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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
ON
EXPLOSIVE ORDNANCE ACCIDENTS
FOR MAY 2023**

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 May 2023

For the period of January 1979 to May 2023, a total of **65024** EO casualties were recorded by CMVIS official.

All of the 65024 EO casualties:

- 51175 (79%) were Mine casualties, and 13849 (21%) were ERW casualties.
- 19820 (30%) people killed, 36120 (56%) people injured, and 9084 (14%) people amputated.
- 52664 (81%) casualties were men, 6110 (9%) casualties were boys (age<18), 4794 (8%) casualties were women, 1393 (2%) casualties were girls (age<18), and 63 (0%) casualties were unknowns.

2- Accident Summary from January to May 2023

From January to May 2023, **17 EO** accidents were provisionally recorded. This figure represents a decrease by 32% compared with 25 EO accidents reported from January to May 2022. Of the 17 EO accidents, 8 were mine accidents and 9 were ERW accidents.

3- Casualty Summary for January to May 2023

From January to May 2023, **19 EO** casualties were provisionally recorded. This figure represents a decrease by 51% compared with 39 EO casualties reported from January to May 2022.

All of the 19 EO casualties:

- 8 people were mine casualties, and 11 people were ERW casualties.
- 2 people killed, 11 people injured, and 6 people amputated.
- 14 casualties were men, 4 casualties were boys (age<18), and 1 was a woman.

4- Accident Summary for May 2023

In May 2023, **8 EO** accidents in Banteay Meanchey, Battambang, Otdar Meanchey, Siem Reap, and Kampong Chhnang provinces. The figure for May 2023 is an increase by 100% compared with 4 EO accidents reported in May 2022. Of the 8 EO accidents, 5 mine accidents, and 3 were ERW accidents.

Information about EO accident area for May 2023

- 3 Mine accidents in Land without specific human use
- 2 Mine accidents in Crop Land
- 1 ERW accident in Village
- 1 ERW accident in Rice Field
- 1 ERW accident in Riverbank.

5- Casualty Summary for May 2023

In May 2023, **7 EO casualties**. This figure for May 2023 is an increase by 40% compared with 5 EO casualties reported in May 2022.

Of the 7 EO casualties:

- 5 people were mine casualties and 2 people were ERW casualties.
- 1 person killed, 2 people amputated, and 4 people injured.
- 5 casualties were men, 1 casualty was a boy (age<18), and 1 was a woman.

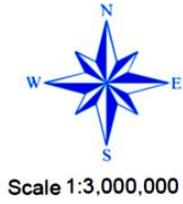
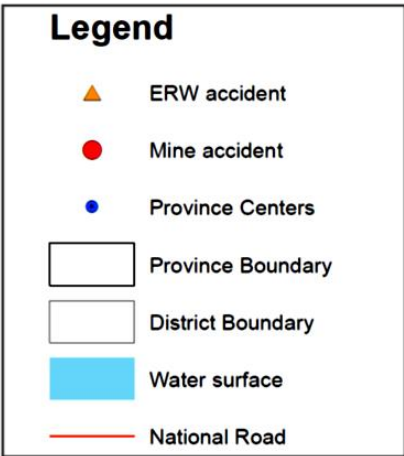
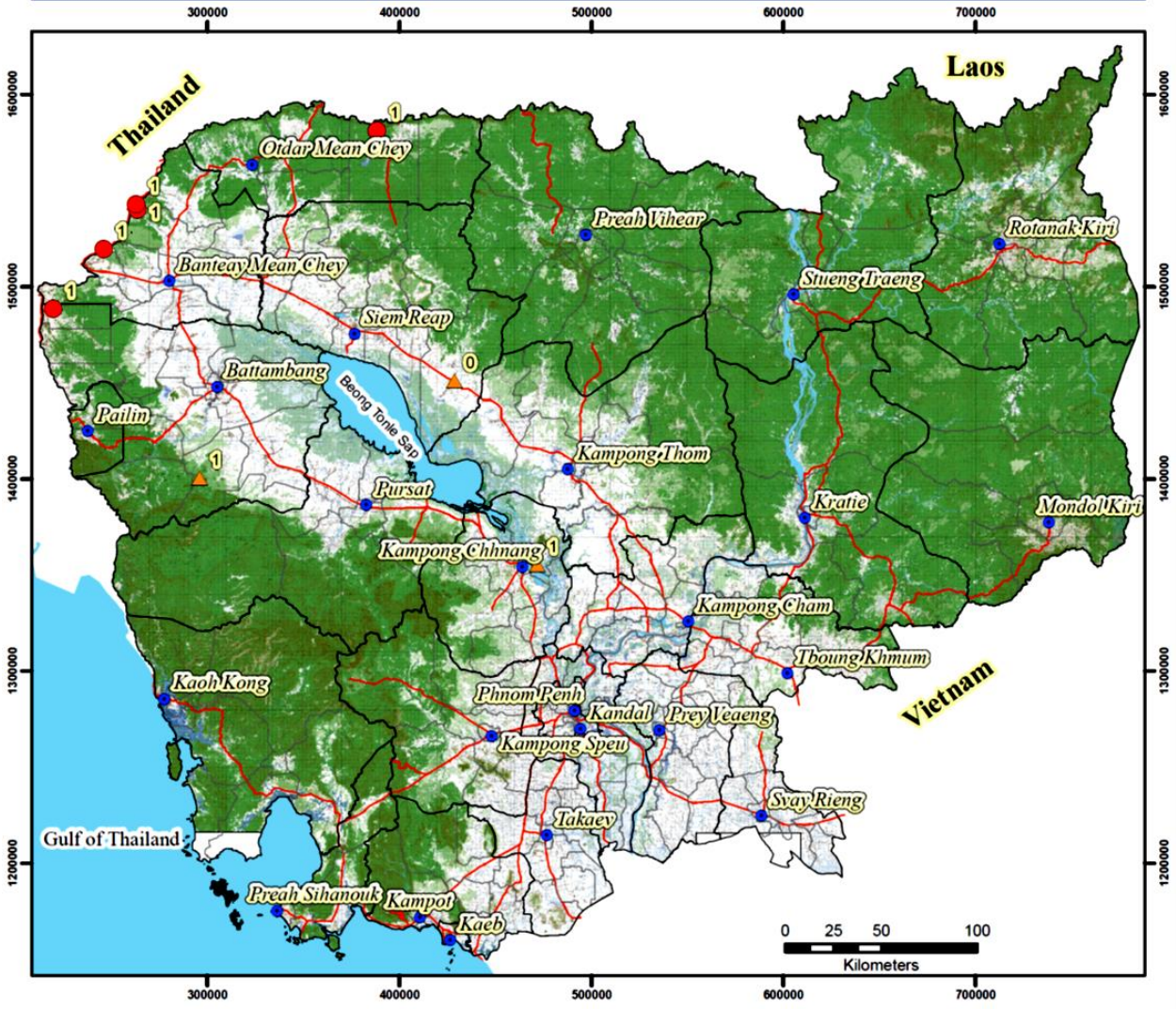
- The activity at the time of accident of casualties as below:
 - Handling ERW activity accounted for 2 casualties
 - Collecting food activities accounted for 2 casualties
 - Military activity accounted for 1 casualty
 - Clearing new land for agriculture activity accounted for 1 casualty
 - Farming activity accounted for 1 casualty.

6- Impact of accident area for the period of January 2022 to May 2023 (60 casualties)

- 05 most affected provinces represent **65%** of total casualties.
- 10 most affected districts represent **75%** of total casualties.
- 10 most affected communes represent **57%** of total casualties.

For detailed information, please see on page 7.

**Explosive Ordnance Accident location in May 2023
Accident: 8 cases, Casualty: 7 people**



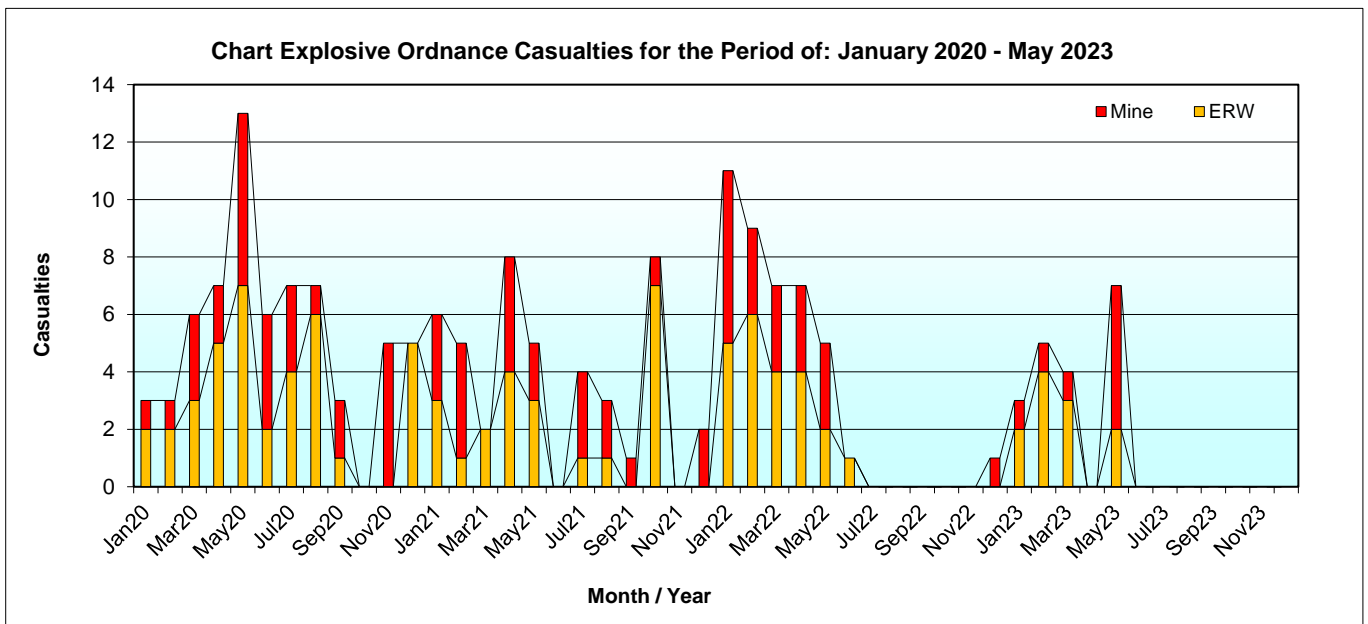
Further analysis and detailed EO casualty/accident information are available on request, including the production of risk maps and the provision of village-level data. For customised reports more suited to your organisation’s needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Explosive Ordnance Casualties for the Period of: January 2020 - May 2023

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
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	
2021	6	5	2	8	5	0	4	3	1	8	0	2	44
<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	7	5	1	0	0	0	0	0	1	41
monthly change +/- from 2021	5	4	5	-1	0	1	-4	-3	-1	-8	0	-1	
monthly change % from 2021	83	80	250	-13	0	100	-100	-100	-100	-100	0	-50	
<i>Running Total 2022</i>	11	20	27	34	39	40	40	40	40	40	40	41	
% change 2021 to 2022	83	82	108	62	50	54	33	21	18	-5	-5	-7	
2023	3	5	4	0	7								19
monthly change +/- from 2022	-8	-4	-3	-7	2								
monthly change % from 2022	-73	-44	-43	-100	40								
<i>Running Total 2023</i>	3	8	12	12	19								
% change 2022 to 2023	-73	-60	-56	-65	-51								

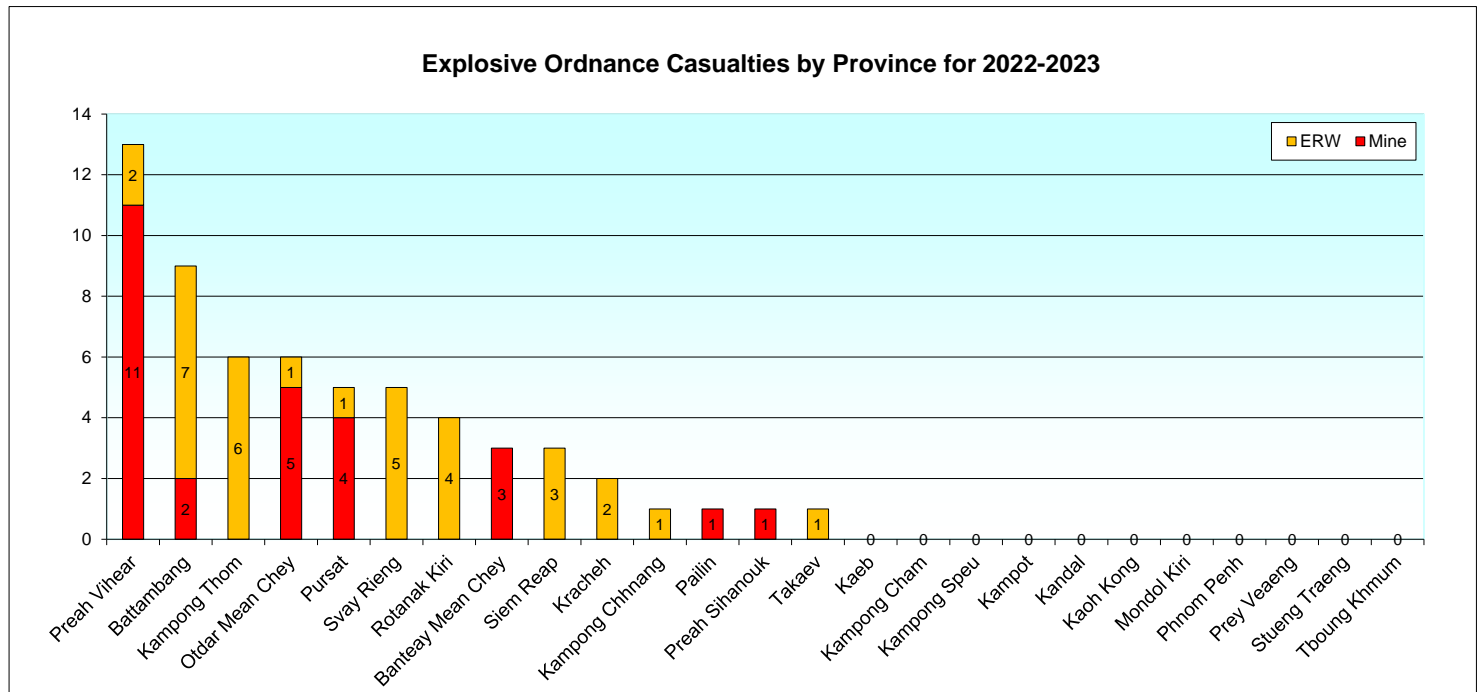
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Explosive Ordnance Accident Casualties: Jan2022 - May2023

Provinces ranked by Total Explosive Ordnance Casualties for 2022 - 2023

Province	2022												2023												Total 2022-2023	Cum. Total	% of Total	Cum. %
	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23				
Preah Vihear	6	0	2	2	0	0	0	0	0	0	0	12	1	0	0	0	0	0	0	0	0	0	0	1	13	13	21.7	22
Battambang	2	0	3	0	2	0	0	0	0	0	0	7	0	0	0	0	2	0	0	0	0	0	0	2	9	22	15	37
Kampong Thom	1	0	0	4	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	1	6	28	10	47
Otdar Mean Chey	0	0	1	1	0	0	0	0	0	0	0	3	0	1	1	0	1	0	0	0	0	0	0	3	6	34	10	57
Svay Rieng	0	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	39	8.3	65
Pursat	1	3	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	1	5	44	8.3	73
Rotanak Kiri	1	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	3	4	48	6.7	80
Banteay Mean Chey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	3	51	5	85
Siem Reap	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	2	3	54	5	90
Kracheh	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	2	56	3.3	93
Kampong Chhnang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	57	1.7	95
Takaev	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	58	1.7	97
Pailin	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	59	1.7	98
Preah Sihanouk	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	60	1.7	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	60	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	60	0	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	60	0	100
Kandal	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	60	0	100
Kaoh Kong	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	60	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	60	0	100
Prey Veang	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	60	0	100
Tboung Khmum	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	60	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	60	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	60	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	60	0	100
TOTAL	11	9	7	7	5	1	0	0	0	0	0	41	3	5	4	0	7	0	0	0	0	0	0	19	60			



5 Most Affected Provinces for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2022 - May2023

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Preah Vihear	11	2	13	13
2	Battambang	2	7	9	22
3	Kampong Thom	0	6	6	28
4	Otdar Mean Chey	5	1	6	34
5	Pursat	4	1	5	39

10 Most Affected Districts for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2022 - May2023

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	11	2	13	13
2	Svay Rieng	Svay Rieng	0	5	5	18
3	Veal Veang	Pursat	4	1	5	23
4	Anlong Veang	Otdar Mean Chey	3	1	4	27
5	Samlout	Battambang	0	4	4	31
6	Ou Ya Dav	Rotanak Kiri	0	4	4	35
7	Baray	Kampong Thom	0	4	4	39
8	Thma Puok	Banteay Mean Chey	2	0	2	41
9	Rotanak Mondol	Battambang	0	2	2	43
10	Koas Krala	Battambang	1	1	2	45

10 Most Affected Communes for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2022 - May2023

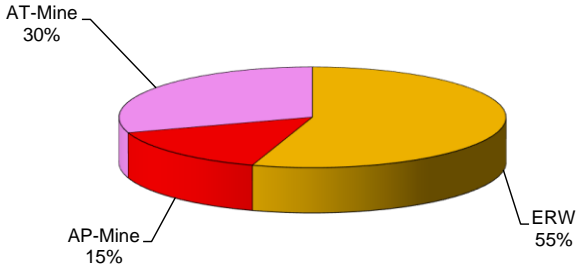
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Morokot	Choam Khsant	Preah Vihear	6	1	7	7
2	Sangkhoar	Svay Rieng	Svay Rieng	0	5	5	12
3	Kokir Thum	Baray	Kampong Thom	0	4	4	16
4	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	20
5	Trapeang Prei	Anlong Veang	Otdar Mean Chey	2	1	3	23
6	Anlong Reab	Veal Veang	Pursat	2	1	3	26
7	Kouk Romiet	Thma Puok	Banteay Mean Chey	2	0	2	28
8	Reaksmei Songha	Rotanak Mondol	Battambang	0	2	2	30
9	Samlout	Samlout	Battambang	0	2	2	32
10	Samrel	Samlout	Battambang	0	2	2	34

OVERVIEW OF EXPLOSIVE ORDNANCE ACCIDENTS

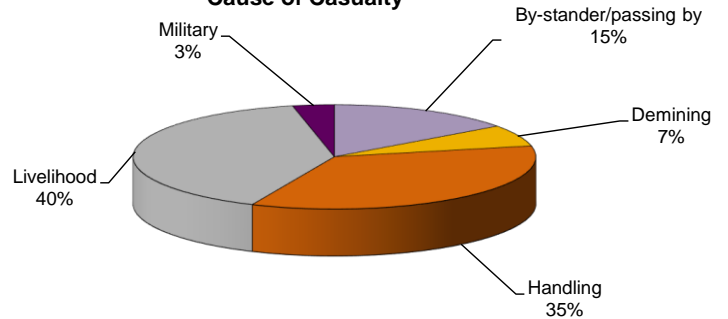
Jan2022 - May2023

Total Number of Casualties during Reporting Period: 60

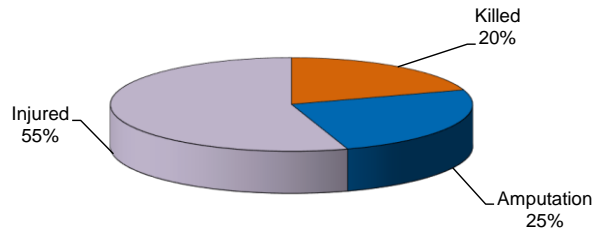
Explosive Ordnance Distribution



Cause of Casualty

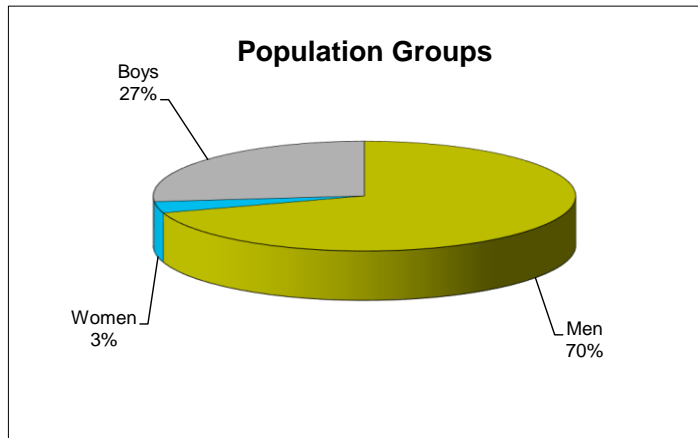


Casualty Types

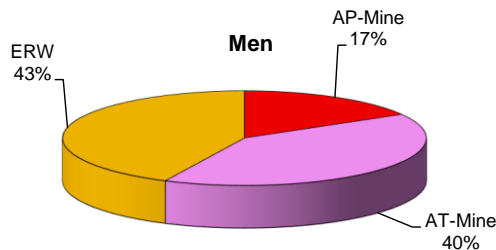


EXPLOSIVE ORDNANCE ACCIDENT OVERVIEW

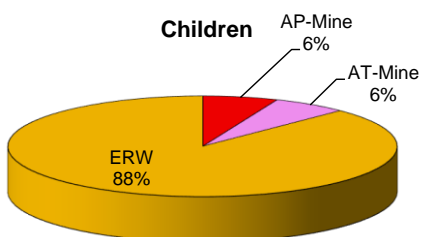
Population Groups



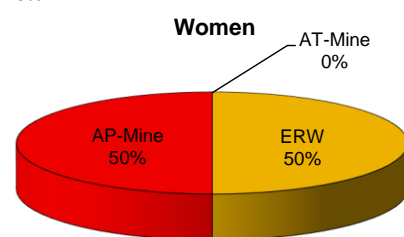
Men



Children



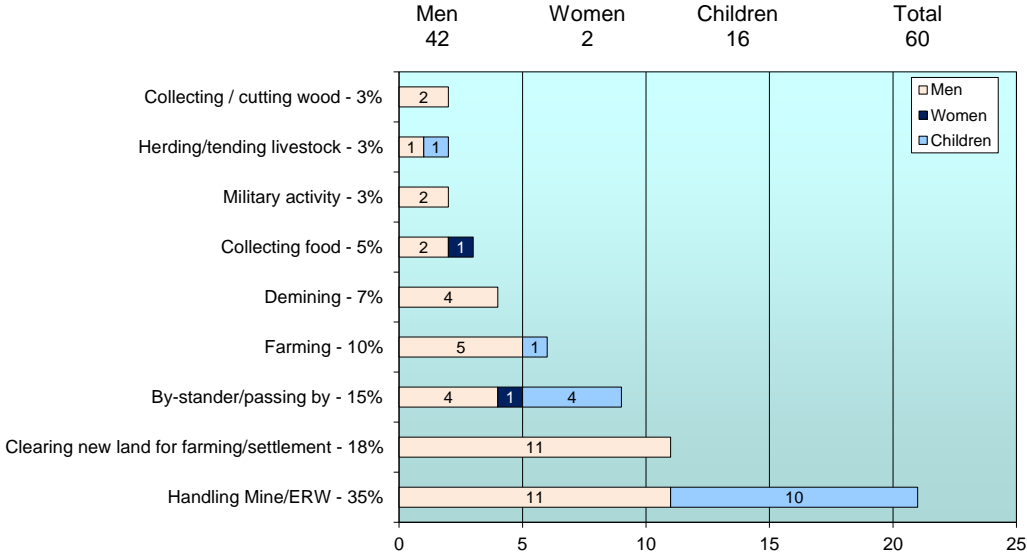
Women



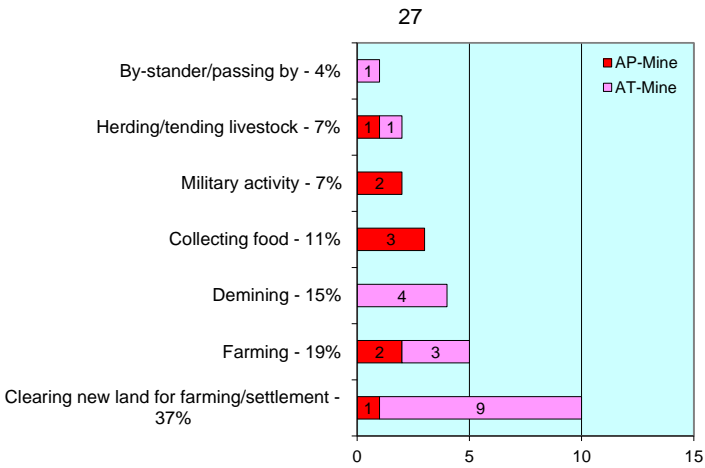
Jan2022 - May2023

Number of accidents during Reporting Period: **60**

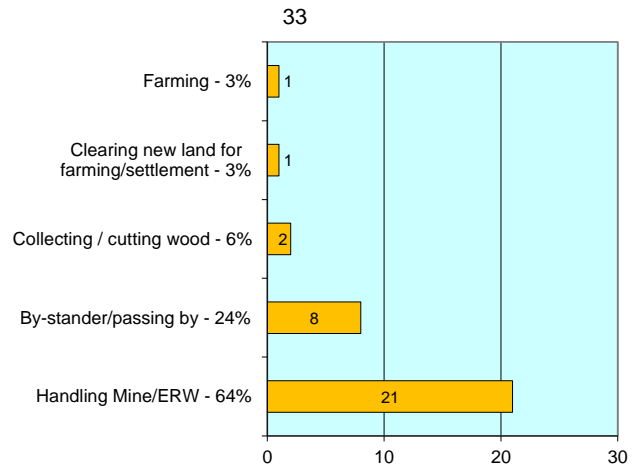
Cause of Accident by Total Population Group



Activities - Mines

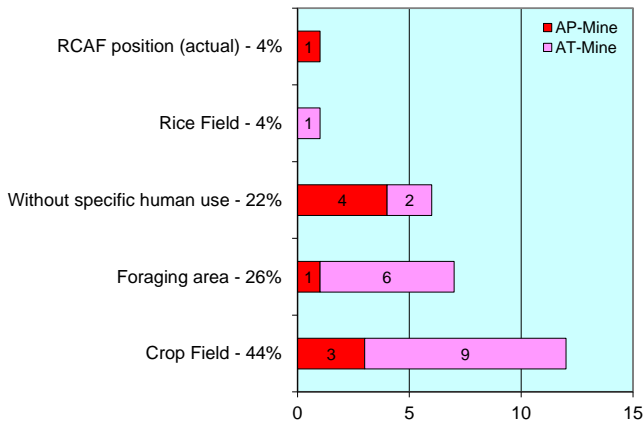


Activities - ERW



Explosive Ordnance Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

