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

Detroit, Michigan

Homicide Cost

- Crime Scene
  - Police Response: $1,520
  - Scene Cleanup: $2,500
  - Fire/EMT Transport: $2,109
  - CRIME SCENE Total: $6,129

- Hospital
  - EMR/Trauma Center: $1,428
  - Gunshot Surgery: $87,097
  - Hospital Total: $88,525

- Criminal Justice
  - Police Investigation: $12,800
  - DA & Public Defender: $105,221
  - Court Process: $6,292
  - CRIMINAL JUSTICE Total: $124,313

- Incarceration
  - Pre-Trial Incarceration: $132,130
  - Prison Placement: $1,175,300
  - INCARCERATION Total: $1,307,430

- Victim Support
  - Corner’s Office: $2,690
  - Victim of Crimes: $25,000
  - Social Service Benefits: $26,592 (one year support for two families)
  - VICTIM SUPPORT Total: $54,282

- Lost Revenue
  - Sales Tax Revenue: $155,340
  - Lost Revenue Total: $155,340

Total Homicide Cost: $1,7M (based on two suspects)

Injury Shooting Cost

- Crime Scene
  - Police Response: $1,520
  - Scene Cleanup: $2,500
  - Fire/EMT Transport: $2,109
  - CRIME SCENE Total: $5,525

- Hospital
  - EMR/Trauma Center: $1,428
  - Gunshot Surgery: $87,097
  - Rehabilitation: $56,092
  - Hospital Total: $144,617

- Criminal Justice
  - Police Investigation: $6,292
  - DA & Public Defender: $13,640
  - Court Process: $918
  - CRIMINAL JUSTICE Total: $15,198

- Incarceration
  - Pre-Trial Incarceration: $94,170
  - Prison Placement: $545,675
  - INCARCERATION Total: $639,845

- Victim Support
  - Corner’s Office: $2,500
  - Victim of Crimes: $1,732
  - Receiving Social Service Benefits: $26,592 (one year support for two families)
  - VICTIM SUPPORT Total: $38,296

- Lost Revenue
  - Sales Tax Revenue: $38,835
  - Lost Revenue Total: $38,835

Total Injury Shooting Cost: $882k (based on two suspects)

Total Cost: $1.7M (Per Homicide Shooting)

$3.4M (Per Homicide Shooting)

$1.7M (Per Injury Shooting)
Police Response

Source
- Interview with retired Police Captain
- City of Detroit Compensation Schedule

Notes
Each response team to a shooting/homicide scene may consist of the following: Lieutenant & Sergeant (2hr), 3 Detectives (6hrs), 6-8 Patrol responding (2hrs), 2 Patrol locking down scene (4 hrs), 1-2 CSI, 1 Technician

Scene Clean Up

Total FY20 Expenditures = $122,340,554
Fire/EMS call responses = $8,000
Average cost per response = $2,109

Average cost among competitive vendors to clean up crime scenes involving blood = $2,500

Police Investigation

Source
- Interview with retired Police Captain
- City of Detroit Compensation Schedule

Notes
Investigations typically can extend over a two year period. An average of 20 hours is spent on attempted murder cases and 400 hours for homicides cases.
- $32/hr (2 Detectives) x 10 hours = $640
- $32/hr (2 Detectives) x 200 hours = $12,800

DA & Public Defender

Source
- Estimates of Time Spent in Capital and Non-Capital Murder Cases
- Interview with Public Defenders Office

Notes
1087 hours to defend & prosecute a murder case x $88 (DA $44/hr + PD $44/hr) = $95,656 + 10% overhead = $105,221. To defend an attempted-murder case requires 1/7 of the time = $13,640

Court Process

- Michigan Judiciary Budget
- Interview with Court Executive Team

State Prison (Attempted Murder)

Source
- Wayne County Jail Budget

Notes
Average Daily Cost Per Inmate: $181
Average 2 year period of pre-trial incarceration in the county upon sentencing and placement into State Prison.$181/day x 2 years = $132,130

State Prison (Murder Case)

Source
- The Michigan Penal Code

Notes
$115/day to incarcerate Adult in State Prison
Attempted murder cases serve an average of 15 years in State Prison, subtracting pre-trial ‘time-served’ in County Jail. ($115/day x 13 years) = $545,675

Coroner’s Office

Source
- Wayne County Budget
- Wayne County Medical Examiner pg 27-15

Notes
Wayne County Medical Examiner annual budget is $6,940,230. In FY20 the medical examiner conducted 2,580 autopsies resulting in an average cost of $2,690 per case.

Loss Tax Revenue

Source
- State/City Income tax 6.65% (State 4.25%, City 2.4%)
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Notes
State Sales tax 6% of purchases. If 1/3 of income toward purchases = 6% of $9,900 per year = $594/y Sales Tax (Combined tax = $2,589)
But if person has to serve a 15 years sentence for attempted murder, then ($2,589 x 15 years) = $38,835 of missed sales tax revenue.
If shooting victim doesn’t work for one year, then an additional $2,589 of loss revenue is added. Total Loss Sales Tax Revenue = $41,424

Average murder sentence is 30 years. But if a person has to serve a 30 years sentence and the victim is dead, then ($2,589 x 30 years x 2 people), for a combined loss revenue of $155,340

Total Loss Revenue for both suspect & murder victim = $155,340