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C.M.A.A

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
ON  
EXPLOSIVE ORDNANCE ACCIDENTS  
FOR OCTOBER 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 October 2023

For the period of January 1979 to October 2023, a total of **65034 EO casualties** were recorded by CMVIS official. All of the 65034 EO casualties:

- 51181 (79%) were Mine casualties, and 13853 (21%) were ERW casualties.
- 19822 (30%) people killed, 36125 (56%) people injured, and 9087 (14%) people amputated.
- 52673 (81%) casualties were men, 6111 (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 October 2023

From January to October 2023, **26 EO** accidents were provisionally recorded. This figure represents a decrease by 7% compared with 28 EO accidents reported from January to October 2022. Of the 26 EO accidents, 14 were mine accidents and 12 were ERW accidents.

#### 3- Casualty Summary for January to October 2023

From January to October 2023, **29 EO** casualties were provisionally recorded. This figure represents a decrease by 28% compared with 40 EO casualties reported from January to October 2022.

All of the 29 EO casualties:

- 14 people were mine casualties, and 15 people were ERW casualties.
- 4 people killed, 16 people injured, and 9 people amputated.
- 23 casualties were men, 5 casualties were boys (age<18), and 1 was a woman.

#### 4- Accident Summary for October 2023

In October 2023, there were **2 EO** accidents, 1 mine accident, and 1 ERW accident in the provinces of Banteay Meanchey and Tboung Khmum. The figure for October 2023 is an increase of 100% compared with 0 EO accidents reported in October 2022.

##### Information about EO accident area for October 2023

- o 1 Mine accident in Land without specific human used.
- o 1 ERW accident in Village.

#### 5- Casualty Summary for October 2023

In October 2023, there were **2 EO casualties**. This figure for October 2023 is an increase of 100% compared with 0 EO casualties reported in October 2022. Of the 2 EO casualties:

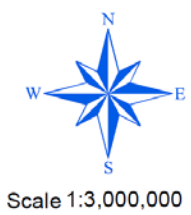
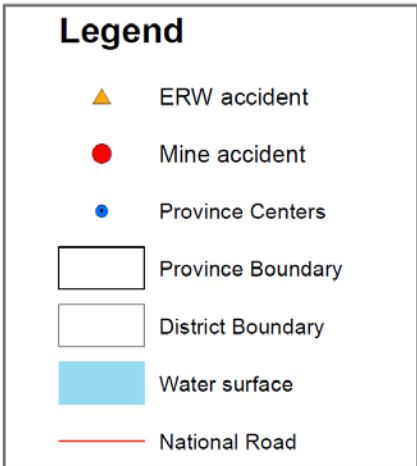
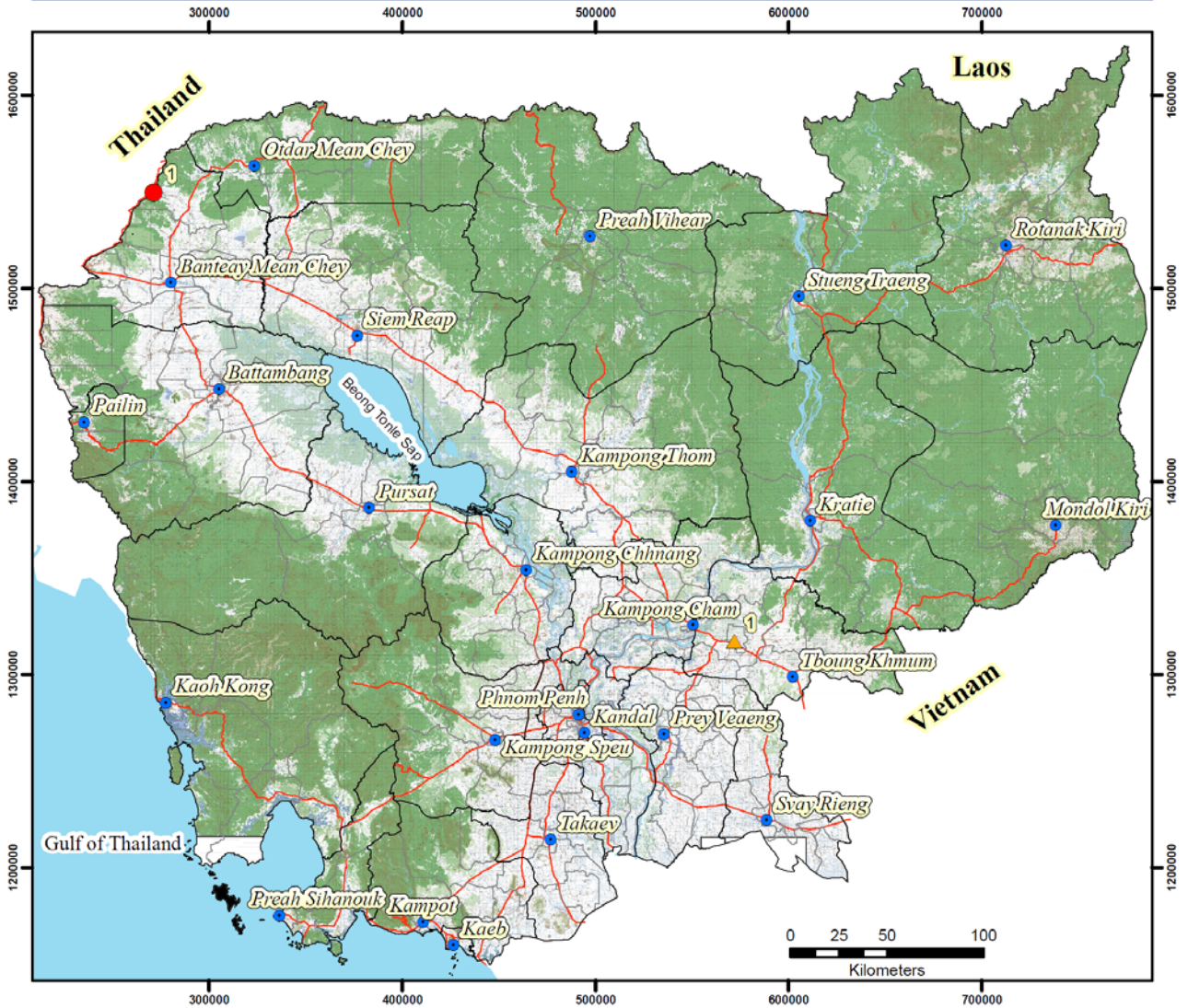
- 1 person was a Mine casualty, and 1 person was ERW casualty.
- 1 person injured, and 1 person amputated.
- 2 casualties were men.
- The activities at the time of the accident were as follows: collecting food activity, which accounted for 1 casualty, and by-stander activity, which accounted for 1 casualty.

#### 6- Impact of accident area for the period of January 2022 to October 2023 (70 casualties)

- 05 most affected provinces represent **61%** of total casualties.
- 10 most affected districts represent **71%** of total casualties.
- 10 most affected communes represent **54%** of total casualties.

For detailed information, please see on page 6.

**Explosive Ordnance Accident location in October 2023**  
**Accident: 2 cases, Casualty: 2 people**



Produced by CMVIS, Nov 2023

*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: [ketya@cmaa.gov.kh](mailto:ketya@cmaa.gov.kh)

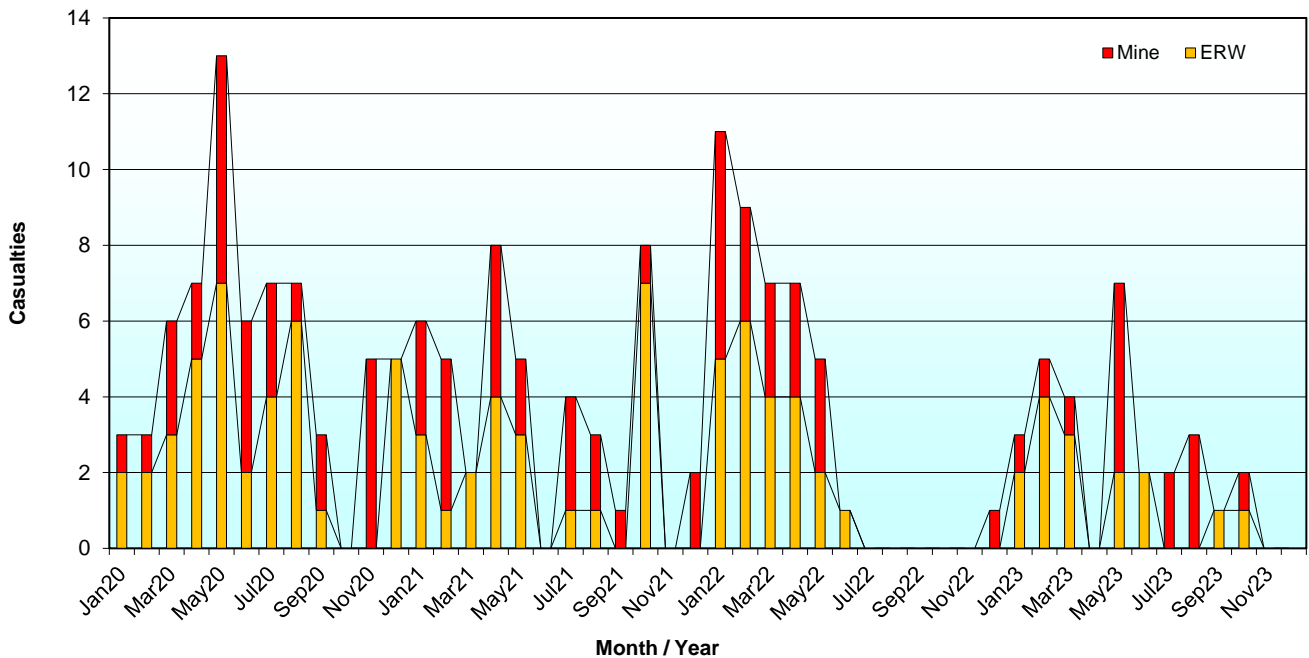
## Casualty Trend

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

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
<b>2020</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>7</b>	<b>13</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>5</b>	<b>65</b>
<i>Running Total 2020</i>	3	6	12	19	32	38	45	52	55	55	60	65	
<b>2021</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>2</b>	<b>44</b>
<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	
<b>2022</b>	<b>11</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>41</b>
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	
<b>2023</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>			<b>29</b>
monthly change +/- from 2022	-8	-4	-3	-7	2	1	2	3	1	2			
monthly change % from 2022	-73	-44	-43	-100	40	100	100	100	100	100			
<i>Running Total 2023</i>	3	8	12	12	19	21	23	26	27	29			
% change 2022 to 2023	-73	-60	-56	-65	-51	-48	-43	-35	-33	-28			

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

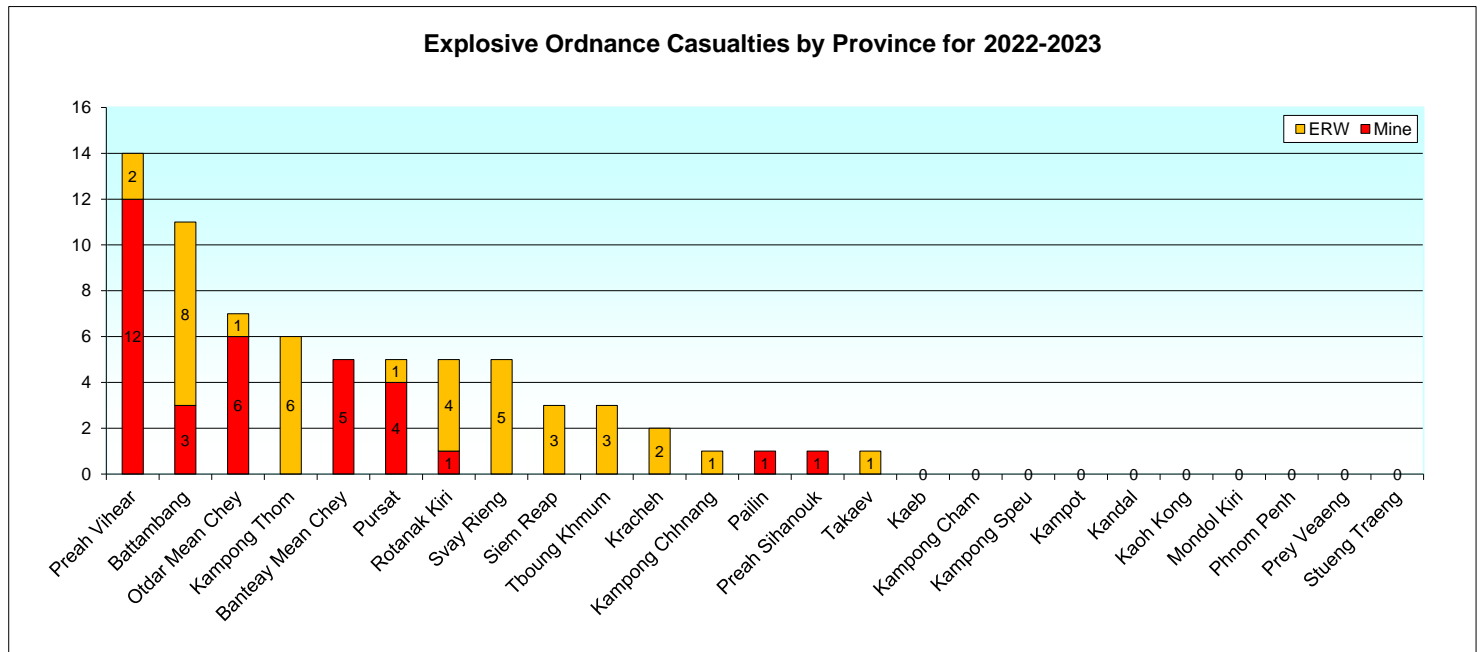
Chart Explosive Ordnance Casualties for the Period of: January 2020 - Oct 2023



## Monthly Explosive Ordnance Accident Casualties: Jan2022 - Oct2023

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	1	0	0	0	0	2	14	14	20	20
Battambang	2	0	3	0	2	0	0	0	0	0	0	7	0	0	0	0	2	0	0	1	1	0	0	4	11	25	15.7	36
Otdar Mean Chey	0	0	1	1	0	0	0	0	0	0	0	3	0	1	1	0	1	0	0	1	0	0	0	4	7	32	10	46
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	38	8.6	54
Rotanak Kiri	1	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	1	0	0	0	4	5	43	7.1	61
Banteay Mean Chey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	1	0	0	5	5	48	7.1	69
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	53	7.1	76
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	58	7.1	83
Tboung Khmum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3	3	61	4.3	87
Siem Reap	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	2	3	64	4.3	91
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	66	2.9	94
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	67	1.4	96
Kampong Chhnang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	68	1.4	97
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	69	1.4	99
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	70	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	70	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	70	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	70	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	70	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	70	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	70	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	70	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	70	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	70	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	70	0	100
<b>TOTAL</b>	<b>11</b>	<b>9</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>41</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>7</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>29</b>	<b>70</b>		



## 5 Most Affected Provinces for Explosive Ordnance Casualties

### Ranked by Total Casualties

Jan2022 - Oct2023

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Preah Vihear	12	2	14	14
2	Battambang	3	8	11	25
3	Otdar Mean Chey	6	1	7	32
4	Kampong Thom	0	6	6	38
5	Banteay Mean Chey	5	0	5	43

## 10 Most Affected Districts for Explosive Ordnance Casualties

### Ranked by Total Casualties

Jan2022 - Oct2023

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	12	2	14	14
2	Samlout	Battambang	1	4	5	19
3	Ou Ya Dav	Rotanak Kiri	1	4	5	24
4	Svay Rieng	Svay Rieng	0	5	5	29
5	Veal Veang	Pursat	4	1	5	34
6	Anlong Veang	Otdar Mean Chey	3	1	4	38
7	Baray	Kampong Thom	0	4	4	42
8	Thma Puok	Banteay Mean Chey	3	0	3	45
9	Rotanak Mondol	Battambang	0	3	3	48
10	Ou Chrov	Banteay Mean Chey	2	0	2	50

## 10 Most Affected Communes for Explosive Ordnance Casualties

### Ranked by Total Casualties

Jan2022 - Oct2023

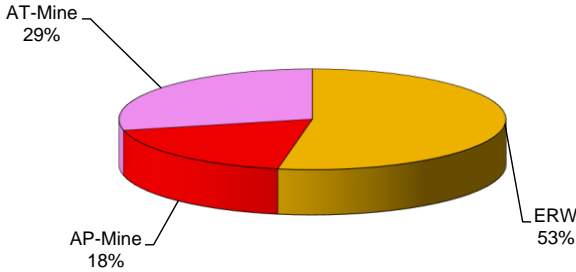
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Morokot	Choam Khsant	Preah Vihear	6	1	7	7
2	Sangkhoar	Svay Rieng	Svay Rieng	0	5	5	12
3	Kokir Thum	Baray	Kampong Thom	0	4	4	16
4	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	20
5	Kouk Romiet	Thma Puok	Banteay Mean Chey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

## OVERVIEW OF EXPLOSIVE ORDNANCE ACCIDENTS

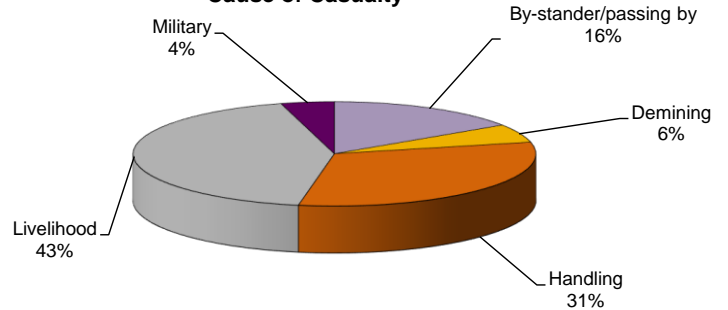
Jan2022 - Oct2023

Total Number of Casualties during Reporting Period: 70

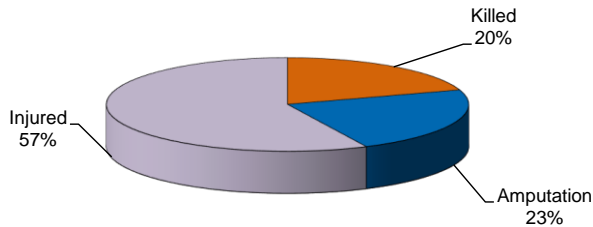
**Explosive Ordnance Distribution**



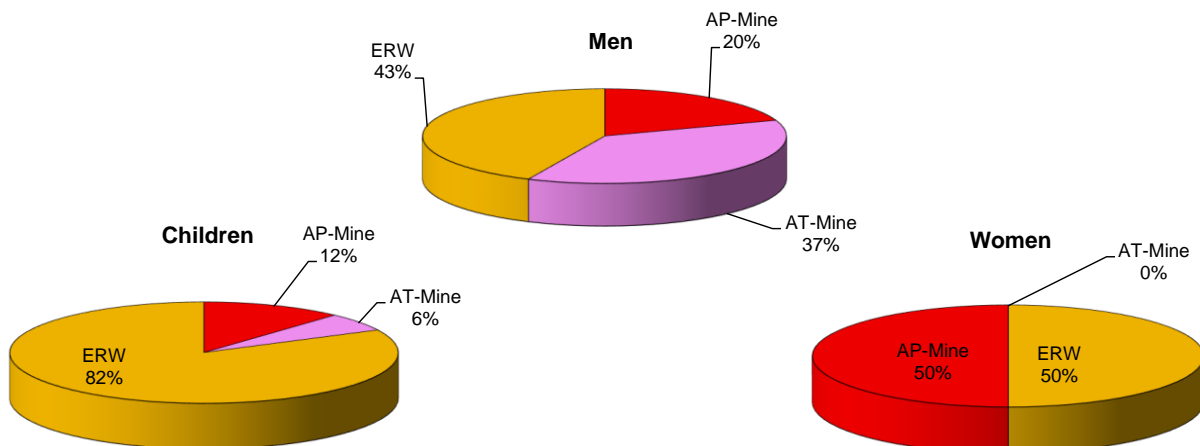
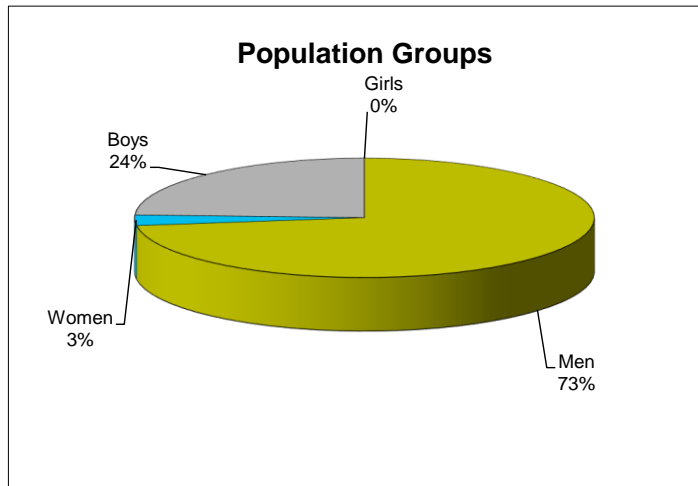
**Cause of Casualty**



**Casualty Types**



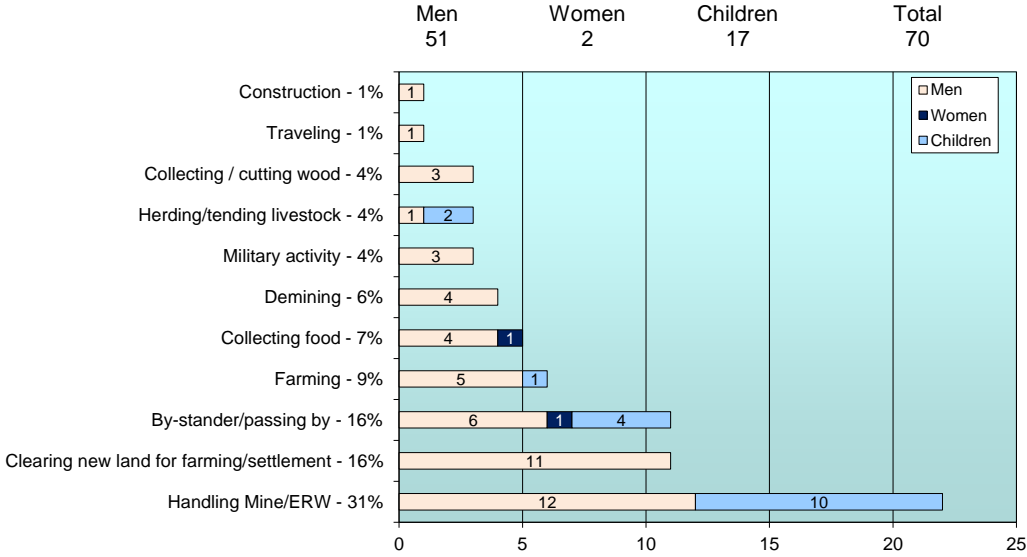
### EXPLOSIVE ORDNANCE ACCIDENT OVERVIEW



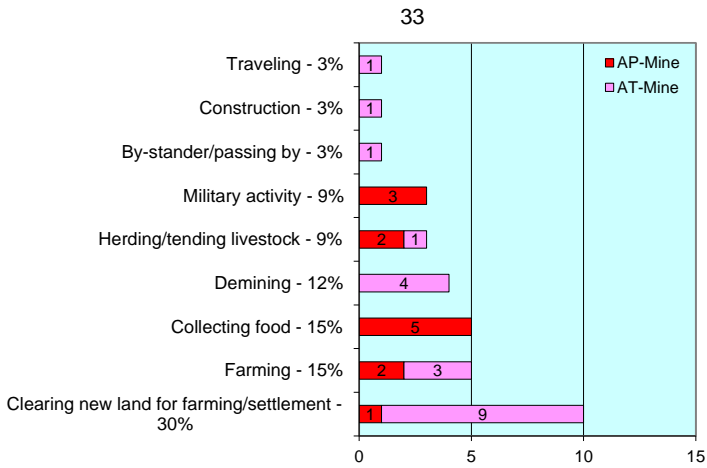
Jan2022 - Oct2023

Number of accidents during Reporting Period: **70**

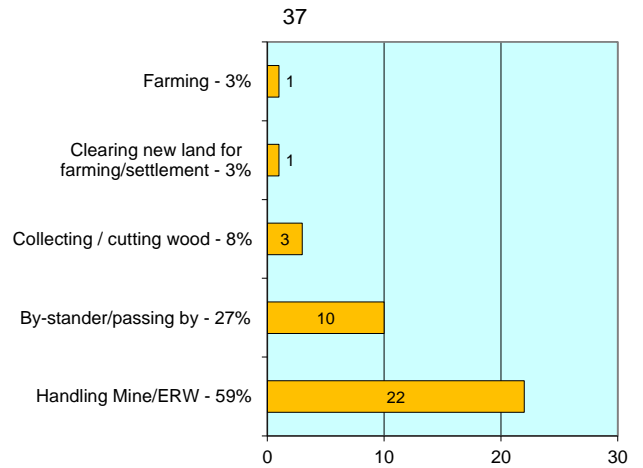
**Cause of Accident by Total Population Group**



**Activities - Mines**

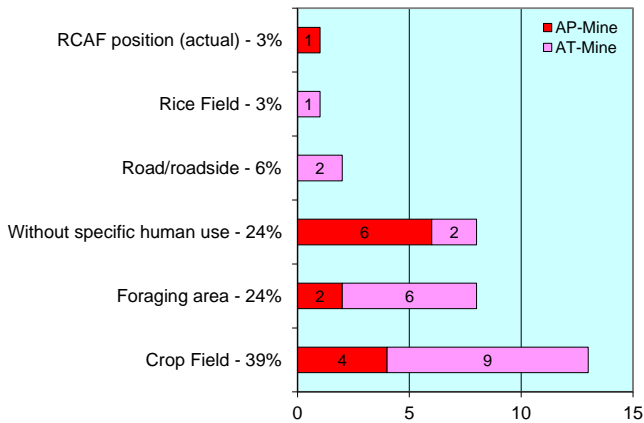


**Activities - ERW**



**Explosive Ordnance Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

