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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
DECEMBER 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 December 2017

For the period of 1979 to December 2017, a total of **64720** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64720 casualties:

- 51062 (79%) were mine casualties and 13658 (21%) were ERW casualties.
- 19758 (31%) people killed, 35941 (55%) people injured and 9021 (14%) people amputated.
- 52458 (81%) casualties were men, 6037 (9%) casualties were boys (age<18), 4774 (8%) casualties were women, 1388 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

2- Accident Summary for January to December 2017

From January to December 2017, **39 mine/ERW accidents** were provisionally recorded. This figure for January to December 2017 represents a decrease of **46%** compared with 72 mine/ERW accidents reported from January to December 2016. Of the 36 mine/ERW accidents, 20 (51%) were mine accidents and 19 (49%) were ERW accidents.

3- Casualty Summary for January to December 2017

From January to December 2017, **58 Mine/ERW casualties** were provisionally recorded. This figure for January to December 2017 represents a decrease of **30%** compared with 83 casualties reported from January to December 2016. All of the 58 casualties:

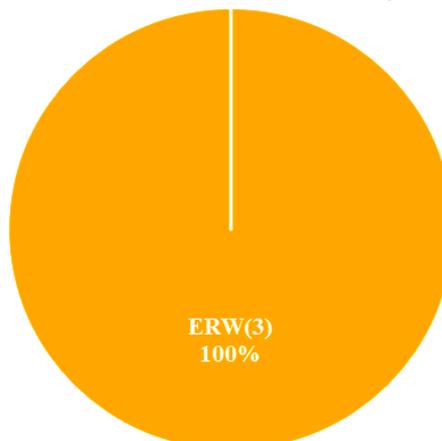
- 22 (38%) were mines casualties and 36 (62%) were ERW casualties.
- 10 (17%) people killed, 35 (60%) people injured and 13 (23%) people amputated.
- 35 (60%) casualties were men, 14 (24%) casualties were boys (age<18), 5 (9%) casualties were women, 4 (7%) casualty was a girl (age<18).

4- Accident Summary for December 2017

In December 2017, **3 ERW accidents** were provisionally recorded in Otdar Meanchey, Battambang and Kampong Cham 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 December 2017 is similar with 3 Mine/ERW accidents reported in December 2016.

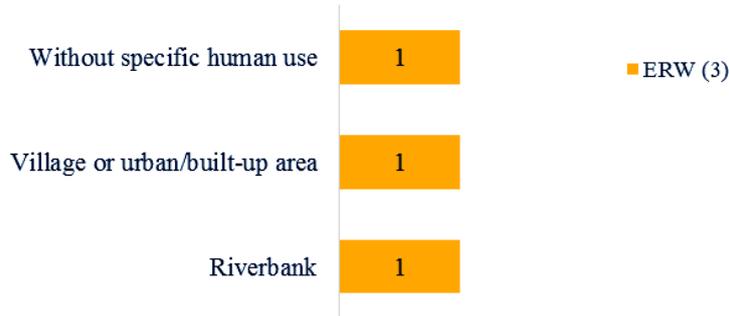
- **Type of explosive ordnance**

Number of accidents caused by ERW



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

Information on the accident area for December 2017



5- Casualty Summary for December 2017

In December 2017, **7 ERW casualties** were provisionally recorded. This figure for December 2017 is a increase of **130%** compared with 3 casualties reported in December 2016.

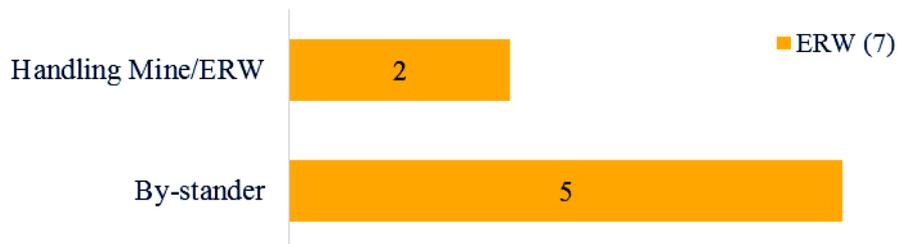
- 7 (100%) people by 3 ERW accidents.
- 1 (14%) people killed, 5 (72%) people injured, and 1 (14%) people amputated.
- 2 (29%) casualties were men, 1 (14%) casualty was a boys, 2 (29%) casualties were girls, and 2 (29%) casualties were women.

- **Activity at the time of accident**

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

- By-stander activity (5 casualties)
- Handling activity (2 casualty).

Activity at the time of accident for December 2017

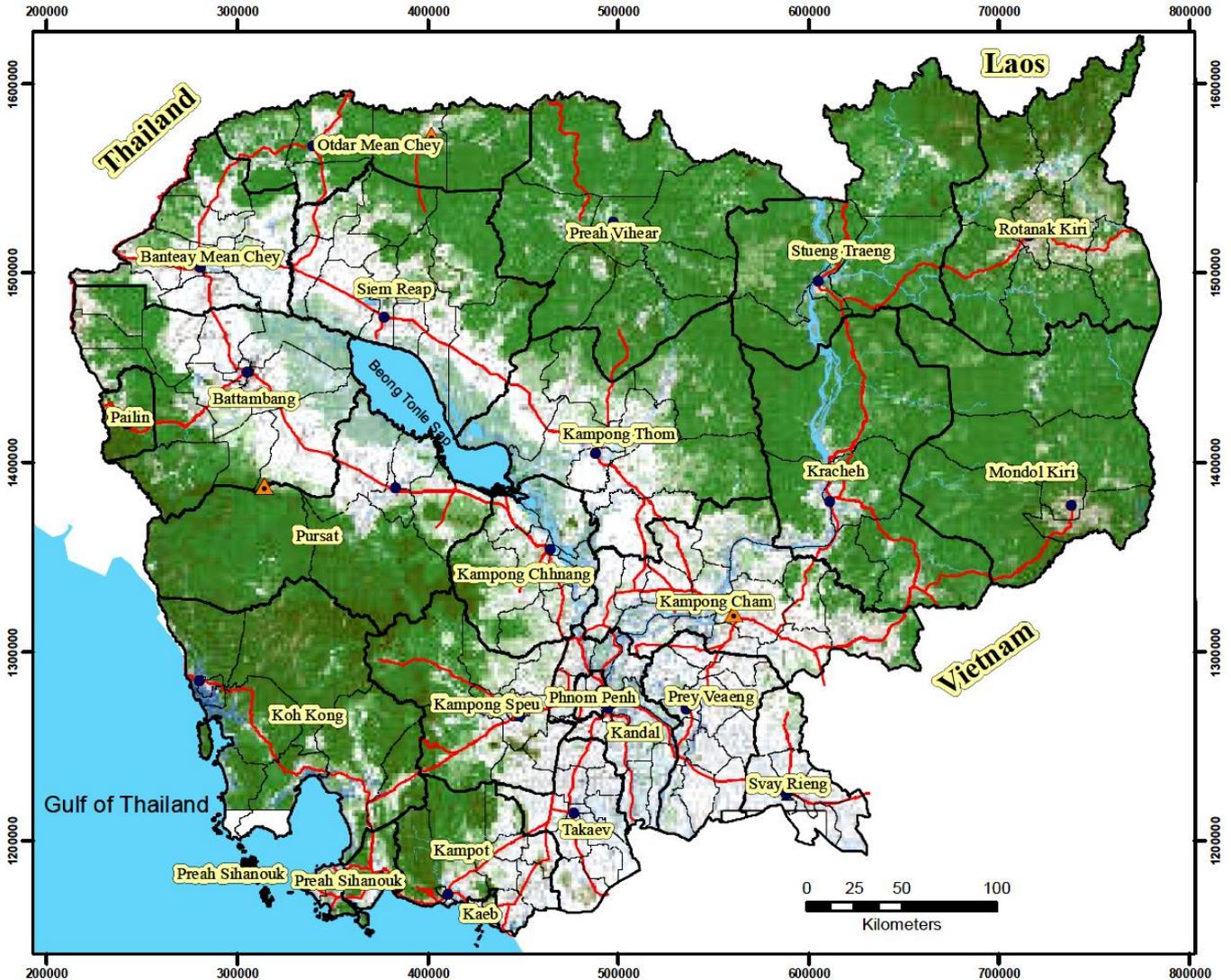


6- Impact of accident area for the period of January 2016 to December 2017 (141 casualties)

- 05 most affected provinces represent for **64%** of total casualties.
- 10 most affected districts represent for **48%** of total casualties.
- 10 most affected communes represent for **29%** of total casualties.

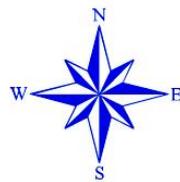
For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in December 2017
Accidents: 03, Casualties 07

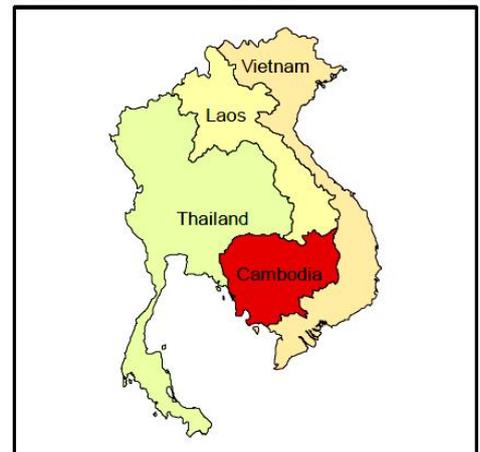


Legend

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



Scale 1:3,200,000



Produced by CMVIS, Jan 2018

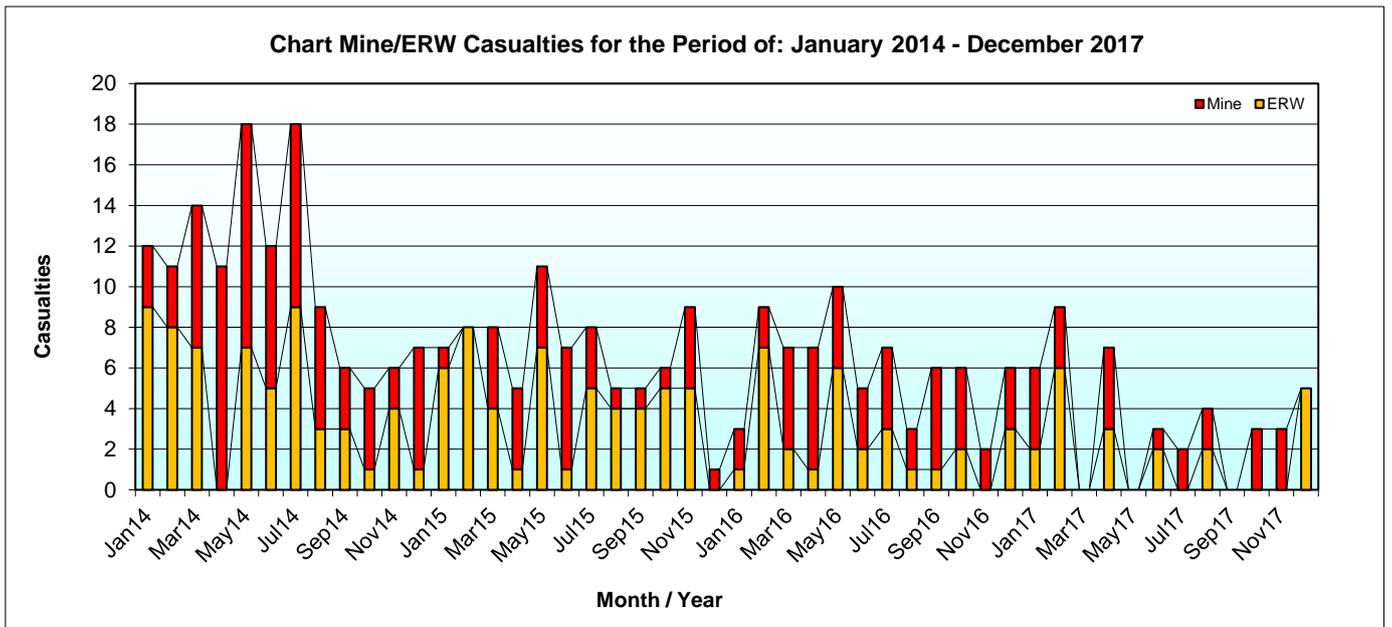
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2014 - December 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	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	5.6	-24	-21.2	-34.1	-37.3	-42.4	-38.1	-37.7	-36	-33.8	-30.1	

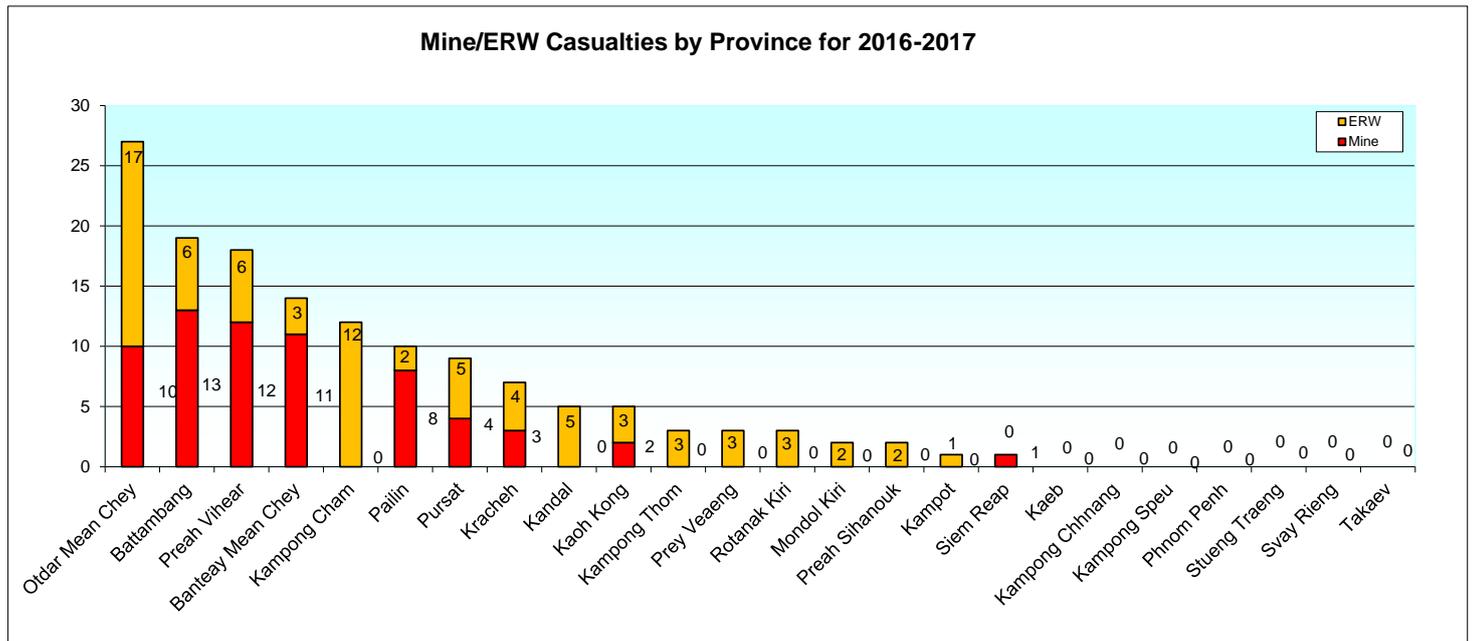
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2016 - Dec2017

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	1	1	0	1	0	3	0	4	18	27	27	19.1	19
Battambang	3	1	3	0	1	0	1	1	2	1	0	2	15	0	0	0	0	0	1	1	1	0	0	0	2	4	19	46	13.5	33
Preah Vihear	0	0	0	4	0	4	0	1	1	0	1	0	11	0	1	0	4	0	0	1	1	0	0	0	0	7	18	64	12.8	45
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	3	14	78	9.9	55
Kampong Cham	2	0	0	0	0	3	0	0	2	0	0	7	0	0	0	2	2	0	0	0	0	0	0	1	5	12	90	8.5	64	
Pailin	0	2	0	0	0	2	0	1	1	1	0	7	3	0	0	0	0	0	0	0	0	0	0	0	3	10	100	7.1	71	
Pursat	0	2	1	2	0	0	1	0	0	1	0	7	2	0	0	0	0	0	0	0	0	0	0	0	2	9	109	6.4	77	
Kracheh	1	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	3	0	3	7	116	5	82	
Kandal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	0	5	5	121	3.5	86	
Kaoh Kong	0	0	0	0	0	0	0	1	1	0	0	2	0	1	0	0	0	0	0	0	0	2	0	0	3	5	126	3.5	89	
Kampong Thom	0	2	0	0	0	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	129	2.1	91	
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	132	2.1	94	
Prey Veaeang	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	135	2.1	96	
Mondol Kiri	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	137	1.4	97	
Preah Sihanouk	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	139	1.4	99	
Siem Reap	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	140	0.7	99	
Kampot	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	1	141	0.7	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	141	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	141	0	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	141	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	141	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	141	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	141	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	141	0	100	
TOTAL	8	10	7	8	11	7	8	4	6	6	2	6	83	8	11	0	7	3	3	2	5	4	5	3	7	58	141			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Dec2017

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	10	17	27	27
2	Battambang	13	6	19	46
3	Preah Vihear	12	6	18	64
4	Banteay Mean Chey	11	3	14	78
5	Kampong Cham	0	12	12	90

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Dec2017

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	12	2	14	14
2	Trapeang Prasat	Otdar Mean Chey	1	6	7	21
3	Samlout	Battambang	6	0	6	27
4	Sala Krau	Pailin	4	2	6	33
5	Samraong	Otdar Mean Chey	2	4	6	39
6	Snuol	Kracheh	3	3	6	45
7	Anlong Veang	Otdar Mean Chey	2	4	6	51
8	Thma Puok	Banteay Mean Chey	5	1	6	57
9	Phnum Kravanh	Pursat	0	5	5	62
10	Banteay Ampil	Otdar Mean Chey	5	0	5	67

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Dec2017

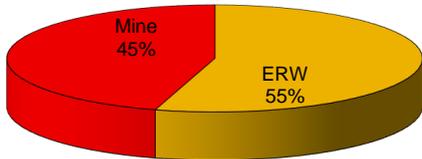
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Choam Ksant	Choam Khsant	Preah Vihear	6	0	6	6
2	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	1	4	5	11
3	Anlong Veang	Anlong Veang	Otdar Mean Chey	1	4	5	16
4	Barku	Kandal Stueng	Kandal	0	4	4	20
5	Ba Yakha	Pailin	Pailin	4	0	4	24
6	Kantuot	Choam Khsant	Preah Vihear	3	1	4	28
7	Tuek Kraham	Choam Khsant	Preah Vihear	3	1	4	32
8	Chhnal Moan	Koas Krala	Battambang	2	1	3	35
9	Svay Chreah	Snuol	Kracheh	3	0	3	38
10	Rumchek	Preah Sdach	Prey Veang	0	3	3	41

OVERVIEW OF MINE/ERW ACCIDENTS

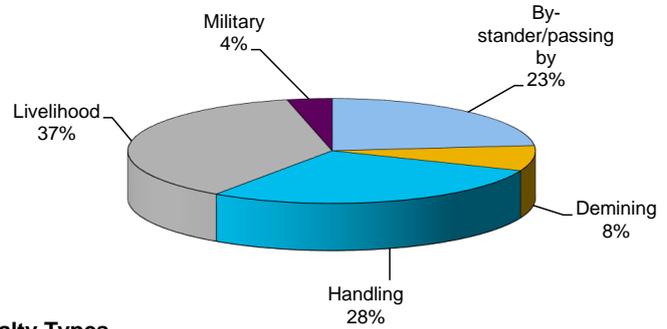
Jan2016 - Dec2017

Total Number of Casualties during Reporting Period: 141

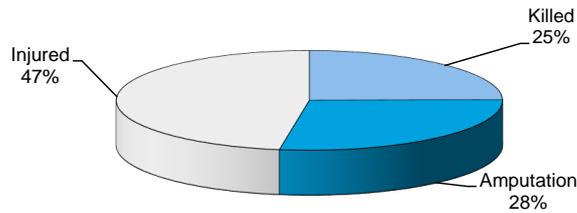
Mine/ERW Distribution



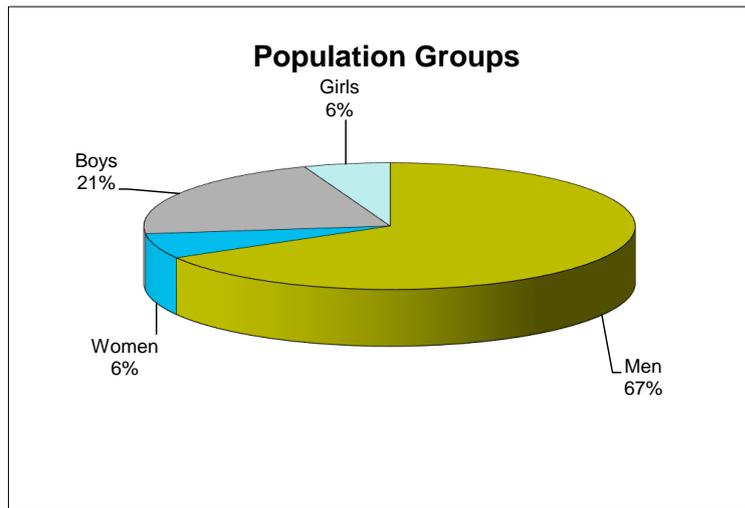
Cause of Casualty



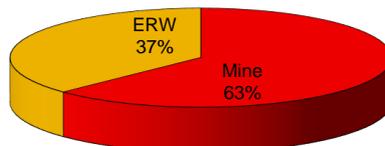
Casualty Types



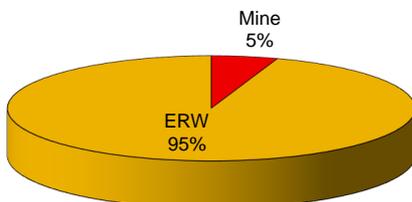
MINE/ERW ACCIDENT OVERVIEW



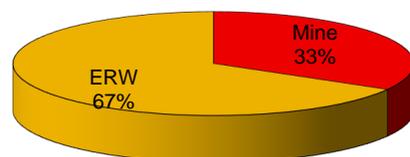
Men



Children



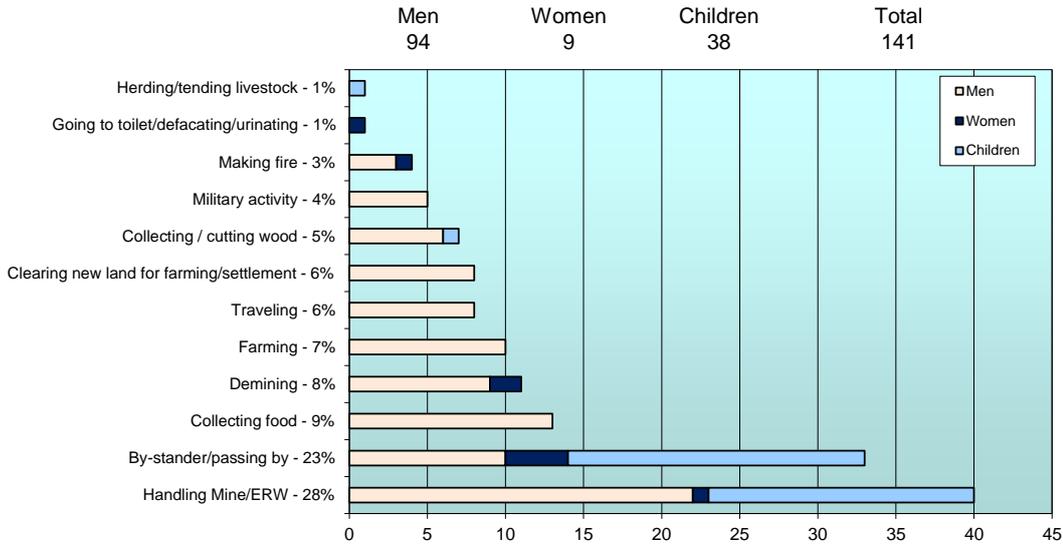
Women



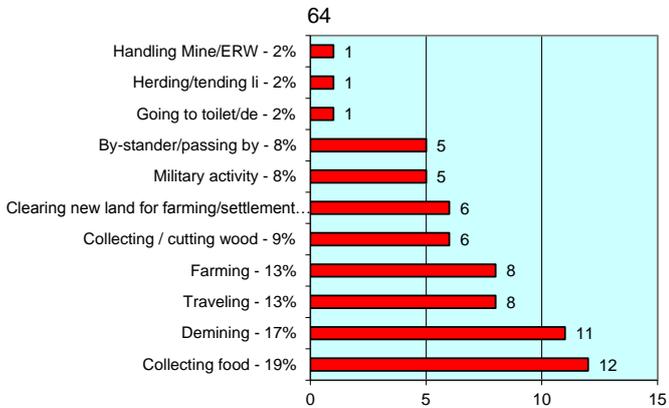
Jan2016 - Dec2017

Number of accidents during Reporting Period: **141**

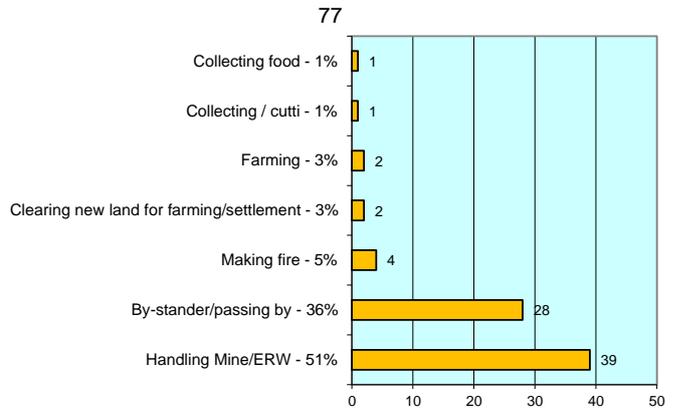
Cause of Accident by Total Population Group



Activities - Mines

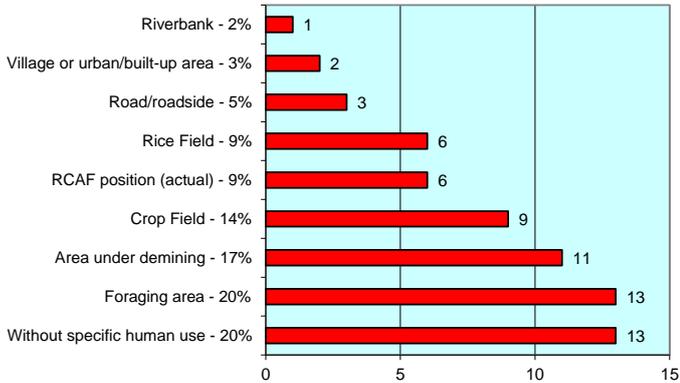


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

