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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

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

Background

The Cambodia Mine/ERW Victim Information System (CMVIS) was 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 December 2023

For the period of January 1979 to December 2023, a total of **65037 EO casualties** were recorded by CMVIS officials. All of the 65037 EO casualties:

- 51184 (79%) were mine casualties, and 13853 (21%) were ERW casualties.
- 19822 (30%) people were killed, 36127 (56%) people were injured, and 9088 (14%) people were amputated.
- 52675 (81%) casualties were men, 6112 (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 December 2023

From January to December 2023, **29 EO accidents** were provisionally recorded. This figure is similar to the 29 EO accidents reported from January to December 2022. Of the 29 EO accidents, 17 were mine accidents, and 12 were ERW accidents.

3- Casualty Summary for January to December 2023

From January to December 2023, 32 EO casualties were provisionally recorded. This figure represents a decrease of 22% compared with the 41 EO casualties reported from January to December 2022.

All of the 32 EO casualties:

- 17 people were mine casualties, and 15 people were ERW casualties.
- 4 people were killed, 18 people were injured, and 10 people were amputated.
- 25 casualties were men, 6 casualties were boys (age<18), and 1 was a woman.

4- Accident Summary for December 2023

In December 2023, there were **2 EO accidents** caused by mines in the province of Battambang. The figure for December 2023 is an increase of 100% compared with 1 EO accident reported in December 2022.

Information about EO accident area for December 2023

- 1 Mine accident in Crop Field
- 1 Mine accident in Foraging.

5- Casualty Summary for December 2023

In December 2023, there were **2 EO casualties**. This figure for December 2023 is an increase of 100% compared with 1 EO casualty reported in December 2022.

Of the 2 EO casualty:

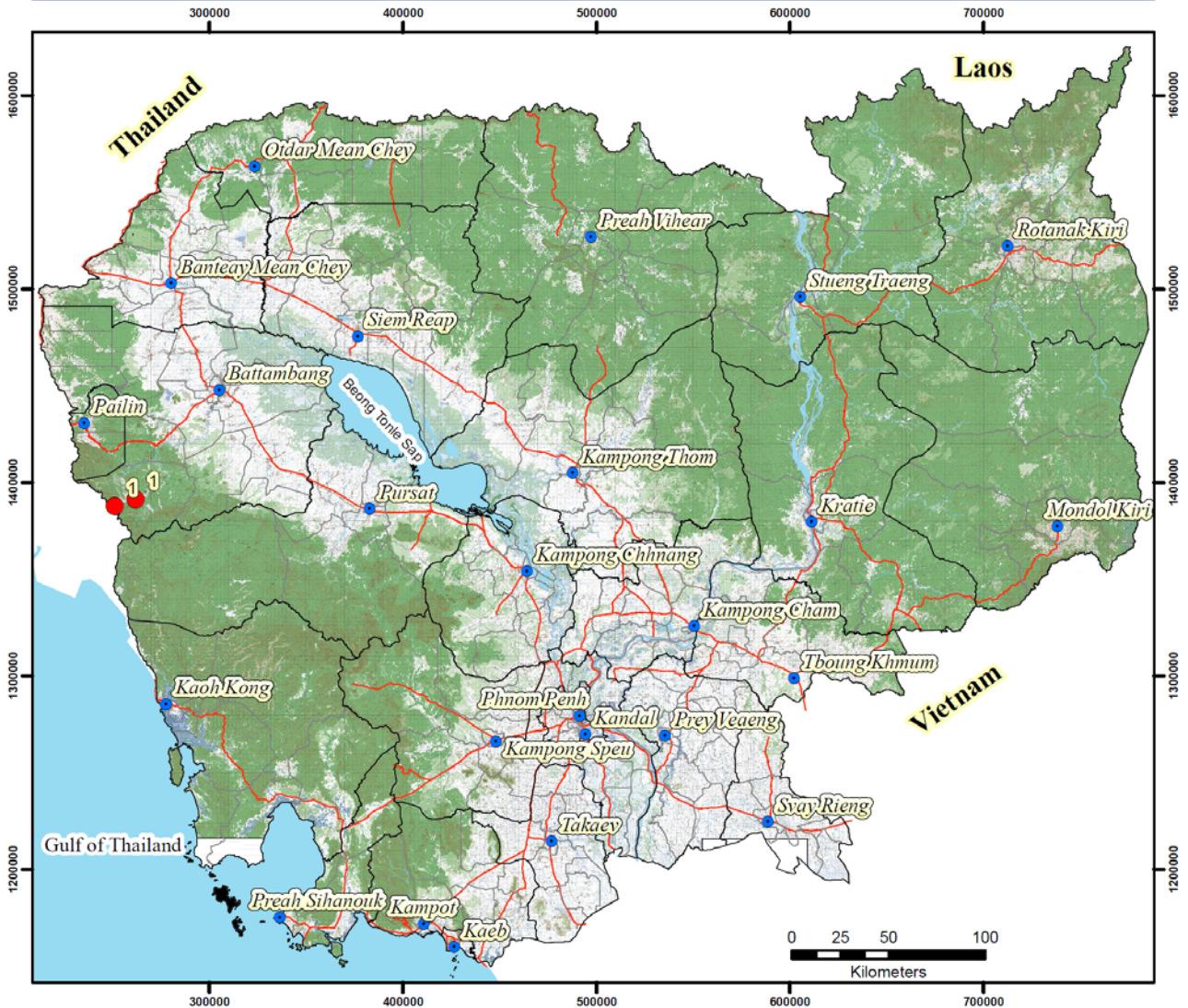
- 2 people were mine casualties.
- 1 people was injured, and 1 people was amputated.
- 1 casualty was a man, and 1 people was a boy (age<18).
- The activity at the time of the accident was as follows: Clearing land for agriculture activity, which accounted for 1 casualty; collecting food activity, which accounted for 1 casualty.

6- Impact of accident area for the period of January 2022 to December 2023 (73 casualties)

- 05 most affected provinces represent **63%** of total casualties.
- 10 most affected districts represent **71%** of total casualties.
- 10 most affected communes represent **52%** of total casualties.

For detailed information, please see on page 6.

**Explosive Ordnance Accident location in December 2023
Accident: 2 case, Casualty: 2 people**



Legend

- Mine accident
- Province Centers
- ▭ Province Boundary
- ▭ District Boundary
- Water surface
- National Road



Produced by CMVIS, Jan 2024

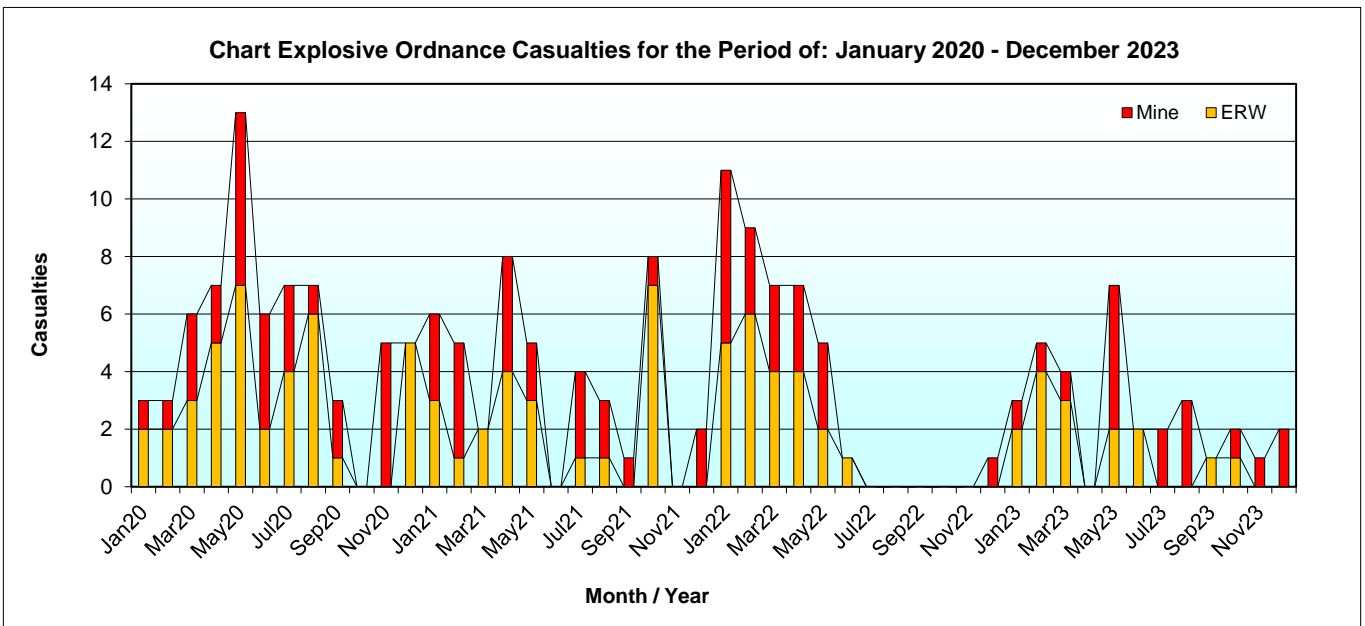
Further analysis and detailed EO casualty/accident information are available on request, including the production of risk maps and the provision of village-level data. For customized reports more suited to your organization's needs, contact the CMVIS office: ketva@cmaa.gov.kh

Casualty Trend

Report Explosive Ordnance Casualties for the Period of: January 2020 - December 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	2	2	3	1	2	1	2	32
monthly change +/- from 2022	-8	-4	-3	-7	2	1	2	3	1	2	1	1	
monthly change % from 2022	-73	-44	-43	-100	40	100	100	100	100	100	100	100	
<i>Running Total 2023</i>	3	8	12	12	19	21	23	26	27	29	30	32	
% change 2022 to 2023	-73	-60	-56	-65	-51	-48	-43	-35	-33	-28	-25	-22	

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

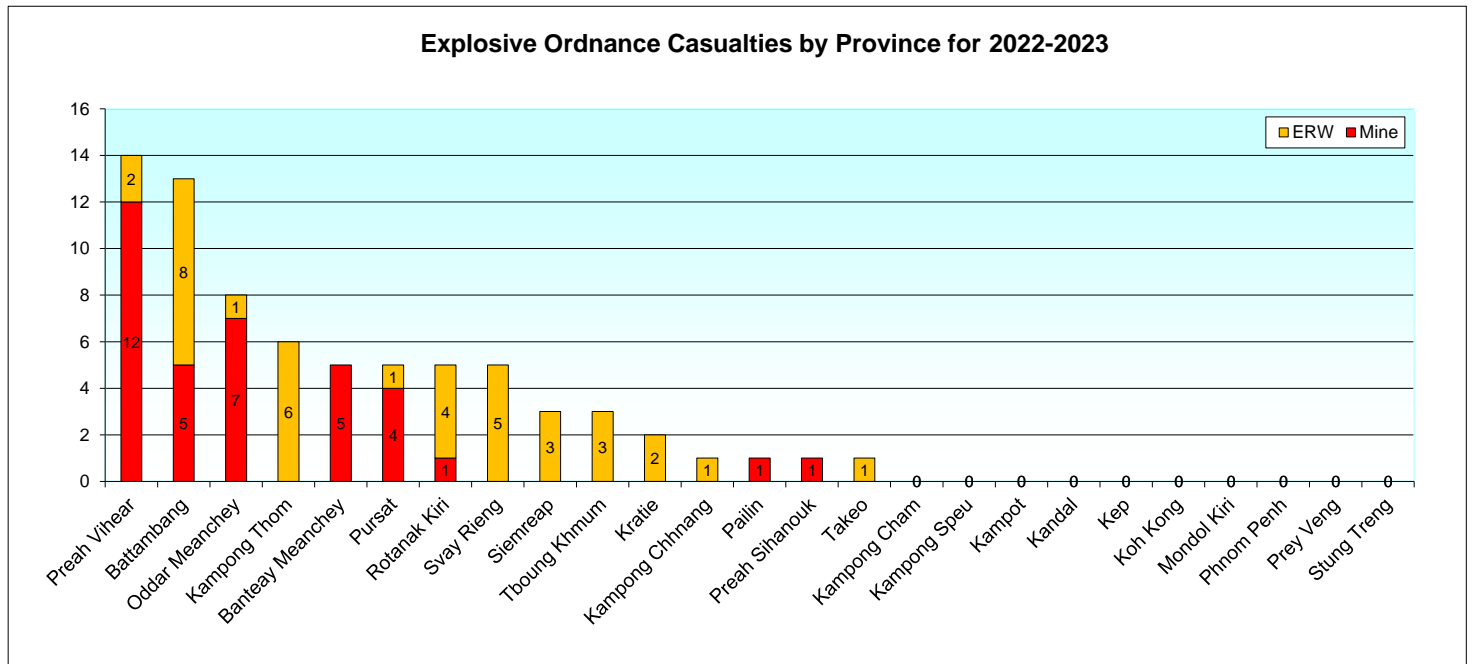


Monthly Explosive Ordnance Accident Casualties: Jan2022 - Dec2023

Provinces ranked by Total Explosive Ordnance Casualties for 2022 - 2023

Province	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	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Total 2023	Total 2022-2023	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.						
Preah Vihear	6	0	2	2	2	0	0	0	0	0	0	0	12	1	0	0	0	0	0	1	0	0	0	0	2	14	14	19.2	19		
Battambang	2	0	3	0	2	0	0	0	0	0	0	0	7	0	0	0	0	2	0	0	1	1	0	0	2	6	13	27	17.8	37	
Oddar Meanchey	0	0	1	1	0	0	0	0	0	0	0	1	3	0	1	1	0	1	0	0	1	0	0	1	0	5	8	35	11	48	
Kampong Thom	1	0	0	4	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	1	6	41	8.2	56		
Rotanak Kiri	1	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	1	0	0	0	0	4	5	46	6.8	63	
Banteay Meanchey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	1	0	0	0	5	5	51	6.8	70	
Pursat	1	3	0	0	0	0	0	0	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	1	5	56	6.8	77	
Svay Rieng	0	5	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5	61	6.8	84	
Tboung Khmum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	3	3	64	4.1	88	
Siemreap	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	2	3	67	4.1	92	
Kratie	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	2	69	2.7	95	
Preah Sihanouk	0	1	0	0	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	96	
Kampong Chhnang	0	0	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	71	1.4	97	
Takeo	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	0	1	1	72	1.4	99
Pailin	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	0	1	73	1.4	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	0	73	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	0	73	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	0	0	0	73	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	0	0	0	73	0	100
Koh 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	0	0	0	73	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	0	73	0	100
Prey Veng	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	0	73	0	100
Stung Treng	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	0	73	0	100
Kep	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	0	73	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	0	73	0	100
TOTAL	11	9	7	7	5	1	0	0	0	0	0	1	41	3	5	4	0	7	2	2	3	1	2	1	2	32	73				

Explosive Ordnance Casualties by Province for 2022-2023



5 Most Affected Provinces for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2022 - Dec2023

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Preah Vihear	12	2	14	14
2	Battambang	5	8	13	27
3	Oddar Meanchey	7	1	8	35
4	Kampong Thom	0	6	6	41
5	Banteay Meanchey	5	0	5	46

10 Most Affected Districts for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2022 - Dec2023

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	12	2	14	14
2	Samlout	Battambang	3	4	7	21
3	Ou Ya Dav	Rotanak Kiri	1	4	5	26
4	Svay Rieng	Svay Rieng	0	5	5	31
5	Veal Veang	Pursat	4	1	5	36
6	Anlong Veang	Oddar Meanchey	3	1	4	40
7	Baray	Kampong Thom	0	4	4	44
8	Thma Puok	Banteay Meanchey	3	0	3	47
9	Rotanak Mondol	Battambang	0	3	3	50
10	Ou Chrov	Banteay Meanchey	2	0	2	52

10 Most Affected Communes for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2022 - Dec2023

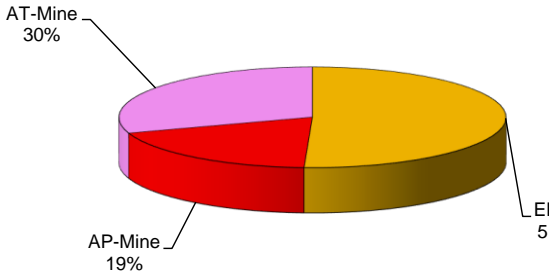
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Morokot	Choam Khsant	Preah Vihear	6	1	7	7
2	Sangkhoar	Svay Rieng	Svay Rieng	0	5	5	12
3	Kokir Thum	Baray	Kampong Thom	0	4	4	16
4	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	20
5	Choam Ksant	Choam Khsant	Preah Vihear	2	1	3	23
6	Kouk Romiet	Thma Puok	Banteay Meanchey	3	0	3	26
7	Reaksmei Songha	Rotanak Mondol	Battambang	0	3	3	29
8	Samlout	Samlout	Battambang	1	2	3	32
9	Trapeang Prei	Anlong Veang	Oddar Meanchey	2	1	3	35
10	Samrel	Samlout	Battambang	1	2	3	38

OVERVIEW OF EXPLOSIVE ORDNANCE ACCIDENTS

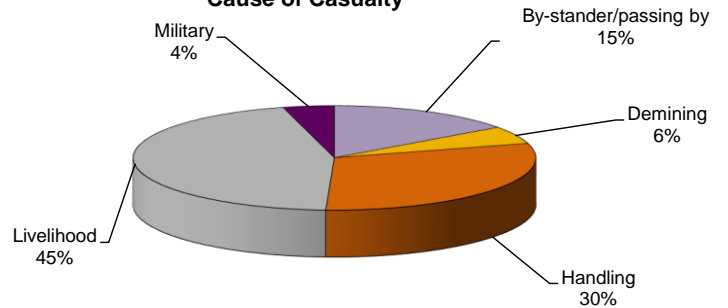
Jan2022 - Dec2023

Total Number of Casualties during Reporting Period: 73

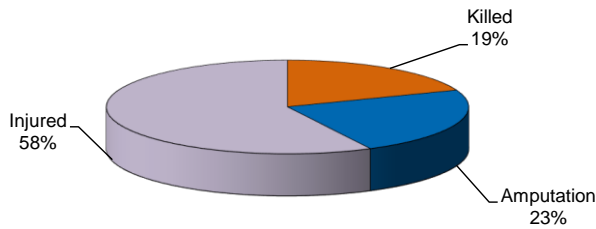
Explosive Ordnance Distribution



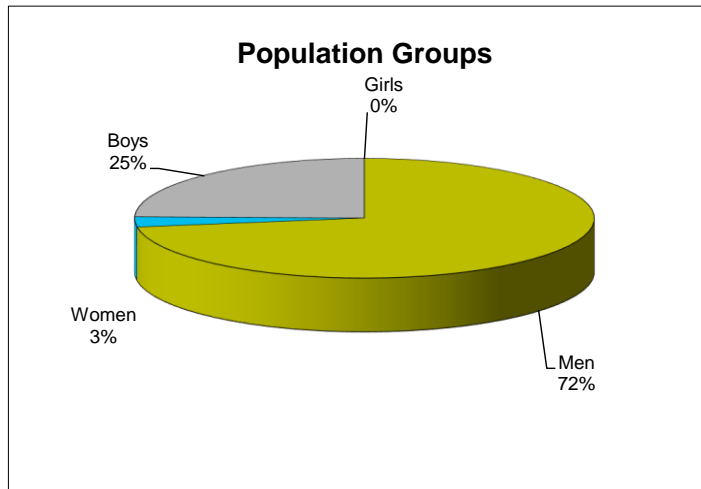
Cause of Casualty



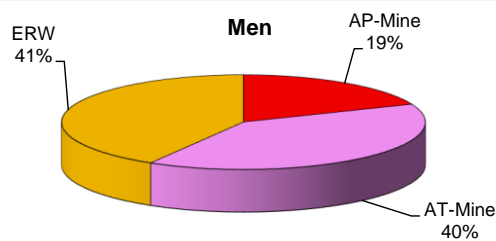
Casualty Types



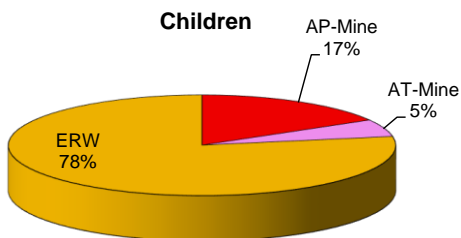
EXPLOSIVE ORDNANCE ACCIDENT OVERVIEW



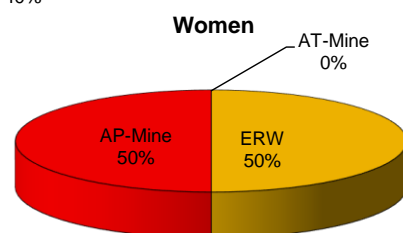
Men



Children



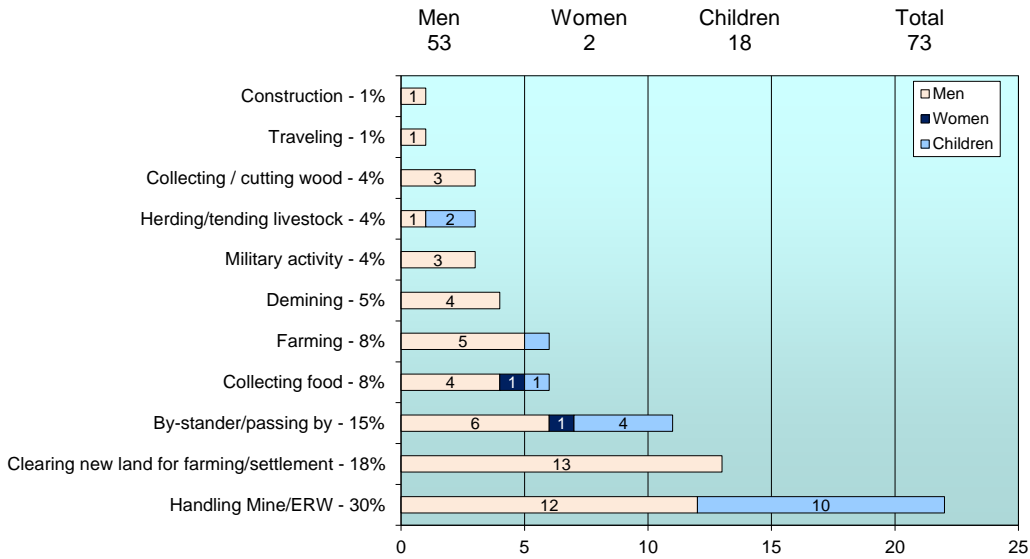
Women



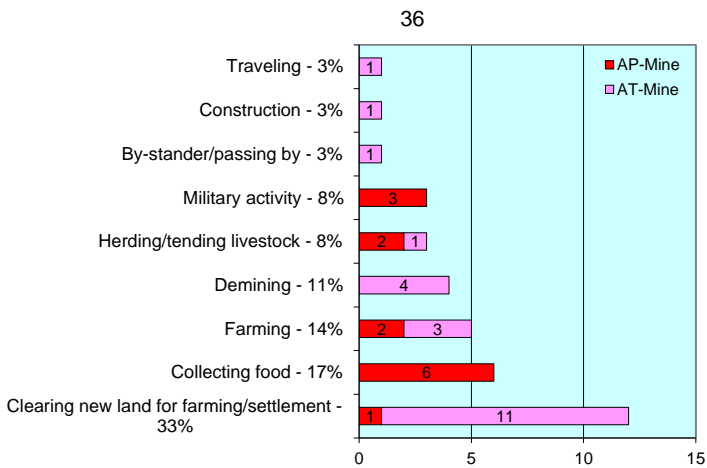
Jan2022 - Dec2023

Number of accidents during Reporting Period: 73

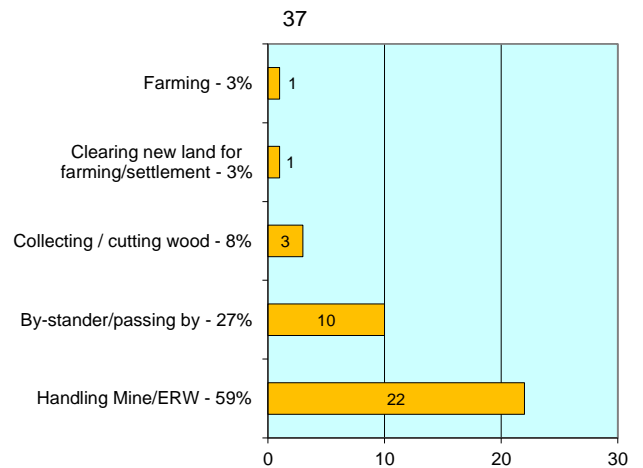
Cause of Accident by Total Population Group



Activities - Mines

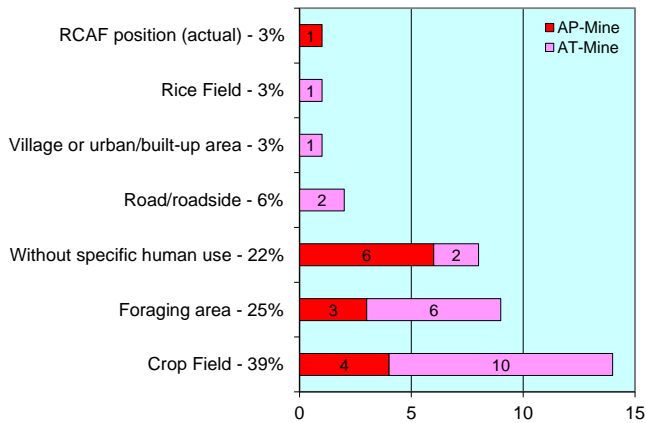


Activities - ERW



Explosive Ordnance Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

