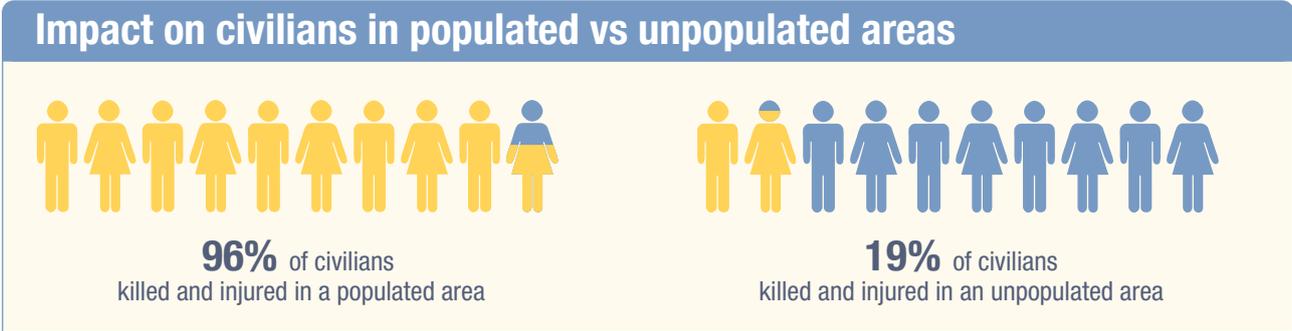
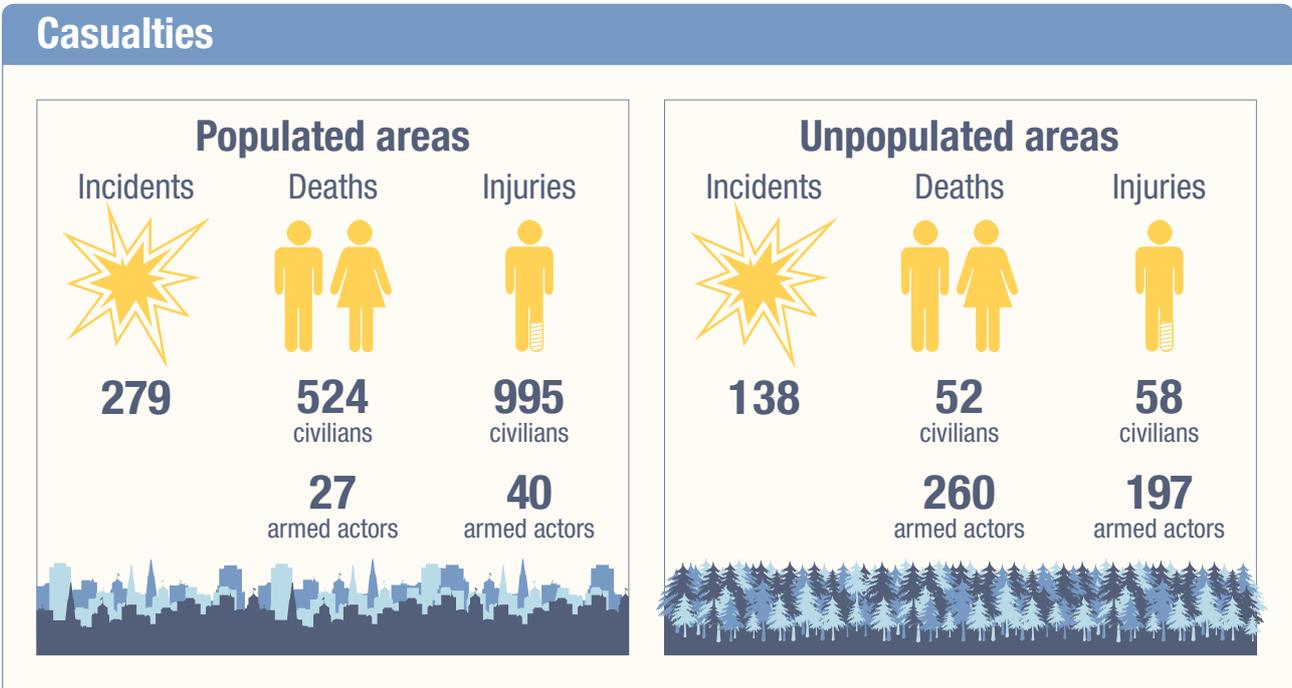




A civil society initiative that conducts research and analysis on harms and practices from the use of explosive weapons in populated areas for the International Network on Explosive Weapons (INEW).

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MONTHLY UPDATE MAY 2022

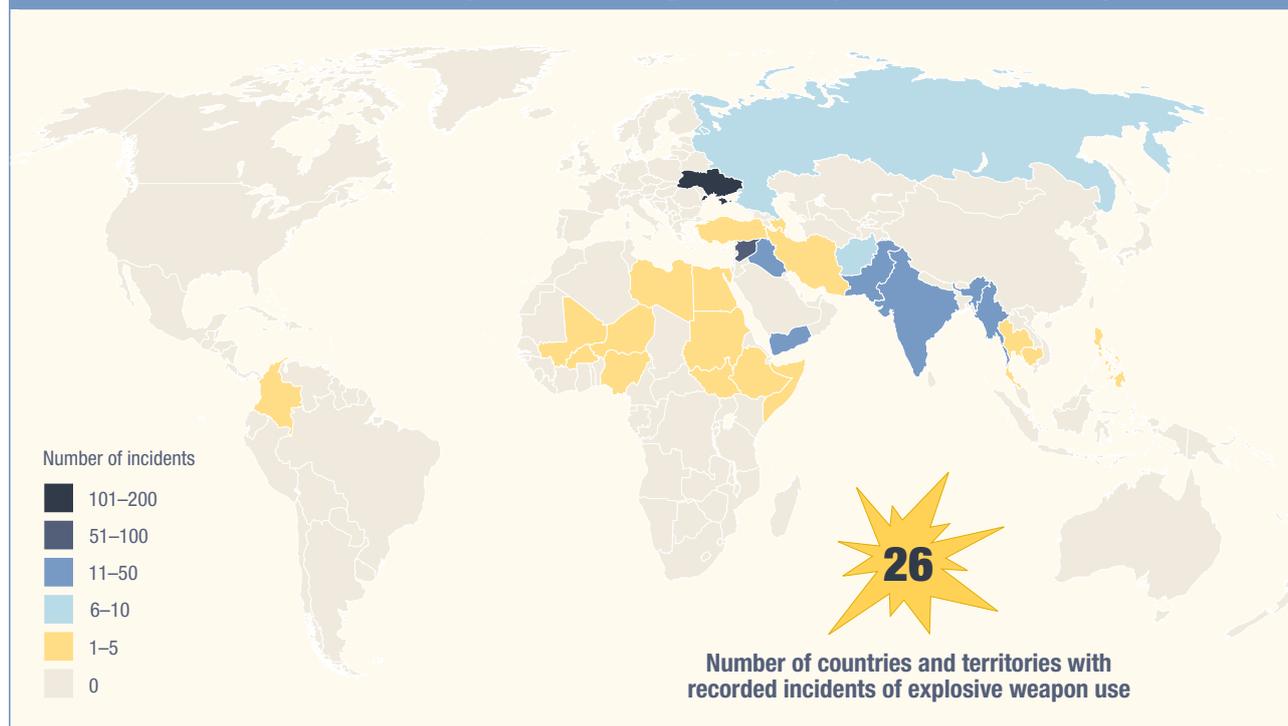


At least one death or injury from the use of explosive weapons was recorded in **26** countries and territories in May 2022. Worldwide, there were 417 incidents of explosive weapon use, causing 2,153 casualties, of which 1,629 (76%) were civilians. Some of the most affected countries and territories in terms of civilian casualties from the use of explosive weapons were Afghanistan, Myanmar, Syria, Ukraine, and Yemen.

There were 26 incidents of explosive weapon use affecting aid access, education and healthcare services in May 2022. The vast majority of incidents took place in Ukraine where ground-launched shelling damaged or destroyed hospitals and pharmacies. Two incidents also occurred in Afghanistan and Nigeria, where directly-emplaced explosive weapons disrupted aid access.

This data may include some incidents where a device did not detonate or where there were no civilian casualties, and includes incidents where historical items such as unexploded ordnance were found and which affected the provision of these services.

Recorded incidents of explosive weapon use by state / territory



Afghanistan



66 Civilian casualties

In May 2022, there were eight incidents of explosive weapon use recorded in Afghanistan which resulted in 66 civilian casualties, of whom 20 were killed and 46 injured. There were at least three children and three women among the civilian casualties. Civilians accounted for 99% of the total 67 casualties, as there was also one recorded armed-actor casualty, who was injured.

The majority of civilian casualties, 95% (63), occurred in populated areas. Specifically, 38% (25) of recorded civilian casualties occurred on public transport, 36% (24) in places of worship, 11% (7) in markets, 7% (5) on roads, and 3% (2) at public gatherings. The remaining 5% (3) of civilian casualties occurred in other or unknown locations.

The regions in which civilian casualties were reported in Afghanistan were Balkh (28 civilian casualties), Kabul (28), Nangarhar (7), and Kunduz (3).

The majority of civilian casualties, 95% (63), were caused by non-state actors' use of explosive weapons. ISIS were the reported perpetrator in the case of 41% (27) of civilian casualties, and unknown non-state forces were the reported perpetrator in the case of 54% (36). Groups of unknown status and name were the perpetrator in the cases of 5% (3) of civilian casualties.

The use of IEDs was the cause of 95% (63) of civilian casualties, specifically non-specific IEDs (60), and roadside bombs (3). Ground-launched weapons were the cause of 5% (3) of civilian casualties, specifically UXOs.

Afghanistan

The highest casualty incident occurred on 25 May 2022, when as many as 10 civilians were killed and 15 injured in an ISIS IED attack on buses in Mazar-i-Sherif.

The number of incidents of explosive weapon use in Afghanistan in May 2022 saw a sharp decrease from April, in which 16 incidents were recorded that caused 518 civilian casualties (191 killed and 327 injured). However, levels of explosive violence remain higher than March, in which 3 reported incidents of explosive weapon use caused 29 civilian casualties (9 killed, 20 injured). [🔗 Source: AFP.](#)



Aid access

On 09 May 2022 in Asad Abad city, Kunar province, Afghanistan, a United Nations Population Fund (UNFPA) vehicle struck a remote-controlled IED, causing damage to it. One security guard was wounded. [🔗 Source: The West.](#)

Azerbaijan



1 Civilian casualty

In May 2022, there were three incidents of explosive weapon use recorded in Azerbaijan which resulted in the death of one civilian and the injury of two armed actors.

On 12 May 2022, one civilian was killed in a landmine explosion in Aghdam.

[🔗 Source: AzerNews.](#)

Burkina Faso



Casualties

In May 2022, there was one incident of explosive weapon use recorded in Burkina Faso which resulted in 10 armed-actor casualties, all of whom were killed. There were no civilian casualties from explosive weapons recorded in Burkina Faso in May.

On 26 May 2022, 10 jihadist militants were killed in a military airstrike, in Soum.

[🔗 Source: Defense Post.](#)

Cambodia



2 Civilian casualties

In May 2022, there were two recorded incidents of explosive weapon use in Cambodia which resulted in two civilian casualties, of whom one was killed and one injured. There were no armed-actor casualties from explosive weapon use in May.

On 22 May 2022, one civilian was killed when his tractor detonated a landmine in Preah Vihear. [🔗 Sources: Phnom Penh Post, Khmer Times.](#)

Colombia



Casualties

In May 2022, there was one recorded incident of explosive weapon use in Colombia which resulted in the injury of one armed actor. There were no recorded civilian casualties.

On 2 May 2022, one security guard was injured in a car bomb explosion outside a public building in Cauca. Though the perpetrator of the attack is unknown, it is presumed the bomb was placed by non-state actors. [🔗 Source: CMIO.](#)

Egypt



3 Civilian casualties

In May 2022, there were three recorded incidents of explosive weapon use in Egypt, one of which resulted in three civilian casualties, all of whom were children that were injured. Civilians accounted for 16% of all casualties, as 16 armed actors were also killed in Egypt in May.

On 21 May 2022, three young girls were injured in a landmine explosion on agricultural land near Arish. [🔗 Source: Egypt Watch.](#)

Ethiopia



19 Civilian casualties

In May 2022, there was one incident of explosive weapon use recorded in Ethiopia which resulted in 19 civilian casualties, one of whom was killed and 18 injured. These civilian casualties included at least one child, who was killed. There were no recorded armed-actor casualties in Ethiopia in May.

On 29 May 2022, one girl was killed and 18 more civilians were injured by alleged Eritrean shelling in Shiraro, in the Tigray region. Residential houses were damaged in the attack. [🔗 Sources: Al Jazeera, Reuters.](#)

India



44 Civilian casualties

In May 2022, there were 13 incidents of explosive weapon use recorded in India which resulted in 44 civilian casualties. Of these, seven were killed and 37 injured. At least three recorded civilian casualties in May were children. There were also 10 recorded armed-actor casualties, all of whom were injured.

The majority of civilian casualties, 98% (43), occurred in populated areas. Specifically, 63% (28) occurred on public transport, 11% (5) in public buildings, 9% (4) in commercial premises, 7% (3) in transport related infrastructure, 5% (2) in villages, and 2% (1) in urban residential areas.

The regions in which civilian casualties were reported in India were Jammu and Kashmir (35 civilian casualties), Manipur (5), Uttar Pradesh (2), West Bengal (1), and Rajasthan (1).

The majority of civilian casualties, 87% (39), were caused by unknown non-state actors' use of explosive weapons. One civilian was injured by state actors' use of explosive weapons, when a shepherd grazed goats on a restricted state firing range and an unexploded ordnance blew up. The remaining 9% (4) of civilian casualties were caused by actors of unknown name and status.

The use of directly emplaced weapons was the cause of 80% (35) of civilian casualties, specifically non-specific IEDs. Ground-launched weapons were the cause of 16% (7) of civilian casualties, specifically grenades. Unexploded ordnance of unclear launch methods were the cause of the remaining 5% (2) of civilian casualties.

The highest casualty incident took place on 13 May 2022, when four civilians were killed and 24 injured in an IED attack by unknown non-state actors on a bus in Katra (Jammu and Kashmir).

The number of incidents of explosive weapon use in India in May 2022 saw a sharp increase from April, in which eight incidents were recorded that caused 12 civilian casualties (two killed and 10 injured). However, the number of incidents of explosive weapon use remains lower than March, in which 17 reported incidents caused 80 civilian casualties (19 killed, 61 injured). [🔗 Sources: First Post, India Today, Times of India.](#)

Iran



2 Civilian casualties

In May 2022, there were two incidents of explosive weapon use recorded in Iran which resulted in two civilian casualties, all of whom were injured. At least one woman was recorded among the civilian casualties. There were no armed-actor casualties recorded in Iran in May.

On 10 May 2022, one man was injured in a landmine explosion, in Piranshahr, and on 13 May 2022, one woman was injured in a landmine explosion in Saqqez. [🔗 Sources: Hengaw, Hengaw II.](#)

Iraq



42 Civilian casualties

In May 2022, there were 26 reported incidents of explosive weapon use in Iraq which resulted in 42 civilian casualties, 14 of whom were killed and 28 injured. At least three civilian casualties were recorded as children. Civilians accounted for 33% of all casualties, as 87 armed-actor casualties were also recorded, 74 of whom were killed and 13 injured.

The majority of civilian casualties, 83% (35), occurred in populated areas. Specifically, 50% (21) occurred in villages, 19% (8) in encampments, and 14% (6) in urban residential areas.

The regions in which civilian casualties were reported in Iraq were Diyala (14 civilian casualties), Sulaimaniyah (11), Nineveh (9), Duhok (6), Dhi-Qar (1), and Basra (1).

The majority of civilian casualties, 52% (22), were caused by non-state actors' use of explosive weapons. Specifically, ISIS were the reported perpetrators of 38% (16) of civilian casualties, and unknown non-state actors of 14% (6). State actors' use of explosive weapons caused 31% (13) of civilian casualties, specifically Turkey, 26% (11) and Iraq, 5% (2).

The use of ground-launched weapons caused 33% (14) of civilian casualties, specifically mortars. Air-launched weapons caused 31% (13) of civilian casualties, specifically air strikes. Directly emplaced weapons caused 21% (9) of civilian casualties, specifically non-specific IEDs (7), roadside bombs (1), and mines (1). Weapons of unclear launch method were the cause of the remaining 14% (6) of civilian casualties.

The highest casualty incident took place on 23 May 2022, when six civilians were killed and eight injured, and one soldier was injured, in ISIS mortar attacks on a village in Diyala. Firearms were also used.

The number of incidents of explosive weapon use in Iraq in May 2022 saw a sharp rise from April, in which 30 incidents were recorded that caused 19 civilian casualties (six killed and 13 injured). Similarly, in March, there were 17 reported incidents of explosive weapon use which caused 21 civilian casualties (nine killed, 12 injured). [Sources: MENA, ISHM, MEHR, ANHA, Airwars, Airwars II, AFP, AFP II, ISHM.](#)

Libya



2 Civilian casualties

In May 2022, there was one recorded incident of explosive weapon use in Libya which resulted in two civilian casualties, both of whom were injured. There were no armed-actor casualties from explosive weapon use recorded in May.

On 25 May 2022, two civilians were injured in a mortar shell attack by unknown actors in urban residential areas in Tripoli. [Source: Airwars.](#)

Mali



Casualties

In May 2022, there were no recorded civilian casualties from explosive weapon use in Mali. There were two recorded incidents of explosive weapon use which resulted in 14 armed-actor casualties, four of whom were killed and 10 injured.

On 12 May 2022, four Malian soldiers were killed and one was injured in an IED explosion in Mopti. On 28 May 2022, nine UN peacekeepers were injured in an IED explosion on a road in Aguelhok. In both cases, the unknown perpetrators are assumed to be non-state actors. [🔗](#) Sources: *APA, Pana, Al Mayadeen, Frontier Post*.

Myanmar



87 Civilian casualties

In May 2022, there were 41 recorded incidents of explosive weapon use in Myanmar, 23 of which caused 87 civilian casualties, 34 of whom were killed and 53 injured. Civilian casualties included at least 13 children and 15 women. Civilians accounted for 44% of the total 198 casualties of explosive weapon use, as 83 armed actors were also reportedly killed and 28 were injured.

The majority of civilian casualties, 95% (83), occurred in populated areas. Specifically, 32% (28) occurred in villages, 28% (24) at public gatherings, 22% (19) in places of worship, 11% (10) on public transport, and 2% (2) at entertainment venues.

The states in which civilian casualties were reported in Myanmar were Sagaing (51 civilian casualties), Yangon (10), Naypyidaw (6), Chin (4), Magwe (3), Rakhine (3), Bago (3), Mon (3), Karen (2), and Kachin (2).

The majority of civilian casualties, 75% (65), were caused by the use of explosive weapons by Myanmar military forces. Unknown non-state actors were the reported perpetrator in the case of 14% (12) of civilian casualties, while People's Defense Forces were reportedly responsible for 7% (6) of civilian casualties. Groups of unknown status and name were the reported perpetrators in the case of 5% (4) of civilian casualties.

Ground-launched weapons were the cause of 67% (58) of civilian casualties, specifically shelling and artillery shells. Directly emplaced weapons caused 26% (23) of civilian casualties, specifically non-specific IEDs (16 civilian casualties) and landmines (7).

The highest casualty incident occurred on 19 May 2022, when five internally displaced civilians were killed and 13 were injured in a junta artillery attack on a village in Sagaing as they gathered to see if their homes were being attacked.

The number of recorded incidents of explosive weapon use in Myanmar in May 2022 saw a sharp rise from April, in which 10 incidents were recorded that caused 12 civilian casualties (2 killed and 10 injured). In March, 10 reported incidents of explosive weapon use caused 57 civilian casualties (28 killed, 29 injured). [🔗](#) Source: *Myanmar Now*.

Niger



Casualties

In May 2022, there were no civilian casualties from the use of explosive weapons in Niger. There was one recorded incident of explosive weapon use in Niger which resulted in seven armed-actor casualties, all of whom were injured.

On 24 May 2022, seven Niger soldiers were injured in an IED attack by Boko Haram while on their vehicle during a military operation in the Lake Chad basin. [🔗 Sources: AFP, AFP II.](#)

Nigeria



50 Civilian casualties

In May 2022, there were five recorded incidents of explosive weapon use in Nigeria, three of which caused 50 civilian casualties, 12 of whom were killed and 38 injured. At least two women were recorded among the civilian casualties. Civilians accounted for 85% of casualties of explosive weapons use in Nigeria in May 2022, as nine armed-actor casualties were also recorded, all of whom were killed.

All of the civilian casualties occurred in populated areas, specifically schools, 72% (36), and entertainment venues, 28% (14). The states in which civilian casualties were reported in Nigeria were Kano (36 civilian casualties) and Kogi (14).

All of the civilian casualties were caused by non-state actors' use of non-specific IEDS, specifically Boko Haram, 72% (36). Unknown non-state actors caused 28% (14) of civilian casualties.

The highest casualty incident occurred on 17 May 2022, when nine civilians were killed and 27 injured in an IED explosion outside a school, in Kano, which was most likely a suicide attack. The incident was initially reported as a gas explosion, but it has since been attributed to Boko Haram.

The number of recorded incidents of explosive weapon use in Nigeria in May 2022 is relatively level with April, in which six incidents were recorded that caused 59 civilian casualties (17 killed and 42 injured). However, levels are still rising from March, when four reported incidents of explosive weapon use caused two civilian casualties, both injured.

[🔗 Sources: Sahara Reporters, Human Angle, Daily Post Nigeria.](#)



Aid access

As reported on 12 May 2022, in Dalori town, near Maiduguri city, Nigeria, police officers defused a bomb planted by Boko Haram and the Islamic State's West Africa Province (ISWAP) at the Dalori Camp for internally displaced persons. [🔗 Source: The Guardian.](#)

Pakistan



46 Civilian casualties

In May 2022, there were 12 incidents of explosive weapon use recorded in Pakistan, 11 of which caused 46 civilian casualties, eight of whom were killed and 38 injured. At least seven children and two women were recorded among the civilian casualties. Civilians accounted for 81% of all casualties, as 11 armed-actor casualties were also recorded in May, of whom six were killed and five injured.

The majority of civilian casualties, 83% (38), occurred in populated areas. Specifically, 30% (14) occurred in urban residential areas, 26% (12) in markets, 17% (8) in villages, 7% (3) in commercial premises, and 2% (1) at police stations.

The regions in which civilian casualties were reported in Pakistan were Sindh (24 civilian casualties), Khyber-Pakhtunkhwa (12), Balochistan (7), and Punjab (3).

The majority of civilian casualties, 83% (38), were caused by unknown non-state actors' use of explosive weapons. Actors of unknown status and name caused the remaining 17% (8) of civilian casualties.

Directly-emplaced weapons were the cause of 83% (38) of civilian casualties, specifically non-specific IEDs (22) and roadside bombs (16). Ground-launched weapons caused 17% (8) of civilian casualties, specifically grenades.

The highest casualty incident took place on 12 May 2022, when one civilian was killed and 11 injured in an IED explosion on a busy street in Karachi. Two security personnel were also injured in the attack.

The number of recorded incidents of explosive weapon use in Pakistan in May 2022 saw a sharp rise from April, in which eight incidents were recorded that caused 22 civilian casualties (10 killed and 12 injured). In March, however, six reported incidents of explosive weapon use caused 288 civilian casualties (59 killed, 229 injured). [🔗](#) Sources: AP, VOA.

Philippines



14 Civilian casualties

In May 2022, there were four incidents of explosive weapon use recorded in the Philippines that resulted in 14 civilian casualties, all of whom were injured. At least two women were reportedly among the civilian casualties. One armed-actor was also reported injured.

The highest casualty incident occurred on 8 May 2022, when eight civilians were injured in grenade attacks in Datu Unsay, outside a public building. [🔗](#) Sources: *Inquirer*, PNA.

Russia



10 Civilian casualties

In May 2022, there were seven incidents of explosive weapon use recorded in Russia which resulted in 10 civilian casualties, three of whom were killed and seven injured. At least one woman was recorded among the civilian casualties. There were no recorded armed-actor casualties in May.

The highest casualty incident occurred on 11 May 2022, when one civilian was killed and three injured in Ukrainian shelling on Belgorod. [🔗 Sources: Pravda, Times Now, NewsWeek.](#)

Somalia



25 Civilian casualties

In May 2022, there were five incidents of explosive weapon use recorded in Somalia, three of which resulted in 25 civilian casualties, five of whom were killed and 20 injured. At least one woman and three children were recorded among the civilian casualties. Civilians constituted 57% of casualties of explosive violence in Somalia in May 2022, as 19 armed actors were killed and 27 were injured in May.

The highest casualty incident occurred on 11 May 2022, when two civilians were killed and 10 injured in a shelling attack on a village. Al Shabaab claimed responsibility for the attack. [🔗 Sources: The Nation, Shabelle Media.](#)

South Sudan



5 Civilian casualties

In May 2022, there was one incident of explosive weapon use recorded in South Sudan which resulted in five civilian casualties, four of whom were killed and one injured. All five casualties were recorded as children. There were no armed-actor casualties recorded in May.

On 13 May 2022, four children were killed and one was injured by an explosion of unexploded ordnance on their way home from school, in Maban. The ordnance is reported to have been an unexploded mortar shell. [🔗 Source: UNHCR.](#)

Sudan



Casualties

In May 2022, there were no incidents of explosive weapon use that resulted in civilian casualties in Sudan. There was one incident of explosive weapon use recorded which resulted in three armed-actor casualties, all of whom were injured.

On 21 May 2022, two militants and one soldier were injured in a grenade attack by unknown non-state actors in Darfur. [🔗 Source: Dabanga.](#)

Syria



101 Civilian casualties

In May 2022, there were 82 incidents of explosive weapon use recorded in Syria which resulted in 101 civilian casualties, of whom 30 were killed and 71 injured. There were at least 37 children and 12 women among the civilian casualties. Civilians accounted for 44% of the total 230 casualties, as there were also 129 recorded armed-actor casualties, 53 of whom were killed and 76 injured.

The majority of civilian casualties, 62% (63), occurred in populated areas. Specifically, 31% (35) occurred in villages, 21% (23) in urban residential areas, 2% (2) in commercial premises, and 2% (2) at public gatherings.

The regions in which civilian casualties were reported in Syria were Hama (28 civilian casualties), Aleppo (28), Rif Dimashq (9), Idlib (4), Raqqa (9), Suweida (8), Daraa (7), Idlib (6), Homs (6), Hasakah (4), Quneitra (2), and Deir Ezzor (1).

The majority of civilian casualties, 47% (47), were caused by directly-emplaced weapons. Specifically, improvised explosive devices were the cause of 26% (26) of civilian casualties, unexploded ordnance caused 14% (14) of civilian casualties, and mines caused 7% (7) of civilian casualties. Ground-launched weapons caused 32% (32) of civilian casualties. Specifically, shelling and artillery shells caused 16% (16) of civilian casualties, and grenades 15% (15). Air-launched explosive weapons, specifically air strikes, caused 14% (14) of civilian casualties.

The majority of civilian casualties, 44% (44), were caused by non-state actors. State actors caused 31% (31) of civilian casualties. Specifically, Turkish state forces were the reported perpetrator in the case of 19% (19) of civilian casualties, Israel of 8% (8), Syria of 2% (2), and Russia of 1% (1). Unknown state actors caused 1% (1) of civilian casualties in May.

The highest casualty incident occurred on 13 May 2022, when one civilian was killed and seven injured, including one child, in an alleged Israeli air strike on Hama. Six soldiers were killed and seven injured in the attack.

The number of incidents of explosive weapon use in Syria in May saw a rise from April, in which 57 incidents were recorded and 67 civilian casualties (25 killed and 42 injured). Levels have continued to rise from March 2022, when there were 48 reported incidents of explosive violence in Syria, which caused 80 civilian casualties (30 killed and 50 injured).

 Sources: *SOHR I, SOHR II, ANHA I, Airwars I, Airwars II, ANHA II, SOHR III, ANHA III, ANHA IV, ANHA V, Airwars III, SOHR IV, SOHR V, Airwars IV, ANHA VI, NPA, ANHA VII, Airwars V, ANHA VIII, ANHA IX, SOHR VI, Airwars VI, SOHR VII, SOHR VIII, ANHA X, ANHA XI, SOHR IX, ANHA XII, SOHR X, Airwars VII.*

Thailand



Casualties

In May 2022, there were no incidents of explosive weapon use that resulted in civilian casualties in Thailand. There was one incident of explosive weapon use recorded in Thailand that resulted in three armed-actors being injured.

On 25 May 2022, three security officers were injured in a grenade attack by unknown non-state actors in Narathiwat. Gunfire was also reported. [🔗 Sources: Bangkok Post, Today News.](#)

Turkey



1 Civilian casualty

In May 2022, there was one incident of explosive weapon use recorded in Turkey that resulted in one civilian casualty, an injury. Four armed actors were also injured.

On 12 May 2022, one civilian and four soldiers were injured in an alleged Kurdish rocket attack in Karkamis. [🔗 Sources: Reuters, Airwars.](#)

Ukraine



1,049 Civilian casualties

In May 2022, there were 180 incidents of explosive weapon use recorded in Ukraine, which resulted in 1,049 civilian casualties, of whom 411 were killed and 638 injured. There were at least 33 children and 33 women among the civilian casualties. Civilians accounted for 95% of the total 1,102 casualties, as there were also 53 recorded armed-actor casualties, 11 of whom were killed and 42 injured.

The majority of civilian casualties, 98% (1023), occurred in populated areas. Specifically, 48% (503) occurred in locations in which the detonation of an explosive weapon affects multiple types of spaces within an urban environment, 20% (206) in urban residential areas, 12% (122) in villages, 9% (94) in schools, 2% (25) on commercial premises, 1% (14) in humanitarian infrastructure, and 1% (13) in places of worship.

The regions in which civilian casualties were reported in Ukraine were Donetsk (333 civilian casualties), Luhansk (222), Kharkiv (144), Mykolaiv (133), Chernihiv (123), Zaporizhzhia (32), Kherson (15), Odessa (14), Dnipropetrovsk (9), Zhytomyr (8), Sumy (7), Rivne (6), Kyiv (2), Lviv (1).

The vast majority of civilian casualties, 99% (1040), were caused by state actors' use of explosive weapons, specifically Russian armed forces. Groups of unknown status and name were the perpetrator in the cases of >1% (5) of civilian casualties, and unknown non-state actors caused <1% (4) of civilian casualties.

Ukraine

The use of ground-launched explosive weapons were the cause of 60% (630) of civilian casualties, specifically shelling (567), artillery shells (35), combined explosive weapons (14), rockets (9), and missiles (5). Air-launched weapons were the cause of 27% (284) of civilian casualties, specifically air strikes (201), missiles (73), and rockets (10). Combined explosive weapons were the cause of 8% (85) of civilian casualties. Directly emplaced weapons were the cause of >1% (10), specifically landmines (5), car bombs (3), anti-vehicle mines (1), and non-specific IEDs (1).

The highest casualty incident occurred on 17 May 2022, when at least 87 civilians were killed and 12 injured in Russian shelling of Chernihiv. The bodies of 87 fatalities were discovered after the rubble was cleared in the aftermath of a morning missile strike on the village of Desna.

The number of incidents of explosive weapon use in Ukraine in May saw an increase from April, in which 106 incidents were recorded along with 973 civilian casualties (270 killed and 703 injured). In March, 116 incidents were recorded, which caused 1592 civilian casualties (1144 killed and 448 injured). [🔗](#) Sources: *Interfax Ukraine, Ukrinform*.



Education

In May 2022, there were three incidents of explosive weapon use affecting access to education in Ukraine.

On 07 May 2022, a Russian aircraft dropped a bomb on a school in Sievierodonetsk raion, Luhansk oblast in Ukraine, where 90 civilians were sheltering. The school was destroyed. Over 60 people were feared dead as emergency crews rescued 30 from under the rubble. Seven more were found injured. A threat of new strikes also prevented rescuers from continuing work.

On 20 May 2022, artillery strikes by Russian forces hit a secondary school in Sievierodonetsk city and raion, Luhansk oblast, and on 25 May 2022, shelling from Ukrainian forces hit a boarding school and a kindergarten in Donetsk oblast. [🔗](#) Sources: *AP, GCR2P, Malta Today, New Age, The New Arab, 24 News I, 24 News II, DAN, Ukrinform*.



Healthcare

In May 2022, 21 incidents of explosive weapon use affecting the provision of healthcare were recorded in Ukraine. Hospitals and pharmacies were damaged by ground-launched Russian shelling and, in one incident, aerial bombing. These attacks impede patients' ability to access hospital treatment as well as their ability to obtain critical drugs and medicine which can have devastating consequences for people with long-term illnesses. Healthcare services in Luhansk oblast were frequently impacted by shelling. For example, the Sievierodonetsk Multidisciplinary Hospital in Luhansk oblast was shelled three times over three consecutive days. [🔗](#) Sources: *24 Channel I, 24 Channel II, Interfax, Telegram, Ukrinform I, Ukrinform II, and UNIAN I and UNIAN II*.

Yemen



60 Civilian casualties

In May 2022, there were 13 incidents of explosive weapon use recorded in Yemen which resulted in 60 civilian casualties, of whom 25 were killed and 35 injured. There were at least three children and nine women among the civilian casualties. Civilians accounted for 91% of the total 66 casualties, as there were also six recorded armed-actor casualties, two of whom were killed and four injured.

The majority of civilian casualties, 73% (44), occurred in populated areas. Specifically, 42% (25) occurred in markets, 17% (10) in urban residential areas, 1% (6) in commercial premises, and <1% (3) in villages. The remaining civilian casualties occurred on agricultural land, 3% (2), or in places with no location information, 23% (14).

The regions in which civilian casualties were reported in Yemen were Hudaydah (26 civilian casualties), Aden (25), Sanaa (6), Bayda (2), and Marib (1).

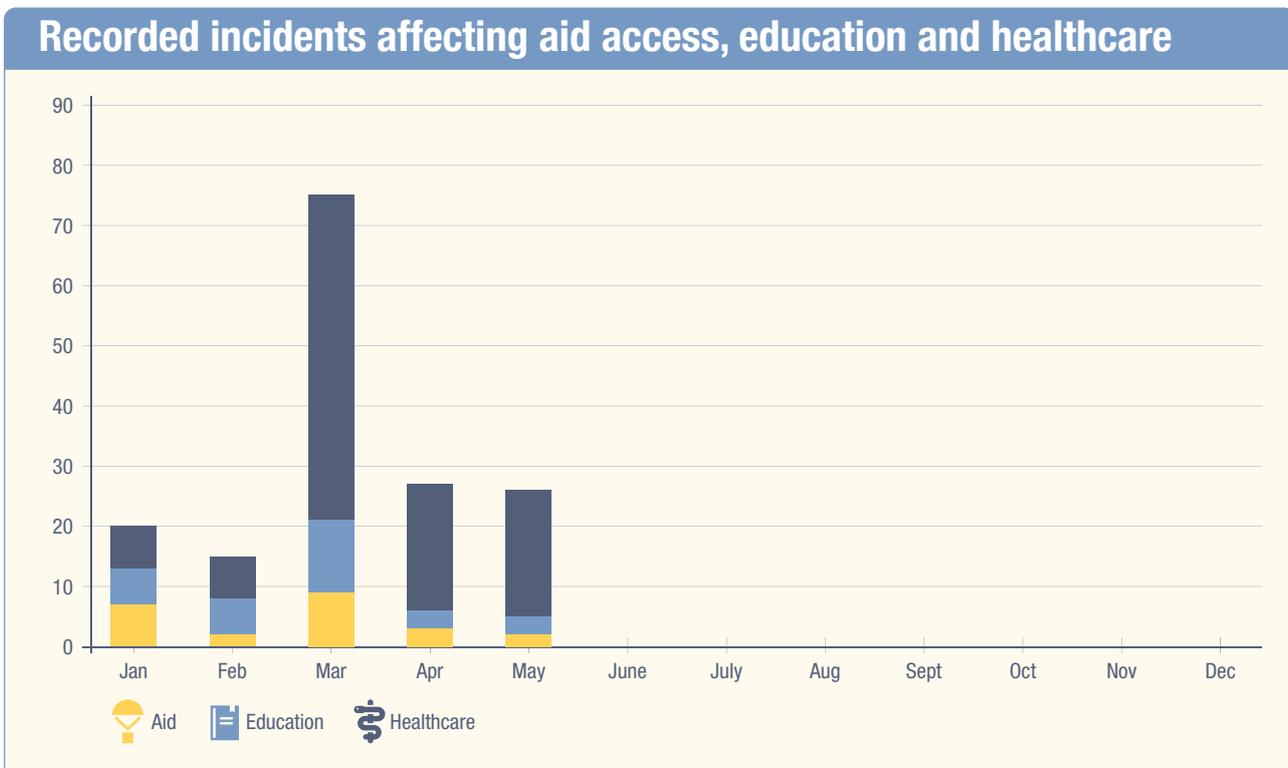
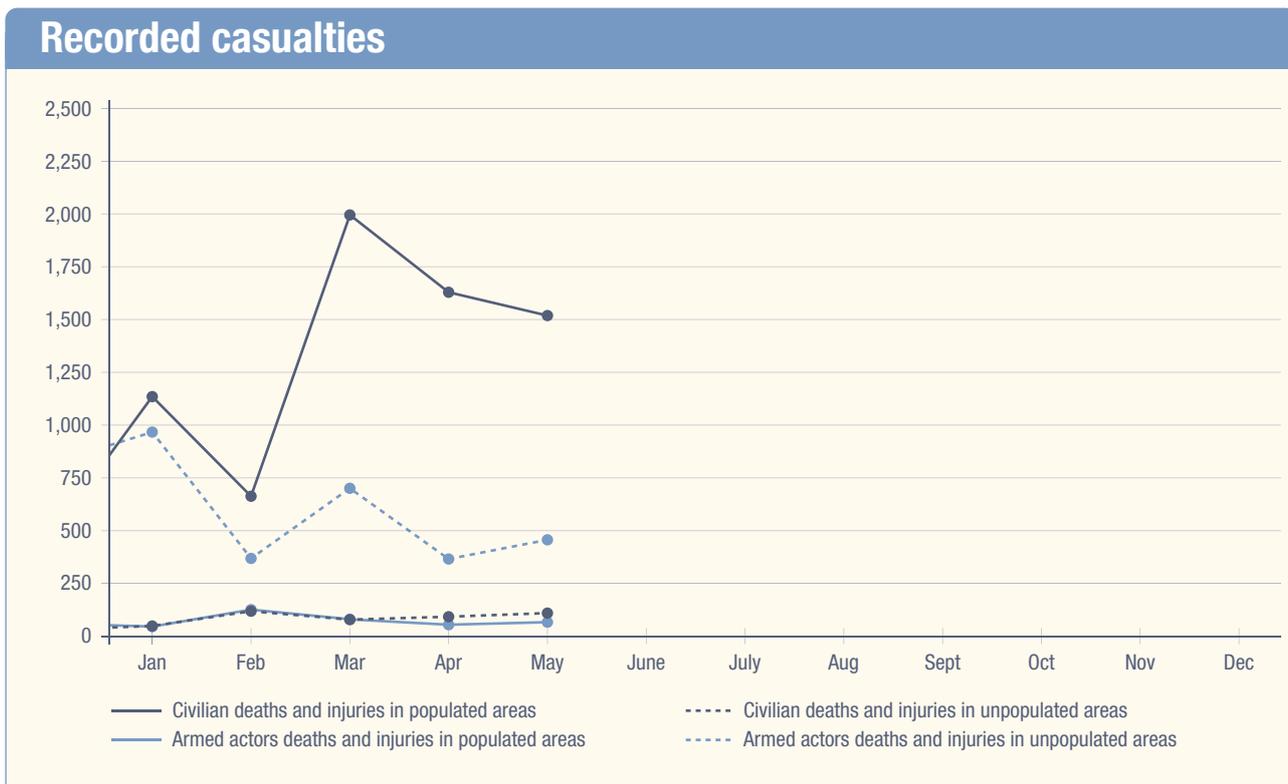
The vast majority of civilian casualties, 73% (44), were caused by actors of unknown name and status. State actors, specifically Saudi Arabia, reportedly caused 16% (10) of civilian casualties, and non-state actors, specifically Houthi rebels, caused 10% (6) of civilian casualties.

The use of ground-launched explosive weapons were the cause of 68% (41) of civilian casualties, specifically grenades (25), artillery shells (10), and missiles (6). Directly emplaced weapons were the cause of 23% (14) of civilian casualties, specifically landmines.

The highest casualty incident occurred on 26 May 2022, when at least five civilians were killed and 20 injured in a grenade attack by unknown actors at a market in Aden.

The number of incidents of explosive weapon use in Yemen in May saw a sharp rise from April, in which two incidents were recorded along with six civilian casualties (three killed and three injured). In March, nine incidents were recorded, which caused 37 civilian casualties (11 killed and 26 injured). [🔗 Source: AP.](#)

ANNUAL 2022 COUNT



Data collection is ongoing and data may change as more information is made available.

Explosive Weapons Type				
Recorded incidents between 1 January and 31 May 2022				
	Air-launched 	Ground-launched 	Directly emplaced 	Combination 
	1,897 Civilian casualties 51% of total	3,285 Civilian casualties 84% of total	1,881 Civilian casualties 67% of total	164 Civilian casualties 90% of total
	8 Aid access incidents	3 Aid access incidents	10 Aid access incidents	1 Aid access incident
	5 Education incidents	16 Education incidents	11 Education incidents	1 Education incident
	13 Healthcare incidents	65 Healthcare incidents	6 Healthcare incidents	1 Healthcare incident

This bulletin produced by Explosive Weapons Monitor publishes data on incidents of explosive weapon use around the world as reported in open sources. It uses data collected by [Action on Armed Violence \(AOAV\)](#) on incidents of explosive weapon use and casualties (including deaths and injuries), and data collected by [Insecurity Insight](#) on incidents of explosive weapon use affecting aid access, education and healthcare.

