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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
SEPTEMBER 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 September 2018

For the period of 1979 to September 2018, a total of **64769** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64769 casualties:

- 51072 (79%) were mine casualties and 13697 (21%) were ERW casualties.
- 19766 (31%) people killed, 35971 (55%) people injured and 9032 (14%) people amputated.
- 52487 (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 September 2018

From January to September 2018, **32 mine/ERW accidents** were provisionally recorded. This figure for January to September 2018 represents an increase of 3% compared with 31 mine/ERW accidents reported from January to September 2017. Of the 32 mine/ERW accidents, 11 (34%) were mine accidents and 21 (66%) were ERW accidents.

3- Casualty Summary for January to September 2018

From January to September 2018, **49 mine/ERW casualties** were provisionally recorded. This figure for January to September 2018 represents an increase of **14%** compared with 43 casualties reported from January to September 2017. All of the 49 casualties:

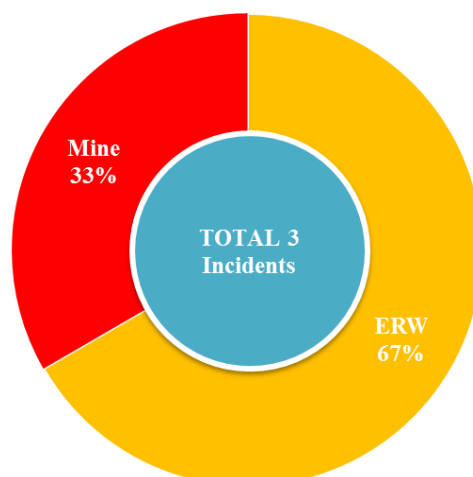
- 39 (80%) were ERW casualties, and 10 (20%) were mine casualties.
- 8 (16%) people killed, 30 (61%) people injured and 11 (23%) people amputated.
- 30 (61%) casualties were men, 13 (27%) casualties were boys (age<18), 4 (8%) casualties were women, and 2 (4%) casualties were girls.

4- Accident Summary for September 2018

In September 2018, **3 Mine/ERW accidents** were provisionally recorded in the provinces of Preah Vihear and Kratie (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 September 2018 is an increase 200% compare with 1 accident reported in September 2017.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



- **Information about accident area**
 - 2 accidents occurred in Village or urban/built-up areas
 - 1 accident occurred on Roadside area.

Information on the accident area for September 2018



5- Casualty Summary for September 2018

In September 2018, **6 mine/ERW casualties** was provisionally recorded. This figure for September 2018 is an increased 50% compare with 4 casualties reported in September 2017. Of the 6 casualties:

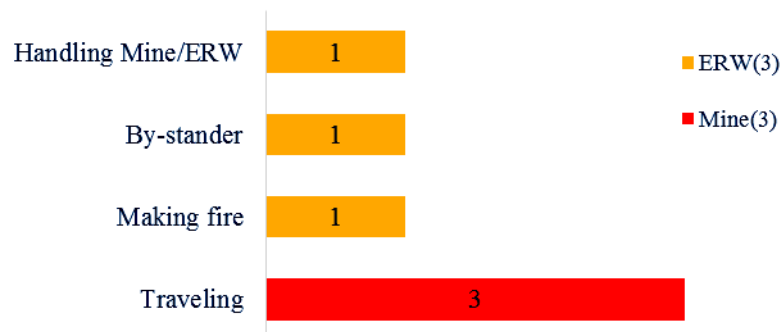
- 3 (50%) were mine casualties, and 3 (50%) were ERW casualties.
- 6 (100%) people injured.
- 5 (83%) casualties were men, and 1 (17%) casualty was woman.

Activity at the time of accident

The activities caused people injured by mine as follow:

- Traveling activity (3 casualties)
- By-stander activity (1 casualty)
- Making fire activity (1 casualty)
- Handling Mine/ERW activity (1 casualty)

Activity at the time of accident for September 2018

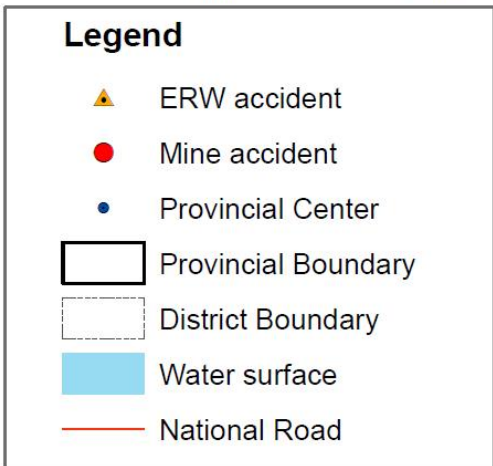
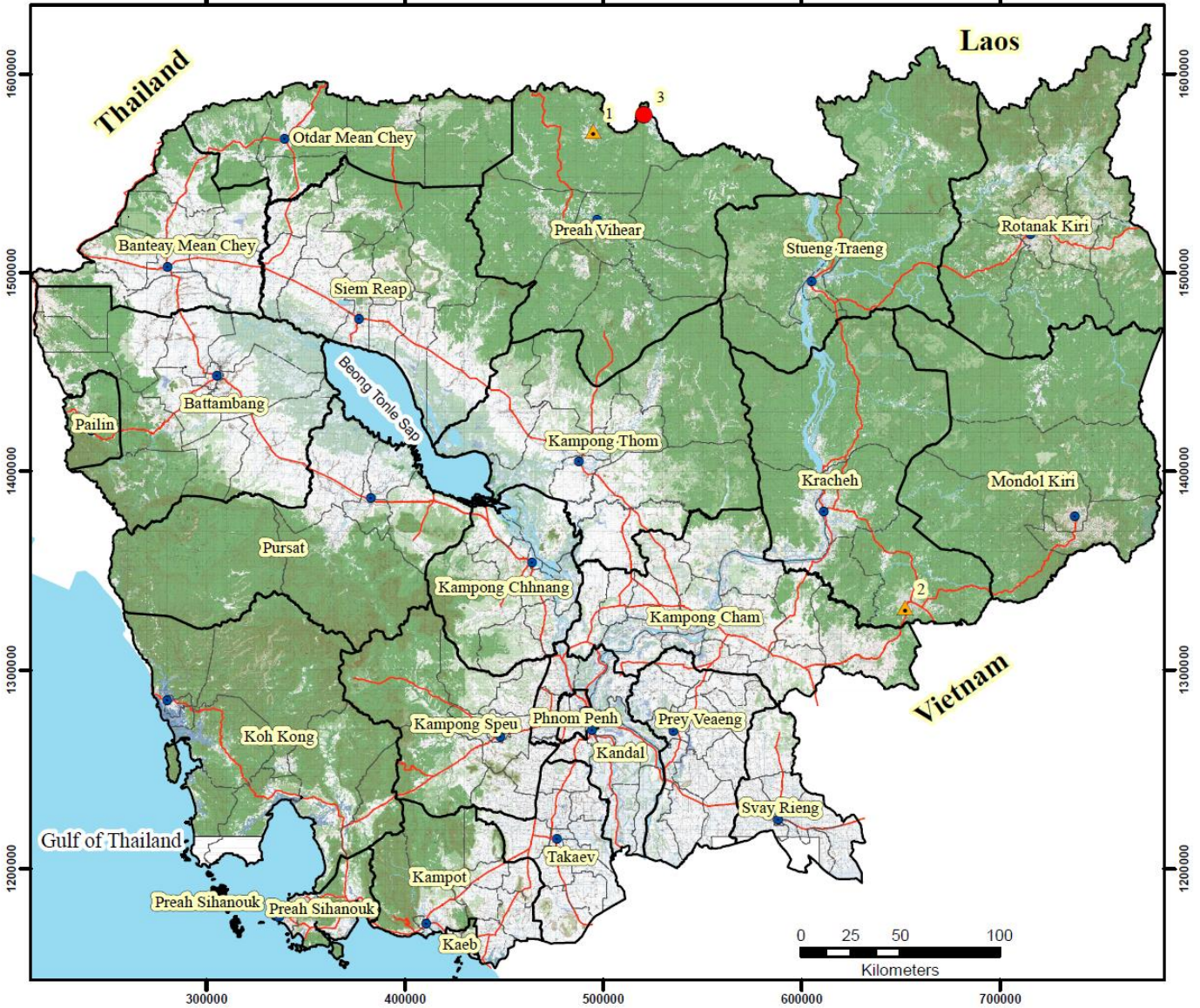


6- Impact of accident area for the period of January 2017 to September 2018 (107 casualties)

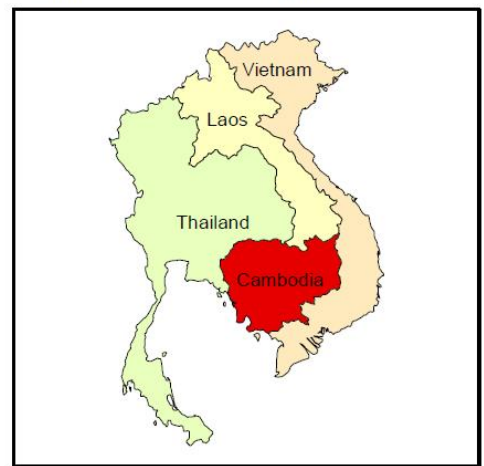
- 05 most affected provinces represent for **58%** of total casualties.
- 10 most affected districts represent for **56%** of total casualties.
- 10 most affected communes represent for **42%** of total casualties.

For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in September 2018
Accidents: 03, Casualties: 06



Scale 1:3,000,000



Produced by CMVIS, Oct 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

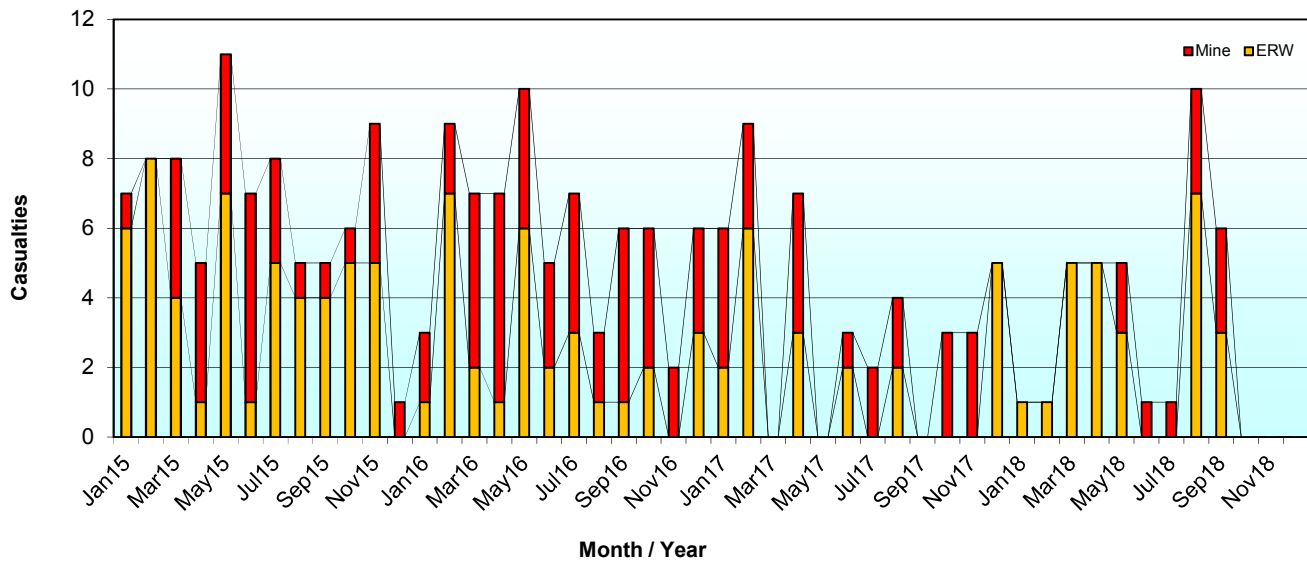
Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2015 - September 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				49
monthly change +/- from 2017	-3	-4	5	0	3	-2	-1	6	2				
monthly change % from 2017	-38	-36	100	0	100	-67	-50	120	50				
<i>Running Total 2018</i>	5	12	17	24	30	31	32	43	49				
% change 2017 to 2018	-37.5	-36.8	-10.5	-7.7	3.4	-3.1	-5.9	10.3	14				

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

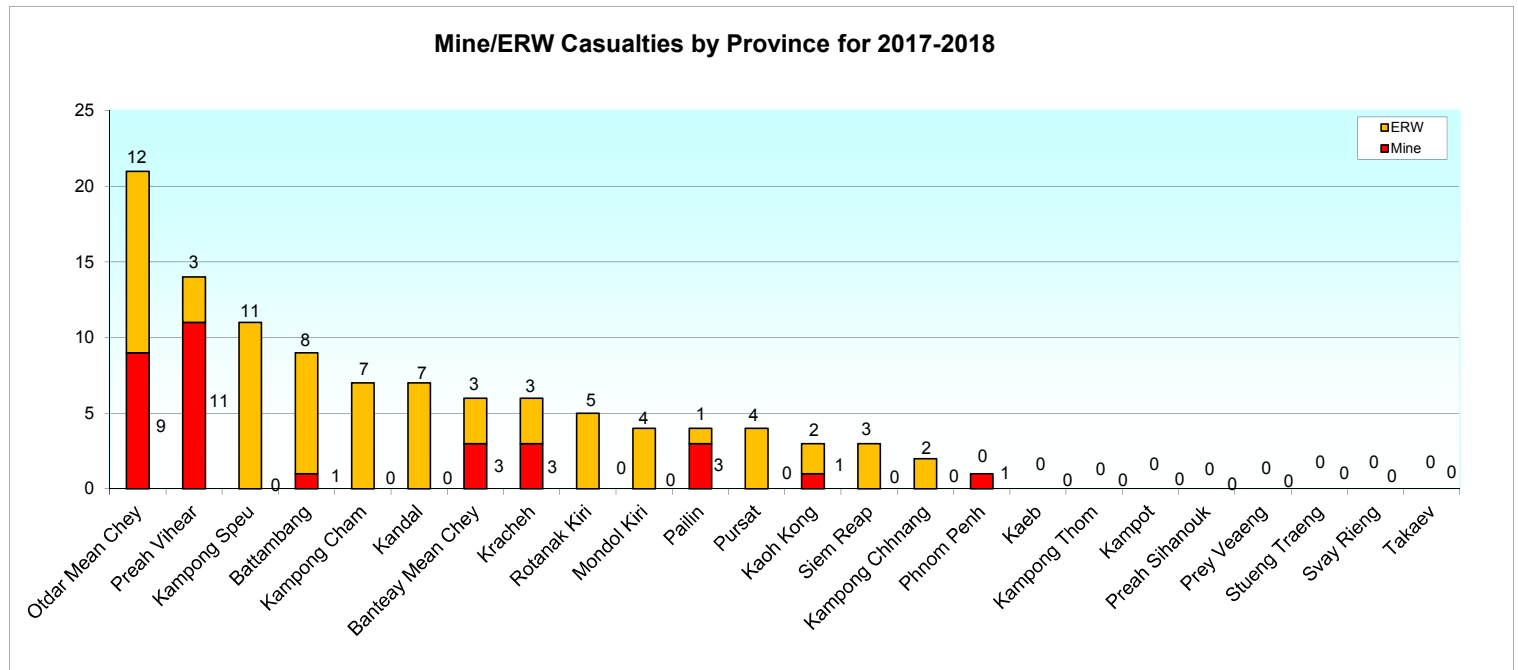
Chart Mine/ERW Casualties for the Period of: January 2015 - September 2018



Monthly Mine/ERW Accident Casualties: Jan2017 - Sep2018

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	1	2	0	0	0	0	3	21	21	19.6	20	
Preah Vihear	0	1	0	4	0	0	1	1	0	0	0	0	7	0	0	0	0	1	1	0	1	4	0	0	0	7	14	35	13.1	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	46	10.3	43
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	55	8.4	51
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	62	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	69	6.5	64
Kracheh	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	0	0	0	0	2	0	0	0	3	6	75	5.6	70
Banteay Mean Chey	1	0	0	1	0	1	0	0	0	0	0	0	3	0	0	0	0	2	0	0	1	0	0	0	0	3	6	81	5.6	76
Rolanak 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	2	5	86	4.7	80
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	2	4	90	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	0	1	4	94	3.7	88
Pursat	2	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1	0	0	0	0	2	4	98	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	0	3	3	101	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	0	3	104	2.8	97
Kampong Chhnang	0	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	106	1.9	99
Phnom Penh	0	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	107	0.9	100
Prey Veang	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	107	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	107	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	107	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	107	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	107	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	107	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	107	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	107	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	0	0	0	49	107			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Sep2018

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	9	12	21	21
2	Preah Vihear	11	3	14	35
3	Kampong Speu	0	11	11	46
4	Battambang	1	8	9	55
5	Kampong Cham	0	7	7	62

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Sep2018

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	Samraong	Otdar Mean Chey	3	1	4	60

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Sep2018

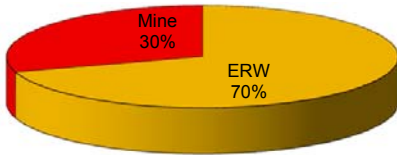
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Moha Sang	Phnum Sruoch	Kampong Speu	0	9	9	9
2	Choam Ksant	Choam Khsant	Preah Vihear	5	0	5	14
3	Barku	Kandal Stueng	Kandal	0	4	4	18
4	Morokot	Choam Khsant	Preah Vihear	4	0	4	22
5	Anlong Veaeng	Anlong Veaeng	Otdar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

OVERVIEW OF MINE/ERW ACCIDENTS

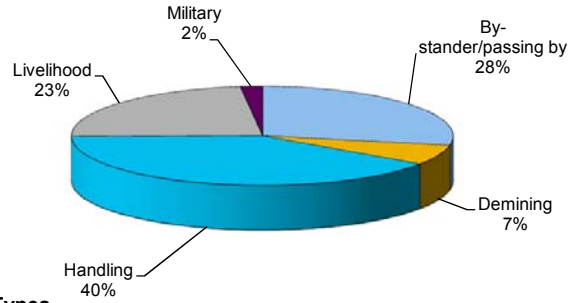
Jan2017 - Sep2018

Total Number of Casualties during Reporting Period: 107

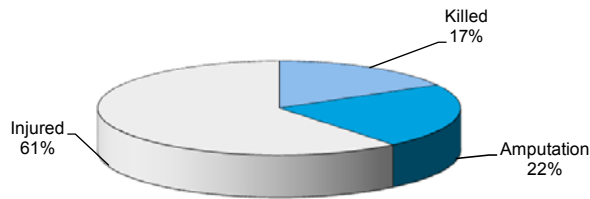
Mine/ERW Distribution



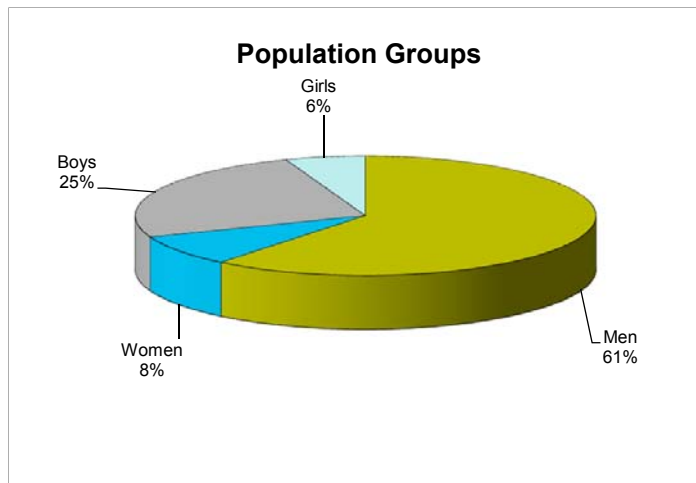
Cause of Casualty



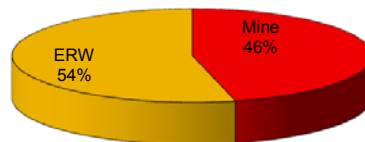
Casualty Types



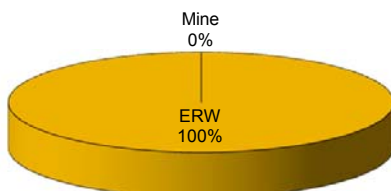
MINE/ERW ACCIDENT OVERVIEW



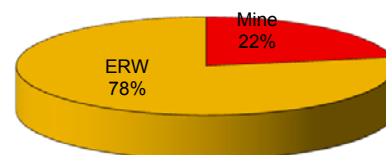
Men



Children



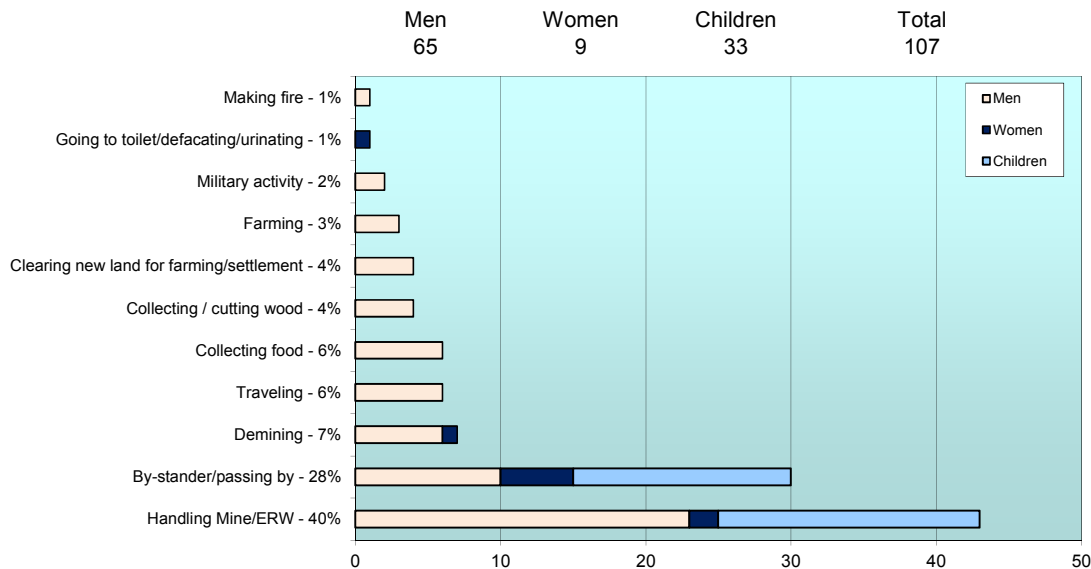
Women



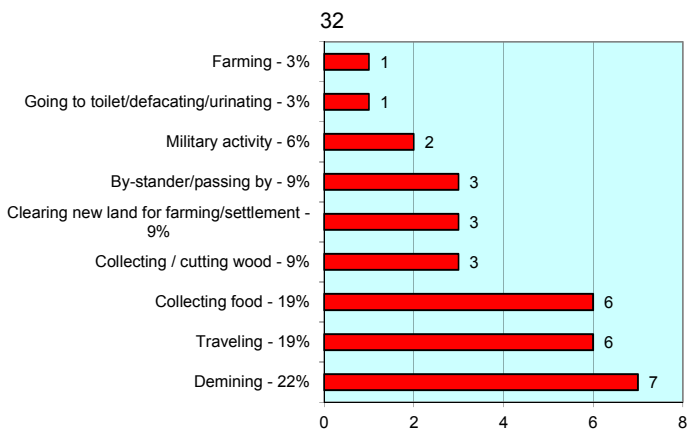
Jan2017 - Sep2018

Number of accidents during Reporting Period: **107**

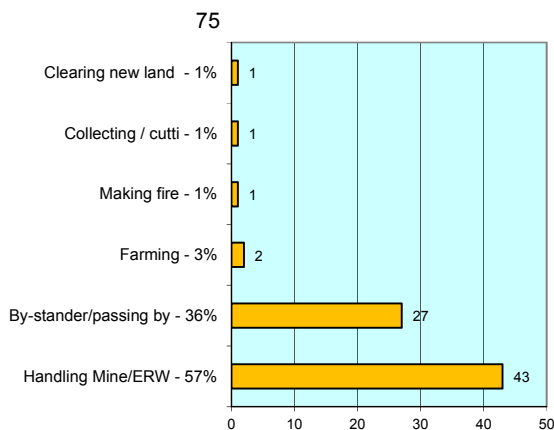
Cause of Accident by Total Population Group



Activities - Mines

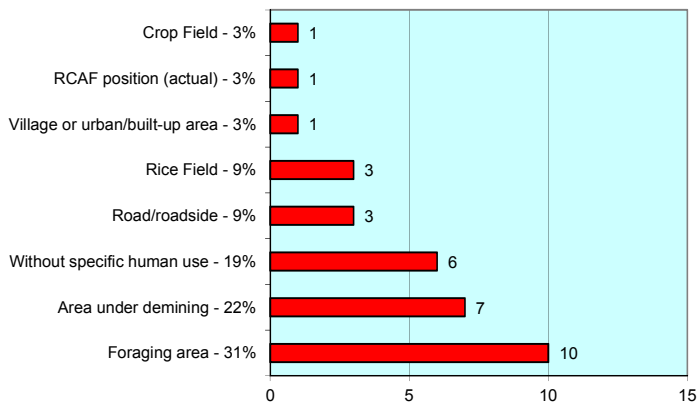


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

