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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
OCTOBER 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 October 2018

For the period of 1979 to October 2018, a total of **64770** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64770 casualties:

- 51073 (79%) were mine casualties and 13697 (21%) were ERW casualties.
- 19766 (31%) people killed, 35972 (55%) people injured and 9032 (14%) people amputated.
- 52488 (81%) casualties were men, 6050 (9%) casualties were boys (age<18), 4779 (8%) casualties were women, 1390 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

2- Accident Summary for January to October 2018

From January to October 2018, **33 mine/ERW accidents** were provisionally recorded. This figure for January to October 2018 represents a decrease of 6% compared with 35 mine/ERW accidents reported from January to October 2017. Of the 33 mine/ERW accidents, 12 (36%) were mine accidents and 21 (64%) were ERW accidents.

3- Casualty Summary for January to October 2018

From January to October 2018, **50 mine/ERW casualties** were provisionally recorded. This figure for January to October 2018 represents an increase of 4% compared with 48 casualties reported from January to October 2017. All of the 50 casualties:

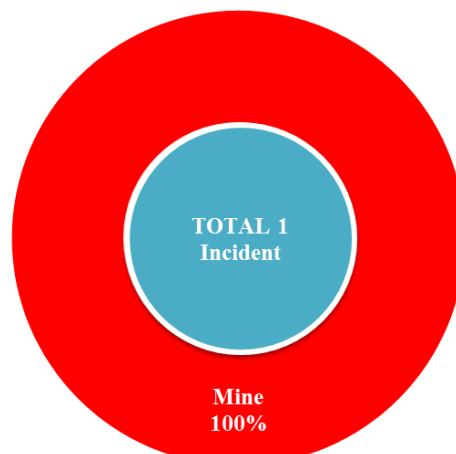
- 39 (78%) were ERW casualties, and 11 (22%) were mine casualties.
- 8 (16%) people killed, 31 (62%) people injured and 11 (22%) people amputated.
- 31 (62%) casualties were men, 13 (26%) casualties were boys (age<18), 4 (8%) casualties were women, and 2 (4%) casualties were girls.

4- Accident Summary for October 2018

In October 2018, **1 Mine accident** was provisionally recorded in the provinces of Preah Vihear (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 October 2018 is a decrease 75% compare with 4 accidents reported in October 2017.

- **Type of explosive ordnance**

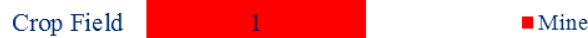
Number of incidents caused by Mine/ERW



- **Information about accident area**

- 1 accident occurred in Crop Field areas

Information on the accident area for October 2018



Area	Casualties	Type
Crop Field	1	Mine

5- Casualty Summary for October 2018

In October 2018, **1 mine casualty** was provisionally recorded. This figure for October 2018 is a decreased 80% compare with 5 casualties reported in October 2017. Of the 1 casualties:

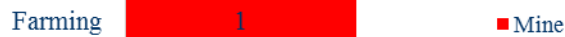
- 1 (100%) was mine casualty.
- 1 (100%) people injured.
- 1 (100%) casualty was man.

Activity at the time of accident

The activities caused people injured by mine as follow:

- Farming activity (1 casualty)

Activity at the time of accident for October 2018



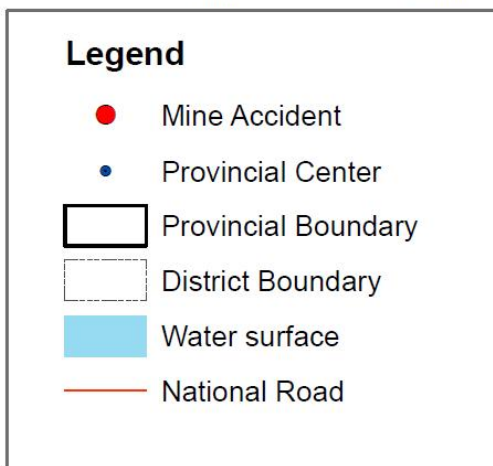
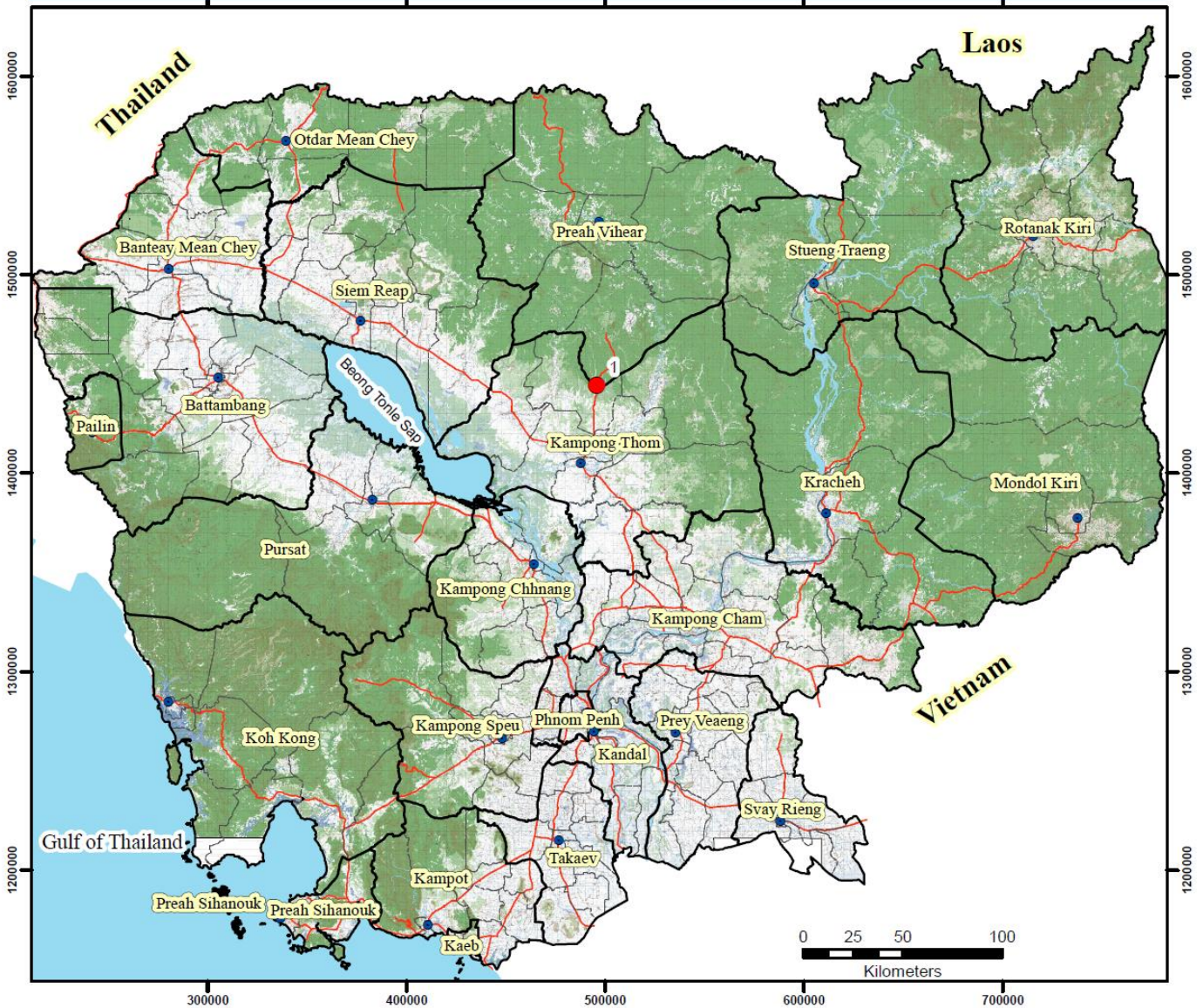
Activity	Casualties	Type
Farming	1	Mine

6- Impact of accident area for the period of January 2017 to October 2018 (108 casualties)

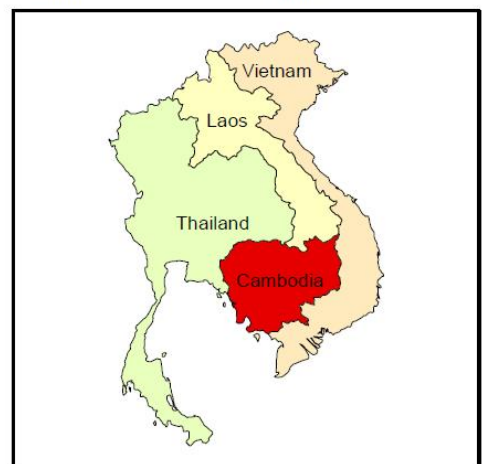
- 05 most affected provinces represent for **58%** of total casualties.
- 10 most affected districts represent for **55%** of total casualties.
- 10 most affected communes represent for **41%** of total casualties.

For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in October 2018
Accident: 01, Casualty: 01



Scale 1:3,000,000



Produced by CMVIS, Nov 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

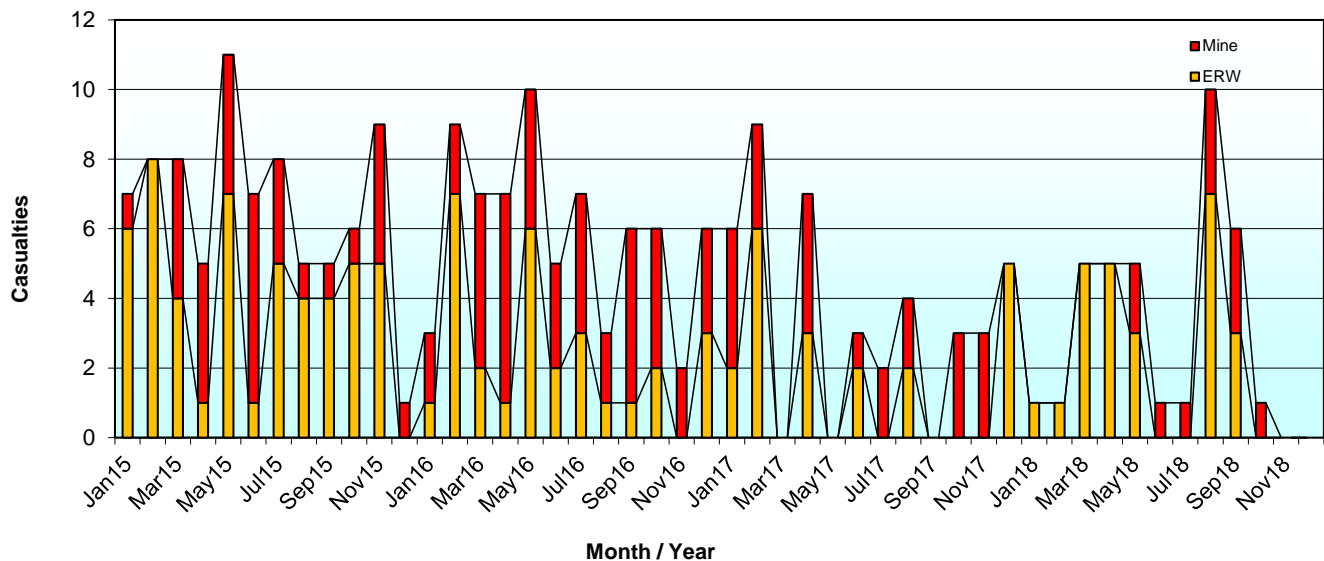
Casualty Trend

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

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
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	
2016	8	10	7	8	11	7	8	4	6	6	2	6	83
<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	2	5	4	5	3	7	58
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>	8	19	19	26	29	32	34	39	43	48	51	58	
% 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	
2018	5	7	5	7	6	1	1	11	6	1			50
monthly change +/- from 2017	-3	-4	5	0	3	-2	-1	6	2	-4			
monthly change % from 2017	-38	-36	100	0	100	-67	-50	120	50	-80			
<i>Running Total 2018</i>	5	12	17	24	30	31	32	43	49	50			
% change 2017 to 2018	-37.5	-36.8	-10.5	-7.7	3.4	-3.1	-5.9	10.3	14	4.2			

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

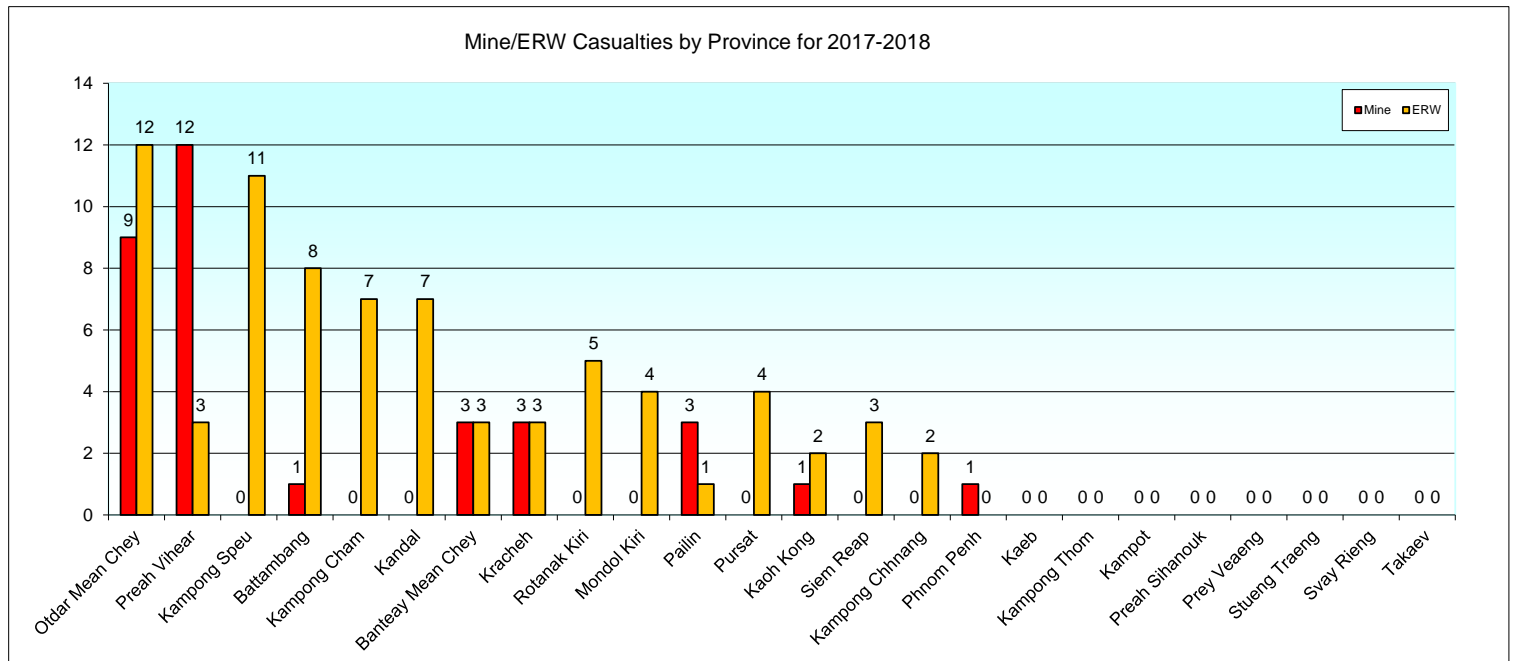
Chart Mine/ERW Casualties for the Period of: January 2014 - October 2018



Monthly Mine/ERW Accident Casualties: Jan2017 - Oct2018

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 2017-2018	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.				
Otdar Mean Chey	2	6	0	0	1	1	0	1	0	3	0	4	18	0	0	0	0	0	1	2	0	0	0	0	3	21	21	19.4	19	
Preah Vihear	0	1	0	4	0	0	1	1	0	0	0	0	7	0	0	0	0	1	1	0	1	4	1	0	0	8	15	36	13.9	33
Kampong Speu	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5	0	0	0	0	4	0	0	0	0	11	11	47	10.2	44
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	56	8.3	52
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	63	6.5	58
Kandal	0	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	70	6.5	65
Kracheh	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	1	0	0	0	2	0	0	0	3	6	76	5.6	70	
Banteay Mean Chey	1	0	0	1	0	1	0	0	0	0	0	0	3	0	0	0	2	0	0	1	0	0	0	0	3	6	82	5.6	76	
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	2	5	87	4.6	81	
Mondol Kiri	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2	4	91	3.7	84	
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	1	4	95	3.7	88	
Pursat	2	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	1	0	0	0	0	2	4	99	3.7	92	
Siem Reap	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	0	3	3	102	2.8	94	
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	3	3	105	2.8	97
Kampong Chhnang	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	107	1.9	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	108	0.9	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	0	108	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	108	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	108	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	108	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	108	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	108	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	108	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	108	0	100
TOTAL	8	11	0	7	3	3	2	5	4	5	3	7	58	5	7	5	7	6	1	1	11	6	1	0	0	50	108			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Oct2018

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	9	12	21	21
2	Preah Vihear	12	3	15	36
3	Kampong Speu	0	11	11	47
4	Battambang	1	8	9	56
5	Kampong Cham	0	7	7	63

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Oct2018

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	11	2	13	13
2	Phnum Sruoch	Kampong Speu	0	11	11	24
3	Snuol	Kracheh	3	3	6	30
4	Trapeang Prasat	Otdar Mean Chey	1	4	5	35
5	Banteay Ampil	Otdar Mean Chey	5	0	5	40
6	Samlout	Battambang	0	4	4	44
7	Kandal Stueng	Kandal	0	4	4	48
8	Kaoh Nheaek	Mondol Kiri	0	4	4	52
9	Ou Ya Dav	Rotanak Kiri	0	4	4	56
10	Anlong Veang	Otdar Mean Chey	0	4	4	60

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Oct2018

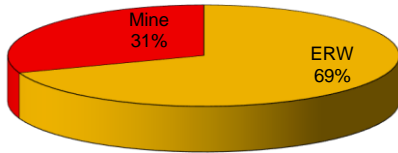
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Moha Sang	Phnum Sruoch	Kampong Speu	0	9	9	9
2	Choam Ksant	Choam Khsant	Preah Vihear	5	0	5	14
3	Anlong Veang	Anlong Veang	Otdar Mean Chey	0	4	4	18
4	Barku	Kandal Stueng	Kandal	0	4	4	22
5	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	0	4	4	26
6	Koun Kriel	Samraong	Otdar Mean Chey	3	1	4	30
7	Kampong Lpou	Samlout	Battambang	0	4	4	34
8	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	38
9	Morokot	Choam Khsant	Preah Vihear	4	0	4	42
10	Svay Chreah	Snuol	Kracheh	3	0	3	45

OVERVIEW OF MINE/ERW ACCIDENTS

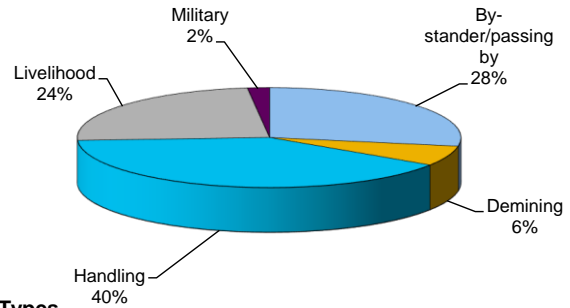
Jan2017 - Oct2018

Total Number of Casualties during Reporting Period: 108

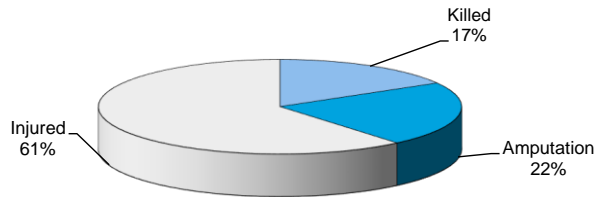
Mine/ERW Distribution



Cause of Casualty

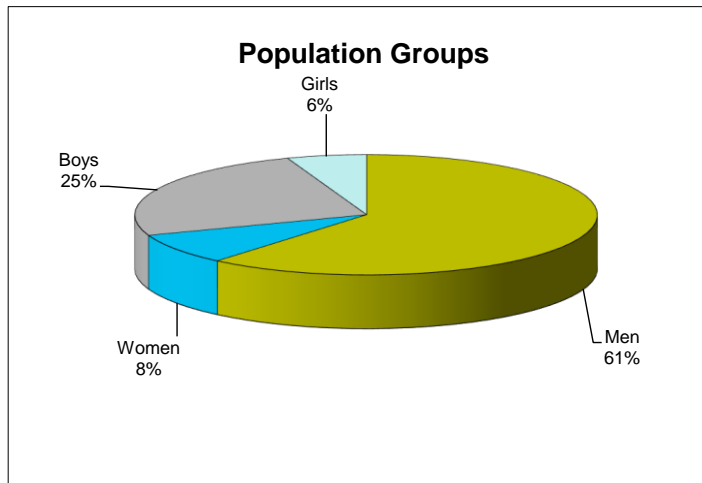


Casualty Types

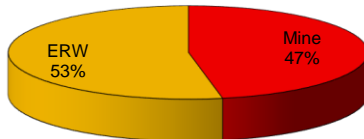


MINE/ERW ACCIDENT OVERVIEW

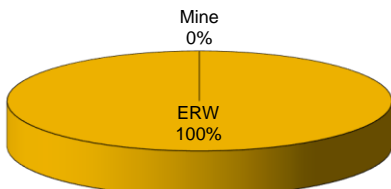
Population Groups



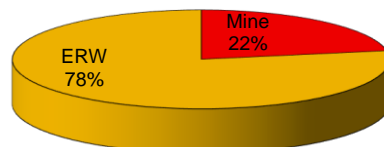
Men



Children



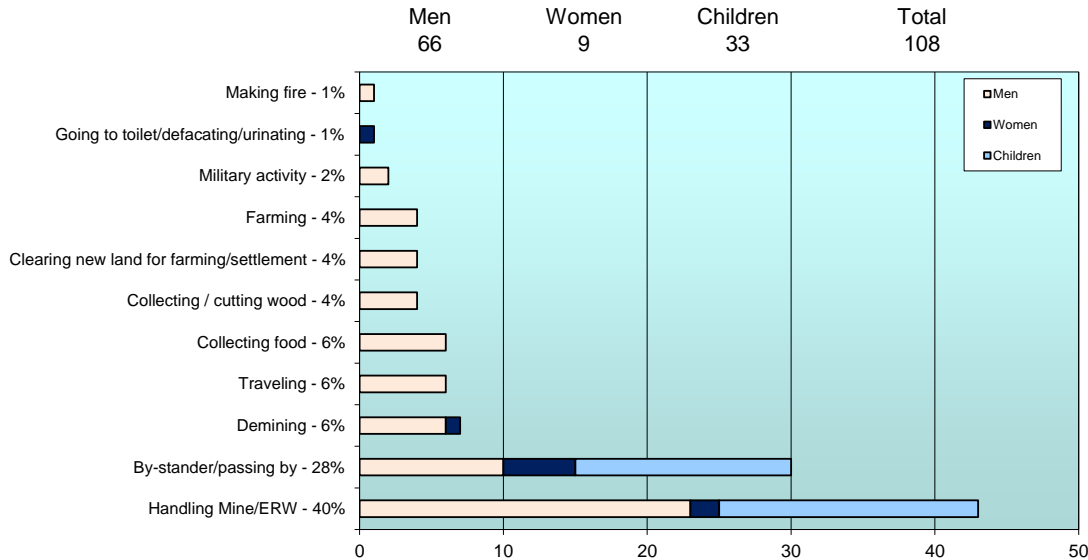
Women



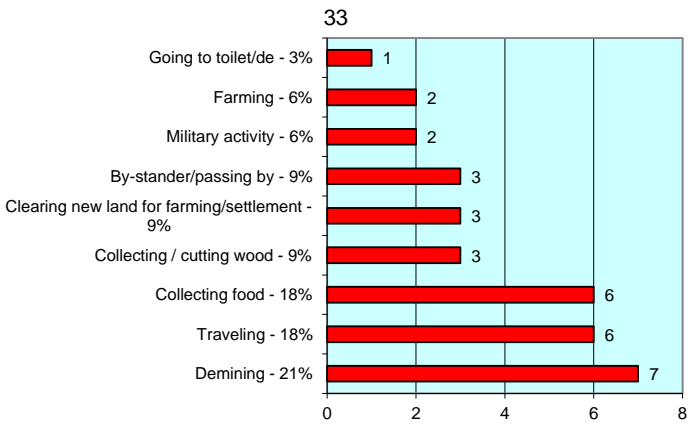
Jan2017 - Oct2018

Number of accidents during Reporting Period: **108**

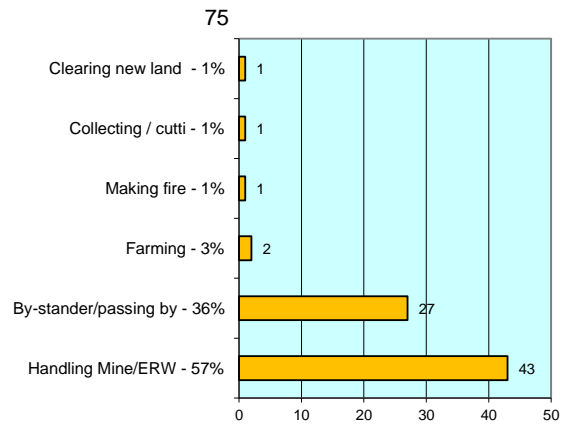
Cause of Accident by Total Population Group



Activities - Mines

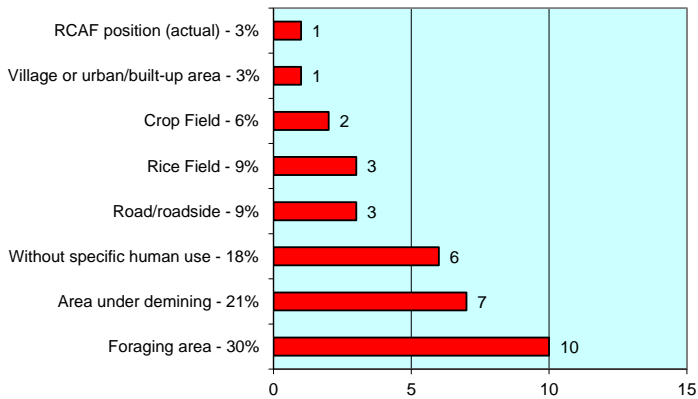


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

