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C.M.A.A

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
FOR  
MARCH 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 January 1979 to March 2020

For the period of January 1979 to March 2020, a total of **64867** mine/ERW casualties were recorded by CMVIS data gatherers.

All of the 64867 casualties:

- 51103 (79%) were mine casualties and 13764 (21%) were ERW casualties.
- 19783 (31%) people killed, 36030 (55%) people injured and 9054 (14%) people amputated.
- 52557 (81%) casualties were men, 6070 (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 March 2020

From January to March 2020, **11 mine/ERW accidents** were provisionally recorded. This figure for January to March 2020 represents a decrease of 52% compared with 23 mine/ERW accidents reported in 2019. Of the 11 mine/ERW accidents, 5 (45%) were mine accidents and 6 (55%) were ERW accidents.

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

From January to March 2020, **12 mine/ERW casualties** were provisionally recorded. This figure represents a decrease of 73% compared with 44 mine/ERW casualties reported in 2019.

All of the 12 casualties:

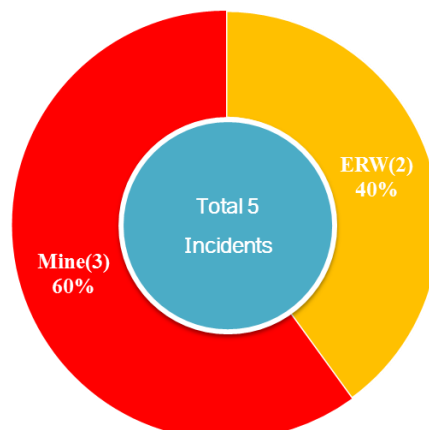
- 7 (58%) were ERW casualties, and 5 (42%) were mine casualties.
- 3 (25%) people killed, 4 (33%) people injured and 5 (42%) people amputated.
- 9 (75%) casualties were men, and 3 (25%) casualty were boys (age<18).

### 4- Accident Summary for March 2020

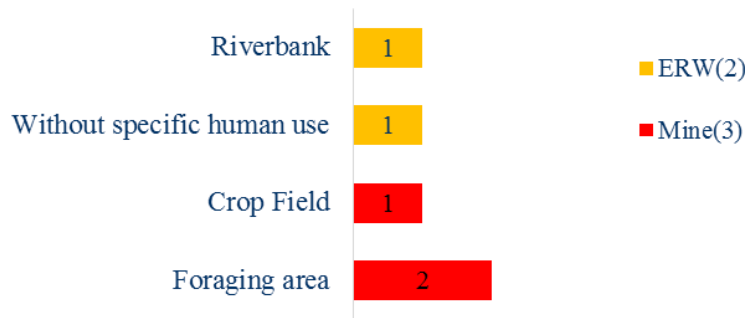
In March 2020, **5 Mine/ERW accidents** were provisionally recorded in Battambang, Kampong Thum, Kratie and Pursat provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine/ERW action agencies, relatives, families of casualties, or casualty's them-selves). The figure for March 2020 is decreased 62% compare with 13 accidents reported in March 2019. Of the 5 mine/ERW accidents, 3 (60%) were mine accidents and 2 (40%) were ERW accidents.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



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



### 5- Casualty Summary for March 2020

In March 2020, **6 Mine/ERW casualties** were provisionally recorded. This figure for March 2020 is decreased 73% compare with 22 casualties reported in March 2019.

Of the 6 casualties:

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

#### Activity at the time of accident

In March 2020, the activity caused people injured by Mine/ERW were Handling Mine/ERW accounted for 2 (33%), Collecting food accounted for 2 (33%), By-stander accounted for 1 (17%) and Clearing new land for agriculture accounted for 1 (17%).

Activity at the time of accident for March 2020

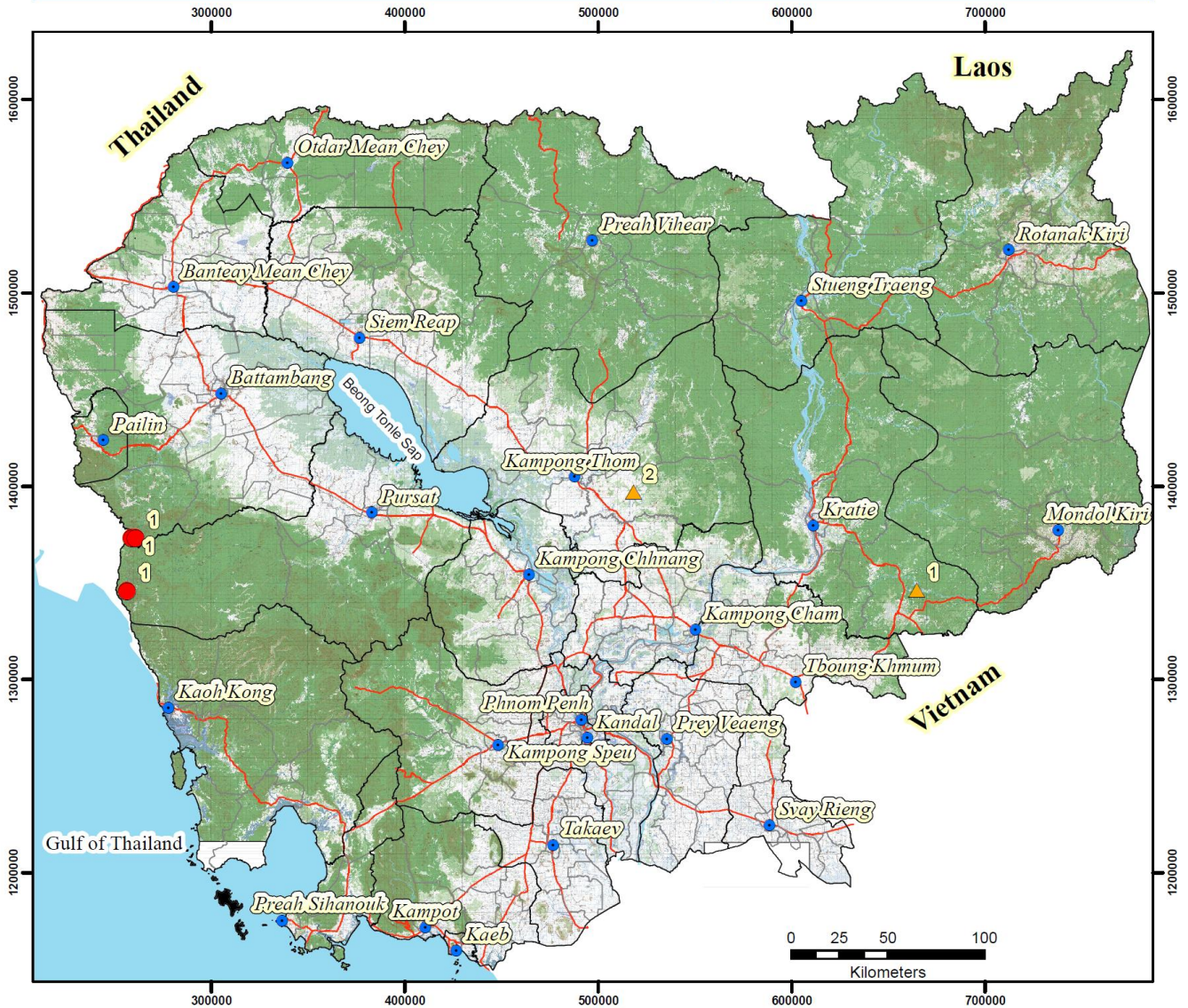


### 6- Impact of accident area for the period of January 2019 to March 2020 (89 casualties)

- 05 most affected provinces represent for **62%** of total casualties.
- 10 most affected districts represent for **64%** of total casualties.
- 10 most affected communes represent for **47%** of total casualties.

For detailed information, please see on page 7.

**CAMBODIA MINE VICTIM INFORMATION SYSTEM**  
**MINE/ERW Accident location in March 2020**  
**Accident: 05, Casualty: 06**



**Legend**

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



Produced by CMVIS, Apr 2020

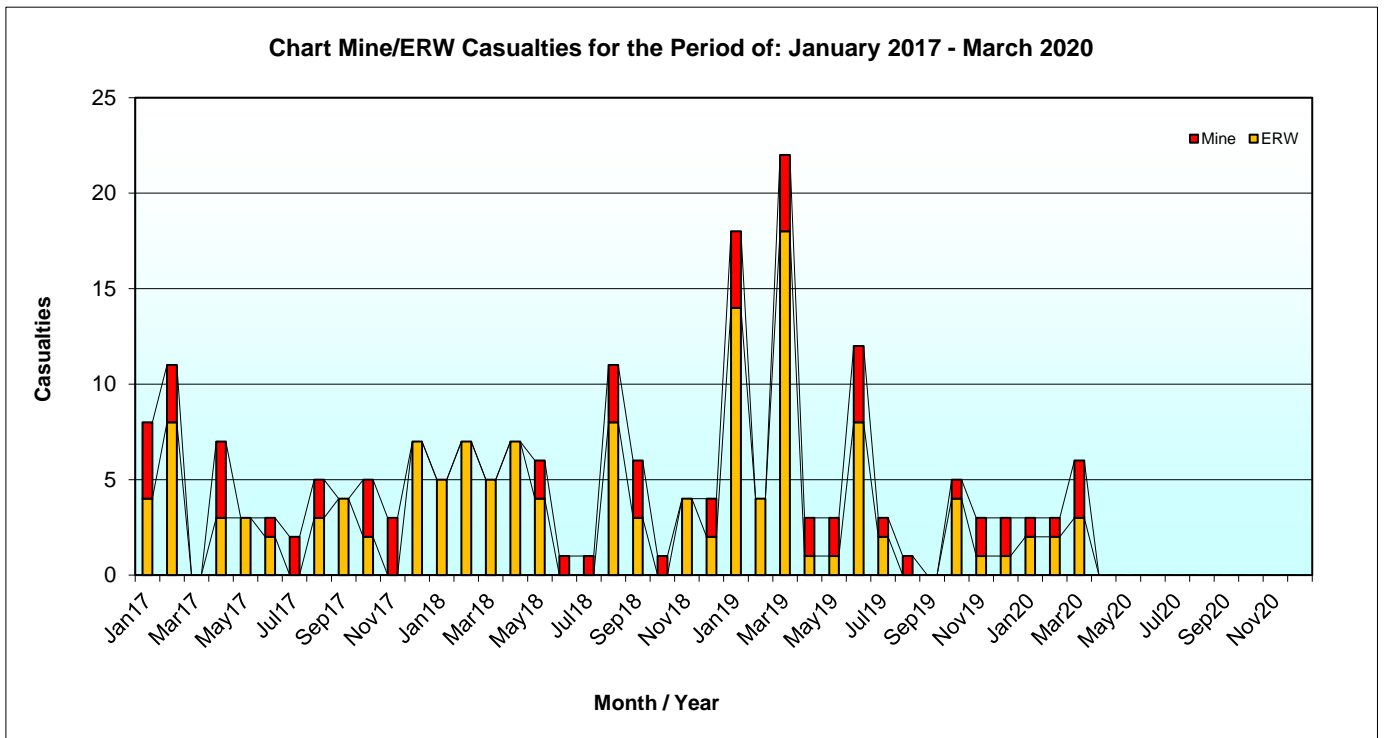
**Further analysis** and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: [ketya@cmaa.gov.kh](mailto:ketya@cmaa.gov.kh)

## Casualty Trend

### Report Mine/ERW Casualties for the Period of: January 2017 - March 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>										<b>12</b>
monthly change +/- from 2019	-15	-1	-16										
monthly change % from 2019	-83	-25	-73										
<i>Running Total 2020</i>	<b>3</b>	<b>6</b>	<b>12</b>										
% change 2019 to 2020	-83.3	-72.7	-72.7										

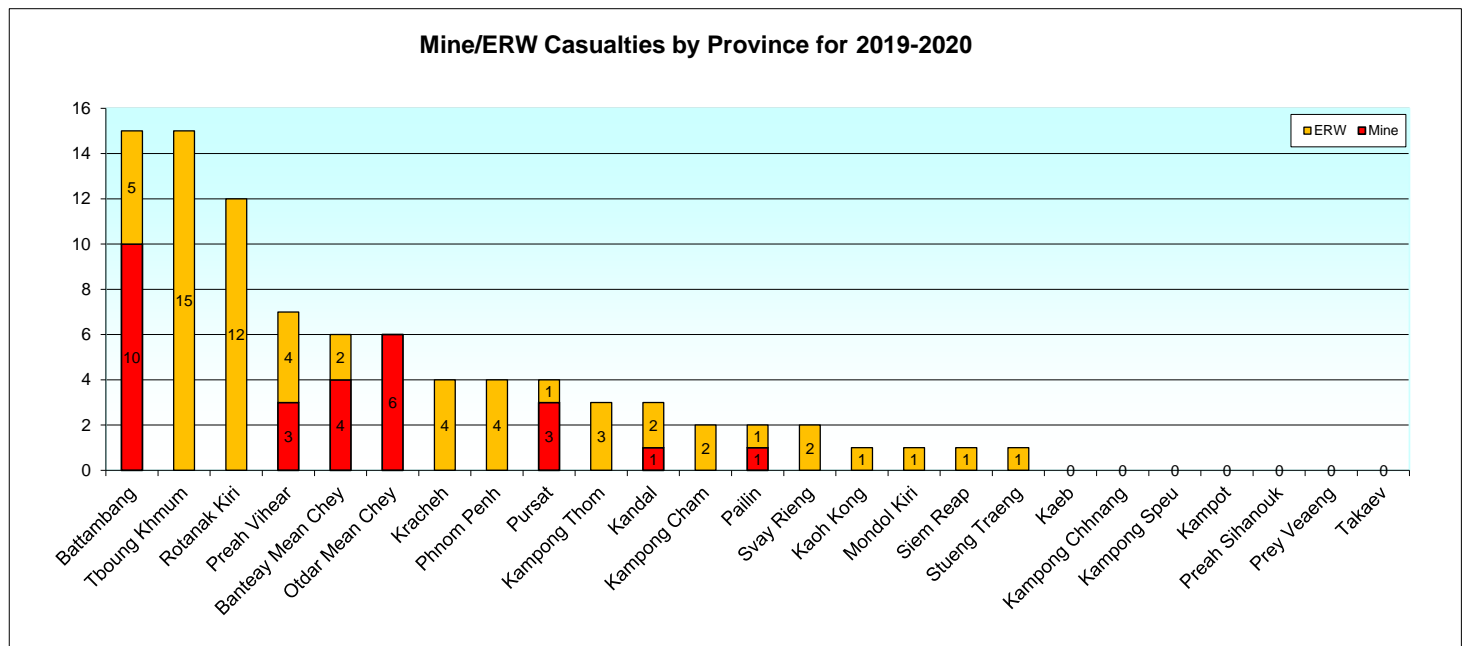
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



### Monthly Mine/ERW Accident Casualties: Jan2019 - Mar2020

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.					
Battambang	2	2	2	1	0	1	1	0	0	0	0	2	11	2	0	2	0	0	0	0	0	0	0	0	0	4	15	15	16.9	17
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	1	15	30	16.9	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	12	42	13.5	47
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	1	7	49	7.9	55
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	6	55	6.7	62
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	6	61	6.7	69
Kracheh	1	0	1	0	0	0	1	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	1	4	65	4.5	73
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	4	69	4.5	78
Pursat	0	0	1	0	0	0	0	1	0	1	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	1	4	73	4.5	82
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	3	76	3.4	85
Kampong Thom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3	3	79	3.4	89
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	2	81	2.2	91
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	2	83	2.2	93
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	2	85	2.2	96
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	1	86	1.1	97
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	1	87	1.1	98
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	1	88	1.1	99
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	1	1	89	1.1	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	89	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	89	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	89	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	89	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	89	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	89	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	89	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>6</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>12</b>	<b>89</b>			



## 5 Most Affected Provinces for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - Mar2020

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Battambang	10	5	15	15
2	Tboung Khmum	0	15	15	30
3	Rotanak Kiri	0	12	12	42
4	Preah Vihear	3	4	7	49
5	Banteay Mean Chey	4	2	6	55

## 10 Most Affected Districts for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - Mar2020

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Tboung Khmum	Tboung Khmum	0	12	12	12
2	Samlout	Battambang	7	1	8	20
3	Choam Khsant	Preah Vihear	3	4	7	27
4	Ou Ya Dav	Rotanak Kiri	0	6	6	33
5	Ta Veang	Rotanak Kiri	0	5	5	38
6	Trapeang Prasat	Otdar Mean Chey	5	0	5	43
7	Ruessei Kaev	Phnom Penh	0	4	4	47
8	Veal Veang	Pursat	3	1	4	51
9	Kamrieng	Battambang	0	3	3	54
10	Memot	Tboung Khmum	0	3	3	57

## 10 Most Affected Communes for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - Mar2020

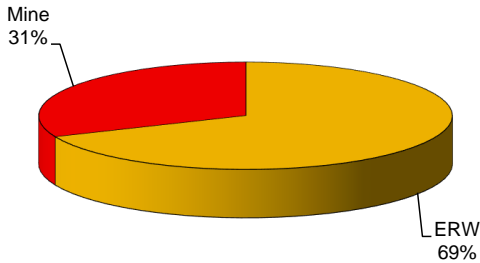
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Chirou Muoy	Tboung Khmum	Tboung Khmum	0	10	10	10
2	Ta Taok	Samlout	Battambang	5	1	6	16
3	Ta Veang Kraom	Ta Veang	Rotanak Kiri	0	5	5	21
4	Chrang Chamreh	Ruessei Kaev	Phnom Penh	0	4	4	25
5	Ou Da	Kamrieng	Battambang	0	3	3	28
6	Sror Aem	Choam Khsant	Preah Vihear	1	2	3	31
7	Thma Da	Veal Veang	Pursat	3	0	3	34
8	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	3	3	37
9	Choam Ksant	Choam Khsant	Preah Vihear	2	1	3	40
10	Pak Nhai	Ou Ya Dav	Rotanak Kiri	0	2	2	42

## OVERVIEW OF MINE/ERW ACCIDENTS

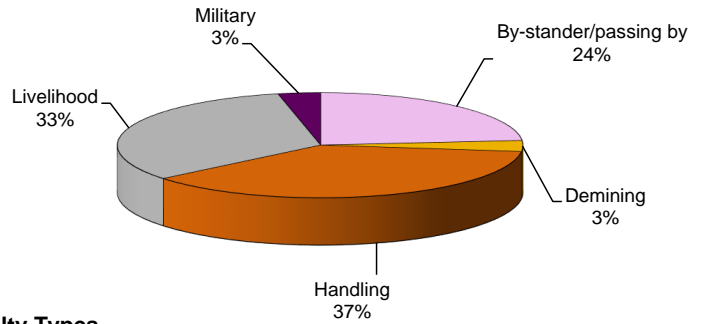
Jan2019 - Mar2020

Total Number of Casualties during Reporting Period: 89

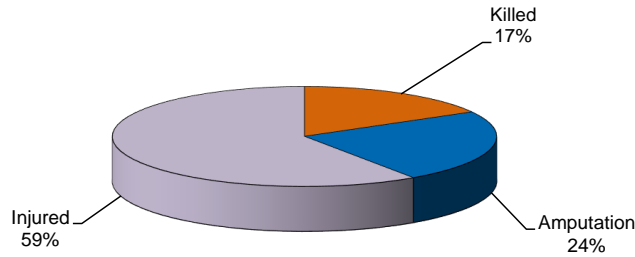
**Mine/ERW Distribution**



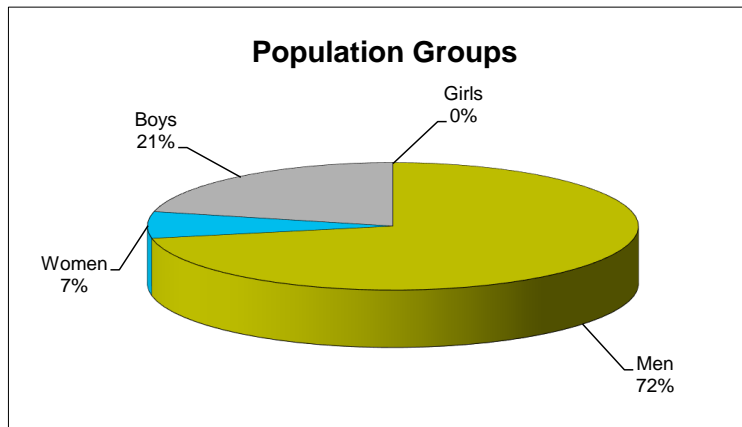
**Cause of Casualty**



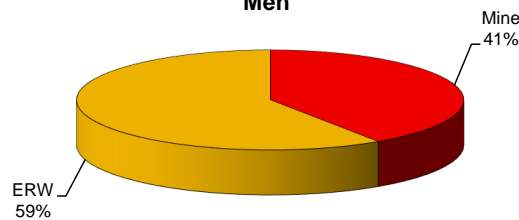
**Casualty Types**



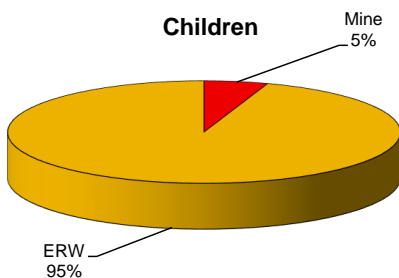
### MINE/ERW ACCIDENT OVERVIEW



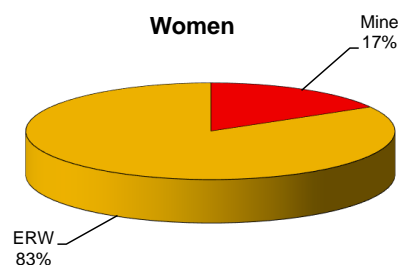
**Men**



**Children**



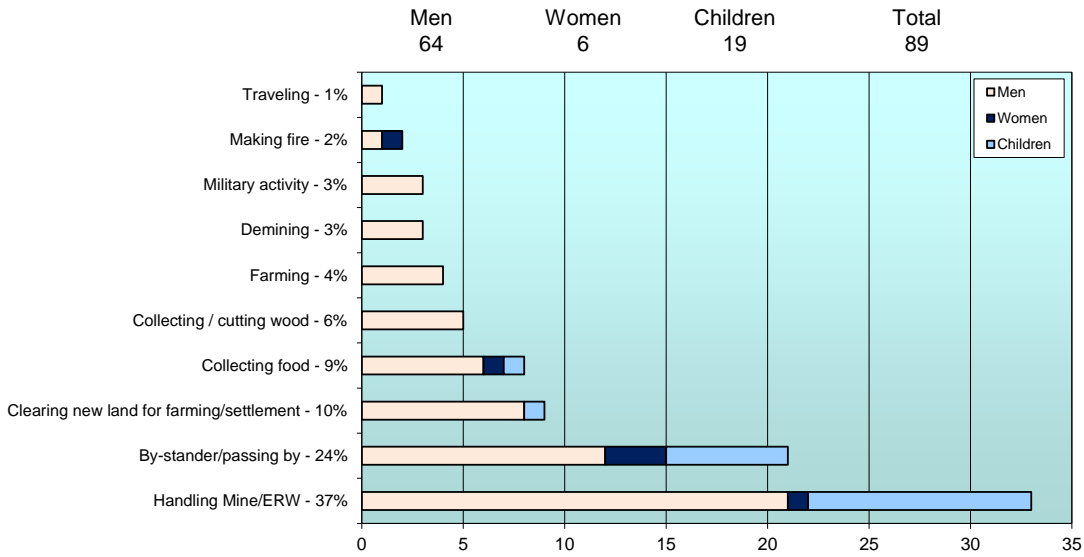
**Women**



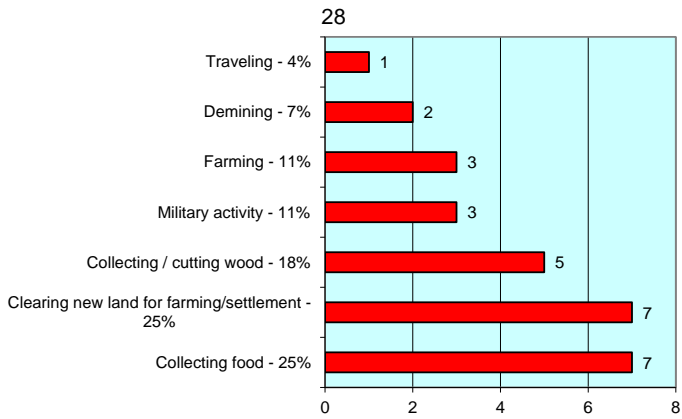
Jan2019 - Mar2020

Number of accidents during Reporting Period: **89**

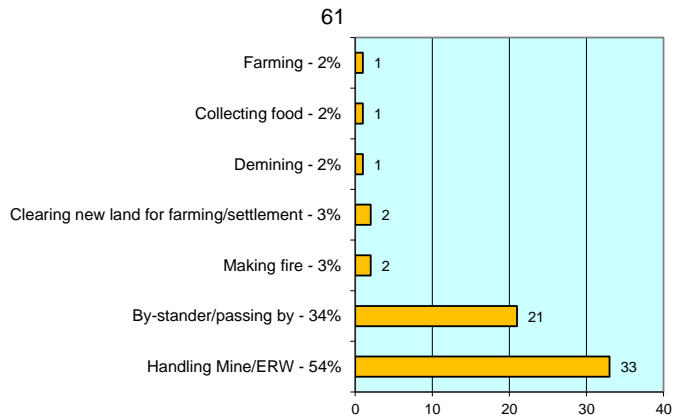
**Cause of Accident by Total Population Group**



**Activities - Mines**

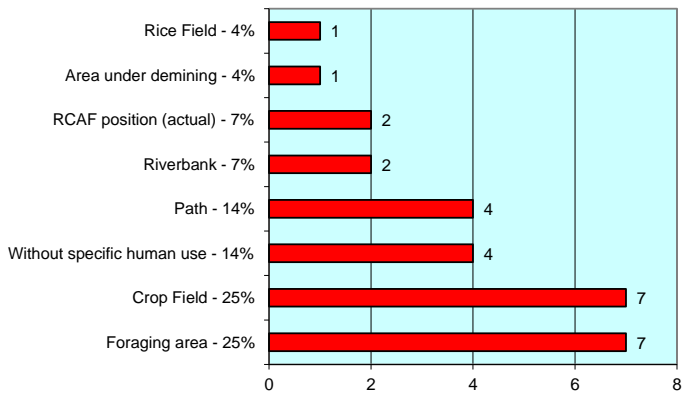


**Activities - ERW**



**Mine/ERW Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

