







## Timeline of Cluster Munition Use

Date	Location(s)	Known Details
1943	USSR	Soviet forces used air-dropped cluster munitions against German armor. German forces used SD-1 and SD-2 butterfly bombs against artillery on the Kursk salient.
1943	United Kingdom	German aircraft dropped more than 1,000 SD-2 butterfly bombs on the port of Grimsby.
1965-1975	Cambodia, Laos, Vietnam	According to an analysis of US bombing data by Handicap International, approximately 80,000 cluster munitions, containing 26 million submunitions, were dropped on Cambodia between 1969 and 1973; over 414,000 cluster bombs, containing at least 260 million submunitions, were dropped on Laos between 1965 and 1973; and over 296,000 cluster munitions, containing nearly 97 million submunitions, were dropped in Vietnam between 1965 and 1975.
1970s	Zambia	Remnants of cluster munitions, including unexploded submunitions from air-dropped bombs, have been found at Chikumbi and Shang'ombo.
1973	Syria	Israel used air-dropped cluster munitions against non-state armed group (NSAG) training camps near Damascus.
1975-1988	Western Sahara	Moroccan forces used artillery-fired and air-dropped cluster munitions against NSAG.
1978	Lebanon	Israel used cluster munitions in southern Lebanon.
1979-1989	Afghanistan	Soviet forces used air-dropped and rocket-delivered cluster munitions. NSAG also used rocket-delivered cluster munitions on a smaller scale.
1982	Lebanon	Israel used cluster munitions against Syrian forces and NSAG in Lebanon.
1982	Falkland Islands (Malvinas)	UK forces dropped 107 BL-755 cluster bombs containing a total of 15,729 submunitions.
1983	Grenada	US Navy aircraft dropped 21 Rockeye bombs during close air support operations.
1983	Lebanon	US Navy aircraft dropped 12 CBU-59 and 28 Rockeye bombs against Syrian air defense units near Beirut in Lebanon.
1986-1987	Chad	French aircraft dropped cluster munitions on a Libyan airfield at Wadi Doum. Libyan forces also used AO-1Sch and PTAB-2.5 submunitions.
1991	Saudi Arabia	Saudi Arabian and US forces used artillery-delivered and air-dropped cluster munitions against Iraqi forces during the battle of Khafji.
1991	Iraq & Kuwait	The US, France, and the UK dropped 61,000 cluster bombs containing some 20 million submunitions. The number of cluster munitions delivered by surface-launched artillery and rocket systems is not known, but an estimated 30 million or more dual purpose improved conventional munitions (DPICM) submunitions were used in the conflict.
1992-1994	Angola	PTAB submunitions found in various locations.
1992-1994	Nagorno-Karabakh, Azerbaijan	Submunition contamination has been identified in at least 162 locations in Nagorno-Karabakh. Submunition types cleared by deminers include PTAB-1, SHOAB-0.5, and AO-2.5. There are also reports of contamination in other parts of occupied Azerbaijan, adjacent to Nagorno-Karabakh.
1992-1995	Bosnia & Herzegovina	Forces of Yugoslavia and NSAG used cluster munitions during civil war. NATO aircraft dropped two CBU-87 bombs.
1992-1997	Tajikistan	SHOAB and AO-2.5RT submunitions have been found in the town of Gharm in the Rasht Valley, used by unknown forces in civil war.
1994-1996	Chechnya	Russian forces used cluster munitions against NSAG.
1995	Croatia	On May 2-3, 1995, an NSAG used Orkan M-87 multiple rocket launchers to conduct attacks in the city of Zagreb. Additionally, the Croatian government claimed that Serb forces used BL-755 bombs in Sisak, Kutina, and along the Kupa River.
1996-1999	Sudan	Sudanese government forces used air-dropped cluster munitions in southern Sudan, including Chilean made PM-1 submunitions.
1997	Sierra Leone	Nigerian ECOMOG peacekeepers used BLG-66 Beluga bombs on the eastern town of Kenema.
1998	Ethiopia & Eritrea	Ethiopia and Eritrea exchanged aerial cluster munition strikes. Ethiopia attacked Asmara airport, and Eritrea attacked Mekele airport. Ethiopia also dropped BL-755 bombs in Gash-Barka province in Eritrea.
1998-1999	Albania	Yugoslav forces used rocket-delivered cluster munitions in disputed border areas, and NATO forces carried out six aerial cluster munition strikes.
1998-2003	DR Congo	BL-755 bombs were used by unknown forces in Kasu village in Kabalo territory.
1999	Yugoslavia	The US, UK, and Netherlands dropped 1,765 cluster bombs containing 295,000 submunitions in now Serbia, Montenegro, and Kosovo.
2001-2002	Afghanistan	The US dropped 1,228 cluster bombs containing 248,056 submunitions.
Unknown	Uganda	RBK-250/275 bombs and AO-1Sch submunitions have been found in the northern district of Gulu.
2003	Iraq	The US and UK used nearly 13,000 cluster munitions, containing an estimated 1.8 to 2 million submunitions, in the three weeks of major combat.
2006	Lebanon	Israeli forces used surface-launched and air-dropped cluster munitions against Hezbollah. The UN estimates that Israel used up to 4 million submunitions.
2006	Israel	Hezbollah fired more than 100 Chinese-produced Type-81 122mm cluster munition rockets into northern Israel.
2008	Georgia	Russian and Georgian forces both use cluster munitions during the August 2008 conflict. Submunitions found so far by deminers include air-dropped AO-2.5 RTM and rocket delivered gN210 and M85.

## Types of Cluster Munitions in Global Stockpiles

Type	Countries Stockpiling <small>* Indicates States that Signed the 2008 Convention on Cluster Munitions</small>	Submunition Photo (Illustrative example)
<b>DPICM Projectile</b> No Self-Destruct	Bahrain, Belgium*, Bosnia & Herzegovina*, Canada*, China, Egypt, Germany*, Greece, Honduras*, Israel, Italy*, Japan*, Jordan, South Korea, Morocco, Netherlands*, Pakistan, Russia, Serbia, Slovakia, Turkey, UK*, US	 KB-1 DPICM (Fmr. Yugoslavia)
<b>DPICM Projectile</b> Self-Destructing	Austria*, Colombia*, Denmark*, Estonia, Finland, France*, Germany*, Greece, India, Israel, Italy*, South Korea, Norway*, Pakistan, Poland, Romania, Serbia, Singapore, Slovakia, Slovenia*, South Africa*, Spain*, Switzerland*, Turkey, UK*, US	 OGR DPICM (France)
<b>Surface-Launched Rockets and Missiles</b> No Self-Destruct	Algeria, Bahrain, Belarus, Bosnia & Herzegovina*, Brazil, Bulgaria*, China, Croatia*, Czech Republic*, Egypt, France*, Georgia, Germany*, Greece, Guinea*, India, Iran, Iraq, Israel, Italy*, Japan*, Kazakhstan, North Korea, South Korea, Kuwait, Moldova*, Netherlands*, Poland, Qatar, Russia, Saudi Arabia, Serbia, Slovakia, Sri Lanka, Turkey, Turkmenistan, Ukraine, UK*, US, Uzbekistan, Yemen	 gN210 (USSR)
<b>Air-Launched Rockets and Missiles</b> No Self-Destruct	France*, Germany*, Japan*, South Korea, Netherlands*, Pakistan, Turkey, UK*, US	 M73 Hydra (US)
<b>Air-Dropped Bombs</b> No Self-Destruct	Angola*, Argentina, Azerbaijan, Belarus, Belgium*, Brazil, Bulgaria*, Canada*, Chile*, China, Colombia*, Croatia*, Cuba, Czech Republic*, Egypt, Eritrea, Ethiopia, France*, Georgia, Germany*, Greece, Guinea-Bissau*, Honduras*, Hungary*, India, Indonesia*, Iran, Iraq, Israel, Italy*, Japan*, Jordan, Kazakhstan, North Korea, South Korea, Libya, Montenegro*, Morocco, Netherlands*, Nigeria, Norway*, Oman, Pakistan, Peru*, Poland, Portugal*, Romania, Russia, Saudi Arabia, Serbia, Slovakia, South Africa*, Spain*, Sri Lanka, Sudan, Switzerland*, Syria, Thailand, Turkey, Uganda*, Ukraine, UAE, UK*, US, Zimbabwe	 BL-755 (UK)
<b>Dispensers</b>	Algeria, Angola*, Bosnia & Herzegovina*, Croatia*, Cuba, Czech Republic*, Georgia, Germany*, Greece, Hungary*, India, Iran, Iraq, Israel, North Korea, Libya, Mongolia, Poland, Romania, Russia, Slovakia, Sudan, Sweden*, Syria, Ukraine, Yemen	 AO-2.5RT (USSR)

## States that Did Not Sign the 2008 Convention on Cluster Munitions (CCM)

States that DID NOT sign the CCM	Party to CCW	Has stockpiled	Has produced	Has used	Used in
Algeria		✓			
Andorra					
Antigua & Barbuda					
Argentina	✓	✓	✓		
Armenia					
Azerbaijan		✓			✓
Bahamas					
Bahrain		✓			
Bangladesh	✓				
Barbados					
Belarus	✓	✓			
Belize					
Bhutan					
Brazil	✓	✓	✓		
Brunei					
Burma/Myanmar					
Cambodia	✓				✓
Cameroon	✓				
China	✓	✓	✓		
Cuba	✓	✓			
Cyprus	✓				
Djibouti	✓				
Dominica					
Dominican Republic					
Egypt		✓	✓		
Equatorial Guinea					
Eritrea		✓		✓	✓
Estonia	✓	✓			
Ethiopia		✓		✓	✓
Finland	✓	✓			
Gabon	✓				
Georgia	✓	✓		✓	✓
Greece	✓	✓	✓		
Grenada					✓
Guyana					
Haiti					
India	✓	✓	✓		
Iran		✓	✓		
Iraq		✓	✓		✓
Israel	✓	✓	✓	✓	✓
Jamaica	✓				
Jordan	✓	✓			
Kazakhstan		✓			
Kiribati					
North Korea		✓	✓		
South Korea	✓	✓	✓		
Kuwait		✓			✓
Kyrgyzstan					
Latvia	✓				
Libya		✓		✓	

States that DID NOT sign the CCM	Party to CCW	Has stockpiled	Has produced	Has used	Used in
Malaysia					
Maldives	✓				
Marshall Islands					
Mauritania					
Mauritius	✓				
Micronesia					
Mongolia	✓	✓			
Morocco	✓	✓		✓	✓
Nepal					
Nigeria		✓		✓	
Oman		✓			
Pakistan	✓	✓	✓		
Papua New Guinea					
Poland	✓	✓	✓		
Qatar		✓			
Romania	✓	✓	✓		
Russia	✓	✓	✓	✓	✓
Saudi Arabia	✓	✓		✓	✓
Serbia	✓	✓	✓	✓	✓
Seychelles	✓				
Singapore		✓	✓		
Slovakia	✓	✓	✓		
Solomon Islands					
Sri Lanka	✓	✓			
St. Kitts & Nevis					
St. Lucia					
St. Vincent & Grenadines					
Sudan		✓		✓	✓
Suriname					
Swaziland					
Syria		✓			✓
Tajikistan	✓				✓
Thailand		✓			
Timor-Leste					
Tonga					
Trinidad & Tobago					
Turkey	✓	✓	✓		
Turkmenistan	✓	✓			
Tuvalu					
Ukraine	✓	✓			
United Arab Emirates		✓			
United States of America	✓	✓	✓	✓	
Uzbekistan	✓	✓			
Vanuatu					
Venezuela	✓				
Vietnam					✓
Yemen		✓			
Zimbabwe		✓			
<b>98</b>	<b>41</b>	<b>50</b>	<b>20</b>	<b>12</b>	<b>17</b>

## States that Signed the 2008 Convention on Cluster Munitions (CCM)

States that Ratified the CCM Are Highlighted, Ratification Dates Are Included in Parentheses

States that signed the CCM	Party to CCW	Has stockpiled	Has produced	Has used	Used in
Afghanistan					✓
Albania	✓				✓
Angola		✓			✓
Australia	✓	✓			
<b>Austria (2 Apr 2009)</b>	<b>✓</b>	<b>✓</b>			
Belgium	✓	✓	✓		
Benin	✓				
Bolivia	✓				
Bosnia & Herzegovina	✓	✓	✓		✓
Botswana					
Bulgaria	✓	✓			
Burkina Faso	✓				
Burundi					
Canada	✓	✓			
Cape Verde	✓				
Central African Rep.					
Chad					✓
Chile	✓	✓	✓		
Colombia	✓	✓			
Comoros					
Congo, DR					✓
Congo, Rep					
Cook Islands					
Costa Rica	✓				
Côte d'Ivoire					
Croatia	✓	✓			✓
Czech Republic	✓	✓			
Denmark	✓	✓			
Ecuador	✓				
El Salvador	✓				
Fiji					
France	✓	✓	✓	✓	
Gambia					
Germany	✓	✓	✓		
Ghana					
Guatemala	✓				
Guinea		✓			
Guinea-Bissau	✓	✓			
<b>Holy See (3 Dec 2008)</b>	<b>✓</b>				
Honduras	✓	✓			
Hungary	✓	✓			
Iceland	✓				
Indonesia		✓			
<b>Ireland (3 Dec 2008)</b>	<b>✓</b>				
Italy	✓	✓	✓		
Japan	✓	✓	✓		
Kenya					
<b>Lao PDR (18 Mar 2009)</b>	<b>✓</b>				✓
Lebanon					✓

States that signed the CCM	Party to CCW	Has stockpiled	Has produced	Has used	Used in
Lesotho	✓				
Liberia	✓				
Liechtenstein	✓				
Lithuania	✓				
Luxembourg	✓				
Macedonia (FYR)	✓				
Madagascar	✓				
Malawi					
Mali	✓				
Malta	✓				
Mexico	✓				
Moldova	✓	✓			
Monaco	✓				
Montenegro	✓	✓			✓
Mozambique					
Namibia					
Nauru	✓				
Netherlands	✓	✓	✓	✓	
New Zealand	✓				
Nicaragua	✓				
Niger	✓				
<b>Norway (3 Dec 2008)</b>	<b>✓</b>	<b>✓</b>			
Palau					
Panama	✓				
Paraguay	✓				
Peru	✓	✓			
Philippines	✓				
Portugal	✓	✓			
Rwanda					
Samoa					
San Marino					
São Tomé and Príncipe					
Senegal	✓				
<b>Sierra Leone (3 Dec 2008)</b>	<b>✓</b>				✓
Slovenia	✓	✓			
Somalia					
South Africa	✓	✓	✓		
Spain	✓	✓	✓		
Sweden	✓	✓	✓		
Switzerland	✓	✓	✓		
Tanzania					
Togo	✓				
Tunisia	✓				
Uganda	✓	✓			✓
United Kingdom	✓	✓	✓	✓	✓
Uruguay	✓				
Zambia					✓
<b>96</b>	<b>67</b>	<b>34</b>	<b>13</b>	<b>3</b>	<b>14</b>