163!	186!
Illinois	178	107	106	140	201	84	181	150	138	148	114	102	108	149	150	154	152	139	119	181
Indiana	165	124	95	149	109	92	139	104	62	87	124	121	108	111	161	129	104	134	97	172
Iowa	66!	129!	83!	26!	110!	96!	75!	120!	49!	154!	75!	195!	94!	222!	141!	134!	271	61!	61!	102!
Kansas	177!	159!	195	134	219	148	130	95!	156	157	130	138	158	239	134	192	252	145	211	176
Kentucky	139	68	86	97	98	134	124	138	122	101	120	88	113	72	97	111	70	67	121	100
Louisiana	44	82	81	115	143	104	100	104	117	74	81	64	129	136	128	120	120	158	148	90
Maine	154!	142!	464!	191!	135!	64!	283!	61!	63!	127!	282!	530!	0	93!	292!	74!	222!	156!	178!	180!
Maryland	210	182	166	199	116	181	207	228	184	164	194	169	139	174	125	173	214	209	180	175
Massachusetts	53!	91	136	73!	61!	168	101	103	128	137	149	48!	146	134	176	114	121	172	143	124
Michigan	145	103	108	156	111	159	112	98	68	118	109	145	99	122	201	136	127	141	158	109
Minnesota	121!	141!	101!	140!	128!	110!	151	106!	56!	45!	149	93!	109!	77!	132!	111!	140	192	126!	121!
Mississippi	91!	129	167	156	162	146	164	152	127	134	133	132	71!	130	141	132	116	84	105	157
Missouri	211	171	89!	181	60!	97	116	235	146	174	197	104	218	162	151	184	153	177	214	237
Montana	232!	53!	277!	260!	149!	288!	50!	116!	112!	349!	154!	775!	152!	179!	86!	243!	119!	155!	238!	157!
Nebraska	234!	211!	241!	80!	140!	68!	219!	68!	159!	204!	177!	147!	116!	198!	231!	84!	136!	308	200!	96!
Nevada	288	333	106!	80!	116!	228	139!	131	106!	181	108!	184	173	145	141	263	200	167	168	230
New Hampshire	338!	145!	323!	192!	181!	54!	195!	196!	99!	237!	48!	194!	140!	50!	45!	0	375!	222!	260!	412!
New Jersey	205	108	104	225	196	177	189	185	151	152	182	131	154	140	213	181	184	169	197	164
New Mexico	253	140!	136!	95!	210	128	233	171	121	133	191	277	190	118	121	179	245	164	112!	245
New York	208	181	166	154	141	166	161	166	106	124	123	121	142	148	143	125	148	82	134	110
North Carolina	122	132	212	144	128	95	115	147	98	140	129	93	130	112	121	182	112	181	157	173
North Dakota	162!	154!	268!	242!	114!	0	208!	113!	104!	223!	211!	90!	252!	460!	212!	138!	145!	59!	415!	0
Ohio	143	118	161	153	91	122	126	127	119	130	132	157	176	163	152	167	165	196	230	202
Oklahoma	208	249	119!	158	154	179	191	222	169	172	209	139	136	169	152	128	254	88!	130	134
Oregon	150	132	110!	106!	230	117!	165	36!	238	121!	153!	136!	38!	70!	150!	238	102!	166	191	204
Pennsylvania	135	165	153	164	200	166	155	144	118	97	87	127	157	110	127	148	134	141	180	205

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**TABLE 20 (continued)**  
**Mortality rate per 100,000 local jail inmates, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
South Carolina	194	218	140	100	138	157	165	103	139	119	155	58!	180	181	130	160	139	248	161	196
South Dakota	344!	176!	77!	0	66!	192!	61!	65!	141!	123!	0	66!	0	108!	58!	339!	426!	0	93!	49!
Tennessee	139	139	139	100	169	149	93	140	140	124	87	166	140	109	118	133	152	144	167	131
Texas	167	154	171	159	157	165	144	130	124	113	125	104	106	155	113	151	130	138	124	142
Utah	112!	107!	223	112!	169	156	107!	160	87!	173	110!	195	151	248	255	155	308	91!	94!	152
Virginia	170	185	152	168	129	113	127	200	170	138	100	154	133	101	160	161	122	152	148	138
Washington	93!	81	91	136	93	85	142	109	126	107	130	123	167	147	155	237	133	150	253	257
West Virginia	71!	185!	65!	182!	138!	147!	139!	92!	138!	180!	121!	180!	230	134!	186!	233	253	213	209	281
Wisconsin	54!	86	89	78	69	74	73	96	110	90	92	100	101	79	56!	103	162	178	130	120
Wyoming	0	0	163!	224!	267!	196!	131!	64!	59!	123!	64!	67!	260!	126!	189!	394!	192!	75!	69!	132!

Note: Data may have been revised from previously published statistics. Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, the ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Mortality rates are not adjusted for demographic differences among states. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont each operate a combined prison and jail system. For data on these states, see *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021). See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

\*Prisons and jails form one integrated system. Counts include only deaths in 15 locally operated jails and exclude deaths in state-operated prisons and jails.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

**TABLE 21****Number of local jail jurisdictions reporting to Mortality in Correctional Institutions, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013 <sup>a</sup>	2014	2015	2016	2017	2018	2019
Total	2,984	2,969	2,954	2,937	2,920	2,894	2,866	2,845	2,831	2,742	2,747	2,738	2,797	2,695	2,779	2,792	2,786	2,810	2,810	2,770
Alabama	151	149	147	146	145	142	136	132	125	115	117	115	122	116	122	123	125	125	125	124
Alaska <sup>b</sup>	15	15	15	14	14	15	15	15	15	14	15	15	15	15	14	15	15	15	15	15
Arizona	16	15	15	15	15	15	15	15	15	15	15	15	15	15	16	16	16	16	16	16
Arkansas	85	84	84	83	82	83	81	81	81	76	71	73	77	66	75	73	71	72	71	72
California	65	64	64	64	64	64	63	62	62	61	61	60	61	60	60	61	59	60	62	61
Colorado	55	55	55	55	55	55	53	53	53	53	52	50	52	54	54	54	55	55	56	55
District of Columbia	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida	68	68	68	68	67	67	67	67	67	65	66	66	67	64	67	67	67	67	66	65
Georgia	176	174	174	172	170	167	164	162	159	151	152	153	157	144	152	153	148	147	147	149
Idaho	39	38	38	38	38	38	38	37	37	35	34	34	35	36	36	36	36	36	35	36
Illinois	90	89	90	90	89	90	90	90	90	90	90	88	90	89	87	91	91	87	90	91
Indiana	90	91	90	90	90	90	90	90	90	89	89	90	90	88	90	90	91	90	91	91
Iowa	94	93	93	93	93	93	93	93	93	92	90	93	93	92	92	96	95	95	94	92
Kansas	95	95	95	95	95	95	94	94	93	90	92	90	93	95	94	95	96	94	95	91
Kentucky	80	78	80	79	79	76	74	74	74	70	72	73	75	74	76	75	77	76	75	73
Louisiana	87	86	85	85	85	83	83	83	84	79	82	75	83	76	81	82	80	82	89	87
Maine	15	15	15	15	15	15	15	14	14	14	11	12	12	11	12	12	12	12	13	14
Maryland	24	24	24	24	24	24	24	24	24	23	24	24	24	24	24	24	23	24	23	24
Massachusetts	13	13	13	13	13	13	13	13	13	13	13	13	13	11	12	13	13	13	12	12
Michigan	83	83	82	82	82	82	81	81	81	81	81	80	81	79	80	78	80	80	77	78
Minnesota	71	71	71	71	71	71	71	71	70	69	71	70	71	77	78	77	77	77	77	77
Mississippi	91	90	89	88	88	85	84	84	83	80	77	77	83	67	78	82	82	75	79	76
Missouri	124	124	124	123	119	118	119	118	118	110	113	113	114	107	110	109	110	113	108	106
Montana	41	41	40	40	41	40	40	40	40	36	38	37	37	35	36	36	36	36	36	34
Nebraska	64	63	63	63	63	63	62	62	62	61	61	60	61	60	61	62	61	61	62	59
Nevada	20	20	20	20	20	20	20	20	20	20	20	20	20	18	18	19	19	19	19	18
New Hampshire	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
New Jersey	21	21	21	21	21	21	21	21	21	20	21	21	21	21	20	20	19	18	18	18
New Mexico	34	35	35	34	34	32	32	32	32	29	29	31	31	31	32	31	31	30	29	31
New York	58	58	58	58	58	58	58	58	58	57	57	58	56	55	54	56	53	53	55	56
North Carolina	96	96	96	96	94	94	94	94	93	89	92	93	93	90	92	91	93	93	93	90
North Dakota	23	23	23	23	23	23	22	21	21	22	22	22	22	22	23	23	23	24	22	22
Ohio	97	96	96	93	93	93	92	91	91	91	90	93	93	98	98	97	97	131	128	125
Oklahoma	100	100	100	99	98	96	94	93	93	88	90	88	89	79	90	88	90	88	91	90
Oregon	33	33	33	33	33	32	32	32	32	31	31	30	31	32	34	34	34	34	36	36
Pennsylvania	63	63	63	63	63	63	63	63	63	63	63	63	63	60	62	61	60	61	62	62

*Continued on next page*

**TABLE 21 (continued)****Number of local jail jurisdictions reporting to Mortality in Correctional Institutions, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013 <sup>a</sup>	2014	2015	2016	2017	2018	2019
South Carolina	46	46	46	45	45	45	45	45	45	45	42	44	45	44	45	45	44	45	45	44
South Dakota	28	29	29	29	29	28	28	28	28	26	27	25	27	27	26	27	25	26	26	25
Tennessee	97	97	96	96	96	96	95	94	94	89	88	88	94	89	93	92	93	94	92	90
Texas	248	247	246	245	242	242	242	237	236	230	227	226	232	223	228	233	233	231	230	220
Utah	26	26	26	26	26	26	26	26	26	26	26	25	26	24	26	25	26	26	25	25
Virginia	73	72	72	72	72	69	66	64	64	65	66	66	63	59	62	59	59	59	58	57
Washington	58	58	58	57	57	56	56	56	56	56	55	55	55	55	55	56	56	55	53	51
West Virginia	28	28	19	18	16	13	12	12	12	11	11	10	11	11	11	11	11	11	11	11
Wisconsin	70	70	70	70	70	70	70	70	70	69	70	70	70	68	69	71	71	71	71	69
Wyoming	22	22	22	22	22	22	22	22	22	22	22	23	23	23	23	22	22	22	21	21

Note: Data may have been revised from previously published statistics. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont each operate a combined prison and jail system. For data on these states, see *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021). See *Methodology*.

<sup>a</sup>In 2013, the response rate for Mortality in Correctional Institutions decreased to 94.2% due to a lengthened data collection form. The response rate was 99.7% in 2012.

<sup>b</sup>Prisons and jails form one integrated system. Counts include only data for 15 locally operated jails and exclude data for state-operated prisons and jails.

Source: Bureau of Justice Statistics, Mortality in Correctional Institutions, 2000–2019.

**TABLE 22****Number of local jail jurisdictions reporting one or more deaths to Mortality in Correctional Institutions, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	434	484	484	510	518	522	539	533	502	503	502	521	539	545	580	591	573	579	613	636
Alabama	15	22	20	14	16	22	25	16	15	17	24	16	17	18	19	20	18	16	17	17
Alaska*	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
Arizona	5	5	7	4	4	7	5	5	5	5	6	4	3	4	6	6	7	9	9	9
Arkansas	7	10	10	16	11	4	10	7	11	4	6	13	8	11	10	9	10	9	12	10
California	30	32	29	35	32	34	27	31	30	33	28	28	29	36	38	37	32	31	32	38
Colorado	6	7	11	6	9	12	10	11	13	6	11	7	7	12	17	10	14	16	11	19
District of Columbia	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Florida	23	30	27	27	31	29	30	33	25	31	23	28	27	32	30	33	35	28	35	34
Georgia	24	28	33	31	29	33	29	33	29	27	30	30	35	30	27	26	29	30	24	37
Idaho	3	2	1	2	1	7	5	7	1	6	2	4	4	6	5	3	3	4	6	5
Illinois	7	6	11	20	14	11	13	15	13	9	12	14	15	12	15	15	17	11	16	15
Indiana	11	17	11	15	15	14	19	12	10	11	15	16	15	14	18	15	14	19	15	20
Iowa	2	4	3	1	3	4	3	5	2	5	3	7	4	7	6	6	10	3	2	4
Kansas	8	9	10	9	10	11	7	6	11	7	6	9	8	11	9	8	12	9	13	10
Kentucky	11	10	9	13	14	12	15	17	15	16	19	15	16	10	15	17	15	16	20	21
Louisiana	5	15	15	16	24	15	17	16	24	16	16	13	25	23	24	24	24	25	24	18
Maine	2	2	5	3	1	1	5	1	1	2	3	5	0	1	4	1	3	2	3	3
Maryland	7	9	3	10	6	9	11	6	7	10	9	11	9	9	8	10	10	9	10	11
Massachusetts	3	6	7	5	5	8	8	7	8	9	8	3	5	7	10	5	5	8	6	7
Michigan	12	8	13	18	15	17	15	14	12	10	12	13	12	12	17	12	13	15	12	13
Minnesota	5	8	6	8	7	6	9	6	4	2	8	6	5	5	7	8	10	10	7	7
Mississippi	8	11	12	15	15	13	15	13	13	11	11	12	8	10	16	18	15	8	12	14
Missouri	10	10	7	14	6	9	10	17	12	16	19	10	20	15	15	16	10	18	19	21
Montana	3	1	4	5	3	4	1	2	2	6	2	6	2	4	2	5	3	4	5	4
Nebraska	5	5	6	2	4	2	5	2	5	3	5	4	2	6	7	3	3	5	8	4
Nevada	7	8	3	4	5	6	4	5	6	6	5	5	6	7	5	5	5	5	5	7
New Hampshire	3	2	5	2	2	1	3	3	2	4	1	4	2	1	1	0	4	3	3	4
New Jersey	12	10	7	12	12	11	12	15	12	11	12	10	13	10	12	12	10	12	9	7
New Mexico	9	7	6	5	8	4	8	10	6	4	10	12	9	8	8	8	11	8	4	10
New York	12	10	17	15	12	12	12	13	9	18	11	18	14	15	20	15	12	8	15	14
North Carolina	13	17	18	15	17	16	17	17	14	18	19	12	23	19	18	24	18	27	22	26
North Dakota	1	1	2	2	1	0	2	1	1	2	2	1	1	5	3	2	2	1	6	0
Ohio	13	14	16	19	15	17	17	19	16	16	15	18	22	21	18	22	19	27	29	28
Oklahoma	10	11	7	7	6	13	12	13	9	12	13	9	12	10	10	11	15	6	14	13
Oregon	4	7	4	4	7	6	7	3	9	5	5	5	3	4	7	10	5	9	11	11
Pennsylvania	15	21	23	19	28	18	20	25	16	19	15	21	23	21	21	23	19	27	24	27

*Continued on next page*

**TABLE 22 (continued)****Number of local jail jurisdictions reporting one or more deaths to Mortality in Correctional Institutions, by state, 2000–2019**

State	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
South Carolina	11	14	14	7	14	15	14	10	15	10	12	6	17	14	13	13	11	13	12	18
South Dakota	4	2	1	0	1	3	1	1	2	2	0	1	0	2	1	4	6	0	2	1
Tennessee	16	13	15	13	24	19	15	19	22	19	14	21	20	11	18	24	21	24	26	21
Texas	50	40	40	42	47	49	49	38	37	43	41	43	40	52	40	45	39	44	47	44
Utah	3	5	4	5	8	4	3	8	2	6	5	8	4	6	6	7	11	4	4	5
Virginia	21	24	22	20	17	19	22	26	27	20	18	22	21	19	27	23	19	21	24	24
Washington	8	7	7	10	6	11	11	8	10	9	10	12	9	10	11	15	11	12	14	15
West Virginia	2	6	2	6	5	2	5	3	5	5	4	5	8	4	5	5	9	6	8	6
Wisconsin	7	8	8	10	4	8	8	12	12	9	10	11	12	8	7	10	11	15	14	11
Wyoming	0	0	2	3	3	3	2	1	1	2	1	1	2	2	3	5	2	1	1	2

Note: Data may have been revised from previously published statistics. Connecticut, Delaware, Hawaii, Rhode Island, and Vermont each operate a combined prison and jail system. For data on these states, see *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021). See *Methodology*.

\*Prisons and jails form one integrated system. Counts include only deaths in 15 locally operated jails and exclude deaths in state-operated prisons and jails.

Source: Bureau of Justice Statistics, *Mortality in Correctional Institutions, 2000–2019*.

# Methodology

## Data collection coverage

The Mortality in Correctional Institutions (MCI), formerly the Deaths in Custody Reporting Program (DCRP), was an annual Bureau of Justice Statistics (BJS) data collection from 2000 to 2019. The MCI obtained national-, state-, and incident-level data on adults who died while in the physical custody of the 50 state departments of corrections (DOCs) or in the physical custody of the approximately 2,800 local jail jurisdictions with adult populations nationwide. This methodology pertains to the local jail portion of the MCI collection only. BJS defines a jail as a locally operated correctional facility that confines persons before or after adjudication for more than 72 hours, excluding temporary lockups. See *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021) for data and the methodology on deaths in prisons.

The DCRP began in 2000 in response to the Death in Custody Reporting Act of 2000 (DICRA; P.L. 106–297) and was the only national statistical collection providing comprehensive information about deaths in adult correctional facilities. Starting in 2000, BJS collected annual data directly from the approximately 2,800 jail jurisdictions in the U.S. and maintained an average annual response rate of 98%. BJS used these data to track national trends in the number and causes or manners of deaths occurring in local jails. In 2017, BJS changed the name of the DCRP to MCI to more accurately describe the data collection.

BJS ceased collection of mortality data in state and local correctional facilities after the 2019 data year. When DICRA was reauthorized in 2014 (P.L. 113–242), it included additional enforcement and reporting compliance requirements that are incompatible with BJS's authorizing statute as a federal statistical agency. The U.S. Department of Justice (DOJ) determined it would be more appropriate for the Bureau of Justice Assistance (BJA) to administer the program and collect mortality data for the DOJ, starting with the first quarter of fiscal year 2019 (October to December 2019). State DOCs and local jails now report their death information on a quarterly basis to centralized state agencies, which compile and submit this to BJA to comply with all applicable requirements in P.L. 113–242.

Mortality data measured by the MCI included the location and type of facility where the incarcerated person died, decedent characteristics (sex, race or ethnicity, and age), admission date, conviction status, and admission offense. The MCI also collected data on the circumstances surrounding the death (the cause, time, and location of death), whether an autopsy was conducted, and the availability of autopsy results to the respondent. Data on executions are excluded from this report but are accessible on the BJS website.<sup>1</sup> Statistics for 2000 to 2019 presented in this report are considered final as of February 18, 2021.

For more information on mortality in correctional settings, see—

- *Mortality in State and Federal Prisons, 2001–2019 – Statistical Tables* (NCJ 300953, BJS, December 2021)
- *Suicide in Local Jails and State and Federal Prisons, 2000–2019 – Statistical Tables* (NCJ 300731, BJS, October 2021)
- *Mortality in Local Jails, 2000–2018 – Statistical Tables* (NCJ 256002, BJS, April 2021)
- *Mortality in State and Federal Prisons, 2001–2018 – Statistical Tables* (NCJ 255970, BJS, April 2021)
- *Assessing Inmate Cause of Death: Deaths in Custody Reporting Program and National Death Index* (NCJ 249568, BJS, April 2016)
- *Suicide and Homicide in State Prisons and Local Jails* (NCJ 210036, BJS, August 2005).

The MCI instruments for collecting jail data were administered annually to local jails. Respondents provided an aggregate count of the number of deaths that occurred during the referenced calendar year (CJ-9A/CJ-10A) and provided forms describing individual deaths (CJ-9). The jail survey instruments are available on the BJS website. Respondents submitted individual records on decedents at any time during a collection cycle through a BJS web-based collection system. In addition to the death count, jails were asked to provide summary statistics about their population and admissions. All jails, including those with no reportable deaths (about 80% of jails in any given year), were asked to complete the annual summary form.

<sup>1</sup>See *Capital Punishment, 2019 – Statistical Tables* (NCJ 300381, BJS, June 2021).

## Nonresponse

The jail universe includes all jails currently operating and excludes those BJS contacted for the MCI that have closed, consolidated, or otherwise eliminated operations. This universe allows BJS to determine jail participation in the MCI. The most recent jail universe identified 2,907 jurisdictions that represented 3,130 jail facilities. Of these, 2,819 jurisdictions (97%) participated in the MCI.

A jail jurisdiction is a legal entity that manages jail facilities. Jail jurisdictions typically operate at the county level, and a sheriff's office or jail administrator usually manages the local facilities. MCI data identify the jail facility where an inmate died, but data are summarized at the jail jurisdiction level.

## Determining eligibility for reporting to the Mortality in Correctional Institutions

In the MCI, custody refers to the physical holding of a person in a facility or to the period during which a correctional authority maintains a chain of custody over such person. For instance, if a jail transports an ill inmate to a hospital for medical services and that person dies in the hospital while in the chain of custody of the jail, then that death is counted as a death in custody. A death that occurs when an inmate is not in the custody of a correctional authority is considered beyond the scope of the MCI. Deaths were considered out of scope for inmates who were on escape status or under the supervision of community corrections, such as on probation, parole, or home electronic monitoring. Local jail officials were asked to determine whether the inmate was in the physical custody of the jurisdiction at the time of death, regardless of the reason the inmate was being held.

Custody is further complicated by the functions of some sheriffs' offices, including dual law enforcement and jail administration. As a result, some deaths that respondents reported as jail deaths occurred before the jail had custody of the decedent. Deaths that occurred in the process of arrest were identified by BJS and excluded by using information about the circumstances surrounding the death.

## Identifying and excluding duplicate records

Duplicate and out-of-scope records are excluded from analysis in this report. Duplicate death records may occur in the MCI due to overlapping correctional populations or overlapping duties within correctional facilities. For example, a state prison system may report

the death of a person who was transferred to a local jail while serving a prison sentence. This death would be counted by the local jail that had custody of the person at the time of death. The duplicate record from the prison would be deleted.

To identify duplicate records, BJS reconciles the aggregate summary counts of deaths that occurred during a calendar year with the number of individual records of death that were obtained from a reporting jurisdiction. When discrepancies are identified, reporting jurisdictions are contacted for clarification. However, even if summary counts and individual reports are reconciled, duplicate records may exist if multiple reporting units within a jurisdiction provide reconciled data.

Duplicate records occur primarily in reports from jail jurisdictions that have multiple reporting entities. To identify duplicate records, records are compared based on an inmate's name, date of birth, date of death, and date of admission into a correctional facility. After the aggregate count review, deaths reported to both the jail and prison MCI collections are identified, which most commonly occur when a local jail is housing an inmate for the state DOC. The death is counted under the facility that had custody of the inmate at the time of death, and the duplicate record is deleted.

## Information on cause of death

MCI respondents are instructed to report on the cause of death as determined by autopsy or another official medical investigation. For this collection, deaths due to intoxication, accidents, suicides, and homicides are considered discrete causes of death. Although the manner and cause of death are distinct from one another, no such distinction is made in the MCI. When reporting a death due to illness, accident, suicide, intoxication, or homicide, BJS requests that respondents describe the events surrounding these deaths. Clinical data specialists convert text entries that describe illness-related deaths into standard medical codes from the World Health Organization's International Statistical Classification of Diseases and Related Health Problems, Tenth Revision.

Homicides include all types of intentional homicide and involuntary manslaughter as determined by a medical examiner or pathologist at autopsy. Homicide counts include legal intervention homicides committed while an inmate was trying to escape. Homicides encompass cases that are ruled a homicide at autopsy when events that led to the death occurred prior to

incarceration, such as a person who was shot outside of custody and who later died from complications of the gunshot wound while in custody.

### Other BJS sources of correctional mortality data

BJS collects other data reported to the MCI on jail mortality. These other collections include—

- the Census of Jails (COJ), which is conducted every 5 to 6 years and provides counts of inmate deaths in local jails. Further discussion of the COJ is available on the BJS website.
- the Survey of Jails in Indian Country (SJIC), which provides aggregate counts of deaths in all known correctional facilities in Indian country that are operated by tribal authorities or the U.S. Department of the Interior's Bureau of Indian Affairs. Further discussion of the SJIC is available on the BJS website.

### Reported statistics

Mortality data in this report include the number of deaths and mortality rates by year, the cause of death, selected decedent characteristics, and the state where the death occurred.

Mortality rates are calculated per 100,000 local jail inmates, with the denominators providing estimates of the number of person-years of exposure in custody in institutional corrections (*person-years* combines time in jail with the number of inmates to measure actual exposure to a jail setting). The mortality rate in jails is calculated as the number of deaths per year divided by the inmate average daily population (ADP), with the resulting quotient multiplied by 100,000. The ADP for jails is defined as the average daily number of inmates held in a jail jurisdiction during a calendar year, from January 1 through December 31.

The ADP is used as the denominator for mortality rates to accommodate the high turnover and daily fluctuation in local jail populations. Compared to a single-day inmate count, the ADP is a better indicator of the number of days per year that an inmate is exposed to the risk of death. Jail populations have a much higher turnover than prison populations. Mean length of stay is about 26 days in local jails, compared to 2 years in state prisons.

The jail ADP reflects the annual number of admissions and mean length of stay, and it can be expressed as the product of these two values. When mean length of stay is expressed in years, the ADP is equivalent to the number of person-years spent by inmates during

a given year. ADP data are received directly from jails through the MCI using the summary form CJ-9A. Starting in 2002, BJS collected the ADP directly from respondents. Prior to 2002, the jail ADP was calculated by taking the average of the January 1 count from the prior year and the December 31 count from the reference year.

Both denominators provide for annualized mortality rates, which are calculated separately by group or characteristic. The annualized mortality rates in state prisons and local jails are comparable to annual crude, or unadjusted, mortality rates reported by the National Center for Health Statistics (NCHS).

The NCHS calculates crude mortality rates as the number of events for a period divided by the population estimate at the midpoint of the period. For general population mortality statistics, the NCHS uses the midyear population to approximate the average population that was exposed to risk of death during any given year.<sup>2</sup>

Like the mortality rates reported by the NCHS, the mortality rates of jail inmates reported in the MCI annual statistical tables are crude, or unadjusted. The composition of the general population differs by sex, race or ethnicity, and age from the population in local jails, which in turn differs from the population in state or federal prisons. In 2019, BJS adjusted the general population in table 4 and figure 3 of this report to reflect the sex, race or ethnicity, and age distribution of local jails to permit direct comparisons. For details on this adjustment, see *Comparison of jail mortality rates to the U.S. resident population*.

Records on individual inmates that were collected annually are included in the national death count. Independent and jail-specific counts are collected in the annual summary form (CJ-9A/CJ-10A) and serve as control death totals. If the death count in the summary form file is greater than the count in the file on individual inmates, the summary file count is used to calculate the jail mortality rate.

### Estimating population characteristics of inmates to calculate mortality rates by demographic subgroups

To estimate ADP distributions of inmate demographic characteristics, data from several data collections were used to generate distributions of sex, race or ethnicity,

<sup>2</sup>See Siegel, J. S., & Swanson, D. A. (Eds.). (2004). *The methods and materials of demography* (2nd ed., p. 269). Elsevier Academic Press.

and age. These collections were chosen because they were conducted closest in time to the 2019 reference year. These distributions were then applied to the ADP. These data collections include two types of data: (1) in-person survey data, where jail inmates are asked directly to identify their date of birth, sex at birth, race, and Hispanic origin, and (2) administrative data, which is derived from the official operational records maintained by the jail facility and may differ from how an inmate would self-identify, especially in terms of race and ethnicity, if given the chance. BJS's administrative data collections on jails include—

- the MCI, conducted annually
- the Annual Survey of Jails (ASJ), conducted annually
- the COJ, conducted every 5 to 6 years, including in 2013 and 2019.

BJS's in-person inmate survey data on jails include—

- Survey of Inmates in Local Jails (SILJ), last conducted in 2002
- National Inmate Survey (NIS), conducted in 2006, 2007 to 2009, and 2012.

Prior to 2010, the ASJ provided estimates of inmates by sex for each year of MCI collection. The ASJ percentages were applied to each year's ADP from the MCI to estimate the ADP of male and female inmates. Starting in 2010, sex-specific data on ADP from MCI were used to calculate the denominators for mortality rates for males and females.

Data from the SILJ, NIS, and COJ were used to estimate the relative distribution of adults by race or ethnicity for different periods. Because the SILJ (2002), NIS (2007 to 2009), and COJ (2013) are not fielded annually, the population estimates were smoothed before being applied to MCI data for specific time periods. The SILJ estimates were used to cover the period from 2000 to 2004, the NIS estimates to cover years 2005 to 2012, and the COJ estimates to cover years 2013 to 2019. In all cases, the percentages associated with the distribution of race or ethnicity were applied to the jail ADP.

To estimate the distribution of the inmate population by age, BJS first obtained an estimate of the number of inmates age 17 or younger from the ASJ (2000 to 2012 and 2014 to 2016) and the 2013 COJ data collection.

An estimate of the ADP of inmates age 17 or younger was obtained by applying the annual percentage of inmates age 17 or younger from the ASJ and COJ to the annual ADP collected in the MCI.

To estimate the distribution of adult inmates by age, data from the SILJ for 2000 to 2006 and the NIS for 2007 to 2016 were used to estimate the relative distribution of adults by age for specific periods. Estimates were directly available from these sources for 2002, 2007, 2009, and 2012. The age distribution for 2002 (SILJ) was applied to MCI data for 2000 and 2001, and the distribution from 2012 (NIS) was used for 2013 to 2019. Estimates were smoothed to account for gaps in reference years when age estimates were not available (2003 to 2006, 2008, 2010, and 2011).

### **Comparison of jail mortality rates to the U.S. resident population**

The jail population differs substantially from the U.S. resident population in terms of age, race or ethnicity, and sex distributions. These differences preclude direct comparison of mortality rates between jail inmates and U.S. residents. To allow for direct comparisons, BJS adjusted the U.S. resident population's mortality rates to the age-by-sex-by-race/ethnicity (ASR) distribution of jails in 2019.

BJS does not collect individual-level data on all jail inmates on an annual basis, instead obtaining annual univariate aggregate counts of the jail population by sex and by race or ethnicity through the ASJ. BJS can calculate the ASR 3-way cross distributions for the jail population only for those years in which it conducts an in-person inmate survey, the most recent of which was in 2012, the third iteration of the NIS. BJS can use the ratio of administrative age or race or ethnicity data to in-person survey data to determine how disparate administrative records are from a representative sample of jail inmates. The sex distribution of administrative data is assumed to be accurate because they represent official records of facilities, and typically, BJS's in-person survey data are weighted to reflect the sex distribution of the administrative data.

Because the ASR distribution in jails may have changed between 2012 and 2019, BJS did not simply impose the ASR distributions observed in the 2012 NIS on the 2019 jail population administrative data. Instead, BJS used other existing administrative data to make several educated assumptions and separate comparisons for

sex, race or ethnicity, and age to estimate a combined ASR distribution for jail inmates for 2019.

1. As previously stated, the sex distribution of administrative data is assumed to be accurate because they represent official records of facilities, and in-person survey data are weighted to reflect the sex distribution of the administrative data. Using the ratio of males and females from the 2012 NIS to the 2011 ASJ, BJS adjusted the 2019 ASJ sex distribution.
2. To obtain an updated age distribution for jail inmates, BJS compared sex-specific age distributions of arrestees from the FBI's Uniform Crime Reporting program in 2009 and 2012 to calculate the ratios of these distributions to the 2009 and 2012 NIS in-person survey results. These two distributions of age ratios were averaged and applied to the ASJ control totals by sex from 2015 to 2017 to obtain percent distributions of ages for males and females in the jail population for those years. An average of the 2016 to 2018 distributions was then applied to the adjusted 2019 ASJ sex totals to obtain the final 2019 age-by-sex distribution.
3. BJS does not obtain an annual sex-specific distribution of race or ethnicity through ASJ or MCI. BJS made the assumption that the race/ethnicity distribution of jail inmates in 2019 had not changed markedly from that reported in the 2011 ASJ. Additionally, BJS assumed the race/ethnicity distributions of jail inmates in the 2011 ASJ did not differ between the sexes. This allowed BJS to use the 2012 NIS-3 distributions of sex-specific race or ethnicity to adjust the counts of 2019 jail inmates.
  - a. Because the assumption of both male and female jail inmates having the same race/ethnicity distribution could be questioned, BJS repeated this step under a different assumption. The 2011 ASJ female race/ethnicity distribution was set equal to that of females observed in the 2012 NIS survey, and the distribution for males was calculated as the difference between the race/ethnicity distribution for males in the 2011 ASJ and the new female race/ethnicity distribution. Ultimately, there were no differences in the resulting mortality rates once the adult U.S. resident population was adjusted to these two methods of calculating the sex-by-race/ethnicity distribution.

4. BJS applied the sex-by-race/ethnicity distributions (assumption 3, above) to the sex-by-age distributions (assumption 2) to create an ASR table. BJS then raked the sex-specific counts so that the marginal totals for sex-specific race/ethnicity (assumption 3) and sex-specific age (assumption 2) matched the control totals of the bivariate crosstabulations of the characteristics.

U.S. resident population mortality data were obtained from the WONDER (Wide-ranging Online Data for Epidemiological Research) Underlying Cause of Death database (<https://wonder.cdc.gov/ucd-icd10.html>), created by the Centers for Disease Control and Prevention. Because local jails hold fewer than 800 persons age 17 or younger, BJS limited the WONDER death data to residents who had a known age at death and were age 18 or older in 2019. In addition, BJS excluded causes of death that are unlikely to occur in a jail setting, including motor vehicle accidents; homicides due to explosives or firearms not related to law enforcement, motor vehicle assault, or neglect; and firearm discharges not related to law enforcement.

For each cause of death, BJS parsed the WONDER death data to match ASR categories from the MCI and calculated crude mortality rates for the adult U.S. resident population for each ASR category. Next, the total jail inmate population was divided into the same ASR categories using the process described above. The crude mortality rates for the adult U.S. resident population were then multiplied by the total local jail population by weighted ASR category. This approach allowed BJS to generate a cause-specific expected count of deaths that, when summed, gave the total number of expected deaths in the U.S. resident population due to that cause for 2019, if the demographic distribution of the U.S. population resembled that of the local jail population. To obtain the adjusted mortality rate per 100,000 shown in table 4 and figure 3, BJS divided these cause-specific mortality rates by the total local jail population and multiplied by 100,000.

### Rolling averages

Rolling averages were computed to examine trends for certain causes of death in local jails while smoothing short-term fluctuations. Data were divided into 10 overlapping 3-year periods spanning 12 years. The rolling averages in this report describe some changes in cause-specific mortality rates over time, such as

whether the overall rise in the mortality rate for cancer was steady or the increase in unnatural deaths was recent. Rolling averages were not computed for all causes of death in custody due to the small number of deaths.

### **Interpreting rates among small populations**

MCI data on deaths in local jails are not subject to sampling error because the data represent a full enumeration of deaths. However, according to Brillinger and NCHS, mortality data from a complete enumeration may be subject to random error because “the number of deaths that actually occurred may be considered as one of a large series of possible results that could have arisen under the same set of circumstances.”<sup>3,4</sup> The random variation can be large

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<sup>3</sup>See Brillinger, D. R. (1986). The natural variability of vital rates and associated statistics. *Biometrics*, 42(4), 693–734.

<sup>4</sup>See Xu, J., Kochanek, K. D., Murphy, S. L., & Tejada-Vera, B. (2010). *Deaths: Final data for 2007* (National Vital Statistics Reports, Vol. 58, No. 19). National Center for Health Statistics. [https://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58\\_19.pdf](https://www.cdc.gov/nchs/data/nvsr/nvsr58/nvsr58_19.pdf)

when the number of deaths is small. Therefore, caution is warranted when interpreting statistics that are based on small numbers of deaths.

Continuing to use the NCHS and Brillinger methods, BJS quantified random variation by assuming that the appropriate underlying probability distribution for the number of deaths was a Poisson distribution. This provided a simple and reasonable approach for estimating variances in mortality statistics when the probability of dying is low. Variances were calculated based on the assumption of a Poisson process. From these variances, estimates of relative random error were calculated. These estimates are comparable to the relative standard error because the relative random error is the ratio of random error derived from the Poisson variance to the number of deaths. Following NCHS practice, when the relative random error exceeded 30%, estimated mortality rates were flagged with an “!” symbol to show the instability of the rate. (Interpret with caution. Estimate is based on 10 or fewer cases.)

**APPENDIX TABLE 1**

**Estimated number of local jail inmates in custody on an average day, by inmate characteristics, 2000–2019**

Characteristic	Total, 2000–2019	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total</b>	14,376,500	597,900	638,200	667,700	687,600	715,200	741,600	771,500	781,700	778,700	747,900	732,000	720,900	745,200	712,700	729,400	712,100	717,700	729,100	730,900	718,500
<b>Sex</b>																					
Male	12,475,500	529,700	564,200	590,300	605,900	627,200	647,400	672,000	680,800	679,800	656,700	640,200	629,900	645,800	613,800	625,600	609,000	611,000	618,500	619,400	608,400
Female	1,901,000	68,200	74,000	77,500	81,700	88,000	94,200	99,500	100,800	98,900	91,200	91,800	91,000	99,400	98,900	103,800	103,100	106,700	110,600	111,500	110,100
<b>Race/ethnicity</b>																					
White <sup>a</sup>	5,178,400	215,200	229,700	240,300	247,000	256,500	265,600	275,800	279,000	276,500	264,200	255,500	248,600	253,900	247,900	263,000	263,500	262,700	278,300	277,000	278,200
Black <sup>a</sup>	5,016,500	239,800	256,000	267,800	271,200	277,400	282,700	289,000	287,700	284,400	271,100	258,300	247,400	248,500	210,800	229,400	223,100	219,100	219,400	212,400	221,000
Hispanic	2,896,000	110,600	118,100	123,500	127,100	132,100	136,900	142,300	144,000	151,900	154,000	154,600	156,100	165,300	158,500	155,300	146,700	156,500	153,500	154,700	154,300
American Indian/ Alaska Native <sup>a</sup>	211,200	7,800	8,300	8,700	8,900	9,300	9,600	10,000	10,200	10,200	9,900	10,600	11,200	12,500	11,300	13,400	11,400	11,200	11,200	12,300	13,200
Asian <sup>a,b</sup>	143,600	6,600	7,000	7,300	7,500	7,800	8,000	8,300	8,400	7,700	6,800	6,800	6,700	7,100	7,000	7,200	7,000	6,900	6,500	6,500	6,500
Other <sup>a,c</sup>	930,700	17,900	19,100	20,000	25,700	32,100	38,800	46,000	52,500	47,900	41,800	46,300	50,900	58,000	77,200	61,000	60,400	61,300	60,300	68,100	45,400
<b>Age</b>																					
17 or younger	114,800	7,300	7,700	7,300	6,800	7,200	6,700	6,100	6,800	7,600	7,000	7,400	5,800	5,400	4,500	4,100	3,500	3,800	3,500	3,400	2,800
18–24	3,838,800	169,300	180,700	189,300	192,900	198,400	203,500	209,500	209,600	210,500	204,000	195,300	188,600	190,900	182,700	187,100	182,800	184,200	187,200	187,700	184,600
25–34	4,771,400	191,700	204,700	214,400	220,100	227,900	235,500	244,300	246,200	249,300	243,500	242,900	244,300	257,500	246,500	252,500	246,600	248,500	252,600	253,300	249,100
35–44	3,276,700	156,200	166,800	174,700	176,900	180,600	183,900	187,900	186,600	178,800	165,200	158,300	153,000	155,000	148,400	152,000	148,500	149,600	152,000	152,400	150,000
45–54	1,877,900	60,200	64,300	67,300	74,400	82,500	91,100	100,500	107,400	105,900	100,900	100,300	100,500	105,600	101,100	103,500	101,100	101,900	103,600	103,900	102,200
55 or older	496,800	13,200	14,100	14,800	16,600	18,600	20,800	23,100	25,000	26,700	27,400	27,900	28,700	30,800	29,500	30,200	29,500	29,700	30,200	30,300	29,800
<b>Legal status</b>																					
Convicted <sup>d</sup>	5,465,500	263,100	264,900	267,100	270,900	283,900	281,800	292,400	297,000	288,900	282,700	284,800	284,000	293,600	271,500	271,400	267,300	250,500	257,500	246,000	246,200
Unconvicted <sup>e</sup>	8,910,400	334,800	373,400	400,000	416,700	431,300	459,800	479,100	484,600	489,800	465,200	447,300	436,900	451,600	441,200	457,900	444,800	467,200	471,500	485,000	472,300
<b>Jail size<sup>f</sup></b>																					
49 or fewer inmates	439,000	27,500	26,700	24,800	24,200	23,700	22,800	22,700	21,900	21,200	20,800	21,000	21,100	21,400	20,100	20,200	20,700	20,100	19,800	19,100	19,000
50–99	751,100	38,800	38,800	40,700	40,800	41,700	39,000	39,100	37,300	38,600	37,600	36,100	35,300	36,100	35,500	37,000	36,700	36,000	36,300	35,500	34,200
100–249	1,864,900	75,900	82,800	85,600	87,900	90,600	93,200	93,500	91,000	90,800	91,400	94,900	94,400	93,600	92,300	96,800	99,400	104,800	103,200	102,000	100,600
250–499	2,055,400	75,500	86,100	89,800	95,400	97,000	97,600	96,800	107,700	104,800	102,800	98,900	101,400	112,000	102,500	110,800	108,200	110,000	116,000	123,600	118,500
500–999	2,453,300	97,600	99,800	101,800	104,900	107,900	121,200	127,300	120,900	125,900	121,100	128,900	127,100	129,400	128,400	129,000	127,300	134,600	136,000	138,700	145,700
1,000 or more	6,812,800	282,600	303,900	324,900	334,300	354,300	367,600	392,000	402,900	397,500	374,300	352,200	341,500	352,700	334,000	335,500	319,900	312,200	317,800	312,100	300,500

Note: Data are rounded to the nearest 100. Data may have been revised from previously published statistics. Details may not sum to totals due to rounding. Subpopulation estimates, such as sex, race or ethnicity, and age, were based on the reported proportion of the subpopulation in comparison to the total average daily population (ADP). Subpopulations for legal status were estimated using data from the Annual Survey of Jails. Subpopulations for sex and jail size were based on total counts reported to the Mortality in Correctional Institutions. See *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

<sup>f</sup>Jail size is based on the ADP.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–2019; National Inmate Survey, 2007–2009 and 2011–2012; and Survey of Inmates in Local Jails, 2002.

**APPENDIX TABLE 2**
**Illness mortality rate per 100,000 local jail inmates within each demographic group, by decedent characteristics, 2002–2019 (3-year rolling averages)**

Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total</b>	79	75	75	72	73	75	71	67	62	63	65	66	69	70	72	73	73	73
<b>Sex</b>																		
Male	80	75	74	71	72	74	70	66	62	63	64	66	69	70	71	73	72	74
Female	76	75	80	77	80	79	78	72	67	67	70	67	72	70	77	74	75	70
<b>Race/ethnicity</b>																		
White <sup>a</sup>	89	86	86	85	86	88	82	82	80	87	92	93	95	96	101	102	100	99
Black <sup>a</sup>	88	85	85	82	86	91	88	79	72	71	76	78	82	80	78	79	81	83
Hispanic	55	51	50	44	43	41	41	38	33	30	29	33	37	42	42	42	41	41
American Indian/Alaska Native <sup>a</sup>	40!	35!	41	54	69	60	56	43	39	32!	29!	29!	32	42	56	65	55	38
Asian <sup>a,b</sup>	19!	14!	22!	30!	37!	53	70	79	66	44!	53	58	70	61	81	83	85	72
Other <sup>a,c</sup>	4!	2!	0	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!
<b>Age</b>																		
17 or younger	18!	9!	14!	5!	10!	5!	5!	5!	9!	15!	11!	6!	0	0	0	0	0	10!
18–24	8	8	9	9	9	9	8	7	8	9	8	7	7	8	9	11	11	10
25–34	30	29	29	25	24	24	24	22	20	22	23	23	23	25	27	26	26	28
35–44	95	91	89	79	80	80	75	66	57	56	53	56	60	62	58	60	59	62
45–54	270	250	235	219	212	205	191	176	165	159	167	164	167	154	151	144	133	120
55 or older	664	628	597	593	593	604	550	534	508	517	518	520	557	582	645	676	710	744
<b>Legal status</b>																		
Convicted <sup>d</sup>	59	57	56	54	50	51	46	47	47	48	50	50	56	55	57	56	58	57
Unconvicted <sup>e</sup>	93	87	86	83	87	89	85	78	71	72	75	76	77	79	81	82	80	81

Note: Based on 3-year rolling averages. Labels show the most recent year only (for example, 2000–2002 is shown as 2002). Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously published statistics. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–2019; National Inmate Survey, 2007–2009 and 2011–2012; and Survey of Inmates in Local Jails, 2002.

**APPENDIX TABLE 3**
**Heart disease mortality rate per 100,000 local jail inmates within each demographic group, by decedent characteristics, 2002–2019 (3-year rolling averages)**

Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	33	34	33	31	30	30	28	27	28	31	34	35	35	35	37	39	40	40
<b>Sex</b>																		
Male	34	34	34	32	31	31	29	27	28	32	34	36	36	36	38	40	41	41
Female	27	30	28	24	23	22	24	24	27	28	32	31	33	30	31	30	34	33
<b>Race/ethnicity</b>																		
White <sup>a</sup>	44	43	40	40	40	40	34	35	38	46	50	51	49	48	51	53	55	53
Black <sup>a</sup>	35	37	37	34	33	33	35	31	31	34	40	44	46	46	44	46	49	50
Hispanic	14	17	19	17	15	12	12	13	14	11	11	10	13	15	16	17	18	19
American Indian/Alaska Native <sup>a</sup>	16!	19!	15!	18!	31!	30!	33!	23!	16!	16!	20!	20!	13!	14!	33	41	35	14!
Asian <sup>a,b</sup>	10!	5!	4!	4!	8!	20!	25!	26!	19!	20!	19!	24!	28!	38!	52	44!	25!	21!
Other <sup>a,c</sup>	4!	2!	0	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	1!	0	0	0
<b>Age</b>																		
17 or younger	9!	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10!
18–24	3	2	2	3	3	3	2	3	3	3	3	4	4	3	3	4	5	5
25–34	10	11	12	11	10	8	8	7	7	9	10	10	10	11	12	12	12	12
35–44	37	37	34	31	31	31	30	27	25	27	29	30	29	29	28	31	31	32
45–54	117	118	113	97	89	77	73	68	72	81	86	88	85	85	84	84	75	68
55 or older	338	339	308	297	278	280	255	247	253	273	293	296	307	306	344	368	415	432
<b>Legal status</b>																		
Convicted <sup>d</sup>	26	28	27	25	23	22	20	20	22	25	26	27	28	28	30	30	32	31
Unconvicted <sup>e</sup>	38	37	37	35	35	34	33	30	31	35	39	40	40	39	41	43	44	44

Note: Based on 3-year rolling averages. Labels show the most recent year only (for example, 2000–2002 is shown as 2002). Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously published statistics. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–2019; National Inmate Survey, 2007–2009 and 2011–2012; and Survey of Inmates in Local Jails, 2002.

**APPENDIX TABLE 4**
**Suicide mortality rate per 100,000 local jail inmates within each demographic group, by decedent characteristics, 2002–2019 (3-year rolling averages)**

Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
<b>Total</b>	48	46	44	41	39	37	34	35	37	42	42	43	46	49	50	47	45	46
<b>Sex</b>																		
Male	50	48	45	43	41	39	36	37	38	43	44	45	48	52	52	49	47	48
Female	32	34	33	28	22	21	19	24	28	32	28	28	32	36	38	36	36	37
<b>Race/ethnicity</b>																		
White <sup>a</sup>	97	94	86	77	71	70	65	71	76	87	88	88	92	99	100	94	89	90
Black <sup>a</sup>	16	14	15	16	17	16	14	14	13	15	15	18	20	21	19	17	17	18
Hispanic	30	28	30	30	28	23	20	18	19	22	22	25	24	28	27	27	26	24
American Indian/Alaska Native <sup>a</sup>	52	54	52	65	66	67	59	76	75	63	44	46	62	55	53	47	49	49
Asian <sup>a,b</sup>	43!	46!	49	52	54	49	57	52	38!	30!	34!	34!	38!	38!	47!	39!	55	72
Other <sup>a,c</sup>	2!	2!	1!	0	0	0	0	0	0	1!	1!	2!	1!	1!	0	0	0	1!
<b>Age</b>																		
17 or younger	81	73	66	58	55	46!	39!	28!	23!	20!	27!	32!	43!	41!	35!	46!	38!	52!
18–24	36	36	33	30	27	25	23	25	23	26	26	27	27	26	25	22	19	18
25–34	45	44	42	41	37	34	29	30	35	41	40	42	43	47	46	46	43	43
35–44	57	54	54	47	48	47	44	46	46	52	53	53	58	62	62	59	61	68
45–54	58	55	51	45	43	45	44	47	50	56	53	50	54	63	70	68	62	55
55 or older	74	66	52	61	56	55	53	54	57	56	64	79	93	104	97	87	101	108
<b>Legal status</b>																		
Convicted <sup>d</sup>	22	21	18	17	15	15	14	16	18	20	19	19	20	23	25	26	26	26
Unconvicted <sup>e</sup>	66	63	61	56	53	50	45	47	49	55	56	59	61	66	64	59	55	57

Note: Based on 3-year rolling averages. Labels show the most recent year only (for example, 2000–2002 is shown as 2002). Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously published statistics. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations* in *Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

<sup>b</sup>Includes Asians, Native Hawaiians, and Other Pacific Islanders.

<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–2019; National Inmate Survey, 2007–2009 and 2011–2012; and Survey of Inmates in Local Jails, 2002.

**APPENDIX TABLE 5**
**Mortality rate from drug or alcohol intoxication, accidents, and homicides per 100,000 local jail inmates within each demographic group, by decedent characteristics, 2002–2019 (3-year rolling averages)**

Characteristic	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Total	16	18	18	18	19	18	15	13	13	15	14	16	17	20	21	24	28	31
<b>Sex</b>																		
Male	15	17	17	18	19	18	15	14	13	15	14	15	16	19	20	23	27	30
Female	18	25	25	24	20	17	14	11	12	17	17	20	22	27	25	29	32	37
<b>Race/ethnicity</b>																		
White <sup>a</sup>	26	31	29	30	28	26	22	21	21	25	26	27	30	32	34	37	42	48
Black <sup>a</sup>	10	10	13	13	15	14	13	10	9	10	9	11	13	16	17	19	23	25
Hispanic	10	9	10	13	15	15	12	10	7	10	9	11	11	14	14	17	19	21
American Indian/Alaska Native <sup>a</sup>	16!	19!	7!	7!	10!	10!	7!	20!	20!	25!	6!	9!	3!	11!	17!	27!	29!	33
Asian <sup>a,b</sup>	10!	14!	18!	13!	8!	4!	4!	0	9!	25!	24!	19!	14!	28!	38!	34!	25!	15!
Other <sup>a,c</sup>	0	0	0	0	1!	1!	1!	0	0	0	0	0	0	0	0	0	0	0
<b>Age</b>																		
17 or younger	0	5!	9!	14!	10!	10!	5!	9!	5!	5!	0	6!	7!	16!	18!	18!	9!	0
18–24	8	9	9	10	11	11	9	6	6	6	7	7	8	9	9	9	9	8
25–34	13	15	17	17	18	17	14	12	10	12	13	14	15	17	19	23	26	29
35–44	19	21	21	21	22	20	18	17	17	20	17	19	20	23	25	28	36	44
45–54	34	40	35	33	29	25	20	20	20	24	21	24	27	31	30	31	35	41
55 or older	24	26	34	39	35	28	27	35	41	46	40	43	46	58	64	73	84	89
<b>Legal status</b>																		
Convicted <sup>d</sup>	10	10	9	8	10	10	9	7	8	11	11	12	11	13	15	16	20	24
Unconvicted <sup>e</sup>	19	22	24	25	24	22	19	17	16	17	16	19	21	24	25	28	31	34

Note: Based on 3-year rolling averages. Labels show the most recent year only (for example, 2000–2002 is shown as 2002). Mortality rates are per 100,000 inmates held in the custody of local jails. Mortality rates for 2001–2019 are based on the annual number of deaths and the average daily population (ADP). In 2000, ADP was estimated by taking the average of January 1 and December 31 inmate population counts. Data may have been revised from previously published statistics. See *Methodology*.

! Interpret with caution. Estimate is based on 10 or fewer cases. See *Interpreting rates among small populations in Methodology*.

<sup>a</sup>Excludes persons of Hispanic origin (e.g., “white” refers to non-Hispanic whites and “black” refers to non-Hispanic blacks).

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<sup>c</sup>Includes persons of two or more races and other races.

<sup>d</sup>Includes persons who returned to jail on a probation or parole violation.

<sup>e</sup>Includes persons in jail whose status was marked as other or was unspecified.

Source: Bureau of Justice Statistics, Annual Survey of Jails, 2000–2018; Census of Jails, 2019; Mortality in Correctional Institutions, 2000–2019; National Inmate Survey, 2007–2009 and 2011–2012; and Survey of Inmates in Local Jails, 2002.



The Bureau of Justice Statistics of the U.S. Department of Justice is the principal federal agency responsible for measuring crime, criminal victimization, criminal offenders, victims of crime, correlates of crime, and the operation of criminal and civil justice systems at the federal, state, tribal, and local levels. BJS collects, analyzes, and disseminates reliable statistics on crime and justice systems in the United States, supports improvements to state and local criminal justice information systems, and participates with national and international organizations to develop and recommend national standards for justice statistics. Doris J. James is the acting director.

This report was written by E. Ann Carson. Laura Maruschak and Stephanie Mueller verified the report.

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