Crime Gun Trace Reports (2000) Memphis™





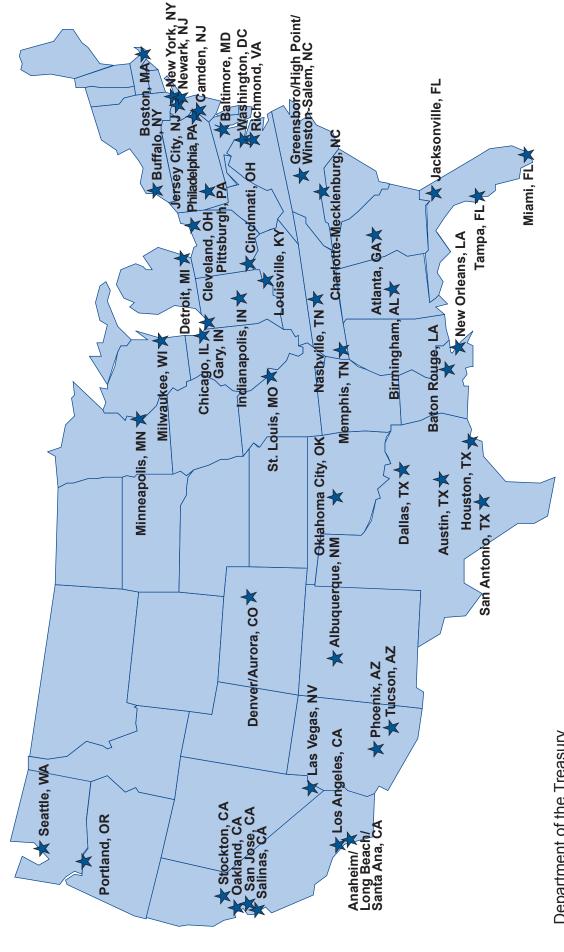
Department of the Treasury

Bureau of Alcohol, Tobacco and Firearms





Youth Crime Gun Interdiction Initiative 2001 Cities



Department of the Treasury
Bureau of Alcohol, Tobacco and Firearms
National Tracing Center Division
Crime Gun Analysis Branch

Foreword by the Director of the Bureau of Alcohol, Tobacco and Firearms

This publication of crime gun data for calendar year 2000 marks the fourth annual compilation of firearms trace analyses since the inception of the Youth Crime Gun Interdiction Initiative (YCGII) in 1996. As the number of communities involved has increased from the original 17 to 55, so has the value of this information as a relevant tool for law enforcement. With this knowledge, communities have formulated sound gun enforcement strategies for proactive use in firearms investigations. This is a direct result of the strong partnerships our agents have forged with every participating agency. Any level of success is impossible without this valued cooperation.

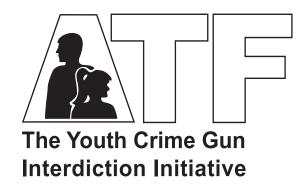
This report analyzing calendar year 2000 gun traces was delayed as a result of our redirection of a portion of our law enforcement resources after the tragic events of September 11, 2001. ATF agents, inspectors, and support staff joined thousands of other Federal, State and local law enforcement personnel across the country to pursue every available lead. At our National Tracing Center, a majority of the staff was dedicated to reviewing and analyzing massive amounts of related information.

The information in this report clearly demonstrates our commitment to this program, to our partnerships, and to the protection of our citizens. The enforcement approach embodied in YCGII provides each community the opportunity and ability to customize their efforts to address their own gun problems, trends, sources, and investigations. As we have seen, violence against Americans can take many forms. With strong partnerships, continued vigilance, and the use of the information at hand, we can continue to challenge those who would criminally use an illegally obtained firearm.

Bradley A. Buckles

Crime Gun Trace Reports (2000)

Memphism



CRIME GUN TRACE REPORTS (2000) Memphis, Tennessee

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Acknowledgements

Introduction

This is the fourth year of ATF's publication of the National Tracing Center (NTC) Crime Gun Trace Reports. The reports provide extensive analyses of crime gun traces submitted in calendar year 2000 by law enforcement officials in selected cities throughout the country participating in ATF's Youth Crime Gun Interdiction Initiative. The analysis of a large number of individual traces from many similar jurisdictions helps identify consistent crime gun patterns that may not be apparent from information in a single trace or traces from a single jurisdiction or State. With information about patterns and trends, more violent criminals can be arrested more efficiently, more focused regulatory enforcement can be undertaken, and more gun crime and violence can be prevented.

Two Report Formats. Crime gun tracing as a law enforcement tool has grown sufficiently to provide the 2000 Crime Gun Trace Reports in two formats:

- The National Report provides national analysis based on findings from crime gun traces in 41 communities including 44 of 67 cities in the U.S. with populations of 250,000 or more. These cities comprise 80 percent of the population of cities of this size
- The 47 separate City Reports provide detailed information on the trace results in the 39 large communities and eight communities with populations between 100,000 and 250,000.

Information for Law Enforcement, the Firearms Industry, and the Public. The Crime Gun Trace Reports have three audiences. They provide crime gun information to the Federal, State, and local law enforcement agencies that submit trace requests, boosting their information resources for arresting gun criminals, responding to gun violence, and establishing a benchmark for crime gun measurements. They inform federally licensed firearms dealers of crime gun patterns, allowing them to build sounder and safer businesses. They inform the public, Congress, and State and local authorities, building cooperation by communicating what ATF agents, inspectors, and State and local law enforcement investigating violent criminals see in their everyday enforcement operations.

Reinforcing Law Enforcement Collaboration. As a result of the collaboration of thousands of law enforcement and regulatory personnel and the FFLs that routinely respond to the National Tracing Center's inquiries, the Crime Gun Trace Reports

provide an overview of crime guns throughout the country in significantly greater detail than previously available. ATF's primary operational focus is on the Federal offender. By reporting trace information in standardized form, ATF intends to enable State and local law enforcement officials to evaluate the information independently and to gain perspective on their local circumstances in order to adjust enforcement and preventive strategies accordingly.

How Law Enforcement Can Use this Report. Local law enforcement executives and Federal, State, and local prosecutors and investigators can make

many uses of these reports. They furnish information relating to the following questions, among others:

- 1. How many crime guns are being recovered from different age groups of offenders?
- 2. What kinds of guns are being recovered in my
- 3. What types of crimes are associated with these recovered crime guns?
- 4. Are the source areas in the county or State, or from out of State?
- 5. What types of guns are moving the fastest from the retail seller to recovery in crime?
- 6. Which guns may pose a special hazard to law enforcement officers?

Using this information, law enforcement managers can decide what aspects of the firearms market deserve priority focus, by age group, by source area, or by type of crime, or any combination of these. Once these priorities are determined, information about specific crime guns and offenders can be obtained using all available investigative resources, including debriefing of arrestees, undercover and confidential informant operatives; Online LEAD;

Brady background check denial information; stolen firearms information; and special analyses by the Crime Gun Analysis Branch and equivalent analytic services in local police departments.

The combination of strategic information such as provided in these reports and investigative information will allow Federal, State, and local law enforcement officers to make the best use of available resources. Based on these factors, ATF and local law enforcement may decide to undertake criminal prosecution against traffickers, including felons, straw purchasers, firearms thieves, and unlicensed dealers, or regulatory actions against Federal firearms licensees.

Contents of the Reports. The National and City Reports include information about:

- Highlights: The National and City Reports each contain sections with highlights of the findings in the reports, focused on crime gun information relevant to law enforcement officials;
- **Possessors:** the age group and crimes of the crime gun possessors;

- **Crime guns:** the types, manufacturers, calibers, and, in some cities, models of the most frequently traced crime guns, including the most frequently traced crime guns for each city;
- **Gun trafficking indicators:** the time-to-crime and geographic sources of crime guns, multiple sales information, and percentage of crime guns with obliterated serial numbers;
- **Enforcement information:** successful Federal, State, and local investigations of the illegal diversion of firearms;
- Information for law enforcement executives: information and responses to frequently asked questions about crime gun tracing and related enforcement operations;
- Crime gun tracing information: number of traces submitted, degree of completeness of information provided, disposition of traces, and current and future developments in crime gun tracing; and
- **Technical information:** back-up information about the analysis, figures, and tables in the reports.

Youth Crime Gun Interdiction Initiative Cities

New Mexico	Indianapolis*	. Indiana
California	Jacksonville*	. Florida
Georgia	Jersey City	. New Jersey
Texas	Las Vegas	. Nevada
Maryland	Los Angeles	. California
Louisiana	Louisville	. Kentucky
Alabama	Memphis	. Tennessee
Massachusetts	Miami	. Florida
New York	Milwaukee	. Wisconsin
New Jersey	Minneapolis	. Minnesota
North Carolina	Nashville*	. Tennessee
Illinois	New Orleans	. Louisiana
Ohio	New York	. New York
Ohio	Newark	. New Jersey
Texas	Oakland	. California
Colorado	Oklahoma City*	. Oklahoma
Michigan	Philadelphia	. Pennsylvania
Indiana	Phoenix	. Arizona
North Carolina	Pittsburgh*	. Pennsylvania
Texas	Portland	. Oregon
	New Mexico California Georgia Texas Maryland Louisiana Alabama Massachusetts New York New York New Jersey North Carolina Illinois Ohio Ohio Texas Colorado Michigan Indiana North Carolina	California Jacksonville*

Richmond	Virginia	St. Louis	Missouri
Salinas	_	Stockton*	
San Jose	California	Tampa	Florida
San Antonio	Texas	Tucson	Arizona
Seattle	Washington	Washington	District of Columbia

^{*} City became a partner in the Youth Crime Gun Interdiction Initiative in 2000

The Youth Crime Gun Interdiction Initiative

The annual *Crime Gun Trace Reports* began in 1997 as part of ATF's Youth Crime Gun Interdiction Initiative (YCGII), a youth-focused firearms enforcement program that is a component of ATF's overall firearms enforcement program, the Integrated Violence Reduction Strategy. For this reason, YCGII is referred to throughout this report.

Participating jurisdictions. While many law enforcement agencies trace some crime guns, agencies participating in YCGII commit to instituting comprehensive tracing of all crime guns, providing the maximum investigative leads for law enforcement officials, and permitting optimal strategic analysis. These cities received special support from ATF. ALL cities with *City Reports* participate in YCGII. As more law enforcement agencies acquire crime gun tracing as an investigative tool, or implement State comprehensive crime gun tracing laws, ATF expects to include trace information from these jurisdictions in the annual *Crime Gun Trace Reports*.

National Tracing Center and Crime Gun Analysis Branch: field support. The National Tracing Division staff conducts traces, analyzes the results, provides case leads, crime gun mapping, and jurisdictional analysis for ATF agents and inspectors and for other law enforcement agencies, and prepares the *Crime Gun Trace Reports*. The YCGII staff at the National Tracing Center provides trace support for all ATF firearms enforcement programs and locally based gun enforcement initiatives. A national update on crime gun tracing is included in the *National Report*, and city information in each *City Report*.

In the field: investigation, inspections, trace support, and training. In the field, YCGII is an enforcement collaboration among Federal, State, and local law enforcement agencies, and ATF agents and inspectors. The primary role of the YCGII field staff is to conduct criminal investigations and regulatory inspections. YCGII also provides joint training in tracing, serial number restoration, and gun enforcement investigative methods to ATF agents and their State and local partners. YCGII staff also assists local law enforcement agencies to establish crime gun tracing, with technical support and training.

YCGII's special focus on juvenile and youth gun crime. As the *National Report* shows, juveniles (ages 17 and under) accounted for 8 percent of traced crime guns, and youth (ages 18-24) accounted for 33 percent of traced crime guns. ATF agents and inspectors participating in YCGII have a special responsibility for developing investigative information and carrying out enforcement actions involving juveniles and youth. Because juveniles are prohibited from acquiring and possessing handguns without parental involvement, some form of illegal diversion is almost always implicated in an investigation involving a juvenile's possession of a handgun, making crime handgun tracing especially critical. The *Crime Gun Trace Reports*, therefore, focus throughout on the variations in the crime guns and sources of illegal supply to juveniles, youth, and adults.

Following the Gun to Successful Firearms Enforcement

Crime gun tracing. Crime gun tracing is a law enforcement tool developed by ATF to investigate violations of the Nation's firearms laws. A crime gun trace identifies the Federal firearms licensee (FFL) who is the original retail seller of the firearm and the firearm's retail purchaser by tracking the manufacturer, caliber, and serial number on transfer documentation from the manufacturer or importer through the wholesaler to the retail seller and first purchaser. A crime gun trace alone does not mean that an FFL or firearm purchaser has committed an unlawful act. Crime gun trace information is used in combination with other investigative facts in regulatory and criminal enforcement. Crime gun tracing has three primary purposes:

- **Identifying individual armed criminals for prosecution.** Like a fingerprint or other identifying evidence, a crime gun trace is used in individual cases to link a firearm offender to his or her weapon, or identify the illegal supplier of a firearm to the criminal, juvenile, or other person prohibited from possessing a firearm. Such investigative work is conducted by local officials and by ATF.
- Proactive local investigative and strategic analysis to target armed violent criminals and gun traffickers for prosecution. When officials in a jurisdiction trace all recovered crime guns, law enforcement officials are able to detect patterns in the buying and selling of crime guns in their areas (pattern and trend analysis). This information combined with other indicators leads to the arrest of additional traffickers and armed felons and to regulatory enforcement actions against Federal firearms licensees violating the firearms laws and trafficking illegally. Analysis and mapping of local crime gun patterns is done by ATF at the Crime Gun Analysis Branch and in the field and by State and local law enforcement officials with access to ATFs Online LEAD crime gun information system, or using State firearms information systems.
- Crime Gun Trace Reports to assist law enforcement officials in placing local crime guns in a regional and national strategic enforcement context. Analysis of all available comprehensive trace information, locally and nationally, informs Federal, State, and local authorities of the source and market areas for crime guns, and other regional patterns. This information enables ATF to target criminal and regulatory resources, and assist Federal, State, and local law enforcement officials to develop national, regional, and local strategic responses to gun crime. ATF is uniquely qualified to conduct such analysis because it is the repository for crime gun traces and related information from all jurisdictions that trace crime guns.

Ballistics identification in relation to crime gun tracing. Many agencies are now using both crime gun tracing and ballistics identification to support firearm investigations. An expended cartridge or bullet may be recovered in addition to or in the absence of a crime gun. Once entered in an imaging database, the recovered cartridge or bullet can be matched to previously entered ballistics images to identify repeat uses of the same firearm. Currently, ballistics images also can provide the basis for a crime gun trace only if the firearm with which they are associated has been previously traced and a cartridge or bullet from that firearm entered into a local database of the National Integrated Ballistics Information Network. Ballistics Imaging technology does not automatically submit the crime gun to be traced through the National Tracing Center. In the future, expansion of the crime gun tracing system to include trace information derived from ballistics images as well as recovered firearms will allow additional firearms crimes to be solved and a more complete understanding of how violent offenders and prohibited persons illegally obtain firearms.

Highlights of the MEMPHIS City Report

These findings summarize the trace information for 3,244 crime guns recovered and traced in the City of Memphis by law enforcement agencies, including the Memphis Police Department and ATF, during 2000. Based on a survey conducted, Memphis, Tennessee was determined to be tracing comprehensively in 2000.

Crime Gun Possessors (Table A)The Crime Gun Possessors

Juveniles (Ages 17 & Younger) were associated with nearly 9 percent of recovered crime guns.

Youth (Ages 18 - 24) were associated with nearly 37 percent of recovered crime guns.

Adults (Ages 25 & Older) accounted for nearly 55 percent of recovered crime guns in Memphis.

Crime Guns and Illegal Diversion

Few Crime Gun Possessors Bought Their Guns Directly From Federally Licensed Gun Dealers. (Table A) Over 89 percent of Memphis crime guns changed hands at least once before reaching the crime gun possessor, and could have been legally transferred, straw purchased, otherwise trafficked, stolen, or a combination. Trafficking investigations can determine how guns were obtained by the crime gun possessor.

Many Crime Guns Had Short Time-to-Crime. Notwithstanding that most crime guns were bought from an FFL by someone other than the criminal possessor. Many crime guns were recovered soon after the initial purchase. The time from retail sale to firearm recovery in a crime is known as time-to-crime. A short time-tocrime is an indicator of illegal diversion or criminal intent associated with the sale. The presence of short timeto-crime guns also shows that many firearm offenses, including violent offenses with firearms, involve new guns.

The median time-to-crime for guns traced from Memphis, where time-to-crime could be determined was 5.1 years, as compared to the national median of 6.1 years. Older guns may represent an investigative challenge as they may have changed hands several times before acquisition by the criminal possessor. Many crime guns, however, moved more quickly from retail sale to recovery by law enforcement.

- 35 percent of crime guns (676) had a time-to-crime of less than three years.
- 17 percent of crime guns (320) had a time-to-crime of a year or less.

A Small Number of Federally Licensed Dealers Generate a Large Number of Crime Gun Traces. In any jurisdiction, a small number of Federally licensed gun dealers is associated with a large number of crime gun traces from that jurisdiction. The concentration of crime gun traces among a few licensed dealers partly reflects the high concentration of legal firearms sales among dealers and does not necessarily mean that a particular dealer is engaged in illegal business practices. However, the concentration of crime gun traces among a small number of licensed dealers provides an important opportunity for law enforcement agencies to focus limited investigative and regulatory resources on identifying potential illegal gun traffickers.

• In Memphis, 36 percent of traced crime guns were first purchased at only 6 Federally licensed gun dealers that also generated 25 or more crime gun traces from Memphis.

Obliteration of Serial Numbers. (Table H) The obliteration of serial numbers is a key trafficking indicator.

• Handguns recovered from juveniles (3 percent) and youth (3 percent) handguns were more likely to have obliterated serial numbers when compared to handguns recovered from adults (2 percent).

Types of Crime Guns (Table C)

Handguns accounted for nearly 79 percent of Memphis' traced crime guns.

Semiautomatic pistols consisted of 50 percent of crime guns.

• *Semiautomatic pistols* dominate among recovered crime guns, especially among youth (58 percent) and juveniles (52 percent), as well as among adults (48 percent).

Revolvers made up 28 percent of crime guns, juveniles associated with 30 percent, youth 25 percent and adults 28 percent.

Long guns accounted for slightly more than 20 percent of crime guns recovered in Memphis. By age group, adults were associated with the highest percent (22 percent), followed by youth (16 percent) and juveniles (14 percent).

Most Frequently Traced Crime Guns by Manufacturer and Caliber (Table D)

	Manufacturer	Caliber	Type of Crime Gun
1.	Smith & Wesson	.38	Revolver
2.	Lorcin Engineering	.380	Semiautomatic Pistol
3.	Ruger	9mm	Semiautomatic Pistol
4.	Lorcin Engineering	.25	Semiautomatic Pistol
5.	Raven Arms	.25	Semiautomatic Pistol
6.	Bryco Arms	9mm	Semiautomatic Pistol
7.	Smith & Wesson	9mm	Semiautomatic Pistol
8.	Bryco Arms	.380	Semiautomatic Pistol
9.	Davis Industries	.380	Semiautomatic Pistol
10.	Rossi	.38	Revolver

Most Frequently Traced Fast Time-to-Crime Guns (Table E)

The following frequently traced firearms were recovered in crime within three years or less of having been purchased as new guns from a Federal firearms licensee for more than 50 percent of recoveries where a time-tocrime could be calculated.

	Youth	
Manufacturer	Caliber	Type of Crime Gun
Bryco Arms	9mm	Semiautomatic Pistol
Ruger	9mm	Semiautomatic Pistol
Bryco Arms	.380	Semiautomatic Pistol
Hi-Point	9mm	Semiautomatic Pistol

	Adult	
Manufacturer	Caliber	Type of Crime Gun
Bryco Arms	.380	Semiautomatic Pistol
Lorcin Engineering	9mm	Semiautomatic Pistol

Geographic Sources (Table F)

In-State. Tennessee Federal firearms licensees (FFLs) were the source of 62 percent of all traceable crime guns recovered in Memphis.

• In-County. FFLs located in Shelby County were the source of 92 percent of crime guns first purchased in Tennessee and recovered in Memphis.

Regional. Another 25 percent of Memphis' traceable crime guns were first purchased in the nearby States of Mississippi, Arkansas, Georgia, and Kentucky.

Distance. Nearly 56 percent of crime guns recovered in Memphis were first purchased at FFLs located 10 miles or less from Memphis.

ATF CRIME GUN TRACE REPORT Memphis, Tennessee

Report Period: January 1, 2000 - December 31, 2000

Table A: Crime Gun Trace Requests: Age of Possessor and Relationship to Purchaser

This table provides information about the possessors of the crime guns for which trace requests were submitted from this community to the National Tracing Center. Since not all recovered firearms are found in an individual's possession, not all crime guns can be associated with a possessor when a trace request is made. Identifying cases where the purchaser is not the same individual as the possessor allows the law enforcement agency to focus on firearms that change hands before they are recovered as crime guns. Interim transfers can involve legal or illegal activity, including (but not limited to) gift exchange, straw purchase, resale of the firearm by licensed or unlicensed sellers, theft, or a combination of these.

	Number of Requests	Percent of Requests
Trace Requests	3,244	100.0
Trace Requests for which Possessor's Age Can Be Determined	2,606	80.3
Crime Gun Trace Requests With:		
Juvenile Possessor (Ages 17 & Younger) Youth Possessor (Ages 18 - 24) Adult Possessor (Ages 25 & Older)	225 955 1,426	8.6 36.6 54.7
Trace Requests for Which a Possessor Can Be Identified	2,807	86.5
Trace Requests Identify Possessor's Date of Birth*	2,606	80.3
Trace Requests Identify Possessor's Place of Birth	33	1.0
Trace Results Identify Purchaser	1,925	59.3
Trace Identifies Both Purchaser and Possessor	1,695	52.3
Possessor Is Not the Same Individual as the Purchaser	1,512	89.2**

^{*} Possessor age is sometimes provided instead of possessor DOB.

^{**} The denominator used to calculate this result is the total number of trace requests where both a purchaser and possessor have been identified.

Memphis, Tennessee

Report Period: January 1, 2000 - December 31, 2000

Table B: Crime Gun Trace Requests: Crime Type by Age of Possessor

This table depicts the crimes most frequently associated with crime gun trace requests submitted from this community by age. This information can be useful in developing an enforcement or intervention strategy that focuses on particular types of crimes. The general term "Firearm Offenses" can include any offense or crime in which a firearm was involved. It is also commonly used by local law enforcement agencies and the National Tracing Center when more detailed crime information is not available at the time the trace request is submitted to the National Tracing Center. Juvenile Youth Adult Age

Crime Type	Total	(ages 17 & younger)	(ages 18-24)	(ages 25 & older)	Unknown
Number of Trace Requests					
Firearm Offenses	1,468	133	423	655	257
Homicide	64	2	5	34	23
Kidnapping	4	0	0	4	0
Robbery	113	20	46	22	25
Sex Crimes	10	1	0	6	3
Assaults/Threats	131	2	43	80	6
Burglary/Theft/Fraud	74	3	31	25	15
Vice Crimes	8	0	1	1	6
Narcotics	596	21	216	333	26
Other Crime Types*	776	43	190	266	277
Total	3,244	225	955	1,426	638
		Juvenile	Youth	Adult	Age
Crime Type	Total	(ages 17 & younger)	(ages 18-24)	(ages 25 & older)	Unknown
Number of Trace Requests					
Firearm Offenses	45.3	59.1	44.3	45.9	40.3
Homicide	2.0	0.9	0.5	2.4	3.6
Kidnapping	0.1	0.0	0.0	0.3	0.0
Robbery	3.5	8.9	4.8	1.5	3.9
Sex Crimes	0.3	0.4	0.0	0.4	0.5
Assaults/Threats	4.0	0.9	4.5	5.6	0.9
Burglary/Theft/Fraud	2.3	1.3	3.2	1.8	2.4
Vice Crimes	0.2	0.0	0.1	0.1	0.9
Narcotics	18.4	9.3	22.6	23.4	4.1
Other Crime Types*	23.9	19.1	19.9	18.7	43.4
Total	100.0	100.0	100.0	100.0	100.0

^{*} Other crime types include, but are not limited to, the following violations: public peace, property crimes, family offenses, traffic offenses, and public order crimes.

Youth

Δdult

Δne

ATF CRIME GUN TRACE REPORT Memphis, Tennessee

Report Period: January 1, 2000 - December 31, 2000

Table C: Crime Gun Trace Requests: Type of Firearm by Age of Possessor

This table depicts the number of crime gun trace requests from this community by firearm type. Recoveries are identified as having been from adults, youth, juveniles, age unknown, and from all groups combined. This information can be useful in developing an enforcement strategy that focuses on the kinds of crime guns used by particular age groups.

Juvenile

		Juvenile	Youtn	Adult	Age
Crime Type	Total	(ages 17 & younger)	(ages 18-24)	(ages 25 & older)	Unknown
Number of Trace Requests					
Semiautomatic Pistol	1,618	118	554	687	259
Revolver	908	68	241	397	202
Rifle	277	16	75	132	54
Shotgun	375	16	76	180	103
Derringer	45	2	6	23	14
Combination Gun*	0	0	0	0	0
Destructive Device**	0	0	0	0	0
Machine Gun	1	0	0	0	1
Unknown Gun Type	20	5	3	7	5
Total	3,244	225	955	1,426	638
		Juvenile	Youth	Adult	Age
Crime Type	Total	(ages 17 & younger)	(ages 18-24)	(ages 25 & older)	Unknown
Number of Trace Requests					
Semiautomatic Pistol	49.9	52.4	58.0	48.2	40.6
Revolver	28.0	30.2	25.2	27.8	31.7
Rifle	8.5	7.1	7.9	9.3	8.5
Shotgun	0.5		1.7	7.5	0.0
	11.6	7.1	8.0	12.6	16.1
Derringer Combination Gun*	11.6	7.1	8.0	12.6	16.1
Derringer	11.6 1.4	7.1 0.9	8.0 0.6	12.6 1.6	16.1 2.2
Derringer Combination Gun*	11.6 1.4 0.0	7.1 0.9 0.0	8.0 0.6 0.0	12.6 1.6 0.0	16.1 2.2 0.0
Derringer Combination Gun* Destructive Device**	11.6 1.4 0.0 0.0	7.1 0.9 0.0 0.0	8.0 0.6 0.0 0.0	12.6 1.6 0.0 0.0	16.1 2.2 0.0 0.0

^{*} A combination gun is a multi-barreled firearm designed or redesigned, made or remade, and intended to be fired some combination from the shoulder having two or more different caliber barrels. Such firearms generally exhibit of rifled barrels and smoothbore shotgun barrels.

^{**} A destructive device is any type of weapon by whatever name known which will, or which may be readily converted to, expel a projectile by the action of an explosive or other propellant, and which has any barrel with a bore of more than one-half inch in diameter.

Memphis, Tennessee

Report Period: January 1, 2000 - December 31, 2000

Table D: Most Frequent Crime Gun Trace Requests: Manufacturer, Caliber, and Type by Age of Possessor

This table depicts the most frequently recovered and traced crime guns by firearm type, manufacturer, and caliber in this community. This report does not distinguish among models of firearms of the same manufacturer, caliber, and type. For instance, all .38 caliber revolvers manufactured by Smith & Wesson are considered as a group. Recovered crime guns are often concentrated among relatively few kinds of firearms.

Juvenile (ages 17 & younger)		Number of Kinds of Crime Guns	Number of Crime Guns	Percent of Crime Guns	
Total		107	225	100.0	
Most Frequent Kinds of C	Crime Guns	6	62	27.6	
All Other Kinds of Crime Guns		101	163	72.4	
Manufacturer	Caliber	Type of Crime Gun	Number of Crime Guns	Percent of Crime Guns	
Lorcin Engineering	.380	Semiautomatic Pistol	21	9.3	
Smith & Wesson	.38	Revolver	13	5.8	
Raven Arms	.25	Semiautomatic Pistol	9	4.0	
Lorcin Engineering	.25	Semiautomatic Pistol	7	3.1	
Bryco Arms	.380	Semiautomatic Pistol	6	2.7	
Rohm	.22	Revolver	6	2.7	

Youth (ages 18-24)		Number of Kinds of Crime Guns	Number of Crime Guns	Percent of Crime Guns
Total		222	955	100.0
Most Frequent Kinds of	f Crime Guns	8	268	28.1
All Other Kinds of Crime Guns		214	687	71.9
Manufacturer	Caliber	Type of Crime Gun	Number of Crime Guns	Percent of Crime Guns
Lorcin Engineering	.380	Semiautomatic Pistol	56	5.9
Smith & Wesson	.38	Revolver	48	5.0
Bryco Arms	9mm	Semiautomatic Pistol	33	3.5
Ruger	9mm	Semiautomatic Pistol	33	3.5
Lorcin Engineering	.25	Semiautomatic Pistol	27	2.8
Raven Arms	.25	Semiautomatic Pistol	26	2.7
Bryco Arms	.380	Semiautomatic Pistol	24	2.5
Hi-Point	9mm	Semiautomatic Pistol	21	2.2

Memphis, Tennessee

Adult (ages 25 & older)		Number of Kinds of Crime Guns	Number of Crime Guns	Percent of Crime Guns	
Total		309	1,426	100.0	
Most Frequent Kinds o	f Crime Guns	10	378	26.5	
All Other Kinds of Cris	me Guns	299	1,048	73.5	
			Number of	Percent of	
Manufacturer	Caliber	Type of Crime Gun	Crime Guns	Crime Guns	
Smith & Wesson	.38	Revolver	66	4.6	
Lorcin Engineering	.380	Semiautomatic Pistol	57	4.0	
Ruger	9mm	Semiautomatic Pistol	40	2.8	
Davis Industries	.380	Semiautomatic Pistol	34	2.4	
Smith & Wesson	.357	Revolver	34	2.4	
Smith & Wesson	9mm	Semiautomatic Pistol	32	2.2	
Remington Arms	12 GA	Shotgun	30	2.1	
Raven Arms	.25	Semiautomatic Pistol	29	2.0	
Bryco Arms	.380	Semiautomatic Pistol	28	2.0	
Lorcin Engineering	9mm	Semiautomatic Pistol	28	2.0	

All Crime Guns in this Jurisdiction*		Number of Kinds of Crime Guns	Number of Crime Guns	Percent of Crime Guns	
Total		430	3,244	100.0	
Most Frequent Kinds	of Crime Guns	10	887	27.3	
All Other Kinds of Cr		420	2,357	72.7	
			Number of	Percent of	
Manufacturer	Caliber	Type of Crime Gun	Crime Guns	Crime Guns	
Smith & Wesson	.38	Revolver	161	5.0	
Lorcin Engineering	.380	Semiautomatic Pistol	156	4.8	
Ruger	9mm	Semiautomatic Pistol	93	2.9	
Lorcin Engineering	.25	Semiautomatic Pistol	74	2.3	
Raven Arms	.25	Semiautomatic Pistol	74	2.3	
Bryco Arms	9mm	Semiautomatic Pistol	73	2.3	
Smith & Wesson	9mm	Semiautomatic Pistol	66	2.0	
Bryco Arms	.380	Semiautomatic Pistol	65	2.0	
Davis Industries	.380	Semiautomatic Pistol	63	1.9	
Rossi	.38	Revolver	62	1.9	

This section reports the most frequent guns traced for all age groups and an additional 638 trace requests where the possessor's age is unknown.

Memphis, Tennessee

Report Period: January 1, 2000 - December 31, 2000

Table E: Time-to-Crime for Most Frequently Traced Crime Guns by Manufacturer, Caliber, and Type

This table depicts time-to-crime for those crime guns most frequently requested for tracing in this community as depicted in table D; in this table the guns are ranked by median time-to-crime. Time-to-crime is the period of time between the retail sale of a firearm by a Federal firearms licensee and the date the firearm is recovered by enforcement officials or requested for tracing. A short time-to-crime can be an indicator of illegal firearms trafficking. In the tables below, the proportion of traceable firearms showing a time-to-crime of three years or less is shown; experienced trafficking investigators view a time-to-crime of three years or less as an especially useful trafficking indicator. Time-to-crime information can be useful in developing an enforcement strategy that identifies and investigates the specific sources of these firearms.

Juvenile (ages	s 17 & y	ounger)		umber of ime Guns	Median Time-	Time-to of 3 Y		Fastest
Manufacturer	Caliber	Type of Crime Gun	All	With Time- to-Crime*		Or le	ess Percent**	Case (in days)***
Lorcin Engineering	.380	Semiautomatic Pistol	21	17	6.2	2	11.8	539
Smith & Wesson	.38	Revolver	13	4	22.3	0	0.0	3,443
Raven Arms	.25	Semiautomatic Pistol	9	8	11.2	1	12.5	2
Lorcin Engineering	.25	Semiautomatic Pistol	7	6	4.0	1	16.7	336
Bryco Arms	.380	Semiautomatic Pistol	6	5	3.8	2	40.0	19
Rohm	.22	Revolver	6	0		0		

Youth (ages 18-24)			umber of ime Guns	Median Time-	Time-to-Crime of 3 Years		Fastest	
				With Time-	to-Crime	or le		Case (in
Manufacturer	Caliber	Type of Crime Gun	All	to-Crime*	in Years	Number	Percent**	days)***
Lorcin Engineering	.380	Semiautomatic Pistol	56	50	4.2	19	38.0	11
Smith & Wesson	.38	Revolver	48	17	14.1	0	0.0	1,108
Bryco Arms	9mm	Semiautomatic Pistol	33	29	1.4	19	65.5	21
Ruger	9mm	Semiautomatic Pistol	33	30	2.8	17	56.7	49
Lorcin Engineering	.25	Semiautomatic Pistol	27	24	4.2	10	41.7	83
Raven Arms	.25	Semiautomatic Pistol	26	22	10.0	1	4.5	135
Bryco Arms	.380	Semiautomatic Pistol	24	23	0.8	17	73.9	10
Hi-Point	9mm	Semiautomatic Pistol	21	18	2.6	9	50.0	7

Memphis, Tennessee

Adult (ages 25 & older)		Number of Crime Guns		Median Time-	Time-to-Crime of 3 Years		Fastest	
Manufacturer	Calibo	rType of Crime Gun	All	With Time- to-Crime*	to-Crime in Years	Or le	ess Percent**	Case (in days)***
	Calibe	Trype or ornine our				Hullibel	- Crociit	uays,
Smith & Wesson	.38	Revolver	66	21	12.7	2	9.5	564
Lorcin Engineering	.380	Semiautomatic Pistol	57	48	4.3	13	27.1	42
Ruger	9mm	Semiautomatic Pistol	40	36	3.2	17	47.2	32
Davis Industries	.380	Semiautomatic Pistol	34	31	7.4	5	16.1	59
Smith & Wesson	.357	Revolver	34	19	13.5	3	15.8	100
Smith & Wesson	9mm	Semiautomatic Pistol	32	19	4.6	6	31.6	17
Remington Arms	12 GA	Shotgun	30	10	7.4	1	10.0	200
Raven Arms	.25	Semiautomatic Pistol	29	24	12.1	0	0.0	2,773
Bryco Arms	.380	Semiautomatic Pistol	28	25	1.3	17	68.0	6
Lorcin Engineering	9mm	Semiautomatic Pistol	28	25	2.0	16	64.0	22

All Crime Guns in this Jurisdiction****			lumber of rime Guns	Median Time-			Fastest	
Manufacturer	Calibe	rType of Crime Gun	All	With Time- to-Crime*	to-Crime in Years	Or le	ess Percent**	Case (in days)***
Smith & Wesson	.38	Revolver	161	52	13.4	4	7.7	349
Lorcin Engineering	.380	Semiautomatic Pistol	156	133	4.6	40	30.1	11
Ruger	9mm	Semiautomatic Pistol	93	84	3.1	43	51.2	6
Lorcin Engineering	.25	Semiautomatic Pistol	74	64	4.5	25	39.1	83
Raven Arms	.25	Semiautomatic Pistol	74	62	11.2	2	3.2	2
Bryco Arms	9mm	Semiautomatic Pistol	73	66	1.5	45	68.2	14
Smith & Wesson	9mm	Semiautomatic Pistol	66	40	5.2	12	30.0	17
Bryco Arms	.380	Semiautomatic Pistol	65	60	1.6	39	65.0	6
Davis Industries	.380	Semiautomatic Pistol	63	58	6.0	16	27.6	44
Rossi	.38	Revolver	62	40	7.2	4	10.0	561

^{*} Time-to-crime can only be calculated when a trace is completed and a recovery date is submitted. Table J provides further explanation as to why a trace cannot be completed, such that a time-to-crime cannot be established.

^{**} The denominator used to calculate this result is the total number of trace requests where a time-to-crime was established.

^{***} A time-to-crime of 0 days indicates the recovery of a firearm during or immediately following a sale from a Federal firearms licensee.

^{****} This table is based on crime guns associated with adults, youth, juveniles, and individuals whose ages are unknown.

Total

ATF CRIME GUN TRACE REPORT

Memphis, Tennessee

Report Period: January 1, 2000 - December 31, 2000

Juvenile (ages 17 & younger)

Table F: Most Frequent Source States for Crime Guns Traced to a Firearms Dealer

This table depicts the most frequent source States for crime guns recovered in this community and traced to a firearms dealer. This information can be useful in developing an enforcement strategy that identifies and investigates the specific illegal sources of crime guns from those areas. A further breakdown shows how many crime guns were recovered within this community's county, within an adjacent county, and from other counties within the State.

Crime Gun Source State	ouriger)	Number of Crime Guns	Percent of Crime Guns*	Number of Crime Guns	Percent of Crime Guns**
Tennessee	Same County	72	91.1		
	Adjacent County	2	2.5		
	Other Counties in State	5	6.3		
	Total in State	79	100.0	79	63.2
Mississippi				25	20.0
Arkansas				4	3.2
Illinois				3	2.4
Kentucky				3	2.4
Georgia				2	1.6
Louisiana				2	1.6
Nebraska				2	1.6
Total for the Top Source States				120	96.0
Total for the Other Source State	es***			5	4.0
Total of All Crime Guns with a	Source State Identified			125	100.0
				Total	
Youth (ages 18-24) Crime Gun Source State		Number of Crime Guns	Percent of Crime Guns*	Number of Crime Guns	Percent of Crime Guns**
Tennessee	Same County	347	90.6		
	Adjacent County	13	3.4		
	Other Counties in State	23	6.0		
	Total in State	383	100.0	383	61.7
Mississippi				112	18.0
Arkansas				22	3.5
Texas				12	1.9
Georgia				9	1.4
Alabama				7	1.1
Kentucky				7	1.1
Louisiana				7	1.1
Missouri				7	1.1
Ohio				7	1.1
Total for the Top Source States				573	92.3
Total for the Other Source State				48	7.7
Total of All Crime Guns with a				621	100.0
Crime Gun Trace Reports (2000)				~~*	15

Memphis, Tennessee

Adult (ages 25 & older)			Total							
Crime Gun Source State	,	Number of Crime Guns	Percent of Crime Guns*	Number of Crime Guns	Percent of Crime Guns**					
Tennessee	Same County	481	93.2							
	Adjacent County	15	2.9							
	Other Counties in State	20	3.9							
	Total in State	516	100.0	516	62.3					
Mississippi				144	17.4					
Arkansas				43	5.2					
Texas				16	1.9					
Louisiana				15	1.8					
Florida				12	1.4					
Georgia				9	1.1					
Kentucky				9	1.1					
Michigan				9	1.1					
Total for the Top Source States	,			773	93.4					
Total for the Other Source State	es***			55	6.6					
Total of All Crime Guns with a	Source State Identified			828	100.0					

All Crime Guns in this Jurisdiction****

Crime Gun Source State		Number of Crime Guns	Percent of Crime Guns*	Number of Crime Guns	Percent of Crime Guns**
Tennessee	Same County	1,088	91.8		
	Adjacent County	35	3.0		
	Other Counties in State	62	5.2		
	Total in State	1,185	100.0	1,185	61.6
Mississippi				339	17.6
Arkansas				100	5.2
Texas				40	2.1
Louisiana				29	1.5
Georgia				24	1.2
Kentucky				24	1.2
Florida				23	1.2
Michigan				14	0.7
Missouri				14	0.7
Total for the Top Source States	S			1,792	93.1
Total for the Other Source State				133	6.9
Total of All Crime Guns with a	Source State Identified			1,925	100.0

^{*} The denominator used to calculate this result is the total of all crime guns recovered in the State in which this community is located.

Total

^{**} The denominator used to calculate this result is the total of all crime guns where a source State is identified.

^{***} Other source States may include Guam, Puerto Rico, and/or the Virgin Islands.

^{****} This table is based on crime guns associated with adults, youth, juveniles, and individuals whose ages are unknown.

Memphis, Tennessee

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Table G: Dealer Trace Frequency and Distance to Recovery

This table depicts the number of firearms dealers associated with crime gun traces. The second part of this table depicts the distance to crime gun recovery location as defined by the number of miles between the business location of the federally licensed firearms dealer and the number of crime guns recovered by law enforcement within distance ranges. This information may be useful for establishing an enforcement strategy that focuses on the number of expected crimes gun recoveries relative to firearm dealer locations.

Dealer Trace Frequency

	Number of Traces to a	Tra	aces	Dea	aler
City	Dealer	Percent	t Number	Percent	Number
Memphis					
	1 or more	100.0	1,290	100.0	380
	2 or more	78.8	1,017	28.2	107
	5 or more	67.8	874	12.6	48
	10 or more	57.2	738	7.1	27
	25 or more	36.1	466	1.6	6

Distance from Dealer to Recovery Crosstabulation

Distance from Dealer to Recovery

	0-5	6-10	11-25	26-50	51-100	101-250	250+	Total
Count	270	268	139	44	61	70	111	963
Percent Within City	28.0	27.8	14.4	4.6	6.3	7.3	11.5	100.0

ATF CRIME GUN TRACE REPORT Memphis, Tennessee

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Table H: Crime Guns with Obliterated Serial Numbers*

Crime guns can have partially or completely obliterated serial numbers. This report reflects an undercount of obliterated and restored serial numbers because, among other reasons, trace requests from local law enforcement agencies may not indicate when obliterated serial numbers have already been restored prior to their submission to the National Tracing Center. A II C

to the National Tracing Center.	All Crime Guns		Crime Guns with Obliterated Serial Numbers			
Juvenile (ages 17 & younger)		Number	Percent			
Type of Firearm	Number	Obliterated	Obliterated**			
Semiautomatic Pistol	118	5	4.2			
Revolver	68	1	1.5			
Derringer	2	0	0.0			
Total	188	6	3.2			
Youth (ages 18-24)		Number	Percent			
Type of Firearm	Number	Obliterated	Obliterated**			
Semiautomatic Pistol	554	16	2.9			
Revolver	241	9	3.7			
Derringer	6	0	0.0			
Total	801	25	3.1			
Adult (ages 25 & older)		Number	Percent			
Type of Firearm	Number	Obliterated	Obliterated**			
Semiautomatic Pistol	687	5	0.7			
Revolver	397	11	2.8			
Derringer	23	1	4.3			
Total	1,107	17	1.5			
All Ages in this Jurisdiction		Number	Percent			
Type of Firearm	Number	Obliterated	Obliterated**			
Semiautomatic Pistol	1,618	31	1.9			
Revolver	908	27	3.0			
Derringer	45	1	2.2			
Total	2,571	59	2.3			

Figures on obliterated serial numbers include handguns only. It is not always possible to determine from trace information whether the serial number of a long gun has been obliterated.

^{**} Based on the trace requests for which the possessor's age can be determined.

Memphis, Tennessee

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Table I: Results of Crime Gun Traces: Age of Possessor

This table depicts the number of crime gun trace requests received by the National Tracing Center from this community, the number and percentage of crime gun traces that were initiated, and the extent to which the trace progressed. Where a trace identifies a Federal firearms licensee, the National Tracing Center can generally determine the source State of the firearm and the date on which it was first sold at retail. Further information from the Federal firearms licensee is required to identify first purchasers.

	Number of Crime Gun Trace Requests	Percent of Crime Gun	Percent of Crime Gun Traces Initiated
1 11 (17.0	Trace Requests	Trace Requests	Traces illitiateu
Juvenile (ages 17 & younger)	225	100.0	
Crime Gun Trace Requests	225	100.0	
Traces Initiated*	200	88.9	100.0
Traced to FFL**	155	68.9	77.5
Purchaser Identified***	125	55.6	62.5
Youth (ages 18-24)			
Crime Gun Trace Requests	955	100.0	
Traces Initiated*	895	93.7	100.0
Traced to FFL**	732	76.6	81.8
Purchaser Identified***	621	65.0	69.4
Adult (ages 25 & older)			
Crime Gun Trace Requests	1,426	100.0	
Traces Initiated*	1,283	90.0	100.0
Traced to FFL**	1,023	71.7	79.7
Purchaser Identified***	828	58.1	64.5
All Crime Guns in this Jurisdiction	n****		
Crime Gun Trace Requests	3,244	100.0	
Traces Initiated*	2,946	90.8	100.0
Traced to FFL**	2,338	72.1	79.4
Purchaser Identified***	1,925	59.3	65.3

- * Crime gun trace requests may not be initiated for various reasons, such as: Federal law did not require dealers to maintain records prior to 1969; the firearm is classified as a military weapon; the weapon described is not a firearm as defined in Federal law; the weapon described is subject to the National Firearms Act (NFA), and/or the weapon described is a blackpowder firearm. Firearms predating the enactment of the 1968 Gun Control Act are generally untraceable.
- ** Reasons that crime guns may not be traced to a Federal firearms licensee include: manufacturer or wholesaler records were incomplete, destroyed, missing, not properly maintained, illegible, seized by law enforcement officials, or were not received by the NTC Out-of-Business records section when one of those entities went out of business.
- *** Reasons crime guns may not be traceable to a first purchaser include: retailer records were incomplete, destroyed, missing, not properly maintained, illegible, seized by law enforcement officials, or were not received by the NTC Out-of-Business section when the FFL went out of business.
- **** This table is based on crime guns associated with adults, youth, juveniles, and individuals whose ages are unknown.

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Table J: Results of Crime Gun Traces: Detailed Analyses

	Number of Crime Gun	Percent of Crime Gun
Crime Gun Trace Requests	3,244	100.0
Crime Gun Trace Not Initiated	298	9.2
Reasons Trace Not Initiated* Firearm Manufactured Before 1969 and Not Traceable		
Through Out-of-Business Records	284	8.8
Trace Request Submitted for Informational Purposes Only	2	0.1
Other Reasons	12	0.4
Crime Gun Trace Initiated	2,946	90.8
Trace Initiated: Purchaser Identified	1,925	59.3
Trace Initiated: Purchaser Not Identified	1,021	31.5
Reasons Purchaser Not Identified		
Trace Terminated at Manufacturer/Importer Stage	543	16.7
Problem with Manufacturer Name	90	2.8
Problem with Importer Name	128	3.9
Problem with Crime Gun Serial Number**	300	9.2
Insufficient Information (unspecified)	4	0.1
Crime Gun Previously Reported Stolen***	21	0.6
Trace Terminated at Wholesaler/Retail Dealer Stage	413	12.7
No Response	18	0.6
Records Not Available	48	1.5
Records on This Crime Gun Not Available	268	8.3
20 Year Record Retention Requirement Expired	69	2.1
Crime Gun Reported Stolen During Inquiry	9	0.3
Other Dispositions	65	2.0
Terminated by Law Enforcement	6	0.2
Special Conditions	59	1.8

^{*} Crime gun trace requests may not be initiated for various reasons, such as: the NTC received incorrect information or insufficient information to complete a firearm's trace request, improper nomenclature of a firearm, or misidentification of a firearm or the firearm's importer. Firearms predating the enactment of the 1968 Gun Control Act are generally untraceable.

^{**} This category includes misread, obliterated, and obscured serial numbers. The number submitted may also be wrongly identified as a serial number or may not match records of guns manufactured. See Table G: Crime Guns with Obliterated Serial Numbers.

^{***} These are commercial thefts reported by manufacturers, retailers, or interstate carriers. Reporting is mandatory for manufacturers and retailers and voluntary for interstate carriers. Thefts from private individuals are not included in this category.

Appendix A

Glossary

ASSOCIATE

Any person or persons who can be linked to the possessor of the crime gun at the time of its recovery by law enforcement.

ATF FORM 3310.4, MULTIPLE SALES REPORT

A form completed by all Federal Firearms Licensees (FFLs) whenever they transfer two or more handguns within 5 consecutive business days to the same individual. The completed form contains full identifying information concerning the purchaser, the firearms, the date of transfer, and the FFL. FFLs are required by Federal law to forward this form to the National Tracing Center either by fax or mail by the close of business on the day on which the sale occurs. 18 U.S.C., Chapter 44, Sec 923 (g)(3).

ATF NATIONAL TRACING CENTER DIVISION (NTC)

The Division includes the National Tracing Branch (NTB) and the Crime Gun Analysis Branch (CGAB). The NTB works with law enforcement entities and the firearms industry to trace the origin and initial sale history of a firearm recovered by law enforcement officials in the United States or abroad. In some instances, the NTB traces crime guns that are sold as used guns by FFLs. The NTB is also the repository for all FFL out-of-business records and multiple sales records. The CGAB provides investigative leads to ATF field personnel, houses the FFL lost and stolen firearms reports, supports the worldwide law enforcement community by identifying firearms traffickers who supply firearms to criminals and juveniles, and prepares maps, trends, and pattern analyses, including the annual Crime Gun Trace Reports.

CALIBER

The diameter of a projectile intended to be expelled from a firearm or the dimension of the bore of a given firearm.

COLLECTOR

Any person who acquires, holds, or disposes of firearms as curios or relics

COMPREHENSIVE TRACING

The tracing by law enforcement of all recovered crime guns in a geographic area (e.g., town, county, metropolitan area, or State). Trace information is used to maximize investigative leads for use in identifying illegal firearms traffickers and violent criminals, and to analyze crime gun trends and patterns.

CRIME GUN

A crime gun is any firearm that is illegally possessed, used in a crime, or suspected to have been used in a crime. An abandoned firearm may also be categorized as a crime gun if it is suspected it was used in a crime or illegally possessed.

DEALER

Any person engaged in the business of selling firearms at wholesale or retail, or any person engaged in the business of repairing firearms or of making or fitting special barrels, stocks, or trigger mechanisms to firearms, or any licensee who is a pawnbroker.

ELECTRONIC TRACE SUBMISSION SYSTEM (ETSS)

ETSS can be a stand-alone or part of a networked, multi-user system that enables ATF Field Offices and other law enforcement organizations to capture firearm trace related data. This data is exported from ETSS and the batch file is then electronically sent for processing to the National Tracing Center (NTC).

ENGAGED IN THE BUSINESS

A person is engaged in the business as a dealer in firearms if he or she devotes time, attention, and labor to dealing in firearms as a regular course of trade or business with the principal objective of livelihood and profit through the repetitive purchase and resale of firearms. The term does not include a person who makes occasional sales, exchanges, or purchases of firearms for the enhancement of a personal collection or for a hobby, or who sells all or part of his or her personal collection of firearms.

FEDERAL FIREARMS LICENSEE (FFL)

Any persons, including a partnership, corporation, or business entity, holding a valid license issued by ATF that allows them or their employees to engage in the business of dealing, manufacturing, importing, repairing or pawnbrokering firearms. By law, all FFLs must keep records of their firearms transactions and forward all their records to ATF upon going out of business.

FIREARM SERIAL NUMBER

The Gun Control Act of 1968 requires that an individual serial number be affixed to firearms manufactured or imported into the United States. This unique serial number is one of several key elements used in accurately identifying a firearm and tracing it to the FFL who first sold it to an unlicensed purchaser.

FIREARM TRACE

The systematic process of tracking a recovered crime gun's history from its source (manufacturer/importer) through the chain of distribution (wholesaler/retailer) to the individual who first purchases the firearm.

FIREARM TRACE REQUEST

Information submitted to the NTB by the law enforcement community to solve individual crimes and acquire illegal trafficking information. Requests may be submitted by telephone (high priority/urgent), facsimile, mail, or as an electronic file through several different formats. ATF trace request forms require specific information to include, but not limited to, a description of the firearm, the individuals possessing or associated with the firearm, the recovery location, and the underlying offense that brought the crime gun to the attention of law enforcement.

FIREARM TYPE

The NTC categorizes firearms into a number of types that include, but are not limited to, pistols, revolvers, derringers, shotguns, rifles, combination firearms, machine guns, destructive devices, and unknown gun type. Firearms are generally described by identifying the firearm type, manufacturer, and caliber. This information, together with additional data such as the serial number and model, are used to accurately trace a firearm.

SEMIAUTOMATIC PISTOL

Any repeating pistol which utilizes a portion of the energy of a firing cartridge to extract the fired cartridge case and chamber the next round, and which requires a separate pull of the trigger to fire each cartridge.

PISTOL

A weapon originally designed, made, and intended to fire a projectile (bullet) from one or more barrels when held in one hand, and having (a) a chamber(s) as an integral part(s) of, or permanently aligned with, the bore(s); and (b) a short stock designed to be gripped by one hand and at an angle to and extending below the line of the bore(s).

REVOLVER

A projectile weapon of the pistol type, having a breechloading chambered cylinder so arranged that the cocking of the hammer or movement of the trigger rotates it and brings the next cartridge in line with the barrel for firing.

DERRINGER

The term "derringer" has no legal definition, but for the purposes of this report it is interpreted as any one of a variety of small pocket or palm size pistols having one or more barrels.

RIFLE

A weapon designed or redesigned, made or remade, and intended to be fired from the shoulder, and designed or redesigned and made or remade to use the energy of the explosive in a fixed metallic cartridge to fire only a single projectile through a rifled bore for each single pull of the trigger.

SHOTGUN

A weapon designed or redesigned, made or remade, and intended to be fired from the shoulder, and designed or redesigned and made or remade to use the energy of the explosive in a fixed shotgun shell to fire through a smooth bore either a number of ball shot or a single projectile for each single pull of the trigger.

COMBINATION GUN

A multi-barreled firearm designed or redesigned, made or remade, and intended to be fired from the shoulder having two or more different caliber barrels. Such firearms generally exhibit some combination of rifled barrels and smoothbore shotgun barrels.

MACHINEGUN

This term includes, in part, any weapon which shoots, is designed to shoot, or can be readily restored to shoot, automatically more than one shot, without manual reloading, by a single function of the trigger. The term shall also include the frame or receiver of any such weapon.

DESTRUCTIVE DEVICE

This term includes, in part, any type of weapon by whatever name known which will, or which may be readily converted to, expel a projectile by the action of an explosive or other propellant, and which has any barrel with a bore of more than one-half inch in diameter.

IMPORTER

Any person engaged in the business of importing or bringing firearms or ammunition into the United States for purposes of sale or distribution. The term shall include any person who engages in such business on a part-time basis.

INVESTIGATIVE TRACE

Investigative traces are traces that go beyond the first retail purchaser through the chain of possession until the crime gun reaches the crime gun possessor. After its initial retail purchase, a crime gun may be transferred repeatedly before being used in a crime. Further information regarding the crime gun's trail is obtained by ATF field personnel and/or other members of the law enforcement community.

MANUFACTURER

Any person engaged in the business of manufacturing firearms or ammunition for purposes of sale or distribution. The term shall include any person who engages in such business on a part-time basis.

MARKET AREA

An area where firearms acquired in one or more source areas are possessed by individuals from whom they are later recovered.

OBLITERATED SERIAL NUMBER

Some individuals obliterate or attempt to obliterate the firearm serial number to make it more difficult to trace. ATF and local law enforcement agencies can restore the serial numbers of many of these crime guns. Obliteration of a serial number is a felony under Federal law, as is the possession of a firearm with an obliterated serial number

PAWNBROKER

Any person whose business or occupation includes the taking or receiving, by way of pledge or pawn, of any firearm as security for the payment or repayment of money.

POSSESSOR

The individual in possession of a crime gun at the time of its recovery by law enforcement.

ONLINE LEAD

ATF's information system designed to produce investigative leads concerning illegal firearms trafficking. The system compiles trace information in order to identify recurring trends and patterns that may indicate illegal trafficking. Online LEAD is an investigative tool provided to ATF field offices for use by local and State task forces.

PURCHASER

The individual who purchases a firearm from an FFL. A firearm trace seeks to identify the FFL who first sold the crime gun and the first individual who purchased the firearm. This information can assist law enforcement officials in investigations and in understanding the sources of illegal trafficking in firearms.

SOURCE AREA

A geographic area where illegal firearms traffickers obtain firearms that they acquire and transport to other locations for unlawful resale and/or transfer

SOURCE STATE

The State in which the FFL that first sold the crime gun at retail is located. The source State can only be determined if a trace identifies the FFL who sold the firearm.

STRAW PURCHASE

The acquisition of a firearm(s) from a Federally licensed firearms dealer by an individual (the straw purchaser) for the purpose of concealing the identity of the true intended receiver of the firearm(s).

STRAW PURCHASER

A person illegally purchasing a firearm from a Federally licensed firearms dealer for another person, including for unlicensed sellers, criminal users, juveniles, and other prohibited possessors. Straw purchasers may be friends, associates, relatives, or members of the same gang.

TIME-TO-CRIME

The period of time between a firearm's acquisition by an unlicensed person from a retail licensee and law enforcement's recovery of that firearm during use, or suspected use, in a crime. A short time-to-crime suggests the firearm will be easier to trace. This measure can be an important indicator of illegal firearms trafficking. In those instances where the date of recovery is not provided, the date of the trace request is utilized to calculate time-to-crime.

Appendix B

Technical Notes

1. Interpreting Information in National Tracing Center Records from Participating Jurisdictions This note discusses limitations in using this information to compare one participating jurisdiction with another and to track the same jurisdiction from 1 year to the next

The Youth Crime Gun Interdiction Initiative (YCGII) began in 1996. It is an emerging collaboration among Federal, State, and local law enforcement officials, ATF field offices, the ATF National Tracing Center, and ATF contractors from the academic community to improve enforcement of the Federal firearms laws, especially those relating to illegal firearms transfers to youth offenders, felons, juveniles, and other prohibited persons.

This is the fourth report published by ATF that uses information from trace requests submitted from YCGII jurisdictions to describe crime guns recovered by law enforcement agencies in those jurisdictions. This information improves the knowledge base for the enforcement of Federal and State firearm laws and regulations. It is, however, subject to several limitations. These arise out of three basic factors:

First, the program is undergoing constant change. Over the first 4 years of the YCGII program's operation, for United States cities with populations over 250,000 inhabitants, the percent of the population covered by participating YCGII jurisdictions increased from 28.5 percent to 80.4 percent (see Table B1). Over this period, the number of cities in the over 250,000population group also increased from 11 to 44 cities (or from 16.7 to 66.7 percent of this group). These improvements in program coverage are important because achieving comprehensive tracing in cities with populations of over 250,000 inhabitants has been a primary objective of the YCGII program. However, because of YCGII's rapid increases in program coverage, year-to-comparisons for aggregate population group of cities over 250,000 are inappropriate.

Second, the extent of program implementation varies from one jurisdiction to another based on each one's size, extent of agency computerization, information intake procedures, firearms-focused law enforcement

activity, and the nature of its crime gun problem. At this stage of development, it is not appropriate to attempt to impose a single standard on all participating jurisdictions.

Third, the program is still developing. ATF and local law enforcement agencies are still learning from each other how to best implement this program and to utilize the information obtained. This report and others to be produced by the Crime Gun Analysis Branch (CGAB) of the National Tracing Center are part of that developing process.

These factors result in data limitations, among them changing law enforcement procedures to obtain all crime guns from all agencies does not happen immediately or consistently throughout a particular agency. In such jurisdictions, the lag in reporting recovered firearms to ATF will generate data on fewer firearms than law enforcement agencies actually recovered.

The data reported here also reflects the behavior of law enforcement agencies whose policies and practices, including when and how firearms are recovered and how those recoveries are recorded, are changing in response to local attention to firearms crimes. These changes could increase or decrease the number of firearms trace requests made to the National Tracing Center.

Crime rates are changing. Changes in the number of trace requests could reflect changes in the number of crime guns that come to the attention of law enforcement agencies.

While the 50 participating jurisdictions represent a wide spectrum of American life, they do not represent a national sample of law enforcement agencies or crime guns recovered by law enforcement agencies. Participation in this program is voluntary, and jurisdictions included were not selected to be representative of the nation as a whole, rather they were included primarily because of a focus on youth gun crime. In 2000, however, 44 of the 50 jurisdictions had a population over 250,000. The population of these 44 jurisdictions represents more than four-fifths of the population of all U.S. cities combined with

populations of 250,000 or more. This made it appropriate to generate summary data for these large cities as a group.

For these and other reasons, the available data from the participating jurisdictions does not yet constitute a fully developed statistical series from which reliable comparisons can be made from one reporting period to the next or from one participating jurisdiction to another. The data is used in this report as descriptive of the trace requests of particular jurisdictions during the past year. The nature of these limitations is similar to those initially encountered by the Federal Bureau of Investigation's Uniform Crime Reports program (UCR). Begun in the 1930's as a voluntary program by a few large jurisdictions, the UCR program has been developed over the past 70 years to include consistent definitions and standards, detailed reporting procedures, and nearly uniform participation by law enforcement agencies. The purpose of YCGII is to assist law enforcement by providing a detailed description of crime guns recovered in a given jurisdiction during the past year, and that is the most appropriate use of the data in this report.

Table B1: Percent of Cities and Percent of Population of Cities over 250,000 Inhabitants Participating in the YCGII Program by Year

	YCGII Program Year						
	1997	1998	1999	2000			
Percent of Cities over 250,000 in YCGII Program	16.7	30.3	45.5	66.7			
Percent of Population in Cities in YCGII Program	28.5	54.1	67.2	80.4			

2. National Analysis Based on 80.4 Percent of the Population of Cities with 250,000 or More Inhabitants

This percentage is sufficient for this report to constitute a national report on crime guns in cities of this size. ATF is providing the analysis on a population basis in order to permit use of crime gun trace information in conjunction with the FBI's Uniform Crime Reports, which publish the crime statistics submitted by law enforcement agencies by size of the jurisdiction's population.

3. Classification of Traces Based on Time and Geography

In order to include all crime guns traced from each city during the calendar year period of this report, the Crime Gun Analysis Branch employed the following criteria. If the recovery date on the trace fell within 2000, the trace was included. If no recovery date was given, but the trace was received by the National Tracing Center during 2000, the trace was also included. A careful analysis of recovery State, recovery city, tracing agency ORI Code, tracing agency name, local ATF office codes, and tracing agency city was conducted to determine which traces were from recoveries in each of the 50 cities. The ORI code is used to identify law enforcement agencies in the Firearms Tracing System database. If the recovery city and State fields included either a known city name or the name of a known sub-unit of a YCGII city (for example Bronx, NY), the trace was included in the analysis. If no recovery city was given, but the tracing agency was identified as the YCGII city's main police department or an agency whose jurisdiction was only within the city, the trace was also included.

4. Calculation of Percentages

The tables and figures in this report were prepared using the Statistical Package for the Social Sciences (SPSS) or Microsoft Excel software. We have chosen to report all percentages as these programs calculated them. It is occasionally possible, using a calculator or different software, to produce percentages that differ by as much as 0.1 percent from the reported percentages.

5. Possessor's Age

Table B2: Age of Possessor from Figure 1

Age	Frequency	Age	Frequency
10	13	46	464
11	35	47	604
12	54	48	431
13	141	49	600
14	331	50	203
15	569	51	263
16	1,147	52	277
17	1,706	53	272
18	2,569	54	200
19	2,744	55	211
20	2,751	56	182
21	2,930	57	123
22	2,553	58	137
23	2,420	59	137
24	2,118	60 61	120
25 26	1,942	61 62	107 105
27	1,768 1,651	63	111
28	1,620	64	54
29	1,339	65	77
30	1,321	66	77
31	1,174	67	65
32	1,041	68	73
33	1,019	69	50
34	1,067	70	73
35	976	71	42
36	932	72	48
37	1,044	73	54
38	1,040	74	38
39	831	75	43
40	1,017	76	464
41	878	77	604
42	845	78	431
43	746	79	600
44	699	80	203
45	699		

6. Distance to Recovery Location

Distance to crime gun recovery location is defined as distance in miles between the business location of the Federally licensed firearms dealer that sold a crime gun recovered by a law enforcement agency and the recovery location of the firearm. Distance-to-Recovery is calculated as the distance between the centroids of the zip code of the Federally licensed firearms dealer that sold the crime gun and the zip code of the location where the gun was recovered by a law enforcement agency. Distance-to-recovery is calculated for crime guns, 1) that were traced to a first time retail purchaser, 2) where a zip code is available for the business location of the FFL that sold the gun or where a zip code could be derived from the business address of the FFL, and 3) where there is a zip code for the location where the crime gun was recovered or where the a zip code could be derived from the street address of the recovery location.

7. Time-to-Crime Estimation

In previous reports to estimate the percentage of crime guns rapidly diverted from retail sale at Federally licensed firearms dealers, ATF produced high and low estimates of the proportion of guns rapidly diverted to crime gun status. These estimates were derived because resource limitations did not allow the National Tracing Center to trace many older crime guns. Since 1999, however, additional resources

have enabled the National Tracing Center to initiate traces on all recovered crime guns without respect to the age of the gun. The only exception to this standard is for crime guns that were manufactured prior to 1969 or crime guns that were sold by a manufacturer, wholesaler, or retail gun dealer more than 20 years prior to the gun's recovery by a law enforcement agency. (FFLs are not required to maintain firearm sale and purchase records beyond 20 years.) However, firearms in these latter two categories are still traced by ATF if records of their sale and purchase can be located in ATF's FFL out-of-business records files

These changes in ATF's tracing procedures have greatly reduced or eliminated the utility of ATF's high and low estimates of time-to-crime, because the percentage of firearms traces not initiated due to the age of the firearm has dropped to approximately ten percent of all trace requests from approximately 30 percent of all trace requests in 1997 and 22 percent in 1998. In addition, there are other categories of crime guns trace requests for which traces are not initiated (e.g., crime guns with obliterated serial numbers) which if they could be traced would yield lower not higher estimates of time-to-crime.

Appendix C

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3d. BADGE NUMBER 3e	e. ATF CASE NUMB	ER		3f. FIEL	D OFF	ICE				
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INSTRUCTIONS FOR COMPLETING ATF F 3312.1 - REQUEST FOR A FIREARMS TRACE

GENERAL INSTRUCTIONS - *Required Data Entry Fields And **Available Options/Codes Listed For Reference

The information requested on this form is needed to initiate a trace request. All fields marked with an asterisk (*) indicate required entry data fields. All areas so marked must be completed in order to effectively and expeditiously execute the trace request. Fields marked with a double asterisk (**) indicate areas of required data entry with available options and codes listed for reference (refer to lists below to determine the appropriate entry and correct nomenclature).

REQUIRED ENTRY FIELDS INCLUDE:

Question 1b** - (Justify Urgent Trace) See Priorities listed below Question 2b** & 2c** - Include Project Code and list NCIC Code Question 3a* - Office Organizational Code For Use by ATF Prequestor Only Question 4a* - ORI - NCIC Originating Requestor Identifier Question 5a*, 5b*, 5c**, 5d*, 5e*, 5f*, 5g* & 5h* - Verify data Question 8a*, 8g* & 8h* - Confirm Recovery data to be submitted

QUESTION 1B - TRACE PRIORITY (Entered Numbered Qualifier to Justify Urgent Trace Request)

NOTE: An urgent trace is deemed necessary when the violation are significant and circumstances warrant or require that the firearm be traced without undue delay. Examples of this are: to hold a suspect, provide probable cause, officer and public safety, etc. The following are examples of significant violations.

1 - Assault 3 - Kidnapping 5 - Rape/Sex 7 - Terrorist Threat
2 - Bank Robbery 4 - Murder/Suicide 6 - Terrorist Act 8 - Other (specify circumstance)

QUESTION 2B - PROJECT CODES (Enter all codes that apply)

AIS	- Adult in School	OBL - Obligated Serial Number	MUN - Murderand Narcotics (Ages 25 & older)
GNG	- Gang Related	ORG - Organized Crime	MIL - Militia Related Project
JSS	- Juvenile & School (Ages 17 & under)	SCH - School Involvement (No Possessor)	YCG - Youth Crime Gun
JVV	- Juvenile & Violence (Ages 17 & under)	SEN - Sensitive/Significant	YIS - Juvenile and School (Ages 18 - 24)

QUESTION 2C - NCIC CRIME CODES (Enter one code only. For complete listing refer to NCIC Manual)

0199	Sovereignty	1311	Aggravated Assault (Police)	2999	Damage Property	5399	Public Peace
0299	Military	1399	Assault	3599	Dangerous Drugs	5499	Traffic Offense
0399	Immigration	1499	Abortion	3699	Sex Offense	5599	Health - Safekeeping
0907	Homicide (Police)	1602	Threat (Terroristic)	3799	Obscenity	5699	Civil Rights
0911	Homicide (Suicide)	1702	Material Witness (Federal)	3802	Cruelty Toward Child	5799	Invade Privacy
0999	Homicide (Street)	2099	Arson	3803	Cruelty Toward Spouse	5899	Smuggling (Customs)
1099	Kidnapping	2199	Extortion	3999	Gambling	5999	Election Laws
1101	Rape	2299	Burglary	4099	Commercial Sex	6099	Antitrust
1199	Sexual Assault	2399	Larceny	4199	Liquor	6199	Tax Revenue
1201	Robbery (Business)	2411	Unauthorized Use of Auto	4899	Obstruction Police	6299	Conservation
1204	Robbery (Street)	2499	Stolen Vehicle	4999	Flight - Escape	7099	Crimes Against Person
1211	Bank Robbery	2599	Counterfeiting	5099	Obstruct	7199	Property Crimes
1212	Car Jacking	2699	Fraud	5199	Bribery	7299	Morals
1299	Robbery	2799	Embezzlement	5211	Explosives	7399	Public Order Crimes
1301	Aggravated Assault (Family)	2899	Stolen Property	5212	Possession of Weapon	8100	Escape (Juvenile)

QUESTION 5C - TYPE OF FIREARM

- C = Combination A weapon designed to be fired from the shoulder which is fitted with both a rifled barrel 16" or greater in length and a smooth-bore barrel 18" or greater in length with an overall length of 26" or more.
- M = Machine Gun A weapon of handgun, rifle or shotgun configuration designed to automatically fire more than one shot, without manually reloading, by a single function of the trigger.
- P = Pistol A weapon which includes single shot and both single or double-action semiautomatic handguns fitted with a barrel(s) with an integral chamber design or having a chamber(s) permanently aligned with the barrel.
- PR = Pistol/Revolver A weapon which includes both single and double-action handguns having a breechloading chambered cylinder designed with a repetitive function based on rotation.
- PD = Pistol/Derringer A weapon which includes single barrel, superposed (over/under) and multi-barrel configuration handguns based on a hinged or pivoting barrel small frame pistol design.
- R = Rifle A weapon designed to be fired from the shoulder which discharges a single projectile through one or more rifled barrels 16" or greater in length with an overall length of 26" or more
- S = Shotgun A weapon designed to be fired from the shoulder which discharge a single or multiple projectiles through one or more smooth-bore barrels 18" or greater in length with an overall length of 26" or more.

PAPERWORK REDUCTION ACT

This request is in accordance with the Paperwork Reduction Act of 1995. The information collection is used by Federal, State and local law enforce-ment officials to request that the Bureau of Alcohol, Tobacco and Firearms trace firearms used or suspected to have been used in crimes.

The estimated average burden associated with this collection of information is 6 minutes per respondent or recordkeeper, depending on individual circumstances. Comments concerning the accuracy of this burden estimate and suggestions for reducing this burden should be addressed to Reports Management Officer, Document Services Branch, Bureau of Alcohol, Tobacco and Firearms, Washington, DC 20226.

An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

ATF F 3312.1 (3-2000)

Acknowledgements

The development of a new uniform reporting system to present crime gun trace information from cities across the United States is a great challenge and an exceptional amount of hard work. It can only be accomplished through the commitment and dedication of the people who collect, research, analyze, and publish the data contained in this report. ATF would like to acknowledge the assistance of those who have made pivotal contributions in furthering the expertise and effectiveness of law enforcement and expanding the scope of public knowledge in the unique area of firearms enforcement

The cornerstone of this effort is the wealth of information on firearms and the crimes in which they are misused. This comes solely from the ATF special agents and their police department counterparts who together have ensured that crime gun traces were submitted timely and accurately. Many worked to improve the comprehensiveness of the information systems and developed new investigative uses for trace information.

Many officials and associates of other agencies and organizations have continued to offer encouragement, practical advice, and outstanding support for this effort in the first 4 years, including the International Association of Chiefs of Police and the Department of Justice, in particular the Bureau of Justice Statistics and the National Institute of Justice.

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The heart of this project is a unique partnership between ATF and members of academic institutions. Together, this team is responsible for the insight that this information provides. In addition to those already mentioned, our joint team has included Gary Orchowski, ATF, Chief, Crime Gun Analysis Branch, and from that staff: Dr. John Freeman, Jeff Heckel, Michelle Bennett Darden, Neil Troppman, Robert Burrows, Hilda Guy, Robbi Santore, and Christine Kimes Raposa.

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