



ST. LOUIS
MISSOURI



The Cost Per Shooting

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



**LIVE
FREE**

Homicide Cost

CRIME SCENE

\$8,294

\$5,212 Police Response
\$2,500 Scene Cleanup
\$582 Fire/EMT Transport



HOSPITAL

\$50,400

\$5,200 EMR/Trauma Center
\$45,200 Gunshot Surgery



CRIMINAL JUSTICE

\$148,773

\$7,000 Police Investigation
\$135,657 DA & Public Defender
\$6,116 Court Process



INCARCERATION

\$625,610

\$43,070 Pre-Trial Incarceration
\$582,540 Prison Placement



VICTIM SUPPORT

\$46,076

\$2,500 Corner's Office
\$25,000 Victim of Crimes
\$18,576 Receiving Social Service Benefits
(one year support for two families)



LOST REVENUE

\$122,580

\$122,580 Sales Tax Revenue
(both suspect & murder victim)



\$1M
Per **Homicide**
Shooting

per **one**
suspect

Injury Shooting Cost

CRIME SCENE

\$5,862

\$2,780 Police Response
\$2,500 Scene Cleanup
\$582 Fire/EMT Transport

HOSPITAL

\$123,600

\$5,200 EMR/Trauma Center
\$90,400 Gunshot Surgery
\$28,000 Rehabilitation

CRIMINAL JUSTICE

\$24,588

\$4,375 Police Investigation
\$19,379 DA & Public Defender
\$834 Court Process

INCARCERATION

\$313,535

\$43,070 Pre-Trial Incarceration
\$270,465 Prison Placement

VICTIM SUPPORT

\$34,288

\$25,000 Victim of Crimes
\$9,288 Receiving Social Service Benefits
(one year support for one family)

LOST REVENUE

\$32,688

\$32,688 Sales Tax Revenue

\$534k
Per **Injury**
Shooting

per **one**
suspect



total cost based on two suspects
\$1.9M
per **homicide** shooting



total cost based on two suspects
\$898k
per **injury** shooting



CRIME SCENE

Subject:	Police Response	Fire/EMT Transport	Scene Clean Up
Source	<ul style="list-style-type: none"> Interview with retired Police Captain and Homicide Detective St. Louis Government Salaries (Link) 	<ul style="list-style-type: none"> St. Louis Public Safety Budget Report (Link) 	<ul style="list-style-type: none"> Bio-One Clean-up (Link) St. Louis Crime Scene Clean Up (Link)
Notes	<p>Responses to injury shootings/homicides may include: 1 Lieutenant, 1 Sergeant, Patrol (10 officers), Gang Unit (3 officers), and the Homicide Response Team (4 detectives, 2 Criminalist). Total hours spent per response could range from 56 hours per shooting, to 102 hours per homicide.</p>	<p>Fire Suppression Budget = \$46,578,179</p> <ul style="list-style-type: none"> Total Fire responses = 112,842 Fire Cost per response = \$412 <p>EMT Budget = \$11,883,633</p> <ul style="list-style-type: none"> Total EMT responses = 69,848 EMT Cost per response = \$170 	<p>Average cost among competitive vendors to clean up crime scenes involving blood = \$2,500</p>

HOSPITAL

Subject:	ER/ Surgery for Gun-Shot Victim
Source	<ul style="list-style-type: none"> Interview with Trauma Center employees. National Emergency Room Database:(Record of 30 million emergency department visits in 950 hospitals in the U.S.) Cost of Gun Violence: John Hopkins study of Emergency Room Admissions
Notes	<p>Average cost of gun-shot victims treated and release the same day = \$5200 (ER base Cost) Average cost of gun-shot victims requiring surgery and hospital stay = \$95,867 (Surgery Cost) 1/3 of gun-shot victims who required surgery were release to rehabilitation centers where average total medical bill = \$179,000 (ER cost, Surgery & Rehabilitation Cost) Formula for this study: (ER base cost + Surgery Cost + 1/3 Rehabilitation Cost) = \$123,600 per shooting victim requiring surgery.</p> <ul style="list-style-type: none"> 1/2 of all homicide victims receive surgery before they die, so we use \$45,200 to represent half of all homicide victims.

CRIMINAL JUSTICE

Subject:	Police Investigation	DA & Public Defender	Court Process
Source	<ul style="list-style-type: none"> Interview with retired Police Captain over homicide. St. Louis Government Salaries (Link) 	<ul style="list-style-type: none"> Estimates of Time Spent in Capital and Non-Capital Murder Cases (Link) Interview with Public Defenders Office St. Louis County (Attny IV & Attny II) (Link) 	<ul style="list-style-type: none"> Judicial Weighted Caseload Measurement (Link) Survey of Judicial Salaries (Link) Court Reporter (Link), Court Clerk (Link), Bailiff (Link) Interview with Court Executive team member
Notes	<p>Investigations typically can extend over a two year period. An average of 125 hours is spent on attempted murder cases and 200 hours for homicides cases.</p> <ul style="list-style-type: none"> \$35/hr (Detective) x 125 hours = \$4,375 \$35/hr (Detective) x 200 hours = \$7,000 	<p>1087 hours to defend & prosecute a murder case x \$96 (DA \$57/hr + PD \$39/hr) = \$104,352 + 30% overhead = \$135,657. To defend an attempted-murder case requires 1/7 of the time = \$19,379</p>	<p>Combined hourly rates of the following staff: Judge, Bailiff, Court Reporter, Court Clerk = \$139 per hour. \$139 x 44 hours (murder case) = \$6,116 \$139 x 6 hours (A felony) = \$834</p>

INCARCERATION

Subject:	Pre-Trial Incarceration	State Prison (Attempted Murder)	State Prison (Murder Case)
Source	<ul style="list-style-type: none"> St. Louis County Budget FY2018 (Link) 	<ul style="list-style-type: none"> Attempted Murder (Class B Felony) (Link) Missouri Sentencing Advisory Commission (Link) 	<ul style="list-style-type: none"> Missouri Sentencing Report (Link) Missouri Department of Corrections (Link)
Notes	<ul style="list-style-type: none"> Total Sheriff County Jail Budget FY2018 = \$27,295,644 Average daily population = 1,259 Daily cost per inmate = \$59/day <p>Average 2 year period of pre-trial incarceration in the county upon sentencing and placement into State Prison. \$59/day x 2 years = \$43,070</p>	<p>\$57/day to incarcerate Adult in State Prison. Attempted murder cases, (Class B Felony), serve a maximum of 15 years in State Prison; subtracting pre-trial 'time-served' in the County Jail. (\$57/day x 13 years) = \$270,465</p>	<p>\$57/day to incarcerate an adult in the State Prison. Average inmate serves 30 years for murder, minus time served. (\$57/day x 28 years = \$582,540)</p>

VICTIM SUPPORT

Subject:	Victim of Crimes	Social Service Assistance	Coroner's Office										
Source	Crime Victims Compensation Program (Link)	<ul style="list-style-type: none"> TANF: Eligibility and Benefit Amounts in State Cash Assistance Programs (Link) 	<ul style="list-style-type: none"> Cost of Autopsy (Link) 										
Notes	<table border="0"> <tr> <td>Homicide Victim:</td> <td>SHOOTING VICTIM</td> </tr> <tr> <td>\$5,000 Funeral Expenses</td> <td>\$16,800 Loss wages</td> </tr> <tr> <td>\$2800 Bereavement</td> <td>\$4,000 Mental Health</td> </tr> <tr> <td>\$17,200 Loss of support</td> <td>\$ 4,200 Medical Expenses</td> </tr> <tr> <td>\$25,000 TOTAL</td> <td>\$25,000 Total</td> </tr> </table>	Homicide Victim:	SHOOTING VICTIM	\$5,000 Funeral Expenses	\$16,800 Loss wages	\$2800 Bereavement	\$4,000 Mental Health	\$17,200 Loss of support	\$ 4,200 Medical Expenses	\$25,000 TOTAL	\$25,000 Total	<p>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. (\$774/ mo x 12 months) x 2 families = \$18,576</p>	<p>The average cost of an autopsy from the Medical Examiner is \$2,500.</p>
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LOSS REVENUE

Subject:	Loss Tax Revenue (One person going to jail)	Loss Tax Revenue (Murder: Loss Revenue for 2 people)
Source	<ul style="list-style-type: none"> Income Tax (Link) , Sales Tax (Link) 	<ul style="list-style-type: none"> Income Tax (Link) , Sales Tax (Link)
Notes	<p>Missouri State Income Tax = 3.75% (State Sales Tax = 4.23%, County Sales Tax = 4.95%) Combined Sales Tax = 9.18% of purchases. If person earns 30k/year and 1/3 of income toward purchases, then 9.18% of \$10,000 per year= \$918/yr Sales Tax But if person has to serve a 15 years sentence for attempted murder, then (\$918 x 15 years) = \$13,770 of missed sales tax revenue. \$16,875 of loss income tax.</p> <p>If shooting victim doesn't work for one year, then an additional \$2,043of loss revenue is added. Total Combined Loss Tax Revenue = \$32,688 - (County \$7,920, State \$24,768)</p>	<p>Missouri State Income Tax = 3.75% Combined Sales Tax = 9.18% of purchases. (State Sales Tax = 4.23%, County Sales Tax = 4.95%)</p> <p>If person earns 30k/year and 1/3 of income toward purchases, then 9.18% of \$10,000/year= \$918/yr Sales Tax. If a person earns 30k/year in income, then 3.75% of \$30,000/year = \$1,125/year Income Tax.</p> <p>Average murder sentence is 30 years. If a person has to serve a 30 years sentence and the victims is dead, then (\$2,043 x 30 years x 2 people), for a combined loss revenue of \$122,580</p> <p>Total Loss Revenue for both suspect & murder victim = \$122,580 - (County \$29,700, State \$92,880)</p>