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# Sheriffs' Offices, 2007 - Statistical Tables

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s of September 2007, an estimated 3,000 sheriffs' offices performed law enforcement functions in the United States. Nationally, sheriffs' offices employed about 369,000 sworn and civilian personnel and operated at a cost of roughly \$30 billion.

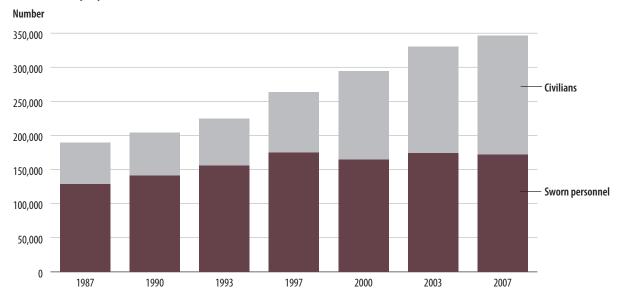
Sheriffs' offices represented approximately a fifth of the estimated 15,600 general purpose law enforcement agencies operating in the United States during 2007 and employed about a third of all sworn and civilian personnel. Law enforcement agencies are publically funded government entities responsible for enforcing laws and maintaining public order and public safety. Sheriffs' offices are generally empowered by the state to serve counties and independent cities.

Sheriffs' offices performed a wide range of law enforcement functions, such as response to criminal incidents, response to calls for service, patrol, crime investigation, arrest of criminal suspects, execution of warrants, traffic enforcement, traffic direction and control, accident investigation, drug enforcement, parking enforcement, and crime prevention

education. Although sheriffs' offices may have countywide responsibilities related to jail operation, process serving, and court security, their law enforcement jurisdictions typically exclude county areas served by a local police department. In certain counties, municipalities contract with the sheriffs' office for law enforcement services.

These statistical tables present data from the Bureau of Justice Statistics' (BJS) 2007 Law Enforcement Management and Administrative Statistics (LEMAS) survey. The LEMAS survey is a nationally representative sample of state and local law enforcement agencies. It describes sheriffs' offices with law enforcement duties, including their personnel, budgets, operations, policies and procedures, computers and information systems, and equipment. Approximately 50 sheriffs' offices identified as performing jail functions or courtrelated functions or both did not have an area of primary law enforcement jurisdiction. The LEMAS survey has been conducted every 3 to 4 years since 1987. Comparisons are made with prior years where appropriate and as data were available.

FIGURE 1 Full-time employees of sheriffs' offices, 1987–2007





### **Highlights**

#### Sheriffs' office characteristics

- As of September 2007, an estimated 3,012 sheriffs' offices performing law enforcement functions in the United States employed 369,084 sworn and civilian personnel (table 1).
- Sworn personnel represented about half (49%) of all those employed by sheriffs' offices during 2007, including 172,241 full-time and 8,831 part-time personnel.
- From 1987 to 2007, the number of full-time employees in sheriffs' offices increased from about 189,000 to more than 346,000 (figure 1).
- Full-time sworn personnel increased by about 43,500 (34%) from 1987 to 2007, and full-time civilian employees nearly tripled—from 60,500 to 174,100.

#### Size of sheriffs' offices and population served

- Nationwide, 57% (1,708) of sheriffs' offices employed less than 25 sworn personnel (table 2).
- While about 1 in 4 sheriffs' offices employed fewer than 10 deputies, these small agencies accounted for 2.4% of all full-time sworn personnel.
- Large agencies (employing 100 or more sworn personnel) represented about 12% of all sheriffs' offices but employed nearly two-thirds (65%) of all full-time sworn personnel.
- About a fifth (35,501) of all full-time sworn personnel were employed by less than 1% of sheriffs' offices with 1,000 or more sworn personnel.
- Although two-thirds of sheriffs' offices (2,029) served fewer than 50,000 residents, these agencies employed 18% (31,507) of all full-time sworn personnel (table 3).
- About half of full-time sworn personnel (84,923) were employed by the 7% of sheriffs' offices serving jurisdictions with 250,000 or more residents.

#### **Operating budgets**

- Operating budgets of sheriffs' offices totaled about \$30 billion for fiscal year 2007, which was 20% more than in 2003, after adjusting for inflation (table 4).
- Overall, operating budgets averaged about \$10 million per sheriffs' office in 2007, ranging from about \$337 million for agencies serving populations of 1 million or more residents to \$657,000 for those serving fewer than 10,000 residents.

- On average, the operating cost of sheriffs' offices during fiscal year 2007 was about \$170,000 per sworn deputy and \$112 per U.S. resident.
- During 2006, nearly half (46%) of sheriffs' offices received money, goods, or property from drug asset forfeiture programs, with more than \$230 million in receipts overall (table 5).

#### Sheriffs' office salaries

- In 2007, the average starting salary for entry-level sheriffs' deputies was about \$31,000, ranging from \$27,800 in the smallest jurisdictions to \$45,600 in the largest (table 6).
- Minimum salaries for sheriffs averaged \$142,700 in jurisdictions with 1 million or more residents, compared to less than \$55,000 in jurisdictions with a population of less than 25,000 residents.
- Average starting salaries for entry-level deputies were \$7,300 (25%) higher in sheriffs' offices with collective bargaining than in those without it (not shown in table).
- Among sheriffs' offices serving 250,000 or more residents, a majority offered tuition reimbursement and about half offered education incentive pay to their sworn personnel (table 7).

#### Personnel selection and hiring

- Nearly all (99%) sheriffs' offices had a minimum education requirement for new deputies hired in 2007 (table 8). The most common requirement for new hires was a high school diploma (89%).
- In 2007, personal interviews were used almost universally (99%) in the hiring process and were supplemented by psychological evaluations in 62% of agencies, including more than 90% of deputies serving 500,000 or more residents (table 10).
- New deputy recruits completed an average requirement of 1,476 hours of classroom and field training in jurisdictions with 1 million or more residents, compared to the 754 hours required in the smallest jurisdictions (table 14).
- The vast majority (94%) of sheriffs' offices had an annual in-service training requirement for nonprobationary deputies. Overall, the average annual in-service requirement was 45 hours (table 15).

### **Highlights (continued)**

#### **Personnel characteristics**

- Members of a racial or ethnic minority represented about 1 in 5 sworn personnel employed by sheriffs' offices during 2007 (table 16).
- In 2007, about 9% (15,500) of sworn personnel employed at sheriffs' offices were black or African American, slightly less than in 2003 (10%), but equal to the proportion employed in 1987.
- From 2003 to 2007, the number of Hispanic or Latino deputies increased by 16% to comprise 8% (13,900) of all sworn deputies in 2007.
- In 2007, an estimated 12% (20,800) of full-time sworn personnel in sheriffs' offices were women, a percentage similar to that observed in previous LEMAS surveys (table 17).

#### **Patrol and response**

- In 2007, an estimated 57% of full-time sheriffs' deputies had regularly assigned duties that included responding to calls for service (table 18).
- The proportion of deputies responding to calls ranged from about 5 in 10 among agencies serving 250,000 or more residents to about 9 in 10 among agencies serving fewer than 10,000 residents.
- More than 80% of sheriffs' offices serving populations of 25,000 or more residents used an enhanced 9-1-1 system capable of displaying a caller's name, address, and special needs (table 19).
- Nearly half (44%) of sheriffs' offices serving 500,000 or more residents routinely used foot patrol, and about half (between 42% and 63%) of those serving 250,000 or more residents regularly patrolled by boat (table 21).
- More than half (57%) of sheriffs' offices used dogs for law enforcement activities during 2007, while 5% used horses (table 27).

#### **Equipment**

- Two-thirds of sheriffs' offices (employing 76% of full-time sworn personnel) authorized the use of conducted energy devices, such as tasers and stun guns, compared to 30% of offices (employing 47% of full-time sworn personnel) in 2003 (table 30).
- About 57% of sheriffs' offices (employing 60% of full-time sworn personnel) required use of protective body armor at all times while in the field in 2007 (table 33).
- In 2007, 67% of sheriffs' offices used video cameras in patrol cars, compared to 58% in 2003 (table 34). An estimated 28,600 in-car cameras were in use during 2007—about 11,000 (62%) more than in 2003.

#### **Computers**

- About two-thirds of sheriffs' offices used computers for dispatch, booking, and investigative purposes in 2007 (table 35).
- A majority of the sheriffs' offices in each population category of 50,000 or more used in-field computers or terminals during 2007, including over 85% of offices serving populations of 100,000 or more residents (table 38).
- About 70% of sheriffs' offices (employing 90% of deputies) had access to an Automated Fingerprint Identification System (AFIS) (table 42).

#### **Task force participation**

- A majority of sheriffs' offices, including more than 70% of those serving 25,000 or more residents, had sworn personnel assigned to a multi-agency drug task force in 2007 (table 49).
- Over half of sheriffs' offices serving 500,000 or more residents had sworn personnel assigned to a gang task force (table 50).

## **List of Tables**

Sheriffs' office characteristics	<b>TABLE 15.</b> In-service training requirements for sworn personnel in sheriffs' offices, by size of population served,
<b>TABLE 1.</b> General purpose state and local law enforcement agencies sworn and civilian personnel, by employment	200710
status and type of agency, 20076	Personnel characteristics
Size of sheriffs' offices and population served	<b>TABLE 16.</b> Race and ethnicity of full-time sworn personnel in sheriffs' offices, by size of population served, 200710
TABLE 2. Sheriffs' offices and full-time personnel, by number of sworn personnel, 2007	<b>TABLE 17.</b> Sex of full-time sworn personnel in sheriffs' offices, by size of population served, 2007
population served, 2007	Patrol and response
Operating budgets	<b>TABLE 18.</b> Sheriffs' deputies assigned to respond to calls for service, by size of population served, 200711
TABLE 4. Annual operating budget of sheriffs' offices, bysize of population served, 2007	<b>TABLE 19.</b> Emergency 9-1-1 system participation of sheriffs' offices, by size of population served, 2007
Sheriffs' office salaries	200711
<b>TABLE 6.</b> Average base annual salary for selected full-time positions in sheriffs' offices, by size of population served, 2007	TABLE 21. Types of regularly scheduled patrols other than automobile used by sheriffs' offices, by size of population served, 2007
<b>TABLE 7.</b> Special pay and benefits for full-time sworn personnel in sheriffs' offices, by size of population served,	<b>TABLE 22.</b> Special population and situational policies of sheriffs' offices, by size of population served, 200712
2007	<b>TABLE 23.</b> Number of motorized land vehicles operated by sheriffs' offices and percent unmarked, by size of population served, 2007
<b>TABLE 8.</b> Education requirements for new deputies in sheriffs' offices, by size of population served, 20078	<b>TABLE 24.</b> Motorized vehicles operated by sheriffs' offices, by size of population served, 2007113
TABLE 9. Background and record check methods used in selection of new deputy recruits in sheriffs' offices, by size of population served, 20078	<b>TABLE 25.</b> Vehicle use policies for sworn personnel in sheriffs' offices, by size of population served, 2007
<b>TABLE 10.</b> Personal attribute screening methods used in the selection of new deputy recruits in sheriffs' offices, by	<b>TABLE 26.</b> Off-land vehicles operated by sheriffs' offices, by size of population served, 2007
TABLE 11. Physical attribute screening methods used in the selection of new deputy recruits in sheriffs' offices, by size of population served, 2007	TABLE 27. Use of animals by sheriffs' offices for law enforcement purposes, by size of population served, 2007
<b>TABLE 12.</b> Screening methods related to community policing used in the selection of new deputy recruits for sheriffs' offices, by size of population served, 20079	TABLE 28. Types of sidearms authorized for use by sworn personnel in sheriffs' offices, by size of population served, 2007
TABLE 13. Workplace policies of sheriffs' offices, by size of population served, 2007         10	<b>TABLE 29.</b> Types of batons authorized for use by sworn personnel in sheriffs' offices, by size of population served,
<b>TABLE 14.</b> Training requirements for new deputy recruits in sheriffs' offices, by size of population served, 200710	200714

List of Tables (continued)	
<b>TABLE 30.</b> Less-than-lethal weapons authorized for use by a majority of sheriffs' offices, by size of population served, 2007	<b>TABLE 45.</b> Community-oriented policies for patrol officers in sheriffs' offices, by size of population served, 200718
<b>TABLE 31.</b> Less-than-lethal weapons or actions authorized for use by fewer than half of sheriffs' offices, by size of	<b>TABLE 46.</b> Community policing activities of sheriffs' offices, by size of population served, 2007
population served, 200714	<b>TABLE 47.</b> Full-time community policing officers and units in sheriffs' offices, by size of population served, 200719
<b>TABLE 32.</b> Use-of-force policies and procedures in sheriffs' offices, by size of population served, 2007	<b>TABLE 48.</b> Full-time school resource officers in sheriffs' offices, by size of population served, 2007
<b>TABLE 33.</b> Body armor requirements for field officers in sheriffs' offices, by size of population served, 2007	<b>TABLE 49.</b> Drug task force participation of sheriffs' offices, by size of population served, 200719
TABLE 34. Use of video cameras by sheriffs' offices, by size of population served, 2007	<b>TABLE 50.</b> Gang task force participation of sheriffs' offices, by size of population served, 200719
Computers  TABLE 35. General functions of computers in sheriffs'	<b>TABLE 51.</b> Human trafficking task force participation of sheriffs' offices, by size of population served, 200720
offices, by size of population served, 200715	<b>TABLE 52.</b> Anti-terrorism task force participation of sheriffs' offices, by size of population served, 2007
<b>TABLE 36.</b> Analytic functions of computers in sheriffs' offices, by size of population served, 2007	<b>TABLE 53.</b> Preparedness activities of sheriffs' offices, by size of population served, 200720
<b>TABLE 37.</b> Types of in-field computers or terminals used by sheriffs' offices, by size of population served, 2007 16	TABLE 54. Full-time intelligence personnel in sheriffs'
<b>TABLE 38.</b> Use of in-field computers or terminals by sheriffs' offices, by size of population served, 2007	offices with primary duties related to terrorist activities, by size of population served, 200720
<b>TABLE 39.</b> Use of in-field computers for reports and communications by sheriffs' offices, by size of population served, 2007	Appendix tables  APPENDIX TABLE 1. Fifty largest sheriffs' offices in the
<b>TABLE 40.</b> Types of computerized information accessible to in-field deputies in sheriffs' offices, by size of population	United States, by number of full-time sworn personnel, 200723
served, 200717	APPENDIX TABLE 2. Standard errors of the estimated percentages for sheriffs' offices, by size of population
<b>TABLE 41.</b> Methods used by sheriffs' offices for transmitting criminal incident reports to a central information system, by size of population served, 200 17	APPENDIX TABLE 3. Standard errors for estimated
TABLE 42. Automated Fingerprint Identification Systems         (AFIS) in sheriffs' offices, by size of population served,         2007       17	personnel counts in sheriffs' offices, 2007
Task force participation	<b>APPENDIX TABLE 5.</b> Standard errors for starting salaries for entry-level deputies in sheriffs' offices,
TABLE 43. Community policing policies of sheriffs' offices,         by size of population served, 2007       18	200724
TABLE 44. Community policing training for new deputy recruits in sheriffs' offices, by size of population served,         2007       18	

TABLE 1
General purpose state and local law enforcement agencies sworn and civilian personnel, by employment status and type of agency, 2007

Number of		_	Sworn personnel			Civilian personnel			
Type of agency	agencies	Total personnel	Total	Full-time	Part-time	Total	Full-time	Part-time	
Total	15,636	1,119,309	730,470	696,346	34,124	388,839	344,382	44,457	
Local police	12,575	655,337	488,349	463,147	25,202	166,988	137,880	29,108	
Sheriffs' offices*	3,012	369,084	181,072	172,241	8,831	188,012	174,096	13,916	
Primary state	49	94,888	61,049	60,958	91	33,839	32,406	1,433	

Note: Table excludes agencies not employing the equivalent of at least 1 full-time employee.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 2
Sheriffs' offices and full-time personnel, by number of sworn personnel, 2007

	Agei	ncies	Full-time swor	n personnel	Full-time civilia	ın personnel
Number of sworn personnel*	Number	Percent	Number	Percent	Number	Percent
All sizes	3,012	100%	172,241	100%	174,096	100%
1,000 or more	18	0.6	35,501	20.6	36,501	21.0
500–999	22	0.7	14,370	8.3	14,578	8.4
250–499	83	2.8	28,979	16.8	27,025	15.5
100–249	229	7.6	32,947	19.1	30,677	17.6
50–99	372	12.4	23,641	13.7	26,070	15.0
25-49	580	19.2	18,941	11.0	19,967	11.5
10–24	933	31.0	13,797	8.0	15,629	9.0
5–9	531	17.6	3,372	2.0	3,228	1.9
2–4	220	7.3	670	0.4	421	0.2
1	24	0.8	24			

Note: Detail may not sum to total due to rounding.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 3
Sheriffs' offices and full-time personnel, by size of population served, 2007

	Ager	ncies	Full-time sworr	n personnel	Full-time civilia	n personnel
Population served	Number	Percent	Number	Percent	Number	Percent
All sizes	3,012	100%	172,241	100%	174,096	100%
1,000,000 or more	30	1.0	41,867	24.3	45,996	26.4
500,000-999,999	59	1.9	19,525	11.3	22,137	12.7
250,000-499,999	121	4.0	23,531	13.7	24,029	13.8
100,000-249,999	310	10.3	31,569	18.3	29,567	17.0
50,000-99,999	462	15.3	24,242	14.1	23,890	13.7
25,000-49,999	541	18.0	15,404	8.9	13,943	8.0
10,000-24,999	862	28.6	12,167	7.1	11,560	6.6
Under 10,000	626	20.8	3,936	2.3	2,975	1.7

Note: Detail may not sum to total due to rounding.

<sup>\*</sup>Excludes approximately 50 sheriffs' offices without an area of primary law enforcement jurisdiction.

<sup>\*</sup>Includes both full-time and part-time employees with part-time employees weighted by 0.5.

<sup>--</sup>Less than 0.05%.

TABLE 4
Annual operating budget of sheriffs' offices, by size of population served, 2007

Population served	Total	Per agency	Per sworn deputy	Per employee	Per resident
All sizes	\$30,004,669,000	\$9,962,000	\$169,800	\$83,900	\$112
1,000,000 or more	10,212,395,000	336,753,000	241,600	115,100	152
500,000-999,999	4,017,548,000	68,447,000	203,200	94,400	98
250,000-499,999	4,235,658,000	34,897,000	174,800	85,900	99
100,000-249,999	4,690,057,000	15,139,000	145,400	74,500	100
50,000-99,999	3,278,846,000	7,095,000	130,800	65,400	99
25,000-49,999	1,728,576,000	3,194,000	107,500	56,000	90
10,000-24,999	1,430,212,000	1,659,000	111,500	56,000	100
Under 10,000	411,377,000	657,000	98,900	53,900	130

Note: Data are for the fiscal year ending September 30, 2007, or the most recent fiscal year completed prior to that date. Capital expenditures, such as equipment purchases or construction costs, are excluded. Per deputy and per employee averages include both full-time and part-time employees, with a weight of 0.5 assigned to part-time employees. Missing 1.8% of cases. Total and per agency data are rounded to the nearest \$1,000; per deputy and per employee figures, to the nearest \$100. Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 5
Drug asset forfeiture receipts of sheriffs' offices, by size of population served, 2006

	_	Value of	money, goods, and propert	ty received
Population served	Agencies with receipts	Total	Per agency*	Per sworn deputy*
All sizes	46%	\$231,294,000	\$167,700	\$1,880
1,000,000 or more	70	19,125,000	896,200	590
500,000-999,999	69	22,043,000	545,100	1,390
250,000-499,999	63	45,395,000	592,100	2,470
100,000-249,999	56	51,720,000	295,900	2,300
50,000- 99,999	62	43,490,000	152,200	2,480
25,000–49,999	49	27,307,000	102,100	3,090
10,000–24,999	42	14,662,000	40,800	2,310
Under 10,000	24	7,552,000	49,300	6,540

Note: Based on asset forfeiture receipts during calendar year 2006. The value of goods and property is based on estimates provided by reporting agencies. Computation of per deputy averages includes both full-time and part-time employees, with a weight of 0.5 assigned to part-time employees. Missing 5.9% of cases. Total data are rounded to the nearest \$1,000; per agency data, to the nearest \$100; per deputy, to the nearest \$10.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007

**TABLE 6**Average base annual salary for selected full-time positions in sheriffs' offices, by size of population served, 2007

	Entry-lev	el deputy <sup>a</sup>	First-line s	supervisor <sup>b</sup>	She	eriff <sup>c</sup>
Population served	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
All sizes	\$31,100	\$37,900	\$38,700	\$46,100	\$62,400	\$68,600
1,000,000 or more	45,600	60,600	64,700	78,300	142,700	152,000
500,000-999,999	40,000	56,000	57,800	71,100	117,800	122,600
250,000-499,999	37,600	53,300	50,000	64,400	103,100	112,700
100,000-249,999	36,100	46,700	47,100	58,600	86,900	94,800
50,000-99,999	32,500	41,600	40,000	49,700	69,000	79,300
25,000-49,999	30,300	35,700	36,900	42,000	61,900	66,800
10,000-24,999	29,100	34,500	35,100	41,300	54,500	58,300
Under 10,000	27,800	30,400	32,500	35,400	40,700	43,900

Note: Data are rounded to the nearest \$100.

<sup>\*</sup>Excludes offices without receipts.

<sup>&</sup>lt;sup>a</sup>Missing 3.5% of cases.

bMissing 3.8% of cases.

cMissing 6.1% of cases.

TABLE 7
Special pay and benefits for full-time sworn personnel in sheriffs' offices, by size of population served, 2007

	Percent of agencies authorizing—									
Population served	Collective bargaining	Tuition reimbursement	Education incentive pay	Merit pay	Shift differential pay	Special skills pay	Military service pay	Hazardous duty pay	Bilingual pay	Residency incentive pay
All sizes	28%	23%	20%	22%	22%	13%	16%	9%	5%	2%
1,000,000 or more	67	74	63	44	48	52	48	59	44	11
500,000-999,999	58	69	52	47	50	32	47	34	19	
250,000-499,999	55	63	45	48	53	37	33	24	17	3
100,000-249,999	51	45	39	41	41	23	18	13	13	3
50,000-99,999	43	28	32	33	29	8	16	10	4	2
25,000-49,999	28	17	14	18	20	13	21	8	3	3
10,000-24,999	19	12	13	15	16	11	12	6	1	1
Under 10,000	9	14	5	9	9	5	7	3	3	2

<sup>--</sup>Less than 0.5%.

**TABLE 8**Education requirements for new deputies in sheriffs' offices, by size of population served, 2007

Population served	Agencies with a requirement	High school diploma	Some college*	2-year college degree	4-year college degree
All sizes	99%	89%	3%	7%	%
1,000,000 or more	96%	78	15	4	
500,000-999,999	100%	83	8	6	4
250,000–499,999	100%	90	2	6	2
100,000-249,999	100%	81	5	13	
50,000-99,999	98%	85	3	10	
25,000–49,999	98%	89	2	7	
10,000-24,999	99%	89	3	6	
Under 10,000	99%	94	2	4	

Note: Detail may not sum to total due to rounding.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 9

Background and record check methods used in selection of new deputy recruits in sheriffs' offices, by size of population served, 2007

Population served	Criminal record check	Background investigation	Driving record check	Credit history check
All sizes	99%	98%	98%	50%
1,000,000 or more	100	96	100	85
500,000-999,999	100	100	100	83
250,000-499,999	100	100	100	70
100,000-249,999	100	100	98	71
50,000-99,999	99	100	100	67
25,000-49,999	99	97	98	49
10,000-24,999	99	96	96	39
Under 10,000	99	98	99	35

 $<sup>{\</sup>rm *Nondegree}\ requirements.$ 

<sup>--</sup>Less than 0.5%.

TABLE 10
Personal attribute screening methods used in the selection of new deputy recruits in sheriffs' offices, by size of population served, 2007

	Percent of agencies requiring—								
Population served	Personal interview	Psychological evaluation	Written aptitude test	Personality inventory	Polygraph exam	Voice stress analyzer			
All sizes	99%	62%	46%	41%	24%	7%			
1,000,000 or more	96	93	89	63	67	19			
500,000-999,999	100	100	81	56	69	11			
250,000-499,999	100	82	75	56	45	16			
100,000-249,999	100	75	64	46	48	18			
50,000-99,999	99	79	59	41	28	8			
25,000-49,999	99	57	39	43	24	6			
10,000-24,999	99	54	42	37	18	4			
Under 10,000	98	47	26	35	8	2			

TABLE 11
Physical attribute screening methods used in the selection of new deputy recruits in sheriffs' offices, by size of population served, 2007

	Percent of agencies requiring—					
Population served	Medical exam	Drug test	Physical agility test			
All sizes	88%	80%	56%			
1,000,000 or more	100	81	96			
500,000-999,999	98	100	85			
250,000-499,999	94	92	79			
100,000-249,999	90	81	72			
50,000-99,999	93	87	61			
25,000-49,999	88	85	53			
10,000-24,999	88	80	57			
Under 10,000	81	67	36			

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 12**Screening methods related to community policing used in the selection of new deputy recruits for sheriffs' offices, by size of population served, 2007

		Percent of departments assessing—							
Population served	Analytical problem-solving	Volunteer/community service history check	Understanding of culturally diverse populations	Mediation/conflict management skills					
All sizes	24%	13%	14%	13%					
1,000,000 or more	41	22	19	15					
500,000-999,999	47	29	31	26					
250,000-499,999	28	17	11	9					
100,000-249,999	25	20	15	11					
50,000-99,999	29	17	13	15					
25,000-49,999	22	10	10	12					
10,000-24,999	24	11	15	13					
Under 10,000	20	11	16	12					

TABLE 13
Workplace policies of sheriffs' offices, by size of population served, 2007

Population served	Code of conduct and appearance	Off-duty conduct	Off-duty employment	Employee counseling assistance	Maximum work hours allowed
All sizes	97%	91%	84%	63%	58%
1,000,000 or more	100	100	100	100	81
500,000-999,999	100	98	98	94	73
250,000-499,999	100	100	93	89	70
100,000-249,999	100	95	95	82	70
50,000-99,999	100	99	95	75	61
25,000-49,999	100	97	93	65	64
10,000-24,999	94	87	79	54	54
Under 10,000	92	79	64	47	46

**TABLE 14**Training requirements for new deputy recruits in sheriffs' offices, by size of population served, 2007

Population served	Total	Academy	Field
All sizes	894 hours	582 hours	312 hours
1,000,000 or more	1,476	795	681
500,000-999,999	1,215	767	448
250,000-499,999	1,104	670	434
100,000-249,999	1,081	637	444
50,000-99,999	989	626	363
25,000-49,999	885	561	324
10,000-24,999	807	545	262
Under 10,000	754	545	209

Note: Excludes sheriffs' offices not requiring training. Missing 2.1% of cases. Source: Bureau of Justice Statistics, Law Enforcement Management and

Administrative Statistics survey, 2007.

TABLE 15
In-service training requirements for sworn personnel in sheriffs' offices, by size of population served, 2007

Population served	Percent with requirement	Average number of hours required
All sizes	94%	45 hours
1,000,000 or more	93	50
500,000-999,999	98	33
250,000-499,999	100	53
100,000-249,999	100	52
50,000-99,999	94	38
25,000-49,999	92	35
10,000-24,999	92	48
Under 10,000	91	52

Note: Excludes sheriffs' offices not requiring training.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 16**Race and ethnicity of full-time sworn personnel in sheriffs' offices, by size of population served, 2007

			Black/African	Hispanic/	Asian/other	American Indian/	Two or
Population served	Total	White*	American*	Latino	Pacific Islander*	Alaska Native*	more races*
All sizes	100%	81.1%	9.0%	8.0%	1.1%	0.4%	0.3%
1,000,000 or more	100%	65.7	11.8	18.8	3.2	0.3	0.2
500,000-999,999	100%	76.8	10.8	10.5	1.3	0.6	0.1
250,000-499,999	100%	83.1	9.7	5.9	0.8	0.3	0.2
100,000-249,999	100%	87.7	7.6	2.9	0.4	0.4	1.0
50,000-99,999	100%	91.3	5.5	2.5	0.3	0.3	0.1
25,000-49,999	100%	87.6	7.8	3.8	0.2	0.6	0.1
10,000-24,999	100%	87.6	9.3	2.2	0.1	0.7	0.1
Under 10,000	100%	90.8	2.9	5.0		0.7	0.5

Note: Missing 2.6% of cases.

<sup>\*</sup>Excludes persons of Hispanic or Latino origin.

<sup>--</sup>Less than 0.05%.

TABLE 17
Sex of full-time sworn personnel in sheriffs' offices, by size of population served, 2007

Population served	Total	Male	Female
All sizes	100%	87.9%	12.1%
1,000,000 or more	100%	84.8	15.2
500,000-999,999	100%	85.9	14.1
250,000-499,999	100%	86.3	13.7
100,000-249,999	100%	88.4	11.6
50,000-99,999	100%	90.4	9.6
25,000-49,999	100%	91.3	8.7
10,000-24,999	100%	92.4	7.6
Under 10,000	100%	94.1	5.9

TABLE 18
Sheriffs' deputies assigned to respond to calls for service, by size of population served, 2007

Population served	Percent of full-time sworn personnel
All sizes	57%
1,000,000 or more	44
500,000-999,999	50
250,000-499,999	52
100,000-249,999	59
50,000-99,999	59
25,000-49,999	70
10,000-24,999	83
Under 10,000	91

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 19**Emergency 9-1-1 system participation of sheriffs' offices, by size of population served, 2007

Population served	Total	Enhanced	Basic
All sizes	95%	78%	16%
1,000,000 or more	93	81	11
500,000-999,999	84	82	2
250,000-499,999	88	82	6
100,000-249,999	92	87	5
50,000-99,999	97	85	12
25,000-49,999	96	87	9
10,000-24,999	94	77	17
Under 10,000	95	62	33

Note: Participating agencies are those whose units can be dispatched as the result of a call to 9-1-1. Detail may not sum to total due to rounding.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 20**Wireless capabilities of emergency 9-1-1 systems in sheriffs' offices, by size of population served, 2007

Emergency 9-1-1 systems can display wireless callers'—

Population served	Phone number	Exact location	General location
All sizes	84%	30%	67%
1,000,000 or more	92	44	76
500,000-999,999	98	35	84
250,000-499,999	87	26	77
100,000-249,999	93	33	78
50,000-99,999	86	32	68
25,000-49,999	83	20	75
10,000-24,999	86	38	67
Under 10,000	76	25	49

Note: Missing 1.1% of cases.

TABLE 21
Types of regularly scheduled patrols other than automobile used by sheriffs' offices, by size of population served, 2007

Population served	Foot	Marine	Bicycle	Motorcycle	Air	Horse	Transporter
All sizes	25%	23%	9%	9%	7%	4%	2%
1,000,000 or more	44	63	67	81	59	41	22
500,000-999,999	44	42	42	61	31	17	8
250,000-499,999	28	50	42	34	30	17	5
100,000-249,999	23	41	22	25	12	4	1
50,000-99,999	25	37	10	11	3	4	3
25,000-49,999	25	23	5	3	4	2	1
10,000-24,999	19	14	4	1	4	3	2
Under 10,000	29	9	1		4	2	

<sup>--</sup> Less than 0.5%.

**TABLE 22**Special population and situational policies of sheriffs' offices, by size of population served, 2007

			P	ercent of agenci	es with written policy on—		
Population served	Domestic disputes	Juveniles	Mentally ill persons	Racial profiling	Persons with limited English proficiency	Homeless persons	Checking immigration status
All sizes	89%	88%	74%	71%	36%	28%	28%
1,000,000 or more	96	100	85	70	59	44	41
500,000-999,999	94	98	84	85	36	21	31
250,000-499,999	87	92	81	70	36	20	25
100,000-249,999	89	92	85	75	46	24	27
50,000-99,999	88	89	83	63	33	25	28
25,000-49,999	93	92	75	72	35	30	31
10,000-24,999	89	85	68	69	37	29	25
Under 10,000	86	83	66	76	34	32	30

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 23
Number of motorized land vehicles operated by sheriffs' offices and percent unmarked, by size of population served, 2007

	Auto	mobiles	Other 4-w	Motorcycles*	
Population served	Number operated	Percent unmarked	Number operated	Percent unmarked	Number operated
All sizes	121,837	32%	36,172	45%	2,228
1,000,000 or more	21,655	44	7,732	55	681
500,000-999,999	12,676	41	3,731	49	357
250,000-499,999	15,988	35	5,197	46	412
100,000-249,999	25,268	32	6,438	44	424
50,000-99,999	18,646	27	4,613	45	251
25,000-49,999	13,909	24	3,299	38	68
10,000-24,999	10,576	20	3,401	41	24
Under 10,000	3,119	15	1,760	24	10

<sup>\*</sup>Percent of unmarked motorcycles not collected in survey.

**TABLE 24**Motorized vehicles operated by sheriffs' offices, by size of population served, 2007

	Aut	omobiles	Other 4-wheel vehicles		Motorcycles	
Population served	Percent	Number per 100 deputies*	Percent	Number per 100 deputies*	Percent	Number per 100 deputies*
All sizes	97%	68	90%	20	14%	1%
1,000,000 or more	100	51	100	18	81	2
500,000-999,999	100	64	100	19	76	2
250,000-499,999	100	66	99	21	49	2
100,000-249,999	100	78	98	20	41	1
50,000-99,999	100	73	98	18	19	1
25,000-49,999	100	84	94	20	8	
10,000-24,999	99	80	86	26	2	
Under 10,000	88	73	78	41	2	

<sup>\*</sup>Includes both full-time and part-time deputies, with part-time deputies weighted by 0.5.

Percent of agencies with policy

**TABLE 25**Vehicle use policies for sworn personnel in sheriffs' offices, by size of population served, 2007

	allowing marked vehicles to be—					
Population served	Driven home	Used for personal errands	Operated outside the jurisdiction			
All sizes	93%	25%	16%			
1,000,000 or more	70	21	42			
500,000-999,999	85	30	27			
250,000-499,999	82	33	28			
100,000-249,999	83	22	19			
50,000-99,999	87	23	14			
25,000-49,999	93	29	23			
10,000-24,999	98	25	13			
Under 10 000	98	24	12			

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 26
Off-land vehicles operated by sheriffs' offices, by size of population served, 2007

Population served	Boats	Helicopters	Airplanes
All sizes	36%	4%	3%
1,000,000 or more	81	59	33
500,000-999,999	61	25	23
250,000-499,999	59	28	15
100,000-249,999	61	9	7
50,000-99,999	53	3	3
25,000-49,999	34	2	2
10,000-24,999	29	1	1
Under 10,000	15	1	1

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 27
Use of animals by sheriffs' offices for law enforcement purposes, by size of population served, 2007

Population served	Dogs	Horses
All sizes	57%	5%
1,000,000 or more	96	52
500,000-999,999	94	21
250,000-499,999	81	21
100,000-249,999	83	10
50,000-99,999	64	4
25,000-49,999	64	3
10,000-24,999	49	2
Under 10,000	33	
Loss than 0 50/		

-- Less than 0.5%

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 28

Types of sidearms authorized for use by sworn personnel in sheriffs' offices, by size of population served, 2007

	Semi-au	Semi-automatic Revolver		olver
Population served	Primary	Backup	Primary	Backup
All sizes	100%	80%	22%	52%
1,000,000 or more	100	89	33	48
500,000-999,999	100	87	19	27
250,000-499,999	100	74	26	51
100,000-249,999	100	83	13	58
50,000-99,999	100	78	14	55
25,000-49,999	100	86	19	59
10,000-24,999	100	80	23	50
Under 10.000	100	77	31	47

<sup>--</sup>Less than 0.5%.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 29**Types of batons authorized for use by sworn personnel in sheriffs' offices, by size of population served, 2007

Population served	Any type	Collapsible	Traditional	PR-24
All sizes	90%	85%	39%	27%
1,000,000 or more	100	96	67	30
500,000-999,999	96	94	45	29
250,000-499,999	97	96	35	23
100,000-249,999	94	92	39	24
50,000-99,999	88	83	47	26
25,000-49,999	89	79	32	27
10,000-24,999	89	84	40	28
Under 10,000	90	88	36	26

TABLE 30
Less-than-lethal weapons authorized for use by a majority of sheriffs' offices, by size of population served, 2007

Population served	Pepper spray	Baton	Conducted energy device*
All sizes	96%	90%	66%
1,000,000 or more	96	100	78
500,000-999,999	100	96	81
250,000-499,999	100	97	77
100,000-249,999	99	94	80
50,000-99,999	98	88	71
25,000-49,999	98	89	70
10,000-24,999	98	89	67
Under 10,000	89	90	49

<sup>\*</sup>Includes tasers and stun guns.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 31
Less-than-lethal weapons or actions authorized for use by fewer than half of sheriffs' offices, by size of population served, 2007

Population served	Soft projectile	Hold or neck restraint	Rubber bullet	Blackjack/ slapjack
All sizes	34%	17%	14%	2%
1,000,000 or more	67	44	41	4
500,000-999,999	50	23	15	2
250,000-499,999	58	21	28	
100,000-249,999	62	13	23	
50,000-99,999	50	18	19	1
25,000-49,999	33	12	14	
10,000-24,999	21	17	10	4
Under 10,000	20	22	9	2

<sup>--</sup>Less than 0.5%.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 32
Use-of-force policies and procedures in sheriffs' offices, by size of population served, 2007

Population served	Deadly force	Less-than-lethal force	Outside review required for complaints	Citizen complaint review board (CCRB)	Independent CCRB with subpoena powers
All sizes	97%	96%	33%	3%	1%
1,000,000 or more	100	100	44	15	
500,000-999,999	100	100	51	2	
250,000-499,999	100	100	31	7	
100,000-249,999	100	100	39	3	
50,000-99,999	100	98	32		
25,000-49,999	100	99	29	4	1
10,000-24,999	95	94	30	5	2
Under 10,000	94	91	38	2	1

<sup>--</sup>Less than 0.5%.

TABLE 33
Body armor requirements for field officers in sheriffs' offices, by size of population served, 2007

Percent of agencies requiring deputies to wear protective armor—

Population served	Required	At all times	In some circumstances	
All sizes	73%	57%	15%	
1,000,000 or more	78%	52	26	
500,000-999,999	89%	73	15	
250,000-499,999	70%	50	20	
100,000-249,999	76%	62	14	
50,000-99,999	74%	65	9	
25,000-49,999	78%	66	12	
10,000-24,999	69%	52	18	
Under 10,000	69%	50	19	

Note: Detail may not sum to total due to rounding.

Source: Bureau of Justice Statistics, Law Enforcement Management and

Administrative Statistics survey, 2007.

TABLE 34
Use of video cameras by sheriffs' offices, by size of population served, 2007

Percent of agencies using each type of video camera Percent regularly using video cameras Fixed-site surveillance Population served In patrol cars Mobile surveillance All sizes 71% 67% 16% 13% 1,000,000 or more 78 59 19 41 500,000-999,999 29 63 52 17 250,000-499,999 72 17 27 64 100,000-249,999 76 69 19 15 50,000-99,999 71 67 19 12 25,000-49,999 68 64 14 15 10,000-24,999 69 66 20 9 Under 10,000 74 74 7 11

Note: Missing 1.1% of cases.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 35**General functions of computers in sheriffs' offices, by size of population served, 2007

Population served	Records management	Dispatch	Automated booking	Crime investigation	Personnel records	Information sharing	Fleet management	Resource allocation
All sizes	81%	69%	66%	66%	58%	53%	36%	23%
1,000,000 or more	100	96	93	96	89	89	89	67
500,000-999,999	94	89	78	78	87	79	78	38
250,000-499,999	88	86	78	70	78	68	65	36
100,000-249,999	99	83	82	81	80	74	65	37
50,000-99,999	87	77	74	77	53	58	47	31
25,000-49,999	84	74	73	69	61	52	36	22
10,000-24,999	78	70	65	61	56	46	25	16
Under 10,000	67	43	44	53	43	43	16	15

TABLE 36
Analytic functions of computers in sheriffs' offices, by size of population served, 2007

Population served	Intelligence gathering	Crime analysis	Crime mapping	Analysis of community problems	Hotspot identification
All sizes	47%	36%	29%	21%	13%
1,000,000 or more	81	81	78	59	52
500,000-999,999	65	71	63	52	44
250,000-499,999	64	66	55	43	30
100,000-249,999	66	66	58	38	33
50,000-99,999	51	47	41	30	18
25,000-49,999	46	34	27	19	8
10,000-24,999	40	25	19	13	7
Under 10,000	40	20	9	9	4

TABLE 37
Types of in-field computers or terminals used by sheriffs' offices, by size of population served, 2007

Population served	Any type	Portable with docking station	Vehicle-mounted	Portable nondocking
All sizes	53%	32%	20%	18%
1,000,000 or more	96	70	63	59
500,000-999,999	96	66	42	50
250,000-499,999	86	62	31	31
100,000-249,999	85	55	33	34
50,000-99,999	66	42	25	26
25,000-49,999	49	27	13	18
10,000–24,999	43	25	18	12
Under 10,000	30	15	14	5

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 38
Use of in-field computers or terminals by sheriffs' offices, by size of population served, 2007

Population served	Percent of agencies using	Average number in use <sup>a</sup>	Per 100 sworn deputies <sup>a, b</sup>
All sizes	53%	42	47
1,000,000 or more	96	571	42
500,000-999,999	96	161	48
250,000-499,999	86	106	50
100,000-249,999	85	54	48
50,000-99,999	66	24	42
25,000-49,999	49	14	49
10,000-24,999	43	9	58
Under 10,000	30	5	82

<sup>&</sup>lt;sup>a</sup>Excludes sheriffs' offices not using in-field computers or terminals.

 $Source: Bureau\ of\ Justice\ Statistics, Law\ Enforcement\ Management\ and\ Administrative\ Statistics\ survey,\ 2007.$ 

TABLE 39
Use of in-field computers for reports and communications by sheriffs' offices, by size of population served, 2007

Population served	Field reports	Communications
All sizes	51%	32%
1,000,000 or more	93	89
500,000-999,999	73	79
250,000-499,999	66	55
100,000-249,999	73	67
50,000-99,999	62	45
25,000-49,999	40	23
10,000-24,999	44	26
Under 10,000	43	13

 $<sup>^{\</sup>rm b}$  Includes both full-time and part-time deputies, with part-time deputies weighted by 0.5.

**TABLE 40**Types of computerized information accessible to in-field deputies in sheriffs' offices, by size of population served, 2007

Population served	Vehicle records	Driving records	Warrants	Protection orders	Interagency information sharing	Internet	Criminal history records	Calls for service history	Crime maps
All sizes	37%	36%	35%	29%	28%	28%	24%	22%	14%
1,000,000 or more	96	96	93	85	70	67	78	78	52
500,000-999,999	94	92	94	77	66	55	77	68	34
250,000-499,999	80	78	80	66	49	47	62	56	36
100,000-249,999	73	71	68	58	59	41	51	54	26
50,000-99,999	55	54	52	44	38	36	37	32	18
25,000-49,999	30	28	24	21	25	21	14	17	12
10,000-24,999	24	20	20	18	18	25	14	11	8
Under 10,000	16	15	16	12	12	17	10	5	7

TABLE 41
Methods used by sheriffs' offices for transmitting criminal incident reports to a central information system, by size of population served, 2007

Population served	Total	Computer/ data device	Paper report	Voice
All sizes	100%	56%	40%	4%
1,000,000 or more	100%	59	37	4
500,000-999,999	100%	64	30	6
250,000-499,999	100%	51	45	5
100,000-249,999	100%	58	36	6
50,000-99,999	100%	54	42	5
25,000-49,999	100%	65	33	2
10,000-24,999	100%	59	37	4
Under 10,000	100%	47	50	3

Note: Detail may not sum to total due to rounding.

Source: Bureau of Justice Statistics, Law Enforcement Management and

Administrative Statistics survey, 2007.

**TABLE 42**Automated Fingerprint Identification Systems (AFIS) in sheriffs' offices, by size of population served, 2007

Population served	Total with access	Exclusive/shared owner	Remote terminal access	Access through other agency
All sizes	71%	38%	9%	26%
1,000,000 or more	100	67	30	26
500,000-999,999	100	67	21	24
250,000-499,999	87	61	8	21
100,000-249,999	85	53	14	23
50,000-99,999	81	48	14	22
25,000-49,999	79	40	10	31
10,000-24,999	62	33	5	24
Under 10,000	53	19	6	29

**TABLE 43**Community policing policies of sheriffs' offices, by size of population served, 2007

Population served	Mission statement with community policing component	Formal written community policing plan
All sizes	38%	10%
1,000,000 or more	81	37
500,000-999,999	61	29
250,000-499,999	57	29
100,000-249,999	54	12
50,000-99,999	43	13
25,000-49,999	37	8
10,000-24,999	31	8
Under 10,000	27	5

**TABLE 44**Community policing training for new deputy recruits in sheriffs' offices, by size of population served, 2007

Population served	Total	All recruits	Some recruits
All sizes	40%	29%	11%
1,000,000 or more	70	56	15
500,000-999,999	73	59	14
250,000-499,999	60	46	14
100,000-249,999	51	39	12
50,000-99,999	51	39	12
25,000-49,999	41	27	14
10,000-24,999	34	25	9
Under 10,000	25	19	6

Note: Only includes agency personnel who received 8 or more hours of training in community policing. Detail may not sum to total due to rounding.

 $Source: Bureau\ of\ Justice\ Statistics, Law\ Enforcement\ Management\ and\ Administrative\ Statistics\ survey,\ 2007.$ 

**TABLE 45**Community-oriented policies for patrol officers in sheriffs' offices, by size of population served, 2007

		Patrol officer involvement in problem-solving projects		
Population served	Geographic assignments for patrol officers	Actively encouraged	Included in performance evaluation	
All sizes	38%	13%	10%	
1,000,000 or more	70	37	30	
500,000-999,999	65	31	21	
250,000-499,999	65	27	21	
100,000-249,999	55	28	15	
50,000-99,999	56	11	10	
25,000-49,999	36	16	5	
10,000-24,999	33	8	12	
Under 10,000	14	7	3	

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

TABLE 46
Community policing activities of sheriffs' offices, by size of population served, 2007

Percent of agencies that— Partnered with citizen Upgraded technology Conducted a citizen Conducted or sponsored Population served citizen surveys groups to elicit feedback for community policing police academy All sizes 33% 23% 11% 10% 1,000,000 or more 78 48 63 52 500,000-999,999 59 48 53 32 50 21 250,000-499,999 41 48 55 25 21 100,000-249,999 35 40 50,000-99,999 16 10 24 25,000-49,999 34 17 9 6 10,000-24,999 28 24 2 9 Under 10,000 15 15 4

**TABLE 47**Full-time community policing officers and units in sheriffs' offices, by size of population served, 2007

Population served	Percent of agencies using	Total number of deputies*	Average number of deputies *	Separate full-time unit
All sizes	43%	16,598	13	12%
1,000,000 or more	89	4,269	158	52
500,000-999,999	78	1,668	36	50
250,000-499,999	68	2,304	28	34
100,000-249,999	65	1,846	9	23
50,000-99,999	45	2,375	11	9
25,000-49,999	33	953	5	9
10,000-24,999	35	2,169	7	6
Under 10,000	39	1,014	4	8

<sup>\*</sup>Excludes sheriffs' offices that do not have full-time sworn personnel serving as community policing officers.

**TABLE 48**Full-time school resource officers in sheriffs' offices, by size of population served, 2007

Population served	Percent of agencies	Total number of deputies	Average number of deputies per agency*
All sizes	50%	6,032	4
1,000,000 or more	85	589	23
500,000-999,999	71	429	10
250,000-499,999	69	873	10
100,000-249,999	73	1,231	5
50,000-99,999	60	1,137	4
25,000-49,999	56	672	2
10,000-24,999	43	700	2
Under 10,000	27	402	2

<sup>\*</sup>Excludes sheriffs' offices that do not have full-time sworn personnel serving as school resource offices.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 49**Drug task force participation of sheriffs' offices, by size of population served, 2007

	Deputies assigned full-time or part-time		Deputies assigned	s I full-time
Population served	Percent of agencies	Number of deputies	Percent of agencies	Number of deputies
All sizes	58%	5,678	51%	4,930
1,000,000 or more	96	1,222	96	1,214
500,000-999,999	77	383	77	356
250,000-499,999	83	453	82	446
100,000-249,999	74	815	67	744
50,000-99,999	79	957	74	785
25,000-49,999	74	838	65	651
10,000-24,999	47	680	38	494
Under 10,000	27	330	20	239

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 50**Gang task force participation of sheriffs' offices, by size of population served, 2007

	Deputies assigned full-time or part-time		Deputies assigned full-time		
Population served	Percent of agencies	Number of deputies	Percent of agencies	Number of deputies	
All sizes	16%	2,043	10%	1,640	
1,000,000 or more	78	964	70	948	
500,000-999,999	55	166	44	144	
250,000-499,999	44	153	33	124	
100,000-249,999	36	244	23	164	
50,000-99,999	23	208	9	82	
25,000-49,999	12	154	8	82	
10,000-24,999	7	77	4	43	
Under 10,000	5	77	4	53	

TABLE 51
Human trafficking task force participation of sheriffs' offices, by size of population served, 2007

	Deputies assigned full-time or part-time		Deputies full-time	sassigned
Population served	Percent of agencies	Number of deputies	Percent of agencies	Number of deputies
All sizes	4%	324	3%	272
1,000,000 or more	22	91	15	88
500,000-999,999	21	30	15	21
250,000-499,999	4	20	4	20
100,000-249,999	5	27	4	12
50,000-99,999	4	26	3	21
25,000-49,999	3	33	2	24
10,000-24,999	1	19	1	19
Under 10,000	5	77	4	67

TABLE 52
Anti-terrorism task force participation of sheriffs' offices, by size of population served, 2007

	Deputies assigned full-time or part-time		Deputies assigned full-time		
Population served	Percent of agencies	Number of deputies	Percent of agencies	Number of deputies	
All sizes	14%	866	8%	541	
1,000,000 or more	93	121	78	110	
500,000-999,999	63	131	57	83	
250,000-499,999	49	135	32	69	
100,000-249,999	21	90	13	42	
50,000-99,999	15	91	7	40	
25,000-49,999	9	75	5	51	
10,000-24,999	6	79	2	36	
Under 10,000	8	143	5	110	

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 53**Preparedness activities of sheriffs' offices, by size of population served, 2007

Population served	Participated in emergency preparedness exercises	Increased officer presence at critical areas	Held community meetings on homeland security	Disseminated information to increase citizen preparedness	Partnered with culturally diverse populations	Conducted a public anti-fear campaign
All sizes	80%	45%	39%	35%	13%	5%
1,000,000 or more	89	81	63	63	48	22
500,000-999,999	98	75	53	65	44	13
250,000-499,999	93	57	39	52	22	10
100,000-249,999	89	60	50	47	16	4
50,000-99,999	91	50	38	42	12	3
25,000-49,999	78	47	32	31	7	4
10,000-24,999	75	38	38	28	13	6
Under 10,000	72	36	40	29	9	4

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

**TABLE 54**Full-time intelligence personnel in sheriffs' offices with primary duties related to terrorist activities, by size of population served, 2007

		Sworn	personnel		Nonswo	orn personnel
Population served	Percent of agencies	Total number	Average number*	Percent of agencies	Total number	Average number*
All sizes	17%	1,842	4	3%	169	2
1,000,000 or more	89	222	8	48	36	2
500,000-999,999	71	112	3	17	28	3
250,000-499,999	41	99	2	5	18	3
100,000-249,999	23	123	2	5	30	2
50,000-99,999	12	480	9	1	13	2
25,000-49,999	15	354	4	3	25	2
10,000-24,999	9	177	2	2	15	1
Under 10,000	15	275	3	1	5	1

\*Excludes sheriffs' offices that do not have full-time intelligence personnel related to terrorist activities.

### Methodology

The Bureau of Justice Statistics (BJS) conducts the Law Enforcement Management and Administrative Statistics (LEMAS) survey every 3 to 4 years. The LEMAS survey is a nationally representative sample of state and local law enforcement agencies. Each agency received either a long (CJ-44L) or short (CJ-44S) LEMAS questionnaire. The two versions of the LEMAS questionnaire differ by nine items that apply primarily to large agencies. The survey was fielded from December 2007 through December 2008.

#### Sample design

Based on employment data from BJS's Census of State and Local Law Enforcement Agencies (CSLLEA) conducted in 2004, the original 2007 LEMAS survey sample included 3,224 state and local law enforcement agencies. (For more information, see *Census of State and Local Law Enforcement Agencies*, 2004, BJS website, NCJ 212749, June 2007.) The sample was designed to be representative of all general purpose state and local law enforcement agencies in the United States, with separate samples drawn for local police departments and sheriffs' offices. Agencies serving special jurisdictions (such as schools, airports, or parks) or with special enforcement responsibilities (such as hunting and fishing laws or alcohol laws) were considered out of scope for the survey.

Sheriffs' offices without primary law enforcement jurisdiction were also considered out of scope for the survey. Approximately 50 sheriffs' offices identified as performing jail functions or court-related functions or both did not have an area of primary law enforcement jurisdiction. These agencies were excluded from this report because this publication focuses entirely on factors related to law enforcement. In addition, some smaller sheriffs' offices were determined to have closed since the 2004 CSLLEA and were removed from the sample. After all out-of-scope and closed agencies were removed, the final sample size for the survey was 3,095.

The final sample included 950 self-representing (SR) agencies with 100 or more sworn personnel and 2,145 non-self-representing (NSR) agencies employing fewer than 100 personnel. The SR agencies included 591 local police departments, 310 sheriffs' offices, and 49 state law enforcement agencies. All 950 SR agencies received the 49-item CJ-44L questionnaire. The NSR agencies were selected using a stratified random sample with cells based on the number of sworn personnel. The NSR agencies were selected using a simple random sample. Overall, the NSR sample included 1,504 local police departments and 641 sheriffs' offices. All 2,145 NSR agencies received the 40-item CJ-44S questionnaire.

#### Agency response rate

A total of 2,804 agencies (91.8%) completed their LEMAS questionnaire. This included 879 SR agencies (92.5%) and 1,961 NSR agencies (91.4%). The response rate for local police departments was 93.9%; for sheriffs' offices, it was 87.0%; and for state law enforcement agencies, it was 91.8%. The final database included full responses from 1,968 local police departments, 827 sheriffs' offices, and 45 state agencies. As part of a final nonresponse follow-up effort, an additional 21 local police departments and 14 sheriffs' offices completed an abbreviated questionnaire consisting of the first page of the original survey form they received.

#### Weighting

In order to compare agencies with others serving similarly sized jurisdictions, this report presents statistics mainly by categories of population served. Additional overall percentages weighted by the number of officers employed are presented in the text and selected figures.

The base weight for all SR sheriffs' offices is 1. For NSR sheriffs' offices, the base weight is 4.22. For NSR sheriffs' offices, the base weight is determined by the number of sworn personnel employed as reported in the 2004 CSLLEA. The final weight associated with every agency (both SR and NSR) is the product of the base weight—a factor that adjusts for changes in the universe since 2004, and a factor that adjusts for any nonresponding agencies in each cell. For SR sheriffs' offices, the final weight is 1.12; and for NSR sheriffs' offices, it is 4.90.

To compute the deputy-based percentages in the report, the final weight for an agency is multiplied by the proportion of all full-time equivalent sworn officers employed by that agency. The number of full-time equivalent sworn officers is defined as the sum of the number of full-time sworn officers and half the number of part-time sworn officers.

#### Item nonresponse

For the 827 sheriffs' offices completing one of the two versions of the LEMAS questionnaire, item nonresponse rates due to omission or invalid data were low. For most categorical items, the nonresponse rate was 0%. Nonresponse is noted in tables when the percent of missing cases is greater than 1%.

#### **Imputations**

When an agency did not supply a response to a numeric item, median value imputation or ratio imputation was used. The median value imputations used the median value of an item reported in the 2007 survey by other agencies in the same sample cell. The ratio imputations used the median value of a ratio reported in the 2007 survey by other agencies in the same sample cell. Imputations were not used for categorical items.

For race and sex data, a cold-deck imputation process was used. The percentages represented in an agency's sworn personnel totals by each racial or ethnic or sex group in the 2003 LEMAS survey were applied to the 2007 sworn personnel totals. If 2003 data were not available, then a ratio imputation method was used.

#### **Accuracy of the estimates**

The accuracy of the estimates presented in this report depends on two types of error: sampling and nonsampling. Because sampling was used for smaller agencies, some of the statistics presented in this report are subject to sampling error. Sampling error is the variation that may occur by chance because a sample rather than a complete enumeration of the population was conducted. Nonsampling error can be attributed to many sources, such as the inability to obtain information about all cases in the sample, the inability to obtain complete and correct information from the administrative records, and processing errors. In any survey, the full extent of the nonsampling error is never known.

The sampling error, as measured by an estimated standard error, varies by the size of the estimate and the size of the base population. Statements of comparison have been tested at the 95%-confidence level. Estimates of the standard errors have been calculated for the 2007 survey (appendix table 2). These estimates may be used to construct confidence intervals around percentages in this report. For example, the 95%-confidence interval around the percentage of sheriffs' offices requiring deputies to wear protective armor at all times is approximately 3% (1.96 multiplied by 1.7%).

These standard errors may also be used to test the significance of the difference between two sample statistics by pooling the standard errors of the two sample estimates. For example, the standard error of the difference between departments serving fewer than 10,000 residents and those serving 10,000 to 24,999 residents for enhanced 9-1-1 would be 4.7% (or the square root of the sum of the squared standard errors for each group). The 95%-confidence interval around the difference would be 1.96 multiplied by 4.7% (or 9.3%). Since the difference of 15% (77% minus 62%) is greater than 9.3%, the difference would be considered statistically significant.

Standard error estimates may also be used to construct confidence intervals around numeric variables, such as personnel counts (appendix table 3). For example, the 95%-confidence interval around the number of full-time sworn personnel is approximately 172,241 plus or minus 1.96 multiplied by 4,243 or 163,925 to 180,557.

#### Abbreviated form responses

In the final phase of the data collection, all remaining nonrespondents were given the opportunity to complete an abbreviated questionnaire consisting of the first page of the original survey form they received. A total of 21 local police departments (5 SR and 16 NSR) and 14 sheriffs' offices (0 SR and 14 NSR) completed the abbreviated form. For analysis of the data that included these partial-form responses, slightly different weights were used. The adjusted partial-form weight for NSR sheriffs' offices is 4.78.

#### Dollar amounts adjusted for inflation

For comparison purposes, salary and budget data for 2003 were converted into 2007 dollars. This conversion was accomplished using Consumer Price Index data published by the Bureau of Labor Statistics.

**APPENDIX TABLE 1**Fifty largest sheriffs' offices in the United States, by number of full-time sworn personnel, 2007

		Full-time sw	orn personnel	nel Total full-ti	ime employees
	-		Per 10,000		Per 10,000
Name of department	County population*	Number	residents	Number	residents
Los Angeles County (CA) Sheriff's Department	9,734,700	7,614	8	16,214	17
Cook County (IL) Sheriff's Office	5,235,800	2,390	5	6,979	13
Harris County (TX) Sheriff's Office	3,909,200	2,379	6	3,036	8
San Diego County (CA) Sheriff's Department	2,975,700	2,184	7	3,756	13
Riverside County (CA) Sheriff's Department	2,055,900	1,889	9	3,489	17
Orange County (CA) Sheriff-Coroner Office	2,957,900	1,762	6	3,563	11
San Bernardino County (CA) Sheriff's Department	1,993,000	1,762	9	3,200	18
Broward County (FL) Sheriff's Office	1,747,000	1,675	10	6,191	35
Palm Beach County (FL) Sheriff's Office	1,264,600	1,438	11	3,534	28
Sacramento County (CA) Sheriff's Department	1,373,600	1,407	10	2,291	17
Bexar County (TX) Sheriff's Office	1,588,900	1,400	9	2,000	13
Orange County (FL) Sheriff's Office	1,066,100	1,346	13	1,972	18
Hillsborough County (FL) Sheriff's Office	1,169,900	1,225	10	3,662	31
Suffolk County (NY) Sheriff's Office	1,511,700	1,077	7	1,216	8
Alameda County (CA) Sheriff's Office	1,449,000	1,053	7	1,705	12
Wayne County (MI) Sheriff's Office	1,981,200	1,006	5	1,297	7
Pinellas County (FL) Sheriff's Office	912,800	940	10	2,874	31
East Baton Rouge Parish (LA) Sheriff's Office	430,700	848	20	848	20
Maricopa County (AZ) Sheriff's Office	3,873,000	818	2	3,850	10
Oakland County (MI) Sheriff's Office	1,201,700	793	7	893	7
Ventura County (CA) Sheriff's Department	789,700	755	10	1,207	15
Contra Costa County (CA) Sheriff's Office	1,010,500	736	7	1,121	11
King County (WA) Sheriff's Office	1,857,500	718	4	1,069	6
Passaic County (NJ) Sheriff's Office	487,100	691	14	791	16
Collier County (FL) Sheriff's Department	313,500	639	20	1,306	42
Lee County (FL) Sheriff's Office	585,300	596	10	1,430	24
Polk County (FL) Sheriff's Office	573,500	575	10	1,477	26
Kern County (CA) Sheriff's Office	784,700	554	7	1,148	15
Jefferson County (AL) Sheriff's Office	661,400	547	8	695	11
Jefferson County (CO) Sheriff's Office	528,400	546	10	777	15
St. Tammany Parish (LA) Sheriff's Office	226,300	526	23	653	29
Shelby County (TN) Sheriff's Office	920,000	519	6	1,973	21
Essex County (NJ) Sheriff's Office	769,100	510	7	547	7
Pima County (AZ) Sheriff's Department	996,600	503	5	1,372	14
Tulsa County (OK) Sheriff's Office	585,400	500	9	540	9
Johnson County (KS) Sheriff's Office	525,900	498	9	630	12
Milwaukee County (WI) Sheriff's Office	952,200	497	5	772	8
Brevard County (FL) Sheriff's Office	534,400	487	9	1,074	20
Orleans Parish (LA) Sheriff's Office	288,100	482	17	758	26
Pasco County (FL) Sheriff's Office	459,600	482	10	1,196	26
Fresno County (CA) Sheriff's Office	889,900	480	5	1,202	14
Santa Clara County (CA) Sheriff's Office	1,723,900	476	3	702	4
Richland County (SC) Sheriff's Department	360,200	473	13	626	17
Volusia County (FL) Sheriff's Office	498,800	470	9	784	16
Bergen County (NJ) Sheriff's Office	885,700	450	5	557	6
Dane County (WI) Sheriff's Office	476,300	449	9	550	12
Loudoun County (VA) Sheriff's Office	277,500	448	16	542	17
Manatee County (FL) Sheriff's Office	314,000	448	14	1,007	36
Dallas County (TX) Sheriff's Department	2,381,900	445	2	2088	9
Richmond County (GA) Sheriff's Office	197,300	439	22	688	35
*Pounded to the pearest 100	197,300	732		000	33

<sup>\*</sup>Rounded to the nearest 100.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007; U.S. Census Bureau, Annual Estimates of the Resident Population for U.S. Counties, April 1, 2007. U.S. Census Bureau, Population Division release date: March 2010.

# APPENDIX TABLE 2 Standard errors of the estimated percentages for sheriffs' offices, by size of population served, 2007

Population served	50-60%	61-70%	71-80%	81-90%	91–100%
All sizes <sup>b</sup>	1.7%	1.6%	1.5%	1.2%	0.5%
100,000-249,999	4.5	4.5	3.9	3.2	2.3
50,000-99,999	4.4	4.2	3.9	3.3	2.1
25,000-49,999	4.1	3.9	3.6	3.0	1.7
10,000-24,999	3.4	3.2	2.9	2.4	1.4
Under 10,000	3.9	3.7	3.4	2.8	1.8

Note: Excludes population categories of 250,000 or more because all cases in these groups were selected for the survey. Each specific standard error in the table is based on the approximate midpoint of the specified percentage range and may be applied to all dichotomous variables with a comparable percentage distribution.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

# APPENDIX TABLE 3 Standard errors for estimated personnel counts in sheriffs' offices, 2007

Number of employees	Survey estimate	Estimated standard error
Nulliber of elliployees	our vey estimate	Stanuaru error
Full-time	346,337	9,281
Part-time	22,747	904
Number of full-time employees		
Sworn	172,241	4,243
Civilian	174,096	5,561
Number of full-time sworn personnel		
Population served		
100,000-249,999	31,569	1,864
50,000–99,999	24,242	2,029
25,000–49,999	15,404	1,297
10,000–24,999	12,167	814
Under 10,000	3,936	388

Note: No standard errors are presented for population categories of 250,000 or more because all cases in these groups were selected for the survey.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

#### **APPENDIX TABLE 4**

## Standard errors for estimated operating budgets in sheriffs' offices, 2007

	Average annual operating budget			
Population served	Survey estimate	Standard error		
All sizes	\$9,962,000	\$369,745		
100,000-249,999	15,139,000	759,818		
50,000-99,999	7,095,000	325,209		
25,000-49,999	3,194,000	187,765		
10,000-24,999	1,659,000	83,388		
Under 10,000	657,000	64,223		

Note: Excludes population categories of 250,000 or more because all cases in these groups were selected for the survey. Each specific standard error in the table is based on the approximate midpoint of the specified percentage range and may be applied to all dichotomous variables with a comparable percentage distribution.

Source: Bureau of Justice Statistics, Law Enforcement Management and Administrative Statistics survey, 2007.

#### **APPENDIX TABLE 5**

## Standard errors for starting salaries for entry-level deputies in sheriffs' offices, 2007

	Average starting salary for entry-level deputies		
Population served	Survey estimate	Standard error	
All sizes	\$31,100	\$233	
100,000-249,999	36,100	598	
50,000-99,999	32,500	537	
25,000-49,999	30,300	544	
10,000-24,999	29,100	464	
Under 10,000	27,800	465	

Note: Excludes population categories of 250,000 or more because all cases in these groups were selected for the survey. Each specific standard error in the table is based on the approximate midpoint of the specified percentage range and may be applied to all dichotomous variables with a comparable percentage distribution.



The Bureau of Justice Statistics is the statistical agency of the U.S. Department of Justice. James P. Lynch is the director.

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