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C.M.A.A

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
FOR  
FEBRUARY 2020**

## Background

The Cambodia Mine/ERW Victim Information System (CMVIS) established in 1994 by the Cambodian Red Cross with technical and financial supported 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 (CMAA) for full management responsibility.

## Accident and Casualty Information

### 1- Total Casualties reported from February 1979 to February 2020

For the period of February 1979 to February 2020, a total of **64861** mine/ERW casualties were recorded by CMVIS data gatherers.

All of the 64861 casualties:

- 51100 (79%) were mine casualties and 13761 (21%) were ERW casualties.
- 19783 (31%) people killed, 36027 (55%) people injured and 9051 (14%) people amputated.
- 52553 (81%) casualties were men, 6068 (9%) casualties were boys (age<18), 4787 (8%) casualties were women, 1390 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

### 2- Accident Summary from January to February 2020

From January to February 2020, **6 mine/ERW accidents** were provisionally recorded. This figure for January to February 2020 represents a decrease of 40% compared with 10 mine/ERW accidents reported in 2019. Of the 6 mine/ERW accidents, 2 (33%) were mine accidents and 4 (67%) were ERW accidents.

### 3- Casualty Summary for January to February 2020

From January to February 2020, **6 mine/ERW casualties** were provisionally recorded. This figure represents a decrease of 73% compared with 22 mine/ERW casualties reported in 2019.

All of the 6 casualties:

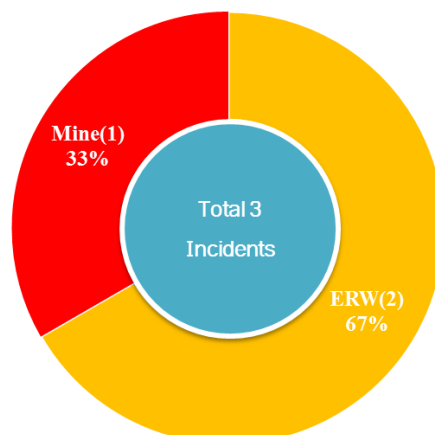
- 4 (67%) were ERW casualties, and 2 (33%) were mine casualties.
- 3 (50%) people killed, 1 (17%) people injured and 2 (33%) people amputated.
- 5 (83%) casualties were men, and 1 (17%) casualty was boy (age<18).

### 4- Accident Summary for February 2020

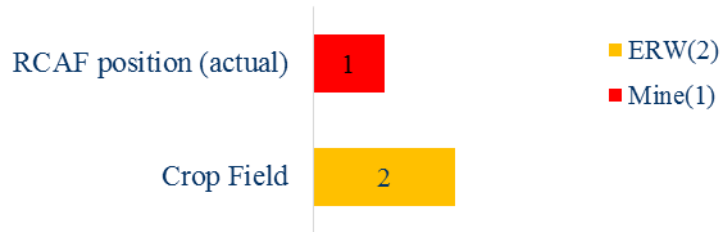
In February 2020, **3 Mine/ERW accidents** were provisionally recorded in Preah Vihear, Kampong Thum and Stung Treng provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine/ERW action agencies, relatives, families of casualties, or casualty's them-selves). The figure for February 2020 is increased 50% compare with 2 accidents reported in February 2019. Of the 3 mine/ERW accidents, 1 (33%) were mine accidents and 2 (67%) were ERW accidents.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



- **Information about accident area for February 2020**



### 5- Casualty Summary for February 2020

In February 2020, **3 Mine/ERW casualties** were provisionally recorded. This figure for February 2020 is decreased 25% compare with 4 casualties reported in February 2019.

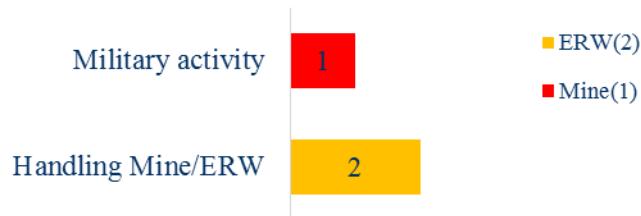
Of the 3 casualties:

- 1 (33%) was mine casualty, and 2 (67%) were ERW casualties.
- 2 (67%) people killed, and 1 (33%) people amputated.
- 2 (67%) casualties were men, and 1 (33%) casualty was a boy (age<18).

#### Activity at the time of accident

In February 2020, the activity caused people injured by Mine/ERW were Handling Mine/ERW accounted for 2 (67%), and Military activity accounted for 1 (33%).

Activity at the time of accident for February 2020

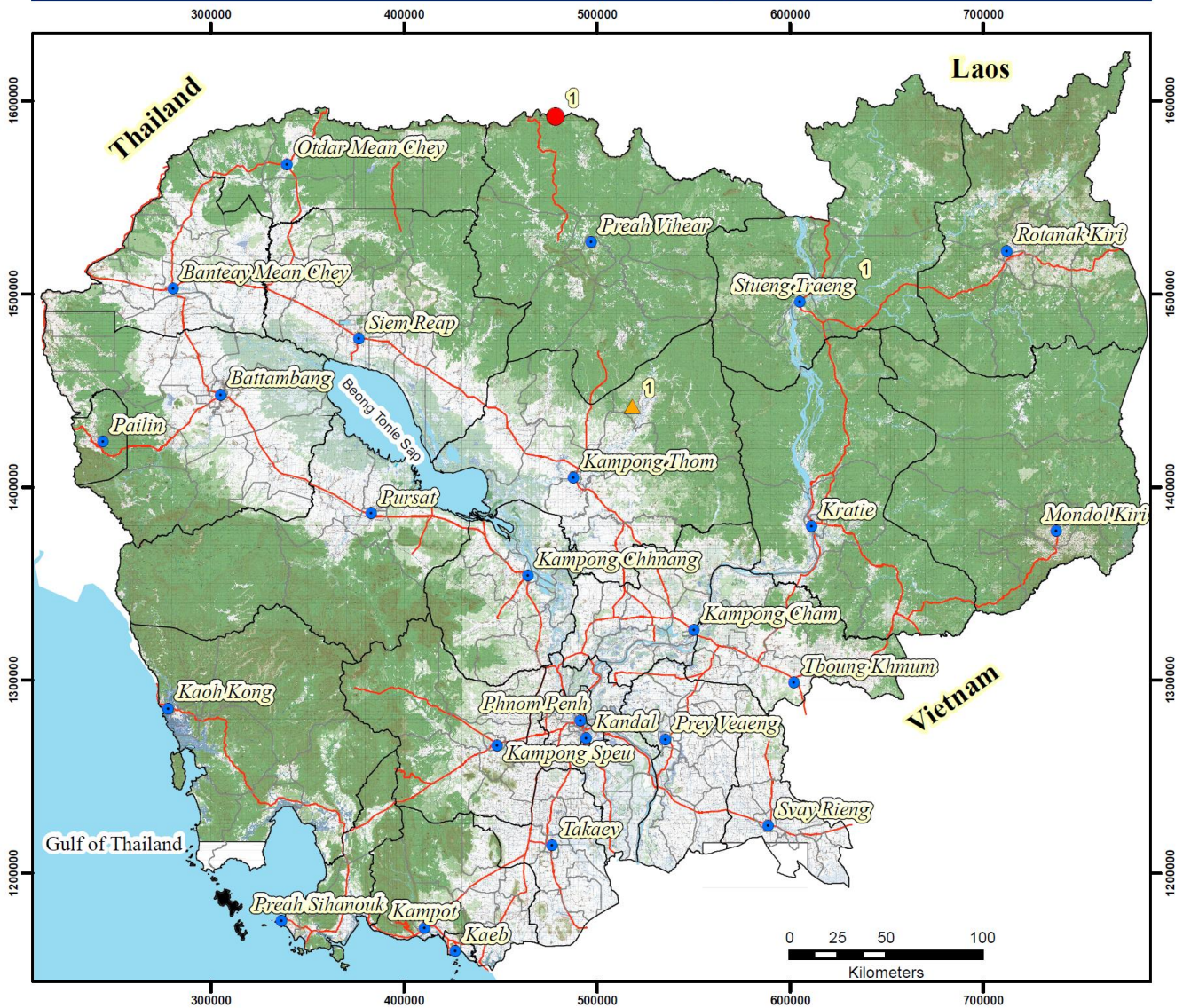


### 6- Impact of accident area for the period of January 2019 to February 2020 (83 casualties)

- 05 most affected provinces represent for **64%** of total casualties.
- 10 most affected districts represent for **65%** of total casualties.
- 10 most affected communes represent for **49%** of total casualties.

For detailed information, please see on page 7.

**CAMBODIA MINE VICTIM INFORMATION SYSTEM**  
**MINE/ERW Accident location in February 2020**  
**Accident: 03, Casualty: 03**



**Legend**

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



Produced by CMVIS, Mar 2020

**Further analysis** and detailed Mine/ERW 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](mailto:ketya@cmaa.gov.kh)

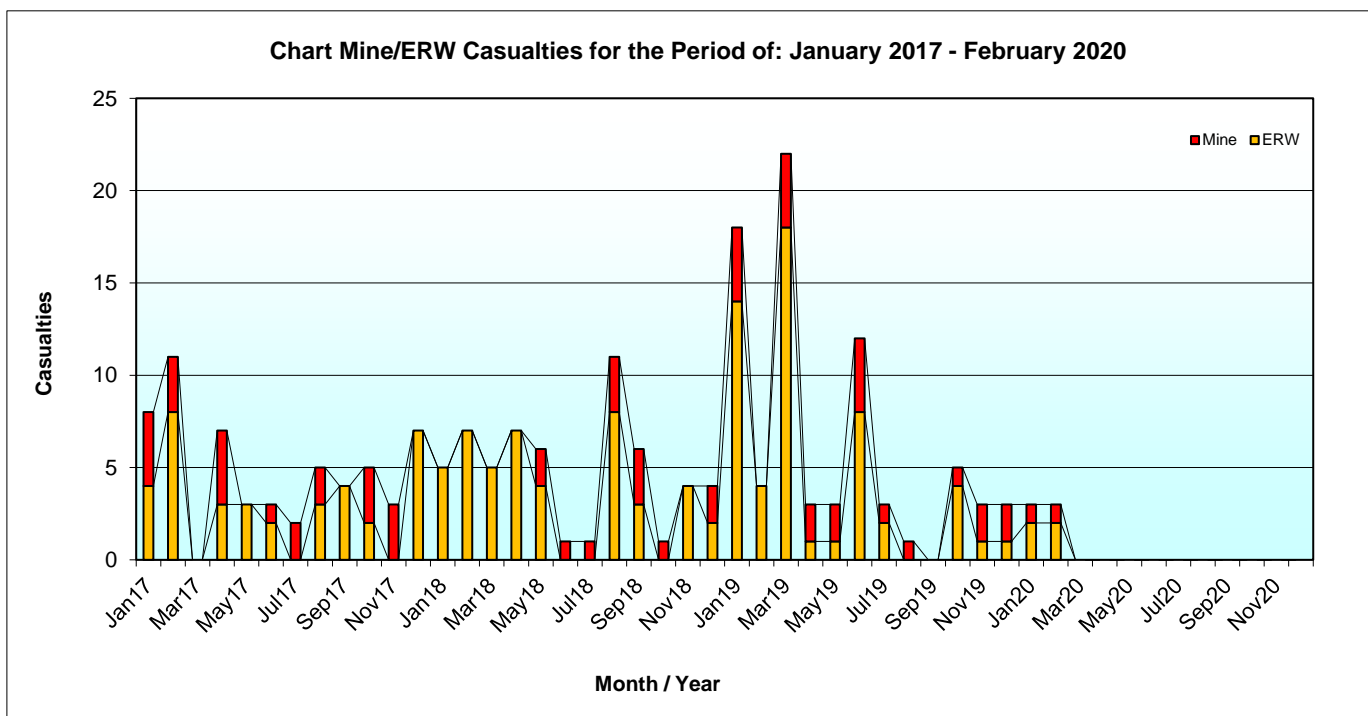
## Casualty Trend

### Report Mine/ERW Casualties for the Period of: January 2017 - February 2020

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
<b>2017</b>	<b>8</b>	<b>11</b>	<b>0</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>58</b>
<i>Running Total 2017</i>	8	19	19	26	29	32	34	39	43	48	51	58	
<b>2018</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>58</b>
<i>Running Total 2018</i>	5	12	17	24	30	31	32	43	49	50	54	58	
% change 2017 to 2018	-37.5	-36.8	-10.5	-7.7	3.4	-3.1	-5.9	10.3	14.0	4.2	5.9	0.0	
<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>
monthly change +/- from 2018	13	-3	17	-4	-3	11	2	-10	-6	4	-1	-1	
monthly change % from 2018	260	-43	340	-57	-50	1100	200	-91	-100	400	-25	-25	
<i>Running Total 2019</i>	<b>18</b>	<b>22</b>	<b>44</b>	<b>47</b>	<b>50</b>	<b>62</b>	<b>65</b>	<b>66</b>	<b>66</b>	<b>71</b>	<b>74</b>	<b>77</b>	
% change 2018 to 2019	260.0	83.3	158.8	95.8	66.7	100.0	103.1	53.5	34.7	42.0	37.0	32.8	
<b>2020</b>	<b>3</b>	<b>3</b>											<b>6</b>
monthly change +/- from 2019	-15	-1											
monthly change % from 2019	-83	-25											
<i>Running Total 2020</i>	<b>3</b>	<b>6</b>											
% change 2019 to 2020	-83.3	-72.7											

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

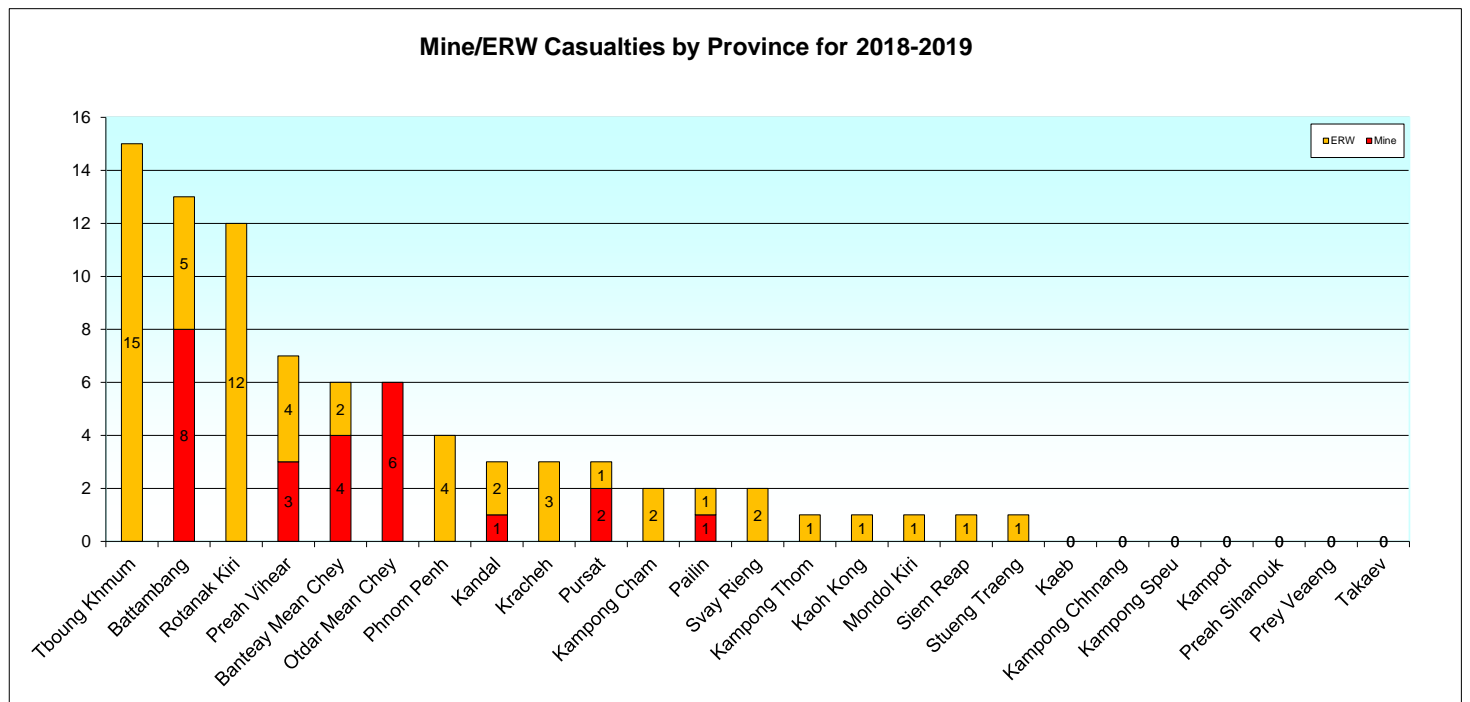
Chart Mine/ERW Casualties for the Period of: January 2017 - February 2020



## Monthly Mine/ERW Accident Casualties: Jan2019 - Feb2020

Provinces ranked by Total Mine/ERW Casualties for 2019 - 2020

Province	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total 2019			Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total 2020	Total 2019-2020	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.	No.	No.	No.				
Tboung Khmum	10	0	4	0	0	0	0	0	0	0	0	0	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	18.1	18	
Battambang	2	2	2	1	0	1	1	0	0	0	0	2	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	13	28	15.7	34	
Rotanak Kiri	1	2	8	0	0	0	0	0	0	0	0	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	40	14.5	48	
Preah Vihear	2	0	0	2	0	2	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0	0	0	0	0	0	1	7	47	8.4	57	
Banteay Mean Chey	2	0	2	0	1	0	0	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	53	7.2	64	
Otdar Mean Chey	0	0	3	0	0	1	1	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	59	7.2	71	
Phnom Penh	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	63	4.8	76	
Kracheh	1	0	1	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	66	3.6	80	
Kandal	0	0	0	0	1	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	69	3.6	83	
Pursat	0	0	1	0	0	0	0	1	0	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	72	3.6	87	
Svay Rieng	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	74	2.4	89	
Kampong Cham	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	76	2.4	92	
Pailin	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	78	2.4	94	
Stueng Traeng	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	0	1	1	79	1.2	95	
Mondol Kiri	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	80	1.2	96	
Siem Reap	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	81	1.2	98	
Kampong Thom	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	0	1	1	82	1.2	99	
Kaoh Kong	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	83	1.2	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	0	83	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	0	83	0	100	
Preah Sihanouk	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	83	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	0	83	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	83	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	83	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	0	83	0	100	
<b>TOTAL</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>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>83</b>				



## 5 Most Affected Provinces for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - Feb2020

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Tboung Khmum	0	15	15	15
2	Battambang	8	5	13	28
3	Rotanak Kiri	0	12	12	40
4	Preah Vihear	3	4	7	47
5	Banteay Mean Chey	4	2	6	53

## 10 Most Affected Districts for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - Feb2020

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Tboung Khmum	Tboung Khmum	0	12	12	12
2	Choam Khsant	Preah Vihear	3	4	7	19
3	Ou Ya Dav	Rotanak Kiri	0	6	6	25
4	Samlout	Battambang	5	1	6	31
5	Ta Veang	Rotanak Kiri	0	5	5	36
6	Trapeang Prasat	Otdar Mean Chey	5	0	5	41
7	Ruessei Kaev	Phnom Penh	0	4	4	45
8	Veal Veang	Pursat	2	1	3	48
9	Kamrieng	Battambang	0	3	3	51
10	Memot	Tboung Khmum	0	3	3	54

## 10 Most Affected Communes for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - Feb2020

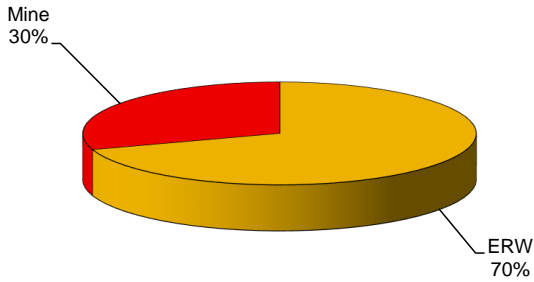
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Chirou Muoy	Tboung Khmum	Tboung Khmum	0	10	10	10
2	Ta Taok	Samlout	Battambang	5	1	6	16
3	Ta Veang Kraom	Ta Veang	Rotanak Kiri	0	5	5	21
4	Chrang Chamreh	Ruessei Kaev	Phnom Penh	0	4	4	25
5	Sror Aem	Choam Khsant	Preah Vihear	1	2	3	28
6	Ou Da	Kamrieng	Battambang	0	3	3	31
7	Choam Ksant	Choam Khsant	Preah Vihear	2	1	3	34
8	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	3	3	37
9	Pak Nhai	Ou Ya Dav	Rotanak Kiri	0	2	2	39
10	Ou Svay	Trapeang Prasat	Otdar Mean Chey	2	0	2	41

**OVERVIEW OF MINE/ERW ACCIDENTS**

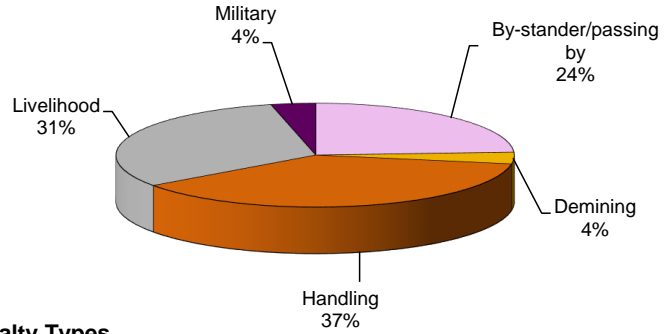
Jan2019 - Feb2020

Total Number of Casualties during Reporting Period: 83

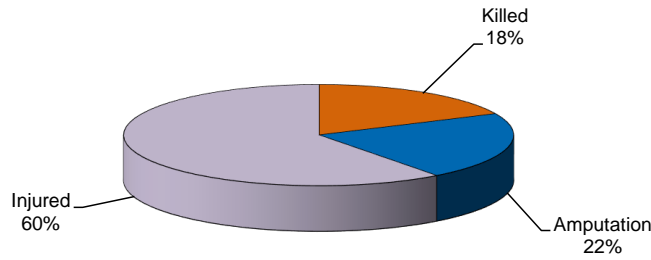
**Mine/ERW Distribution**



**Cause of Casualty**

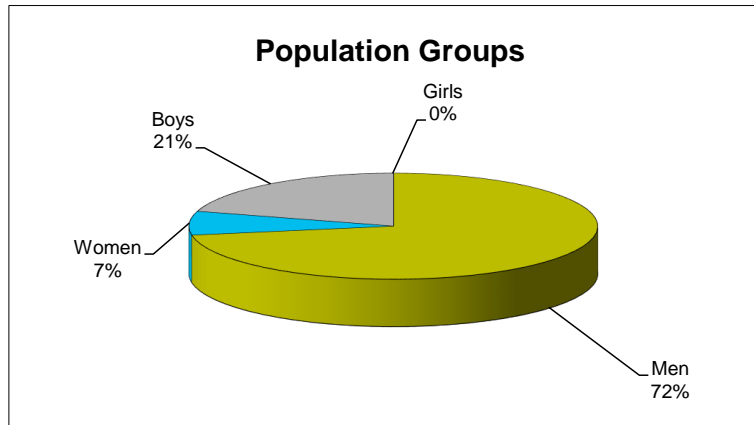


**Casualty Types**

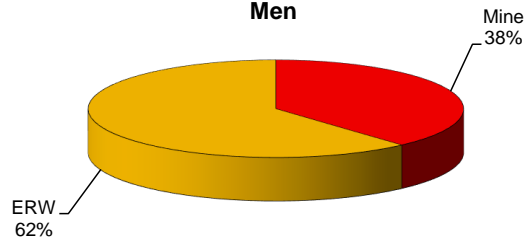


**MINE/ERW ACCIDENT OVERVIEW**

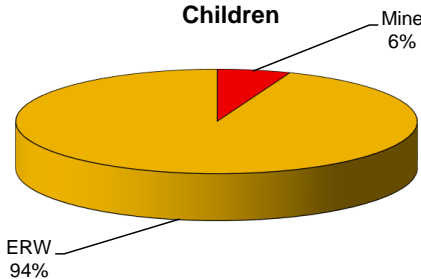
**Population Groups**



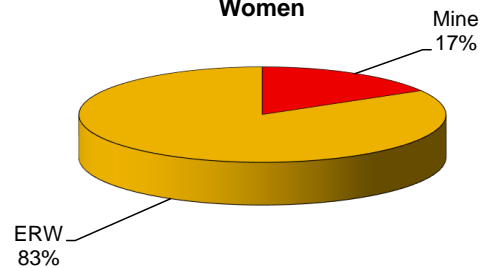
**Men**



**Children**



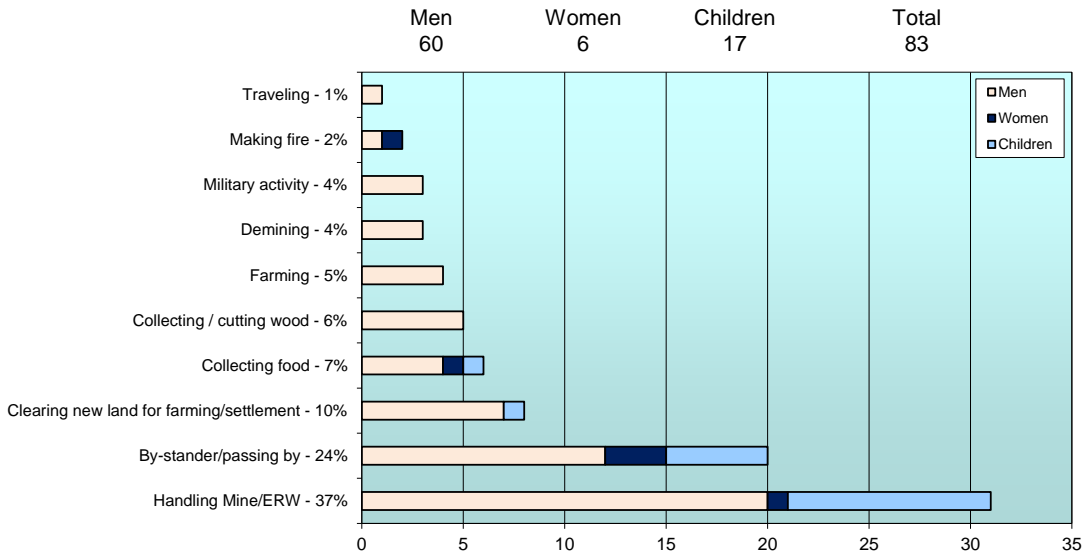
**Women**



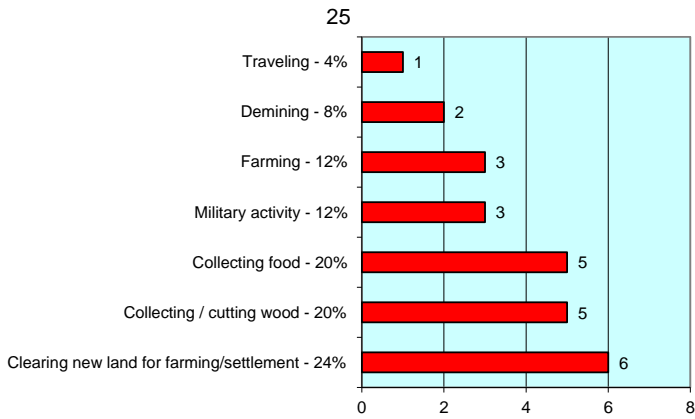
Jan2019 - Feb2020

Number of accidents during Reporting Period: **83**

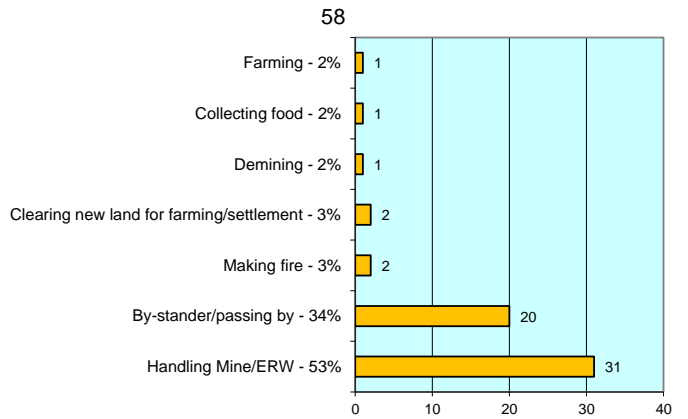
**Cause of Accident by Total Population Group**



**Activities - Mines**

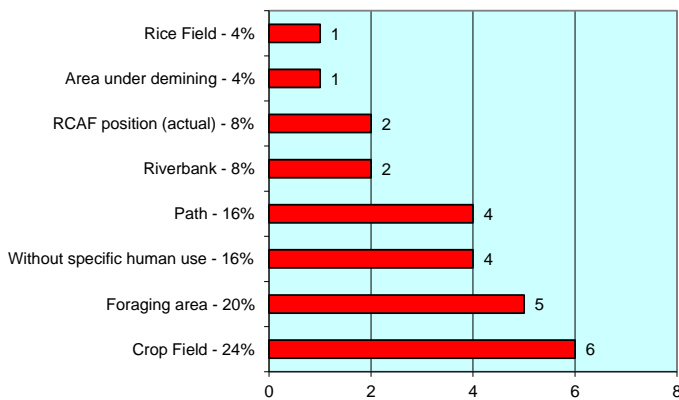


**Activities - ERW**



**Mine/ERW Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

