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C.M.A.A

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
ON  
EXPLOSIVE ORDNANCE ACCIDENTS  
FOR JUNE 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 June 2022

For the period of January 1979 to June 2022, a total of **65004** EO casualties were recorded by CMVIS official.

All of the 65004 EO casualties:

- 51166 (79%) were Mine casualties, and 13838 (21%) were ERW casualties.
- 19818 (30%) people killed, 36109 (56%) people injured, and 9077 (14%) people amputated.
- 52649 (81%) casualties were men, 6106 (9%) casualties were boys (age<18), 4793 (8%) casualties were women, 1393 (2%) casualties were girls (age<18), and 63 (0%) casualties were unknowns.

#### 2- Accident Summary from January to June 2022

From January to June 2022, **27 EO** accidents were provisionally recorded. This figure is an increase by 23% compared with 22 EO accidents reported from January to June 2021. Of the 27 EO accidents, 15 were mine accidents and 12 were ERW accidents.

#### 3- Casualty Summary for January to June 2022

From January to June 2022, **40 EO** casualties were provisionally recorded. This figure represents is an increase by 54% compared with 26 EO casualties reported from January to June 2021.

All of the 40 EO casualties:

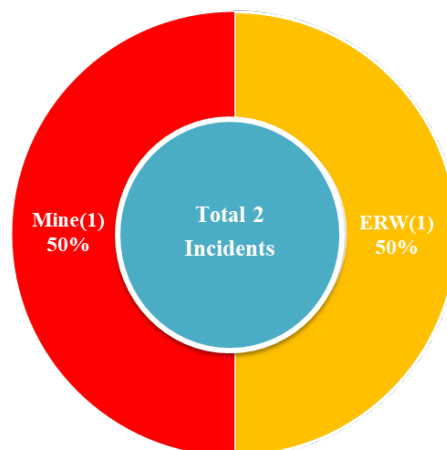
- 18 people were mine casualties, and 22 people were ERW casualties.
- 10 people killed, 23 people injured, and 7 people amputated.
- 27 casualties were men, 12 casualties were boys (age<18) and 1 casualty was a woman.

#### 4- Accident Summary for June 2022

In June 2022, **2 EO** accidents were provisionally recorded in Banteay Meanchey, and Siem Reap provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine action agencies, relatives, families of casualties, or casualty’s them-selves). The figure for June 2022 is an increase by 100% compared with zero EO accidents reported in June 2021. Of the 2 EO accidents, 1 was mine accident and 1 was ERW accident.

##### - Type of explosive ordnance

Number of incidents caused by EO



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

- 1 Mine accident in Crop Land
- 1 ERW accident in village.

**5- Casualty Summary for June 2022**

In June 2022, **1 EO casualty** was provisionally recorded. This figure for June 2022 is an increase by 100% compared with zero EO casualties reported in June 2021.

Of the 1 EO casualty:

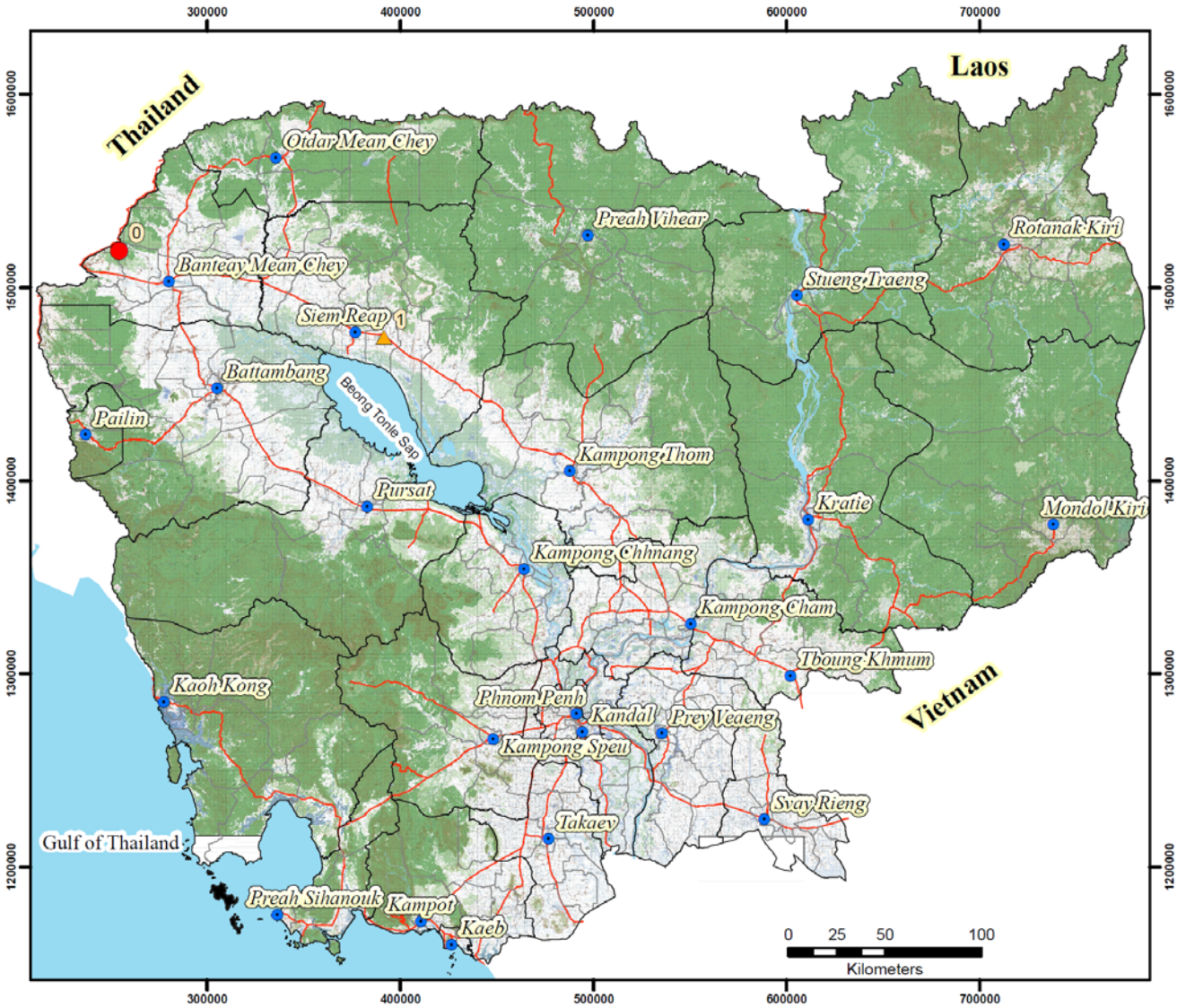
- 1 people was ERW casualty.
- 1 people injured.
- 1 casualty was man.
- The activity at the time of accident of casualty as below:
  - Farming activity accounted for 1 casualty.

**6- Impact of accident area for the period of January 2021 to June 2022 (84 casualties)**

- 05 most affected provinces represent **74%** of total casualties.
- 10 most affected districts represent **70%** of total casualties.
- 10 most affected communes represent **44%** of total casualties.

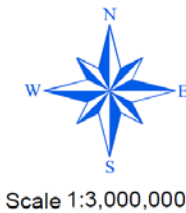
For detailed information, please see on page 7.

**Explosive Ordnance Accident location in June 2022**  
**Accident: 2 cases, Casualty: 1 people**



**Legend**

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



Produced by CMVIS, Jul 2022

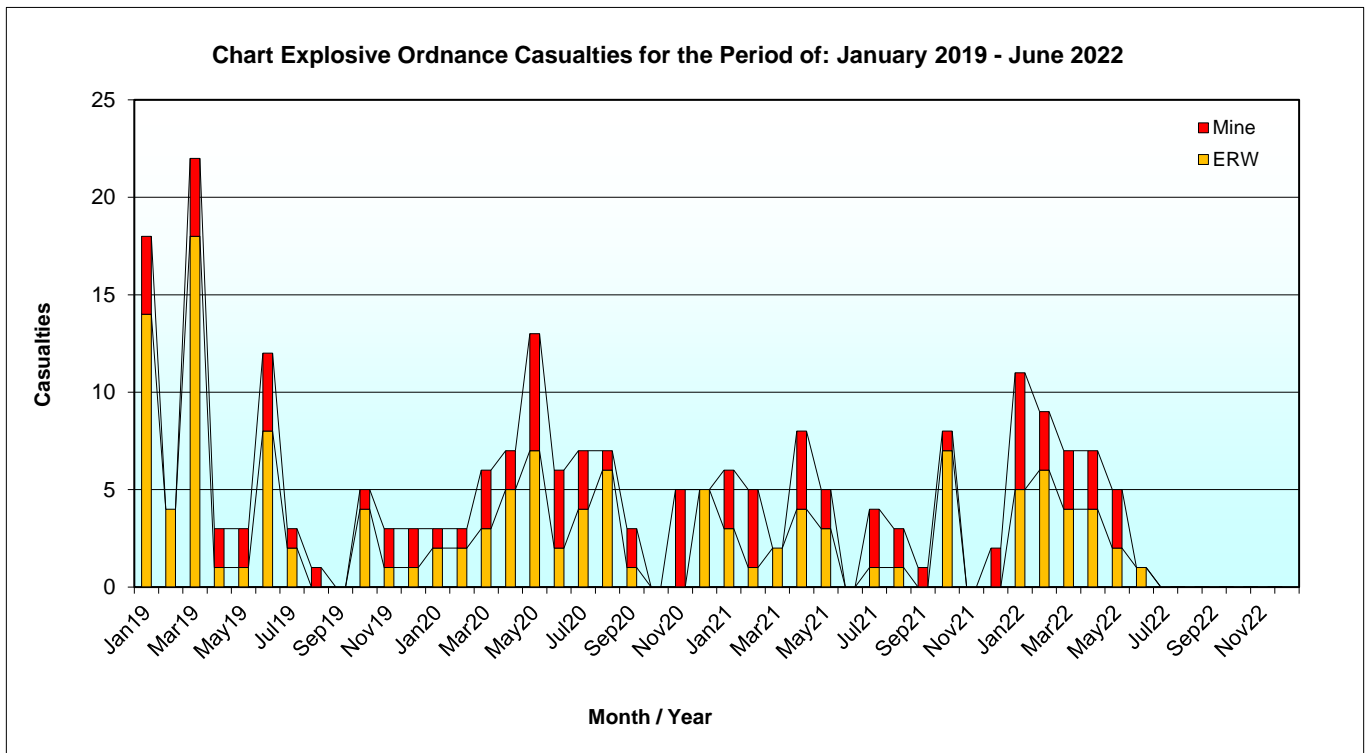
**Further analysis** and detailed EO casualty/accident information are available on request, including the production of risk maps and the provision of village-level data. For customised reports more suited to your organisation's needs, contact CMVIS office: [ketva@cmaa.gov.kh](mailto:ketva@cmaa.gov.kh)

## Casualty Trend

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

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
<b>2019</b>	<b>18</b>	<b>4</b>	<b>22</b>	<b>3</b>	<b>3</b>	<b>12</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>77</b>
<i>Running Total 2019</i>	18	22	44	47	50	62	65	66	66	71	74	77	
<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	
% change 2019 to 2020	-83	-73	-73	-60	-36	-39	-31	-21	-17	-23	-19	-16	
<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>
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>	<b>6</b>	<b>11</b>	<b>13</b>	<b>21</b>	<b>26</b>	<b>26</b>	<b>30</b>	<b>33</b>	<b>34</b>	<b>42</b>	<b>42</b>	<b>44</b>	
% 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>40</b>
monthly change +/- from 2021	5	4	5	-1	0	1							
monthly change % from 2021	83	80	250	-13	0	100							
<i>Running Total 2022</i>	<b>11</b>	<b>20</b>	<b>27</b>	<b>34</b>	<b>39</b>	<b>40</b>							
% change 2021 to 2022	83	82	108	62	50	54							

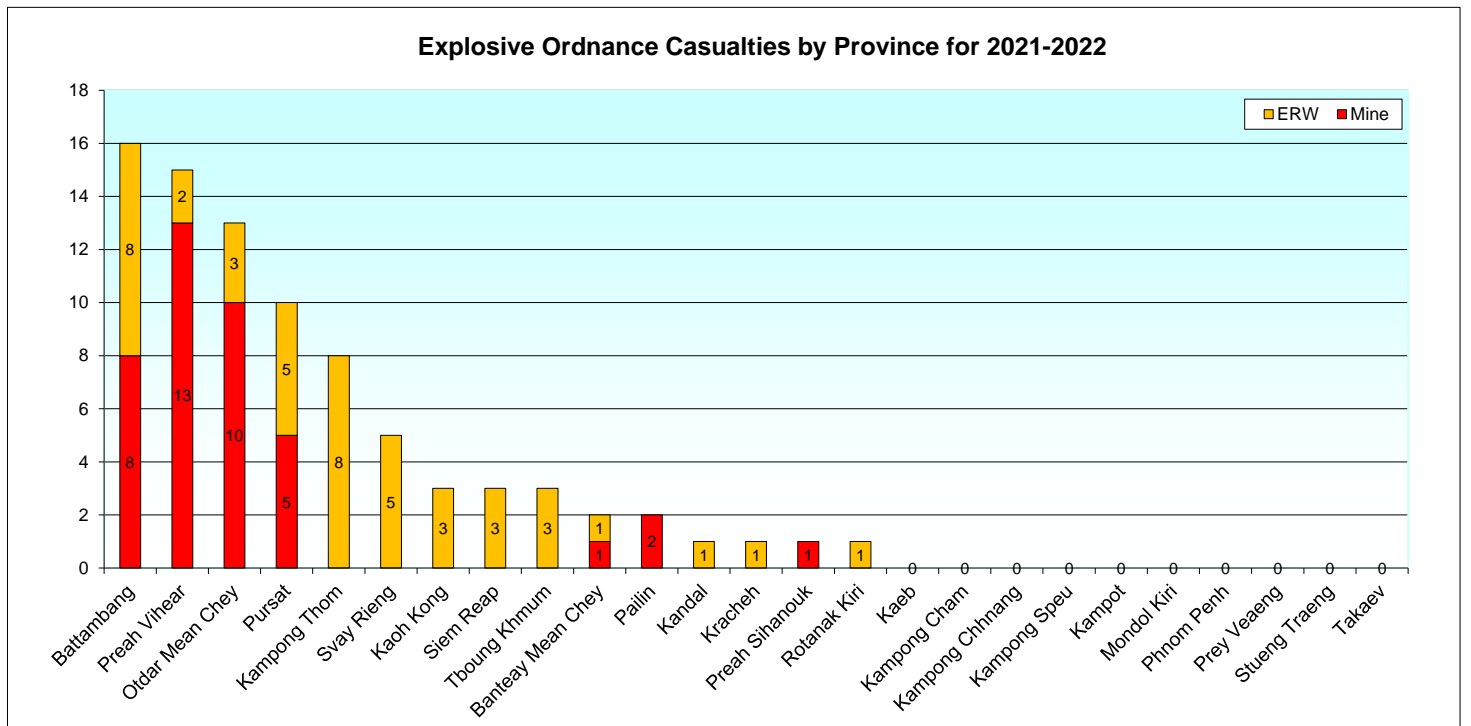
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



## Monthly Explosive Ordnance Accident Casualties: Jan2021 - Jun2022

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	2	0	0	0	0	0	0	0	7	16	16	19	19
Preah Vihear	0	0	0	0	0	0	2	0	0	0	0	0	1	3	6	0	2	2	2	0	0	0	0	0	0	12	15	31	17.9	37
Otdar Mean Chey	1	3	1	3	0	0	1	0	0	1	0	1	11	0	0	1	1	0	0	0	0	0	0	0	0	2	13	44	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	54	11.9	64
Kampong Thom	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	4	0	0	0	0	0	0	0	0	5	8	62	9.5	74
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	67	6	80
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	70	3.6	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	73	3.6	87
Siem Reap	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1	3	76	3.6	90	
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	78	2.4	93
Pailin	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	2	80	2.4	95
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	81	1.2	96
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	82	1.2	98
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	83	1.2	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	84	1.2	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	84	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	84	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	84	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	84	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	84	0	100
Prey Veaeang	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	84	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	84	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	84	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	84	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	84	0	100
<b>TOTAL</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>	<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>0</b>	<b>40</b>	<b>84</b>			



## 5 Most Affected Provinces for Explosive Ordnance Casualties

### Ranked by Total Casualties

Jan2021 - Jun2022

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Battambang	8	8	16	16
2	Preah Vihear	13	2	15	31
3	Otdar Mean Chey	10	3	13	44
4	Pursat	5	5	10	54
5	Kampong Thom	0	8	8	62

## 10 Most Affected Districts for Explosive Ordnance Casualties

### Ranked by Total Casualties

Jan2021 - Jun2022

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	13	2	15	15
2	Anlong Veang	Otdar Mean Chey	7	1	8	23
3	Veal Veang	Pursat	5	3	8	31
4	Samlout	Battambang	3	4	7	38
5	Svay Rieng	Svay Rieng	0	5	5	43
6	Baray	Kampong Thom	0	4	4	47
7	Prasat Balangk	Kampong Thom	0	3	3	50
8	Botum Sakor	Kaoh Kong	0	3	3	53
9	Dambae	Tboung Khmum	0	3	3	56
10	Trapeang Prasat	Otdar Mean Chey	2	1	3	59

## 10 Most Affected Communes for Explosive Ordnance Casualties

### Ranked by Total Casualties

Jan2021 - Jun2022

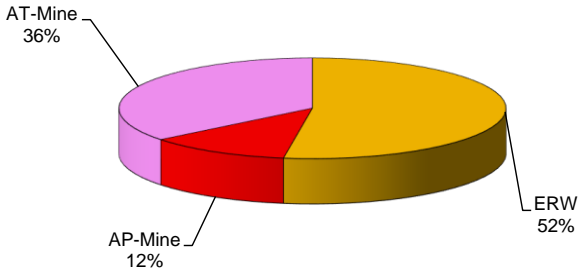
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Morokot	Choam Khsant	Preah Vihear	6	1	7	7
2	Sangkhoar	Svay Rieng	Svay Rieng	0	5	5	12
3	Kokir Thum	Baray	Kampong Thom	0	4	4	16
4	Thma Da	Veal Veang	Pursat	4	0	4	20
5	Sala Visai	Prasat Balangk	Kampong Thom	0	3	3	23
6	Andoung Tuek	Botum Sakor	Kaoh Kong	0	3	3	26
7	Choam Ksant	Choam Khsant	Preah Vihear	2	1	3	29
8	Sror Aem	Choam Khsant	Preah Vihear	3	0	3	32
9	Trapeang Pring	Dambae	Tboung Khmum	0	3	3	35
10	Anlong Reab	Veal Veang	Pursat	1	1	2	37

## OVERVIEW OF EXPLOSIVE ORDNANCE ACCIDENTS

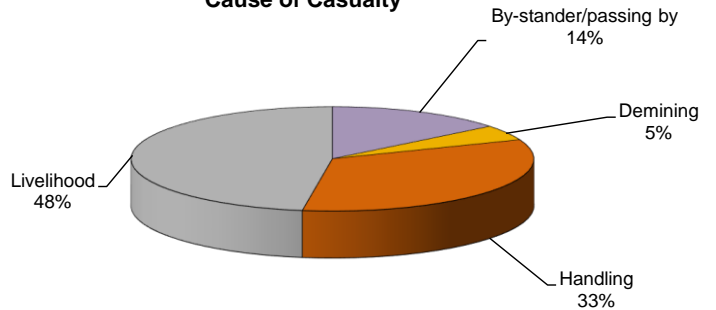
Jan2021 - Jun2022

Total Number of Casualties during Reporting Period: 84

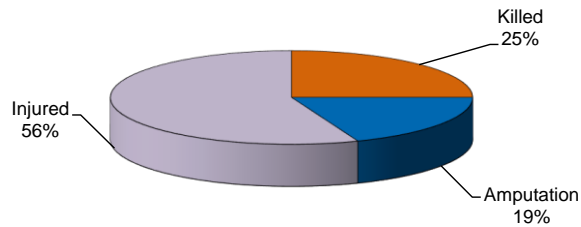
**Explosive Ordnance Distribution**



**Cause of Casualty**

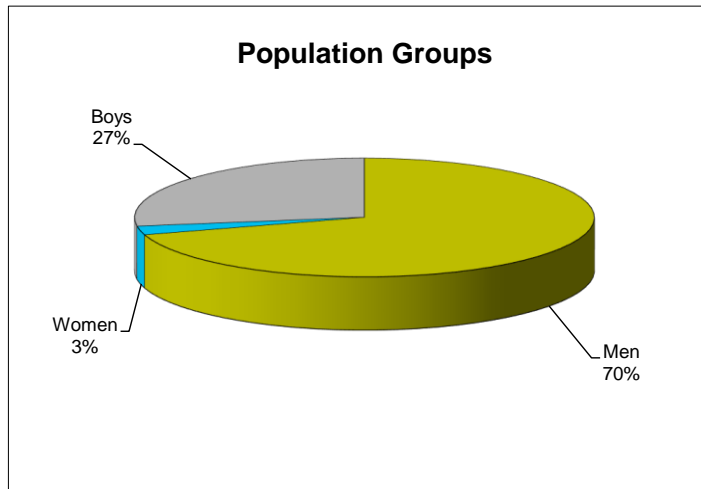


**Casualty Types**

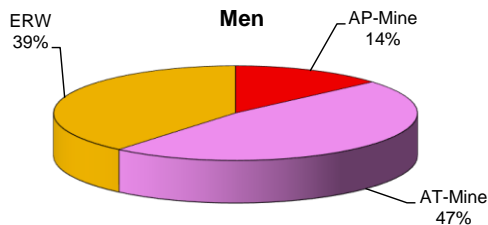


### EXPLOSIVE ORDNANCE ACCIDENT OVERVIEW

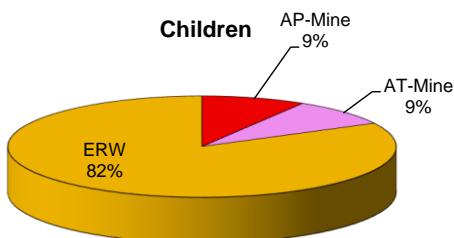
**Population Groups**



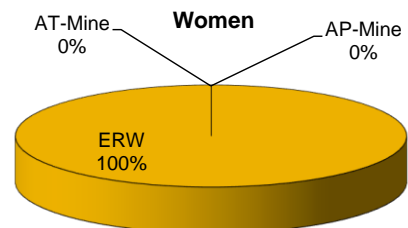
**Men**



**Children**



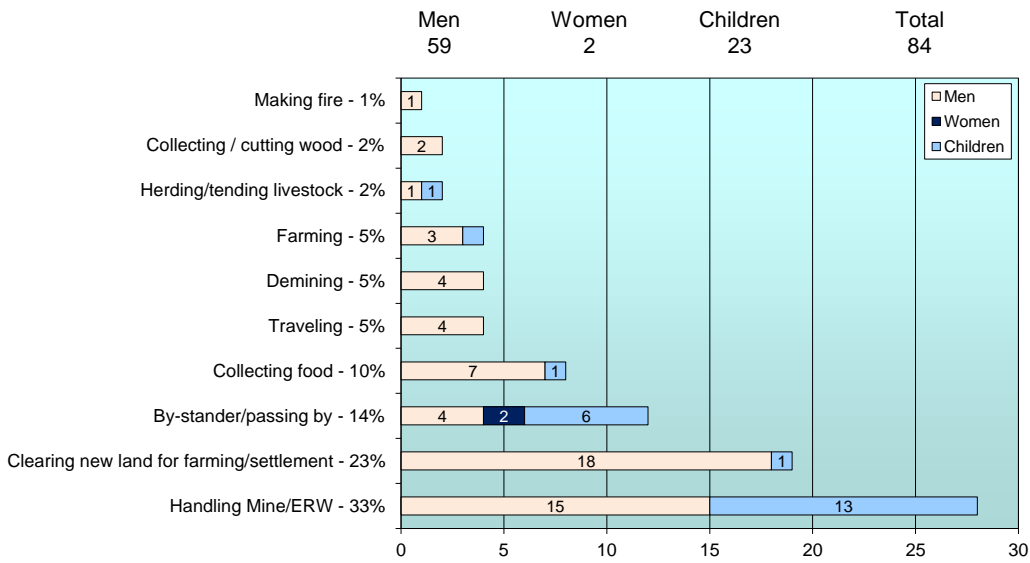
**Women**



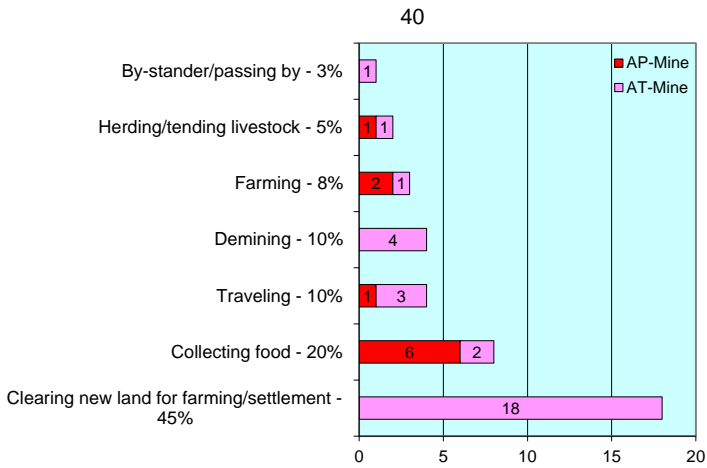
Jan2021 - Jun2022

Number of accidents during Reporting Period: **84**

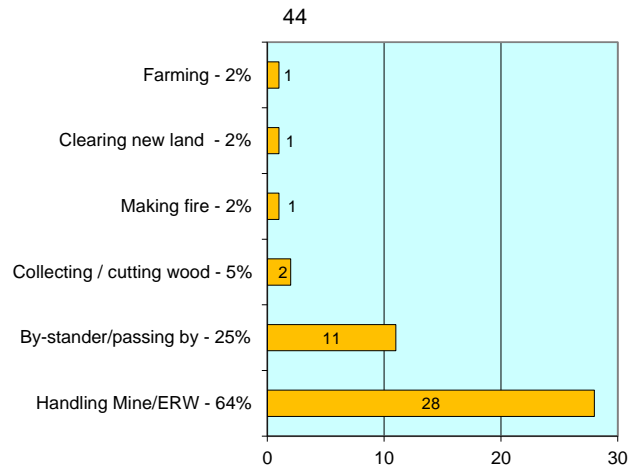
**Cause of Accident by Total Population Group**



**Activities - Mines**

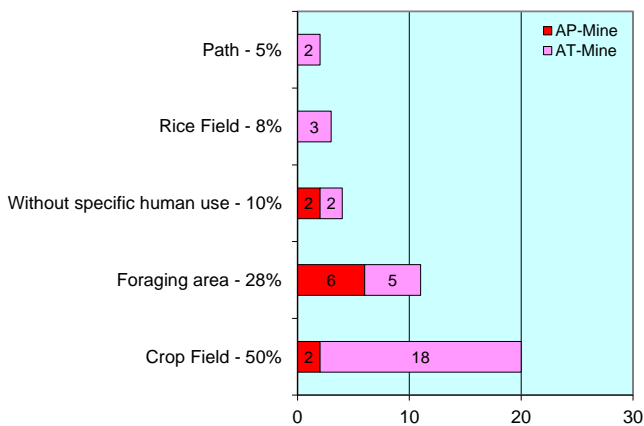


**Activities - ERW**



**Explosive Ordnance Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

