

Firearms Incidents monitor – user guidelines

1. The Firearms Incidents monitor is hosted at <u>https://maps.gunviolence.eu</u>.

In the menu bar, you can search for incidents by **date** (from 2023 up to now) and by **region** (all of the EU or one or two countries like NL + BE). If you are logged in, you can also search by **keywords** (e.g., Brussels) an dby **labels** that have been assigned to each incident (e.g., ROBBER).

Click 'Show' after defining your search to view the results.



Click and drag the map, and zoom in and out by pinching or by using + and – from the top left. Hover over an incident O to show an infobox. Click on the incident to view all available information. If several incidents were found at the same location, they will appear arranged in a circle:



Click on 'Show feed' in the menu bar to view all known incidents, from most recent to oldest:

irearms incidents from 01/01/	2023 to 31/01/2023 in	EU Clear Show II &		Show m
	normal • crime • shooting • FIR	EARM · injury · police · perpetrator · age*	• gender of • @place • noise	
2023-01-27 • IT • 💵 • Italy • Re	ggio Calabria • ROBBERY			
Reggio Calabria, tre ar - Il Fatto Quotidiano	resti per rapina a un porta	valori. "Intercettazioni fondamen	tali. Senza sarebbe come t	ornare al calesse"
EN Armed robbers assault a securit	y van, stealing €627,500 and injuring a gua	rd in Reggio Calabria.		
Il procuratore di Palmi Emanuel Comune di Melicuccà porta a Sa KALASHNIKOV un furgone portav	e Crescenti lo ha definito un "un verc In Procopio, in provincia di Reggio Ca alori della Sicurtransport.	o e proprio atto di guerra" quello che si è consur alabria. Quel giorno tra le campagne della Pian	nato il 2 maggio 2019 @sulla strada pro a di Gioia Tauro, una banda di rapinat o	ovinciale 27 che dal ri assaltò a colpi di
ILFATTOQUOTIDIANO.IT				
2023-01-27 • IT • 💵 • Italy • Re	ggio • ROBBERY			
	al portavalori e alle Poste di Meli	icuccà: 7 arresti		
Reggio, la banda dell'assalto		sit van and the Post Office.		
Reggio, la banda dell'assalto	Italy for a robbery involving a cash-in-trans			D
Reggio, la banda dell'assalto EN Seven people arrested in Reggio Il 2 maggio 2019 avrebbero rapin bloccato il blindato, sbarrando la 627.500 euro e la PISTOLA di uni	Italy for a robbery involving a cash-in-tran ato a colpi di (KALASHNIKOV) un furgo a @strada con tronchi d'albero taglia a delle due guardie giurate.	ne portavalori @sulla Strada provinciale 27 che ti e riversi sull'asfalto, e averlo tamponato con	e dal Comune di Melicuccà porta a San una Fiat Uno rubata, armi in pugno si s	Procopio. Dopo aver sono fatti consegnare

- 3. The menu bar shows the current search filters (date and region).
- **4.** Each article in the feed has a **date**, **country**, **city**, and the **type** of incident (e.g., ROBBERY). The location and the type of incident are predicted automatically by the AI.
- 5. Each article in the feed has a **summary** in English, again generated by the AI, followed by the first sentences of the news article, in its original language.
- Each article may have highlighted keywords: dark blue for mentions of perpetrators, light blue for police, red for victims, injuries and FIREARMS, bold black for shooting and crime, and an @ prefix for @places.
- 7. At the bottom is the link to the original article.
- 8. Related articles are grouped together as a single incident.
- 9. Click on 'Show map' to view incidents on the world map.



Click on the title of any article to see more detailed information:

On the left are all the articles covering the incident. On the right is information extracted by the AI.

- **10.** The blue infobox shows information about perpetrators and victims' **age** & **gender**, **motive** (e.g, **MONEY**) and their **relation**. It also shows the type of incident, whether shots were fired or explosions heard (EX), along with the number of people killed, injured and arrested, and which weapons were involved.
- **11.** Click on the minimap to display the world map of incidents.
- 12. The table below shows an overview of translated keywords identified by the AI and that were used in its decision-making process. The table is included for transparency: you can use it to evaluate the reliability and usefulness of the predictions for yourself. Click the arrow ▼ next to the table title to collapse or expand it. You can view 1,000 detail pages per day.

Users that are logged in can also search by keywords and labels:

earms incidents from 19/11/2023	to 29/11/2023 in 👔	× EU with × ASSAULT RIFLE × V<20 × N	ice Clear Show 🛃	II. 🔺 Show map
2023-11-28 • FR • 🚺 • France • Nice	• DRUGS			***** (=)
"La rue n'appartient pas au	ix trafiquants" : la CRS 8	8 déployée à Nice après une nou	velle fusillade aux Moulin	s
[EN] Two victims were injured in a shooting Deux semaines après que des dealers sérieusement blessé tandis qu'un sec	incident in the Moulins neighborhood ont réglé leurs comptes à coups ond, un mineur isolé de 17 ans°, a édlé leurs comptes à coups de 17	of Nice. The perpetrators, believed to be dealers, used de (KALACHNIKOY) les armes ont à nouveau par a été touché plus légèrement aux jambes. C'est (ACHNIKOY) et maloré six internellations, les au	f a kalachnikov. The motive is suspected t lé lundi soir, faisant deux victimes. t un peu la ritournelle dans le quarti rmes ont à nouveau parlé lundi soir.	o be drug-related. Un homme or a été er des Moulins, à Nice. Deux faisant deux victimes. Un

13. Users that are logged in with edit permissions see a star rating (e.g., ★★★★☆) for each article in the feed. The star rating represents the confidence of the AI when it decided to include the article. Articles with fewer stars may be false positives. Overall, the AI's predictions are about 93% accurate.

You can click the checkbox \checkmark on the right to manually include or exclude an article. Excluded articles appear greyed out in the feed. The AI will learn from these corrections to improve its future predictions.

14. Articles can be grouped, ungrouped or regrouped by hand. Click the link icon. A circle will appear around it. All articles with a circle around the icon will be grouped together when you click 'Regroup' at the bottom. Click the icon again. A backslash \ will appear over it. All articles with a backslash will be ungrouped from any other articles. It can take up to 10 seconds for the server to process the changes (it has its own task schedule). After 10 seconds, refresh the page if you want to verify the changes.

If a percentage is shown below the link icon, this represents the Al's confidence when it decided to include the article in the group. The Al will group new articles every couple of days.

15. Users that are logged in with edit permissions can edit the blue infobox on the detail page. Click the pencil icon at the bottom right of the box to open a side panel:

PERPETRATORS	37 _M 34 _M 3	SUMMARY	Seven people arrested in Reggio, Italy for a robbery involving a cash-in-transit van and the Post Office		
VICTIMS		HAPPENED	02/05/2019		
CONTEXT			Save Cancel		
WEAPON	ASSAULT RIFLE PISTOL 7.62MM O				
INCIDENT	Seven people arrested in Reggio, Italy for a robbery involving a cash-in- transit van and the Post Office. HAPPENED 2019-05-02				
		15			



Users that are logged in can see visual analytics for their search queries:

- Visual analytics are only available to registered users. Click the Sign In button in the menu bar, and then click 'Request Access' to apply. Requests are manually reviewed.
- Visual analytics display **aggregated** results for a search query, for example the number of times that pistols are mentioned across multiple articles. The charts may help you to formulate insights about the evolution of gun violence, but care must be taken with their interpretation because the Al is not 100% foolproof.
- Visual analytics are updated on a daily basis they won't include the most recent incidents.
 Click on the labels in the charts to view the feed of related articles.

For further information, use the contact button on gunviolence.eu

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