



**អង្គការមីន**

**C.M.A.A**

**CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM**

**MONTHLY REPORT  
FOR  
FEBRUARY 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 February 2018

For the period of 1979 to February 2018, a total of **64732** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64732 casualties:

- 51062 (79%) were mine casualties and 13670 (21%) were ERW casualties.
- 19760 (31%) people killed, 35947 (55%) people injured and 9025 (14%) people amputated.
- 52466 (81%) casualties were men, 6039 (9%) casualties were boys (age<18), 4776 (8%) casualties were women, 1388 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

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

From January to February 2018, **9 mine/ERW accidents** were provisionally recorded. This figure for January to February 2018 represents a decrease of **25%** compared with 12 mine/ERW accidents reported from January to February 2017. Of the 9 mine/ERW accidents, 1 (11%) were mine accidents and 8 (89%) were ERW accidents.

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

From January to February 2018, **12 ERW casualties** were provisionally recorded. This figure for January to February 2018 represents a decrease of **37%** compared with 19 casualties reported from January to February 2017. All of the 12 casualties:

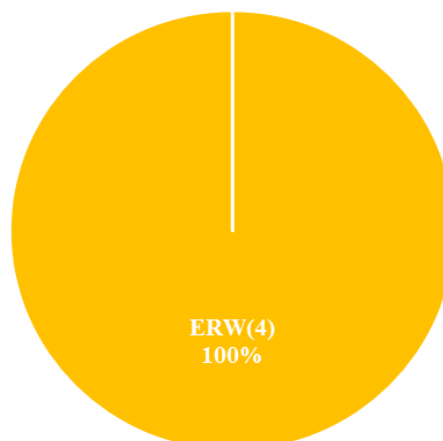
- 12 (100%) were ERW casualties.
- 2 (17%) people killed, 6 (50%) people injured and 4 (33%) people amputated.
- 8 (66%) casualties were men, 2 (17%) casualties were boys (age<18), and 2 (17%) casualties were women.

### 4- Accident Summary for February 2018

In February 2018, **4 ERW accidents** were provisionally recorded in Rotanak Kiri, Mondul Kiri, Kampong Cham, and Siem Reap provinces (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 February 2018 represents a decrease of **33%** compared with 6 mine / ERW accidents reported in February 2017.

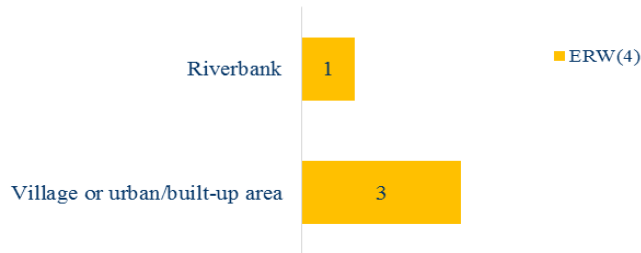
- **Type of explosive ordnance**

**Number of accidents caused by ERW**



- **Information about accident area**
  - 3 accidents occurred in Village or urban/built-up area
  - 1 accident occurred in Riverbank

Information on the accident area for February 2018



### 5- Casualty Summary for February 2018

In February 2018, **7 ERW casualties** were provisionally recorded. This figure for February 2018 represents a decrease of **36%** compared with 11 casualties reported from February 2017. All of the 7 casualties:

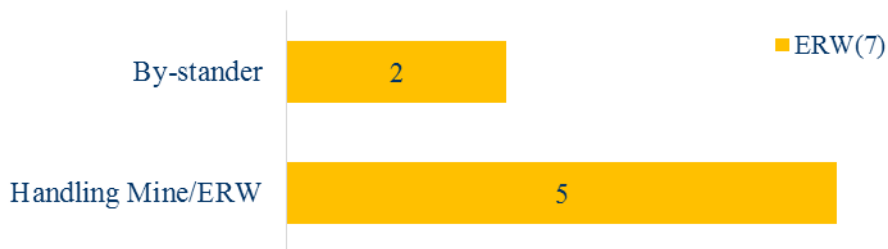
- 7 (100%) were ERW casualties.
- 1 (14%) people killed, 4 (57%) people injured and 2 (29%) people amputated.
- 6 (86%) casualties were men, and 1 (14%) casualty was woman.

#### Activity at the time of accident

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

- Handling activity (5 casualties)
- By-stander activity (2 casualties).

Activity at the time of accident for February 2018

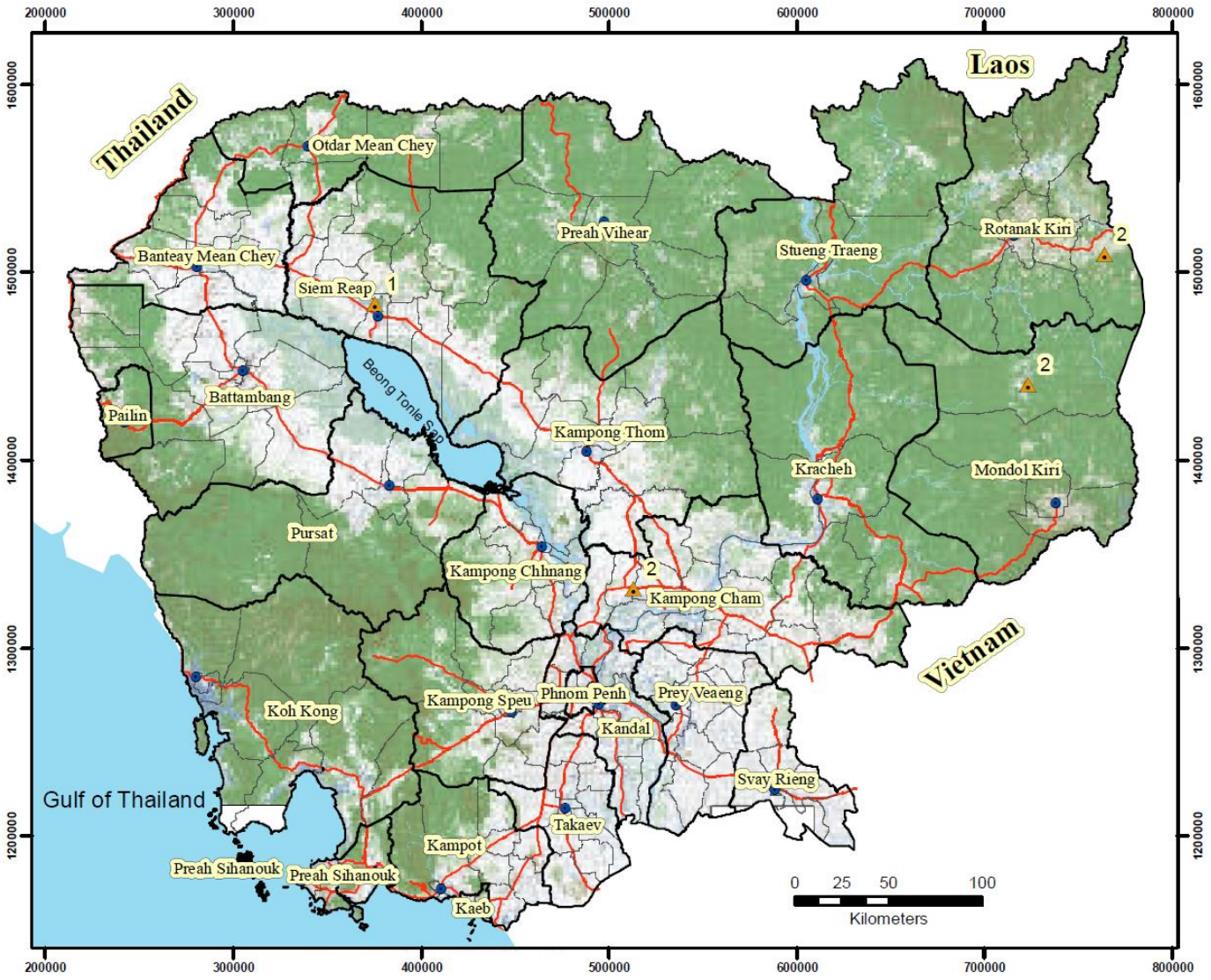


### 6- Impact of accident area for the period of February 2017 to February 2018 (70 casualties)

- 05 most affected provinces represent for **60%** of total casualties.
- 10 most affected districts represent for **59%** of total casualties.
- 10 most affected communes represent for **49%** of total casualties.

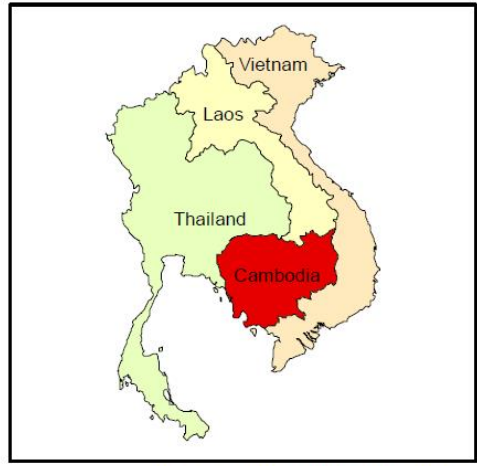
For detailed information, please see on page 7.

**CAMBODIA MINE VICTIM INFORMATION SYSTEM**  
**MINE/ERW Accident location in February 2018**  
**Accidents: 04, Casualties 07**



**Legend**

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



Produced by CMVIS, Mar 2018

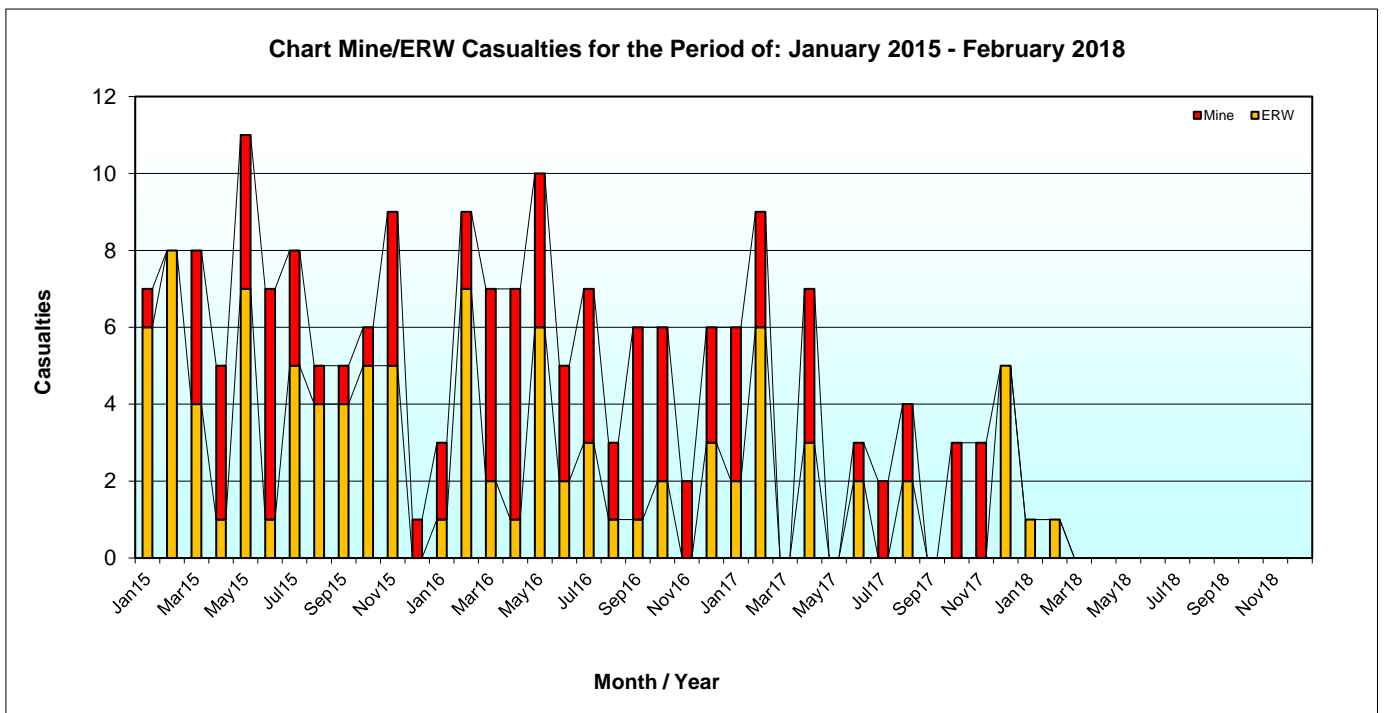
**Further analysis** and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: [ketya@cmaa.gov.kh](mailto:ketya@cmaa.gov.kh)

## Casualty Trend

### Report Mine/ERW Casualties for the Period of: January 2015 - February 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>12</b>
monthly change +/- from 2017	-3	-4											
monthly change % from 2017	-38	-36											
<i>Running Total 2018</i>	<b>5</b>	<b>12</b>											
% change 2017 to 2018	-37.5	-36.8											

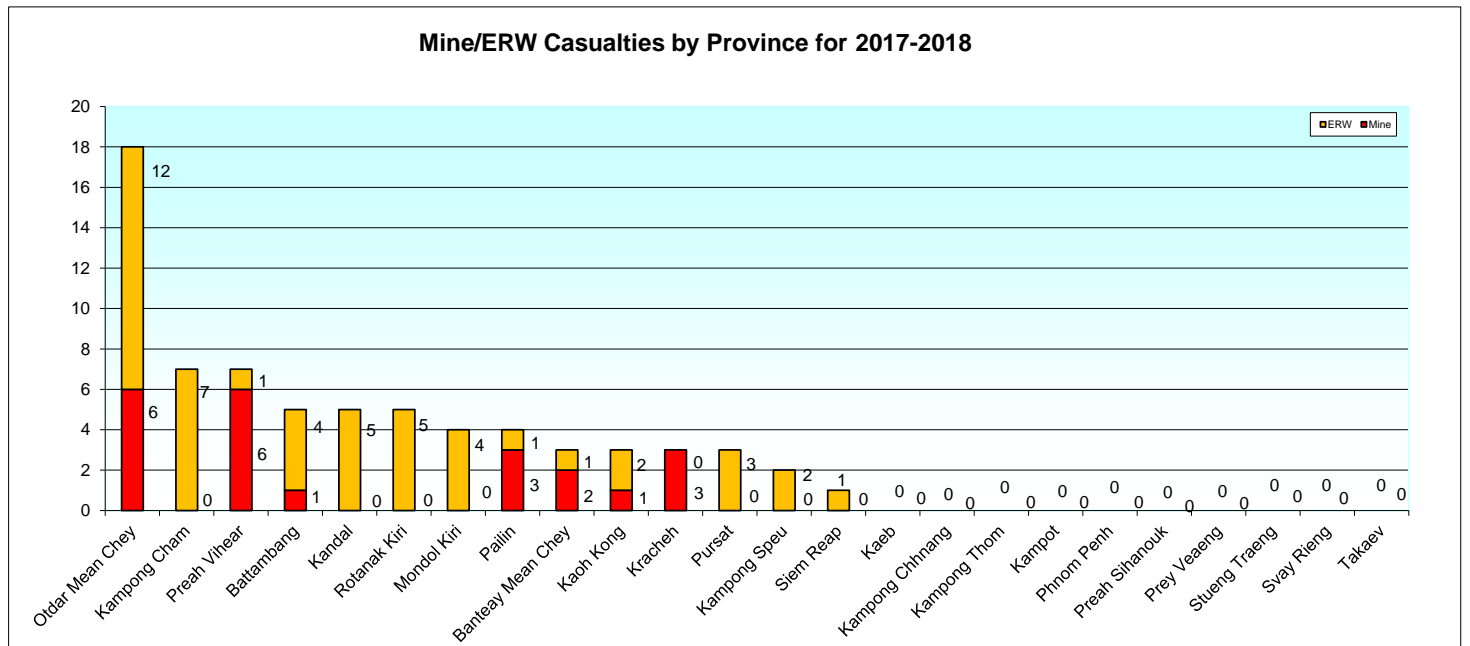
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



### Monthly Mine/ERW Accident Casualties: Jan2017 - Feb2018

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

Province	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	Total	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.				
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	0	18	18	25.7	26
Preah Vihear	0	1	0	4	0	0	1	1	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	25	10	36
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	0	2	7	32	10	46
Battambang	0	0	0	0	0	1	1	0	0	0	0	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	37	7.1	53
Kandal	0	0	0	0	0	0	0	1	4	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	42	7.1	60
Rotanak Kiri	0	3	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	0	0	0	0	2	5	47	7.1	67
Mondol Kiri	0	0	0	0	0	0	0	2	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	4	51	5.7	73
Pailin	3	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	55	5.7	79
Kaoh Kong	0	1	0	0	0	0	0	0	0	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	58	4.3	83
Pursat	2	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	3	61	4.3	87
Banteay Mean Chey	1	0	0	1	0	1	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	64	4.3	91
Kracheh	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	67	4.3	96
Kampong Speu	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	2	69	2.9	99
Siem Reap	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	70	1.4	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	70	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	0	70	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	70	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	0	0	70	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	0	70	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	0	0	70	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	0	70	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	70	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	70	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	70	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>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>12</b>	<b>70</b>			



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

#### **Ranked by Total Casualties**

Jan2017 - Feb2018

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	6	12	18	18
2	Kampong Cham	0	7	7	25
3	Preah Vihear	6	1	7	32
4	Battambang	1	4	5	37
5	Kandal	0	5	5	42

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

#### **Ranked by Total Casualties**

Jan2017 - Feb2018

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	6	1	7	7
2	Banteay Ampil	Otdar Mean Chey	5	0	5	12
3	Kaoh Nheak	Mondol Kiri	0	4	4	16
4	Kandal Stueng	Kandal	0	4	4	20
5	Trapeang Prasat	Otdar Mean Chey	0	4	4	24
6	Anlong Veang	Otdar Mean Chey	0	4	4	28
7	Ou Ya Dav	Rotanak Kiri	0	4	4	32
8	Ou Chrov	Banteay Mean Chey	2	1	3	35
9	Snuol	Kracheh	3	0	3	38
10	Phnum Kravanh	Pursat	0	3	3	41

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

#### **Ranked by Total Casualties**

Jan2017 - Feb2018

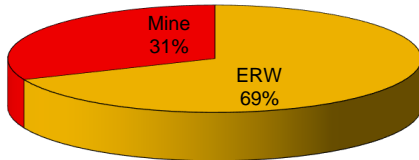
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Anlong Veang	Anlong Veang	Otdar Mean Chey	0	4	4	4
2	Choam Ksant	Choam Khsant	Preah Vihear	4	0	4	8
3	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	0	4	4	12
4	Barku	Kandal Stueng	Kandal	0	4	4	16
5	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	20
6	Kantuot	Choam Khsant	Preah Vihear	2	1	3	23
7	Ampil	Banteay Ampil	Otdar Mean Chey	3	0	3	26
8	Svay Chreah	Snuol	Kracheh	3	0	3	29
9	Ba Yakha	Pailin	Pailin	2	1	3	32
10	Srangae	Prey Chhor	Kampong Cham	0	2	2	34

## OVERVIEW OF MINE/ERW ACCIDENTS

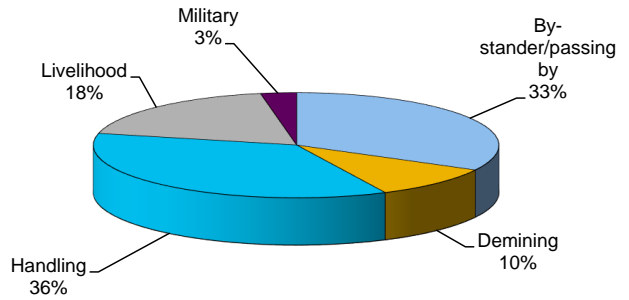
Jan2017 - Feb2018

Total Number of Casualties during Reporting Period: 70

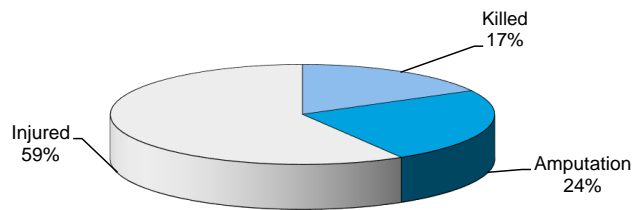
**Mine/ERW Distribution**



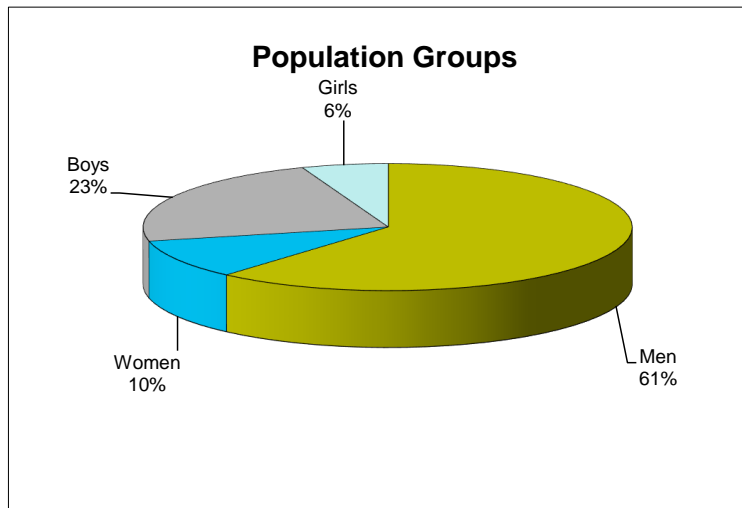
**Cause of Casualty**



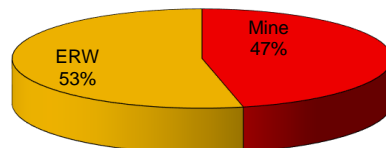
**Casualty Types**



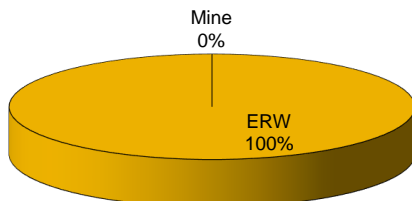
### MINE/ERW ACCIDENT OVERVIEW



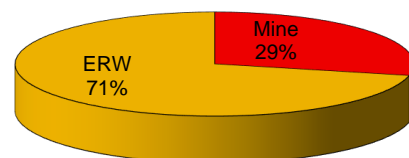
**Men**



**Children**



**Women**

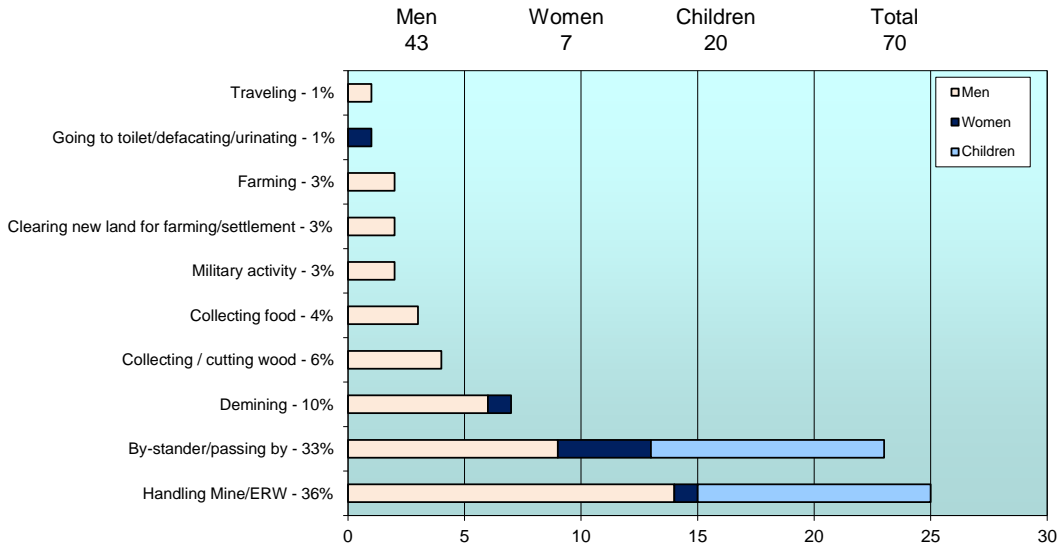




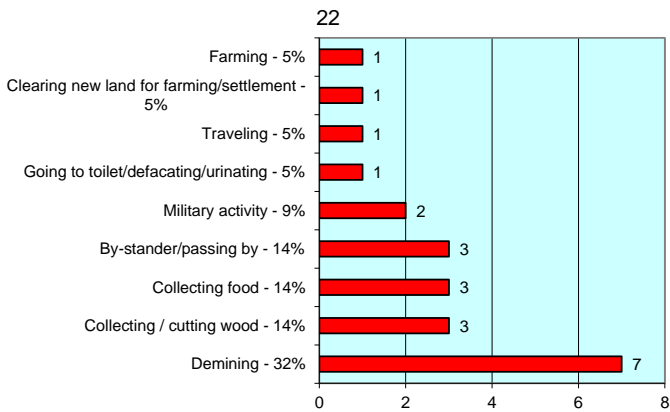
Jan2017 - Feb2018

Number of accidents during Reporting Period: **70**

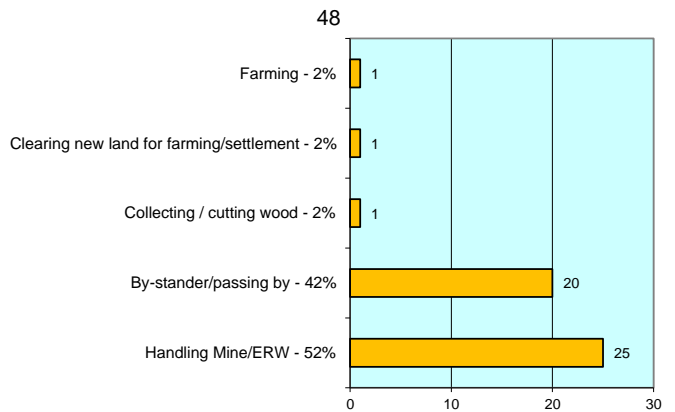
**Cause of Accident by Total Population Group**



**Activities - Mines**

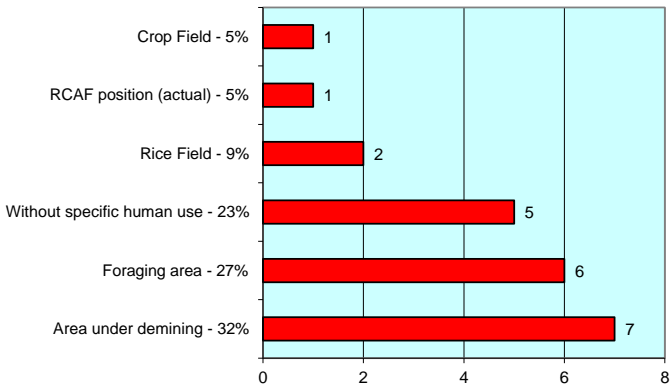


**Activities - ERW**



**Mine/ERW Accidents by Terrain Type**

**Terrain - Mines**



**Terrain - ERW**

