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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
JUNE 2017**

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 June 2017

For the period of 1979 to June 2017, a total of **64694** mine/ERW casualties were recorded by CMVIS data gatherers. Of the 64694 casualties:

- 51052 (79%) were mine casualties and 13642 (21%) were ERW casualties.
- 19754 (31%) people killed, 35922 (55%) people injured and 9018 (14%) people amputated.
- 52445 (81%) casualties were men, 6031 (9%) casualties were boys (age<18), 4771 (8%) casualties were women, 1384 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

2- Accident Summary for January to June 2017

From January to June 2017, **23 mine/ERW accidents** were provisionally recorded. This figure for January to June 2017 represents a decrease of **50%** compared with 46 mine/ERW accidents reported from January to June 2016. Of the 23 mine/ERW accidents, 11 (48%) were mine accidents and 12 (52%) were ERW accidents.

3- Casualty Summary for January to June 2017

From January to June 2017, **32 Mine/ERW casualties** were provisionally recorded. This figure for January to June 2017 represents a decrease of **37%** compared with 51 casualties reported from January to June 2016. Of the 32 casualties:

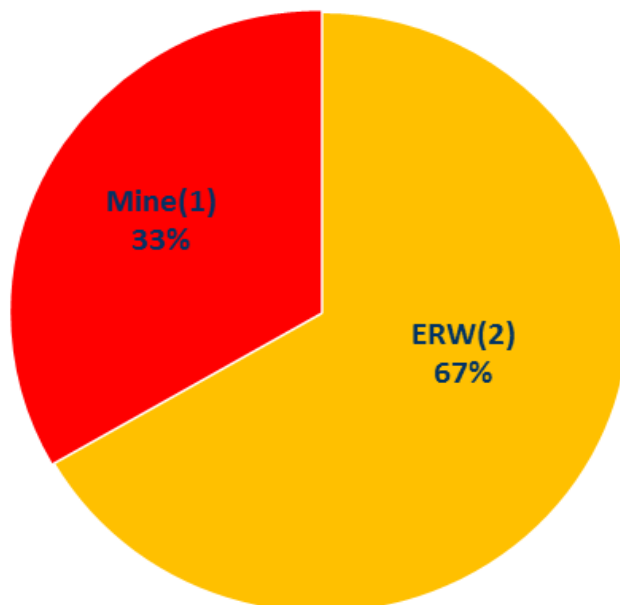
- 12 (38%) people killed or injured by mines and 20 (62%) resulted from 10 ERW accidents.
- 6 (19%) people killed, 16 (50%) people injured and 10 (31%) people amputated.
- 22 (69%) casualties were men, 8 (25%) casualties were boys (age<18), and 2(6%) casualties were women.

4- Accident Summary for June 2017

In June 2017, **3 Mine/ERW accidents** were provisionally recorded in provinces of: Banteay Mean Chey, Battambang and Otdar Meanchey (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 June 2017 represents is a decrease 62% compared with 8 mine/ERW accidents reported in June 2016.

- **Type of explosive ordnance**

Number of accidents caused by mines and ERW



- **Information about accident area**
 - 1 accident occurred in Area under demining.
 - 1 accident occurred in Crop Field area.
 - 1 accident occurred in Rice Field area.

Information on the accident area for June 2017



5- Casualty Summary for June 2017

In June 2017, **3 Mine/ERW casualties** were provisionally recorded. This figure for June 2017 represents a decrease of **57%** compared with 7 casualties reported in June 2016.

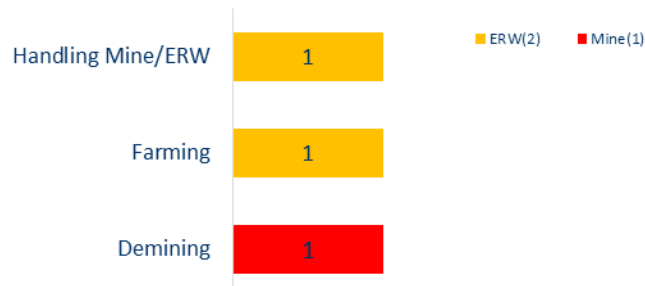
- 1 (33%) people injured by mine and 2(67%) killed/injured from 2 ERW accidents.
- 1 (33%) people killed, and 2 (67%) people amputated.
- 2 (67%) casualties were men, and 1 (33%) casualties was a boy (age<18).

- **Activity at the time of accident**

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

- Demining activity (1 casualty)
- Farming activity (1 casualty)
- Handling Mine/ERW activity (1 casualty).

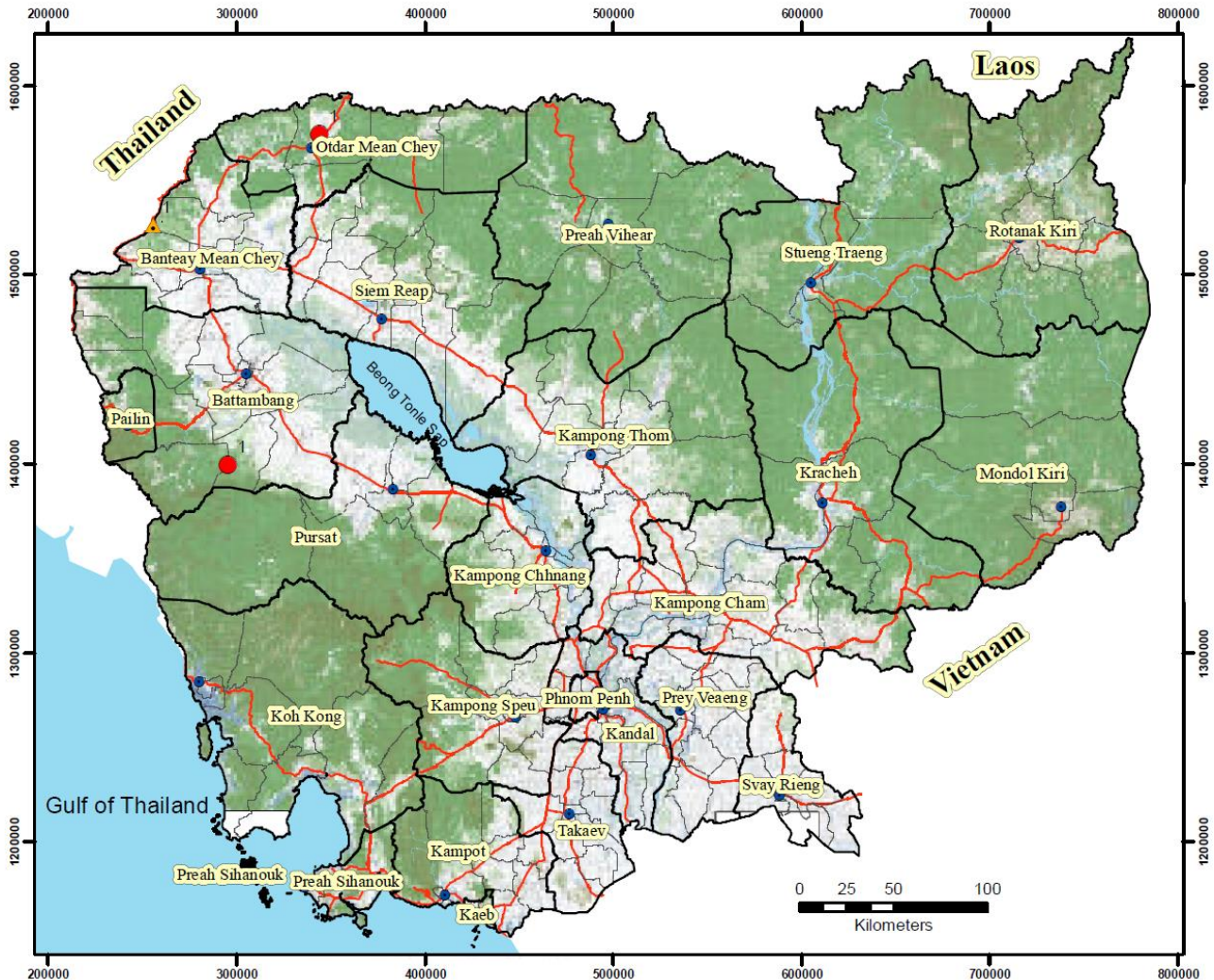
Activity at the time of accident for June 2017



6- Impact of accident area for the period of January 2016 to June 2017 (115 casualties)

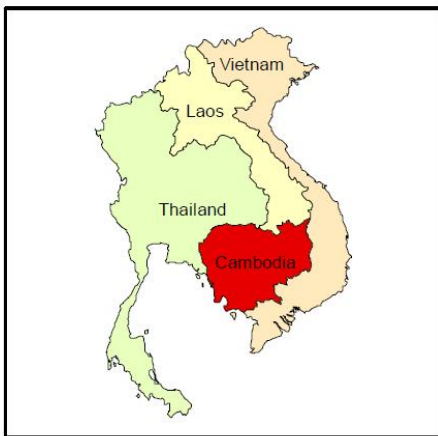
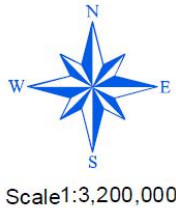
- 05 most affected provinces represent for **66%** of total casualties.
 - 10 most affected districts represent for **51%** of total casualties.
 - 10 most affected communes represent for **32%** of total casualties.
- For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in June 2017
Accidents: 03, Casualties 03



Legend

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



Produced by CMVIS, July 2017

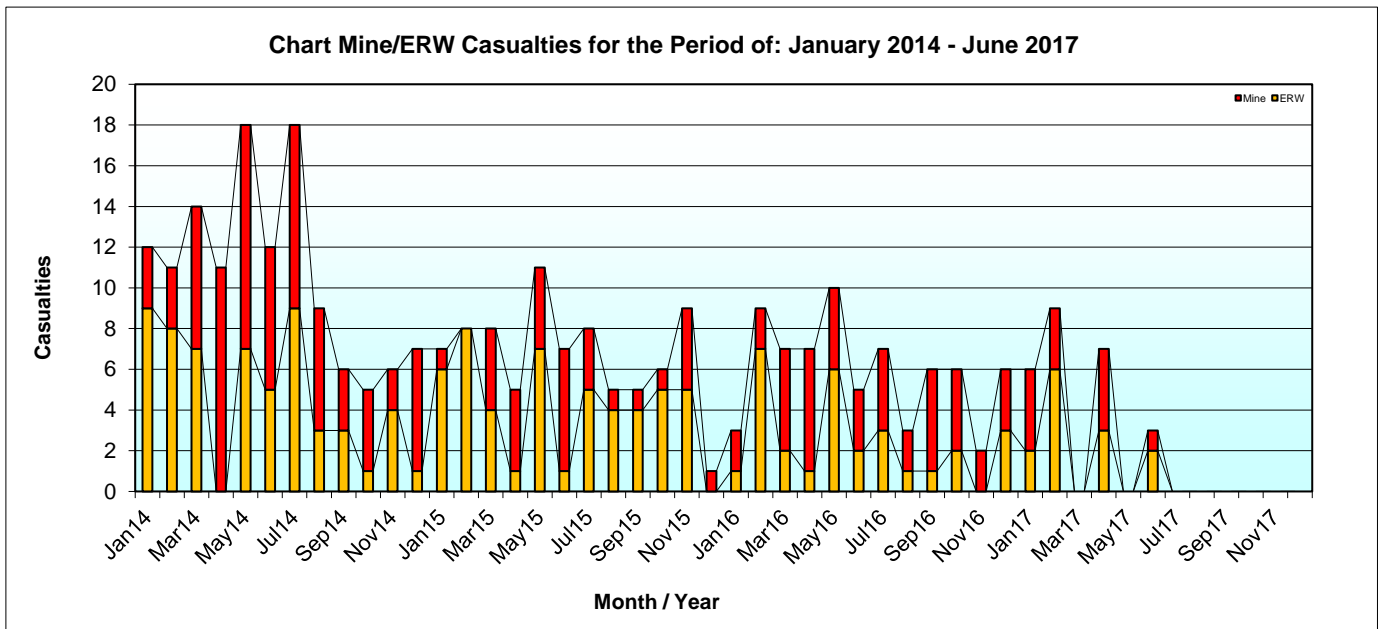
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2014 - June 2017

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
2014	20	20	20	11	18	12	19	9	6	5	6	8	154
<i>Running Total 2014</i>	20	40	60	71	89	101	120	129	135	140	146	154	
2015	13	16	11	5	12	10	8	5	5	8	16	2	111
<i>Running Total 2015</i>	13	29	40	45	57	67	75	80	85	93	109	111	
% change 2014 to 2015	-35.0	-27.5	-33.3	-36.6	-36.0	-33.7	-37.5	-38.0	-37.0	-33.6	-25.3	-27.9	
2016	8	10	7	8	11	7	8	4	6	6	2	6	83
monthly change +/- from 2015	-5	-6	-4	3	-1	-3	0	-1	1	-2	-14	4	
monthly change % from 2015	-38	-38	-36	60	-8	-30	0	-20	20	-25	-88	200	
<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	
2017	8	11	0	7	3	3							32
monthly change +/- from 2016	0	1	-7	-1	-8	-4							
monthly change % from 2016	0	10	-100	-13	-73	-57							
<i>Running Total 2017</i>	8	19	19	26	29	32							
% change 2016 to 2017	0	5.6	-24	-21.2	-34.1	-37.3							

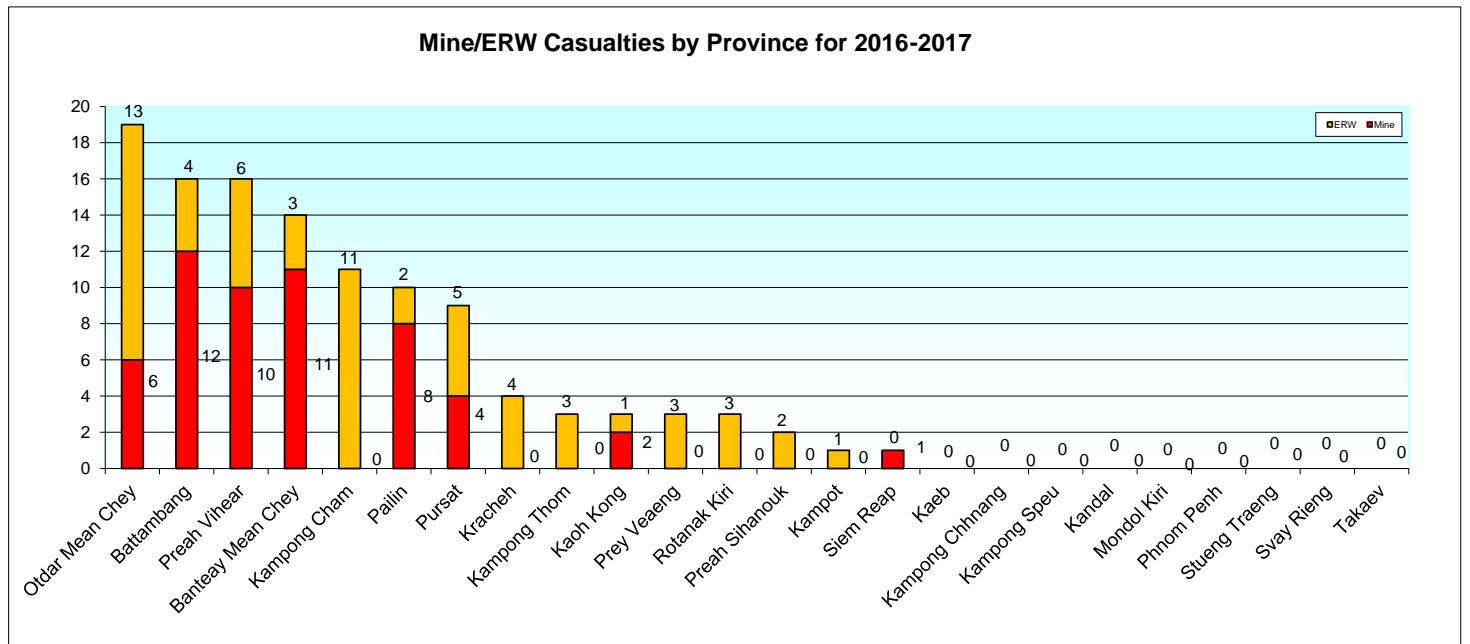
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2016 - Jun2017

Provinces ranked by Total Mine/ERW Casualties for 2016 - 2017

Province	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Total 2016		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	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	0	0	2	1	4	0	0	0	0	1	0	1	9	2	6	0	0	1	1	0	0	0	0	0	0	0	10	19	16.5	17	
Battambang	3	1	3	0	1	0	1	1	2	1	0	2	15	0	0	0	0	0	0	1	0	0	0	0	0	0	1	16	35	13.9	30
Preah Vihear	0	0	0	4	0	4	0	1	1	0	1	0	11	0	1	0	4	0	0	0	0	0	0	0	0	0	5	16	51	13.9	44
Banteay Mean Chey	0	3	1	1	2	2	0	1	1	0	0	0	11	1	0	0	1	0	1	0	0	0	0	0	0	0	3	14	65	12.2	57
Kampong Cham	2	0	0	0	0	0	3	0	0	2	0	0	7	0	0	0	2	2	0	0	0	0	0	0	0	0	4	11	76	9.6	66
Pailin	0	2	0	0	0	0	2	0	1	1	1	0	7	3	0	0	0	0	0	0	0	0	0	0	0	0	3	10	86	8.7	75
Pursat	0	2	1	2	0	0	1	0	0	1	0	0	7	2	0	0	0	0	0	0	0	0	0	0	0	0	2	9	95	7.8	83
Kracheh	1	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	99	3.5	86
Kaoh Kong	0	0	0	0	0	0	0	1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	3	102	2.6	89
Kampong Thom	0	2	0	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	105	2.6	91
Prey Veang	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	108	2.6	94
Rotanak Kiri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	111	2.6	97	
Preah Sihanouk	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	113	1.7	98
Kampot	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	114	0.9	99
Siem Reap	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	115	0.9	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	115	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	115	0	100
Kandal	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	115	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	115	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	115	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	115	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	115	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	115	0	100
Mondol Kiri	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	115	0	100
TOTAL	8	10	7	8	11	7	8	4	6	6	2	6	83	8	11	0	7	3	3	0	0	0	0	0	0	0	32	115			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Jun2017

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	6	13	19	19
2	Battambang	12	4	16	35
3	Preah Vihear	10	6	16	51
4	Banteay Mean Chey	11	3	14	65
5	Kampong Cham	0	11	11	76

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Jun2017

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	10	2	12	12
2	Trapeang Prasat	Otdar Mean Chey	1	6	7	19
3	Samlout	Battambang	6	0	6	25
4	Thma Puok	Banteay Mean Chey	5	1	6	31
5	Sala Krau	Pailin	4	2	6	37
6	Samraong	Otdar Mean Chey	1	4	5	42
7	Phnum Kravanh	Pursat	0	5	5	47
8	Pailin	Pailin	4	0	4	51
9	Ou Chrov	Banteay Mean Chey	3	1	4	55
10	Veal Veang	Pursat	4	0	4	59

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Jun2017

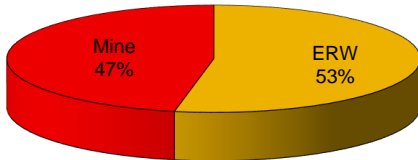
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Choam Ksant	Choam Khsant	Preah Vihear	6	0	6	6
2	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	1	4	5	11
3	Ba Yakha	Pailin	Pailin	4	0	4	15
4	Tuek Kraham	Choam Khsant	Preah Vihear	3	1	4	19
5	Srae Char	Snuol	Kracheh	0	3	3	22
6	Banteay Chhmar	Thma Puok	Banteay Mean Chey	3	0	3	25
7	Kouk Romiet	Thma Puok	Banteay Mean Chey	2	1	3	28
8	Choam	Memot	Kampong Cham	0	3	3	31
9	Bak Khlang	Mondol Seima	Kaoh Kong	2	1	3	34
10	Rumchek	Preah Sdach	Prey Veang	0	3	3	37

OVERVIEW OF MINE/ERW ACCIDENTS

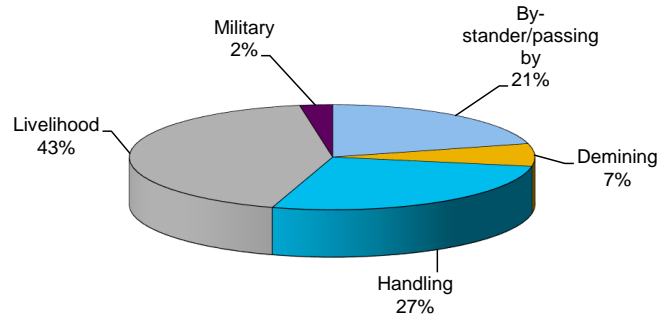
Jan2016 - Jun2017

Total Number of Casualties during Reporting Period: 115

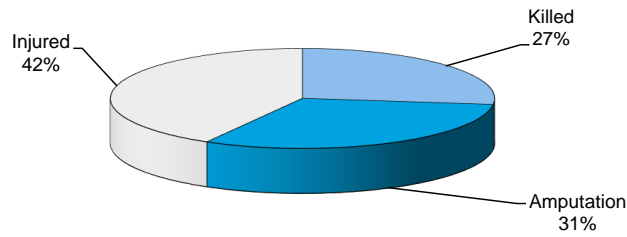
Mine/ERW Distribution



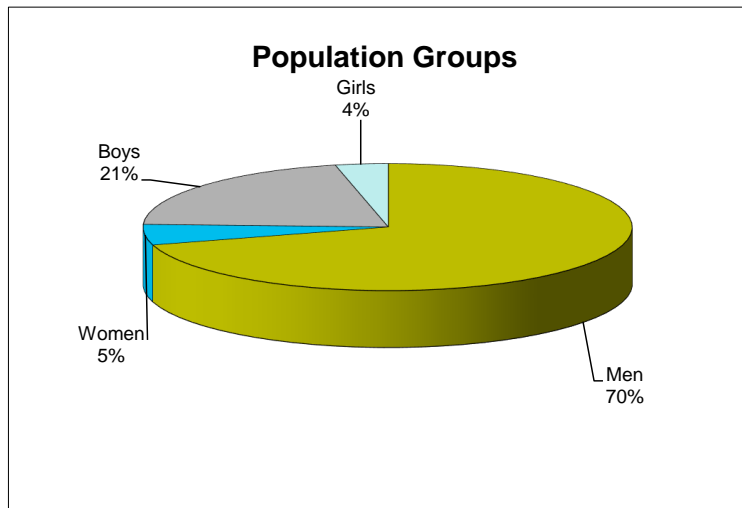
Cause of Casualty



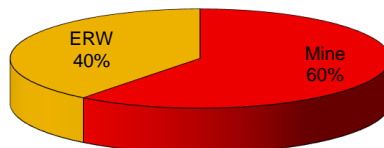
Casualty Types



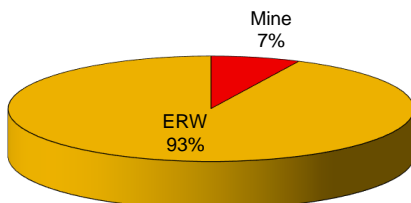
MINE/ERW ACCIDENT OVERVIEW



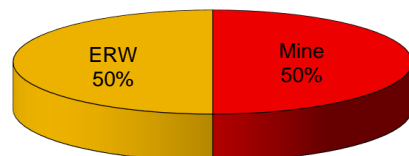
Men



Children



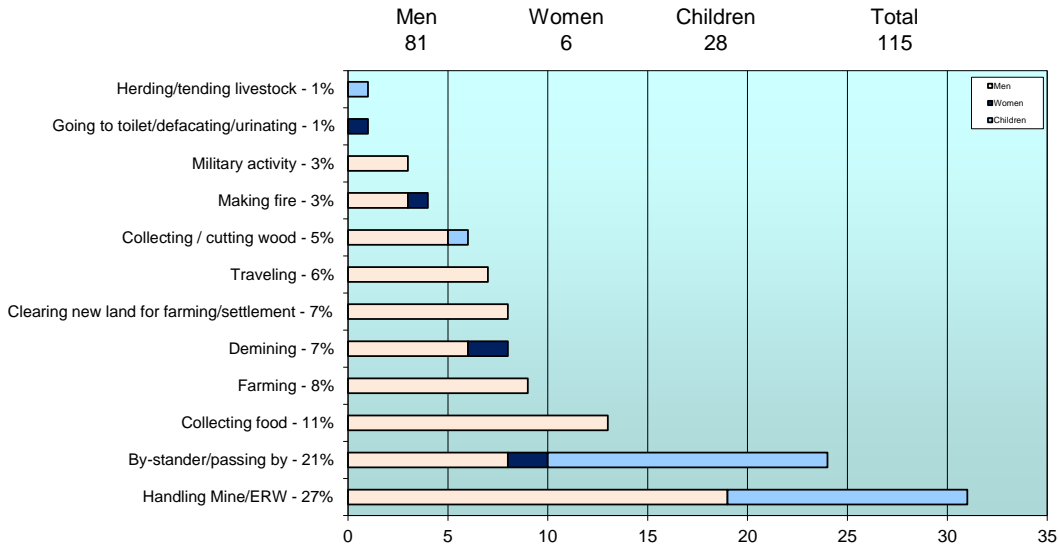
Women



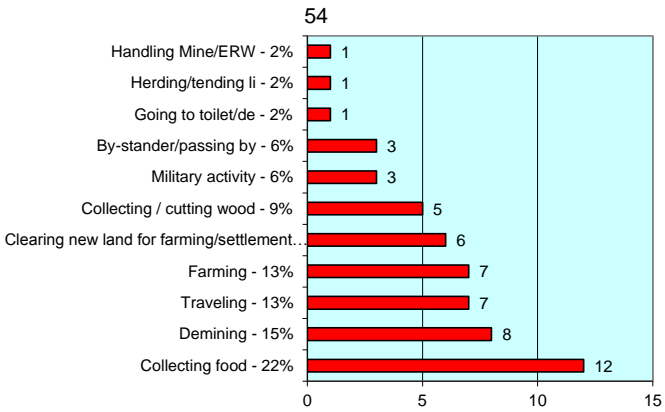
Jan2016 - Jun2017

Number of accidents during Reporting Period: **115**

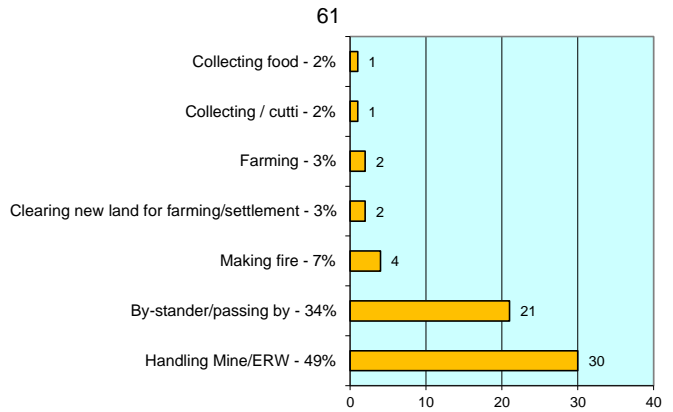
Cause of Accident by Total Population Group



Activities - Mines

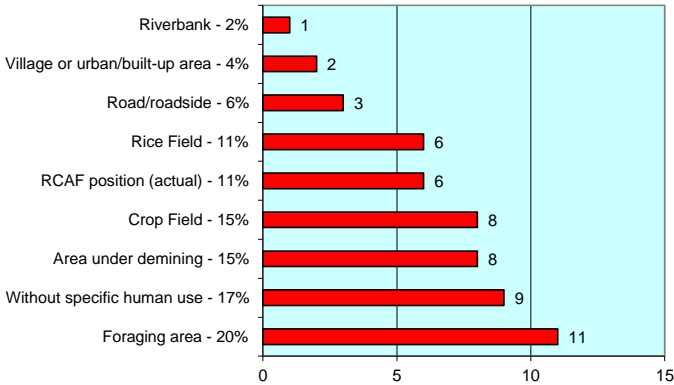


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

