

ACTION ON
ARMED VIOLENCE

AOAV

The urbanisation of conflict: new challenges and best practices

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Suicide attack on Dalori IDP camp in Nigeria kills 4

On Wednesday, January 31st 2018, at least four people were killed and 44 were injured when a female suicide bomber attacked a camp for Internally Displaced Persons (IDPs) at Dalori, Maiduguri.



Over 100 killed in suicide attack in Kabul

On Saturday, January 27th 2018, a suicide bomber used an ambulance full of explosives to pass into a secure zone in Afghanistan's capital, Kabul.



Suicide bombers kill 12 at market in northeastern Nigeria

Yesterday, January 17th 2018, a suicide bomb attack at a market in Muna Garage, a camp for displaced people in Maiduguri, in Nigeria's northeastern Borno state, left at least 12 killed and 65 injured.



Mortar attack in northern Afghanistan kills at least 5

Yesterday, January 16th 2018, a mortar attack on a local bazaar in Faryab province, Afghanistan, killed at least 5 and wounded a further 45.



Double suicide attack kills at least 38 and wounds 105 in Iraq's capital

Today, January 15th 2018, two suicide bombers detonated their explosives in a busy market in central Baghdad. The casualty toll currently stands at 38 dead and 105 wounded.



Suicide car bomb attack kills 32 in northern Iraq

On Tuesday, November 21st 2017, a suicide car bomber targeted civilians at a busy market in Tuz Khurmatu, a town in Iraq's northern province of Kirkuk.



AOAV's *Improvised Explosive Device Monitor*

■ Air-launched

■ Ground-launched

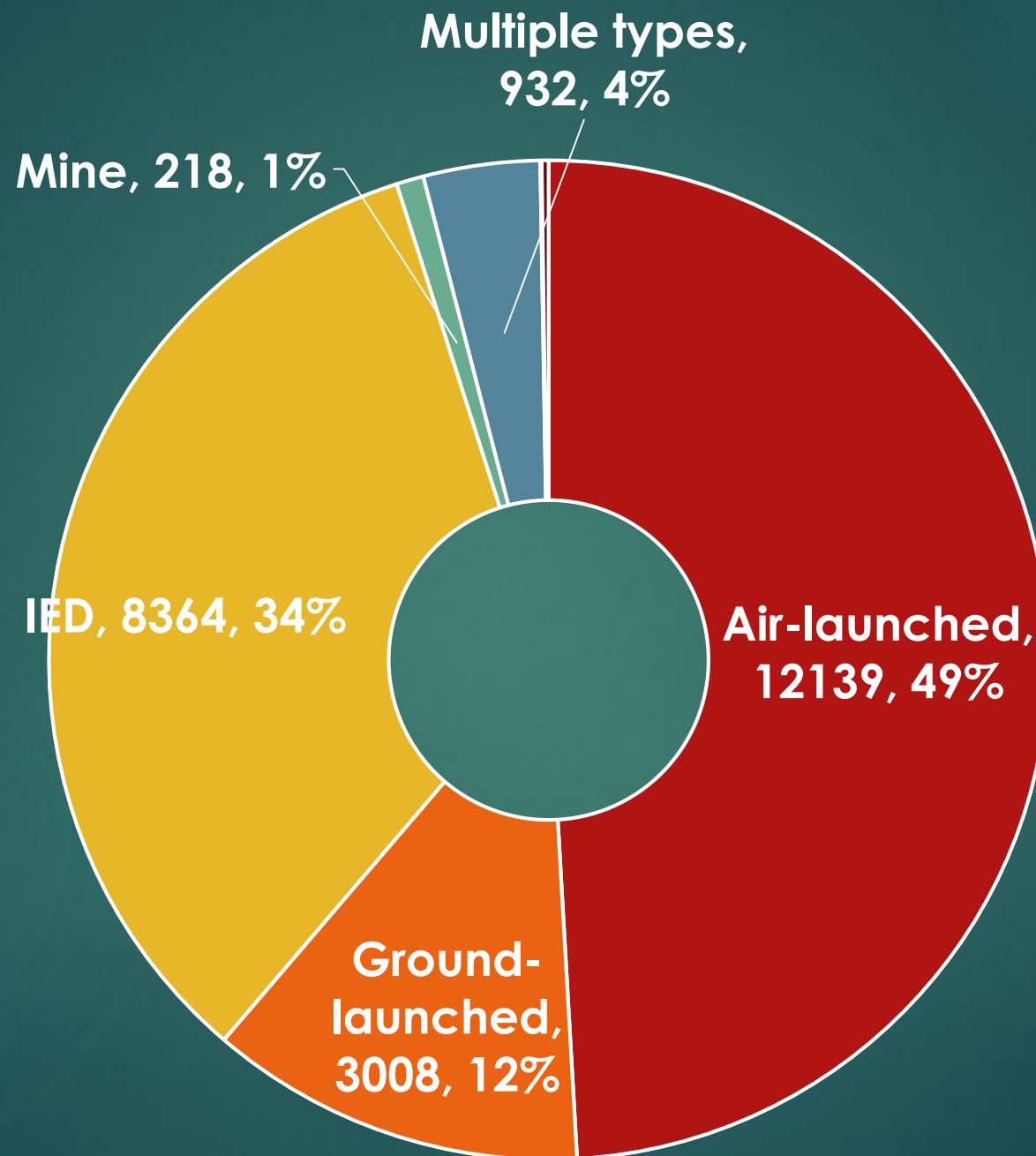
■ IED

■ Mine

■ Multiple types

■ Naval-launched

■ Unclear



Civilian
Casualties
by weapon
type,
January-
September
2017



Since AOAV's recording began, the organisation has found that the civilian harm caused by IEDs outweighs that caused by all other explosive weapon types combined. Between 2011 and 2016, AOAV recorded over 109,000 deaths and injuries from IEDs and of these, 81% were civilians.

Urban residential

Multiple urban

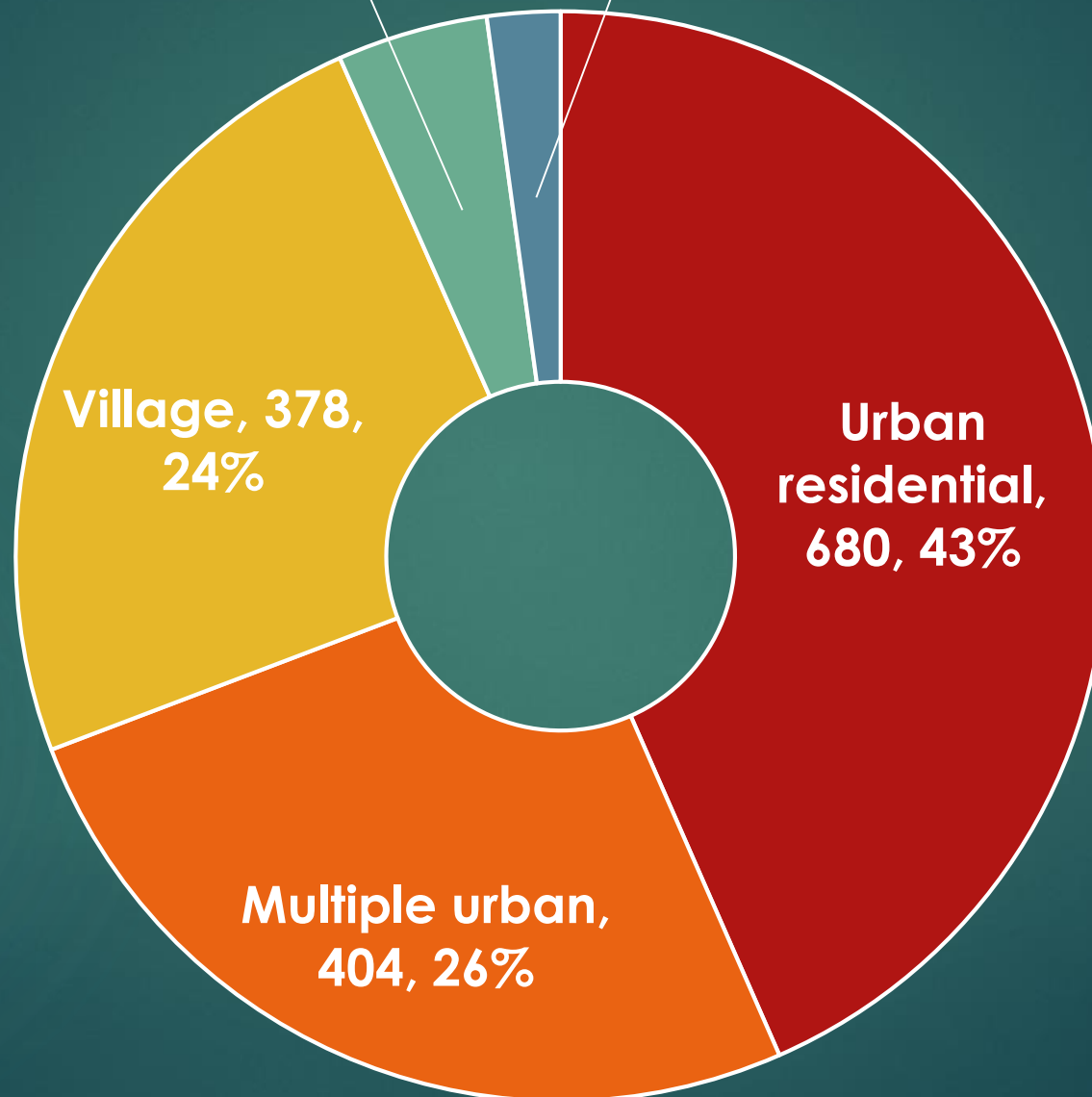
Village

Market

Place of worship

Market, 70, 5%

Place of worship, 34, 2%



5 worst impacted area-types, January-September 2017

The worst impacted

Top six countries for civilian IED casualties in 2016



IRAQ

4,851 CIVILIANS; 852 ARMED ACTORS



SYRIA

1,863 CIVILIANS; 312 ARMED ACTORS



AFGHANISTAN

1,856 CIVILIANS; 411 ARMED ACTORS



TURKEY

1,718 CIVILIANS; 757 ARMED ACTORS



PAKISTAN

1,150 CIVILIANS; 395 ARMED ACTORS



SOMALIA









629 CIVILIANS; 251 ARMED ACTORS



= 150 Civilians = 150 Armed actors, approx



BOMB THREAT STAND-OFF CHART

Threat Description Improvised Explosive Device (IED)		Explosives Capacity ¹ (TNT Equivalent)	Building Evacuation Distance ²	Outdoor Evacuation Distance ³
	Pipe Bomb	5 LBS	70 FT	1200 FT
	Suicide Bomber	20 LBS	110 FT	1700 FT
	Briefcase/Suitcase	50 LBS	150 FT	1850 FT
	Car	500 LBS	320 FT	1500 FT
	SUV/Van	1,000 LBS	400 FT	2400 FT
	Small Moving Van/ Delivery Truck	4,000 LBS	640 FT	3800 FT
	Moving Van/ Water Truck	10,000 LBS	860 FT	5100 FT
	Semi-Trailer	60,000 LBS	1570 FT	9300 FT

1. These capacities are based on the maximum weight of explosive material that could reasonably fit in a container of similar size.

2. Personnel in buildings are provided a high degree of protection from death or serious injury; however, glass breakage and building debris may still cause some injuries. Unstrengthened buildings can be expected to sustain damage that approximates five percent of their replacement cost.

3. If personnel cannot enter a building to seek shelter they must evacuate to the minimum distance recommended by Outdoor Evacuation Distance. These distance is governed by the greater hazard of fragmentation distance, glass breakage or threshold for ear drum rupture.

ANATOMY OF A SUICIDE BOMBING

EXPLOSIVE VIOLENCE IN PAKISTAN



ON AVERAGE
PER DAY



2 EXPLOSIONS



5 CIVILIAN CASUALTIES

ACROSS PAKISTAN, BETWEEN 2008 AND MARCH 2013:

4,256 EXPLOSIONS
235 SUICIDE ATTACKS



5,152 CIVILIANS KILLED &
5,678 CIVILIANS INJURED

WORLDWIDE IMPACT

84 IED ATTACKS
ON MARKETS IN 2012



92% OF CASUALTIES IN ATTACKS
ON MARKETS WERE CIVILIANS

THE MOON MARKET BOMBINGS

IN DECEMBER 2009 TWO SUICIDE BOMBERS ATTACKED ONE OF LAHORE'S BUSIEST MARKETS



AT LEAST 60 PEOPLE KILLED



AT LEAST 130 PEOPLE INJURED

25
DAYS

AVERAGE AMOUNT OF TIME
VICTIMS SPENT IN A HOSPITAL
DURING THEIR INITIAL TREATMENT

FREE

COST OF INITIAL
TREATMENT FOR VICTIMS
OF THE BOMB BLAST



ONLY 6% OF VICTIMS RECEIVED
PSYCHOLOGICAL SUPPORT



THE GOVERNMENT ALLOCATED
NO ADDITIONAL FUNDS TO MEET
EXTRA COSTS OF THE HOSPITAL

THE PERPETRATORS

PAKISTAN'S STRUGGLE TO MAKE CONVICTIONS



ZERO

NUMBER OF PEOPLE CONVICTED
FOR ORGANISING THE MOON
MARKET BOMBING IN 2009



74% OF TERRORISM SUSPECTS
WERE ACQUITTED IN THE PUNJAB PROVINCE IN 2012

DESTROYING TRADE

THE ECONOMIC IMPACT OF THE 2009 MOON MARKET BOMBINGS IN LAHORE



IQBAL TOWN, LAHORE

RS500 MILLION
(£2.9 MILLION)
ESTIMATED DAMAGE CAUSED

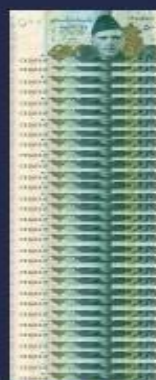


RS80 MILLION
(£462,000)
COMPENSATION
AWARDED TO
SHOP OWNERS



74% OF PEOPLE AOA V SPOKE TO WHO WERE INJURED IN THE BLAST OR WHO
LOST FAMILY MEMBERS BELIEVED THEY WERE NOW WORSE OFF FINANCIALLY.

COMPENSATION AWARDED TO
VICTIMS OF THE MOON MARKET BOMBINGS



DEATHS
RS500,000
(£2,900)

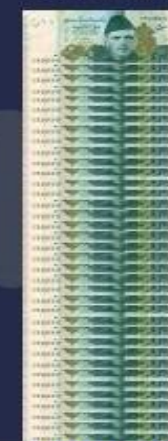
MAJOR
INJURIES
RS200,000
(£1,200)

MINOR
INJURIES
RS50,000
(£300)

TREATMENT FOR
A BROKEN LEG
RS600,000*
(£3,500)

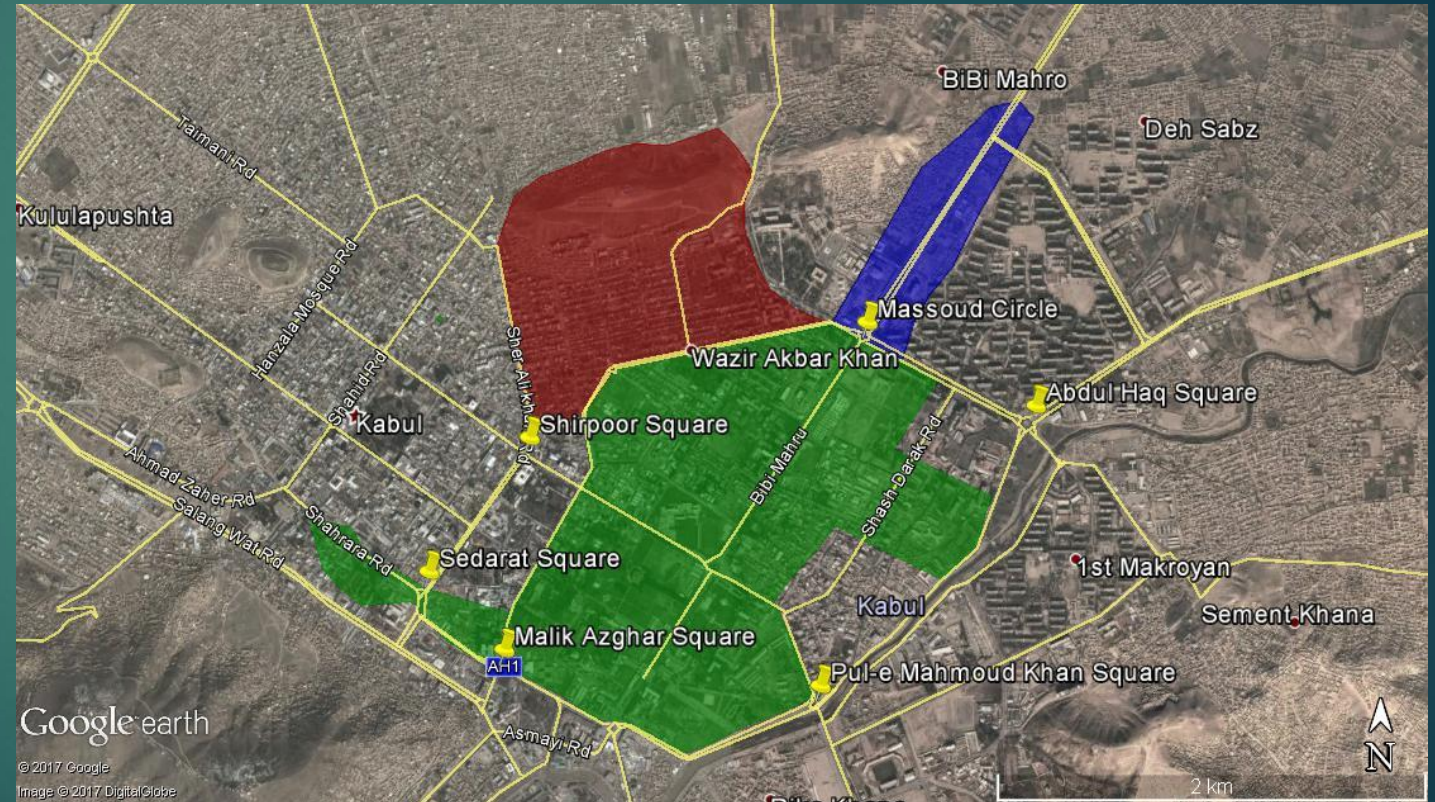
MONTHLY
SALARY
POLICE CONSTABLE
RS21,020 (£120)

COST OF TREATMENT



*According to one victim interviewed by AOA V

Belfast, 1969 – city centre security perimeter



Kabul, 2018: The 'Green Belt' Plan



FEMA

Blast Analysis

- Red Ring — Structural Damage
- Orange Ring — Probable Lethal Injuries
- Yellow Ring — Severe Injuries from Glass



Figure 4-6 Blast analysis of a building for a typical car bomb detonated in the building's parking lot

Blast Analysis

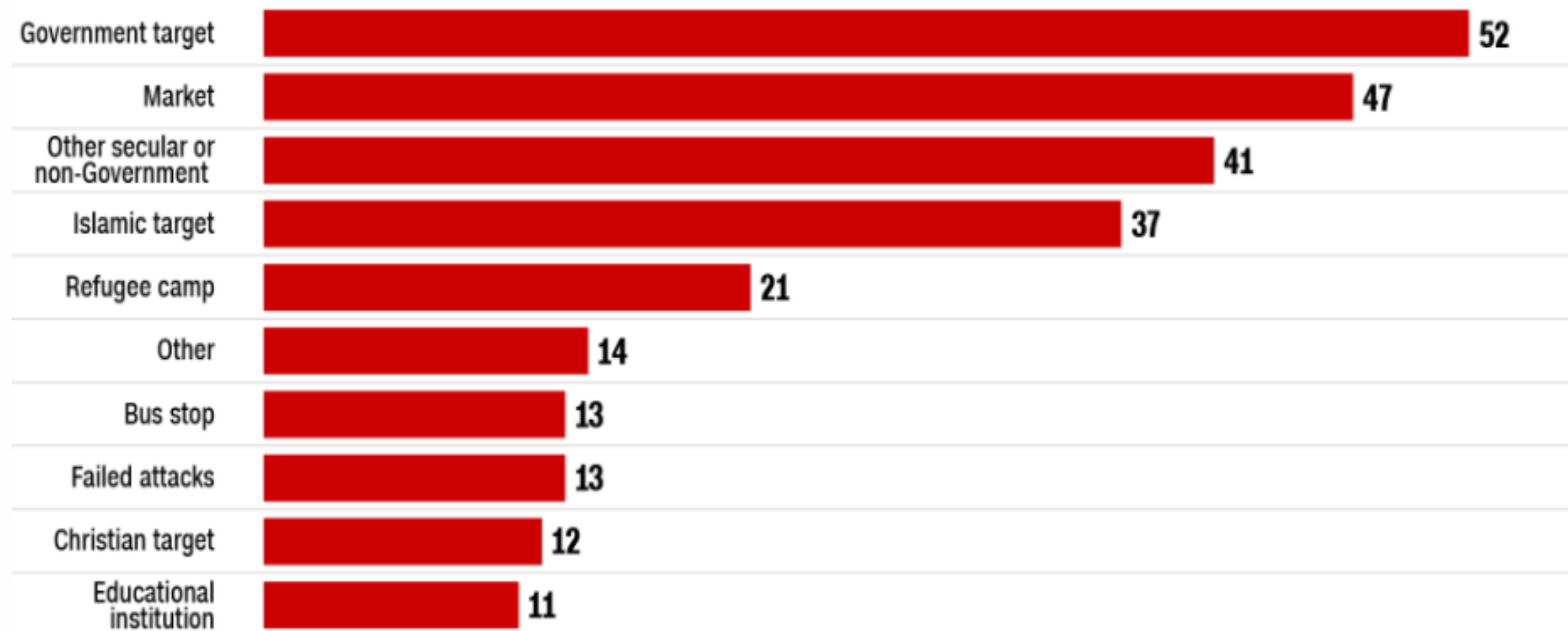
- Red Ring — Structural Damage
- Orange Ring — Probable Lethal Injuries
- Yellow Ring — Severe Injuries from Glass



Figure 4-7 Blast analysis of a building for a typical large truck bomb detonated in the building's parking lot

Boko Haram suicide bombings by target

Number of attacks, 2011-2017



Explosive weapons and their conventions

Mines	
Formal definition	✓ 'A munition designed to be placed under, on or near the ground or other surface area and to be exploded by the presence, proximity or contact of a person or a vehicle.' ³⁷
Usage: State or Non-state armed groups (NSAGs)	<p>✓ According to the most recent available data, government forces of Myanmar, North Korea and Syria used anti-personnel landmines from October 2014 to October 2015.</p> <p>NSAGs used anti-personnel landmines in 10 countries during the same period: Afghanistan, Colombia, Iraq, Libya, Myanmar, Pakistan, Syria, Tunisia, Ukraine and Yemen.³⁸</p>
Monitored by states	✓ States Party to the AP Mine Ban Convention 'undertake to destroy or ensure the destruction of all anti-personnel mines in mined areas under its jurisdiction or control, as soon as possible but not later than ten years after the entry into force of this Convention for that State Party.' ³⁹
Dedicated International Standards	✓
Explicitly addressed by UN convention	✓

Improvised explosive devices (IEDs)	
Formal definition	✗ There is no formal and internationally agreed definition of an IED by a UN Convention. ³⁴ However, the UN International Ammunition Technical Guidelines [2011] defines an IED as: 'A device placed or fabricated in an improvised manner incorporating explosive material, destructive, lethal, noxious, incendiary, pyrotechnic materials or chemicals designed to destroy, disfigure, distract or harass. They may incorporate military stores, but are normally devised from non-military components.' ³⁵
Usage: State or Non-state armed groups (NSAGs)	✓ In 2015, IEDs were used exclusively by NSAGs in 45 countries. ³⁶
Monitored by states	✗
Dedicated International Standards	✗
Explicitly addressed by UN convention	✗

As a tactic

- non-state
- control & message
- Force extrication

• **Necessity
and
strategy**



Payload

- deaths
- complex injuries
- Disruption

• **Pragmatism
and
strategy**



Delivery

- 'conventional'
- A human being
- adaptive (drone)

• **Strategy,
desperation,
ideology**

