

Arrest Data Analysis Tool User's Guide

1. About the arrest data analysis tool	2
2. How to access the arrest data analysis tool	2
3. National arrest estimates	3
3.1. Annual tables of national arrest estimates	4
3.2. Trend graphs of national arrest estimates by sex	5
3.3. Trend tables of national arrest estimates by sex	6
3.4. Trend graphs of national arrest estimates by race	7
3.5. Trend tables of national arrest estimates by race	8
4. Agency-level arrest counts	9
4.1. Annual tables of agency-level arrest counts	9
4.2. Trend tables of agency-level arrest counts by sex	10
4.3. Trend tables of agency-level arrest counts by race	11
5. No results	12
6. Source of arrest data	13
7. Differences between national estimates and agency-level counts	13
8. For questions about the tool	14
9. How to cite data from this tool	14
10. Authors and contributors	14

1. About the arrest data analysis tool

This dynamic data analysis tool allows you to generate graphs and tables of arrest trends over the 30-year period from 1980 through 2009. You can view national arrest estimates, customized either by age and sex or by age group and race, for many different offenses. This tool also enables you to view agency-level arrest counts from local law enforcement agencies. Data are from the FBI's Uniform Crime Reporting Program (UCR) *Crime in the United States* series. BJS has expanded upon the FBI's data to provide the first publicly available national arrest estimates broken down by sex, age, and race.

2. How to access the arrest data analysis tool

You can access the arrest data tool from the BJS home page at <http://www.bjs.gov/>.

- Select Data Analysis Tools on the top navigation bar. Disregard the drop-down menu. Click once on the heading Data Analysis Tools (**Figure 1**).



Figure 1. BJS Home Page

- The All Data Analysis Tools page lists all BJS and partner data analysis tools. The arrest data analysis tool is the first item (**Figure 2**).



Figure 2. All Data Analysis Tools home page

- Select the Arrest Data Analysis Tool Home Page (Resource Link) found after the short description text under Arrest Data Analysis Tool. This will lead you to the arrest tool home page (Figure 3).

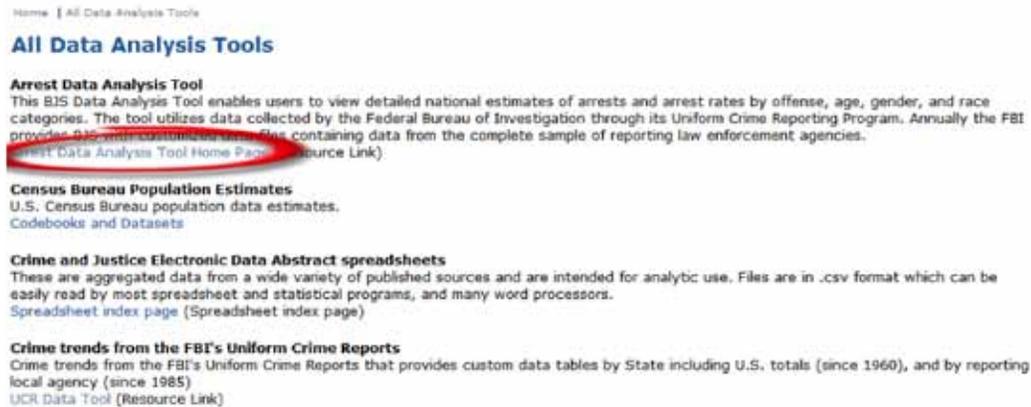


Figure 3. Arrest Data Analysis Tool home page link on the All Data Analysis Tools page

3. National arrest estimates

Select National Estimates from the arrest tool home page (Figure 4) to display the menu items. The first tab allows you to view annual tables of national arrest estimates. The other tabs enable you to create tables and graphs of arrest trends by offense, sex, and age of the offender or by offense, race, and age group (juvenile or adult) of the offender. Unfortunately, due to a limitation in the way that the FBI collects arrest data, you cannot view arrest trends by age, sex, and race.



Figure 4. National Estimates menu page

3.1. Annual tables of national arrest estimates

- Select Annual Tables from the National Estimates menu (Figure 5). Select the year and arrest characteristics that you would like to include in your analysis.

Figure 5. Selection form to create annual tables of national arrest estimates

- Select the Generate Results tab at the bottom of the form (Figure 5). You may need to wait for a few seconds as the results are generated.
- The results of the analysis are displayed in Figure 6.
- Scroll down the results page to see all of the offenses and the relevant footnotes. You may also need to scroll across the page to see additional demographic data and data export options.

Download Data:  

Arrests of Females by Age in the U.S., 2009

Offense	Total all ages	Ages under 18	Ages 18 and over	Ages under 10	10-12	13-14	Ages under 15	15	16	17	18-20
All Offenses	3,457,263	578,521	2,878,742	2,286	29,213	130,941	162,340	121,096	144,664	150,419	495,144
Homicide and Non-Negligent Manslaughter	1,509	98	1,223	0	1	9	10	11	36	30	160
Forcible Rape	293	62	221	1	12	18	21	11	10	10	49
Robbery	14,975	3,168	11,807	0	80	406	686	683	838	960	2,946
Aggravated Assault	92,432	12,312	80,120	66	805	3,005	3,877	2,619	2,952	2,863	10,431
Burglary	44,360	8,320	35,830	71	495	1,860	2,426	1,813	1,976	2,314	7,689
Larceny-Theft	380,322	144,320	436,000	490	7,281	29,997	38,059	26,294	27,033	40,943	104,400
Motor Vehicle Theft	14,218	3,383	11,154	4	80	790	874	849	870	771	2,083

Figure 6. Sample annual table of national arrest estimates

- Select the Excel () or PDF () icon to download the data in the applicable format. You may need to wait for a few seconds for the download dialog box to appear.

3.2. Trend graphs of national arrest estimates by sex

- Select Trend Graphs by Sex from the National Estimates menu (Figure 7). Select the age and sex of the offender, offenses, and years that you would like to include in your analysis.



The screenshot shows the 'Arrest Data Analysis Tool' interface. At the top, there are navigation tabs: 'Home', 'National Estimates', 'Agency-Level Counts', 'Methods', and 'Definitions'. Below these are sub-tabs: 'Annual Tables', 'Trend Graphs by Sex' (highlighted), 'Trend Tables by Sex', 'Trend Graphs by Race', and 'Trend Tables by Race'. The main form has three sections: 'Select one age' with a dropdown menu showing 'All Ages', 'All Juveniles (0-17)', 'All Adults' (selected), '<10', and '10-12'; 'Select one or more sex' with checkboxes for 'Both sexes' (checked), 'Male', and 'Female'; and 'Select one offense' with a dropdown menu showing 'All Offenses', 'Murder and Non-Negligent Manslaughter', 'Forcible Rape', 'Robbery', and 'Aggravated Assault'. At the bottom, there are three buttons: 'Make Counts Graph' (highlighted with a red arrow), 'Make Rates Graph', and 'Reset Form'.

Figure 7. Selection form to create trend graphs of national arrest estimates by sex

- Select the Make Counts Graph tab or the Make Rates Graph tab at the bottom of the form (Figure 7). You may need to wait for a few seconds as the results are generated.
- The results of the analysis are displayed in Figure 8.
- You may need to scroll down or across the results page to see the entire graph, including the footnotes.
- Select the Excel (📄) or PDF (📄) icon to download the data in the applicable format. Whether you choose rate estimates or count estimates, the exported data include counts, rates and annual population numbers. You may need to wait for a few seconds for the download dialog box to appear.

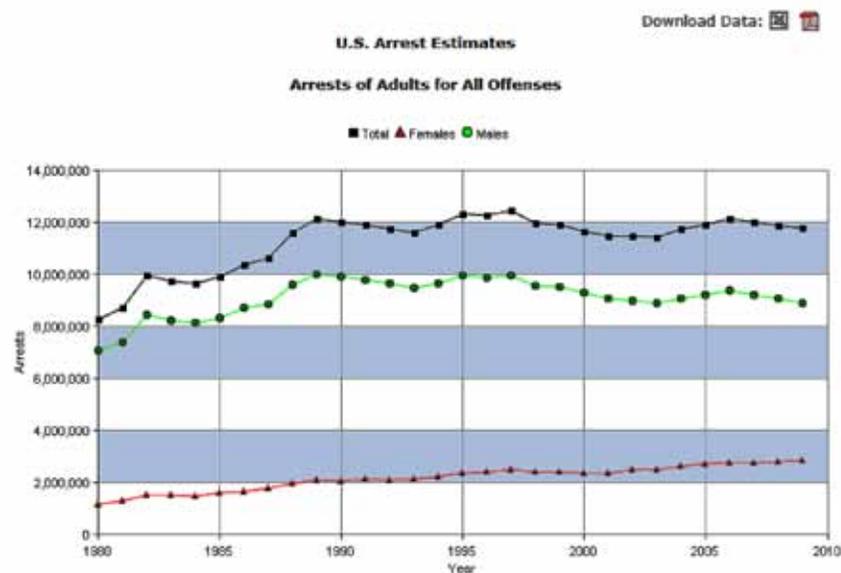


Figure 8. Sample trend graph of national arrest estimates by sex

3.3. Trend tables of national arrest estimates by sex

- Select Trend Tables by Sex from the National Estimates menu (Figure 9). Select the age and sex of the offender, offenses, and years that you would like to include in your analysis.

Figure 9. Selection form to create trend tables of national arrest estimates by sex

- Select the Make Counts Table tab or the Make Rates Table tab at the bottom of the form (Figure 9). You may need to wait for a few seconds as the results are generated.
- The results of the analysis are displayed in Figure 10.
- Scroll down the results page to see all of the offenses listed and the footnotes. You may also need to scroll across the page to see additional demographic data and data export options. The results include the annual population in the last row of the table.
- Select the Excel (📄) or PDF (📄) icon to download the data in the applicable format. You may need to wait for a few seconds for the download dialog box to appear.

U.S. Arrest Estimates Download Data: 📄 📄

Arrests of Males

Offense	2005	2006	2007	2008	2009
All Offenses	10,732,049	10,972,147	10,777,416	10,500,713	10,231,953
Murder and Non-Negligent Manslaughter	12,510	11,960	12,091	11,570	11,109
Forcible Rape	25,162	24,219	23,051	22,310	21,114
Robbery	101,926	111,510	112,079	114,439	111,750
Aggravated Assault	356,083	355,449	341,853	337,790	328,783
Burglary	256,002	261,392	260,160	264,091	254,991
Larceny-Theft	706,796	676,741	707,759	747,286	754,598
Motor Vehicle Theft	121,651	113,467	97,181	81,255	67,279
Arson	13,629	13,794	12,870	11,867	10,124
Other Assaults	980,544	978,497	975,907	965,235	976,422
Forgery and Counterfeiting	71,064	66,287	63,804	55,762	53,505
Population	145,560,767	147,060,702	148,612,102	150,074,226	151,449,490

Figure 10. Sample trend table of national arrest estimates by sex

3.4. Trend graphs of national arrest estimates by race

- Select Trend Graphs by Race from the National Estimates menu (Figure 11). Select the race and age group (juvenile or adult) of the offender, offenses, and years that you would like to include in your analysis.

The screenshot shows the 'Arrest Data Analysis Tool' interface. At the top, there are navigation tabs: 'Home', 'National Estimates', 'Agency-Level Counts', 'Methods', and 'Definitions'. Below these are sub-tabs: 'Annual Tables', 'Trend Graphs by Sex', 'Trend Tables by Sex', 'Trend Graphs by Race' (which is highlighted), and 'Trend Tables by Race'. The main form has three sections: 'Select one race' with radio buttons for 'All Races', 'White', 'Black', 'American Indian/Alaskan Native (AIAN)', and 'Asian/Pacific Islander (API)'; 'Select one or more age categories' with checkboxes for 'Both age groups', 'Juvenile', and 'Adult'; and 'Select one offense' with a dropdown menu showing 'All Offenses', 'Murder and Non-Negligent Manslaughter', 'Forcible Rape', 'Robbery', and 'Aggravated Assault'. At the bottom, there are three buttons: 'Make Counts Graph', 'Make Rates Graph', and 'Reset Form'. Red arrows point to the 'Trend Graphs by Race' tab and the 'Make Counts Graph' and 'Make Rates Graph' buttons.

Figure 11. Selection form to create trend graphs of national arrest estimates by race

- Select the Make Counts Graph tab or the Make Rates Graph tab at the bottom of the form (Figure 11). You may need to wait for a few seconds as the results are generated.
- The results of the analysis are displayed in Figure 12.
- You may need to scroll down or across the results page to see the entire graph, including the footnotes.
- Select the Excel (📄) or PDF (📄) icon to download the data in the applicable format. Whether you choose rate estimates or count estimates, the exported data include counts, rates and annual population numbers. You may need to wait for a few seconds for the download dialog box to appear.



Figure 12. Sample trend graph of national arrest estimates by race

3.5. Trend tables of national arrest estimates by race

- Select Trend Tables by Race from the National Estimates menu (Figure 13). Select the race and age group (juvenile or adult) of the offender, the offenses, and the years that you would like to include in your analysis.

Figure 13. Selection form to create trend tables of national arrest estimates by race

- Select the Make Counts Table or the Make Rates Table tab at the bottom of the form (Figure 13). You may need to wait for a few seconds as the results are generated.
- The results of the analysis are displayed in Figure 14.
- Scroll down the results page to see all of the offenses listed and the footnotes. You may also need to scroll across the page to see additional demographic data and data export options. The results include the annual population in the last row of the table.
- Select the Excel (📄) or PDF (📄) icon to download the data in the applicable format. You may need to wait for a few seconds for the download dialog box to appear.

U.S. Arrest Estimates Download Data: 📄 📄

Arrests of Adult Blacks

Offense	2005	2006	2007	2008	2009
All Offenses	3,238,011	3,306,753	3,273,728	3,262,703	3,235,077
Murder and Non-Negligent Manslaughter	6,098	6,024	6,004	5,705	5,383
Forcible Rape	6,953	6,698	6,379	5,937	5,699
Robbery	45,164	47,075	48,556	49,633	48,941
Aggravated Assault	127,572	127,517	121,870	122,015	120,310
Population	26,991,370	27,457,014	27,946,412	28,463,703	28,954,296

Figure 14. Sample trend table of national arrest estimates by race

4. Agency-level arrest counts

Select Agency-Level Counts from the arrest tool home page (Figure 15) to display the menu items. The first tab allows you to create annual tables of arrest counts for specific law enforcement agencies. The second tab lets you create trend tables of an agency's arrest counts, by offense, sex, and age of the offender. The third tab lets you create trend tables of an agency's arrest counts, by offense, race, and age group (juvenile or adult) of the offender. Unfortunately, due to a limitation in the way that the FBI collects arrest data, you cannot view arrest trends by age, sex, and race.



Figure 15. Agency-Level Counts menu page

4.1. Annual tables of agency-level arrest counts

- Select Annual Tables from the Agency-Level Counts menu (Figure 16). Select the state, law enforcement agency, year, and offender characteristics that you would like to include in your analysis.

Home | Data Analysis Tools

Arrest Data Analysis Tool

Home National Estimates Agency-Level Counts Methods Definitions

Annual Tables Trend Tables by Sex Trend Tables by Race

Select one state: Virginia, Washington, West Virginia, Wisconsin, Wyoming

Select one agency: Exmore Police Dept, Fairfax (City) Police Dept, Fairfax City State Pol, **Fairfax County Police Department**, Fairfax County Sheriff Office

Select one year: 2005, 2006, 2007, 2008, 2009

Select one table: Select table, **Offense By Age**, Offense By Age for Males, Offense By Age for Females, Offense By Age and Race

Generate Results Reset Form

Figure 16. Selection form to create annual tables of agency-level arrest counts

- Select the Generate Results tab at the bottom of the form (Figure 16). You may need to wait for a few seconds as the results are generated.
- The results of the analysis are displayed in Figure 17.
- Scroll down the results page to see all of the offenses and the relevant footnotes. You may also need to scroll across the page to see additional demographic data and data export options.

Download Data:  

Arrests by Age in Fairfax County Police Department, 2009

Offense	Total all ages	Ages under 18	Ages 18 and over	Ages under 10	10-12	13-14	Ages under 15	15	16	17	18-20
All Offenses	17,177	757	16,420	2	23	97	122	99	214	322	2,441
Murder and Non-Negligent Manslaughter	4	1	3	0	0	0	0	0	1	0	1
Forcible Rape	0	1	7	0	0	0	0	0	0	1	2
Robbery	50	2	56	0	0	0	0	0	0	2	19
Aggravated Assault	163	14	149	0	0	0	0	1	7	6	25
Burglary	196	7	189	0	0	2	2	1	3	1	56
Larceny-Theft	1,929	179	1,750	0	9	27	36	28	45	70	473
Motor Vehicle Theft	1	0	1	0	0	0	0	0	0	0	0

Figure 17. Sample annual table of agency-level arrest counts

- Select the Excel () or PDF () icon to download the data in the applicable format. You may need to wait for a few seconds for the download dialog box to appear.

4.2. Trend tables of agency-level arrest counts by sex

- Select Trend Tables by Sex from the Agency-Level Counts menu (Figure 18). Select the age and sex of offender, offenses, years, and the law enforcement agency that you would like to include in your analysis.

Home | Data Analysis Tools

Arrest Data Analysis Tool

Home National Estimates Agency-Level Counts Methods Definitions

Annual Tables Trend Tables by Sex Trend Tables by Race

Select one state: Utah, Vermont, Virginia, Washington, West Virginia

Select one agency: Fairfax (City) Police Dept, Fairfax City State Pol, Fairfax County Police Department, Fairfax County Sheriff Office, Fairfax State Police

Select one or more offenses: Robbery, Aggravated Assault, Burglary, Larceny-Theft, Motor Vehicle Theft

Select one or more years: 2005, 2006, 2007, 2008, 2009

Select one age: 25-29, 30-34, 35-39, 40-44, 45-49

Select one sex: Both sexes, Male, Female

Hold down the control key to select more than one option.

Generate Results Reset Form

Figure 18. Selection form to create trend tables of agency-level arrest counts by sex

- Select the Generate Results tab at the bottom of the form (Figure 18). You may need to wait for a few seconds as the results are generated.
- The results of the counts analysis are displayed in Figure 19.
- Scroll down the results page to see all of the offenses listed and the footnotes. You may also need to scroll across the page to see additional demographic data and data export options.
- Select the Excel (📄) or PDF (📄) icon to download the data in the applicable format. You may need to wait for a few seconds for the download dialog box to appear.

Download Data:  

Arrests in Fairfax County Police Department of Males Aged 30-34

Offense	2003	2004	2005	2006	2007	2008	2009
All Offenses	294	366	292	339	527	344	1,684
Murder and Non-Negligent Manslaughter	0	0	0	1	0	1	0
Forcible Rape	2	1	2	0	1	1	2
Robbery	0	2	2	2	6	3	8
Aggravated Assault	6	9	6	3	12	8	16
Burglary	2	0	1	8	13	9	13
Larceny-Theft	32	34	21	13	47	38	114
Motor Vehicle Theft	3	4	3	3	0	0	0

.....
-1 = Agency did not report data

Figure 19. Sample trend table of agency-level arrest counts by sex

4.3. Trend tables of agency-level arrest counts by race

- Select Trend Tables by Race from the Agency-Level Counts menu (Figure 20). Select the race and age group (juvenile or adult) of the offender, types of offenses, years, and law enforcement agency that you would like to include in your analysis.

Home | Data Analysis Tools

Arrest Data Analysis Tool

Home | National Estimates | **Agency-Level Counts** | Methods | Definitions

Annual Tables | Trend Tables by Sex | **Trend Tables by Race**

Select one state

- Utah
- Vermont
- Virginia
- Washington
- West Virginia

Select one agency

- Exmore Police Dept
- Fairfax (City) Police Dept
- Fairfax City State Pol
- Fairfax County Police Department
- Fairfax County Sheriff Office

Select one or more offenses

- All Offenses
- Murder and Non-Negligent Manslaughter
- Forcible Rape
- Robbery
- Aggravated Assault

Select one or more years

- 2005
- 2006
- 2007
- 2008
- 2009

Select one age category

- Both age groups
- Juvenile
- Adult

Select one race

- All Races
- White
- Black
- American Indian/Alaskan Native (AIAN)
- Asian/Pacific Islander (API)

Hold down the control key to select more than one option.

Figure 20. Selection form for trend tables of agency-level arrest counts by race

- Select the Generate Results tab at the bottom of the form (Figure 20). You may need to wait for a few seconds as the results are generated.
- The results of the counts analysis are displayed in Figure 21.
- Scroll down the results page to see all of the offenses listed and the footnotes. You may also need to scroll across the page to see additional demographic data and data export options.
- Select the Excel (📄) or PDF (📄) icon to download the data in the applicable format. You may need to wait for a few seconds for the download dialog box to appear.

Download Data:  

Arrests in Fairfax County Police Department of Whites

Offense	2003	2004	2005	2006	2007	2008	2009
All Offenses	1,692	3,134	3,102	3,502	3,720	3,044	12,783
Murder and Non-Negligent Manslaughter	0	1	1	2	1	4	2
Forcible Rape	3	2	3	2	4	1	3
Robbery	14	14	0	15	46	23	21
Aggravated Assault	41	39	24	42	72	72	112
Burglary	22	15	24	49	80	86	127
Larceny-Theft	280	287	225	179	519	576	1,191
Motor Vehicle Theft	15	13	20	17	0	0	3

-1 = Agency did not report data
AIAN = American Indians and Native Alaskans
API = Asians and Pacific Islanders

Figure 21. Sample trend table of agency-level arrest counts by race

5. No results

If the local law enforcement agency you selected has not reported arrests for any year in the selected period, you will see a dialog box on the bottom of the screen informing you that there are no results (Figure 22). You may make changes to your selection and try again.

Home | Data Analysis Tools

Arrest Data Analysis Tool

Home National Estimates **Agency-Level Counts** Methods Definitions

Annual Tables Trend Tables by Sex **Trend Tables by Race**

Select one state

- Alabama
- Alaska
- Arizona
- Arkansas
- California

Select one agency

- Wasilla Police Dept
- Whitener Tribal Police Dept
- Whittier Police Dept
- Wrangell Police Dept
- Yakutat Police Dept**

Select one or more offenses

- All Offenses
- Murder and Non-Negligent Manslaughter
- Forcible Rape
- Robbery
- Aggravated Assault

Select one or more years

- 2005
- 2006
- 2007
- 2008
- 2009

Select one age category

- Both age groups
- Juvenile
- Adult

Select one race

- All Races
- White
- Black
- American Indian/Alaskan Native (AIAN)
- Asian/Pacific Islander (API)

Hold down the control key to select more than one option.

Generate Results Reset Form

Agency arrest data for the selected offenses do not exist in the selected years. No Data

Figure 22. "No Results" message at the bottom of the screen

6. Source of arrest data

These data are from the FBI's Uniform Crime Reporting Program (UCR). The FBI annually collects arrest counts from a large number of law enforcement agencies throughout the nation and publishes arrest tables in its *Crime in the United States* series. BJS has expanded upon the FBI's arrest estimates to provide the first publicly available national arrest estimates broken down by sex, age, and race.

7. Differences between national estimates and agency-level counts

The arrest data analysis tool contains local arrest counts for law enforcement agencies that report arrest data to the FBI for the complete 12-month period in the year. This tool enables you to view the arrest statistics reported to the FBI by thousands of individual local law enforcement agencies from 1980 onward. Between 1980 and 2009, the law enforcement agencies that submitted complete 12-month arrest data to the UCR had jurisdiction over 79% of the U.S. resident population and reported 80% of all arrests. With this data tool, you can track at the local level trends in arrests for a large set of offenses, arrests of juveniles and adults, and arrests of persons in different racial groups.

BJS has also developed national estimates of arrests and arrest trends using data collected by the FBI's UCR. The detailed breakdown of arrests and arrest trends by age, sex, and race describes the flow of individuals into the criminal justice system over a long time period. The BJS data tool can help you produce specific information you need with little effort—information that is not readily available or that cannot be found in any other dissemination vehicle. For example, this tool can generate national arrest trends for young women charged with aggravated assault, which can then be used by local law enforcement agencies, the media or advocates to compare local trends.

For more information about estimation procedures and the limitations of the arrest data, please view the Methods tab on the arrest data tool.

The Definitions tab on the arrest data tool lists the FBI's official offense definitions. It also provides greater detail about arrest rates, the FBI's Hierarchy Rule used to calculate arrest counts, and limitations in the reporting of the ethnicity of offenders.

8. For questions about the tool

Please direct any comments or questions about the arrest data analysis tool to:

askbjs@usdoj.gov
(202) 307-0765

Bureau of Justice Statistics
U.S. Department of Justice
810 7th Street, NW
Washington, DC 20531

9. How to cite data from this tool

- Please use the following information when citing the arrest data analysis tool:

Bureau of Justice Statistics

Tool title: Arrest Data Analysis Tool

Data source: FBI, Uniform Crime Reporting Program

Authors: Howard N. Snyder, Ph.D.; Joseph Mulako-Wangota, Ph.D.

Refer questions to: askbjs@usdoj.gov or (202) 307-0765

Date of version: September 2011

- When you publish tables of data from the BJS arrest tool, the recommended citation is:

Snyder, Howard N. and Mulako-Wangota, Joseph. Bureau of Justice Statistics. (Insert table title). Generated using the Arrest Data Analysis Tool at www.bjs.gov. (Insert date).

10. Authors and contributors

The Arrest Data Analysis Tool was produced by the Bureau of Justice Statistics, the statistical agency of the U.S. Department of Justice. James P. Lynch is the director.

The tool was co-authored by Howard N. Snyder, Deputy Director for Law Enforcement, Prosecution, Courts, Recidivism, and Special Projects and Joseph Mulako-Wangota, Information Technology Specialist.

Alexia Cooper, BJS Statistician, verified the data. Vanessa Curto edited the content and Barbara Quinn produced the User's Guide, under the supervision of Doris J. James. September 2011.