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C.M.A.A

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
FOR  
MAY 2018**

## 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 1979 to May 2018

For the period of 1979 to May 2018, a total of **64750** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64750 casualties:

- 51064 (79%) were mine casualties and 13686 (21%) were ERW casualties.
- 19765 (31%) people killed, 35958 (55%) people injured and 9027 (14%) people amputated.
- 52476 (81%) casualties were men, 6043 (9%) casualties were boys (age<18), 4778 (8%) casualties were women, 1390 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

### 2- Accident Summary for January to May 2018

From January to May 2018, **20 mine/ERW accidents** were provisionally recorded. This figure for January to May 2018 represents a similar with 20 mine/ERW accidents reported from January to May 2017. Of the 20 mine/ERW accidents, 5 (25%) were mine accidents and 15 (75%) were ERW accidents.

### 3- Casualty Summary for January to May 2018

From January to May 2018, **30 mine/ERW casualties** were provisionally recorded. This figure for January to May 2018 represents an increase of **3%** compared with 29 casualties reported from January to May 2017. All of the 30 casualties:

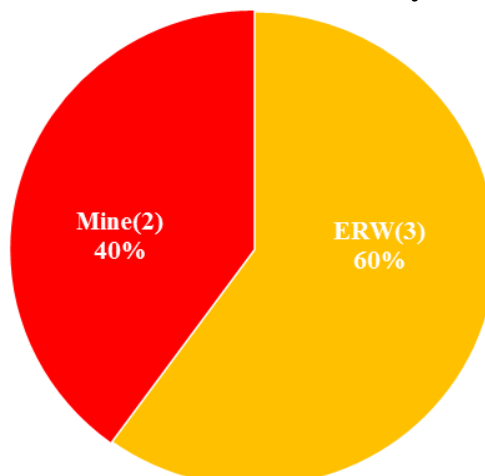
- 28 (93%) were ERW casualties, and 2 (7%) were mine casualties.
- 7 (23%) people killed, 17 (57%) people injured and 6 (2%) people amputated.
- 19 (63%) casualties were men, 6 (20%) casualties were boys (age<18), 3 (10%) casualties were women, and 2 (7%) casualties were girls.

### 4- Accident Summary for May 2018

In May 2018, **5 Mine/ERW accidents** were provisionally recorded in the provinces of Banteay Mean Chey, Siem Reap, Preah Vihear and Phnom Penh municipality (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, mine/ERW action agencies, relatives, families of casualties, or casualties themselves). This figure for May 2018 is increased 100% compare with 2 accident reported in May 2017.

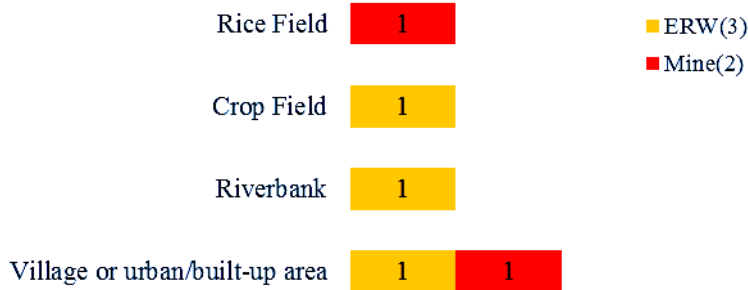
- **Type of explosive ordnance**

**Number of accidents caused by ERW**



- **Information about accident area**
  - 2 accidents occurred in Village or urban/built-up area
  - 1 accident occurred in Riverbank area
  - 1 accident occurred in Crop Field area
  - 1 accident occurred in Rice Field area

Information on the accident area for May 2018



### 5- Casualty Summary for May 2018

In May 2018, **6 mine/ERW casualties** were provisionally recorded. This figure for May 2018 is increased 100% compare with 3 casualties reported in May 2017. All of the 6 casualties:

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

#### Activity at the time of accident

The activities caused people killed or injured by mine/ERW as follow:

- Handling Mine/ERW (4 casualties)
- Clearing new land activity (2 casualties)

Activity at the time of accident for May 2018

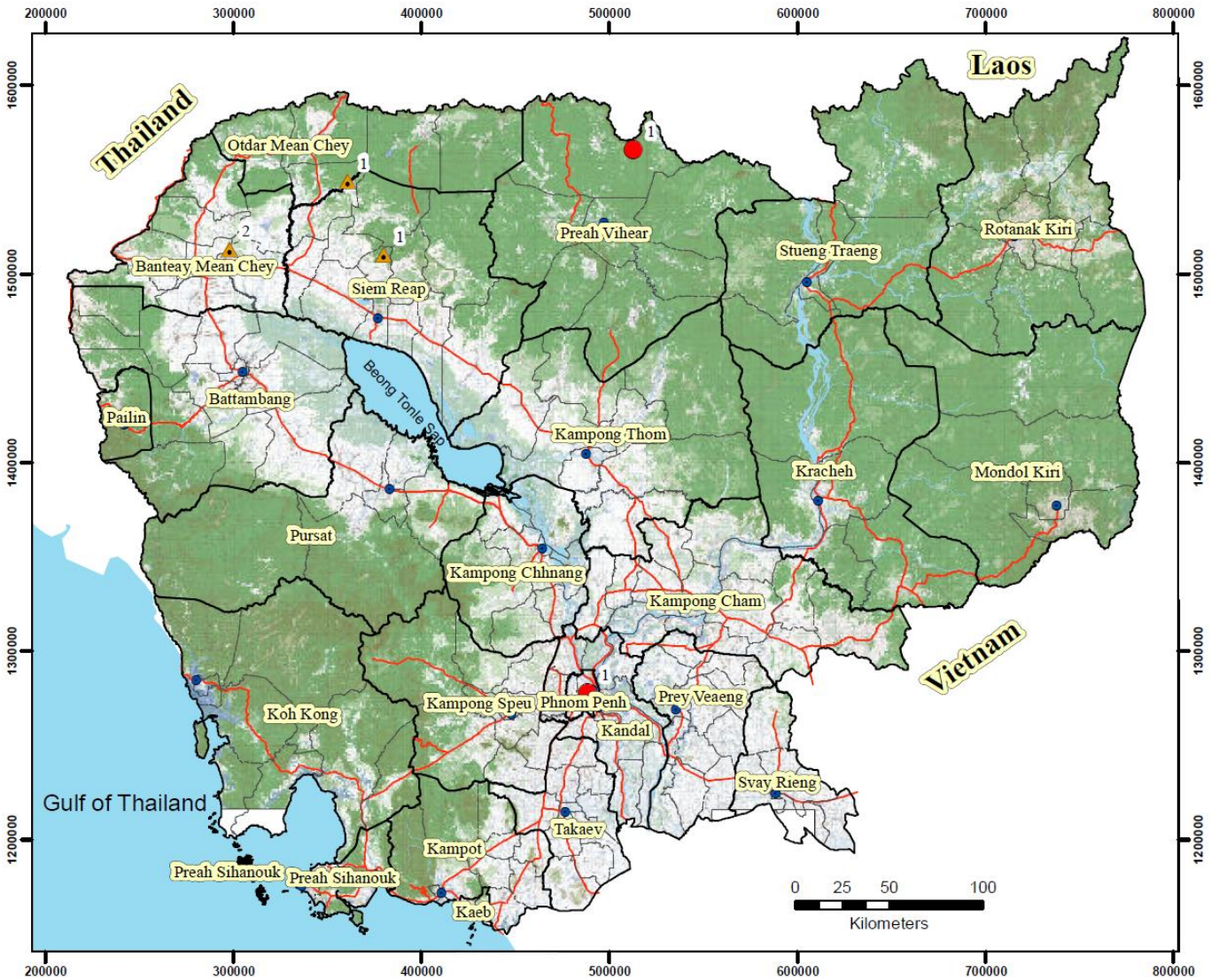


### 6- Impact of accident area for the period of January 2017 to May 2018 (88 casualties)

- 05 most affected provinces represent for **57%** of total casualties.
- 10 most affected districts represent for **55%** of total casualties.
- 10 most affected communes represent for **43%** of total casualties.

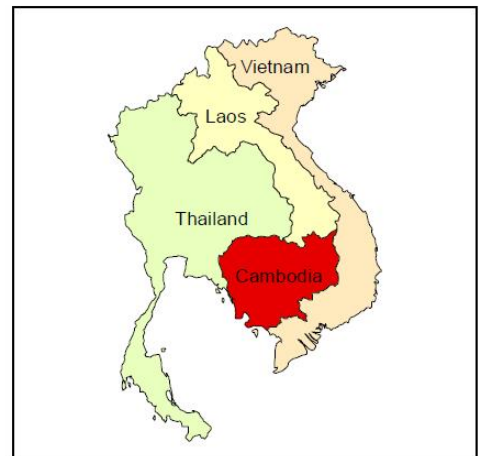
For detailed information, please see on page 7.

**CAMBODIA MINE VICTIM INFORMATION SYSTEM**  
**MINE/ERW Accident location in May 2018**  
**Accidents: 05, Casualties 06**



**Legend**

- ERW accident
- Mine accident
- Provincial Center
- Provincial Boundary
- District Boundary
- Water surface
- National Road



Produced by CMVIS, June 2018

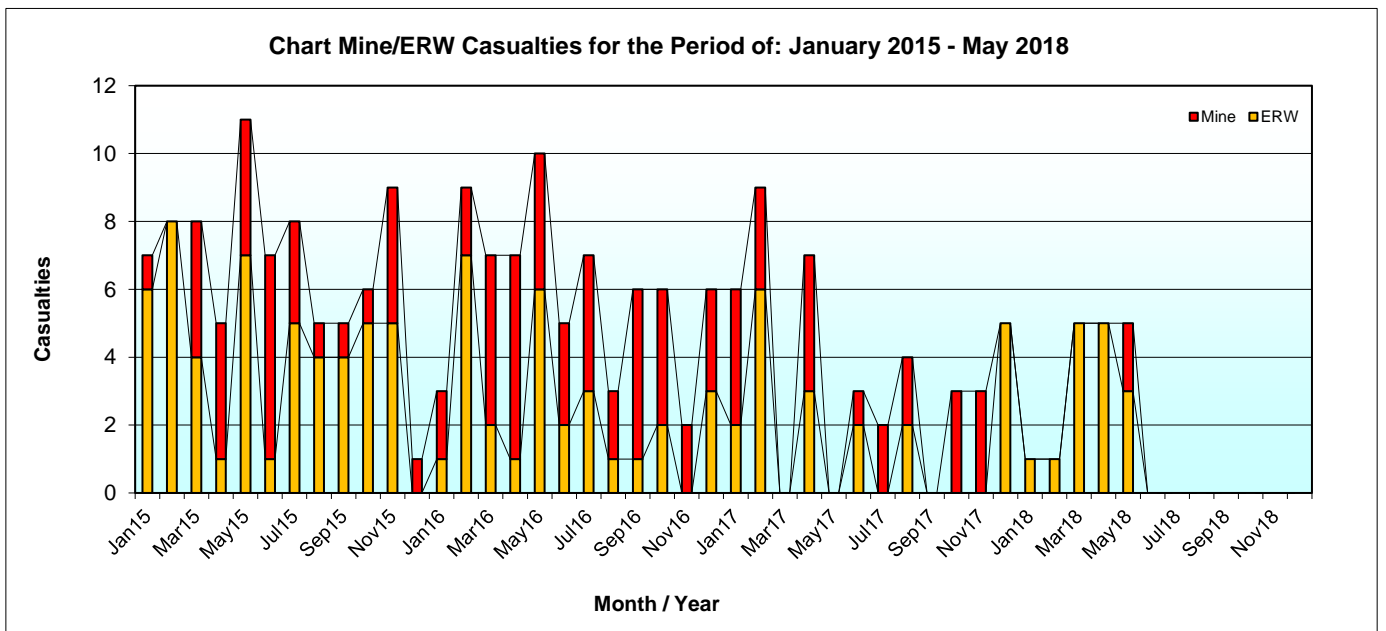
**Further analysis** and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: [ketya@cmaa.gov.kh](mailto:ketya@cmaa.gov.kh)

## Casualty Trend

### Report Mine/ERW Casualties for the Period of: January 2015 - May 2018

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
<b>2015</b>	<b>13</b>	<b>16</b>	<b>11</b>	<b>5</b>	<b>12</b>	<b>10</b>	<b>8</b>	<b>5</b>	<b>5</b>	<b>8</b>	<b>16</b>	<b>2</b>	<b>111</b>
<i>Running Total 2015</i>	13	29	40	45	57	67	75	80	85	93	109	111	
<b>2016</b>	<b>8</b>	<b>10</b>	<b>7</b>	<b>8</b>	<b>11</b>	<b>7</b>	<b>8</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>83</b>
<i>Running Total 2016</i>	8	18	25	33	44	51	59	63	69	75	77	83	
% change 2015 to 2016	-38.5	-37.9	-37.5	-26.7	-22.8	-23.9	-21.3	-21.2	-18.8	-19.4	-29.4	-25.2	
<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>
monthly change +/- from 2016	0	1	-7	-1	-8	-4	-6	1	-2	-1	1	1	
monthly change % from 2016	0	10	-100	-13	-73	-57	-75	25	-33	-17	50	17	
<i>Running Total 2017</i>	<b>8</b>	<b>19</b>	<b>19</b>	<b>26</b>	<b>29</b>	<b>32</b>	<b>34</b>	<b>39</b>	<b>43</b>	<b>48</b>	<b>51</b>	<b>58</b>	
% change 2016 to 2017	0.0	5.6	-24.0	-21.2	-34.1	-37.3	-42.4	-38.1	-37.7	-36.0	-33.8	-30.1	
<b>2018</b>	<b>5</b>	<b>7</b>	<b>5</b>	<b>7</b>	<b>6</b>								<b>30</b>
monthly change +/- from 2017	-3	-4	5	0	3								
monthly change % from 2017	-38	-36	100	0	100								
<i>Running Total 2018</i>	<b>5</b>	<b>12</b>	<b>17</b>	<b>24</b>	<b>30</b>								
% change 2017 to 2018	-37.5	-36.8	-10.5	-7.7	3.4								

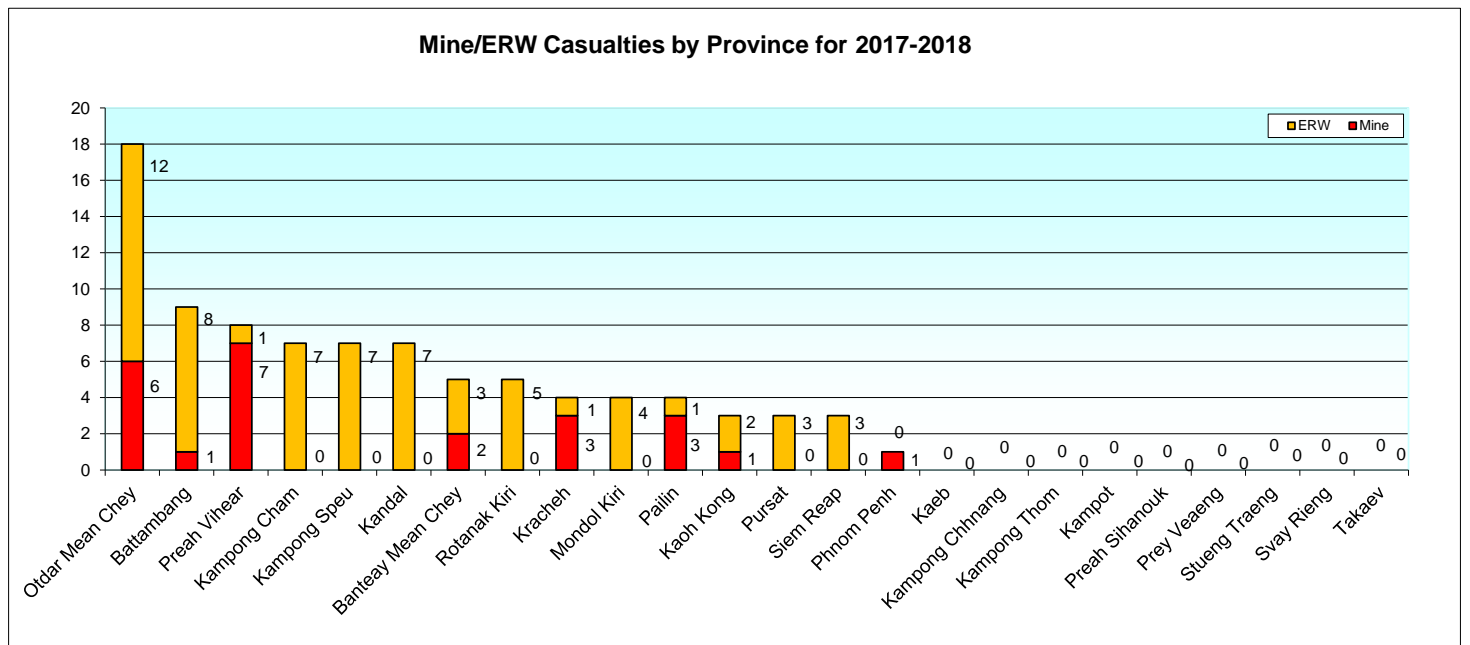
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



## Monthly Mine/ERW Accident Casualties: Jan2017 - May2018

Provinces ranked by Total Mine/ERW Casualties for 2017 - 2018

Province	2017-2018																								Total	Cum. Total	% of Total	Cum. %		
	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Total 2017	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18					Dec-18	Total 2018
Otdar Mean Chey	2	6	0	0	1	1	0	1	0	3	0	4	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	20.5	20
Battambang	0	0	0	0	0	1	1	0	0	0	0	2	4	1	0	0	4	0	0	0	0	0	0	0	0	5	9	27	10.2	31
Preah Vihear	0	1	0	4	0	0	1	1	0	0	0	0	7	0	0	0	0	1	0	0	0	0	0	0	0	1	8	35	9.1	40
Kampong Cham	0	0	0	2	2	0	0	0	0	0	0	1	5	0	2	0	0	0	0	0	0	0	0	0	0	2	7	42	8	48
Kampong Speu	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	0	0	0	0	0	0	0	0	0	7	7	49	8	56
Kandal	0	0	0	0	0	0	1	4	0	0	0	5	0	0	0	2	0	0	0	0	0	0	0	0	2	7	56	8	64	
Banteay Mean Chey	1	0	0	1	0	1	0	0	0	0	0	3	0	0	0	0	2	0	0	0	0	0	0	0	2	5	61	5.7	69	
Rotanak Kiri	0	3	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	2	5	66	5.7	75	
Kracheh	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	0	0	0	0	0	0	0	0	1	4	70	4.5	80	
Mondol Kiri	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	2	4	74	4.5	84	
Pailin	3	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	4	78	4.5	89	
Pursat	2	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	1	3	81	3.4	92	
Siem Reap	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	3	3	84	3.4	95	
Kaoh Kong	0	1	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	87	3.4	99	
Phnom Penh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	88	1.1	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	88	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	88	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	88	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	88	0	100	
Kampong Thom	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	88	0	100	
Svay Rieng	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	88	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	88	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	88	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	88	0	100	
<b>TOTAL</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>	<b>5</b>	<b>7</b>	<b>5</b>	<b>7</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>30</b>	<b>88</b>			



### 5 Most Affected Provinces for Mine / ERW Casualties

#### Ranked by Total Casualties

Jan2017 - May2018

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	6	12	18	18
2	Battambang	1	8	9	27
3	Preah Vihear	7	1	8	35
4	Kampong Cham	0	7	7	42
5	Kampong Speu	0	7	7	49

### 10 Most Affected Districts for Mine / ERW Casualties

#### Ranked by Total Casualties

Jan2017 - May2018

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	7	1	8	8
2	Phnum Sruoch	Kampong Speu	0	7	7	15
3	Banteay Ampil	Otdar Mean Chey	5	0	5	20
4	Kaoh Nheaek	Mondol Kiri	0	4	4	24
5	Samlout	Battambang	0	4	4	28
6	Kandal Stueng	Kandal	0	4	4	32
7	Snuol	Kracheh	3	1	4	36
8	Ou Ya Dav	Rotanak Kiri	0	4	4	40
9	Anlong Veang	Otdar Mean Chey	0	4	4	44
10	Trapeang Prasat	Otdar Mean Chey	0	4	4	48

### 10 Most Affected Communes for Mine / ERW Casualties

#### Ranked by Total Casualties

Jan2017 - May2018

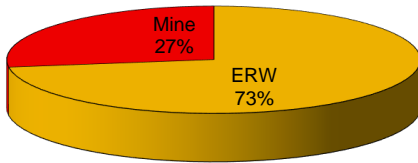
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Moha Sang	Phnum Sruoch	Kampong Speu	0	5	5	5
2	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	0	4	4	9
3	Choam Ksant	Choam Khsant	Preah Vihear	4	0	4	13
4	Kampong Lpou	Samlout	Battambang	0	4	4	17
5	Anlong Veang	Anlong Veang	Otdar Mean Chey	0	4	4	21
6	Barku	Kandal Stueng	Kandal	0	4	4	25
7	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	29
8	Ba Yakha	Pailin	Pailin	2	1	3	32
9	Kantuot	Choam Khsant	Preah Vihear	2	1	3	35
10	Ampil	Banteay Ampil	Otdar Mean Chey	3	0	3	38

## OVERVIEW OF MINE/ERW ACCIDENTS

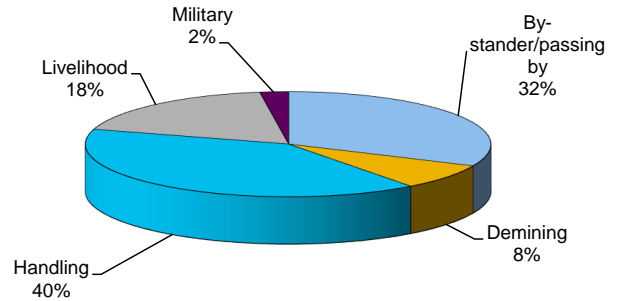
Jan2017 - May2018

Total Number of Casualties during Reporting Period: 88

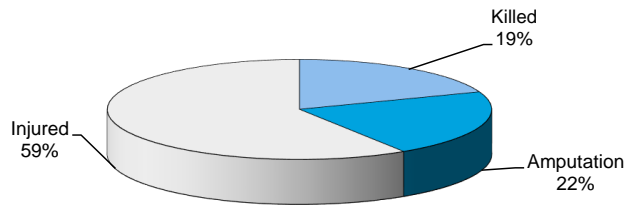
**Mine/ERW Distribution**



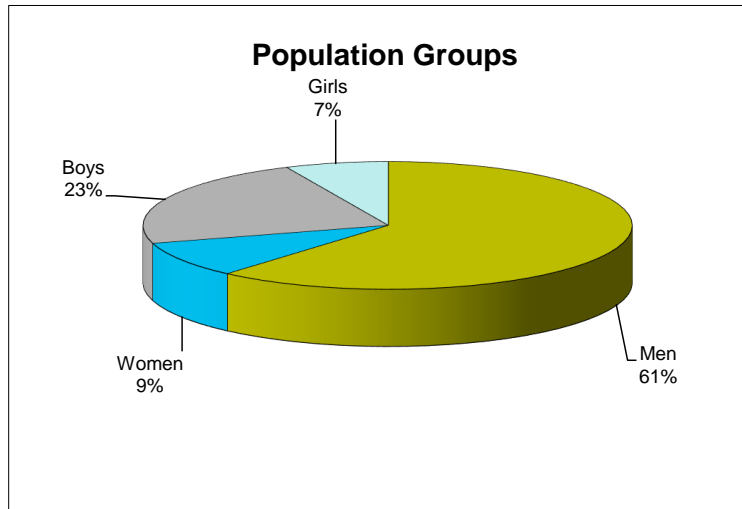
**Cause of Casualty**



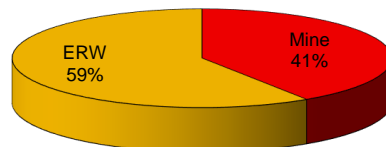
**Casualty Types**



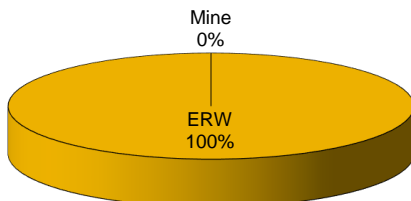
### MINE/ERW ACCIDENT OVERVIEW



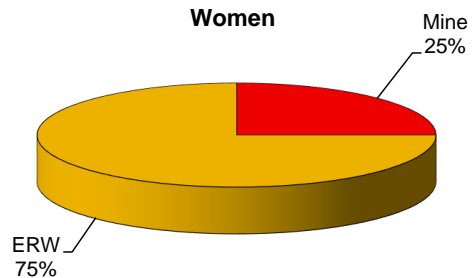
**Men**



**Children**



**Women**

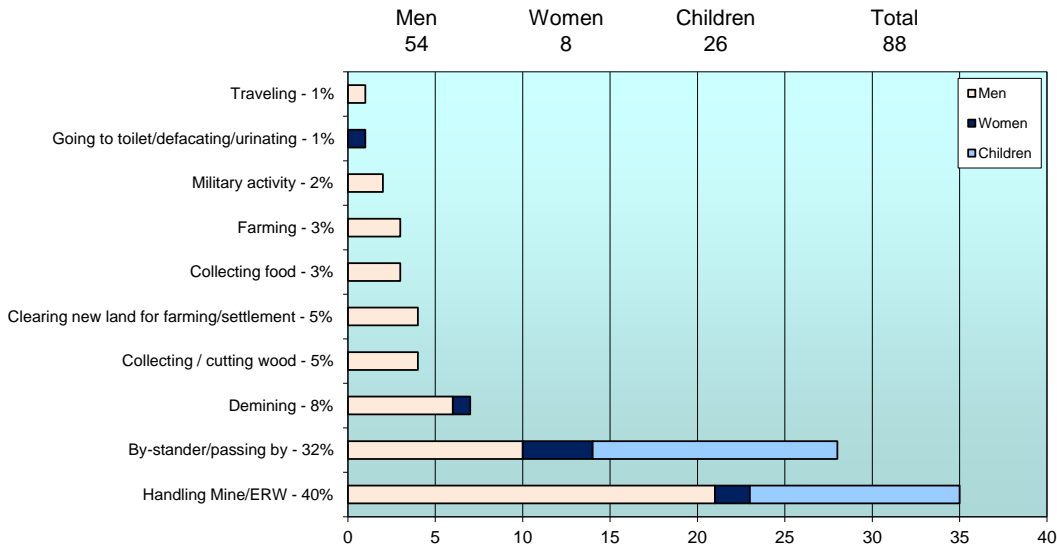




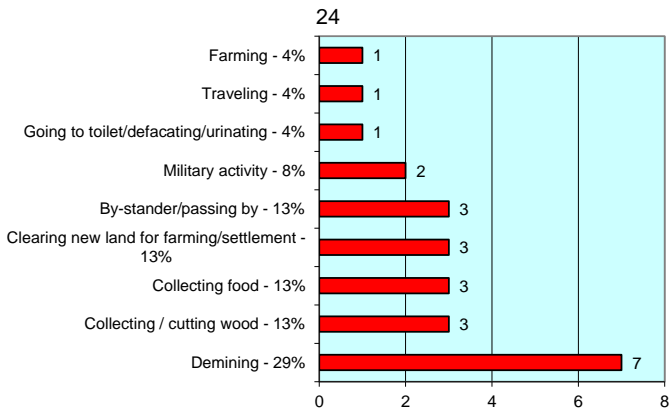
Jan2017 - May2018

Number of accidents during Reporting Period: **88**

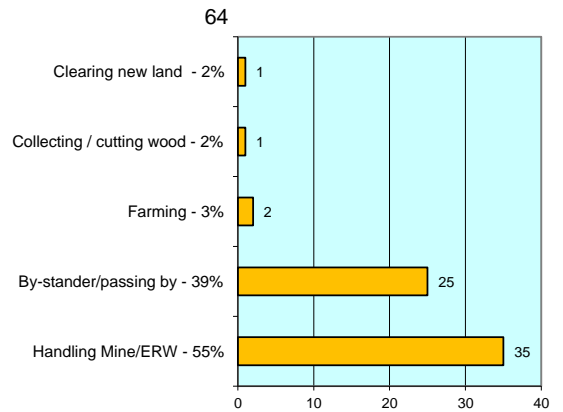
**Cause of Accident by Total Population Group**



**Activities - Mines**

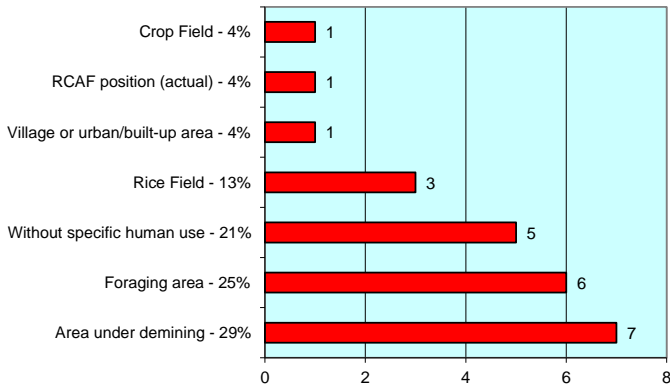


**Activities - ERW**



**Mine/ERW Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

