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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
APRIL 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 April 2018

For the period of 1979 to April 2018, a total of **64744** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64744 casualties:

- 51062 (79%) were mine casualties and 13682 (21%) were ERW casualties.
- 19763 (31%) people killed, 35955 (55%) people injured and 9026 (14%) people amputated.
- 52471 (81%) casualties were men, 6042 (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 April 2018

From January to April 2018, **15 mine/ERW accidents** were provisionally recorded. This figure for January to April 2018 represents a decrease of **17%** compared with 18 mine/ERW accidents reported from January to April 2017. Of the 15 mine/ERW accidents, 3 (20%) were mine accidents and 12 (80%) were ERW accidents.

3- Casualty Summary for January to April 2018

From January to April 2018, **24 ERW casualties** were provisionally recorded. This figure for January to April 2018 represents a decrease of **8%** compared with 26 casualties reported from January to April 2017. All of the 24 casualties:

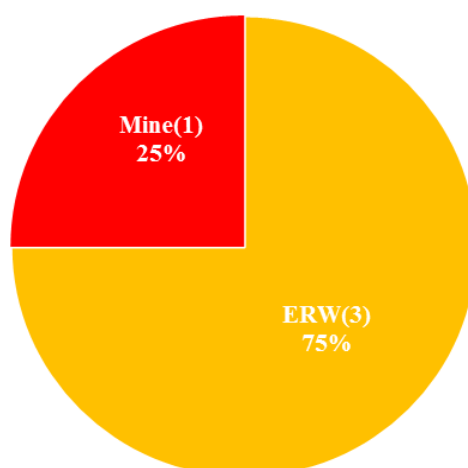
- 24 (100%) were ERW casualties.
- 5 (21%) people killed, 14 (58%) people injured and 5 (21%) people amputated.
- 14 (58%) casualties were men, 5 (21%) casualties were boys (age<18), 3 (13%) casualties were women, and 2 (8%) casualties were girls.

4- Accident Summary for April 2018

In April 2018, **4 Mine/ERW accidents** were provisionally recorded in Battambang, Banteay Mean Chey, Kandal and Kratie 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 April 2018 is decreased 20% compare with 5 accident reported in April 2017.

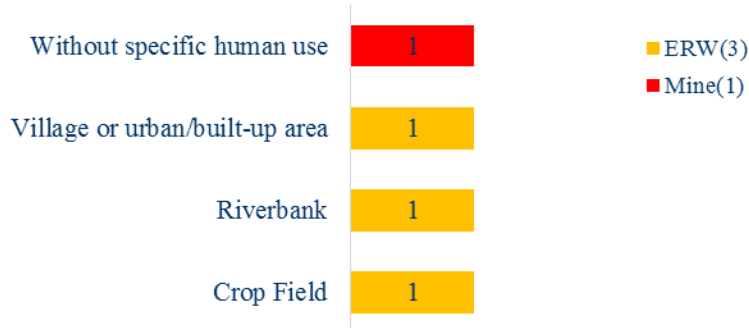
- **Type of explosive ordnance**

Number of accidents caused by ERW



- **Information about accident area**
 - 1 accident occurred in Crop Field area
 - 1 accident occurred in Riverbank area
 - 1 accident occurred in Village or urban/built-up area
 - 1 accident occurred in Without specific human use area

Information on the accident area for April 2018



5- Casualty Summary for April 2018

In April 2018, **7 ERW casualties** were provisionally recorded. This figure for April 2018 is similar with number of casualties reported in April 2017. All of the 7 casualties:

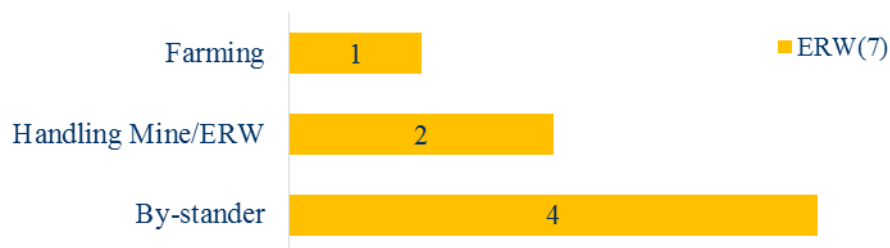
- 7 (100%) were ERW casualties.
- 1 (14%) people killed, 5 (72%) people injured, and 1 (14%) people amputated.
- 1 (14%) casualties were men, 3 (44%) casualties were boys, 1 (14%) casualty was a woman, and 2 (28%) casualties were girls.

Activity at the time of accident

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

- By-stander activity (4 casualties)
- Handling activity (2 casualties)
- Farming activity (1 casualty)

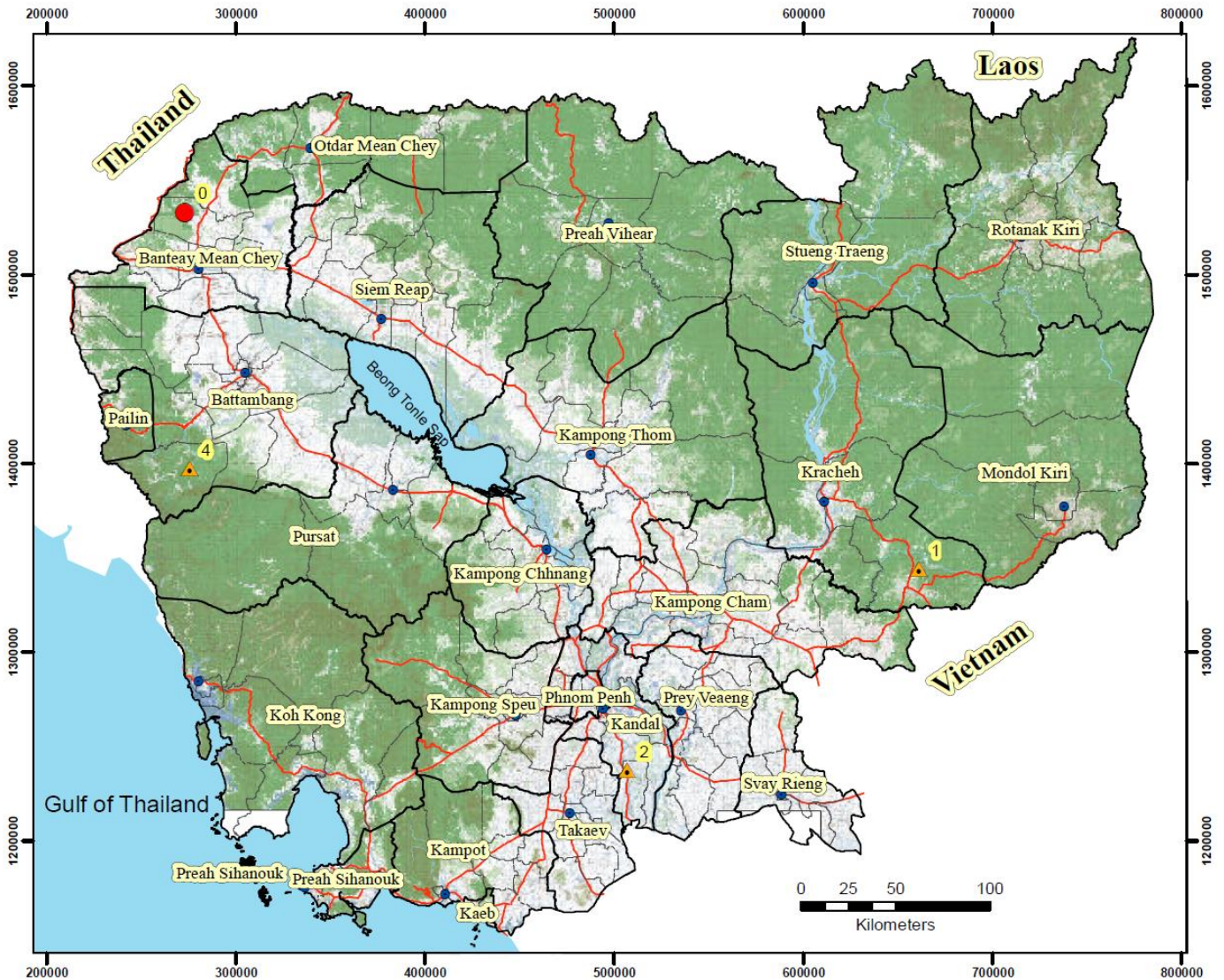
Activity at the time of accident for April 2018










6- Impact of accident area for the period of April 2017 to April 2018 (82 casualties)

- 05 most affected provinces represent for **59%** of total casualties.
 - 10 most affected districts represent for **57%** of total casualties.
 - 10 most affected communes represent for **46%** of total casualties.
- For detailed information, please see on page 7.

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

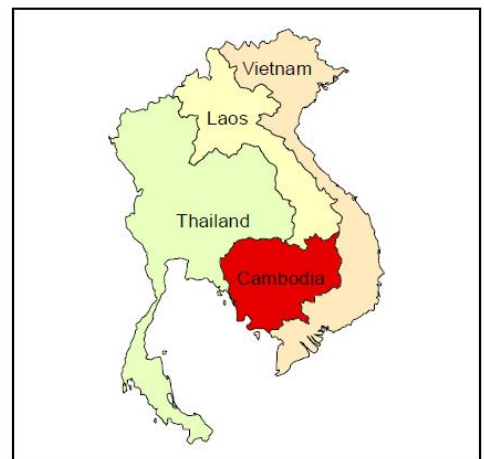


Legend

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



Scale 1:3,200,000



Produced by CMVIS, May 2018

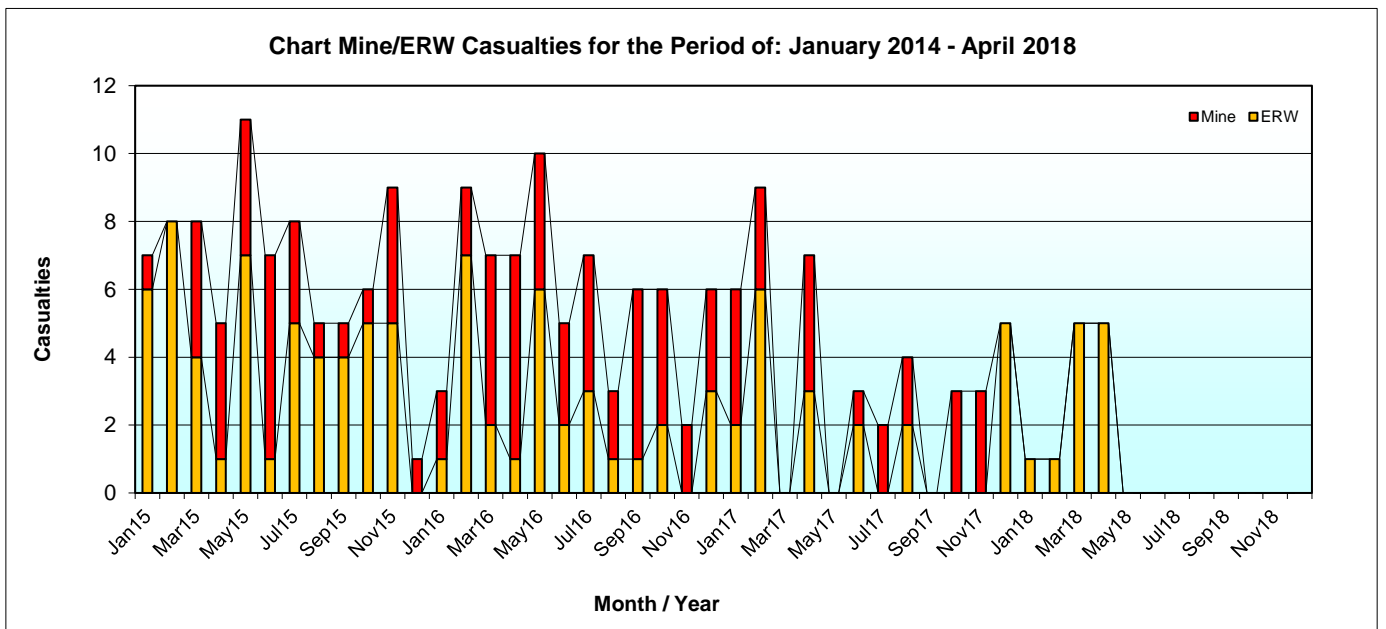
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2015 - April 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									24
monthly change +/- from 2017	-3	-4	5	0									
monthly change % from 2017	-38	-36	100	0									
<i>Running Total 2018</i>	5	12	17	24									
% change 2017 to 2018	-37.5	-36.8	-10.5	-7.7									

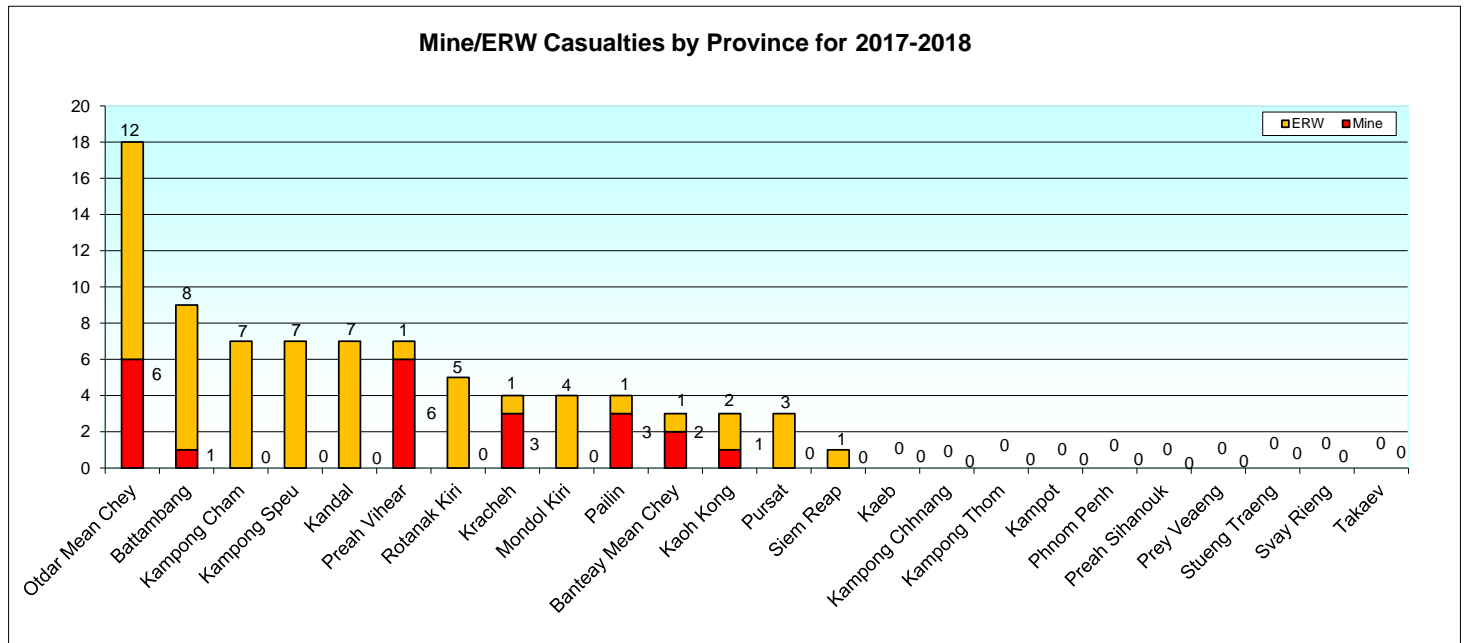
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2017 - Apr2018

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	22	22	
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	0	5	9	27	11	33
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	7	34	8.5	41	
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	41	8.5	50
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	48	8.5	59	
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	55	8.5	67	
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	2	5	60	6.1	73	
Kracheh	0	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	64	4.9	78	
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	0	2	4	68	4.9	83	
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	72	4.9	88	
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	1	3	75	3.7	91	
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	3	78	3.7	95	
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	81	3.7	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	1	1	82	1.2	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	82	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	82	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	82	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	82	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	82	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	82	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	82	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	82	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	82	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	82	0	100	
TOTAL	8	11	0	7	3	3	2	5	4	5	3	7	58	5	7	5	7	0	0	0	0	0	0	0	0	24	82				



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Apr2018

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	Kampong Cham	0	7	7	34
4	Kampong Speu	0	7	7	41
5	Kandal	0	7	7	48

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Apr2018

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Phnum Sruoch	Kampong Speu	0	7	7	7
2	Choam Khsant	Preah Vihear	6	1	7	14
3	Banteay Ampil	Otdar Mean Chey	5	0	5	19
4	Ou Ya Dav	Rotanak Kiri	0	4	4	23
5	Trapeang Prasat	Otdar Mean Chey	0	4	4	27
6	Kaoh Nheaek	Mondol Kiri	0	4	4	31
7	Anlong Veaeng	Otdar Mean Chey	0	4	4	35
8	Samlout	Battambang	0	4	4	39
9	Snuol	Kracheh	3	1	4	43
10	Kandal Stueng	Kandal	0	4	4	47

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Apr2018

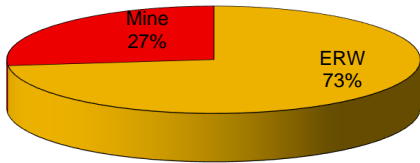
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Moha Sang	Phnum Sruoch	Kampong Speu	0	5	5	5
2	Anlong Veaeng	Anlong Veaeng	Otdar Mean Chey	0	4	4	9
3	Barku	Kandal Stueng	Kandal	0	4	4	13
4	Choam Ksant	Choam Khsant	Preah Vihear	4	0	4	17
5	Ya Tung	Ou Ya Dav	Rotanak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

OVERVIEW OF MINE/ERW ACCIDENTS

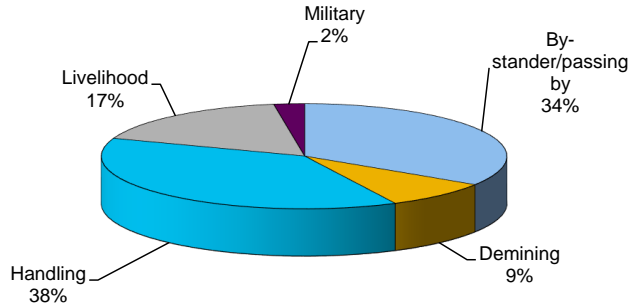
Jan2017 - Apr2018

Total Number of Casualties during Reporting Period: 82

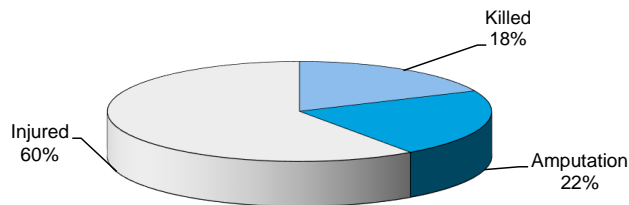
Mine/ERW Distribution



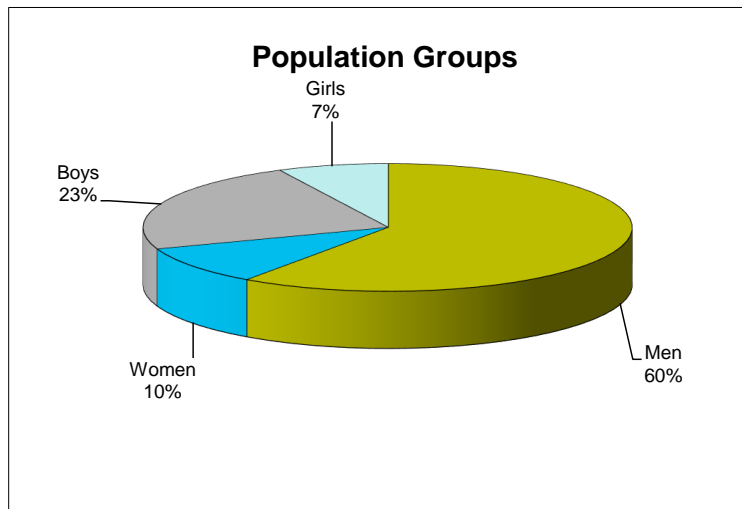
Cause of Casualty



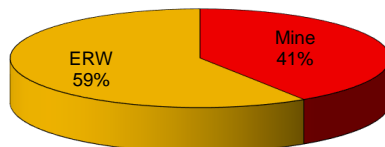
Casualty Types



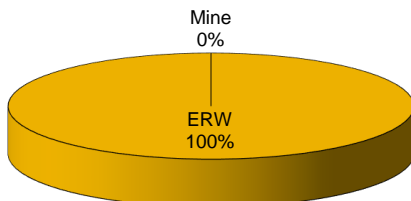
MINE/ERW ACCIDENT OVERVIEW



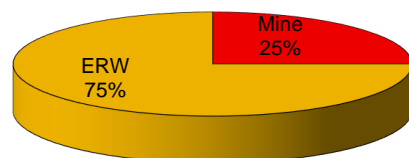
Men



Children



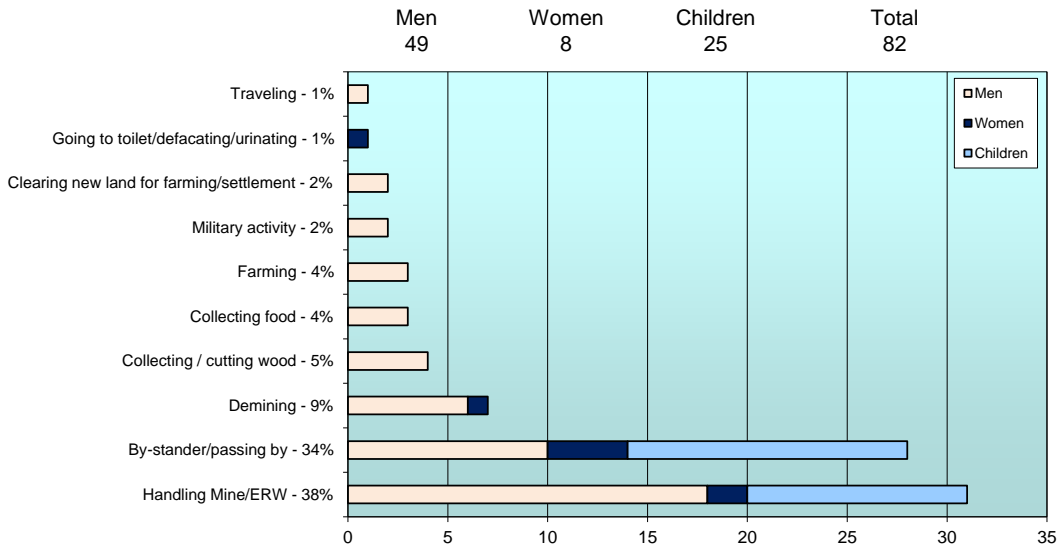
Women



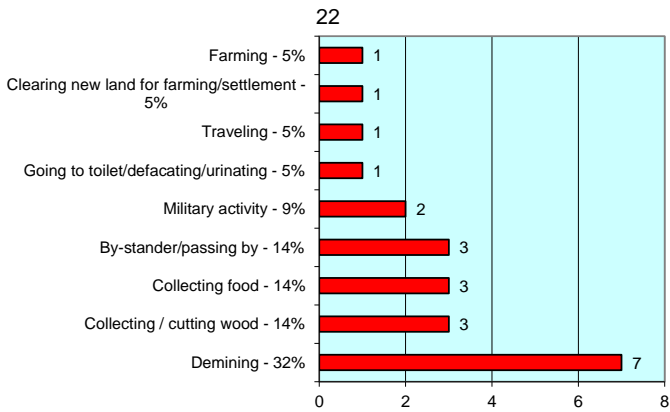
Jan2017 - Apr2018

Number of accidents during Reporting Period: **82**

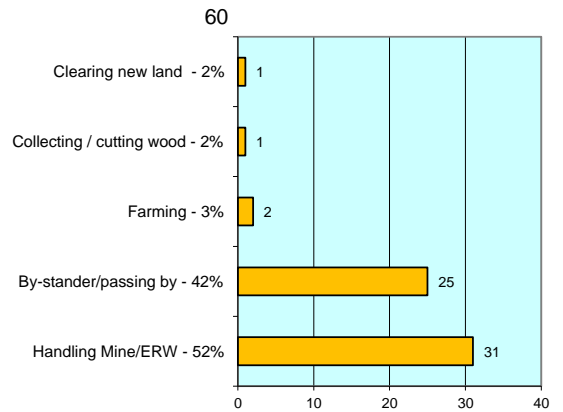
Cause of Accident by Total Population Group



Activities - Mines

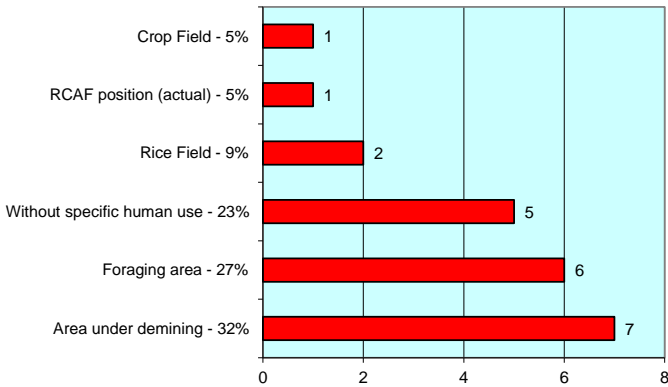


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

