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CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
FEBRUARY 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 February 2017

For the period of 1979 to February 2017, a total of **64681** mine/ERW casualties were recorded by CMVIS data gatherers. Of the 64681 casualties:

- 51047 (79%) were mine casualties and 13634 (21%) were ERW casualties.
- 19751 (31%) people killed, 35917 (55%) people injured and 9013 (14%) people amputated.
- 52438 (81%) casualties were men, 6025 (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 February 2017

From January to February 2017, **12 mine/ERW accidents** were provisionally recorded. This figure for January to February 2017 represents a decrease of **20%** compared with 15 mine/ERW accidents reported from January to February 2016. Of the 12 mine/ERW accidents, 6 (50%) were mine accidents and 6 (50%) were ERW accidents.

3- Casualty Summary for January to February 2016

From January to February 2016, **19 Mine/ERW casualties** were provisionally recorded. This figure for January to February 2017 represents an increase of **6%** compared with 18 casualties reported from January to February 2016. Of the 19 casualties:

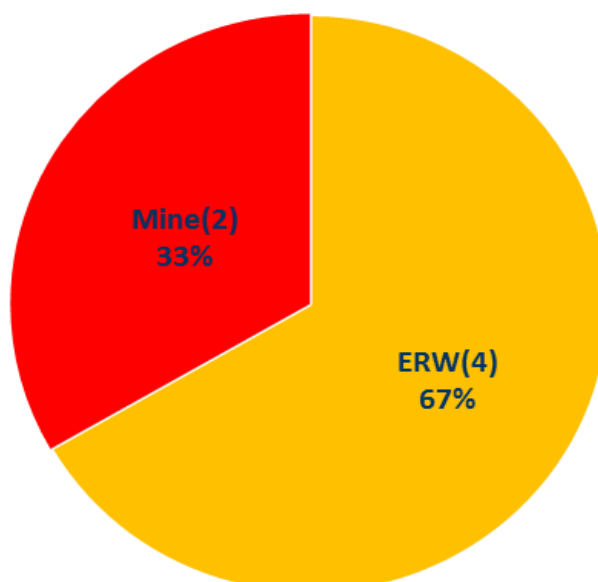
- 7 (37%) people killed or injured by mines and 12 (63%) resulted from 6 ERW accidents.
- 3 (16%) people killed, 11 (58%) people injured and 5 (26%) people amputated.
- 15 (78%) casualties were men, 2 (11%) casualties were boys (age<18), and 2(11%) casualties were women.

4- Accident Summary for February 2017

In February 2017, **6 Mine/ERW accidents** were provisionally recorded in provinces of: Otdar Meanchey, Rotanak Kiri, Preah Vihear, and Kaoh Kong (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 2017 represents a decrease 33% compared with 9 mine/ERW accidents reported in February 2016.

- **Type of explosive ordnance**

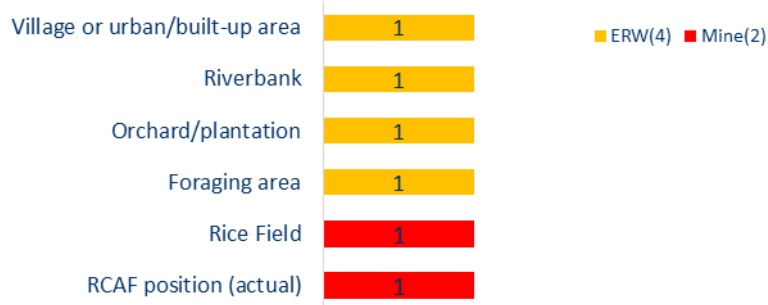
Number of accidents caused by mines and ERW



• **Information about accident area**

- 1 accident occurred in RCAF position
- 1 accident occurred in Rice field area
- 1 accident occurred in Foraging area
- 1 accident occurred in Orchard/plantation area
- 1 accident occurred in Riverbank area
- 1 accident occurred in Without specific human use area

Information on the accident area for February 2017



5- Casualty Summary for February 2017

In February 2017, **11 Mine/ERW casualties** were provisionally recorded. This figure for February 2017 represents an increase of **10%** compared with 10 casualties reported in February 2016. Of the 11 casualties:

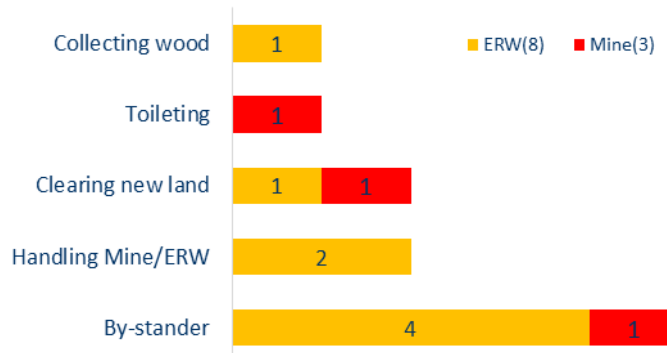
- 8 (73%) people killed or injured by mines and 3 (27%) resulted from 4 ERW accidents.
- 1 (9%) people killed, 8 (73%) people injured, and 2 (18%) people amputated.
- 9 (82%) casualties were men, 1 (9%) casualty was a boy (age<18), and 1 (9%) casualty was a woman.

• **Activity at the time of accident**

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

- By-stander activities (5 casualties)
- Handling Mine/ERW activities (2 casualties)
- Clearing new land activities (2 casualties)
- Go to toileting activity (1 casualty)
- Collecting wood activity (1 casualty).

Activity at the time of accident for February 2017

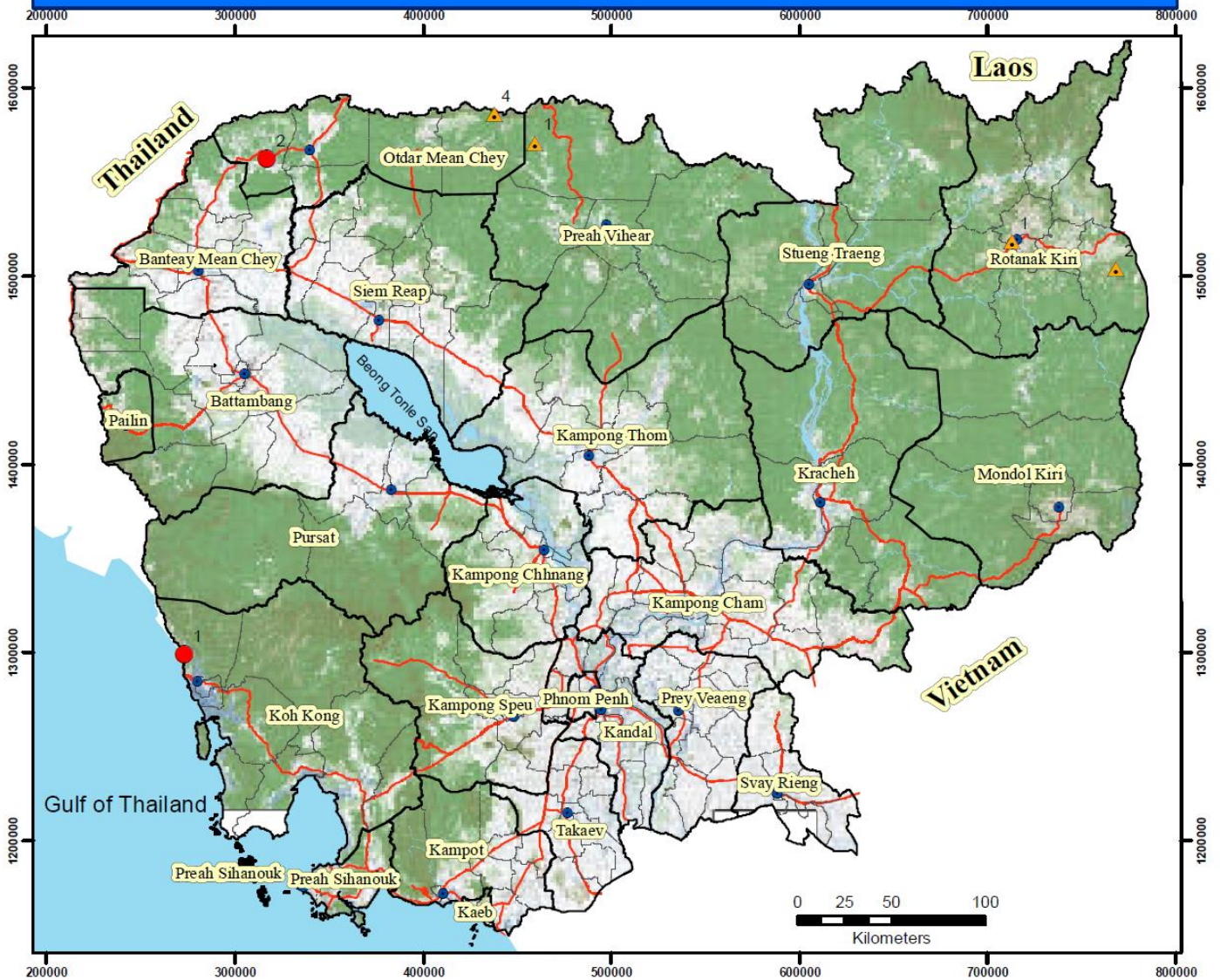


6- Impact of accident area for the period of January 2016 to February 2017 (102 casualties)

- 05 most affected provinces represent for **65%** of total casualties.
- 10 most affected districts represent for **52%** of total casualties.
- 10 most affected communes represent for **33%** of total casualties.

For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in February 2017
Accidents: 06, Casualties 11

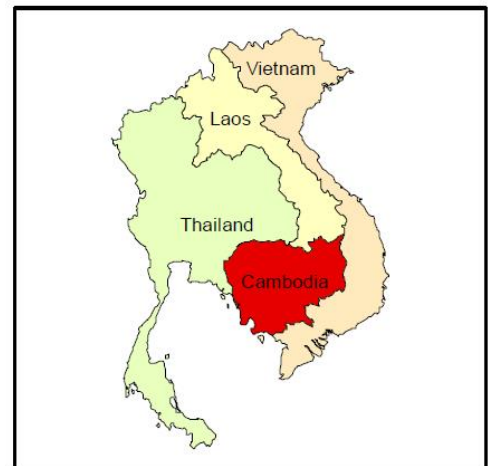


Legend

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



Scale 1:3,200,000



Produced by CMVIS, Mar 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: ketva@cmaa.gov.kh

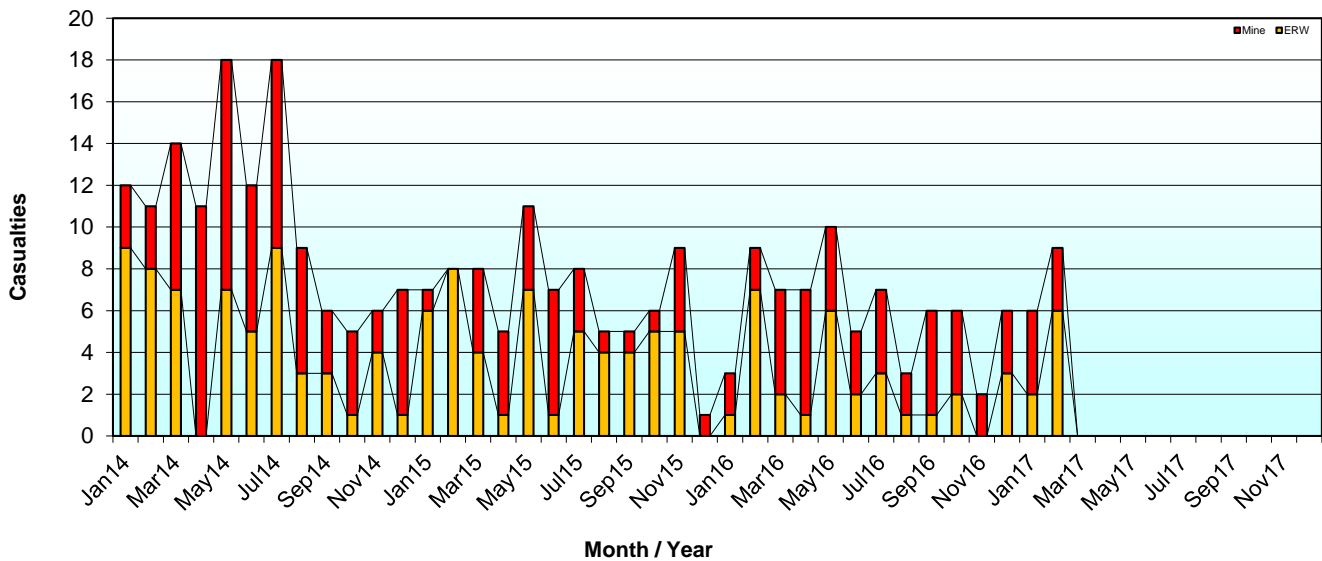
Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2014 - February 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											19
monthly change +/- from 2016	0	1											
monthly change % from 2016	0	10											
<i>Running Total 2017</i>	8	19											
% change 2016 to 2017	0	5.6											

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

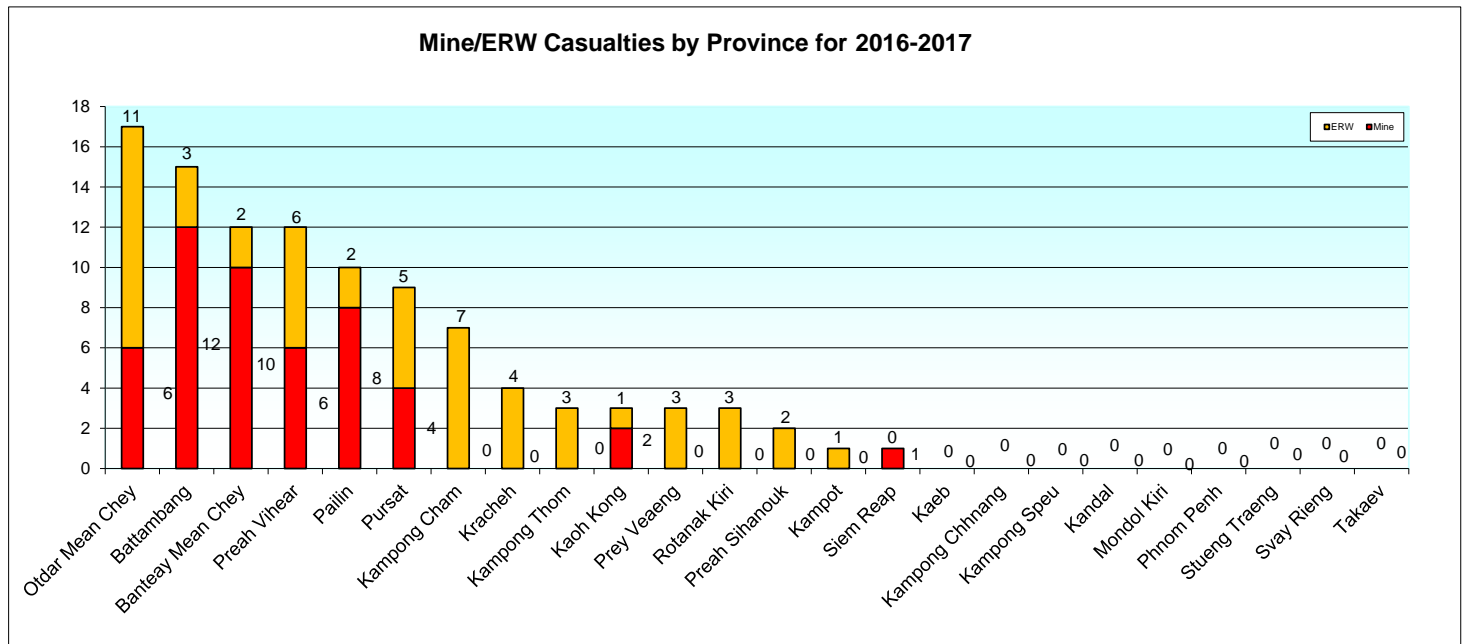
Chart Mine/ERW Casualties for the Period of: January 2014 - February 2017



Monthly Mine/ERW Accident Casualties: Jan2016 - Feb2017

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

Province	2016												2017												Total 2016-2017	Cum. Total	% of Total	Cum. %		
	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17						
Otdar Mean Chey	0	0	2	1	4	0	0	0	0	1	0	1	9	2	6	0	0	0	0	0	0	0	0	0	8	17	17	16.7	17	
Battambang	3	1	3	0	1	0	1	1	2	1	0	2	15	0	0	0	0	0	0	0	0	0	0	0	0	0	15	32	14.7	31
Banteay Mean Chey	0	3	1	1	2	2	0	1	1	0	0	0	11	1	0	0	0	0	0	0	0	0	0	0	1	12	44	11.8	43	
Preah Vihear	0	0	0	4	0	4	0	1	1	0	1	0	11	0	1	0	0	0	0	0	0	0	0	0	1	12	56	11.8	55	
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	3	10	66	9.8	65	
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	2	9	75	8.8	74	
Kampong Cham	2	0	0	0	0	0	3	0	0	2	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7	82	6.9	80	
Kracheh	1	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	0	4	86	3.9	84	
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	1	3	89	2.9	87	
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	3	92	2.9	90	
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	3	95	2.9	93	
Rotanak Kiri	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	3	98	2.9	96	
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	2	100	2	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	1	101	1	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	1	102	1	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	102	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	102	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	102	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	102	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	102	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	102	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	102	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	102	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	102	0	100
TOTAL	8	10	7	8	11	7	8	4	6	6	2	6	83	8	11	0	0	0	0	0	0	0	0	0	0	19	102			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Feb2017

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	6	11	17	17
2	Battambang	12	3	15	32
3	Banteay Mean Chey	10	2	12	44
4	Preah Vihear	6	6	12	56
5	Pailin	8	2	10	66

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Feb2017

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	6	2	8	8
2	Trapeang Prasat	Otdar Mean Chey	1	6	7	15
3	Samlout	Battambang	6	0	6	21
4	Sala Krau	Pailin	4	2	6	27
5	Thma Puok	Banteay Mean Chey	5	1	6	33
6	Phnum Kravanh	Pursat	0	5	5	38
7	Pailin	Pailin	4	0	4	42
8	Samraong	Otdar Mean Chey	1	3	4	46
9	Veal Veang	Pursat	4	0	4	50
10	Preah Sdach	Prey Veang	0	3	3	53

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Feb2017

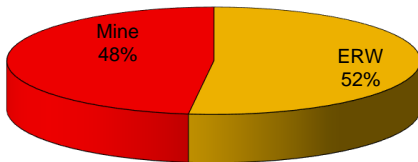
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	1	4	5	5
2	Ba Yakha	Pailin	Pailin	4	0	4	9
3	Tuek Kraham	Choam Khsant	Preah Vihear	3	1	4	13
4	Bak Chenhchien	Phnum Kravanh	Pursat	0	3	3	16
5	Choam	Memot	Kampong Cham	0	3	3	19
6	Bak Khlang	Mondol Seima	Kaoh Kong	2	1	3	22
7	Rumchek	Preah Sdach	Prey Veang	0	3	3	25
8	Srae Char	Snuol	Kracheh	0	3	3	28
9	Thma Da	Veal Veang	Pursat	3	0	3	31
10	Kouk Romiet	Thma Puok	Banteay Mean Chey	2	1	3	34

OVERVIEW OF MINE/ERW ACCIDENTS

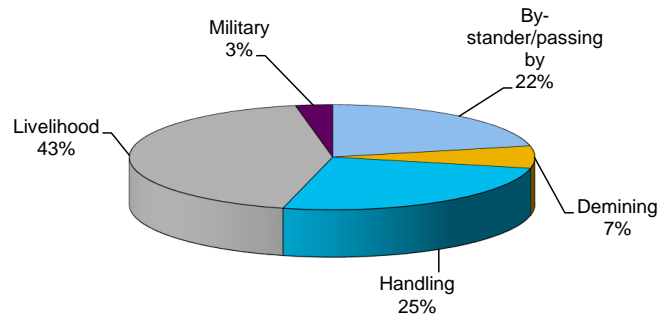
Jan2016 - Feb2017

Total Number of Casualties during Reporting Period: 102

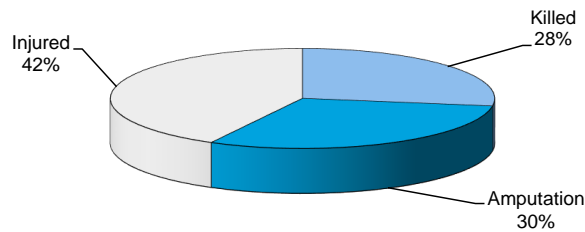
Mine/ERW Distribution



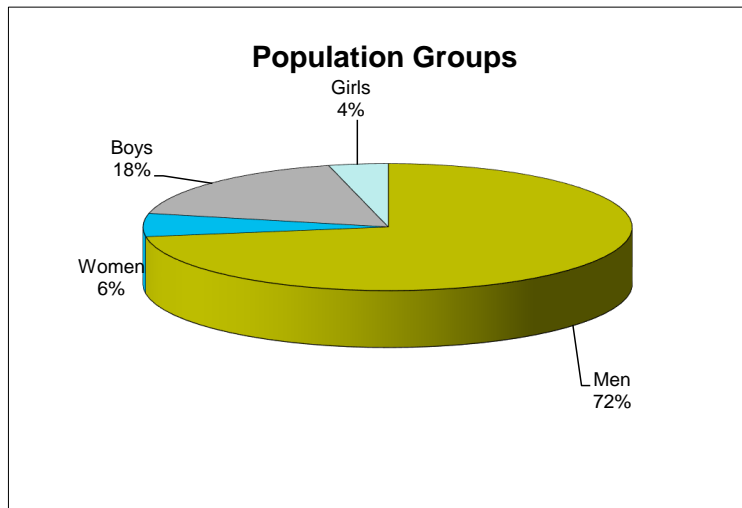
Cause of Casualty



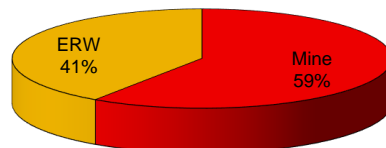
Casualty Types



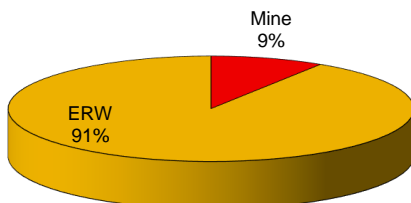
MINE/ERW ACCIDENT OVERVIEW



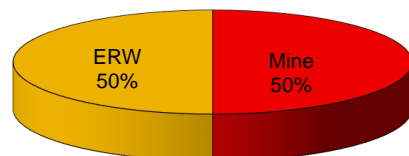
Men



Children



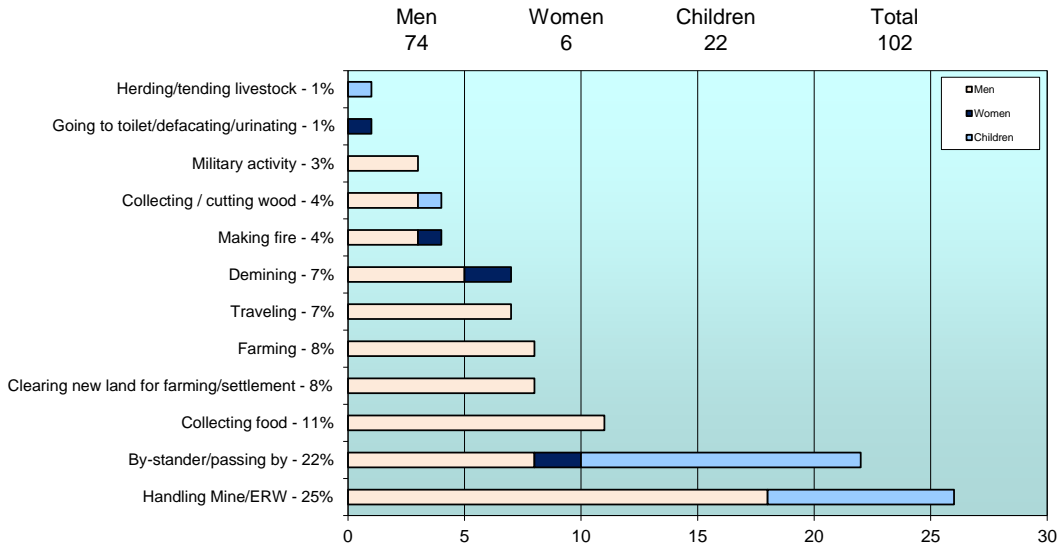
Women



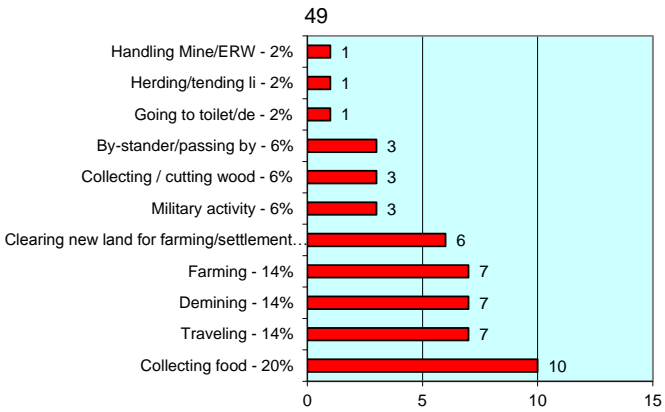
Jan2016 - Feb2017

Number of accidents during Reporting Period: **102**

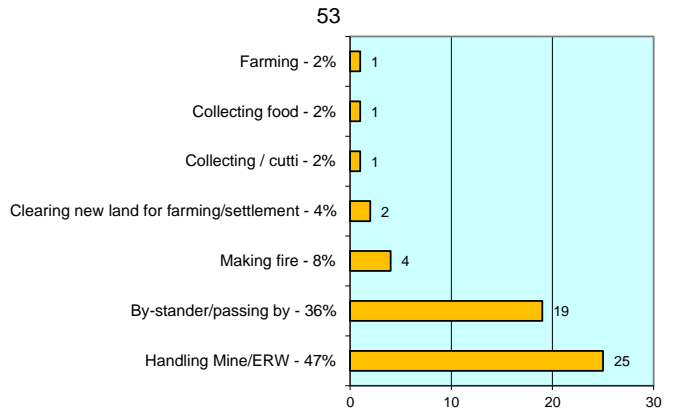
Cause of Accident by Total Population Group



Activities - Mines

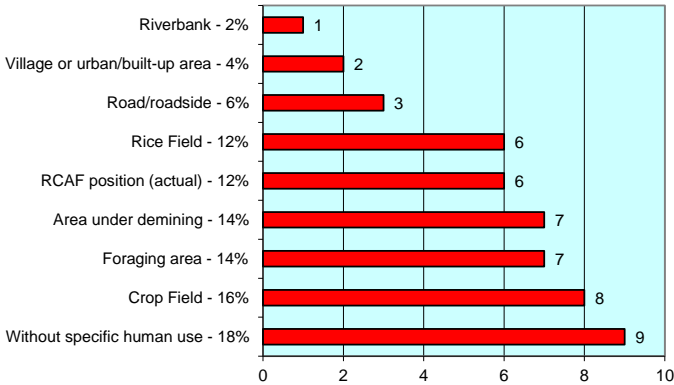


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

