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Bureau of Justice Statistics Bulletin

Jail Inmates, 1990

By James J. Stephan and Louis W. Jankowski BJS Statisticians

At midyear 1990 local jails in the United States held an estimated 405,320 persons, a 2.5% increase from 1989. Overall jail occupancy was 104% of the rated capacity of the Nation's jails. The average daily jail population for the year ending June 29, 1990, was 408,075, a 5.5% increase since 1989. (See appendix table.) The percentage growth in both the midyear count and the average daily population was significantly lower than the increases recorded between 1988 and 1989 (15%). These findings are from the 1990 Annual Survey of Jails, which obtained data from 1,135 jails in 804 jurisdictions, approximately a

Table 1. Jall population: One-day count and average daily population, by legal status and sex, 1989-90

| | Number of jail inmates | | | | |
|-------------------|------------------------|----------|---------|--|--|
| | Annual | | Percent | | |
| | Survey | of Jails | change. | | |
| · | 1989 | 1990 | 1989-90 | | |
| One-day count | | | | | |
| Allinmates | 395,553 | 405,320 | 2.5% | | |
| Adults | 393,303 | 403,019 | 2.5 | | |
| Male | 356,050 | 365,821 | 2.7 | | |
| Female | 37,253 | 37,198 | | | |
| Juveniles* | 2,250 | 2,301 | 2.3 | | |
| Average dally pop | ulation | | | | |
| All inmates | 386,845 | 408,075 | 5.5% | | |
| Adults | 384,954 | 405,935 | 5.5 | | |
| Male | 349,180 | 368,091 | 5.4 | | |
| Female | 35,774 | 37,844 | 5.8 | | |
| Juveniles* | 1,891 | 2,140 | 13.2 | | |

Note: Data for 1-day counts are for June 30, 1989, and June 29, 1990.

-Less than 0.5%.

*Juveniles are persons defined by State statute as being under a certain age, usually 18, and subject initially to juvenile court authority even if tried as adults in criminal court. Because less than 1% of the jail population were juveniles, caution must be used in interpreting any changes over time.

third of all jails. The jails surveyed are facilities administered by local officials and designed to hold persons for more than 48 hours but usually for less than 1 year.

Other survey findings include:

- During the year ending June 29, 1990, there were nearly 20 million jail admissions and releases.
- Males constituted 91% and females, 9% of all jail inmates. Whites were 51% of the local jail population; blacks, 47%; and other races, 2% of those inmates reporting race. Hispanics were 14% of all inmates.
- Unconvicted inmates (those on trial or awaiting arraignment or trial) were 51% of the adults being held in jails; convicted inmates (those awaiting or serving a sentence or those returned to jail for violating probation or parole) were 49%.
- Jails were operating at 104% of capacity in 1990, down from 108% in 1989.
- There were 508 jurisdictions with at least 100 jall inmates as an average daily population in the most recent census (1988). In 1990 these jurisdictions operated 832 jalls, which held a total of 327,917 inmates or about 81% of all jall inmates in the country.

In these jurisdictions —

- overall occupancy was 111% of rated capacity;
- 87% of the jurisdictions held inmates for other authorities;
- of the 37,965 inmates held for other authorities in 1990, 24,238 were being held because of crowding elsewhere, principally in State prisons;

June 1991

This Bureau of Justice Statistics Bulletin presents findings from the Annual Survey of Jails, conducted on June 29, 1990. The survey provides estimates of the country's jail inmate population in the years between nationwide jail censuses. This is the seventh survey in the series and the second following the 1988 Census of Local Jails.

We at BJS hope that this Bulletin will assist policymakers, practitioners, and the general public in assessing the current demands of a vital component of the Nation's criminal justice system.

The 1990 Annual Survey of Jails and this Bulletin would not have been possible without the generous cooperation of jail administrators and staff whose facilities were selected for the survey.

Steven D. Dillingham, Ph.D. Director

- 28% of the jurisdictions had at least one jail under court order to limit population, and 30% were under court order to improve one or more conditions of confinement;
- 35% of the jurisdictions reported at least one jall with an inmate death during the year;
- 494 inmate deaths were reported for these facilities during the year ending June 29, 1990, 42% from natural causes (other than AIDS);
- AIDS-related deaths accounted for 17% of all deaths, up from 14% in 1989.

One-day counts

On June 29, 1990, the estimated number of inmates held in local jalls was 405,320, an increase of 2.5% over the number held on June 30, 1989 (table 1). Per capita, local jalls held 162 persons for every 100,000 U.S. residents. One in every 457 adult residents of the United States was in jall on June 29, 1990.

Most juveniles in correctional custody are housed in juvenile facilities. Fewer than 1% of the inmates of the Nation's jails in 1990 were juveniles. An estimated 2,301 juveniles were housed in adult jails across the country on June 29, 1990. (For a definition of juveniles, see *Methodology*.)

Average daily population

The average daily population for the year ending June 29, 1990, was 408,075, an increase of 5.5% from 1989. The average daily population for males increased 5% from the number in 1989; during the same period, the female average daily population increased 6%. The average daily juvenile population for the year ending June 29, 1990, was 2,140.

Adult conviction status

On June 29, 1990, convicted inmates made up 49% of all adults inmates (table 2). The number of convicted inmates increased 4% since 1989. Convicted inmates include those awaiting sentencing or serving a sentence and those returned to jail because they had violated the conditions of their probation or parole.

Table 2. Conviction status of adult jall inmates, by sex, 1989-90

| | Number of jail inmates in Annual Survey of Jails | | | | |
|-------------------------------|---|--------------------|--|--|--|
| | 1989 | 1990 | | | |
| Total number of adult inmates | 393,303 | 403,019 | | | |
| Convicted Male | 189,012 171,181 | 195,661 177,619 | | | |
| Female | 17,831 | 18,042 | | | |
| Unconvicted Male | 204,291 184,869 | 207,358 188,202 | | | |
| Female | 19,422 | 19,156 | | | |

Note: Data are for June 30, 1989, and June 29, 1990. Annual Survey of Jalls data may underestimate the number of convicted inmates and overestimate the number of unconvicted inmates. Some facility records do not distinguish inmates awaiting sentence (or other convicted persons) from unconvicted inmates. The 1989 Survey of Inmates of Local Jails figures indicate that 43% of the inmates were unconvicted and 57% were convicted.

From 1989 to 1990 the reported number of unconvicted inmates increased 2%. Unconvicted inmates include those on trial or awaiting arraignment or trial.

Demographic characteristics

Males accounted for 91% of the jail inmate population (table 3). The adult male inmate population increased 3% since 1989. For adults an estimated 1 in every 241 men and 1 in every 2,581 women residing in the United States were in a local jail on June 29, 1990.

White inmates made up 51% of the jall population; blacks, 47%; and other races (Native Americans, Aleuts, Asians, and Pacific Islanders), 2%. The Hispanic percentage of the jall population (14%) remained unchanged from 1989 to 1990.

Table 3. Demographic characteristics of jali inmates, 1990

| Characteristic | Percent of jail inmates | | |
|----------------|----------------------------|--|--|
| Total | 100 % | | |
| Sex | | | |
| Male | 91% | | |
| Female | 9 | | |
| Race | | | |
| White | 51% | | |
| Male | 46 | | |
| Female | 5 | | |
| Black | 47 | | |
| Male | 43 | | |
| Female | 4 | | |
| Other* | 2 | | |
| Male | 1 | | |
| Female | - | | |
| Ethnicity | · | | |
| Hispanic | 14% | | |
| Male | 13 | | |
| Female | 1 | | |
| Non-Hispanic | 86 | | |
| Male | 78 | | |
| Female | 8 | | |

Note: Data are for June 29, 1990. Race was reported for 90% of the inmates in 1990. Detail may not add to total because of rounding.
--Less than 0.5%.

Population movement

During the year ending June 29, 1990, there were nearly 20 million admissions and releases from local jails, about equally divided between the two categories (table 4). The estimated volume of admissions increased by 3% between 1989 and 1990. Total admissions and releases for the year ending June 29, 1990, were 16,998 for juvenile females, 102,139 for juvenile males, 2.2 million for adult females, and 17.6 million for adult males.

Occupancy

The number of jail inmates increased 2.5% from 1989, while the total rated capacity of the Nation's jails rose 6% (table 5). Between 1989 and 1990 the percentage of rated capacity occupied fell 4 points to 104%.

Table 4. Annual jall admissions and releases, by legal status and sex, 1989-90

| | Number of | | | | | |
|------------------|-------------------------|------------|--|--|--|--|
| | admissions and releases | | | | | |
| | 1989 | 1990 | | | | |
| * | | | | | | |
| Total admissions | 9,774,096 | 10,064,927 | | | | |
| Adults | 9,720,102 | 10,005,138 | | | | |
| - Male | 8,606,700 | 8,894,706 | | | | |
| Female | 1,113,402 | 1,110,432 | | | | |
| Juveniles* | 53,994 | 59,789 | | | | |
| Male | 45,294 | 51,226 | | | | |
| Female | 8.700 | 8,563 | | | | |
| remale | 0,700 | 8,003 | | | | |
| Total releases | 9,494,814 | 9,870,546 | | | | |
| Adults | 9,442,773 | 9,811,198 | | | | |
| Male | 8,367,519 | 8,723,872 | | | | |
| Female | 1,075,254 | 1,087,326 | | | | |
| | | | | | | |
| Juveniles* | 52,041 | 59,348 | | | | |
| Male | 43,559 | 50,913 | | | | |
| Female | 8,482 | 8,435 | | | | |

Note: Data are for years ending June 30, 1989, and June 29, 1990.

Table 5. Jail capacity and occupancy, selected years, 1978-90

| | Na | ational Jail Censi | us | Annual Sur | rvey of Jails | |
|-------------------------------------|---------|--------------------|---------|------------|---------------|--|
| : | 1978 | 1983 | 1988 | 1989 | 1990 | |
| Number of inmates | 158,394 | 223,551 | 343,569 | 395,553 | 405,320 | |
| Rated capacity of jails | 245,094 | 261,556 | 339,633 | 367,769 | 389,171 | |
| Percent of rated capacity occupied* | 65% | 85% | 101% | 108% | 104% | |

Note: Data are for February 15, 1978, June 30, 1983, 1988, 1989, and June 29, 1990. *Percent of rated capacity occupied is based on the 1-day count of inmates.

^{*}Native Americans, Aleuts, Asians, and Pacific Islanders.

^{*}Juveniles are persons defined by State statute as being under a certain age, usually 18, and subject initially to juvenile court authority even if tried as adults in criminal court.

Characteristics of jurisdictions with large jall populations

On June 29, 1990, 81% of the Nation's local jail inmates were housed in the facilities of 508 jurisdictions, each with an average daily population of at least 100 incarcerated persons at the time of the 1988 Census of Local Jails (table 6). These jurisdictions accounted for 832 jails holding 327,917 inmates. The annual growth in the number of inmates housed in large jails (1.7%) was lower than the 2.5% growth of the total jail population.

Approximately 87% of the jurisdictions with large jail populations had one or more jails holding inmates for other authorities on June 29, 1990 - approximately the same proportion as in 1989. About 78% of the jurisdictions that were holding inmates for other authorities were holding them for State authorities. Approximately 12% of all inmates in large jail jurisdictions were being held for other authorities, nearly 4,100 fewer than in 1989. The number being held for State authorities in 1990 was 17% lower than in the previous year — a development that contributed to slower jail population growth in 1990.

Table 6. Impact of inmates held for other authorities, 1989-90

| | | er of juris- s/inmates 1990 |
|---|------------------------------------|------------------------------------|
| | | |
| Jurisdictions with large jail populations | 508 | 508 |
| Jurisdictions holding inmates for other authorities:* Federal State Local | 446 250 341 229 | 444 246 346 225 |
| Jurisdictions holding Inmates because of crowdin sisswhere: | ng 259 | 262 |
| All inmates in jurisdictions with large jall populations | 322,314 | 327,917 |
| Inmates being held for other authorities: Federal State Local | 42,053 7,301 31,814 2,938 | 37,965 8,182 26,277 3,506 |
| inmates being held because of crowding elsewhere: | 29,358 | 24,238 |

Note: Data are for June 30, 1989, and June 29, 1990, and cover all jurisdictions with an average daily inmate population of 100 or more at the time of the 1988 Census of Local Jails.

Table 7. Rated capacity and percent of capacity occupied, 1989-90

| Jurisdictions with large jail | | nber of | Rated Capacity | | Number of jail inmates | | Percent of capacity occupied | |
|--|------|---------|-------------------|---------|------------------------|---------|---------------------------------|------|
| populations | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 |
| Total | 508 | 508 | 276,706 | 294,965 | 322,314 | 327,917 | 116% | 111% |
| Jurisdictions with no jail under court order to reduce population | 374 | 366 | 138,764 | 149,339 | 160,129 | 162,792 | 115% | 109% |
| Jurisdictions with at least one jail under court order to reduce | a . | | | | | | | |
| population | 134 | 142 | 137,942 | 145,626 | 162,185 | 165,125 | 118% | 113% |

However, the number of inmates being held for both Federal authorities and other local authorities was higher than in 1989.

A majority of jurisdictions with large jail populations (52%) was holding inmates on June 29, 1990, because of crowding elsewhere. Of the 37,965 local jail inmates held for other authorities in 1990, 64% or 24,238 were detained because of crowding elsewhere, mostly in State prisons.

While overall occupancy in the Nation's jails was 4% above rated capacity in 1990, occupancy in jurisdictions with large jail populations was 11% above rated capacity (table 7). The number of large jail jurisdictions with at least 1 jail under court order to reduce crowding increased from 134 in 1989 to 142 in 1990.

Jail administrators responded to these judicial demands by increasing the rated capacity of facilities in large jail jurisdictions by 7% in 1990 — an expansion approximately 4 times greater than inmate population growth in large jurisdictions.

Jall administrators also responded to court directives to improve specific conditions of confinement. There were 152 large jail jurisdictions under court order for specific conditions in 1990, compared to 156 in 1989 (table 8). Appreciably fewer jurisdictions were operating under court orders to improve disciplinary procedures, administrative segregation policies, medical facilities or services, inmate classification practices, and grievance procedures. However, 1 more jurisdiction was under court order for crowded living conditions in 1990 (128) than in 1989 (127).

Table 8. Jurisdictions under court order to reduce population or to improve conditions of confinement, 1989 and 1990

| | Number of jurisdictions with large jail populations | | | | | | |
|--|---|------|---------------------|------|---------------------|--------|--|
| | , | | Ordere | d | Notorde | red | |
| | Total | | to limit population | | to limit population | | |
| | 1989 | 1990 | 1989 | 1990 | 1989 | 1990 | |
| | | | | | | | |
| Total | 508 | 508 | 134 | 142 | 374 | 366 | |
| Jurisdictions under court order citing | | | | | | | |
| specific conditions of confinement | 156 | 152 | 125 | 128 | 31 | 24 | |
| Subject of court order: | | | | | | | |
| Crowded living units | 127 | 128 | 115 | 119 | 12 | 9 | |
| Recreational facilities | 71 | 67 | 55 | 56 | 16 | 11 | |
| Medical facilities or services | 60 | 50 | 45 | 41 | 15 | 9 | |
| Visitation practices or policies | 51 | 42 | 40 | 37 | 11 | 9 5 | |
| Disciplinary procedures or policies | 49 | 32 | 39 | 25 | 10 | . 7 | |
| Foodservice | 36 | 36 | 29 | 30 | 7 | 6 | |
| Administrative segregation | | | | | | | |
| procedures or policies | 40 | 26 | 33 | 23 | 7 | 3 | |
| Staffing patterns | 57 | 51 | 47 | 43 | 10 | 8 | |
| Grievance procedures or policies | 44 | 34 | 35 | 28 | 9 | 6 | |
| Education or training programs | 27 | 16 | 20 | 14 | 7 | 2 | |
| Fire hazards | 27 | 14 | 24 | 11 | 3 | 3 | |
| Counseling programs | 24 | 20 | 17 | 17 | . 7 | 3 | |
| Inmate classification | 47 | 37 | 38 | 32 | 9 | 5 | |
| Library services | 51 | 50 | 36 | 41 | 15 | 9 | |
| Other | 14 | 14 | 10 | 11 | 4 | . 3 | |
| Totality of conditions | 38 | 37 | 33 | 34 | 5 | 3 | |

^{*}Detail adds to more than total because some jurisdictions hold inmates for more than one authority.

Twenty-five largest jail jurisdictions

The Nation's 25 largest jall jurisdictions had between 1 and 14 individual jails in their systems and average daily populations ranging from 2,110 to 21,984 inmates (table 9). Ten of the jurisdictions were in California, 4 in Texas, 3 in Florida, and 1 each in Arizona, Georgia, Illinois, Louislana, Maryland, Pennsylvania, New York, and Tennessee. Nine of the jurisdictions had a lower average daily population in 1990 than in 1989, and eight had a lower population on June 29, 1990, than on June 30, 1989.

Table 9. Twenty-five largest jurisdictions in 1990: Average daily population and 1-day count, June 30, 1989, and June 29, 1990

| | Numb | er of jails | Average | daily | Popul | ation on | |
|-------------------------------|-----------------|-------------|------------|-----------|----------|----------|--|
| | <u>in juris</u> | diction | population | on during | June 30, | June 29, | |
| Jurisdiction | 1989 | 1990 | 1989 | 1990 | 1989_ | 1990 | |
| Los Angeles County, Calif. | 8 | 8 | 22,426 | 21,984 | 22,100 | 21,610 | |
| New York City, N.Y. | 14 | 14 | 16,500 | 17.538 | 16,597 | 16,916 | |
| Cook County, III. | | _ | 7,000 | 6,825 | 7,081 | 7,169 | |
| Dallas County, Tex. | 4 | 4 | 5.800 | 5,860 | 6,043 | 5,306 | |
| Harris County, Tex. | 2 | 3 | 8,206 | 5,694 | 8,199 | 5,633 | |
| San Diego County, Calif. | 11 . | 12 | 4,477 | 5,089 | 4,987 | 4,803 | |
| Shelby County, Tenn. | 2 7 | 2 | 4,452 | 4,932 | 4,838 | 4,894 | |
| Philadelphia County, Penn. | 7 | 7 | 4,277 | 4,813 | 4,566 | 4,821 | |
| Dade County, Fla. | 6 | 6 | 4,773 | 4,551 | 4,726 | 4,758 | |
| Orange County, Calif. | 3 | 3 | 4,281 | 4,370 | 4,527 | 4,402 | |
| Santa Clara County, Calif. | 10 | 7 | 4,316 | 4,177 | 4,162 | 4,217 | |
| Maricopa County, Ariz. | 7 | ô | 3,905 | 3,887 | 3,896 | 4,260 | |
| Alameda County, Calif. | 4 | 4 | 3,110 | 3,610 | 3,214 | 3,505 | |
| Orleans Parish, La. | | | 3,700 | 3,604 | 3,663 | 3,550 | |
| Sacramento County, Calif. | 3 | 3 | 3,321 | 3,095 | 2,966 | 3,233 | |
| Broward County, Fla. | 3 | 3 | 2,979 | 3,059 | 2,844 | 2,788 | |
| Tarrant County, Tex. | 2 3 | 3 | 2,420 | 2,958 | 2,698 | 3,339 | |
| Orange County, Fla. | 3 | 2 | 2,831 | 2,890 | 3,305 | 3,031 | |
| San Bernardino County, Calif. | 2 5 | 2 | 2,404 | 2,852 | 2,395 | 2,909 | |
| Baltimore City, Md. | 5 | 4 | 2,734 | 2,678 | 2,783 | 2,708 | |
| Fulton County, Ga. | 4 | 4 | 2,278 | 2,517 | 2,316 | 3,151 | |
| Kern County, Calif. | 3 | 3 | 2,302 | 2,383 | 2,291 | 2,595 | |
| Bexar County, Tex. | 1 | 1 | 1,943 | 2,352 | 2,284 | 2,339 | |
| Fresno County, Calif. | 3 | 3 | 1,829 | 2,309 | 2,101 | 2,246 | |
| Riverside County, Calif. | 4 | 4 | 1,649 | 2,110 | 1,479 | 2,111 | |

-These jurisdictions provided a single report covering all of their jail facilities.

Appendix table. One-day count and average daily population of jall inmates, 1978, 1983, 1988, 1989, and 1990

| | | Nur | nber of jail in: | nates | | |
|--------------------------|----------------------|---------|------------------|---------------------------|---------|--|
| | National Jail Census | | | Annual Survey of Jails | | |
| | 1978 | 1983 | 1988 | 1989 | 1990 | |
| One-day count | | | | | | |
| All inmates | 158,394 | 223,551 | 343,569 | 395,553 | 405,320 | |
| Adults | 156,783 | 221,815 | 341.893 | 393.303 | 403,019 | |
| Male | 147,506 | 206,163 | 311,594 | 356,050 | 365,821 | |
| Female | 9,277 | 15,652 | 30,299 | 37,253 | 37,198 | |
| Juveniles* | 1,611 | 1,736 | 1,676 | 2,250 | 2,301 | |
| Average daily population | | | | | | |
| Allinmates | 157,930 | 227,541 | 336,017 | 386,845 | 408,075 | |
| Adults | 156,190 | 225,781 | 334,566 | 384,954 | 405,935 | |
| Male | 146,312 | 210,451 | 306,379 | 349,180 | 368,091 | |
| Female | 9,878 | 15,330 | 28,187 | 35,774 | 37,844 | |
| Juveniles* | 1,740 | 1,760 | 1,451 | 1,891 | 2,140 | |

Note: Data for 1-day counts are for February 15, 1978, and June 30, 1983, 1988, and 1989, and June 29, 1990. *Juveniles are persons defined by State statute as being under a certain age, usually 18, and subject initially to juvenile court authority even if tried as adults in criminal court. Because less than 1% of the jail population were juveniles, caution must be used in interpreting any changes over time.

Inmate deaths

A total of 180 large jall jurisdictions (35%) reported one or more jails with an inmate death during the year ending June 29, 1990, slightly fewer than during the previous annual period, 186 (37%) (table 10). About 7 of every 10 deaths reported in jurisdictions with large jall populations in 1990 resulted from either natural causes other than AIDS (42%) or from suicide (30%). AIDS-related deaths accounted for 17% of the total, up from 14% in 1989; injury by another person, 3%; and accidents or undetermined causes, 8%.

Table 10. Jurisdictions with large jail populations: Inmate deaths, 1989-90

| Cause | | tions re- deaths ^a | Inmate deaths | | |
|-----------------------------|------|----------------------------------|---------------|------|--|
| of death | 1989 | 1990 | 1989 | 1990 | |
| Total | 186 | 180 | 414 | 494 | |
| Natural causes ^b | 98 | 98 | 184 | 208 | |
| AIDS | 27 | 32 | 57 | 84 | |
| Suicide | 95 | 102 | 121 | 148 | |
| Injury by another | | | | | |
| person | 15 | - 11 | 22 | 14 | |
| Other ^c | 24 | 22 | 30 | 40 | |

Note: Data are for the year ending June 30, 1989, and June 29, 1990, and cover all jurisdictions with an average dally inmate population of 100 or more at the time of the 1988 Jail Census. The number of deaths from AIDS and other natural causes may have been under-reported in some jurisdictions that transferred sick inmates to outside hospitals and other medical facilities.

Detail adds to more than total because some jurisdictions reported more than one type of death.
Exclude AIDS-related deaths.

Includes accidents and undetermined causes of death

Methodology

The 1990 Annual Survey of Jails was the seventh such survey in a series sponsored by the Bureau of Justice Statistics. The first was conducted in 1982. Complete enumerations of the Nation's jails are conducted every 5 years. Annual surveys — which collect data on all jails in jurisdictions with 100 or more jail inmates and on a sample of all other jails — are done in each of the 4 years between full censuses. The reference date for the 1990 survey was June 29, 1990. Full censuses were done on February 15, 1978, June 30, 1983, and June 30, 1988.

A local jail is a facility that holds inmates beyond arraignment, usually for more than 48 hours, and is administered by local officials. Specifically excluded from the count were temporary lockups that house persons for less than 48 hours, physically separate drunk tanks, and other holding facilities that did not hold persons after they had been formally charged, Federal- or Stateadministered facilities, and the combined lail-prison systems of Alaska, Connecticut, Delaware, Hawaii, Rhode Island, and Vermont. Included in the universe were five locally operated jails in Alaska and eight alls that were privately operated under contract for local governments.

The 1990 survey included 1,135 jalls in 804 jurisdictions. A jurisdiction is a county, municipality, or township that administers one or more local jalls. The jalls in 508 jurisdictions were automatically included in the survey because the average daily inmate population in these jurisdictions was 100 or more in the 1988 census. The jurisdictions with large jail populations, called certainty jurisdictions, accounted for 832 jalls and 327,917 inmates or 81% of the estimated inmate population on June 29, 1990.

Information referring to certainty jurisdictions is presented at the jurisdiction level. Prior to 1987 these data were presented for individual jails. The other jurisdictions surveyed constituted a stratified random sample of those jurisdictions whose average daily population was less than 100 in the 1988 jail census.

Data were obtained by mailed questionnaires. Two followup mailings and phone alls were used to encourage reporting. The response rate was 99% for all jails. For the nine jails in certainty jurisdictions and the three jails outside certainty jurisdictions not responding to the survey, data were adjusted by applying the average growth factor for facilities in the same stratum and region and with the same type of inmates (men, women, or both sexes).

National estimates for the inmate population on June 29, 1990, were produced by sex, race, legal status, and conviction status; for the average daily population and for admissions and releases during the year ending June 29, 1990, by sex and legal status. National estimates were also produced for rated capacity. Administrators of jails in jurisdictions with large jail populations provided counts of inmates held for other authorities, inmate deaths, and jails under court order.

Sampling error

National estimates have an associated sampling error (standard error) because jails with an average daily population of less than 100 were sampled for the survey. Estimates based on a sample survey are apt to differ somewhat from the results of a survey canvassing all jurisdictions. Each of the samples that could have been selected using the same sample design could yield somewhat different results. Standard error is a measure of the variation among the estimates from all possible samples, stating the precision with which an estimate from a particular sample approximates the average result of all possible samples. The estimated relative sampling error for the total inmate population of 405,320 on June 29. 1990, was 0.44%, meaning that the reported total number of inmates may have varied by as much as 1,778 from the average result of all possible samples.

Results presented in this bulletin were tested to determine whether or not statistical significance could be associated with observed differences between values. Differences were tested to ascertain whether they were significant at 1.96 standard errors (the 95-percent-confidence level) or higher. Differences mentioned in the text meet or exceed this 95-percent-confidence level.

Measures of population

Two measures of inmate population are used: the average daily population for the year ending June 29 and the inmate count on June 29 of each year. The average daily inmate population balances out any extraordinary events that may render the 1-day count atypical. The 1-day count is useful because some characteristics of the

inmate population — such as race, ethnicity, and detention status — can be obtained for a specific date but may not be available on an annual basis.

All calculations in this report involving general population figures used Bureau of the Census projections of the population for July 1, 1989, reported in *U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1989*, Series P-25, No. 1057.

Juveniles

State statutes and judicial practices allow juveniles to be incarcerated in adult jails and prisons under a variety of circumstances. Juveniles are persons who are defined by State statute as being under a certain age, usually 18 years, and who are initially subject to juvenile court authority even if tried as adults in criminal court. The Juvenile Justice and Delinquency Prevention Act of 1974 requires sight and sound separation from adults for those juveniles not tried as adults in criminal court but held in adult jails. A 1980 amendment to that 1974 act requires the removal of juveniles from local jails, except those juveniles who are tried as adults for felonies. The proportion of juveniles who were housed in adult lails in accordance with these guidelines is not available.

Bureau of Justice Statistics Bulletins are prepared principally by BJS staff. James Stephan and Louis Jankowski, statisticians, wrote this report. Thomas Hester edited it. Darrell Gilliard provided statistical assistance. Marilyn Marbrook, publications unit chief, administered production, assisted by Betty Sherman, Jayne Pugh, and Yvonne Boston. Collection and processing of the 1990 Jail Survey were conducted by Lisa McNelis, Betty Ford, Ellen Rhodes, Martha Greene, Linda Huang, and Dawn Crawford under the supervision of Diana Cuil, U.S. Bureau of the Census.

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The Assistant Attorney General, Office of Justice Programs, coordinates the activities of the following program offices and bureaus: Bureau of Justice Statistics, National Institute of Justice, Bureau of Justice Assistance, Office of Juvenile Justice and Delinquency Prevention, and Office for Victims of Crime.

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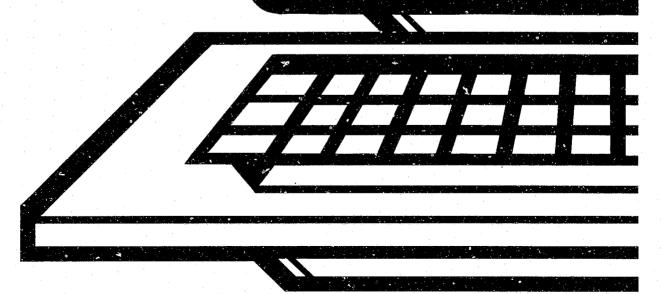
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