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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
ON
EXPLOSIVE ORDNANCE ACCIDENTS
FOR MARCH 2022**

Background

The Cambodia Mine/ERW Victim Information System (CMVIS) established in 1994 by the Cambodian Red Cross with technical and financial support by Handicap International Belgium and UNICEF to provide systematic collection, analysis, interpretation, and dissemination of information about civilian and military casualties of landmines, unexploded ordnance and other explosive remnants of war in Cambodia.

By the end of 2009, CMVIS was completely handed over from the Cambodian Red Cross to the Cambodian Mine Action and Victim Assistance Authority for full management responsibility.

Explosive Ordnance (EO) Accident and Casualty Information

1- Total Casualties reported from January 1979 to March 2022

For the period of January 1979 to March 2022, a total of **64991** EO casualties were recorded by CMVIS official.

All of the 64991 EO casualties:

- 51160 (79%) were Mine casualties, and 13831 (21%) were ERW casualties.
- 36100 (56%) people injured, 19816 (30%) people killed, and 9075 (14%) people amputated.
- 52639 (81%) casualties were men, 6104 (9%) casualties were boys (age<18), 4792 (8%) casualties were women, 1393 (2%) casualties were girls (age<18), and 63 (0%) casualties were unknowns.

2- Accident Summary from January to March 2022

From January to March 2022, **17 EO** accidents were provisionally recorded. This figure is an increase by 42% compared with 12 EO accidents reported from January to March 2021. Of the 17 EO accidents, 8 were mine accidents and 9 were ERW accidents.

3- Casualty Summary for January to March 2022

From January to March 2022, **27 EO** casualties were provisionally recorded. This figure represents is an increase by 108% compared with 13 EO casualties reported from January to March 2021.

All of the 27 EO casualties:

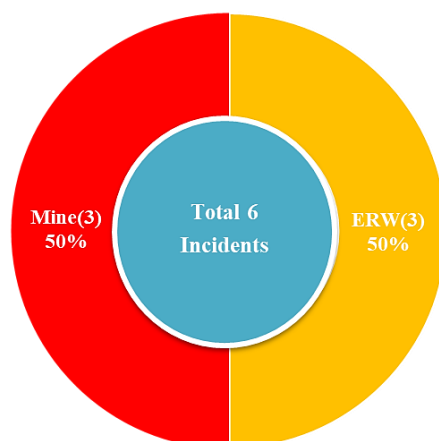
- 12 people were mine casualties, and 15 people were ERW casualties.
- 8 people killed, 14 people injured, and 5 people amputated.
- 17 casualties were men, and 10 casualties were boys (age<18).

4- Accident Summary for March 2022

In March 2022, **6 EO** accidents were provisionally recorded in Preah Vihear, Battambang, Otdar Meanchey, and Kratie provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine action agencies, relatives, families of casualties, or casualty's themselves). The figure for March 2022 is an increased by 200% compared with 2 EO accidents reported in March 2021. Of the 6 EO accidents, 3 were mine accidents and 3 were ERW accidents.

- Type of explosive ordnance

Number of incidents caused by EO



- **Information about EO accident area for March 2022**

- 2 Mine accidents and 1 ERW accident in Land without specific human use
- 1 ERW accident in Village
- 1 ERW accident in Crop Land
- 1 Mine accident in Foraging area.

5- Casualty Summary for March 2022

In March 2022, **7 EO casualties** were provisionally recorded. This figure for March 2022 is an increase by 250% compared with 3 EO casualties reported in March 2021.

Of the 7 EO casualties:

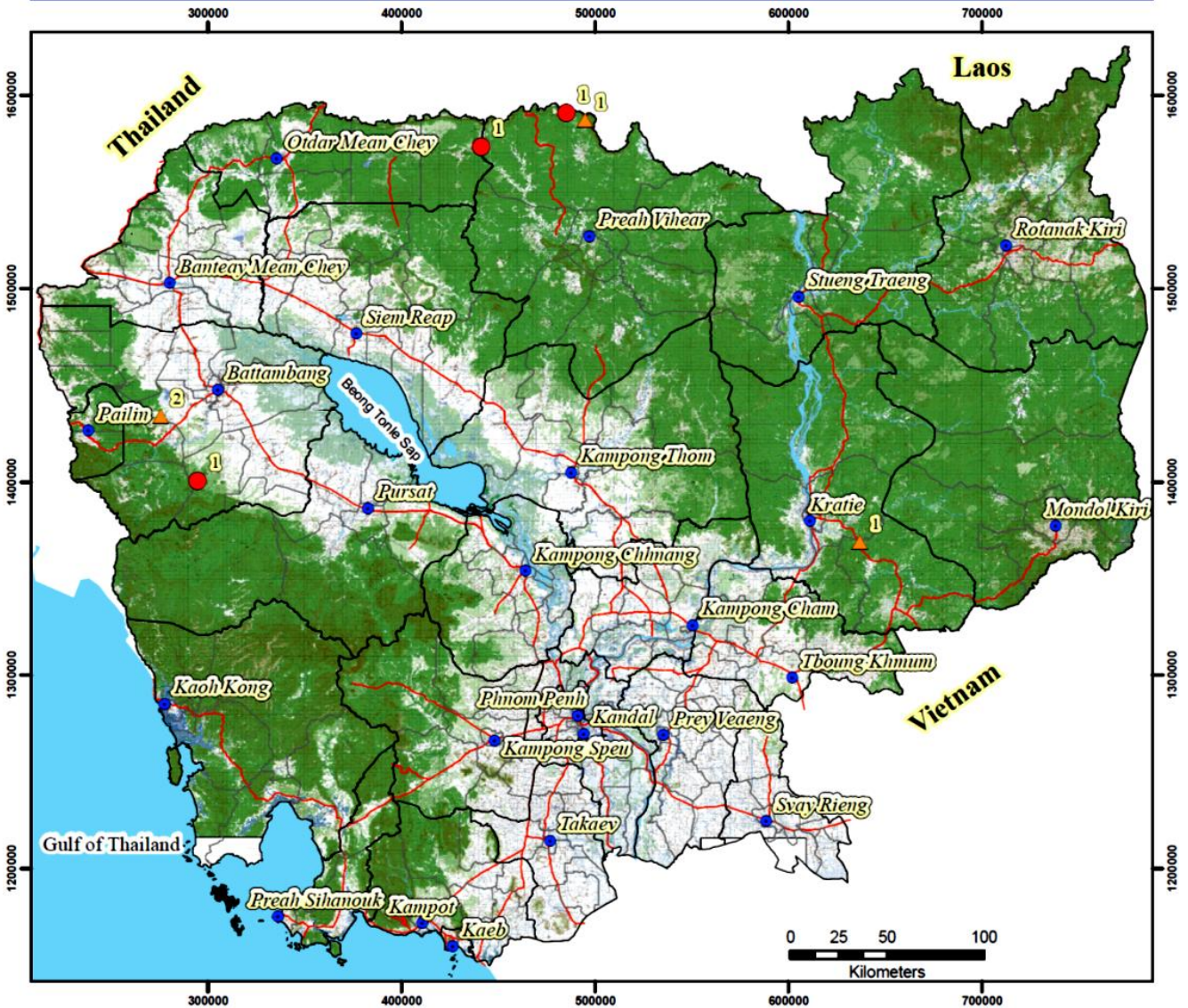
- 3 people were mine casualties and 4 people were ERW casualties.
- 3 people killed, 2 people injured, and 2 people amputated.
- 4 casualties were men and 3 casualties were boys (age<18).
- The activity at the time of accident of casualties as below:
 - Handling ERW activity accounted for 2 casualties
 - Collecting wood activity accounted for 2 casualties
 - Clearing land for agriculture activity accounted for 1 casualty
 - Herding activity accounted for 1 casualty and
 - Collecting food activity accounted for 1 casualty.

6- Impact of accident area for the period of January 2021 to March 2022 (71 casualties)

- 05 most affected provinces represent **73%** of total casualties.
- 10 most affected districts represent **70%** of total casualties.
- 10 most affected communes represent **46%** of total casualties.

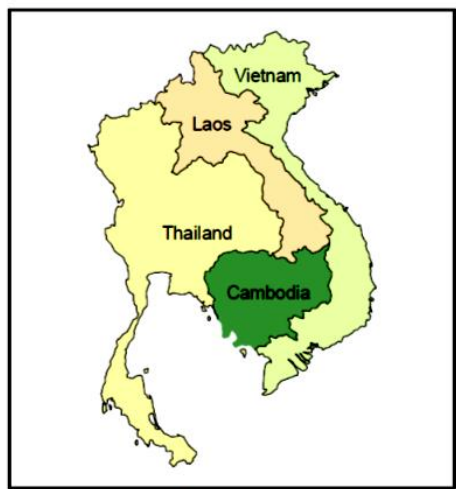
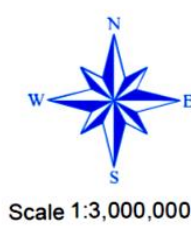
For detailed information, please see on page 7.

Explosive Ordnance Accident location in March 2022
Accident: 6 cases, Casualty: 7 people



Legend

- ▲ ERW accident
- Mine accident
- Province Centers
- Province Boundary
- District Boundary
- Water surface
- National Road



Produced by CMVIS, Apr 2022

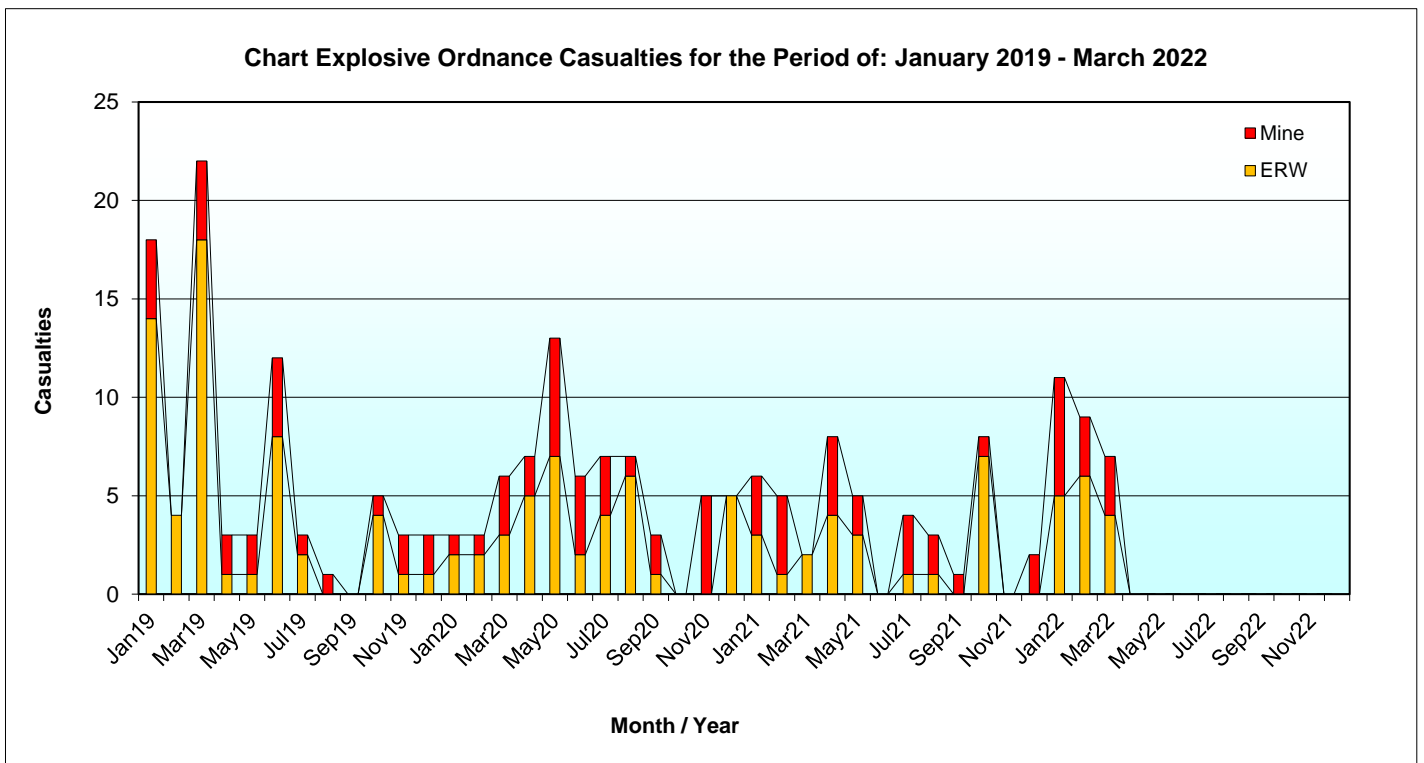
Further analysis and detailed EO casualty/accident information are available on request, including the production of risk maps and the provision of village-level data. For customised reports more suited to your organisation’s needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Explosive Ordnance Casualties for the Period of: January 2019 - March 2022

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
2019	18	4	22	3	3	12	3	1	0	5	3	3	77
<i>Running Total 2019</i>	18	22	44	47	50	62	65	66	66	71	74	77	
2020	3	3	6	7	13	6	7	7	3	0	5	5	65
<i>Running Total 2020</i>	3	6	12	19	32	38	45	52	55	55	60	65	
% change 2019 to 2020	-83	-73	-73	-60	-36	-39	-31	-21	-17	-23	-19	-16	
2021	6	5	2	8	5	0	4	3	1	8	0	2	44
monthly change +/- from 2020	3	2	-4	1	-8	-6	-3	-4	-2	8	-5	-3	
monthly change % from 2020	100	67	-67	14	-62	-100	-43	-57	-67	100	-100	-60	
<i>Running Total 2021</i>	6	11	13	21	26	26	30	33	34	42	42	44	
% change 2020 to 2021	100	83	8	11	-19	-32	-33	-37	-38	-24	-30	-32	
2022	11	9	7										27
monthly change +/- from 2021	5	4	5										
monthly change % from 2021	83	80	250										
<i>Running Total 2022</i>	11	20	27										
% change 2021 to 2022	83	82	108										

Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.

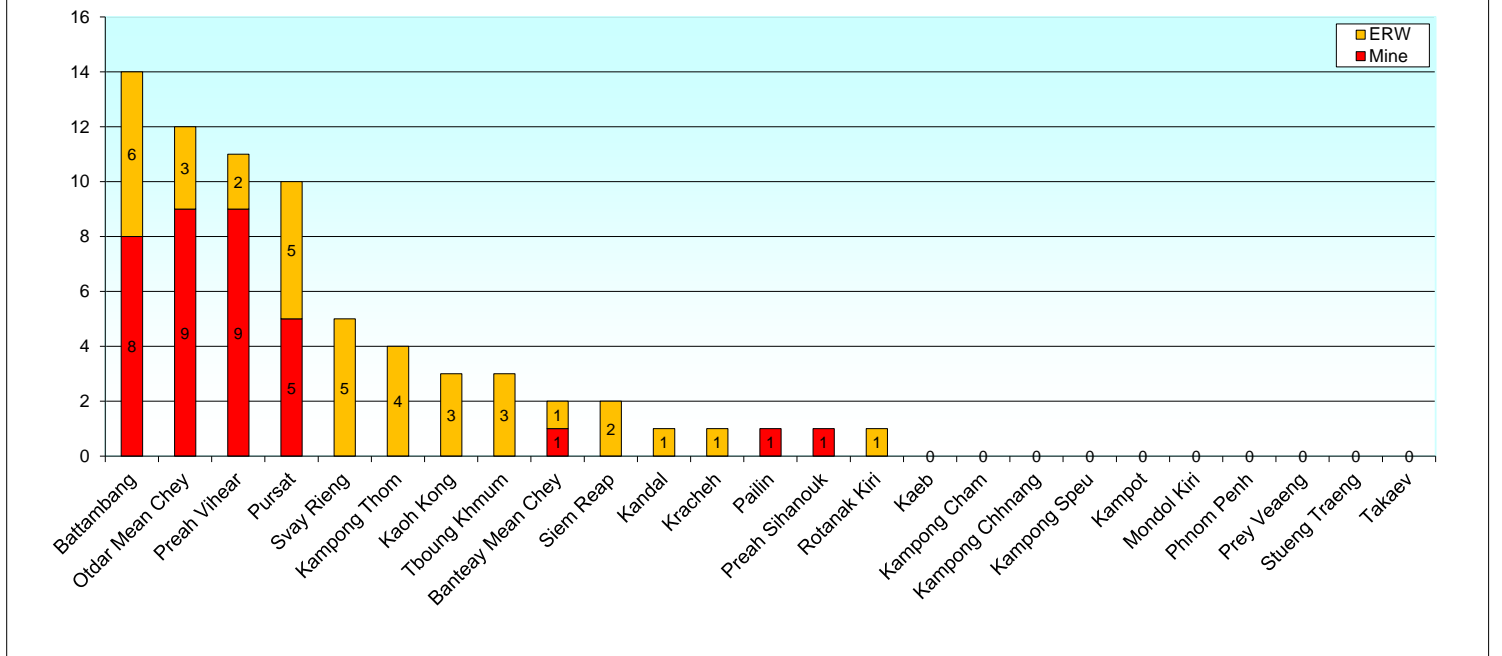


Monthly Explosive Ordnance Accident Casualties: Jan2021 - Mar2022

Provinces ranked by Total Explosive Ordnance Casualties for 2021 - 2022

Province	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total 2021	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total 2022	Total 2021-2022	Cum. Total	% of Total	Cum. %
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.					
Battambang	2	0	1	1	2	0	0	2	1	0	0	0	9	2	0	3	0	0	0	0	0	0	0	0	0	5	14	14	19.7	20
Otdar Mean Chey	1	3	1	3	0	0	1	0	0	1	0	1	11	0	0	1	0	0	0	0	0	0	0	0	0	1	12	26	16.9	37
Preah Vihear	0	0	0	0	0	0	2	0	0	0	0	1	3	6	0	2	0	0	0	0	0	0	0	0	0	8	11	37	15.5	52
Pursat	2	0	0	0	2	0	1	0	0	1	0	0	6	1	3	0	0	0	0	0	0	0	0	0	0	4	10	47	14.1	66
Svay Rieng	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	5	5	52	7	73
Kampong Thom	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	4	56	5.6	79
Kaoh Kong	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	59	4.2	83
Tboung Khmum	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	62	4.2	87
Banteay Mean Chey	0	1	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	64	2.8	90
Siem Reap	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	66	2.8	93
Kandal	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	67	1.4	94
Preah Sihanouk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	68	1.4	96
Kracheh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	69	1.4	97
Pailin	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	70	1.4	99
Rotanak Kiri	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	71	1.4	100
Kampong Speu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Kampong Chhnang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Kampong Cham	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Kampot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Mondol Kiri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Prey Veaeng	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Stueng Traeng	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Takaev	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Kaeb	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
Phnom Penh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	100
TOTAL	6	5	2	8	5	0	4	3	1	8	0	2	44	11	9	7	0	0	0	0	0	0	0	0	0	27	71			

Chart of Explosive Ordnance Casualties by Province for 2021-2022



5 Most Affected Provinces for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2021 - Mar2022

Rank	Province	Mine	ERW	Total	Cumulative
		Casualties	Casualties	Casualties	Total
1	Battambang	8	6	14	14
2	Otdar Mean Chey	9	3	12	26
3	Preah Vihear	9	2	11	37
4	Pursat	5	5	10	47
5	Svay Rieng	0	5	5	52

10 Most Affected Districts for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2021 - Mar2022

Rank	District	Province	Mine	ERW	Total	Cumulative
			Casualties	Casualties	Casualties	Total
1	Choam Khsant	Preah Vihear	9	2	11	11
2	Veal Veang	Pursat	5	3	8	19
3	Anlong Veang	Otdar Mean Chey	6	1	7	26
4	Samlout	Battambang	3	2	5	31
5	Svay Rieng	Svay Rieng	0	5	5	36
6	Prasat Balangk	Kampong Thom	0	3	3	39
7	Botum Sakor	Kaoh Kong	0	3	3	42
8	Dambae	Tboung Khmum	0	3	3	45
9	Trapeang Prasat	Otdar Mean Chey	2	1	3	48
10	Banan	Battambang	2	0	2	50

10 Most Affected Communes for Explosive Ordnance Casualties

Ranked by Total Casualties

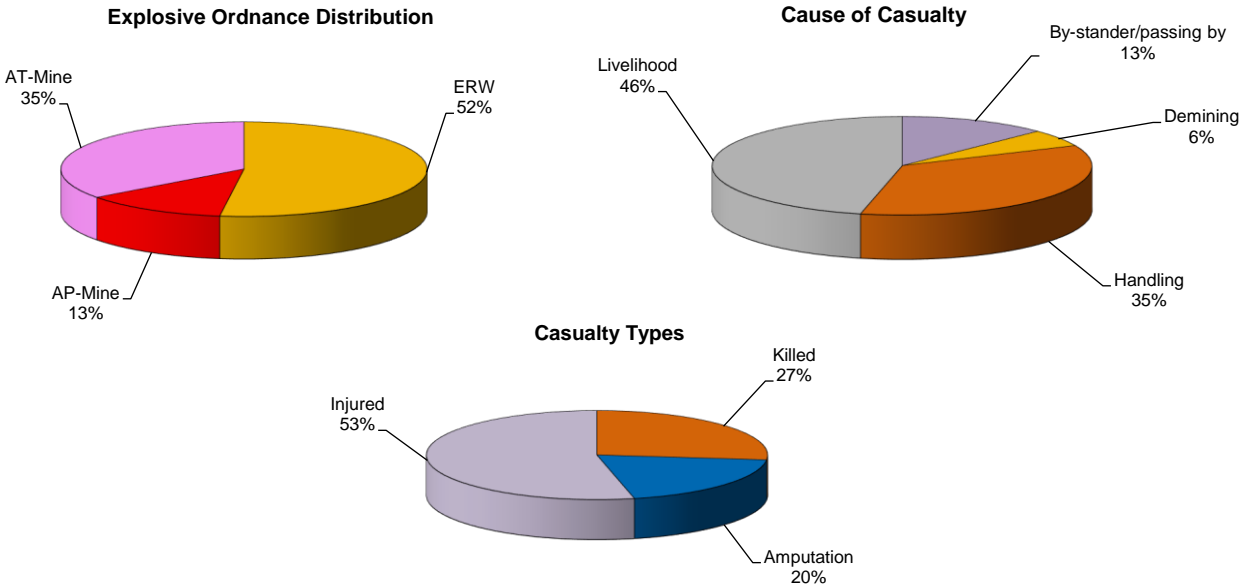
Jan2021 - Mar2022

Rank	Commune	District	Province	Mine	ERW	Total	Cum.
				Casualties	Casualties	Casualties	Total
1	Morokot	Choam Khsant	Preah Vihear	5	1	6	6
2	Sangkhoar	Svay Rieng	Svay Rieng	0	5	5	11
3	Thma Da	Veal Veang	Pursat	4	0	4	15
4	Sala Visai	Prasat Balangk	Kampong Thom	0	3	3	18
5	Andoung Tuek	Botum Sakor	Kaoh Kong	0	3	3	21
6	Choam Ksant	Choam Khsant	Preah Vihear	2	1	3	24
7	Trapeang Pring	Dambae	Tboung Khmum	0	3	3	27
8	Kantueu Muoy	Banan	Battambang	2	0	2	29
9	Reaksmei Songha	Rotanak Mondol	Battambang	0	2	2	31
10	Samrel	Samlout	Battambang	0	2	2	33

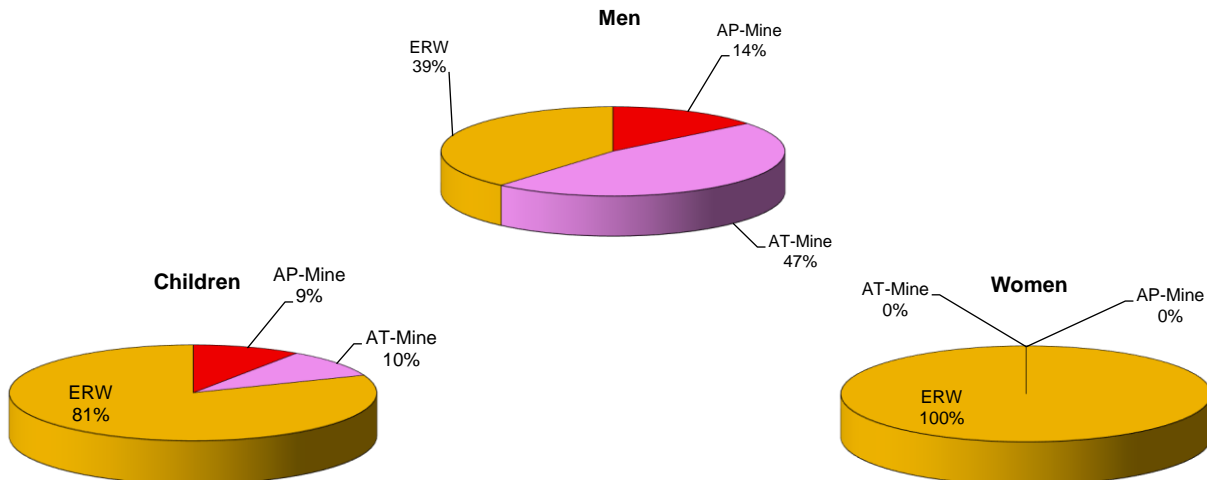
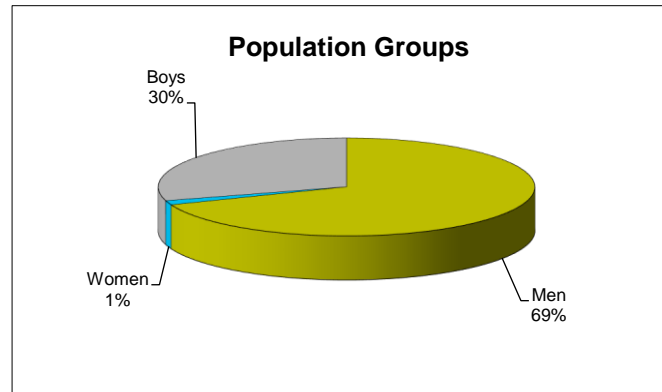
OVERVIEW OF EXPLOSIVE ORDNANCE ACCIDENTS

Jan2021 - Mar2022

Total Number of Casualties during Reporting Period: 71



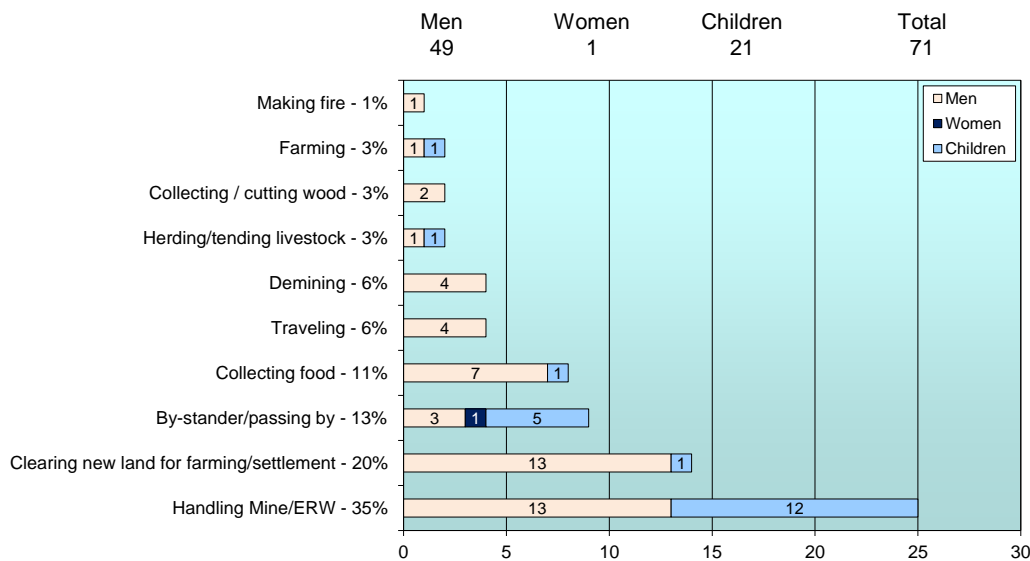
EXPLOSIVE ORDNANCE ACCIDENT OVERVIEW



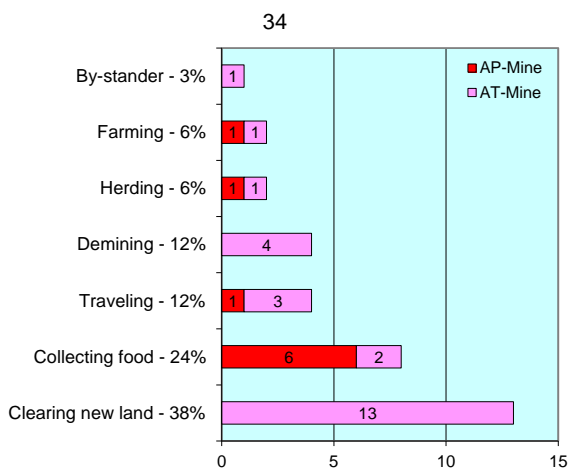
Jan2021 - Mar2022

Number of accidents during Reporting Period: **71**

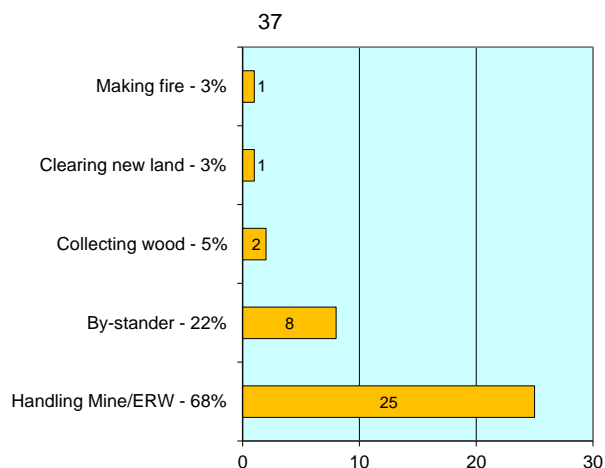
Cause of Accident by Total Population Group



Activities - Mines

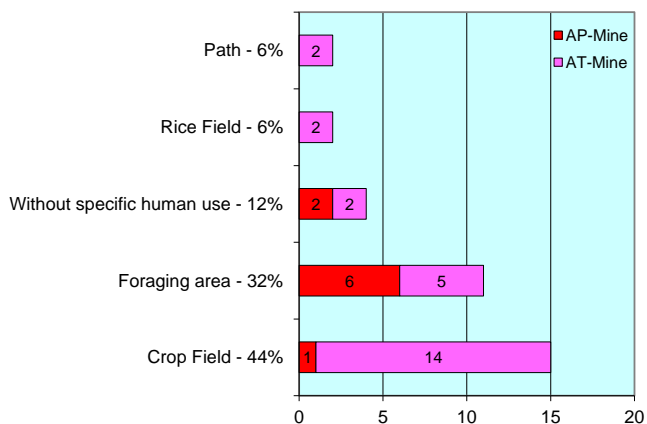


Activities - ERW



Explosive Ordnance Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

