

# The Cost Per Shooting

The true governmental cost of gun-violence to the City, County and State.

## BIRMINGHAM ALABAMA



### Homicide Cost

### Injury Shooting Cost

State Cost	County Costs	City Cost
		<ul style="list-style-type: none"> <li>\$2,757 Police Response</li> <li>\$2,500 Scene Cleanup</li> <li>\$1,085 Fire/EMT Transport</li> </ul>
		<ul style="list-style-type: none"> <li>\$1,428 EMR/Trauma Center</li> <li>\$87,097 Gunshot Surgery</li> </ul>
		<ul style="list-style-type: none"> <li>\$7,200 Police Investigation</li> <li>\$100,438 DA &amp; Public Defender</li> <li>\$6,204 Court Process</li> </ul>
		<ul style="list-style-type: none"> <li>\$71,540 Pre-Trial Incarceration</li> <li>\$604,440 Prison Placement</li> </ul>
		<ul style="list-style-type: none"> <li>\$5,523 Corner's Office</li> <li>\$20,000 Victim of Crimes</li> <li>\$20,952 Receiving Social Service Benefits (one year)</li> </ul> <p><i>(one year support for two families)</i></p>
		<ul style="list-style-type: none"> <li>\$58,850 Income Tax Revenue</li> <li>\$22,275 Sales Tax Revenue</li> </ul> <p><i>(both suspect &amp; murder victim)</i></p>
		<p><b>City Cost: \$72,392</b> 2 suspects = \$144,784</p> <p><b>County Cost: \$315,457</b> 2 suspects = \$630,914</p> <p><b>State Cost: \$705,565</b> 2 suspects = \$1,411,130</p>

**CRIME SCENE**  
**\$6,342**

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**\$6,342**

**HOSPITAL**  
**\$88,525**

**HOSPITAL**  
**\$144,617**

**CRIMINAL JUSTICE**  
**\$113,842**

**CRIMINAL JUSTICE**  
**\$18,366**

**INCARCERATION**  
**\$675,980**

**INCARCERATION**  
**\$544,580**

**VICTIM SUPPORT**  
**\$46,475**

**VICTIM SUPPORT**  
**\$30,476**

**LOST REVENUE**  
**\$81,125**

**LOST REVENUE**  
**\$47,080**

State Cost	County Costs	City Cost
		<ul style="list-style-type: none"> <li>\$2,757 Police Response</li> <li>\$2,500 Scene Cleanup</li> <li>\$1,085 Fire/EMT Transport</li> </ul>
		<ul style="list-style-type: none"> <li>\$1,428 EMR/Trauma Center</li> <li>\$87,097 Gunshot Surgery</li> <li>\$56,092 Rehabilitation</li> </ul>
		<ul style="list-style-type: none"> <li>\$4,500 Police Investigation</li> <li>\$13,020 DA &amp; Public Defender</li> <li>\$846 Court Process</li> </ul>
		<ul style="list-style-type: none"> <li>\$71,540 Pre-Trial Incarceration</li> <li>\$473,040 Prison Placement</li> </ul>
		<ul style="list-style-type: none"> <li>\$20,000 Victim of Crimes</li> <li>\$10,476 Receiving Social Service Benefits (one year)</li> </ul>
		<ul style="list-style-type: none"> <li>\$29,260 Income Tax Revenue</li> <li>\$17,820 Sales Tax Revenue</li> </ul>
		<p><b>City Cost: \$40,102</b> 2 suspects = \$80,204</p> <p><b>County Cost: \$258,319</b> 2 suspects = \$516,638</p> <p><b>State Cost: \$540,120</b> 2 suspects = \$1,080,240</p>

**\$1.0M**  
Per **Homicide** Shooting  
per one suspect

**\$791k**  
Per **Injury** Shooting  
per one suspect

total cost based on two suspects  
**\$1M**  
per injury shooting

total cost based on two suspects  
**\$2.0M**  
per homicide shooting

# Data Sources



## BIRMINGHAM ALABAMA



CRIME SCENE	<b>Subject:</b>	<b>Police Response</b>	<b>Fire/EMT Transport</b>	<b>Scene Clean Up</b>
	<b>Source</b>	<ul style="list-style-type: none"> <li>Interview with retired Police Captain</li> <li>Birmingham :<a href="#">Public Safety Salary Schedule</a></li> <li>Police Job Descriptions: <a href="#">(Link)</a></li> </ul>	Birmingham Fire & Rescue is a combined fire & emergency services department. <ul style="list-style-type: none"> <li><a href="#">Birmingham Finance Operating Budget</a></li> </ul>	<ul style="list-style-type: none"> <li><a href="http://www.crimecleaners.com">www.crimecleaners.com</a></li> <li><a href="http://birminghamcrimescenecleanup.com">http://birminghamcrimescenecleanup.com</a></li> </ul>
	<b>Notes</b>	Each response team to a shooting/homicide scene may consist of the following: <b>Lieutenant &amp; Sergeant (2hr), 3 Detectives (6hrs), 6-8 Patrol</b> responding (2hrs), <b>2 Patrol</b> locking down scene (4 hrs), <b>1-2 CSI, 1 Technician</b>	Total Expenditures = \$62,714,918 Fire/EMS call responses = 57,765  Average cost per response = <b>\$1,085</b> Average call response time = 5:00	Average cost among competitive vendors to clean up crime scenes involving blood = <b>\$2,500</b>
HOSPITAL	<b>Subject:</b>	<b>ER/ Surgery for Gun-Shot Victim</b>		
	<b>Source</b>	<ul style="list-style-type: none"> <li>2020 National Trends and Cost Burden of Surgically Treated Gunshot Wounds in the US <a href="#">(Link)</a></li> <li>2021 Firearm Injuries: Health Care Service Needs and Costs <a href="#">(Link)</a></li> </ul>		
	<b>Notes</b>	Average cost of gun-shot victims treated and release the same day = <b>\$1,428</b> (ER base Cost) Average cost of gun-shot victims requiring surgery and hospital stay = <b>\$87,097</b> (Surgery Cost) + <b>\$56,092</b> (Hospital stay & Rehab costs) Average cost of gun-shot victims who required surgery, a hospital stay, and were released to rehabilitation centers = <b>\$144,617</b> Formula for this study: (ER base cost + Surgery Cost - 1/5 (20%) of surgery cost) = <b>\$70,820</b> per shooting victim requiring surgery.		
CRIMINAL JUSTICE	<b>Subject:</b>	<b>Police Investigation</b>	<b>DA &amp; Public Defender</b>	<b>Court Process</b>
	<b>Source</b>	<ul style="list-style-type: none"> <li>Interview with retired Police Captain over homicide.</li> <li>Birmingham :<a href="#">Public Safety Salary Schedule</a></li> <li>Police Job Descriptions: <a href="#">(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>Estimates of Time Spent in Capital and Non-Capital Murder Cases <a href="#">(Link)</a></li> <li>Public Defenders Office</li> <li><a href="#">Salary:(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>Survey of Judicial Salaries <a href="#">(Link)</a></li> <li>Interview with Court Executive Team member.</li> </ul>
	<b>Notes</b>	Investigations typically can extend over a two year period. An average of <b>125</b> hours is spent on attempted murder cases and <b>200 hours</b> for homicides cases. <ul style="list-style-type: none"> <li><b>\$36/hr</b> (Detective) x 125 hours = <b>\$4,500</b></li> <li><b>\$36/hr</b> (Detective) x 200 hours = <b>\$7,200</b></li> </ul>	<b>1087</b> hours to defend & prosecute a murder case x \$42 (hourly rates) x 2 people (DA & PD) = \$91,308 + 10% overhead = <b>\$100,438</b> . To defend an attempted-murder case requires 1/7 of the time = <b>\$13,020</b>	Combined hourly rates + Overhead of the following staff: Judge, Bailiff, Court Reporter, Clerk = <b>\$141 per hour</b> . \$141 x 44 hours (murder case) = <b>\$6,204</b> \$141 x 6 hours (A felony) = <b>\$846</b>
INCARCERATION	<b>Subject:</b>	<b>Pre-Trial Incarceration</b>	<b>State Prison (Attempted Murder)</b>	<b>State Prison (Murder Case)</b>
	<b>Source</b>	<ul style="list-style-type: none"> <li>Jefferson County Jail Survey <a href="#">(Link)</a></li> <li>Jefferson County Jail FY20 budget <a href="#">(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>Alabama Department of Corrections Annual Report 2020 <a href="#">(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>Alabama Department of Corrections Annual Report 2020 <a href="#">(Link)</a></li> </ul>
	<b>Notes</b>	FY20 Jefferson County Jail Budget = \$48,234,582 FY 20 Jefferson County Jail ADP = 1,366  \$98/day x 2 years = <b>\$71,540</b>	\$72/day to Incarcerate Adult in State Prison. Attempted murder cases serve an average of 20 years in State Prison, subtracting pre-trial 'time-served' in County Jail. (\$72/day x 18 years) = <b>\$473,040</b>	\$72/day to Incarcerate Adult in State Prison. Average inmate serves 25 years for murder, minus time served. (\$72/day x 23 years) = <b>\$604,440</b>
VICTIM SUPPORT	<b>Subject:</b>	<b>Victim of Crimes</b>	<b>Social Service Assistance</b>	<b>Corners Office</b>
	<b>Source</b>	<ul style="list-style-type: none"> <li>Alabama Crime Victims' Compensation Commission <a href="#">(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>TANF: Eligibility and Benefit Amounts in State Cash Assistance Programs <a href="#">(Link)</a></li> <li>SNAP Eligibility and Benefit Amount <a href="#">(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>Jefferson County Coroner FY20 Budget <a href="#">(Link)</a></li> <li>Jefferson County Medical Examiner <a href="#">(Link)</a></li> </ul>
	<b>Notes</b>	<b>Maximum Total compensation = \$20,000</b> This includes up to a maximum of: Funeral, cremation, & burial costs = \$7,000 Work & replacement services cost = \$600/week Counseling = \$6,250 Property damage = \$3,000 Moving = \$2,000	When victim is severely shot, many can't return to work immediately. Since victim may be a major financial contributor to the household, many families may need to apply for social services support. The estimate for this study is for 1 year of Social Service assistance. (\$873/ mo x 12 months) x 2 people = <b>\$20,952</b>	Jefferson County Coroner FY20 Total Budget = \$4,004,429  Total number of autopsies performed in 2020 = 725  Cost per autopsy = <b>\$5,523</b>
LOSS REVENUE	<b>Subject:</b>	<b>Loss Tax Revenue (One person going to jail)</b>	<b>Loss Tax Revenue (Murder: Loss Revenue for 2 people)</b>	
	<b>Source</b>	<ul style="list-style-type: none"> <li>2022 Alabama Dept of Revenue <a href="#">(Link)</a></li> </ul>	<ul style="list-style-type: none"> <li>2022 Alabama Dept of Revenue <a href="#">(Link)</a></li> </ul>	
	<b>Notes</b>	<b>State income tax= 4%.</b> <b>Combined sales taxes = 9%</b> (State 4%, County 1.0%, City 4%). If person earns 30k/year and 1/3 of income toward purchases = \$9,900 per year ( <b>\$891/yr Sales Tax</b> )( <b>\$1,463 Income Tax</b> Link). But if person has to serve a 20 years sentence, then (\$891 x 20 years) = <b>\$17,820 sales tax revenue</b> . (\$1,463 x 20 years) = <b>\$29,260 income tax revenue</b> . If shooting victim doesn't work for one year, then an additional <b>\$2,354</b> (\$891 + \$1,463) <b>of loss revenue</b> is added. <b>Total Loss Revenue = \$49,434</b>	<b>State income tax= 4%.</b> <b>Combined sales taxes = 9%</b> (State 4%, County 1.0%, City 4%). If person earns 30k/ year and 1/3 of income toward purchases = \$9,900 per year ( <b>\$891/yr Sales Tax</b> )( <b>\$1,463 Income Tax</b> ).  But if person has to serve a 25 years sentence, then (\$891 x 25 years) = <b>\$22,275 missed sales tax revenue</b> . (\$1,463 x 25 years) = <b>\$36,575 missed income tax revenue</b> . <b>Total Tax Loss per one individual = \$58,850</b>  <b>Total Loss Revenue for both suspect &amp; murder victim = \$117,700</b>	