



# Local Police Departments, Procedures, Policies, and Technology, 2020 – Statistical Tables

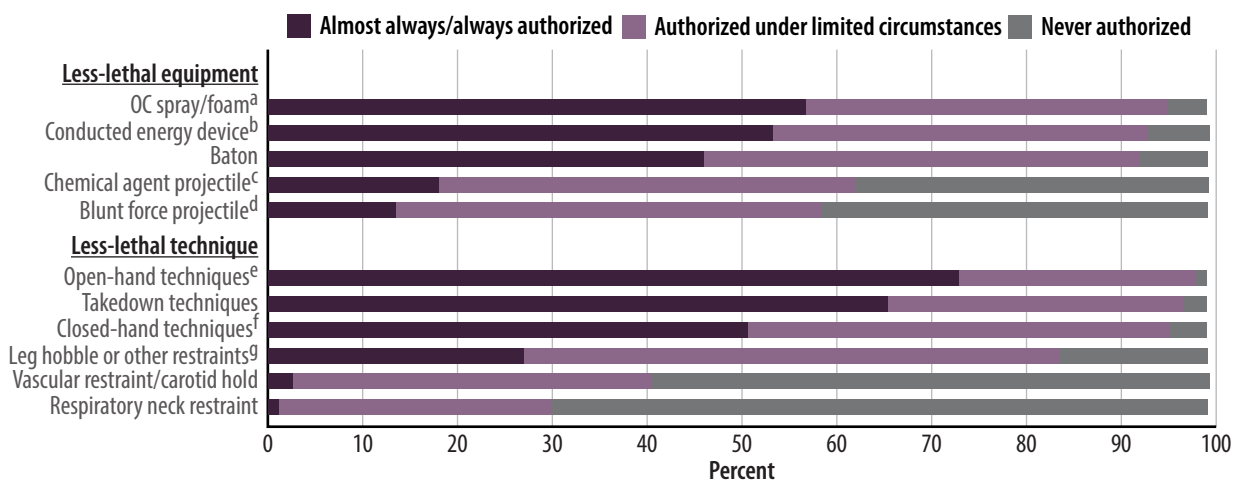
Sean E. Goodison, PhD, and Connor Brooks, *BJS Statisticians*

In 2020, 57% of local police departments almost always or always authorized oleoresin capsicum (OC) spray or foam, and 53% almost always or always authorized conducted energy devices, such as Tasers and stun guns (figure 1). Figure 1 displays the authorization of less-lethal equipment and techniques in 2020. Less-lethal equipment and techniques are weapons and tactics that are not intended to cause death or serious injury. Among less-lethal techniques, 73% of local police departments almost always or always authorized open-hand techniques and another 25% authorized them in

limited circumstances. Similarly, about 65% of departments almost always or always authorized takedown techniques and another 31% authorized them under limited circumstances.

Conversely, more than half (59%) of local police departments never authorized vascular restraints or carotid holds. About 69% of local police departments never authorized respiratory neck restraints, while 29% did so under limited circumstances and 1% almost always or always authorized them.

**FIGURE 1**  
Percent of local police departments that authorized selected less-lethal equipment and techniques, by authorization level, 2020



Note: Less-lethal equipment and techniques denote weapons and tactics that are not intended to cause death or serious injury. See tables 1 and 2 for estimates and appendix tables 1 and 2 for standard errors.

<sup>a</sup>For example, pepper spray. OC denotes oleoresin capsicum.

<sup>b</sup>For example, Tasers or stun guns.

<sup>c</sup>For example, CS (o-chlorobenzylidene malononitrile) gas/tear gas or OC pellets.

<sup>d</sup>For example, bean bags or rubber bullets.

<sup>e</sup>For example, grabs, holds, and joint locks.

<sup>f</sup>For example, punches, elbow strikes, and kicks.

<sup>g</sup>Excludes handcuffs.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.



This report uses selected variables from the 2020 Law Enforcement Management and Administrative Statistics (LEMAS) data collection, conducted by the Bureau of Justice Statistics (BJS), to describe equipment, policies, and procedures in local police departments by population served. Additionally, this report describes the percentage of officers who work in departments with said equipment, policies, and procedures. Local police departments include general-purpose law enforcement agencies such as municipal, county, and regional police departments, but exclude other types of general-purpose law enforcement agencies, such as

sheriffs' offices and primary state and highway patrol agencies. For information on personnel in local police departments, see *Local Police Departments Personnel, 2020* (NCJ 305187, BJS, November 2022).

Findings in this report are primarily based on the 2020 LEMAS survey. Conducted periodically since 1987, the LEMAS survey collects data on a range of topics from a nationally representative sample of general-purpose state and local law enforcement agencies. (See *Methodology in Local Police Departments Personnel, 2020* (NCJ 305187, BJS, November 2022).)

## Highlights

- In 2020, about 29% of local police departments authorized respiratory neck restraints only under limited circumstances, and 29% of officers worked in these departments.
- About 62% of local police departments deployed body-worn cameras in 2020.
- Most (93%) local police departments required annual in-service training hours for full-time sworn officers in 2020, with an average requirement of 46 hours.
- In 2020, about 9% of local police departments had officers check immigration status during a traffic stop.
- About 32% of local police departments maintained a written community policing plan in 2020, compared to 42% in 2016.
- In 2020, about 16% of all local police departments had a civilian complaint review board or agency.
- About 27% of local police departments required investigations by an external agency for use of force resulting in death, and 33% of all officers worked in such departments.
- While 27% of local police departments used data for hot spot analysis, all local police departments serving a population of 250,000 or greater used data for hot spot analysis in 2020.
- In 2020, 80% of all local police departments used social media, an increase from 75% in 2016.

## List of tables

**TABLE 1.** Percent of local police departments that authorized less-lethal equipment, by size of population served, type of equipment, and authorization level, 2020

**TABLE 2.** Percent of local police departments that authorized less-lethal techniques, by size of population served, type of technique, and authorization level, 2020

**TABLE 3.** Percent of local police departments that authorized selected firearms, by duty status of officers and size of population served, 2020

**TABLE 4.** Percent of local police departments that used selected types of video cameras, by size of population served, 2020

**TABLE 5.** Percent of local police departments that used K-9 units and number of handlers and K-9s, by selected functions and size of population served, 2020

**TABLE 6.** Percent of local police departments that required annual in-service training of nonprobationary patrol and field officers, by size of population served, 2020

**TABLE 7.** Percent of local police departments with written policies or procedural directives, by selected topic and size of population served, 2020

**TABLE 8.** Percent of local police departments that regularly checked immigration status in selected circumstances, 2020

**TABLE 9.** Percent of local police departments that required external investigations for selected situations, by size of population served, 2020

**TABLE 10.** Percent of local police departments that engaged in selected community policing activities, by size of population served, 2020

**TABLE 11.** Percent of local police departments that solicited feedback from the community for selected topics, by size of population served, 2020

**TABLE 12.** Percent of local police departments with informal problem-solving partnerships or formal written agreements with selected groups, by size of population served, 2020

**TABLE 13.** Percent of local police departments that used data for selected activities, by size of population served, 2020

**TABLE 14.** Percent of local police departments that regularly used selected technologies, by size of population served, 2020

*continued on next page*

## List of figures

**FIGURE 1.** Percent of local police departments that authorized selected less-lethal equipment and techniques, by authorization level, 2020

**FIGURE 2.** Percent of local police departments that used body-worn cameras, by size of population served, 2016 and 2020

**FIGURE 3.** Ratio of officers to body-worn cameras in local police departments, by size of population served, 2020

**FIGURE 4.** Selected reasons local police departments did not regularly check immigration status, 2020

**FIGURE 5.** Percent of local police departments with a computerized early warning system or early intervention system for monitoring problematic officer behavior, by size of population served, 2016 and 2020

**FIGURE 6.** Percent of local police departments with a civilian complaint review board or agency, by size of population served, 2016 and 2020

**FIGURE 7.** Percent of local police departments that maintained a written community policing plan or conducted a citizen police academy, 2016 and 2020

**FIGURE 8.** Percent of local police departments with a website, by size of population served, 2016 and 2020

**FIGURE 9.** Percent of local police departments that used social media, by size of population served, 2016 and 2020

## List of appendix tables

**APPENDIX TABLE 1.** Standard errors for table 1: Percent of local police departments that authorized less-lethal equipment, by size of population served, type of equipment, and authorization level, 2020

**APPENDIX TABLE 2.** Standard errors for table 2: Percent of local police departments that authorized less-lethal techniques, by size of population served, type of technique, and authorization level, 2020

**APPENDIX TABLE 3.** Standard errors for table 3: Percent of local police departments that authorized selected firearms, by duty status of officers and size of population served, 2020

**APPENDIX TABLE 4.** Standard errors for table 4: Percent of local police departments that used selected types of video cameras, by size of population served, 2020

**APPENDIX TABLE 5.** Estimates and standard errors for figure 2: Percent of local police departments that used body-worn cameras, by size of population served, 2016 and 2020

**APPENDIX TABLE 6.** Estimates and standard errors for figure 3: Ratio of officers to body-worn cameras in local police departments, by size of population served, 2020

**APPENDIX TABLE 7.** Standard errors for table 5: Percent of local police departments that used K-9 units and number of handlers and K-9s, by selected functions and size of population served, 2020

**APPENDIX TABLE 8.** Standard errors for table 6: Percent of local police departments that required annual in-service training of nonprobationary patrol and field officers, by size of population served, 2020

*continued on next page*

## List of appendix tables (continued)

**APPENDIX TABLE 9.** Standard errors for table 7: Percent of local police departments with written policies or procedural directives, by selected topic and size of population served, 2020

**APPENDIX TABLE 10.** Standard errors for table 8: Percent of local police departments that regularly checked immigration status in selected circumstances, 2020

**APPENDIX TABLE 11.** Estimates and standard errors for figure 4: Selected reasons local police departments did not regularly check immigration status, 2020

**APPENDIX TABLE 12.** Estimates and standard errors for figure 5: Percent of local police departments with a computerized early warning system or early intervention system for monitoring problematic officer behavior, by size of population served, 2016 and 2020

**APPENDIX TABLE 13.** Estimates and standard errors for figure 6: Percent of local police departments with a civilian complaint review board or agency, by size of population served, 2016 and 2020

**APPENDIX TABLE 14.** Standard errors for table 9: Percent of local police departments that required external investigations for selected situations, by size of population served, 2020

**APPENDIX TABLE 15.** Standard errors for table 10: Percent of local police departments that engaged in selected community policing activities, by size of population served, 2020

**APPENDIX TABLE 16.** Estimates and standard errors for figure 7: Percent of local police departments that maintained a written community policing plan or conducted a citizen police academy, 2016 and 2020

**APPENDIX TABLE 17.** Standard errors for table 11: Percent of local police departments that solicited feedback from the community for selected topics, by size of population served, 2020

**APPENDIX TABLE 18.** Standard errors for table 12: Percent of local police departments with informal problem-solving partnerships or formal written agreements with selected groups, by size of population served, 2020

**APPENDIX TABLE 19.** Standard errors for table 13: Percent of local police departments that used data for selected activities, by size of population served, 2020

**APPENDIX TABLE 20.** Estimates and standard errors for figure 8: Percent of local police departments with a website, by size of population served, 2016 and 2020

**APPENDIX TABLE 21.** Estimates and standard errors for figure 9: Percent of local police departments that used social media, by size of population served, 2016 and 2020

**APPENDIX TABLE 22.** Standard errors for table 14: Percent of local police departments that regularly used selected technologies, by size of population served, 2020

## Equipment and operations

- In 2020, about 93% of local police departments authorized conducted energy devices, either under limited circumstances (40%) or almost always (53%) (table 1).
- Almost all local police departments authorized the use of batons (92%). About 44% of officers worked in

departments that almost always or always authorized the use of batons.<sup>1</sup>

- More than two-fifths (44%) of local police departments authorized the use of chemical agent projectiles under limited circumstances, while less than a fifth (18%) almost always or always authorized their use.

<sup>1</sup>“Officers” refers to full-time-equivalent sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers).

**TABLE 1**  
**Percent of local police departments that authorized less-lethal equipment, by size of population served, type of equipment, and authorization level, 2020**

| Equipment and authorization level            | Size of population served |                            |                 |                 |               |               |               |             |                | All officers <sup>a</sup> |
|--|---------------------------|----------------------------|-----------------|-----------------|---------------|---------------|---------------|-------------|----------------|---------------------------|
|  | All sizes                 | 500,000 or more residents* | 250,000–499,999 | 100,000–249,999 | 50,000–99,999 | 25,000–49,999 | 10,000–24,999 | 2,500–9,999 | 2,499 or fewer |                           |
| <b>OC spray/foam<sup>b</sup></b>             |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                   | 94.8%                     | 95.5%                      | 100% †          | 100% †          | 99.0% †       | 98.4% †       | 94.9%         | 95.5%       | 92.4% †        | 97.5%                     |
| Almost always/always authorized              | 56.7                      | 54.5                       | 52.8            | 56.2            | 60.0          | 57.6          | 50.3          | 57.2        | 58.4           | 52.1                      |
| Authorized under limited circumstances       | 38.1                      | 40.9                       | 47.2 ‡          | 43.8            | 39.0          | 40.9          | 44.6          | 38.4        | 34.0 †         | 45.3                      |
| <b>Conducted energy device<sup>c</sup></b>   |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                   | 92.7%                     | 97.7%                      | 100% †          | 97.5%           | 94.1% †       | 94.9%         | 93.8% †       | 92.5% †     | 91.4% †        | 95.7%                     |
| Almost always/always authorized              | 53.2                      | 38.6                       | 50.9 †          | 49.7 †          | 53.1 †        | 48.7 †        | 46.4 ‡        | 53.9 †      | 56.8 †         | 43.3                      |
| Authorized under limited circumstances       | 39.6                      | 59.1                       | 49.1 †          | 47.8 †          | 41.0 †        | 46.2 †        | 47.4 †        | 38.6 †      | 34.6 †         | 52.5                      |
| <b>Baton</b>                                 |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                   | 91.9%                     | 100%                       | 100%            | 99.0% †         | 97.0% †       | 93.9% †       | 93.0% †       | 92.9% †     | 88.8% †        | 97.0%                     |
| Almost always/always authorized              | 45.9                      | 50.0                       | 52.8            | 50.2            | 53.8          | 50.0          | 41.3 ‡        | 43.9 ‡      | 47.7           | 43.8                      |
| Authorized under limited circumstances       | 45.9                      | 50.0                       | 47.2            | 48.8            | 43.2          | 43.9          | 51.7          | 49.1        | 41.0 †         | 53.2                      |
| <b>Chemical agent projectile<sup>d</sup></b> |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                   | 61.9%                     | 100%                       | 98.1% †         | 98.5% †         | 94.6% †       | 85.1% †       | 67.6% †       | 55.3% †     | 53.9% †        | 87.6%                     |
| Almost always/always authorized              | 18.0                      | 15.9!                      | 17.0!           | 19.4            | 22.4          | 23.3          | 12.9          | 15.8        | 20.4           | 15.8                      |
| Authorized under limited circumstances       | 43.9                      | 84.1                       | 81.1            | 79.1 †          | 72.1 †        | 61.7 †        | 54.7 †        | 39.5 †      | 33.5 †         | 71.8                      |
| <b>Blunt force projectile<sup>e</sup></b>    |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                   | 58.3%                     | 97.7%                      | 96.2%           | 98.5%           | 92.4% †       | 86.9% †       | 72.2% †       | 51.4% †     | 45.4% †        | 86.6%                     |
| Almost always/always authorized              | 13.5                      | 18.2!                      | 20.8            | 20.9            | 25.7          | 24.6          | 12.9          | 10.7        | 12.0           | 17.7                      |
| Authorized under limited circumstances       | 44.8                      | 79.5                       | 75.5            | 77.6            | 66.7 †        | 62.3 †        | 59.4 †        | 40.7 †      | 33.3 †         | 68.9                      |

Note: Less-lethal equipment denotes weapons that are not intended to cause death or serious injury. Details may not sum to totals due to rounding. See appendix table 1 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments authorized the selected equipment. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

<sup>b</sup>For example, pepper spray. OC denotes oleoresin capsicum.

<sup>c</sup>For example, Tasers or stun guns.

<sup>d</sup>For example, CS (o-chlorobenzylidene malononitrile) gas/tear gas or OC pellets.

<sup>e</sup>For example, bean bags or rubber bullets.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

- About 72% of officers worked in departments that authorized chemical agent projectiles under limited circumstances.

- In 2020, 38% of officers worked in departments that authorized vascular restraints or carotid holds in limited circumstances, and about 29% worked in departments that authorized respiratory neck restraints in limited circumstances (table 2).

**TABLE 2**  
**Percent of local police departments that authorized less-lethal techniques, by size of population served, type of technique, and authorization level, 2020**

| Technique and authorization level         | Size of population served |                            |                 |                 |               |               |               |             |                | All officers <sup>a</sup> |
|---|---------------------------|----------------------------|-----------------|-----------------|---------------|---------------|---------------|-------------|----------------|---------------------------|
|   | All sizes                 | 500,000 or more residents* | 250,000–499,999 | 100,000–249,999 | 50,000–99,999 | 25,000–49,999 | 10,000–24,999 | 2,500–9,999 | 2,499 or fewer |                           |
| <b>Open-hand techniques<sup>b</sup></b>   |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                | 97.8%                     | 100%                       | 100%            | 100%            | 99.8% †       | 99.3%         | 98.8% ‡       | 98.9% †     | 95.6% †        | 99.5%                     |
| Almost always/always authorized           | 72.8                      | 75.0                       | 67.9 †          | 76.6            | 84.0 †        | 74.4          | 70.6          | 70.5        | 74.3           | 68.7                      |
| Authorized under limited circumstances    | 24.9                      | 25.0                       | 32.1 †          | 23.4            | 15.8 †        | 24.8          | 28.2          | 28.4        | 21.2           | 30.8                      |
| <b>Takedown techniques</b>                |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                | 96.5%                     | 100%                       | 98.1% †         | 100%            | 99.8% †       | 99.3%         | 98.0% †       | 97.5% †     | 93.7% †        | 99.1%                     |
| Almost always/always authorized           | 65.4                      | 65.9                       | 60.4            | 68.6            | 79.3 †        | 67.1          | 60.8          | 65.0        | 65.7           | 62.0                      |
| Authorized under limited circumstances    | 31.1                      | 34.1                       | 37.7            | 31.4            | 20.4 †        | 32.1          | 37.2          | 32.5        | 28.0 †         | 37.2                      |
| <b>Closed-hand techniques<sup>c</sup></b> |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                | 95.0%                     | 100%                       | 100%            | 98.5% †         | 99.8% †       | 97.0% †       | 98.4%         | 96.5% †     | 91.0% †        | 98.6%                     |
| Almost always/always authorized           | 50.6                      | 56.8                       | 52.8            | 57.2            | 65.4 †        | 52.8          | 45.3 †        | 48.1 †      | 52.7           | 51.2                      |
| Authorized under limited circumstances    | 44.4                      | 43.2                       | 47.2            | 41.3            | 34.3 †        | 44.2          | 53.2 †        | 48.4        | 38.2           | 47.5                      |
| <b>Leg hobble<sup>d</sup></b>             |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                | 83.3%                     | 90.9%                      | 96.2% †         | 92.5%           | 88.7%         | 89.9%         | 87.1%         | 84.4% †     | 77.9% †        | 81.5%                     |
| Almost always/always authorized           | 26.9                      | 38.6                       | 30.2 †          | 31.3 †          | 29.8 †        | 28.8 †        | 22.6 †        | 23.5 †      | 30.7 †         | 30.4                      |
| Authorized under limited circumstances    | 56.5                      | 52.3                       | 66.0 †          | 61.2 †          | 58.8          | 61.1 ‡        | 64.4 †        | 60.9 †      | 47.2           | 51.1                      |
| <b>Vascular restraint or carotid hold</b> |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                | 40.4%                     | 31.8%                      | 41.5% †         | 34.8%           | 49.6% †       | 50.5% †       | 44.5% †       | 37.6% ‡     | 38.3% †        | 38.6%                     |
| Almost always/always authorized           | 2.6                       | 0.0                        | 1.9!            | 1.5!            | 2.5!          | 0.9!          | 0.4!          | 1.1!        | 5.4 †          | 0.9                       |
| Authorized under limited circumstances    | 37.8                      | 31.8                       | 39.6 †          | 33.3            | 47.2 †        | 49.6 †        | 44.1 †        | 36.5        | 33.0           | 37.7                      |
| <b>Respiratory neck restraint</b>         |                           |                            |                 |                 |               |               |               |             |                |                           |
| Authorized                                | 29.7%                     | 18.2%!                     | 32.1%           | 23.4%           | 34.3%         | 41.3%         | 32.4%         | 30.0%       | 25.7%          | 29.0%                     |
| Almost always/always authorized           | 1.1                       | 0.0                        | 0.0             | 0.0             | 0.2!          | 0.9!          | 1.2!          | 0.8!        | 1.5!           | 0.3                       |
| Authorized under limited circumstances    | 28.7                      | 18.2!                      | 32.1            | 23.4            | 34.0          | 40.4          | 31.2          | 29.2        | 24.2           | 28.7                      |

Note: Less-lethal techniques denotes tactics that are not intended to cause death or serious injury. Details may not sum to totals due to rounding. See appendix table 2 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments authorized the selected equipment. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

<sup>b</sup>For example, grabs, holds, and joint locks.

<sup>c</sup>For example, punches, elbow strikes, and kicks.

<sup>d</sup>Excludes handcuffs.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

- Most officers worked in departments that authorized open-hand techniques (99% of officers), takedown techniques (99%), closed-hand techniques (99%), and leg hobbles (82%).
- Almost all local police departments authorized semiautomatic rifles (94%) and shotguns or manual rifles (86%) for on-duty officers in 2020, while about a fifth authorized fully automatic rifles (18%) on duty (table 3).
- Less than half of local police departments authorized semiautomatic rifles (42%) and shotguns or manual rifles (40%) for off-duty officers, while about 5% authorized fully automatic rifles off duty.
- Almost all local police departments authorized handguns for officers on duty (99%), including all departments serving 100,000 or more residents. Nine in 10 departments of all sizes authorized handguns for off-duty officers (92%).

**TABLE 3**  
**Percent of local police departments that authorized selected firearms, by duty status of officers and size of population served, 2020**

| Size of population served    | On-duty status |                         |                     |                       | Off-duty status |                         |                     |                       |
|------------------------------|----------------|-------------------------|---------------------|-----------------------|-----------------|-------------------------|---------------------|-----------------------|
|                              | Handgun        | Shotgun or manual rifle | Semiautomatic rifle | Fully automatic rifle | Handgun         | Shotgun or manual rifle | Semiautomatic rifle | Fully automatic rifle |
| All sizes                    | 98.8%          | 85.6%                   | 94.5%               | 18.3%                 | 92.2%           | 39.7%                   | 42.0%               | 5.4%                  |
| 1 million or more residents* | 100            | 100                     | 100                 | 30.8!                 | 100             | 46.2!                   | 46.2!               | 7.7!                  |
| 500,000–999,999              | 100            | 93.5 †                  | 96.8 †              | 29.0!                 | 100             | 38.7                    | 41.9                | 6.5!                  |
| 250,000–499,999              | 100            | 86.8 †                  | 94.3 †              | 24.5                  | 92.5 †          | 24.5                    | 18.9                | 5.7!                  |
| 100,000–249,999              | 100            | 86.1 †                  | 99.5 †              | 32.3                  | 99.0 †          | 47.8                    | 49.7                | 7.5                   |
| 50,000–99,999                | 99.8 †         | 86.9 †                  | 98.8 †              | 29.9                  | 97.0 †          | 50.6                    | 51.9                | 7.2                   |
| 25,000–49,999                | 100            | 88.5 †                  | 96.8 †              | 22.5                  | 93.9 †          | 38.3                    | 39.4                | 5.9                   |
| 10,000–24,999                | 98.8 ‡         | 84.4 †                  | 96.5 †              | 18.0 †                | 96.1 †          | 38.7                    | 39.4                | 5.9                   |
| 2,500–9,999                  | 99.4 ‡         | 83.8 †                  | 96.7 †              | 13.6 †                | 94.3 †          | 36.4                    | 41.4                | 3.5                   |
| 2,499 or fewer               | 97.8 †         | 86.8 †                  | 90.3 †              | 19.6 †                | 87.2 †          | 42.1                    | 43.0                | 6.5                   |
| All officers <sup>a</sup>    | 99.7%          | 90.2%                   | 97.4%               | 33.4%                 | 96.8%           | 37.1%                   | 39.1%               | 5.6%                  |

Note: See appendix table 3 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments authorized the selected equipment. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.



- In 2020, almost 4 in 5 (79%) local police officers worked in departments that used body-worn cameras (table 4). All departments serving 1 million or more residents reported using body-worn cameras in 2020.
- About 62% of local police departments deployed video cameras in patrol cars, while 43% used fixed site surveillance in public areas and 12% used video cameras on aerial drones.
- About two-thirds of officers worked for a department that used fixed site surveillance in public areas (65%) or video cameras in patrol cars (66%), while 41%

of officers worked in departments that used aerial drones and 38% worked in departments that used mobile surveillance.

- In 2020, 62% of local police departments used body-worn cameras, a 43% increase from 2016 (figure 2). Across departments of all sizes, the percentage that used cameras in 2020 increased by at least 29% from 2016.
- Of local police departments serving 250,000 to 499,999 residents, the percentage that used body-worn cameras more than doubled, from 44% in 2016 to 94% in 2020.

**TABLE 4**  
**Percent of local police departments that used selected types of video cameras, by size of population served, 2020**

| Size of population served    | Fixed site surveillance in public | In patrol cars | Mobile surveillance | On aerial drones | On officers (body-worn cameras) | On weapons |
|------------------------------|-----------------------------------|----------------|---------------------|------------------|---------------------------------|------------|
| All sizes                    | 42.5%                             | 61.7%          | 14.1%               | 11.6%            | 61.8%                           | 2.9%       |
| 1 million or more residents* | 76.9!                             | 61.5!          | 69.2!               | 61.5!            | 100                             | 0.0        |
| 500,000–999,999              | 71.0                              | 58.1           | 67.7                | 38.7             | 90.3 †                          | 3.2!       |
| 250,000–499,999              | 71.7                              | 54.7           | 50.9                | 52.8             | 94.3 †                          | 0.0        |
| 100,000–249,999              | 67.2                              | 62.2           | 47.8                | 59.2             | 77.1 †                          | 1.5!       |
| 50,000–99,999                | 43.9                              | 63.7           | 31.5                | 37.5             | 71.1 †                          | 3.9 †      |
| 25,000–49,999                | 47.7                              | 68.6           | 26.8                | 30.4             | 63.7 †                          | 2.4!       |
| 10,000–24,999                | 43.3                              | 68.0           | 14.8                | 17.6             | 58.5 †                          | 2.3!       |
| 2,500–9,999                  | 46.3                              | 60.5           | 7.9                 | 8.1              | 56.3 †                          | 3.1 †      |
| 2,499 or fewer               | 35.3                              | 58.5           | 11.9                | 1.9              | 65.3 †                          | 3.0 †      |
| All officers <sup>a</sup>    | 64.5%                             | 66.5%          | 38.0%               | 41.1%            | 79.1%                           | 2.5%       |

Note: See appendix table 4 for standard errors.

\*Comparison group.

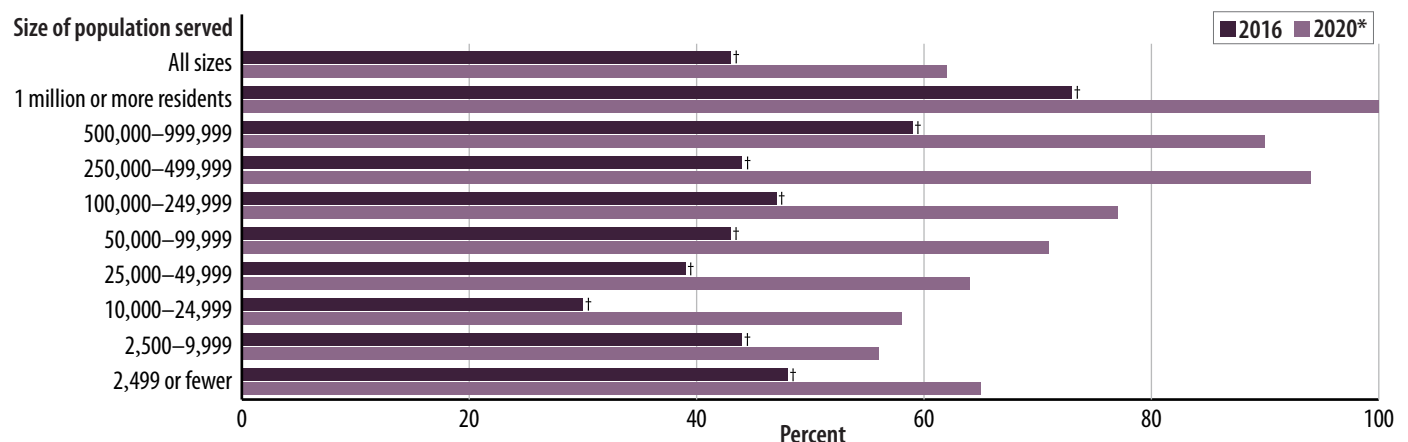
†Difference with comparison group is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments authorized the selected equipment. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**FIGURE 2**  
**Percent of local police departments that used body-worn cameras, by size of population served, 2016 and 2020**



Note: See appendix table 5 for estimates and standard errors.

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

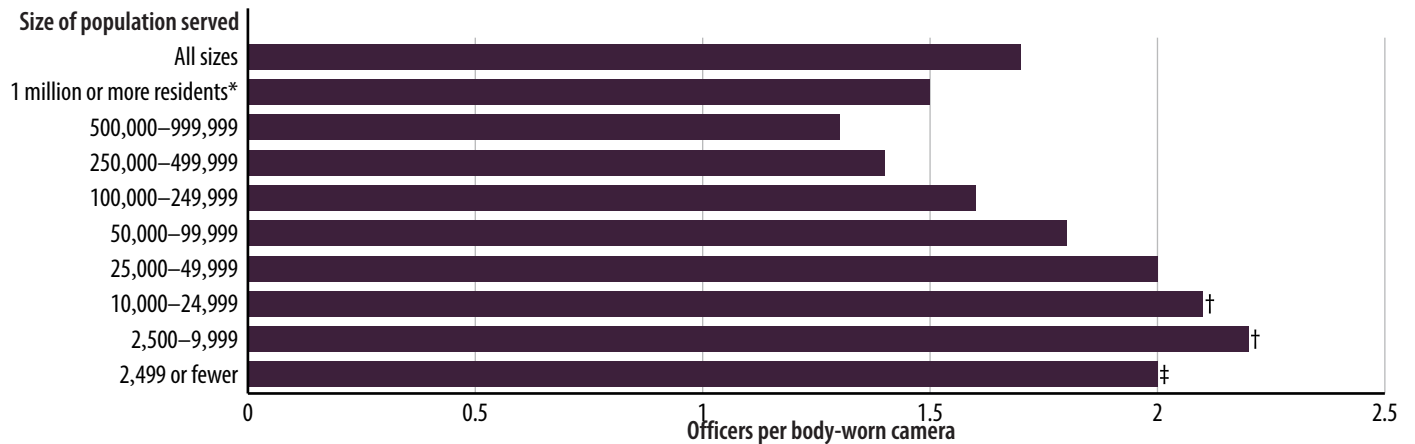
Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

■ Local police departments had one body-worn camera for every 1.7 officers in 2020 (figure 3).

■ In 2020, departments serving 2,500 to 9,999 residents had a larger officer-to-camera ratio (2.2 officers per body-worn camera) than the largest departments serving 1 million or more residents (1.5 officers per body-worn camera).

**FIGURE 3**

**Ratio of officers to body-worn cameras in local police departments, by size of population served, 2020**



Note: Ratio is based on the number of full-time-equivalent sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) in the given stratum and the total number of body-worn cameras reported by departments in that stratum. See appendix table 6 for estimates and standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

- A third (33%) of local police departments had K-9 units in 2020, and these departments employed more than 9,400 handlers and almost 9,300 dogs (**table 5**).
- More than 79% of officers worked in departments that had K-9 units.
- Local police departments were most likely to use their K-9 units for drug detection (91%), followed by person trailing (77%) and general enforcement (72%).
- All local police departments serving 1 million or more residents had a K-9 unit, and all departments of this size used the unit for bomb or explosive detection and drug detection.

**TABLE 5**  
**Percent of local police departments that used K-9 units and number of handlers and K-9s, by selected functions and size of population served, 2020**

| Size of population served    | Percent of departments with K-9 units | Total number of K-9 handlers | Total number of K-9s | Percent of departments using K-9 units for selected functions <sup>a</sup> |                   |                |                 |                     |
|------------------------------|---------------------------------------|------------------------------|----------------------|--|-------------------|----------------|-----------------|---------------------|
|                              |                                       |                              |                      | Bomb/explosive detection   | Cadaver detection | Drug detection | Person trailing | General enforcement |
| All sizes                    | 33.0%                                 | 9,439                        | 9,273                | 13.7%  | 1.9%              | 91.1%          | 76.7%           | 72.5%               |
| 1 million or more residents* | 100                                   | 508                          | 487                  | 100  | 61.5!             | 100            | 92.3            | 84.6                |
| 500,000–999,999              | 96.8 †                                | 612                          | 624 †                | 93.5 †   | 9.7!              | 93.5 †         | 90.3            | 67.7 †              |
| 250,000–499,999              | 98.1 †                                | 604                          | 627 †                | 82.7 †   | 3.8!              | 96.2 †         | 90.4            | 84.6                |
| 100,000–249,999              | 97.0 †                                | 1,175 †                      | 1,167 †              | 42.9 †   | 3.1!              | 93.4 †         | 88.3            | 87.2                |
| 50,000–99,999                | 85.8 †                                | 1,314 †                      | 1,327 †              | 32.1 †   | 3.2!              | 94.8 †         | 84.5 ‡          | 85.1                |
| 25,000–49,999                | 67.9 †                                | 1,419 †                      | 1,420 †              | 12.6 †   | 1.4!              | 98.6           | 87.1            | 87.0                |
| 10,000–24,999                | 53.9 †                                | 1,746 †                      | 1,739 †              | 10.5 †   | 0.7!              | 95.0 †         | 80.9 †          | 80.8                |
| 2,500–9,999                  | 27.3 †                                | 1,454 †                      | 1,354 †              | 3.7!   | 2.5!              | 89.5 †         | 73.5 †          | 64.9 †              |
| 2,499 or fewer               | 10.8 †                                | 606                          | 528                  | 2.7!   | 0.0               | 75.0 †         | 52.5 †          | 42.1 †              |
| All officers <sup>b</sup>    | 79.3%                                 | ~                            | ~                    | 62.3%  | 24.9%             | 96.1%          | 89.3%           | 84.7%               |

Note: See appendix table 7 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

~Not applicable.

<sup>a</sup>Reflects the percentage of use for selected functions among offices reporting an active K-9 program.

<sup>b</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments authorized the selected equipment. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

## Policies

- Most (93%) local police departments required annual in-service training in 2020, including 87% of departments that had state-mandated training hours and 44% that had additional training hours (table 6).<sup>2</sup>
- Departments required an average of 46 annual in-service training hours, with 30 of these hours being state mandated.
- Among departments that required in-service training, those serving 2,500 to 499,999 residents required more total training hours on average (42 to 63 hours) than departments serving 1 million or more residents (34 hours).
- Almost two-thirds (62%) of officers were employed by a department that required additional in-service training hours.

<sup>2</sup>Additional training hours can include training required by local law, by court order, or by the department itself without a legal mandate.

- More than 90% of local police departments had written policies or procedural directives for use of deadly force (98%), use of less-lethal force (97%), code of conduct or appearance (97%), firearm discharge (96%), or off-duty conduct (94%) in 2020 (table 7).
- Most departments had written policies or procedures for use-of-force reporting (97%), vehicle pursuits (96%), domestic disputes (93%), juvenile populations (93%), civilian complaints (93%), motor vehicle stops (92%), prisoner transport (89%), racial profiling or unbiased policing (87%), persons with mental illness (86%), or active shooters (85%).
- Less than half of departments had written policies or procedures for detaining federal immigration violators (33%), checking on immigration status by officers (34%), and persons experiencing homelessness (48%).
- More than 7 in 10 departments serving 100,000 or more residents had written policies or procedures addressing persons experiencing homelessness, while fewer than 5 in 10 departments serving fewer than 10,000 residents had such a policy or directive.

**TABLE 6**

**Percent of local police departments that required annual in-service training of nonprobationary patrol and field officers, by size of population served, 2020**

| Size of population served    | Total training hours                |                                      | State-mandated hours                |                                      | Additional training hours <sup>a</sup> |                                      |
|------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|--|--------------------------------------|
|                              | Percent of departments <sup>b</sup> | Average number of hours <sup>c</sup> | Percent of departments <sup>b</sup> | Average number of hours <sup>c</sup> | Percent of departments <sup>b</sup>    | Average number of hours <sup>c</sup> |
| All sizes                    | 93.3%                               | 46                                   | 87.3%                               | 30                                   | 43.6%                                  | 16                                   |
| 1 million or more residents* | 100.0                               | 34                                   | 92.3                                | 19                                   | 76.9!                                  | 16                                   |
| 500,000–999,999              | 96.8 †                              | 30 ‡                                 | 93.5                                | 20                                   | 48.4                                   | 9 †                                  |
| 250,000–499,999              | 98.1 †                              | 42 †                                 | 96.2                                | 21 †                                 | 77.4                                   | 21                                   |
| 100,000–249,999              | 97.0 †                              | 45 †                                 | 94.0                                | 26 †                                 | 59.7                                   | 19                                   |
| 50,000–99,999                | 98.0 †                              | 48 †                                 | 87.6                                | 24 †                                 | 63.5                                   | 24 †                                 |
| 25,000–49,999                | 96.2 †                              | 63 †                                 | 87.1                                | 39 †                                 | 60.9                                   | 24 †                                 |
| 10,000–24,999                | 93.7 †                              | 46 †                                 | 88.6                                | 27 †                                 | 51.6                                   | 19                                   |
| 2,500–9,999                  | 93.9 †                              | 49 †                                 | 87.9                                | 31 †                                 | 43.8                                   | 18                                   |
| 2,499 or fewer               | 91.0 †                              | 39                                   | 85.5 †                              | 30 †                                 | 32.4                                   | 9 †                                  |
| All officers <sup>d</sup>    | 97.0%                               | 47                                   | 84.1%                               | 24                                   | 61.6%                                  | 23                                   |

Note: See appendix table 8 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>For example, training required by local law, by court order, or by the department itself without a legal mandate.

<sup>b</sup>Reflects the percentage of departments that required at least 1 minimum training hour.

<sup>c</sup>Average number of hours includes departments that reported zero annual hours of total, state, or additional in-service training.

<sup>d</sup>Reflects the percentage of full-time-equivalent sworn (FTE) officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose offices required the annual in-service training, or reflects the average number of hours of training required by the average officer. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**TABLE 7****Percent of local police departments with written policies or procedural directives, by selected topic and size of population served, 2020**

| Topic of written policy or procedural directive         | Size of population served |                              |                 |                 |                 |               |               |               |             |                |                           |
|---|---------------------------|------------------------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|-------------|----------------|---------------------------|
|   | All sizes                 | 1 million or more residents* | 500,000–999,999 | 250,000–499,999 | 100,000–249,999 | 50,000–99,999 | 25,000–49,999 | 10,000–24,999 | 2,500–9,999 | 2,499 or fewer | All officers <sup>a</sup> |
| <b>Officer conduct</b>                                  |                           |                              |                 |                 |                 |               |               |               |             |                |                           |
| Code of conduct and appearance                          | 97.4%                     | 100%                         | 100%            | 100%            | 99.5% †         | 100%          | 100%          | 100%          | 98.2% †     | 94.5% †        | 99.6%                     |
| Firearm discharge                                       | 96.5                      | 100                          | 100             | 100             | 99.0 †          | 100           | 100           | 100           | 97.8 †      | 92.4 †         | 99.5                      |
| Maximum work hours per day                              | 51.2                      | 30.8 !                       | 58.1            | 56.6            | 73.6            | 71.6          | 79.1          | 67.5          | 53.1        | 32.6           | 54.3                      |
| Off-duty conduct  | 93.6                      | 100                          | 100             | 100             | 99.5 †          | 100           | 100           | 96.5 †        | 95.8 †      | 87.7 †         | 98.9                      |
| Use of deadly force                                     | 97.7                      | 100                          | 100             | 100             | 100             | 100           | 100           | 100           | 98.7 †      | 94.9 †         | 99.8                      |
| Use of less-lethal force                                | 97.1                      | 100                          | 100             | 100             | 100             | 100           | 100           | 100           | 98.0 †      | 93.9 †         | 99.7                      |
| <b>Dealing with special populations/situations</b>      |                           |                              |                 |                 |                 |               |               |               |             |                |                           |
| Domestic disputes                                       | 92.9%                     | 100%                         | 96.8% †         | 98.1% †         | 98.0% †         | 98.0%         | 98.3% ‡       | 97.2% †       | 95.3% †     | 86.7% †        | 97.8%                     |
| Homeless persons  | 48.1                      | 100                          | 71.0 †          | 73.6 †          | 72.1 †          | 66.0 †        | 57.6 †        | 55.0 †        | 47.0 †      | 40.1 †         | 69.7                      |
| Juveniles   | 92.7                      | 100                          | 100             | 100             | 98.0 †          | 98.0          | 99.9 †        | 96.8 †        | 95.0 †      | 86.1 †         | 98.4                      |
| Persons with mental illness                             | 85.5                      | 100                          | 100             | 100             | 97.5 †          | 95.8 †        | 95.9 †        | 89.0 †        | 86.6 †      | 78.6 †         | 95.6                      |
| Persons with intellectual or developmental disabilities | 77.7                      | 100                          | 90.3 †          | 92.5 †          | 91.0 †          | 89.9 †        | 91.8 †        | 83.1 †        | 77.2 †      | 70.4 †         | 89.0                      |
| <b>Procedural</b>                                       |                           |                              |                 |                 |                 |               |               |               |             |                |                           |
| Active shooter  | 84.7%                     | 100%                         | 83.9% †         | 94.3% †         | 96.0% †         | 96.1% †       | 96.3% †       | 92.1% †       | 86.8% †     | 74.9% †        | 92.7%                     |
| Body-worn cameras                                       | 66.6                      | 100                          | 93.5 †          | 96.2 †          | 83.6 †          | 74.9 †        | 70.0 †        | 65.6 †        | 61.7 †      | 68.2 †         | 82.5                      |
| Checking on immigration status by officers              | 34.1                      | 92.3                         | 71.0 †          | 67.9 †          | 65.2 †          | 57.5 †        | 46.2 †        | 44.5 †        | 32.9 †      | 22.8 †         | 61.6                      |
| Civilian complaints                                     | 92.7                      | 100                          | 100             | 98.1 †          | 99.0 †          | 99.5 †        | 99.9 †        | 98.1 †        | 95.6 †      | 84.8 †         | 98.4                      |
| Coronavirus   | 74.1                      | 92.3                         | 93.5            | 88.7            | 91.0            | 90.4          | 91.0          | 87.4          | 76.5 †      | 59.2 †         | 89.8                      |
| Detaining federal immigration violators                 | 32.6                      | 76.9 !                       | 67.7            | 66.0            | 64.2            | 60.3          | 48.1          | 47.2          | 30.7        | 19.0           | 60.1                      |
| In-custody deaths                                       | 74.1                      | 100                          | 96.8 †          | 96.2 †          | 92.0 †          | 93.3 †        | 96.1 †        | 85.8 †        | 77.2 †      | 57.4 †         | 92.0                      |
| Mass demonstrations                                     | 50.2                      | 100                          | 100             | 96.2 †          | 94.5 †          | 90.4 †        | 83.7 †        | 72.2 †        | 48.0 †      | 27.1 †         | 85.0                      |
| Motor vehicle stops                                     | 91.7                      | 100                          | 96.8 †          | 98.1 †          | 99.5 †          | 97.3 †        | 97.6 †        | 96.5 †        | 92.3 †      | 86.5 †         | 97.6                      |
| Prisoner transport                                      | 89.2                      | 100                          | 100             | 98.1 †          | 99.0 †          | 99.0 †        | 98.5          | 96.1 †        | 91.7 †      | 80.0 †         | 97.8                      |
| Racial profiling or unbiased policing                   | 86.7                      | 100                          | 100             | 98.1 †          | 98.0 †          | 99.3 †        | 96.4 †        | 96.4 †        | 87.8 †      | 77.0 †         | 96.7                      |
| Reporting use of force                                  | 96.8                      | 100                          | 100             | 100             | 100             | 100           | 100           | 100           | 98.0 †      | 92.9 †         | 99.6                      |
| Social media use  | 82.1                      | 100                          | 100             | 98.1 †          | 98.0 †          | 96.8 †        | 99.8 †        | 93.3 ‡        | 85.7 †      | 67.1 †         | 96.1                      |
| Stop and frisk  | 79.6                      | 92.3                         | 100 †           | 88.7            | 86.6 †          | 89.6          | 94.4          | 85.9 ‡        | 80.9 †      | 70.6 †         | 91.4                      |
| Strip searches  | 77.9                      | 92.3                         | 100 †           | 98.1 †          | 96.0            | 96.3          | 96.5          | 90.9          | 80.5 †      | 62.3 †         | 93.8                      |
| Vehicle pursuits  | 95.8                      | 100                          | 100             | 100             | 99.5 †          | 100           | 100           | 100           | 98.0 †      | 90.3 †         | 99.5                      |

Note: Less-lethal force denotes use of weapons or tactics that are not intended to cause death or serious injury. See appendix table 9 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose offices had the selected policy or procedural directive. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

## Immigration check policies and practices in local police departments

- In 2020, 53% of local police departments had officers check immigration status during specified interactions with law enforcement, such as traffic stops or arrests (**table 8**). In 54% of departments that checked immigration status in at least one of the circumstances specified, officers verified immigration status with the Department of Homeland Security.
- Almost half (47%) of departments had officers check immigration status when a person they detained was suspected of a federal immigration violation, with 27% of officers working in departments with this policy.
- Nine percent of departments instructed officers to regularly check immigration status during a traffic stop, and 6% required it during a street or pedestrian stop.
- In 2020, 46% of local police departments did not regularly check immigration status in any of the described circumstances.
- The most common reason for not checking was that officers were unable to verify immigration status while in the field (18%) (**figure 4**).
- About 13% of departments that did not regularly check immigration status indicated they were concerned about victims not reporting to police, and 13% indicated they were concerned officers would be perceived as using racial profiling.

**TABLE 8**

### Percent of local police departments that regularly checked immigration status in selected circumstances, 2020

| Circumstance when officers checked immigration status   | Percent of departments | Percent of officers <sup>a</sup> |
|---|------------------------|----------------------------------|
| In any of the following circumstances <sup>b</sup>  | 53.1%                  | 31.0%                            |
| During a street/pedestrian stop   | 5.6                    | 1.9                              |
| During a traffic stop   | 9.1                    | 3.0                              |
| After arrest for a misdemeanor offense  | 20.2                   | 11.1                             |
| After arrest for a felony offense   | 30.7                   | 16.6                             |
| When suspected of a federal immigration violation   | 47.2                   | 26.9                             |
| Officers verified immigration status with the U.S. Department of Homeland Security <sup>c</sup> | 54.4%                  | 18.7%                            |

Note: See appendix table 10 for standard errors.

<sup>a</sup>Reflects the percentage of full-time-equivalent sworn (FTE) officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments had them check immigration status under selected circumstances. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

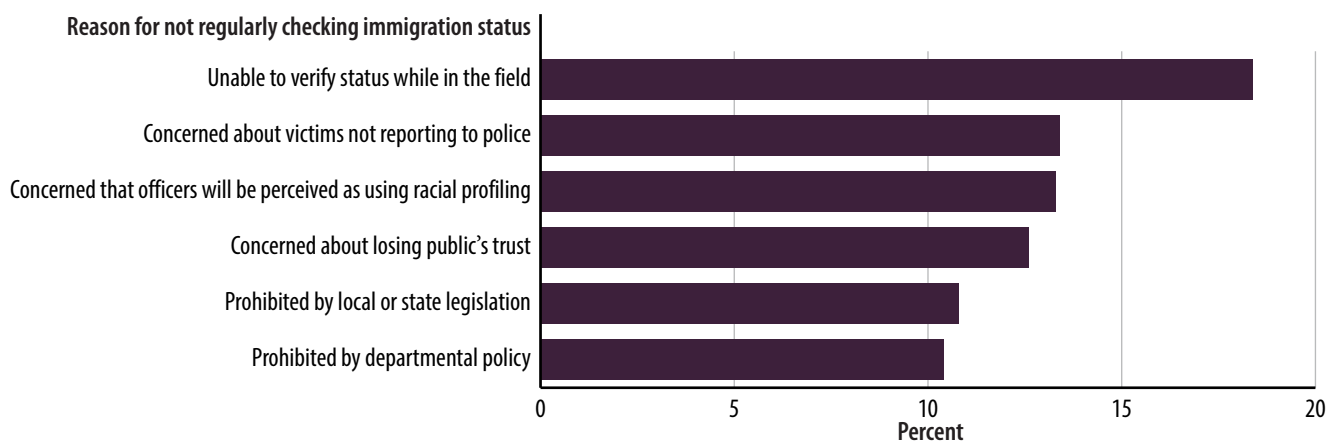
<sup>b</sup>Respondents could indicate more than one circumstance in which officers checked immigration status.

<sup>c</sup>Reflects only local police departments that stated they regularly checked immigration status for at least one of the selected circumstances.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**FIGURE 4**

### Selected reasons local police departments did not regularly check immigration status, 2020



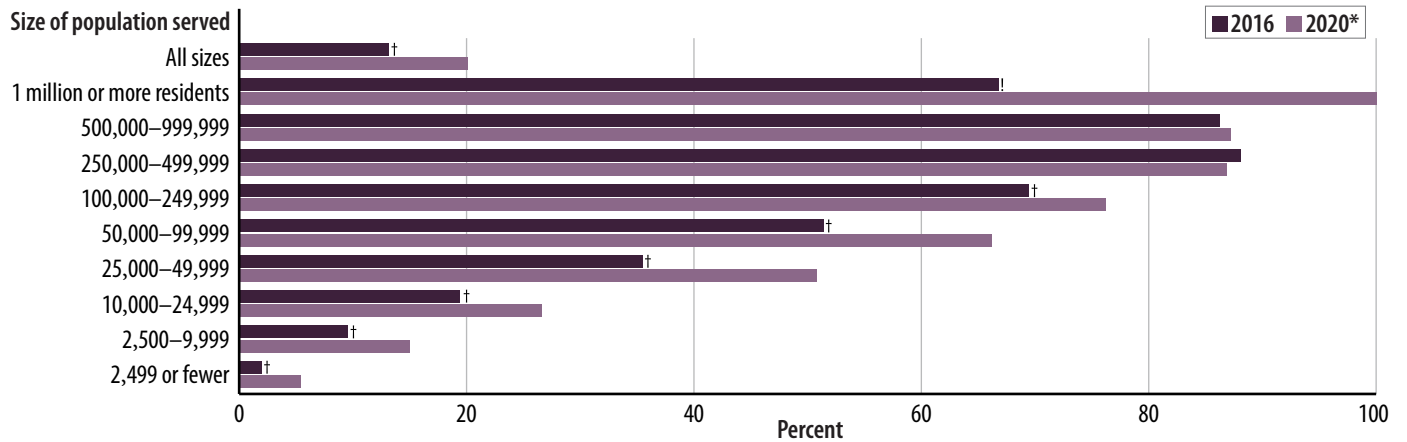
Note: Estimates are based on the 46% of local police departments that reported they did not regularly check immigration status under any of the selected circumstances. Respondents could indicate more than one reason they did not regularly check immigration status. See appendix table 11 for estimates and standard errors.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

- About 20% of local police departments had a computerized early warning or intervention system for monitoring problematic officer behavior in 2020, compared to about 13% in 2016 (figure 5).
- All departments serving 1 million or more residents had a computerized early warning or intervention system in 2020.

- In 2020, about 16% of local police departments had a civilian complaint review board, compared to 11% in 2016 (figure 6).
- The percentage of local police departments serving fewer than 2,500 residents that had a civilian complaint review board increased from 15% in 2016 to 24% in 2020.

**FIGURE 5**  
**Percent of local police departments with a computerized early warning system or early intervention system for monitoring problematic officer behavior, by size of population served, 2016 and 2020**



Note: See appendix table 12 for estimates and standard errors.

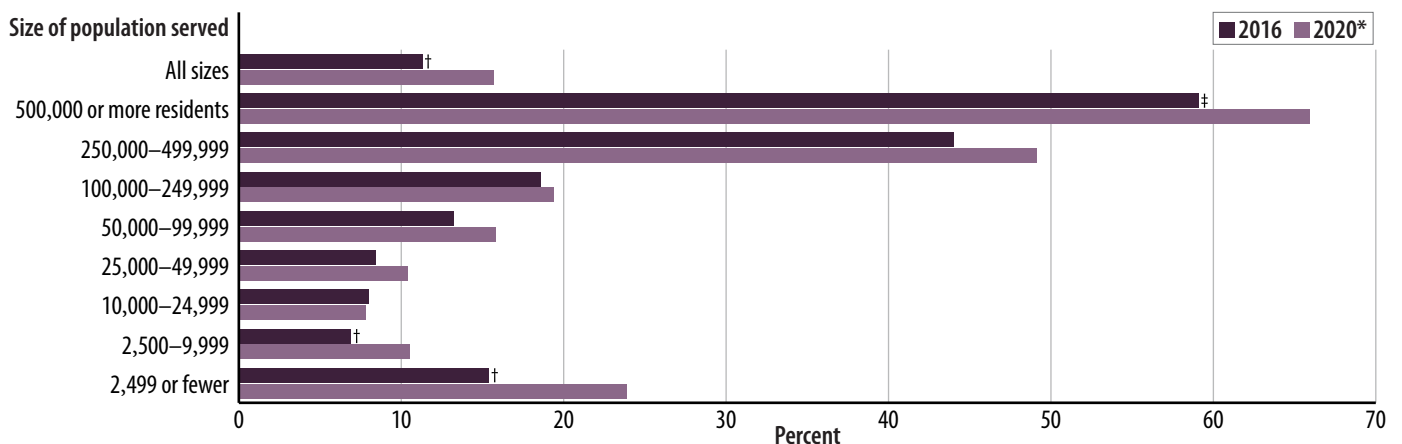
\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**FIGURE 6**  
**Percent of local police departments with a civilian complaint review board or agency, by size of population served, 2016 and 2020**



Note: See appendix table 13 for estimates and standard errors.

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

‡Difference with comparison year is significant at the 90% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

- In 2020, 27% of local police departments required another law enforcement agency to conduct a criminal investigation for use of force resulting in a subject's death, 24% for in-custody deaths not due to use of force, 23% for discharge of a firearm at or in the direction of a person, and 22% for use of force resulting in serious bodily injury (table 9).
- About a third of officers worked in departments that required an external criminal investigation for use of force that resulted in a subject's death (33%), while about a quarter of officers worked in departments that required an external criminal investigation for discharge of a firearm at or in the direction of a person (25%), in-custody deaths not due to use of force (23%), and use of force resulting in serious bodily injury (23%).

**TABLE 9**

**Percent of local police departments that required external investigations for selected situations, by size of population served, 2020**

| Size of population served  | Discharge of firearm at or in direction of a person | Use of force resulting in serious bodily injury | Use of force resulting in death | In-custody death not due to use of force |
|----------------------------|---|---|---------------------------------|--|
| All sizes                  | 22.8%   | 21.8%   | 27.1%                           | 24.2%                                    |
| 500,000 or more residents* | 25.0  | 15.9!   | 38.6                            | 25.0                                     |
| 250,000–499,999            | 43.4 †  | 39.6  | 50.9 †                          | 20.8                                     |
| 100,000–249,999            | 38.8 †  | 31.8  | 48.8 †                          | 29.9                                     |
| 50,000–99,999              | 30.3  | 29.8  | 35.5                            | 23.9                                     |
| 25,000–49,999              | 31.3  | 25.1  | 35.4                            | 30.2                                     |
| 10,000–24,999              | 23.9  | 25.1  | 33.3                            | 30.2                                     |
| 2,500–9,999                | 22.9  | 22.2  | 27.1 †                          | 24.9                                     |
| 2,499 or fewer             | 18.3 †  | 17.7  | 20.1 †                          | 19.4 †                                   |
| All officers <sup>a</sup>  | 25.4%   | 22.5%   | 32.8%                           | 22.8%                                    |

Note: See appendix table 14 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments required an external investigation for the selected situation. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

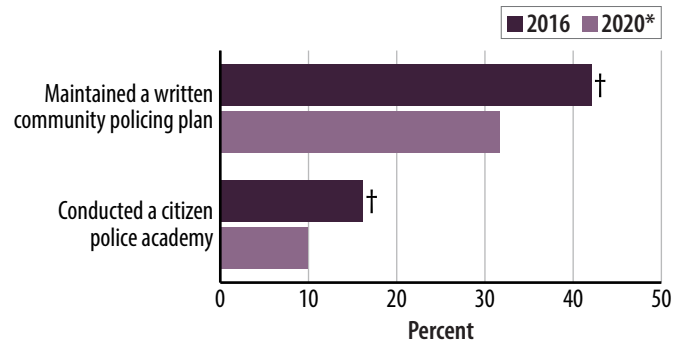
Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.



## Community policing

- In 2020, almost a third (32%) of local police departments maintained a written community policing plan (table 10). Departments serving 1 million or more residents were more likely to have a written community policing plan (92%) than departments serving smaller populations.
- All departments serving 1 million or more residents reported working with a community advisory committee.
- About a tenth (10%) of departments conducted a citizen police academy, and more than a third (37%) of officers worked in such departments.
- A smaller percentage of local police departments maintained a written community policing plan in 2020 (32%) than in 2016 (42%), and fewer conducted a citizen police academy in 2020 (10%) than in 2016 (16%) (figure 7).

**FIGURE 7**  
Percent of local police departments that maintained a written community policing plan or conducted a citizen police academy, 2016 and 2020



Note: See appendix table 16 for estimates and standard errors.

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**TABLE 10**  
Percent of local police departments that engaged in selected community policing activities, by size of population served, 2020

| Size of population served    | Maintained a written community policing plan | Worked with a community advisory committee | Conducted citizen range days | Conducted a citizen police academy |
|------------------------------|--|--|------------------------------|------------------------------------|
| All sizes                    | 31.7%  | 23.8%                                      | 3.4%                         | 9.9%                               |
| 1 million or more residents* | 92.3   | 100  | 15.4!                        | 46.2!                              |
| 500,000–999,999              | 74.2 †                                       | 90.3 †                                     | 12.9!                        | 48.4                               |
| 250,000–499,999              | 62.3 †                                       | 79.2 †                                     | 7.5!                         | 47.2                               |
| 100,000–249,999              | 61.7 †                                       | 64.2 †                                     | 9.5                          | 43.3                               |
| 50,000–99,999                | 57.8 †                                       | 54.8 †                                     | 12.4                         | 31.9                               |
| 25,000–49,999                | 48.1 †                                       | 35.7 †                                     | 7.0                          | 32.7                               |
| 10,000–24,999                | 37.6 †                                       | 34.1 †                                     | 4.4                          | 16.8                               |
| 2,500–9,999                  | 27.9 †                                       | 20.6 †                                     | 2.9                          | 4.2                                |
| 2,499 or fewer               | 23.7 †                                       | 12.6 †                                     | 1.1!                         | 2.0                                |
| All officers <sup>a</sup>    | 62.0%  | 62.8%                                      | 7.7%                         | 37.1%                              |

Note: See appendix table 15 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments engaged in the selected community policing activity. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

- In 2020, local police departments solicited community feedback for assessing community trust (41%), informing agency policy and procedures (40%), prioritizing crime problems (39%), and evaluating officer or agency performance (37%) (table 11).
- All departments serving 1 million or more residents reported soliciting feedback from the community for assessing community trust and prioritizing problems of crime or disorder.
- About 73% of officers worked in departments that solicited community feedback to inform agency policies and procedures, and 71% worked in departments that solicited community feedback to evaluate officer or agency performance.
- Seventy percent of local police departments had informal problem-solving partnerships or formal written agreements with state or local law enforcement agencies in 2020 (table 12). More than half (57%) had such arrangements with victim service providers.
- Almost a third (30%) of departments had informal problem-solving partnerships or formal written agreements with neighborhood associations, while about a quarter had such arrangements with business groups (27%) or academic or university staff (23%).
- Departments serving 1 million or more residents were more likely to have informal problem-solving partnerships or formal written agreements with victim service providers (92%), neighborhood associations (85%), and business groups (85%) than departments serving fewer than 50,000 residents.

**TABLE 11**  
**Percent of local police departments that solicited feedback from the community for selected topics, by size of population served, 2020**

| Size of population served    | Allocating resources to neighborhoods | Assessing community trust | Evaluating officer or agency performance | Informing agency policies and procedures | Prioritizing crime or disorder problems | Training development |
|------------------------------|---------------------------------------|---------------------------|--|--|---|----------------------|
| All sizes                    | 31.3%                                 | 41.2%                     | 37.1%                                    | 39.5%                                    | 38.9%                                   | 30.2%                |
| 1 million or more residents* | 92.3                                  | 100                       | 92.3                                     | 92.3                                     | 100                                     | 92.3                 |
| 500,000–999,999              | 93.5                                  | 83.9 †                    | 93.5                                     | 93.5                                     | 90.3 †                                  | 83.9 †               |
| 250,000–499,999              | 75.5 †                                | 88.7 †                    | 83.0 †                                   | 84.9 †                                   | 79.2 †                                  | 69.8 †               |
| 100,000–249,999              | 76.6 †                                | 85.1 †                    | 79.6 †                                   | 77.6 †                                   | 79.1 †                                  | 63.7 †               |
| 50,000–99,999                | 62.4 †                                | 75.6 †                    | 67.5 †                                   | 72.6 †                                   | 74.4 †                                  | 53.6 †               |
| 25,000–49,999                | 47.7 †                                | 68.8 †                    | 60.5 †                                   | 62.2 †                                   | 59.8 †                                  | 44.2 †               |
| 10,000–24,999                | 42.2 †                                | 54.3 †                    | 45.3 †                                   | 49.6 †                                   | 51.2 †                                  | 34.8 †               |
| 2,500–9,999                  | 28.5 †                                | 36.8 †                    | 32.8 †                                   | 34.2 †                                   | 35.7 †                                  | 26.8 †               |
| 2,499 or fewer               | 18.3 †                                | 26.2 †                    | 25.3 †                                   | 28.2 †                                   | 24.7 †                                  | 22.6 †               |
| All officers <sup>a</sup>    | 68.2%                                 | 75.6%                     | 71.5%                                    | 72.7%                                    | 73.4%                                   | 62.7%                |

Note: See appendix table 17 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments solicited feedback from the community for the selected topic. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**TABLE 12****Percent of local police departments with informal problem-solving partnerships or formal written agreements with selected groups, by size of population served, 2020**

| Size of population served    | Academic/<br>university staff | Advocacy<br>groups | Business<br>groups | Federal law<br>enforcement agencies | Law enforcement<br>organizations | Neighborhood<br>associations | Non-law-enforcement<br>government agencies | State or local law<br>enforcement agencies | Victim service<br>providers |
|------------------------------|-------------------------------|--------------------|--------------------|-------------------------------------|----------------------------------|------------------------------|--|--|-----------------------------|
| All sizes                    | 23.4%                         | 43.5%              | 26.6%              | 42.9%                               | 44.7%                            | 29.5%                        | 42.4%                                      | 69.5%                                      | 57.4%                       |
| 1 million or more residents* | 76.9 †                        | 76.9 †             | 84.6               | 84.6                                | 84.6                             | 84.6                         | 84.6                                       | 84.6                                       | 92.3                        |
| 500,000–999,999              | 87.1                          | 90.3               | 90.3               | 90.3                                | 83.9                             | 96.8 †                       | 93.5 †                                     | 96.8 †                                     | 100 †                       |
| 250,000–499,999              | 77.4                          | 86.8               | 81.1               | 92.5 †                              | 83.0                             | 90.6                         | 88.7                                       | 94.3 †                                     | 92.5                        |
| 100,000–249,999              | 62.2                          | 80.6               | 76.1 †             | 88.5                                | 74.1 †                           | 86.1                         | 86.6                                       | 91.5                                       | 90.0                        |
| 50,000–99,999                | 51.0                          | 76.8               | 67.4 †             | 89.1                                | 73.8 †                           | 81.7                         | 86.4                                       | 93.1 †                                     | 86.9                        |
| 25,000–49,999                | 42.3                          | 66.5               | 52.9 †             | 78.7                                | 77.3                             | 63.2 †                       | 74.0 †                                     | 89.0                                       | 82.9 †                      |
| 10,000–24,999                | 37.1                          | 53.8               | 35.1 †             | 63.3 †                              | 63.3 †                           | 39.9 †                       | 60.9 †                                     | 82.4                                       | 73.5 †                      |
| 2,500–9,999                  | 18.9                          | 41.5               | 22.2 †             | 39.0 †                              | 43.1 †                           | 23.6 †                       | 39.2 †                                     | 69.7 †                                     | 55.1 †                      |
| 2,499 or fewer               | 10.9                          | 29.0               | 12.5 †             | 21.2 †                              | 25.2 †                           | 12.9 †                       | 22.0 †                                     | 55.1 †                                     | 41.1 †                      |
| All officers <sup>a</sup>    | 51.0%                         | 63.7%              | 56.6%              | 77.3%                               | 67.1%                            | 63.4%                        | 69.8%                                      | 86.4%                                      | 84.6%                       |

Note: See appendix table 18 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments had an informal problem-solving partnership or formal written agreement with the selected group. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

## Technology

- In 2020, about 54% of local police departments used data for budget allocation, 49% for targeted enforcement, 45% for patrol allocation, 27% for hot spot analysis, and 12% for predictive policing (table 13).<sup>3</sup>

<sup>3</sup>Hot spot analysis is the identification of a higher than average number of crimes or victimizations within a predefined geographic area. See <https://www.ojp.gov/pdffiles1/nij/209393.pdf>.

- Departments serving 1 million or more residents were more likely to use data for budget allocation (100%), intelligence analysis (100%), and targeted enforcement (100%) than departments serving smaller populations.
- Three-quarters (75%) of officers were employed by departments that used data for hot spot analysis.
- The percentage of local police departments with a website increased 26% between 2016 (50% of departments) and 2020 (76%) (figure 8).

**TABLE 13**  
Percent of local police departments that used data for selected activities, by size of population served, 2020

| Size of population served    | Budget allocation | Hot spot analysis | Intelligence analysis | Patrol allocation | Predictive policing | Social network analysis | Targeted enforcement |
|------------------------------|-------------------|-------------------|-----------------------|-------------------|---------------------|-------------------------|----------------------|
| All sizes                    | 54.0%             | 27.0%             | 31.5%                 | 44.6%             | 11.8%               | 23.7%                   | 49.0%                |
| 1 million or more residents* | 100               | 100               | 100                   | 100               | 76.9!               | 92.3                    | 100                  |
| 500,000–999,999              | 93.5 †            | 100               | 96.8 †                | 100               | 58.1                | 83.9 †                  | 96.8 †               |
| 250,000–499,999              | 92.5 †            | 100               | 98.1 †                | 98.1 †            | 67.9                | 81.1 †                  | 90.6 †               |
| 100,000–249,999              | 90.5 †            | 91.0 †            | 90.5 †                | 86.1 †            | 64.2                | 72.1 †                  | 89.5 †               |
| 50,000–99,999                | 86.7 †            | 81.2 †            | 86.4 †                | 86.7 †            | 45.9                | 61.5 †                  | 94.6 †               |
| 25,000–49,999                | 83.8 †            | 63.4 †            | 67.6 †                | 77.9 †            | 29.3                | 50.0 †                  | 81.3 †               |
| 10,000–24,999                | 73.4 †            | 40.6 †            | 48.4 †                | 62.1 †            | 14.4                | 32.8 †                  | 68.3 †               |
| 2,500–9,999                  | 56.3 †            | 19.1 †            | 24.9 †                | 42.7 †            | 7.3                 | 19.7 †                  | 49.0 †               |
| 2,499 or fewer               | 30.4 †            | 9.0 †             | 11.6 †                | 23.3 †            | 3.2                 | 9.2 †                   | 25.2 †               |
| All officers <sup>a</sup>    | 84.5%             | 75.4%             | 77.1%                 | 82.7%             | 49.7%               | 63.8%                   | 84.1%                |

Note: See appendix table 19 for standard errors.

\*Comparison group.

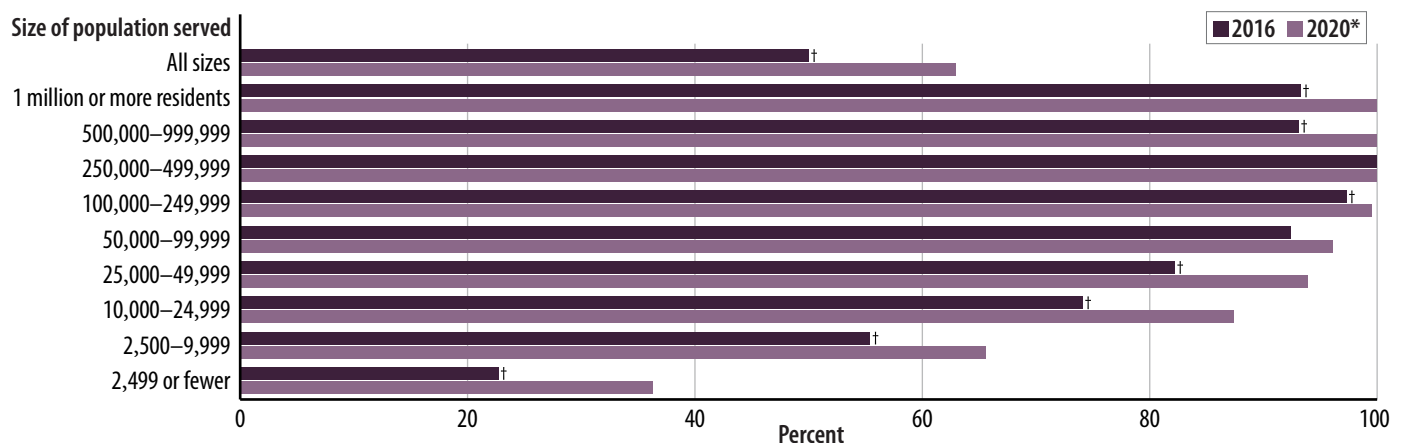
†Difference with comparison group is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent (FTE) sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments used data for the selected activity. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**FIGURE 8**  
Percent of local police departments with a website, by size of population served, 2016 and 2020



Note: See appendix table 20 for estimates and standard errors.

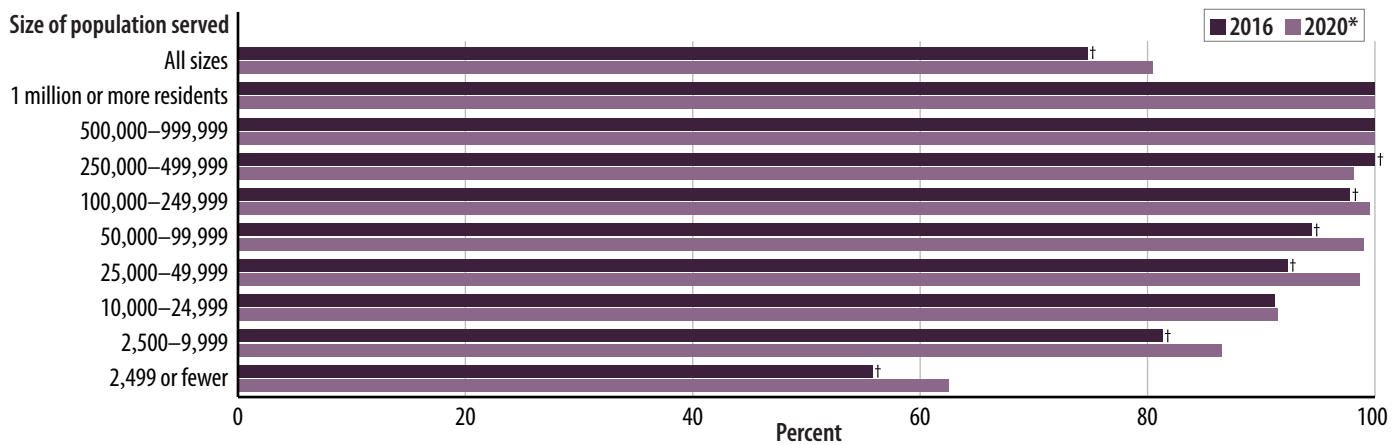
\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

- All departments serving 250,000 or more residents had websites in 2020.
- The percentage of departments serving fewer than 2,500 residents that had a website increased from 2016 (23% of departments) to 2020 (36%).
- In 2020, 80% of local police departments used social media, compared to 75% in 2016 (figure 9).
- The use of social media by departments serving fewer than 2,500 residents increased 12% between 2016 (56% of departments) and 2020 (62%).
- In 2020, most local police departments had a record management system (87%) or computer-aided dispatch (79%) (table 14).
- About 2% of departments had a gunshot detection system, and 5% had facial recognition technology.
- Departments serving 1 million or more residents were more likely than smaller departments to use an Automated Fingerprint Identification System or Next Generation Identification system, a geographic information system, infrared imagers, or license plate readers.

**FIGURE 9**  
**Percent of local police departments that used social media, by size of population served, 2016 and 2020**



Note: See appendix table 21 for estimates and standard errors.

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**TABLE 14****Percent of local police departments that regularly used selected technologies, by size of population served, 2020**

| Size of population served    | AFIS or NGI | Ballistic imaging | Computer-aided dispatch | Facial recognition | Firearm tracing | Geographic information system | Gunshot detection | Infrared (thermal) imagers | License plate readers | Record management system | Tire deflation devices |
|------------------------------|-------------|-------------------|-------------------------|--------------------|-----------------|-------------------------------|-------------------|----------------------------|-----------------------|--------------------------|------------------------|
| All sizes                    | 44.0%       | 15.3%             | 79.5%                   | 4.8%               | 26.8%           | 49.7%                         | 2.4%              | 19.6%                      | 21.8%                 | 87.2%                    | 37.2%                  |
| 1 million or more residents* | 100         | 84.6              | 100                     | 46.2!              | 92.3            | 100                           | 61.5!             | 92.3                       | 100                   | 92.3                     | 76.9!                  |
| 500,000–999,999              | 93.5 †      | 96.8 †            | 100                     | 22.6!              | 90.3            | 93.5 †                        | 41.9              | 71.0 †                     | 90.3 †                | 100 †                    | 67.7                   |
| 250,000–499,999              | 98.1 †      | 92.5 †            | 100                     | 24.5               | 77.4 †          | 98.1 †                        | 32.1              | 45.3 †                     | 81.1 †                | 98.1 †                   | 58.5                   |
| 100,000–249,999              | 90.5 †      | 71.6 †            | 100                     | 18.9               | 66.7 †          | 95.0 ‡                        | 12.9              | 45.3 †                     | 76.6 †                | 100 †                    | 58.7                   |
| 50,000–99,999                | 89.8 †      | 50.8 †            | 100                     | 9.9                | 56.5 †          | 90.9 †                        | 5.7               | 34.3 †                     | 57.3 †                | 98.3 †                   | 59.3                   |
| 25,000–49,999                | 78.5 †      | 45.9 †            | 98.5                    | 10.3               | 55.5 †          | 82.8 †                        | 5.5               | 38.0 †                     | 43.6 †                | 100 †                    | 51.5                   |
| 10,000–24,999                | 65.2 †      | 23.0 †            | 94.1 †                  | 8.2                | 43.3 †          | 70.2 †                        | 3.1!              | 28.9 †                     | 34.7 †                | 97.6 †                   | 47.3                   |
| 2,500–9,999                  | 44.7 †      | 8.9 †             | 83.3 †                  | 3.1                | 25.0 †          | 46.4 †                        | 0.7!              | 16.6 †                     | 17.5 †                | 94.3                     | 35.5                   |
| 2,499 or fewer               | 17.6 †      | 2.4 †             | 61.5 †                  | 1.9                | 8.1 †           | 28.3 †                        | 1.1!              | 10.2 †                     | 6.9 †                 | 70.9 †                   | 27.1                   |
| All officers <sup>a</sup>    | 82.9%       | 63.0%             | 96.2%                   | 25.9%              | 67.5%           | 84.4%                         | 29.7%             | 51.3%                      | 65.4%                 | 97.3%                    | 51.0%                  |

Note: AFIS denotes Automated Fingerprint Identification System. NGI denotes Next Generation Identification system. See appendix table 22 for standard errors.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

<sup>a</sup>Reflects the percentage of full-time-equivalent sworn (FTE) officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) whose departments used the selected technology. This is calculated by multiplying the number of FTEs for each department by the final analysis weight for that department to each result.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

## Methodology

For complete details on the research methodology used in this report, see *Local Police Departments Personnel, 2020* (NCJ 305187, BJS, November 2022) at <https://bjs.ojp.gov/library/publications/local-police-departments-personnel-2020>.

**APPENDIX TABLE 1**

**Standard errors for table 1: Percent of local police departments that authorized less-lethal equipment, by size of population served, type of equipment, and authorization level, 2020**

| Equipment and authorization level      | Size of population served |                           |                 |                 |               |               |               |             |                | All officers |
|--|---------------------------|---------------------------|-----------------|-----------------|---------------|---------------|---------------|-------------|----------------|--------------|
|  | All sizes                 | 500,000 or more residents | 250,000–499,999 | 100,000–249,999 | 50,000–99,999 | 25,000–49,999 | 10,000–24,999 | 2,500–9,999 | 2,499 or fewer |              |
| <b>OC spray/foam</b>                   |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                             | 0.53%                     | 1.09%                     | 0.00%           | 0.00%           | 0.18%         | 0.94%         | 1.27%         | 0.83%       | 1.10%          | 0.35%        |
| Almost always/always authorized        | 1.13                      | 2.60                      | 2.37            | 1.96            | 3.58          | 3.81          | 2.89          | 1.97        | 2.01           | 1.84         |
| Authorized under limited circumstances | 1.10                      | 2.57                      | 2.37            | 1.96            | 3.59          | 3.79          | 2.86          | 1.93        | 1.94           | 1.89         |
| <b>Conducted energy device</b>         |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                             | 0.60%                     | 0.78%                     | 0.00%           | 0.39%           | 1.40%         | 1.63%         | 1.40%         | 1.05%       | 1.15%          | 0.40%        |
| Almost always/always authorized        | 1.14                      | 2.54                      | 2.38            | 1.83            | 3.63          | 3.85          | 2.87          | 1.98        | 2.03           | 1.65         |
| Authorized under limited circumstances | 1.11                      | 2.57                      | 2.38            | 1.88            | 3.58          | 3.84          | 2.88          | 1.93        | 1.95           | 1.75         |
| <b>Baton</b>                           |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                             | 0.65%                     | 0.00%                     | 0.00%           | 0.24%           | 1.37%         | 1.86%         | 1.48%         | 1.03%       | 1.31%          | 0.35%        |
| Almost always/always authorized        | 1.14                      | 2.61                      | 2.37            | 1.84            | 3.65          | 3.86          | 2.84          | 1.97        | 2.04           | 1.66         |
| Authorized under limited circumstances | 1.13                      | 2.61                      | 2.37            | 1.86            | 3.63          | 3.83          | 2.89          | 1.99        | 2.01           | 1.73         |
| <b>Chemical agent projectile</b>       |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                             | 1.10%                     | 0.00%                     | 0.65%           | 0.30%           | 0.52%         | 2.75%         | 2.71%         | 1.97%       | 2.04%          | 0.65%        |
| Almost always/always authorized        | 0.88                      | 1.91                      | 1.78            | 1.10            | 3.18          | 3.27          | 1.94          | 1.45        | 1.64           | 0.89         |
| Authorized under limited circumstances | 1.11                      | 1.91                      | 1.86            | 1.15            | 3.20          | 3.75          | 2.89          | 1.94        | 1.94           | 1.20         |
| <b>Blunt force projectile</b>          |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                             | 1.09%                     | 0.78%                     | 0.91%           | 0.30%           | 1.43%         | 2.55%         | 2.60%         | 1.98%       | 2.04%          | 0.68%        |
| Almost always/always authorized        | 0.76                      | 2.01                      | 1.93            | 1.15            | 3.44          | 3.35          | 1.94          | 1.22        | 1.32           | 1.12         |
| Authorized under limited circumstances | 1.10                      | 2.10                      | 2.05            | 1.19            | 3.51          | 3.73          | 2.84          | 1.95        | 1.93           | 1.37         |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.



**APPENDIX TABLE 2**

**Standard errors for table 2: Percent of local police departments that authorized less-lethal techniques, by size of population served, type of technique, and authorization level, 2020**

| Technique and authorization level         | Size of population served |                           |                 |                 |               |               |               |             |                | All officers |
|---|---------------------------|---------------------------|-----------------|-----------------|---------------|---------------|---------------|-------------|----------------|--------------|
|   | All sizes                 | 500,000 or more residents | 250,000–499,999 | 100,000–249,999 | 50,000–99,999 | 25,000–49,999 | 10,000–24,999 | 2,500–9,999 | 2,499 or fewer |              |
| <b>Open-hand techniques</b>               |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                                | 0.36%                     | 0.00%                     | 0.00%           | 0.00%           | 0.09%         | 0.67%         | 0.63%         | 0.42%       | 0.85%          | 0.14%        |
| Almost always/always authorized           | 1.02                      | 2.26                      | 2.22            | 2.34            | 1.67          | 3.33          | 2.64          | 1.81        | 1.79           | 2.15         |
| Authorized under limited circumstances    | 0.99                      | 2.26                      | 2.22            | 2.34            | 1.66          | 3.30          | 2.61          | 1.79        | 1.68           | 2.15         |
| <b>Takedown techniques</b>                |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                                | 0.44%                     | 0.00%                     | 0.65%           | 0.00%           | 0.09%         | 0.67%         | 0.80%         | 0.63%       | 1.01%          | 0.16%        |
| Almost always/always authorized           | 1.09                      | 2.47                      | 2.33            | 2.19            | 2.15          | 3.62          | 2.83          | 1.89        | 1.95           | 2.02         |
| Authorized under limited circumstances    | 1.06                      | 2.47                      | 2.30            | 2.19            | 2.15          | 3.60          | 2.80          | 1.86        | 1.84           | 2.03         |
| <b>Closed-hand techniques</b>             |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                                | 0.52%                     | 0.00%                     | 0.00%           | 0.30%           | 0.09%         | 1.35%         | 0.72%         | 0.74%       | 1.18%          | 0.21%        |
| Almost always/always authorized           | 1.14                      | 2.58                      | 2.37            | 1.98            | 3.26          | 3.85          | 2.88          | 1.99        | 2.04           | 1.83         |
| Authorized under limited circumstances    | 1.13                      | 2.58                      | 2.37            | 2.01            | 3.25          | 3.83          | 2.89          | 1.99        | 1.98           | 1.85         |
| <b>Leg hobble</b>                         |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                                | 0.86%                     | 1.50%                     | 0.91%           | 0.67%           | 1.95%         | 2.24%         | 1.94%         | 1.45%       | 1.70%          | 2.40%        |
| Almost always/always authorized           | 1.01                      | 2.54                      | 2.18            | 1.42            | 3.43          | 3.50          | 2.42          | 1.69        | 1.89           | 1.50         |
| Authorized under limited circumstances    | 1.12                      | 2.61                      | 2.25            | 1.59            | 3.58          | 3.75          | 2.77          | 1.94        | 2.04           | 1.83         |
| <b>Vascular restraint or carotid hold</b> |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                                | 1.12%                     | 2.43%                     | 2.34%           | 1.50%           | 3.64%         | 3.86%         | 2.88%         | 1.92%       | 1.99%          | 1.57%        |
| Almost always/always authorized           | 0.37                      | 0.00                      | 0.65            | 0.30            | 1.36          | 0.69          | 0.36          | 0.41        | 0.93           | 0.15         |
| Authorized under limited circumstances    | 1.10                      | 2.43                      | 2.33            | 1.47            | 3.66          | 3.86          | 2.88          | 1.91        | 1.93           | 1.56         |
| <b>Respiratory neck restraint</b>         |                           |                           |                 |                 |               |               |               |             |                |              |
| Authorized                                | 1.04%                     | 2.01%                     | 2.22%           | 1.21%           | 3.35%         | 3.80%         | 2.71%         | 1.82%       | 1.79%          | 1.39%        |
| Almost always/always authorized           | 0.24                      | 0.00                      | 0.00            | 0.00            | 0.09          | 0.69          | 0.63          | 0.35        | 0.50           | 0.08         |
| Authorized under limited circumstances    | 1.03                      | 2.01                      | 2.22            | 1.21            | 3.35          | 3.78          | 2.69          | 1.80        | 1.76           | 1.38         |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 3****Standard errors for table 3: Percent of local police departments that authorized selected firearms, by duty status of officers and size of population served, 2020**

| Size of population served   | On-duty status |                         |                     |                       | Off-duty status |                         |                     |                       |
|-----------------------------|----------------|-------------------------|---------------------|-----------------------|-----------------|-------------------------|---------------------|-----------------------|
|                             | Handgun        | Shotgun or manual rifle | Semiautomatic rifle | Fully automatic rifle | Handgun         | Shotgun or manual rifle | Semiautomatic rifle | Fully automatic rifle |
| All sizes                   | 0.26%          | 0.81%                   | 0.54%               | 0.87%                 | 0.63%           | 1.12%                   | 1.13%               | 0.51%                 |
| 1 million or more residents | 0.00           | 0.00                    | 0.00                | 4.43                  | 0.00            | 4.79                    | 4.79                | 2.56                  |
| 500,000–999,999             | 0.00           | 1.53                    | 1.10                | 2.82                  | 0.00            | 3.03                    | 3.07                | 1.53                  |
| 250,000–499,999             | 0.00           | 1.61                    | 1.10                | 2.05                  | 1.26            | 2.05                    | 1.86                | 1.10                  |
| 100,000–249,999             | 0.00           | 0.93                    | 0.17                | 2.17                  | 0.24            | 1.88                    | 1.83                | 0.67                  |
| 50,000–99,999               | 0.09           | 2.30                    | 0.20                | 3.33                  | 0.35            | 3.61                    | 3.60                | 1.46                  |
| 25,000–49,999               | 0.00           | 2.48                    | 1.33                | 3.18                  | 1.87            | 3.74                    | 3.75                | 1.77                  |
| 10,000–24,999               | 0.63           | 2.10                    | 1.07                | 2.23                  | 1.13            | 2.82                    | 2.83                | 1.36                  |
| 2,500–9,999                 | 0.32           | 1.46                    | 0.72                | 1.36                  | 0.93            | 1.91                    | 1.96                | 0.73                  |
| 2,499 or fewer              | 0.61           | 1.39                    | 1.22                | 1.63                  | 1.38            | 2.01                    | 2.02                | 1.01                  |
| All officers                | 0.10%          | 0.64%                   | 0.30%               | 2.17%                 | 0.33%           | 1.53%                   | 1.59%               | 0.45%                 |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 4****Standard errors for table 4: Percent of local police departments that used selected types of video cameras, by size of population served, 2020**

| Size of population served   | Fixed site surveillance in public | In patrol cars | Mobile surveillance | On aerial drones | On officers (body-worn cameras) | On weapons |
|-----------------------------|-----------------------------------|----------------|---------------------|------------------|---------------------------------|------------|
| All sizes                   | 1.12%                             | 1.11%          | 0.74%               | 0.62%            | 1.11%                           | 0.38%      |
| 1 million or more residents | 4.04                              | 4.67           | 4.43                | 4.67             | 0.00                            | 0.00       |
| 500,000–999,999             | 2.82                              | 3.07           | 2.91                | 3.03             | 1.84                            | 1.10       |
| 250,000–499,999             | 2.14                              | 2.37           | 2.38                | 2.37             | 1.10                            | 0.00       |
| 100,000–249,999             | 2.16                              | 2.07           | 1.79                | 2.01             | 2.34                            | 0.30       |
| 50,000–99,999               | 3.37                              | 3.58           | 3.11                | 3.30             | 3.08                            | 1.38       |
| 25,000–49,999               | 3.85                              | 3.58           | 3.39                | 3.54             | 3.72                            | 1.14       |
| 10,000–24,999               | 2.86                              | 2.69           | 2.06                | 2.20             | 2.85                            | 0.88       |
| 2,500–9,999                 | 1.98                              | 1.94           | 1.07                | 1.07             | 1.97                            | 0.69       |
| 2,499 or fewer              | 1.96                              | 2.02           | 1.34                | 0.54             | 1.95                            | 0.68       |
| All officers                | 1.39%                             | 1.40%          | 1.60%               | 1.97%            | 0.96%                           | 0.35%      |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 5****Estimates and standard errors for figure 2: Percent of local police departments that used body-worn cameras, by size of population served, 2016 and 2020**

| Size of population served   | 2016     |                | 2020*    |                |
|-----------------------------|----------|----------------|----------|----------------|
|                             | Estimate | Standard error | Estimate | Standard error |
| All sizes                   | 43.1% †  | 1.10%          | 61.8%    | 1.11%          |
| 1 million or more residents | 73.3 †   | 3.89           | 100.0    | 0.00           |
| 500,000–999,999             | 58.6 †   | 3.12           | 90.3     | 1.84           |
| 250,000–499,999             | 44.0 †   | 2.39           | 94.3     | 1.10           |
| 100,000–249,999             | 47.0 †   | 1.26           | 77.1     | 2.34           |
| 50,000–99,999               | 42.5 †   | 3.89           | 71.1     | 3.08           |
| 25,000–49,999               | 38.9 †   | 3.84           | 63.7     | 3.72           |
| 10,000–24,999               | 29.9 †   | 2.56           | 58.5     | 2.85           |
| 2,500–9,999                 | 43.6 †   | 1.95           | 56.3     | 1.97           |
| 2,499 or fewer              | 48.5 †   | 1.92           | 65.3     | 1.95           |

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**APPENDIX TABLE 6****Estimates and standard errors for figure 3: Ratio of officers to body-worn cameras in local police departments, by size of population served, 2020**

| Size of population served    | Estimate | Standard error |
|------------------------------|----------|----------------|
| All sizes                    | 1.7      | 0.06           |
| 1 million or more residents* | 1.5      | 0.24           |
| 500,000–999,999              | 1.3      | 0.09           |
| 250,000–499,999              | 1.4      | 0.07           |
| 100,000–249,999              | 1.6      | 0.04           |
| 50,000–99,999                | 1.8      | 0.08           |
| 25,000–49,999                | 2.0      | 0.10           |
| 10,000–24,999                | 2.1 †    | 0.10           |
| 2,500–9,999                  | 2.2 †    | 0.07           |
| 2,499 or fewer               | 2.0 ‡    | 0.07           |

Note: Ratio is based on the number of full-time-equivalent sworn officers (i.e., the number of full-time sworn officers plus half the number of part-time sworn officers) in the given stratum and the total number of body-worn cameras reported by departments in that stratum.

\*Comparison group.

†Difference with comparison group is significant at the 95% confidence level.

‡Difference with comparison group is significant at the 90% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

## APPENDIX TABLE 7

**Standard errors for table 5: Percent of local police departments that used K-9 units and number of handlers and K-9s, by selected functions and size of population served, 2020**

| Size of population served   | Percent of departments with K-9 units | Total number of K-9 handlers | Total number of K-9s | Percent of departments using K-9 units for selected functions |                   |                |                 |                     |
|-----------------------------|---------------------------------------|------------------------------|----------------------|---|-------------------|----------------|-----------------|---------------------|
|                             |                                       |                              |                      | Bomb/explosive detection                                      | Cadaver detection | Drug detection | Person trailing | General enforcement |
| All sizes                   | 0.90%                                 | 207                          | 201                  | 0.94%   | 0.42%             | 1.07%          | 1.57%           | 1.64%               |
| 1 million or more residents | 0.00                                  | 55                           | 52                   | 0.00  | 4.67              | 0.00           | 2.56            | 3.46                |
| 500,000–999,999             | 1.10                                  | 42                           | 44                   | 1.53  | 1.84              | 1.53           | 1.84            | 2.91                |
| 250,000–499,999             | 0.65                                  | 32                           | 33                   | 1.82  | 0.92              | 0.92           | 1.41            | 1.73                |
| 100,000–249,999             | 0.42                                  | 39                           | 39                   | 1.71  | 0.43              | 2.69           | 2.60            | 2.58                |
| 50,000–99,999               | 2.87                                  | 84                           | 84                   | 3.13  | 1.58              | 0.53           | 3.21            | 2.94                |
| 25,000–49,999               | 3.60                                  | 118                          | 118                  | 2.83  | 0.98              | 0.98           | 3.11            | 3.19                |
| 10,000–24,999               | 2.87                                  | 133                          | 133                  | 2.39  | 0.66              | 1.70           | 3.07            | 3.07                |
| 2,500–9,999                 | 1.75                                  | 112                          | 102                  | 1.38  | 1.14              | 2.23           | 3.21            | 3.47                |
| 2,499 or fewer              | 1.24                                  | 67                           | 63                   | 1.61  | 0.00              | 4.75           | 5.40            | 5.32                |
| All officers                | 0.90%                                 | ~                            | ~                    | 1.69%   | 3.01%             | 0.43%          | 0.82%           | 0.98%               |

~Not applicable.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

## APPENDIX TABLE 8

**Standard errors for table 6: Percent of local police departments that required annual in-service training of nonprobationary patrol and field officers, by size of population served, 2020**

| Size of population served   | Total training hours   |                         | State-mandated hours   |                         | Additional training hours |                         |
|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|---------------------------|-------------------------|
|                             | Percent of departments | Average number of hours | Percent of departments | Average number of hours | Percent of departments    | Average number of hours |
| All sizes                   | 0.59%                  | 2                       | 0.77%                  | 2                       | 1.09%                     | 1                       |
| 1 million or more residents | 0.00                   | 2                       | 2.56                   | 1                       | 4.04                      | 3                       |
| 500,000–999,999             | 1.10                   | 1                       | 1.53                   | 1                       | 3.11                      | 1                       |
| 250,000–499,999             | 0.65                   | 1                       | 0.91                   | 0                       | 1.99                      | 1                       |
| 100,000–249,999             | 0.42                   | 1                       | 0.60                   | 1                       | 2.02                      | 1                       |
| 50,000–99,999               | 0.27                   | 3                       | 2.60                   | 2                       | 3.58                      | 2                       |
| 25,000–49,999               | 1.53                   | 9                       | 2.64                   | 8                       | 3.77                      | 2                       |
| 10,000–24,999               | 1.41                   | 5                       | 1.84                   | 3                       | 2.89                      | 4                       |
| 2,500–9,999                 | 0.96                   | 4                       | 1.30                   | 3                       | 1.96                      | 2                       |
| 2,499 or fewer              | 1.19                   | 3                       | 1.45                   | 2                       | 1.87                      | 1                       |
| All officers                | 0.31%                  | 2                       | 2.43%                  | 1                       | 1.57%                     | 2                       |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 9**

**Standard errors for table 7: Percent of local police departments with written policies or procedural directives, by selected topic and size of population served, 2020**

| Topic of written policy or procedural directive         | Size of population served |                             |                 |                 |                 |               |               |               |             |                |              |
|---|---------------------------|-----------------------------|-----------------|-----------------|-----------------|---------------|---------------|---------------|-------------|----------------|--------------|
|   | All sizes                 | 1 million or more residents | 500,000–999,999 | 250,000–499,999 | 100,000–249,999 | 50,000–99,999 | 25,000–49,999 | 10,000–24,999 | 2,500–9,999 | 2,499 or fewer | All officers |
| <b>Officer conduct</b>                                  |                           |                             |                 |                 |                 |               |               |               |             |                |              |
| Code of conduct and appearance                          | 0.38%                     | 0.00%                       | 0.00%           | 0.00%           | 0.17%           | 0.00%         | 0.00%         | 0.00%         | 0.54%       | 0.94%          | 0.06%        |
| Firearm discharge                                       | 0.43                      | 0.00                        | 0.00            | 0.00            | 0.24            | 0.00          | 0.00          | 0.00          | 0.58        | 1.08           | 0.07         |
| Maximum work hours per day                              | 1.07                      | 4.43                        | 3.07            | 2.36            | 1.29            | 3.20          | 3.14          | 2.71          | 1.97        | 1.88           | 1.90         |
| Off-duty conduct  | 0.57                      | 0.00                        | 0.00            | 0.00            | 0.17            | 0.00          | 0.00          | 1.06          | 0.81        | 1.31           | 0.17         |
| Use of deadly force                                     | 0.36                      | 0.00                        | 0.00            | 0.00            | 0.00            | 0.00          | 0.00          | 0.00          | 0.45        | 0.90           | 0.05         |
| Use of less-lethal force                                | 0.40                      | 0.00                        | 0.00            | 0.00            | 0.00            | 0.00          | 0.00          | 0.00          | 0.56        | 0.99           | 0.06         |
| <b>Dealing with special populations/situations</b>      |                           |                             |                 |                 |                 |               |               |               |             |                |              |
| Domestic disputes                                       | 0.60%                     | 0.00%                       | 1.10%           | 0.65%           | 0.35%           | 1.36%         | 0.96%         | 0.95%         | 0.84%       | 1.38%          | 0.24%        |
| Homeless persons  | 1.12                      | 0.00                        | 2.82            | 2.10            | 1.33            | 3.43          | 3.81          | 2.88          | 1.96        | 1.99           | 1.25         |
| Juveniles   | 0.61                      | 0.00                        | 0.00            | 0.00            | 0.35            | 1.36          | 0.04          | 1.02          | 0.86        | 1.41           | 0.19         |
| Persons with mental illness                             | 0.81                      | 0.00                        | 0.00            | 0.00            | 0.39            | 1.89          | 1.46          | 1.81          | 1.35        | 1.67           | 0.39         |
| Persons with intellectual or developmental disabilities | 0.95                      | 0.00                        | 1.84            | 1.26            | 0.74            | 1.93          | 2.05          | 2.16          | 1.66        | 1.86           | 0.67         |
| <b>Procedural</b>                                       |                           |                             |                 |                 |                 |               |               |               |             |                |              |
| Active shooter  | 0.83%                     | 0.00%                       | 2.29%           | 1.10%           | 0.49%           | 0.42%         | 1.32%         | 1.56%         | 1.34%       | 1.78%          | 0.53%        |
| Body-worn cameras                                       | 1.08                      | 0.00                        | 1.53            | 0.91            | 1.01            | 2.88          | 3.55          | 2.75          | 1.93        | 1.91           | 0.86         |
| Checking on immigration status by officers              | 1.04                      | 2.56                        | 2.82            | 2.22            | 1.50            | 3.49          | 3.85          | 2.88          | 1.86        | 1.71           | 1.47         |
| Civilian complaints                                     | 0.60                      | 0.00                        | 0.00            | 0.65            | 0.24            | 0.12          | 0.04          | 0.80          | 0.82        | 1.47           | 0.20         |
| Coronavirus   | 0.97                      | 2.56                        | 1.53            | 1.51            | 0.74            | 1.92          | 2.14          | 1.92          | 1.68        | 1.99           | 0.60         |
| Detaining federal immigration violators                 | 1.01                      | 4.04                        | 2.91            | 2.25            | 1.53            | 3.41          | 3.85          | 2.89          | 1.82        | 1.59           | 1.52         |
| In-custody deaths                                       | 0.97                      | 0.00                        | 1.10            | 0.91            | 2.60            | 1.41          | 1.48          | 2.02          | 1.67        | 2.00           | 0.51         |
| Mass demonstrations                                     | 1.03                      | 0.00                        | 0.00            | 0.91            | 0.57            | 1.92          | 2.85          | 2.59          | 1.96        | 1.80           | 0.73         |
| Motor vehicle stops                                     | 0.64                      | 0.00                        | 1.10            | 0.65            | 0.17            | 1.36          | 1.18          | 1.07          | 1.06        | 1.39           | 0.25         |
| Prisoner transport                                      | 0.71                      | 0.00                        | 0.00            | 0.65            | 0.24            | 0.18          | 0.98          | 1.13          | 1.10        | 1.63           | 0.22         |
| Racial profiling or unbiased policing                   | 0.78                      | 0.00                        | 0.00            | 0.65            | 0.35            | 0.15          | 1.48          | 1.07          | 1.30        | 1.71           | 0.31         |
| Reporting use of force                                  | 0.42                      | 0.00                        | 0.00            | 0.00            | 0.00            | 0.00          | 0.00          | 0.00          | 0.56        | 1.05           | 0.06         |
| Social media use  | 0.85                      | 0.00                        | 0.00            | 0.65            | 0.35            | 1.37          | 0.06          | 1.45          | 1.40        | 1.89           | 0.30         |
| Stop and frisk  | 0.92                      | 2.56                        | 0.00            | 1.51            | 0.91            | 2.28          | 1.76          | 2.01          | 1.56        | 1.85           | 0.53         |
| Strip searches  | 0.92                      | 2.56                        | 0.00            | 0.65            | 0.49            | 1.37          | 1.37          | 1.66          | 1.58        | 1.95           | 0.46         |
| Vehicle pursuits  | 0.48                      | 0.00                        | 0.00            | 0.00            | 0.17            | 0.00          | 0.00          | 0.00          | 0.56        | 1.22           | 0.07         |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 10****Standard errors for table 8: Percent of local police departments that regularly checked immigration status in selected circumstances, 2020**

| Circumstance when officers checked immigration status                              | Percent of departments | Percent of officers |
|--|------------------------|---------------------|
| In any of the following circumstances  | 1.14%                  | 1.27%               |
| During a street/pedestrian stop  | 0.54                   | 0.21                |
| During a traffic stop  | 0.68                   | 0.28                |
| After arrest for a misdemeanor offense   | 0.93                   | 0.68                |
| After arrest for a felony offense  | 1.06                   | 0.87                |
| When suspected of a federal immigration violation                                  | 1.14                   | 1.16                |
| Officers verified immigration status with the U.S. Department of Homeland Security | 1.57%                  | 0.93%               |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 11****Estimates and standard errors for figure 4: Selected reasons local police departments did not regularly check immigration status, 2020**

| Reason for not regularly checking immigration status                | Estimate | Standard error |
|---|----------|----------------|
| Unable to verify status while in the field                          | 18.4%    | 0.88%          |
| Concerned about victims not reporting to police                     | 13.4     | 0.73           |
| Concerned that officers will be perceived as using racial profiling | 13.3     | 0.75           |
| Concerned about losing public's trust                               | 12.6     | 0.71           |
| Prohibited by local or state legislation                            | 10.8     | 0.67           |
| Prohibited by departmental policy                                   | 10.4     | 0.63           |

Note: Respondents could indicate more than one reason they did not regularly check immigration status.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 12****Estimates and standard errors for figure 5: Percent of local police departments with a computerized early warning system or early intervention system for monitoring problematic officer behavior, by size of population served, 2016 and 2020**

| Size of population served   | 2016     |                | 2020*    |                |
|-----------------------------|----------|----------------|----------|----------------|
|                             | Estimate | Standard error | Estimate | Standard error |
| All sizes                   | 13.1% †  | 0.62%          | 20.0%    | 0.77%          |
| 1 million or more residents | 66.7 !   | 4.15           | 100      | 0.00           |
| 500,000–999,999             | 86.2     | 2.18           | 87.1     | 2.08           |
| 250,000–499,999             | 88.0     | 1.57           | 86.8     | 1.61           |
| 100,000–249,999             | 69.4 †   | 1.16           | 76.1     | 1.23           |
| 50,000–99,999               | 51.3 †   | 3.86           | 66.1     | 3.61           |
| 25,000–49,999               | 35.4 †   | 3.74           | 50.7     | 3.86           |
| 10,000–24,999               | 19.3 †   | 2.20           | 26.5     | 2.55           |
| 2,500–9,999                 | 9.5 †    | 1.14           | 14.9     | 1.40           |
| 2,499 or fewer              | 1.9 †    | 0.50           | 5.3      | 0.90           |

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

! Interpret with caution. Estimate is based on 10 or fewer sample cases, or coefficient of variation is greater than 50%.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**APPENDIX TABLE 13****Estimates and standard errors for figure 6: Percent of local police departments with a civilian complaint review board or agency, by size of population served, 2016 and 2020**

| Size of population served | 2016     |                | 2020*    |                |
|---------------------------|----------|----------------|----------|----------------|
|                           | Estimate | Standard error | Estimate | Standard error |
| All sizes                 | 11.3% †  | 0.70%          | 15.7%    | 0.82%          |
| 500,000 or more residents | 59.1 ‡   | 2.53           | 65.9     | 2.47           |
| 250,000–499,999           | 44.0     | 2.39           | 49.1     | 2.38           |
| 100,000–249,999           | 18.6     | 0.98           | 19.4     | 1.10           |
| 50,000–99,999             | 13.2     | 2.57           | 15.8     | 2.59           |
| 25,000–49,999             | 8.4      | 2.19           | 10.4     | 2.32           |
| 10,000–24,999             | 8.0      | 1.52           | 7.8      | 1.55           |
| 2,500–9,999               | 6.9 †    | 1.00           | 10.5     | 1.22           |
| 2,499 or fewer            | 15.4 †   | 1.39           | 23.9     | 1.75           |

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

‡Difference with comparison year is significant at the 90% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**APPENDIX TABLE 14****Standard errors for table 9: Percent of local police departments that required external investigations for selected situations, by size of population served, 2020**

| Size of population served | Discharge of firearm at or in direction of a person | Use of force resulting in serious bodily injury | Use of force resulting in death | In-custody death not due to use of force |
|---------------------------|---|---|---------------------------------|--|
| All sizes                 | 0.94%   | 0.93%   | 0.99%                           | 0.97%                                    |
| 500,000 or more residents | 2.26  | 1.91  | 2.54                            | 2.26                                     |
| 250,000–499,999           | 2.36  | 2.33  | 2.38                            | 1.93                                     |
| 100,000–249,999           | 2.05  | 2.18  | 1.86                            | 2.22                                     |
| 50,000–99,999             | 2.96  | 3.32  | 3.27                            | 2.68                                     |
| 25,000–49,999             | 3.58  | 3.31  | 3.69                            | 3.53                                     |
| 10,000–24,999             | 2.47  | 2.51  | 2.73                            | 2.66                                     |
| 2,500–9,999               | 1.66  | 1.65  | 1.76                            | 1.72                                     |
| 2,499 or fewer            | 1.58  | 1.56  | 1.64                            | 1.61                                     |
| All officers              | 1.14%   | 1.06%   | 1.35%                           | 1.09%                                    |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 15****Standard errors for table 10: Percent of local police departments that engaged in selected community policing activities, by size of population served, 2020**

| Size of population served   | Maintained a written community policing plan | Worked with a community advisory committee | Conducted citizen range days | Conducted a citizen police academy |
|-----------------------------|--|--|------------------------------|------------------------------------|
| All sizes                   | 1.02%  | 0.91%                                      | 0.37%                        | 0.57%                              |
| 1 million or more residents | 2.56   | 0.00                                       | 3.46                         | 4.79                               |
| 500,000–999,999             | 2.72   | 1.84                                       | 2.08                         | 3.11                               |
| 250,000–499,999             | 2.30   | 1.93                                       | 1.26                         | 2.37                               |
| 100,000–249,999             | 1.58   | 2.11                                       | 0.76                         | 1.69                               |
| 50,000–99,999               | 3.63   | 3.65                                       | 2.32                         | 3.11                               |
| 25,000–49,999               | 3.85   | 3.67                                       | 1.97                         | 3.59                               |
| 10,000–24,999               | 2.80   | 2.75                                       | 1.17                         | 2.16                               |
| 2,500–9,999                 | 1.77   | 1.60                                       | 0.65                         | 0.79                               |
| 2,499 or fewer              | 1.73   | 1.35                                       | 0.44                         | 0.56                               |
| All officers                | 1.46%  | 1.40%                                      | 0.60%                        | 2.04%                              |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 16****Estimates and standard errors for figure 7: Percent of local police departments that maintained a written community policing plan or conducted a citizen police academy, 2016 and 2020**

|  | 2016     |                | 2020*    |                |
|--|----------|----------------|----------|----------------|
|  | Estimate | Standard error | Estimate | Standard error |
| Maintained a written community policing plan | 42.1% †  | 1.08%          | 31.7%    | 1.02%          |
| Conducted a citizen police academy           | 16.2 †   | 0.64           | 9.9      | 0.57           |

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**APPENDIX TABLE 17****Standard errors for table 11: Percent of local police departments that solicited feedback from the community for selected topics, by size of population served, 2020**

| Size of population served   | Allocating resources to neighborhoods | Assessing community trust | Evaluating officer or agency performance | Informing agency policies and procedures | Prioritizing crime or disorder problems | Training development |
|-----------------------------|---------------------------------------|---------------------------|--|--|---|----------------------|
| All sizes                   | 0.99%                                 | 1.06%                     | 1.05%                                    | 1.07%                                    | 1.06%                                   | 1.02%                |
| 1 million or more residents | 2.56                                  | 0.00                      | 2.56                                     | 2.56                                     | 0.00                                    | 2.56                 |
| 500,000–999,999             | 1.53                                  | 2.29                      | 1.53                                     | 1.53                                     | 1.84                                    | 2.29                 |
| 250,000–499,999             | 2.05                                  | 1.51                      | 1.78                                     | 1.70                                     | 1.93                                    | 2.18                 |
| 100,000–249,999             | 2.34                                  | 2.48                      | 2.39                                     | 2.35                                     | 2.38                                    | 2.10                 |
| 50,000–99,999               | 3.70                                  | 3.32                      | 3.34                                     | 3.06                                     | 3.19                                    | 3.65                 |
| 25,000–49,999               | 3.85                                  | 3.61                      | 3.78                                     | 3.75                                     | 3.81                                    | 3.82                 |
| 10,000–24,999               | 2.86                                  | 2.87                      | 2.89                                     | 2.90                                     | 2.89                                    | 2.76                 |
| 2,500–9,999                 | 1.79                                  | 1.90                      | 1.86                                     | 1.88                                     | 1.90                                    | 1.76                 |
| 2,499 or fewer              | 1.54                                  | 1.78                      | 1.76                                     | 1.83                                     | 1.75                                    | 1.70                 |
| All officers                | 1.27%                                 | 1.07%                     | 1.18%                                    | 1.14%                                    | 1.12%                                   | 1.42%                |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.



**APPENDIX TABLE 18****Standard errors for table 12: Percent of local police departments with informal problem-solving partnerships or formal written agreements with selected groups, by size of population served, 2020**

| Size of population served   | Academic/<br>university staff | Advocacy<br>groups | Business<br>groups | Federal law<br>enforcement agencies | Law enforcement<br>organizations | Neighborhood<br>associations | Non-law-enforcement<br>government agencies | State or local law<br>enforcement agencies | Victim service<br>providers |
|-----------------------------|-------------------------------|--------------------|--------------------|-------------------------------------|----------------------------------|------------------------------|--|--|-----------------------------|
| All sizes                   | 0.89%                         | 1.09%              | 0.92%              | 1.02%                               | 1.05%                            | 0.92%                        | 1.05%                                      | 1.04%                                      | 1.09%                       |
| 1 million or more residents | 4.04                          | 4.04               | 3.46               | 3.46                                | 3.46                             | 3.46                         | 3.46                                       | 3.46                                       | 2.56                        |
| 500,000–999,999             | 2.08                          | 1.84               | 1.84               | 1.84                                | 2.29                             | 1.10                         | 1.53                                       | 1.10                                       | 0.00                        |
| 250,000–499,999             | 1.99                          | 1.61               | 1.86               | 1.26                                | 1.78                             | 1.39                         | 1.51                                       | 1.10                                       | 1.26                        |
| 100,000–249,999             | 2.07                          | 2.41               | 2.33               | 2.54                                | 2.29                             | 2.50                         | 2.51                                       | 2.59                                       | 2.57                        |
| 50,000–99,999               | 3.65                          | 3.04               | 3.44               | 2.58                                | 3.20                             | 2.84                         | 2.33                                       | 1.90                                       | 2.60                        |
| 25,000–49,999               | 3.80                          | 3.67               | 3.86               | 3.19                                | 3.27                             | 3.76                         | 3.38                                       | 2.49                                       | 2.92                        |
| 10,000–24,999               | 2.80                          | 2.89               | 2.76               | 2.79                                | 2.78                             | 2.83                         | 2.83                                       | 2.21                                       | 2.56                        |
| 2,500–9,999                 | 1.55                          | 1.96               | 1.65               | 1.93                                | 1.96                             | 1.68                         | 1.93                                       | 1.83                                       | 1.97                        |
| 2,499 or fewer              | 1.27                          | 1.85               | 1.34               | 1.66                                | 1.76                             | 1.35                         | 1.70                                       | 2.03                                       | 2.01                        |
| All officers                | 1.81%                         | 2.09%              | 1.93%              | 1.24%                               | 2.09%                            | 2.07%                        | 2.14%                                      | 1.12%                                      | 0.79%                       |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 19****Standard errors for table 13: Percent of local police departments that used data for selected activities, by size of population served, 2020**

| Size of population served   | Budget allocation | Hot spot analysis | Intelligence analysis | Patrol allocation | Predictive policing | Social network analysis | Targeted enforcement |
|-----------------------------|-------------------|-------------------|-----------------------|-------------------|---------------------|-------------------------|----------------------|
| All sizes                   | 1.05%             | 0.85%             | 0.92%                 | 1.03%             | 0.61%               | 0.86%                   | 1.04%                |
| 1 million or more residents | 0.00              | 0.00              | 0.00                  | 0.00              | 4.04                | 2.56                    | 0.00                 |
| 500,000–999,999             | 1.53              | 0.00              | 1.10                  | 0.00              | 3.07                | 2.29                    | 1.10                 |
| 250,000–499,999             | 1.26              | 0.00              | 0.65                  | 0.65              | 2.22                | 1.86                    | 1.39                 |
| 100,000–249,999             | 2.58              | 2.58              | 2.58                  | 2.50              | 2.11                | 2.26                    | 2.56                 |
| 50,000–99,999               | 2.30              | 3.04              | 2.60                  | 2.82              | 3.60                | 3.46                    | 1.39                 |
| 25,000–49,999               | 2.86              | 3.72              | 3.64                  | 3.23              | 3.43                | 3.84                    | 3.07                 |
| 10,000–24,999               | 2.56              | 2.84              | 2.89                  | 2.81              | 2.02                | 2.72                    | 2.69                 |
| 2,500–9,999                 | 1.96              | 1.54              | 1.70                  | 1.94              | 1.03                | 1.57                    | 1.98                 |
| 2,499 or fewer              | 1.85              | 1.16              | 1.29                  | 1.71              | 0.71                | 1.16                    | 1.76                 |
| All officers                | 0.77%             | 1.01%             | 0.98%                 | 0.80%             | 1.77%               | 1.39%                   | 0.76%                |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

**APPENDIX TABLE 20****Estimates and standard errors for figure 8: Percent of local police departments with a website, by size of population served, 2016 and 2020**

| Size of population served   | 2016     |                | 2020*    |                |
|-----------------------------|----------|----------------|----------|----------------|
|                             | Estimate | Standard error | Estimate | Standard error |
| All sizes                   | 50.0% †  | 0.97%          | 62.9%    | 0.99%          |
| 1 million or more residents | 93.3 †   | 2.20           | 100      | 0.00           |
| 500,000–999,999             | 93.1 †   | 1.60           | 100      | 0.00           |
| 250,000–499,999             | 100      | 0.00           | 100      | 0.00           |
| 100,000–249,999             | 97.3 †   | 0.41           | 99.5     | 0.17           |
| 50,000–99,999               | 92.4     | 2.14           | 96.1     | 1.38           |
| 25,000–49,999               | 82.2 †   | 3.03           | 93.9     | 1.86           |
| 10,000–24,999               | 74.1 †   | 2.45           | 87.4     | 1.93           |
| 2,500–9,999                 | 55.4 †   | 1.96           | 65.6     | 1.88           |
| 2,499 or fewer              | 22.7 †   | 1.53           | 36.3     | 1.91           |

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**APPENDIX TABLE 21****Estimates and standard errors for figure 9: Percent of local police departments that used social media, by size of population served, 2016 and 2020**

| Size of population served   | 2016     |                | 2020*    |                |
|-----------------------------|----------|----------------|----------|----------------|
|                             | Estimate | Standard error | Estimate | Standard error |
| All sizes                   | 74.7% †  | 0.92%          | 80.4%    | 0.87%          |
| 1 million or more residents | 100      | 0.00           | 100      | 0.00           |
| 500,000–999,999             | 100      | 0.00           | 100      | 0.00           |
| 250,000–499,999             | 100 †    | 0.00           | 98.1     | 0.65           |
| 100,000–249,999             | 97.8 †   | 0.37           | 99.5     | 0.17           |
| 50,000–99,999               | 94.4 †   | 1.50           | 99.0     | 0.18           |
| 25,000–49,999               | 92.3 †   | 2.08           | 98.6     | 0.94           |
| 10,000–24,999               | 91.2     | 1.58           | 91.4     | 1.63           |
| 2,500–9,999                 | 81.3 †   | 1.53           | 86.5     | 1.37           |
| 2,499 or fewer              | 55.8 †   | 1.85           | 62.5     | 1.95           |

\*Comparison year.

†Difference with comparison year is significant at the 95% confidence level.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2016 and 2020.

**APPENDIX TABLE 22****Standard errors for table 14: Percent of local police departments that regularly used selected technologies, by size of population served, 2020**

| Size of population served   | AFIS or NGI | Ballistic imaging | Computer-aided dispatch | Facial recognition | Firearm tracing | Geographic information system | Gunshot detection | Infrared (thermal) imagers | License plate readers | Record management system | Tire deflation devices |
|-----------------------------|-------------|-------------------|-------------------------|--------------------|-----------------|-------------------------------|-------------------|----------------------------|-----------------------|--------------------------|------------------------|
| All sizes                   | 0.99%       | 0.67%             | 0.90%                   | 0.44%              | 0.89%           | 1.05%                         | 0.28%             | 0.84%                      | 0.82%                 | 0.75%                    | 1.07%                  |
| 1 million or more residents | 0.00        | 3.46              | 0.00                    | 4.79               | 2.56            | 0.00                          | 4.67              | 2.56                       | 0.00                  | 2.56                     | 4.04                   |
| 500,000–999,999             | 1.53        | 1.10              | 0.00                    | 2.60               | 1.84            | 1.53                          | 3.07              | 2.82                       | 1.84                  | 0.00                     | 2.91                   |
| 250,000–499,999             | 0.65        | 1.26              | 0.00                    | 2.05               | 1.99            | 0.65                          | 2.22              | 2.37                       | 1.86                  | 0.65                     | 2.34                   |
| 100,000–249,999             | 2.58        | 2.25              | 0.00                    | 1.09               | 2.16            | 2.65                          | 0.89              | 1.73                       | 2.34                  | 0.00                     | 2.01                   |
| 50,000–99,999               | 1.96        | 3.64              | 0.00                    | 1.48               | 3.68            | 1.47                          | 0.54              | 3.44                       | 3.71                  | 1.36                     | 3.42                   |
| 25,000–49,999               | 3.20        | 3.83              | 0.96                    | 2.33               | 3.84            | 2.92                          | 1.64              | 3.75                       | 3.80                  | 0.00                     | 3.85                   |
| 10,000–24,999               | 2.76        | 2.43              | 1.36                    | 1.59               | 2.86            | 2.65                          | 1.01              | 2.63                       | 2.76                  | 0.89                     | 2.89                   |
| 2,500–9,999                 | 1.96        | 1.12              | 1.48                    | 0.69               | 1.70            | 1.98                          | 0.34              | 1.46                       | 1.48                  | 0.93                     | 1.90                   |
| 2,499 or fewer              | 1.52        | 0.60              | 1.98                    | 0.54               | 1.08            | 1.80                          | 0.42              | 1.22                       | 1.02                  | 1.85                     | 1.81                   |
| All officers                | 0.81%       | 1.38%             | 0.30%                   | 2.38%              | 1.28%           | 0.75%                         | 2.26%             | 1.74%                      | 1.33%                 | 0.30%                    | 1.82%                  |

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2020.

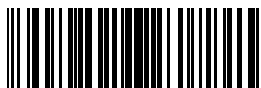


The Bureau of Justice Statistics of the U.S. Department of Justice is the principal federal agency responsible for measuring crime, criminal victimization, criminal offenders, victims of crime, correlates of crime, and the operation of criminal and civil justice systems at the federal, state, tribal, 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. Kevin M. Scott, PhD, is the acting director.

This report was written by Sean E. Goodison, PhD, and Connor Brooks. Elizabeth J. Davis verified the report.

David Fialkoff edited the report. Jeffrey Link produced the report.

November 2023, NCJ 307405



NCJ 307405

Office of Justice Programs  
Building Solutions • Supporting Communities • Advancing Justice  
[www.ojp.gov](http://www.ojp.gov)