

INNOVATIVE SOLUTIONS TO STRENGTHEN CITIZEN SECURITY  
AND ACCESS TO JUSTICE

## FOGO CRUZADO INSTITUTE

CONTROLLING ARMED VIOLENCE  
THROUGH SOCIAL MONITORING



**More than 1 million people were  
murdered in Brazil in 20 years ...**

**... 7 in every 10 were killed by  
gunshots !**

# And we stil have more questions than answers

- Why people are mudered?
- Who is being killed?
- Who is committing those crimes?
- What are the impacts of the high letal violence?

**People live and suffer with gun violence every day, seeking solutions to stay informed and survive. By using technology to transform this knowledge into information, we can help save more lives!**



# Technology and open data for life.

**Fogo Cruzado produces data on gun violence and puts technology at the service of the preservation of life. By breaking up with the monopoly on information about armed violence we also change narratives and push for a cultural change on the debate of public safety more democratic, participative, citizen and human rights-based**

# FOGO CRUZADO INSTITUTE

- Created in 2016
- Covers 49 cities in the metropolitan regions of Rio de Janeiro, Recife and Salvador
- 40 variables tracked
- Collaborative real-time data - open to the public
- More than 40 thousand records of shots checked and published
- More than 300 thousand downloads of the app
- More than 6 thousand news mentions and reports
- Almost 200 hundred academic papers published with our data

# HOW WE WORK?

- STEP 1 – Direct collaboration, social network research, press tracking
- STEP 2 – Transforming social experience into numbers
- STEP 3 – Open data and diversified distribution strategy
- STEP 4 – Traducing data into stories
- STEP 5 – Helping others to do the same

# WHAT SAYS OUR DATA?



## **VIOLENT ROUTINES:**

**AVERAGE OF 19 SHOOTINGS IDENTIFIED  
EVERYDAY, RESULTING IN 10 PEOPLE WOUNDED  
(60% DEAD)**

# STRAY BULLETS

**1346** stray bullets victims  
in almost 7 Years: 22% of  
them died

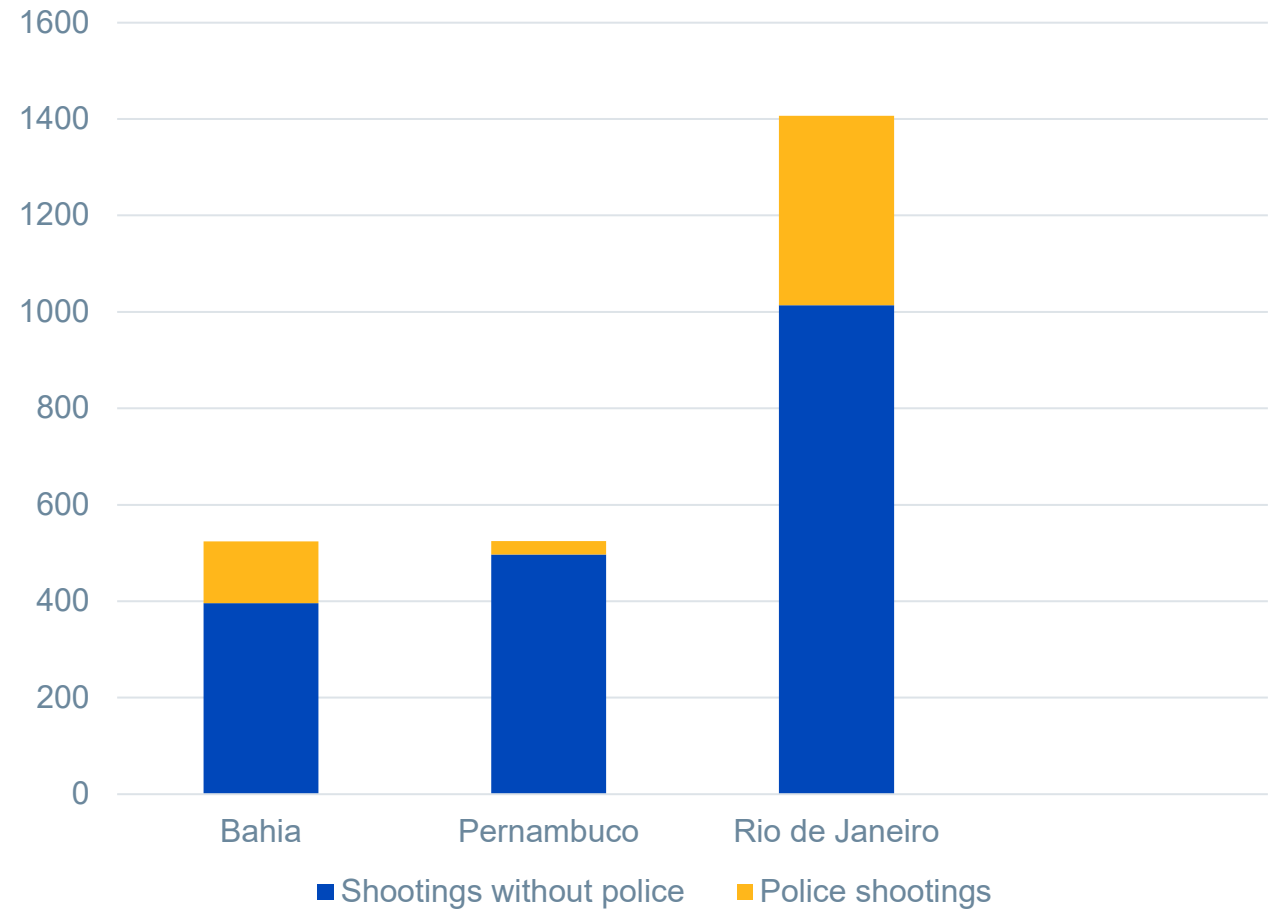
- 52% of victims were shot during police action
- 9% were kids, and 3 victims were shot inside their mothers wombs
- 39% were women
- 140 people were accidentally shot inside their homes, 22 in public transportation and 17 in schools

# POLICE VIOLENCE

In Bahia and Rio de Janeiro, violent actions from police responds for more than a third of gun violence.

Gang disputes and robbery are also common causes of armed violence, but after police actions.

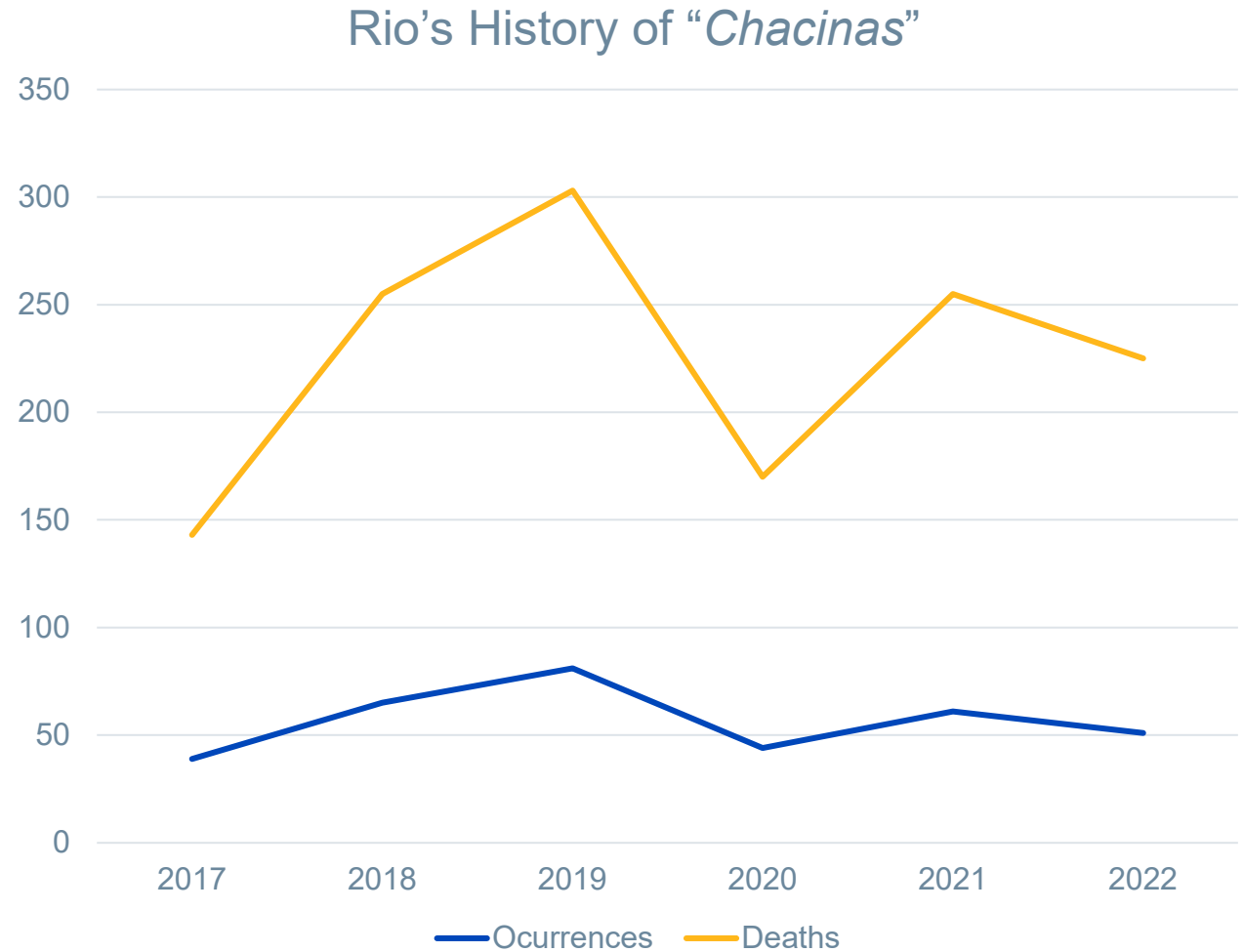
## 2023 – New Year First Hundred Days



# MASSACRES

Rio's metropolitan region registers a “*chacina*” for week. 75% of them happens during police operations.

Rio is the state of police massacres.



# VIOLENT STREETS

In Bahia, out of control actions by police and drug gangs bring terror to peoples lives. Shootings can breakout everywhere, at any time.

- In 10 months, 90 police pursuits ended in gunshots at broad day light, resulting in 70 people injured
- 33 drive by shootings ended in 27 people hurt and killed, including children, in squares, corners and pubs.

# VIOLENCE AT HOME

In Pernambuco, armed violence has invaded people's homes. In the pandemic the situation got worst. 2021 and 2022 were the worst years in the last 5 years.

- 1064 people were shot in their homes: 850 died.
- 84% of people shot at home were man.
- But 26% of women victims of armed violence were shot at home.

**FOGO CRUZADO  
TRACKS 40  
VARIABLES  
INCLUDING ...**

- **Children and teenagers**
- **Violence by gender and race**
- **Professional hazards**
- **Impacts on services as education, health and transportation**

# PRESSURE THAT PRODUCE RESULTS

- Grounds for the **Supreme Court decision** to limit police operations in “*favelas*” (ADPF 635)
- Grounds for **laws** that determined (i) prioritizing the investigation of homicides against children and adolescents and (ii) the possibility of suspending classes due to shootings
- Instrument for the **Prosecutor’s Office** to monitor how gun violence affects the guarantee of access to education
- Change of attitude at **Cabo de Santo Agostinho City Hall** and reactivation of the Municipal Youth Council after an article published in Marco Zero, by a journalism scholar from the Fogo Cruzado project



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**For analysis on public:**

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