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C.M.A.A

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
FOR  
MAY 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 May 2020

For the period of January 1979 to May 2020, a total of **64887** mine/ERW casualties were recorded by CMVIS data gatherers.

All of the 64887 casualties:

- 51111 (79%) were mine casualties, and 13776 (21%) were ERW casualties.
- 19786 (31%) people killed, 36043 (55%) people injured, and 9058 (14%) people amputated.
- 52568 (81%) casualties were men, 6076 (9%) casualties were boys (age<18), 4789 (8%) casualties were women, 1391 (2%) casualties were girls (age<18), and 63 (0%) casualties were unknowns.

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

From January to May 2020, **26 mine/ERW accidents** were provisionally recorded. This figure for January to May 2020 represents a decrease of 13% compared with 30 mine/ERW accidents reported the same periods in 2019. Of the 26 mine/ERW accidents, 14 (54%) were mine accidents and 12 (46%) were ERW accidents.

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

From January to May 2020, **32 mine/ERW casualties** were provisionally recorded. This figure represents a decrease of 36% compared with 50 mine/ERW casualties reported from January to May 2019.

All of the 32 casualties:

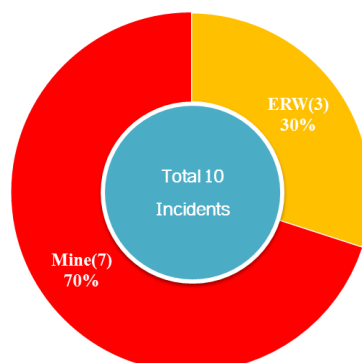
- 19 (59%) were ERW casualties, and 13 (41%) were mine casualties.
- 6 (19%) people killed, 17 (53%) people injured, and 9 (28%) people amputated.
- 20 (63%) casualties were men, 9 (28%) casualties were boys (age<18), 2 (6%) casualties were women, and 1 (3%) casualty was a girl (age<18).

### 4- Accident Summary for May 2020

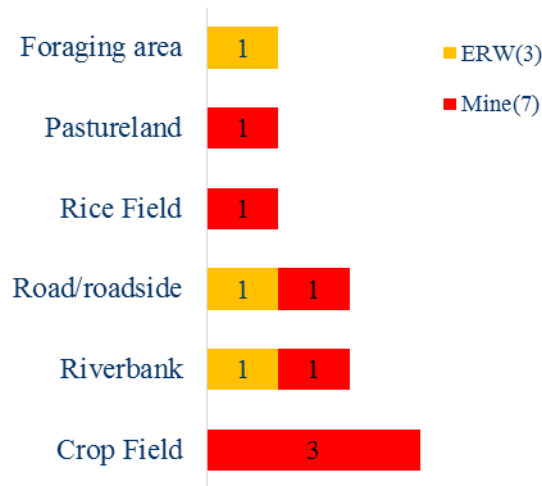
In May 2020, **10 Mine/ERW accidents** were provisionally recorded in Battambang, Pailin, Pursat, Otdar Mean Chey, Preah Vihear, Mondul Kiri, and Svay Rieng provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine/ERW action agencies, relatives, families of casualties, or casualty's them-selves). The figure for May 2020 is an increased 150% compare with 4 accidents reported in May 2019. Of the 10 mine/ERW accidents, 7 (70%) were mine accidents, and 3 (30%) were ERW accidents.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



• **Information about accident area for May 2020**



**5- Casualty Summary for May 2020**

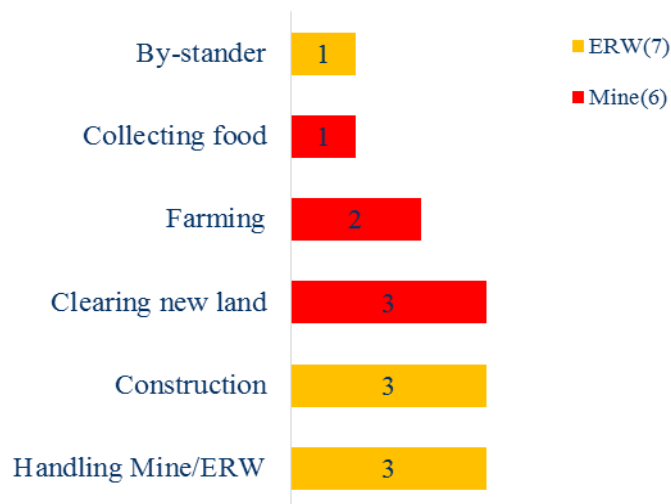
In May 2020, **13 Mine/ERW casualties** were provisionally recorded. This figure for May 2020 is an increased 333% compare with 3 casualties reported in May 2019.

Of the 13 casualties:

- 6 (46%) were mine casualties, and 7 (54%) were ERW casualties.
- 2 (15%) people killed, 8 (62%) people injured, and 3 (23%) people amputated.
- 9 (69%) casualties were men, 3 (23%) casualties were boys (age<18), and 1 (8%) casualty was a girl (age<18).

**Activity at the time of accident**

In May 2020, the activities caused people killed and injured by Mine/ERW were Handling Mine/ERW activity accounted for 3 (23%), Construction activity accounted for 3 (23%), Clearing new land accounted for 3 (23%), Farming activity accounted for 2 (15%), Collecting food activity accounted for 1 (8%), and By-stander activity accounted for 1 (8%).

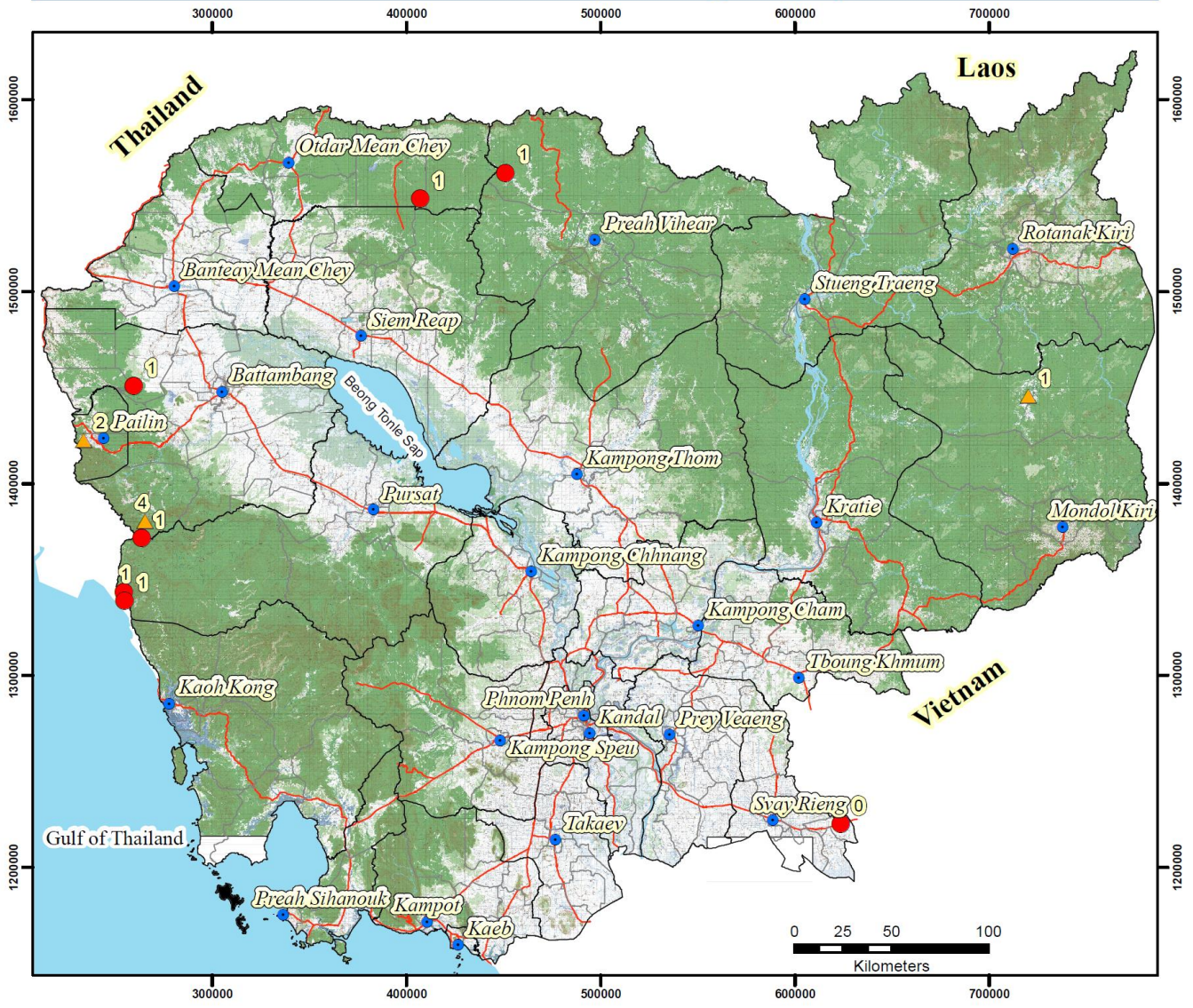


**6- Impact of accident area for the period of January 2019 to May 2020 (109 casualties)**

- 05 most affected provinces represent for **63%** of total casualties.
- 10 most affected districts represent for **63%** of total casualties.
- 10 most affected communes represent for **48%** of total casualties.

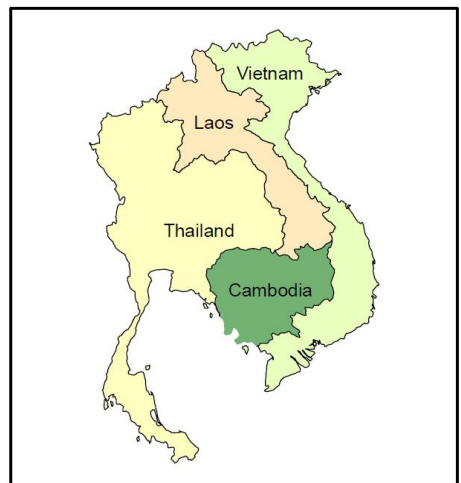
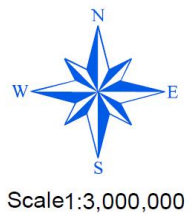
For detailed information, please see on page 7.

**CAMBODIA MINE VICTIM INFORMATION SYSTEM**  
**MINE/ERW Accident location in May 2020**  
**Accident: 10 cases, Casualty: 13 people**



**Legend**

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



Produced by CMVIS, Jun 2020

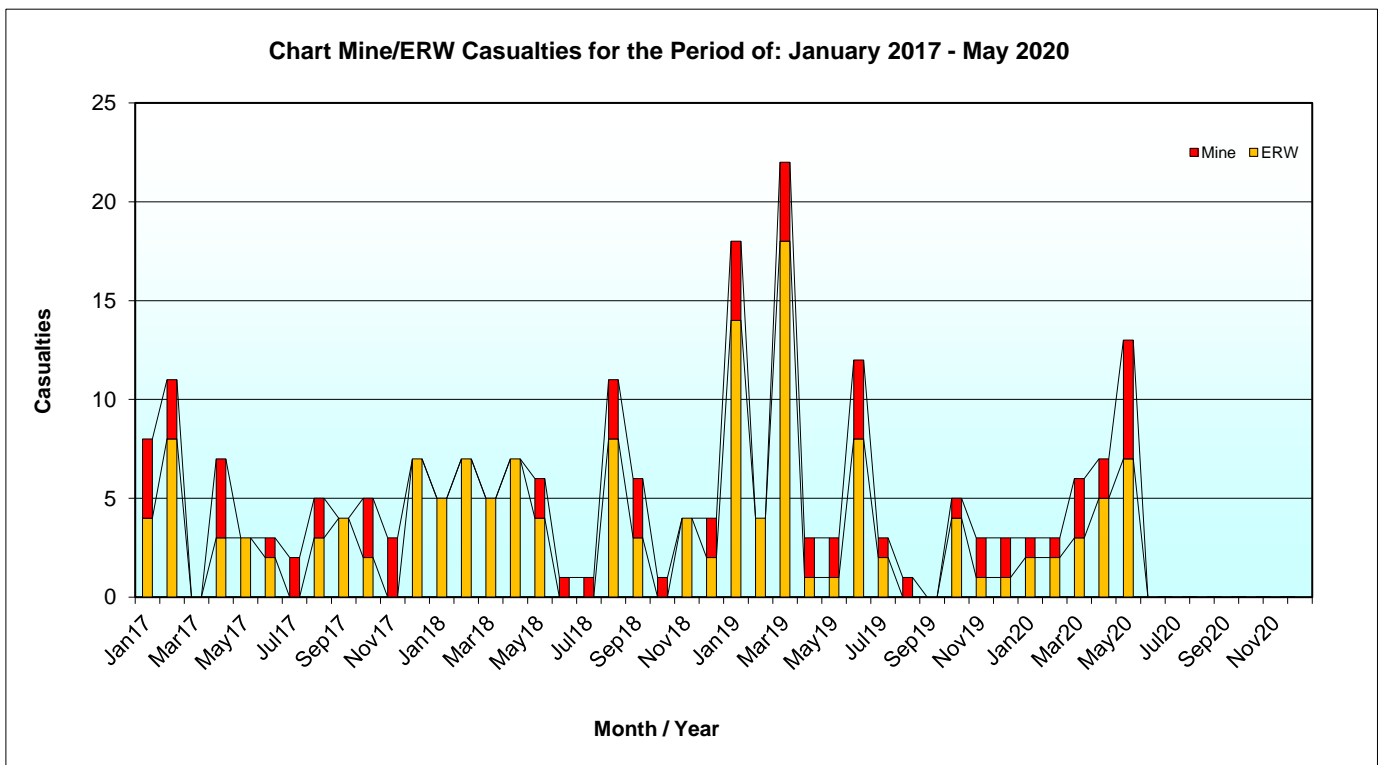
**Further analysis** and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: [ketya@cmaa.gov.kh](mailto:ketya@cmaa.gov.kh)

## Casualty Trend

### Report Mine/ERW Casualties for the Period of: January 2017 - May 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>7</b>	<b>13</b>								<b>32</b>
monthly change +/- from 2019	-15	-1	-16	4	10								
monthly change % from 2019	-83	-25	-73	133	333								
<i>Running Total 2020</i>	<b>3</b>	<b>6</b>	<b>12</b>	<b>19</b>	<b>32</b>								
% change 2019 to 2020	-83.3	-72.7	-72.7	-59.6	-36								

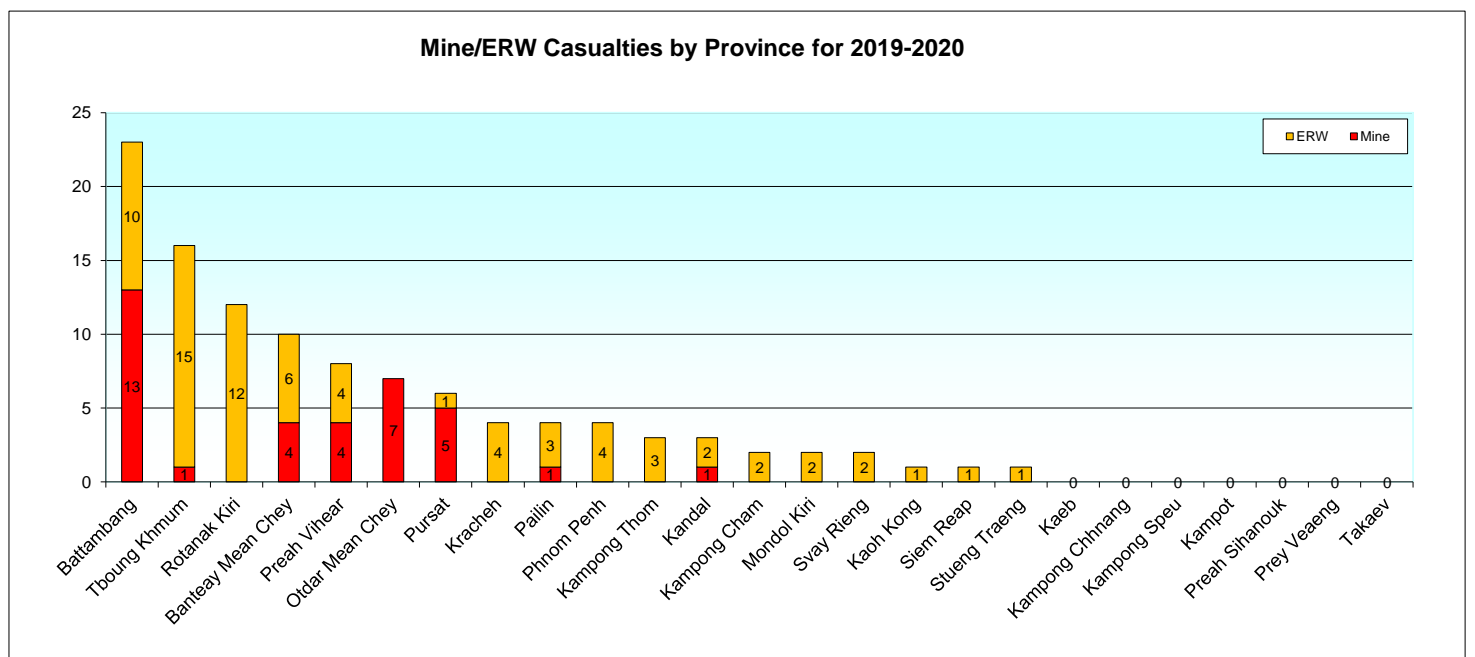
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



### Monthly Mine/ERW Accident Casualties: Jan2019 - May2020

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	2	6	0	0	0	0	0	0	12	23	23	21.1	21	
Tboung Khmum	10	0	4	0	0	0	0	0	0	0	0	0	14	1	0	0	1	0	0	0	0	0	0	0	2	16	39	14.7	36	
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	12	51	11	47	
Banteay Mean Chey	2	0	2	0	1	0	0	0	0	0	1	0	6	0	0	0	4	0	0	0	0	0	0	0	4	10	61	9.2	56	
Preah Vihear	2	0	0	2	0	2	0	0	0	0	0	0	6	0	1	0	0	1	0	0	0	0	0	0	2	8	69	7.3	63	
Otdar Mean Chey	0	0	3	0	0	1	1	0	0	0	1	0	6	0	0	0	0	1	0	0	0	0	0	0	1	7	76	6.4	70	
Pursat	0	0	1	0	0	0	0	1	0	1	0	0	3	0	0	1	0	2	0	0	0	0	0	0	3	6	82	5.5	75	
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	1	4	86	3.7	79	
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	4	90	3.7	83	
Pailin	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	2	4	94	3.7	86	
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	3	97	2.8	89	
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	3	3	100	2.8	92	
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	2	102	1.8	94	
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	2	104	1.8	95	
Mondol Kiri	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	2	106	1.8	97	
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	1	107	0.9	98	
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	1	108	0.9	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	1	1	109	0.9	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	109	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	109	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	109	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	109	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	109	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	109	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	109	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>7</b>	<b>13</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>109</b>				



## 5 Most Affected Provinces for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - May2020

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Battambang	13	10	23	23
2	Tboung Khmum	1	15	16	39
3	Rotanak Kiri	0	12	12	51
4	Banteay Mean Chey	4	6	10	61
5	Preah Vihear	4	4	8	69

## 10 Most Affected Districts for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - May2020

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Samlout	Battambang	9	6	15	15
2	Tboung Khmum	Tboung Khmum	0	12	12	27
3	Choam Khsant	Preah Vihear	4	4	8	35
4	Veal Veang	Pursat	5	1	6	41
5	Ou Ya Dav	Rotanak Kiri	0	6	6	47
6	Ou Chrov	Banteay Mean Chey	1	4	5	52
7	Ta Veang	Rotanak Kiri	0	5	5	57
8	Trapeang Prasat	Otdar Mean Chey	5	0	5	62
9	Ruessei Kaev	Phnom Penh	0	4	4	66
10	Kamrieng	Battambang	0	3	3	69

## 10 Most Affected Communes for Mine / ERW Casualties

### Ranked by Total Casualties

Jan2019 - May2020

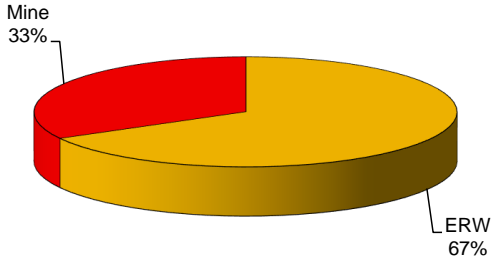
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Ta Taok	Samlout	Battambang	6	5	11	11
2	Chirou Muoy	Tboung Khmum	Tboung Khmum	0	10	10	21
3	Thma Da	Veal Veang	Pursat	5	0	5	26
4	Ta Veang Kraom	Ta Veang	Rotanak Kiri	0	5	5	31
5	Chrang Chamreh Pir	Ruessei Kaev	Phnom Penh	0	4	4	35
6	Soengh	Ou Chrov	Banteay Mean Chey	0	4	4	39
7	Samlout	Samlout	Battambang	3	1	4	43
8	Ou Da	Kamrieng	Battambang	0	3	3	46
9	Sror Aem	Choam Khsant	Preah Vihear	1	2	3	49
10	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	3	3	52

## OVERVIEW OF MINE/ERW ACCIDENTS

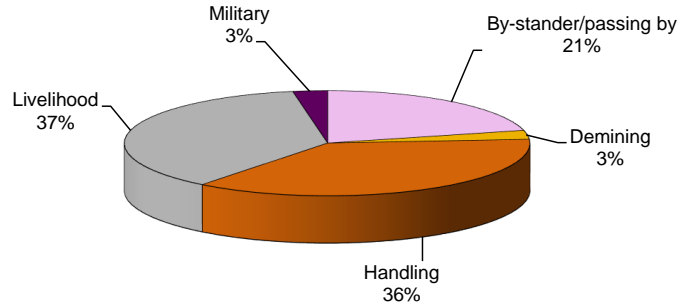
Jan2019 - May2020

Total Number of Casualties during Reporting Period: 109

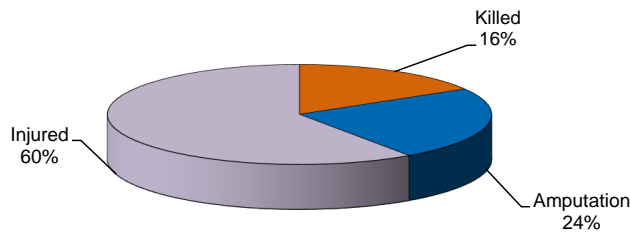
**Mine/ERW Distribution**



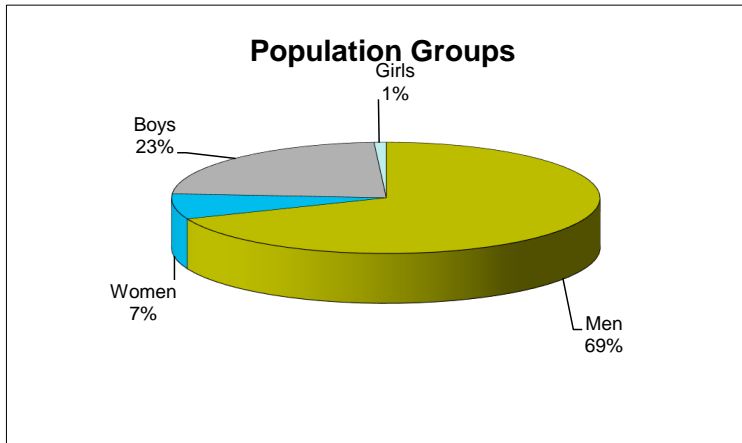
**Cause of Casualty**



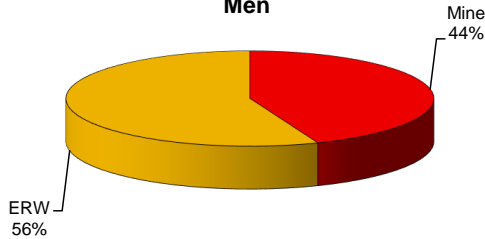
**Casualty Types**



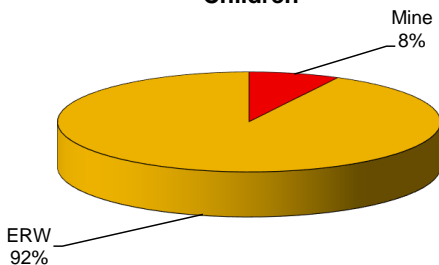
### MINE/ERW ACCIDENT OVERVIEW



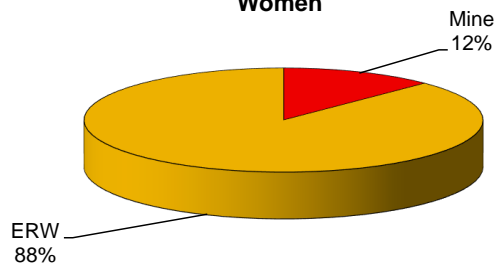
**Men**



**Children**



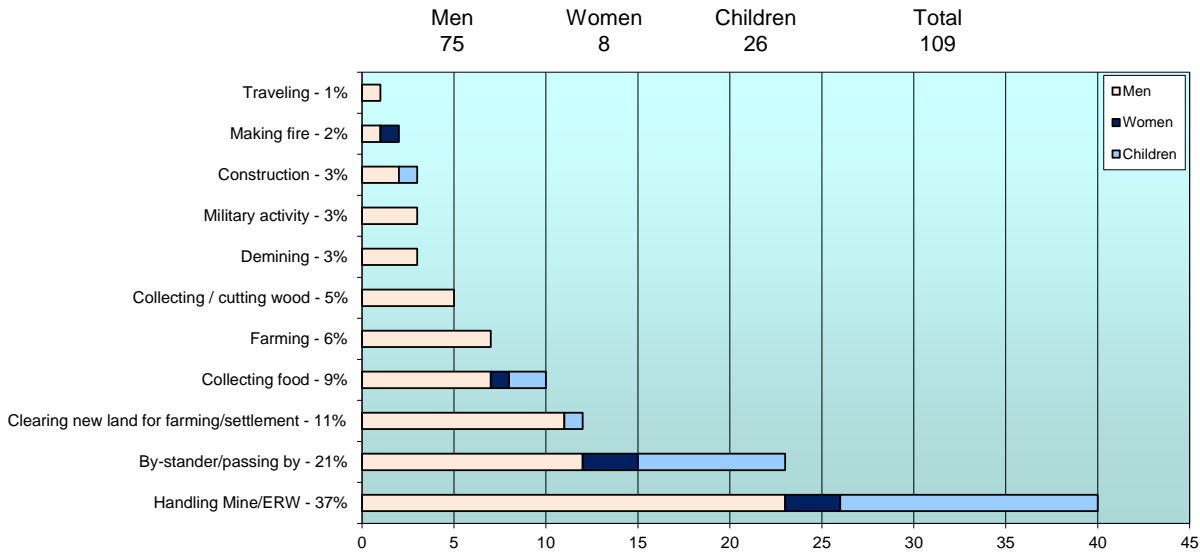
**Women**



Jan2019 - May2020

Number of accidents during Reporting Period: **109**

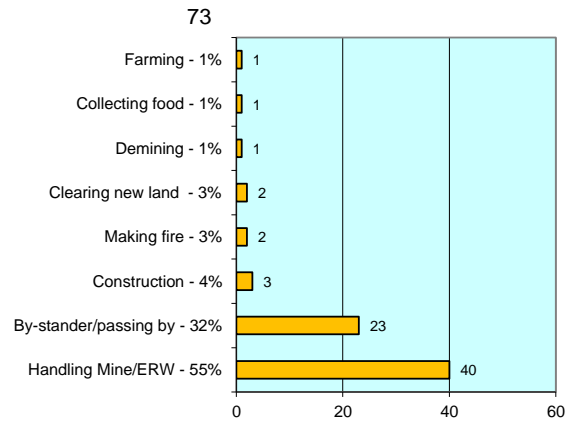
**Cause of Accident by Total Population Group**



**Activities - Mines**

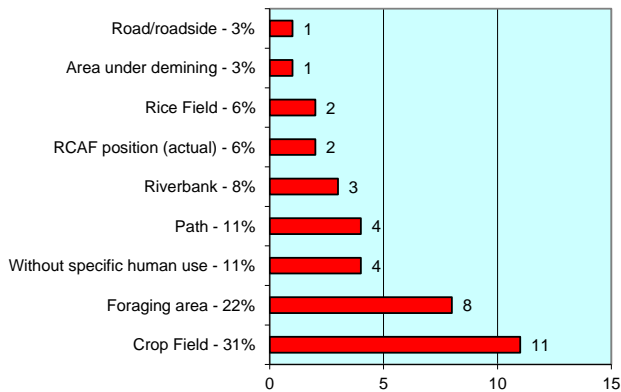


**Activities - ERW**



**Mine/ERW Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

