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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
APRIL 2020**

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 January 1979 to April 2020

For the period of January 1979 to April 2020, a total of **64874** mine/ERW casualties were recorded by CMVIS data gatherers.

All of the 64874 casualties:

- 51105 (79%) were mine casualties and 13769 (21%) were ERW casualties.
- 19784 (31%) people killed, 36035 (55%) people injured and 9055 (14%) people amputated.
- 52559 (81%) casualties were men, 6073 (9%) casualties were boys (age<18), 4789 (8%) casualties were women, 1390 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

2- Accident Summary from January to April 2020

From January to April 2020, **16 mine/ERW accidents** were provisionally recorded. This figure for January to April 2020 represents a decrease of 38% compared with 26 mine/ERW accidents reported the same periods in 2019. Of the 16 mine/ERW accidents, 7 (44%) were mine accidents and 9 (56%) were ERW accidents.

3- Casualty Summary for January to April 2020

From January to April 2020, **19 mine/ERW casualties** were provisionally recorded. This figure represents a decrease of 60% compared with 47 mine/ERW casualties reported from January to April 2019.

All of the 19 casualties:

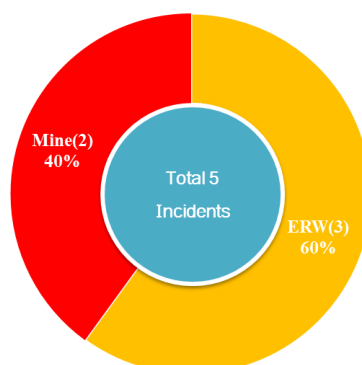
- 12 (63%) were ERW casualties, and 7 (37%) were mine casualties.
- 4 (21%) people killed, 9 (47%) people injured and 6 (32%) people amputated.
- 11 (58%) casualties were men, 6 (32%) casualties were boys (age<18), and 2 (10%) casualties were women.

4- Accident Summary for April 2020

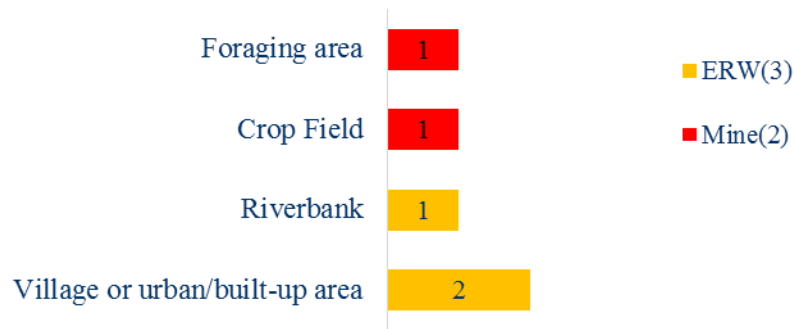
In April 2020, **5 Mine/ERW accidents** were provisionally recorded in Banteay Mean Chey, Battambang, Otdar Mean Chey, and Tboung Khmum provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine/ERW action agencies, relatives, families of casualties, or casualty's them-selves). The figure for April 2020 is an increased 67% compare with 3 accidents reported in April 2019. Of the 5 mine/ERW accidents, 2 (40%) were mine accidents and 3 (60%) were ERW accidents.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



- **Information about accident area for April 2020**



5- Casualty Summary for April 2020

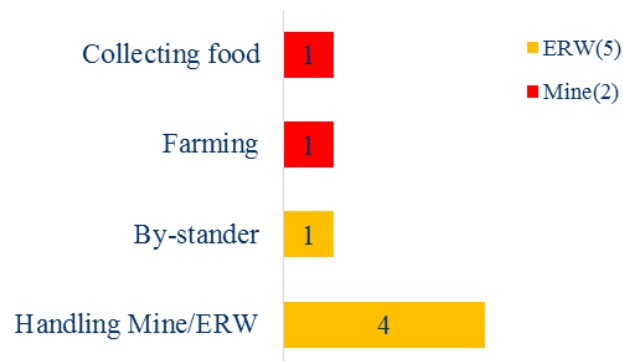
In April 2020, **7 Mine/ERW casualties** were provisionally recorded. This figure for April 2020 is an increased 133% compare with 3 casualties reported in April 2019.

Of the 7 casualties:

- 2 (29%) were mine casualties, and 5 (71%) were ERW casualties.
- 1 (14%) people killed, 5 (71%) people injured, and 1 (14%) people amputated.
- 2 (29%) casualties were men, 3 (42%) casualties were boys (age<18), and 2 (29%) casualties were women.

Activity at the time of accident

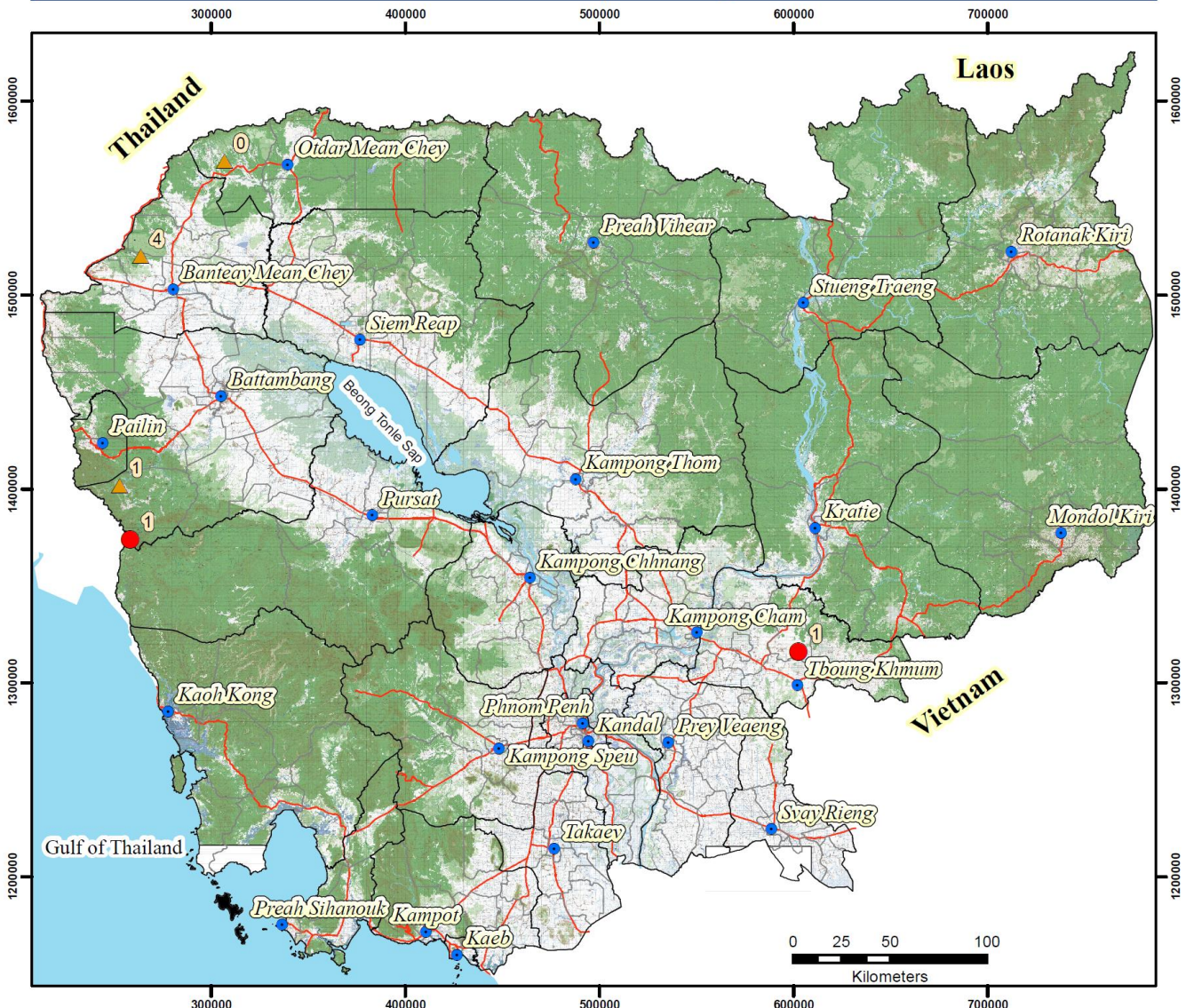
In April 2020, the activities caused people killed and injured by Mine/ERW were Handling Mine/ERW activity accounted for 4 (57%), By-stander activity accounted for 1 (14%), Farming activity accounted for 1 (14%), and Collecting food activity accounted for 1 (14%).



6- Impact of accident area for the period of January 2019 to April 2020 (96 casualties)

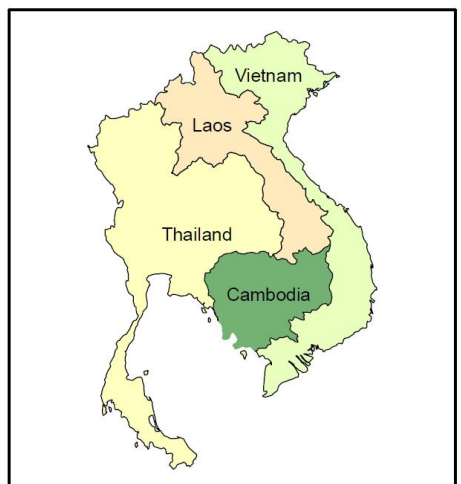
- 05 most affected provinces represent for **65%** of total casualties.
 - 10 most affected districts represent for **64%** of total casualties.
 - 10 most affected communes represent for **47%** of total casualties.
- For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in April 2020
Accident: 05, Casualty: 07



Legend

- ▲ ERW accident
- Mine accident
- Province_Centers
- Province Boundary
- District Boundary
- Water surface
- National Road



Produced by CMVIS, May 2020

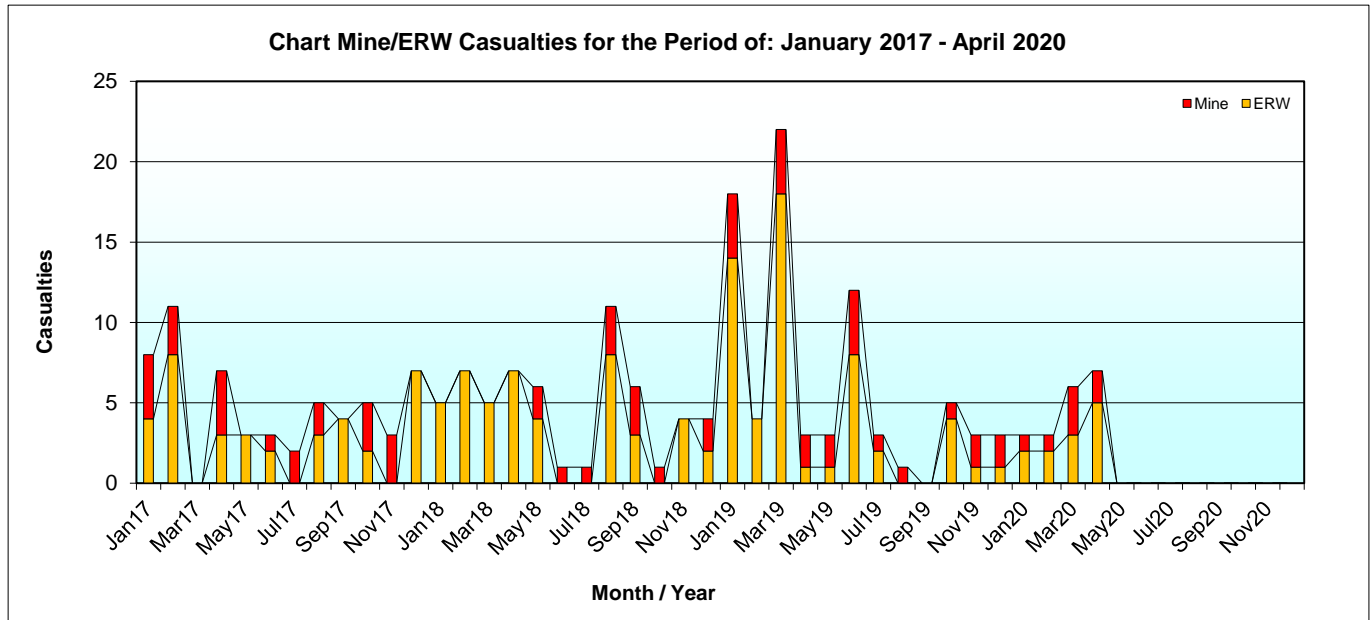
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2017 - April 2020

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
2017	8	11	0	7	3	3	2	5	4	5	3	7	58
<i>Running Total 2017</i>	8	19	19	26	29	32	34	39	43	48	51	58	
2018	5	7	5	7	6	1	1	11	6	1	4	4	58
<i>Running Total 2018</i>	5	12	17	24	30	31	32	43	49	50	54	58	
% change 2017 to 2018	-38	-37	-11	-8	3	-3	-6	10	14	4	6	0	
2019	18	4	22	3	3	12	3	1	0	5	3	3	77
monthly change +/- from 2018	13	-3	17	-4	-3	11	2	-10	-6	4	-1	-1	
monthly change % from 2018	260	-43	340	-57	-50	1100	200	-91	-100	400	-25	-25	
<i>Running Total 2019</i>	18	22	44	47	50	62	65	66	66	71	74	77	
% change 2018 to 2019	260	83	159	96	67	100	103	54	35	42	37	33	
2020	3	3	6	7									19
monthly change +/- from 2019	-15	-1	-16	4									
monthly change % from 2019	-83	-25	-73	133									
<i>Running Total 2020</i>	3	6	12	19									
% change 2019 to 2020	-83	-73	-73	-60									

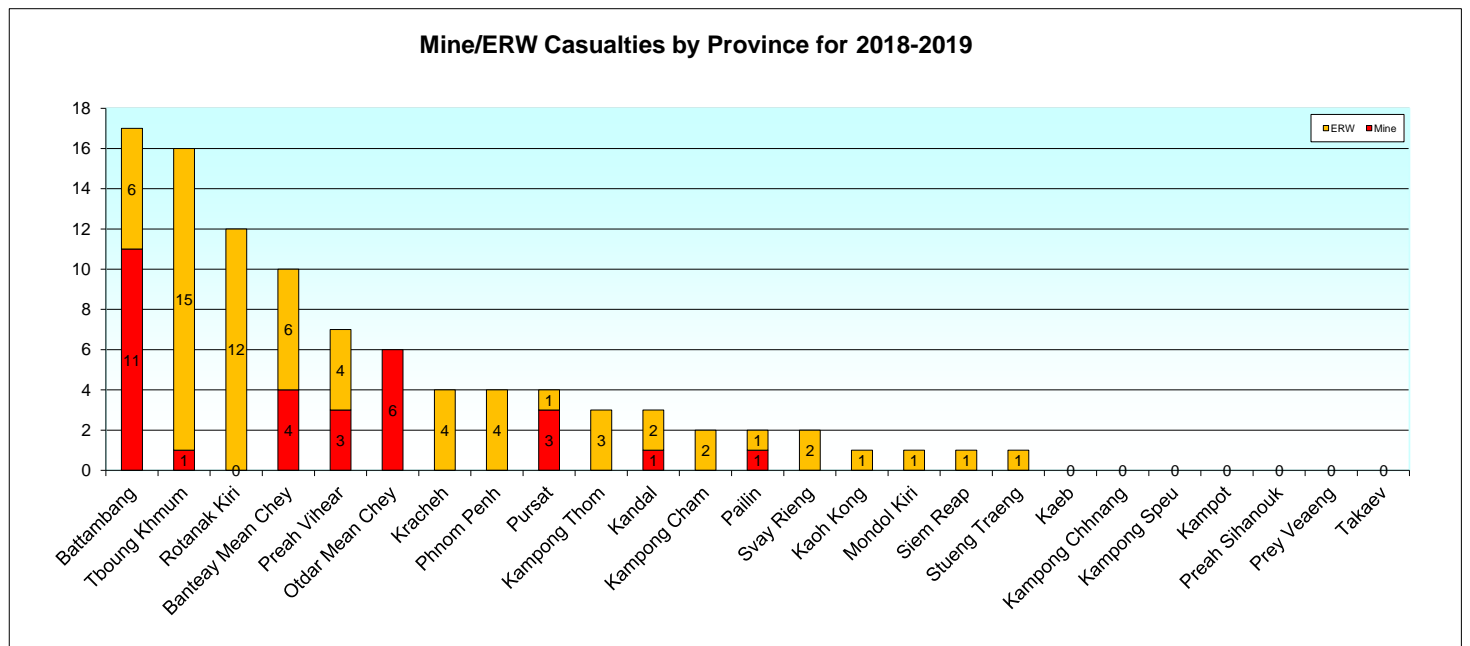
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2019 - Apr2020

Provinces ranked by Total Mine/ERW Casualties for 2019 - 2020

Province	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total 2019	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total 2020	Total 2019-2020	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.					
Battambang	2	2	2	1	0	1	1	0	0	0	0	2	11	2	0	2	2	0	0	0	0	0	0	0	0	6	17	17	17.7	18
Tboung Khmum	10	0	4	0	0	0	0	0	0	0	0	0	14	1	0	0	1	0	0	0	0	0	0	0	0	2	16	33	16.7	34
Rotanak Kiri	1	2	8	0	0	0	0	0	0	0	0	1	12	0	0	0	0	0	0	0	0	0	0	0	0	0	12	45	12.5	47
Banteay Mean Chey	2	0	2	0	1	0	0	0	0	0	1	0	6	0	0	0	4	0	0	0	0	0	0	0	0	4	10	55	10.4	57
Preah Vihear	2	0	0	2	0	2	0	0	0	0	0	0	6	0	1	0	0	0	0	0	0	0	0	0	0	1	7	62	7.3	65
Otdar Mean Chey	0	0	3	0	0	1	1	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	68	6.3	71
Kracheh	1	0	1	0	0	0	1	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	1	4	72	4.2	75
Phnom Penh	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	76	4.2	79
Pursat	0	0	1	0	0	0	0	1	0	1	0	0	3	0	0	1	0	0	0	0	0	0	0	0	0	1	4	80	4.2	83
Kandal	0	0	0	0	1	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	83	3.1	86
Kampong Thom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3	3	86	3.1	90
Pailin	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	88	2.1	92
Kampong Cham	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	90	2.1	94
Svay Rieng	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	92	2.1	96
Kaoh Kong	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	93	1	97
Siem Reap	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	0	1	94	1	98
Mondol Kiri	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	95	1	99
Stueng Traeng	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	96	1	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	96	0	100
Prey Veaeng	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	96	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	96	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	0	96	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	96	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	96	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	96	0	100
TOTAL	18	4	22	3	3	12	3	1	0	5	3	3	77	3	3	6	7	0	0	0	0	0	0	0	0	19	96			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Apr2020

Rank	Province	Mine	ERW	Total	Cumulative
		Casualties	Casualties	Casualties	Total
1	Battambang	11	6	17	17
2	Tboung Khmum	1	15	16	33
3	Rotanak Kiri	0	12	12	45
4	Banteay Mean Chey	4	6	10	55
5	Preah Vihear	3	4	7	62

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Apr2020

Rank	District	Province	Mine	ERW	Total	Cumulative
			Casualties	Casualties	Casualties	Total
1	Tboung Khmum	Tboung Khmum	0	12	12	12
2	Samlout	Battambang	8	2	10	22
3	Choam Khsant	Preah Vihear	3	4	7	29
4	Ou Ya Dav	Rotanak Kiri	0	6	6	35
5	Ou Chrov	Banteay Mean Chey	1	4	5	40
6	Ta Veang	Rotanak Kiri	0	5	5	45
7	Trapeang Prasat	Otdar Mean Chey	5	0	5	50
8	Veal Veang	Pursat	3	1	4	54
9	Ruessei Kaev	Phnom Penh	0	4	4	58
10	Snuol	Kracheh	0	3	3	61

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Apr2020

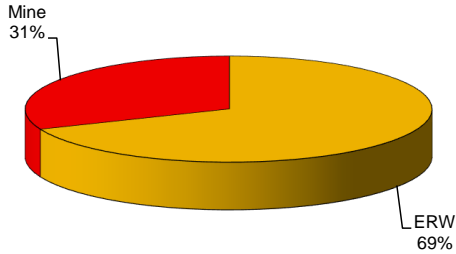
Rank	Commune	District	Province	Mine	ERW	Total	Cum.
				Casualties	Casualties	Casualties	Total
1	Chirou Muoy	Tboung Khmum	Tboung Khmum	0	10	10	10
2	Ta Taok	Samlout	Battambang	5	1	6	16
3	Ta Veang Kraom	Ta Veang	Rotanak Kiri	0	5	5	21
4	Chrang Chamreh Pir	Ruessei Kaev	Phnom Penh	0	4	4	25
5	Soengh	Ou Chrov	Banteay Mean Chey	0	4	4	29
6	Samlout	Samlout	Battambang	3	1	4	33
7	Ou Da	Kamrieng	Battambang	0	3	3	36
8	Sror Aem	Choam Khsant	Preah Vihear	1	2	3	39
9	Thma Da	Veal Veang	Pursat	3	0	3	42
10	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	3	3	45

OVERVIEW OF MINE/ERW ACCIDENTS

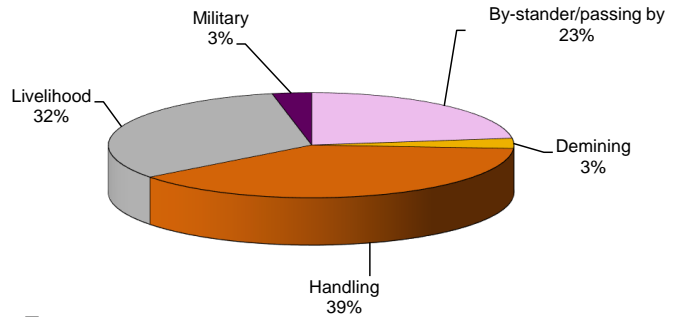
Jan2019 - Apr2020

Total Number of Casualties during Reporting Period: 96

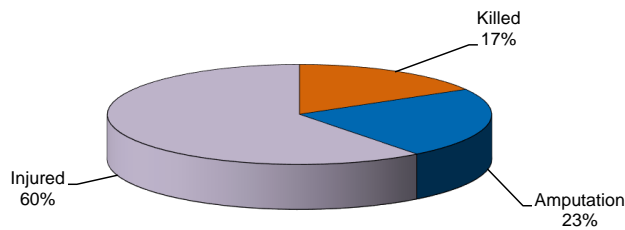
Mine/ERW Distribution



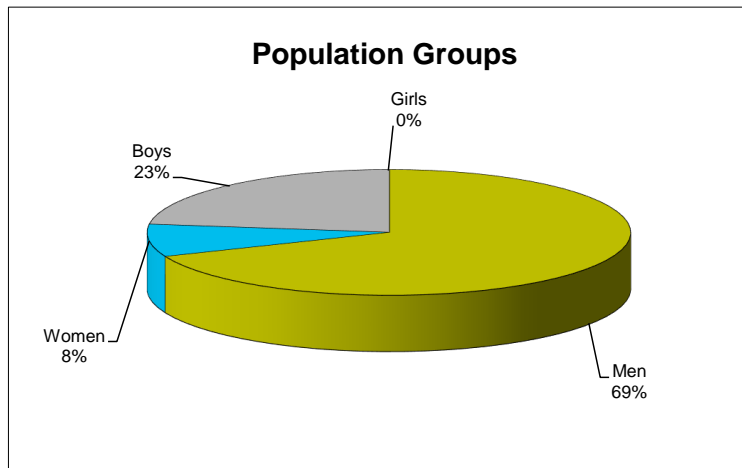
Cause of Casualty



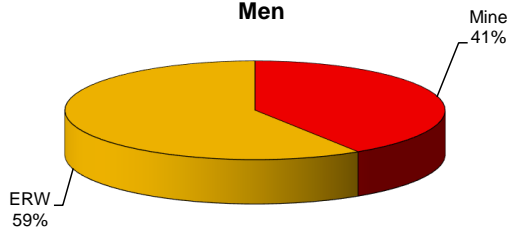
Casualty Types



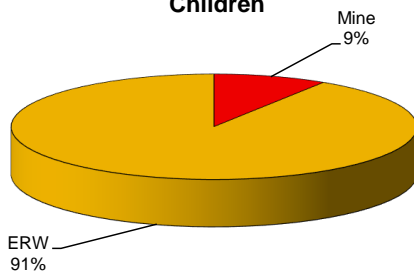
MINE/ERW ACCIDENT OVERVIEW



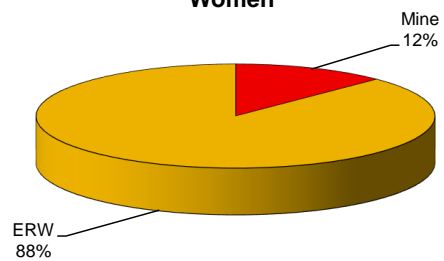
Men



Children



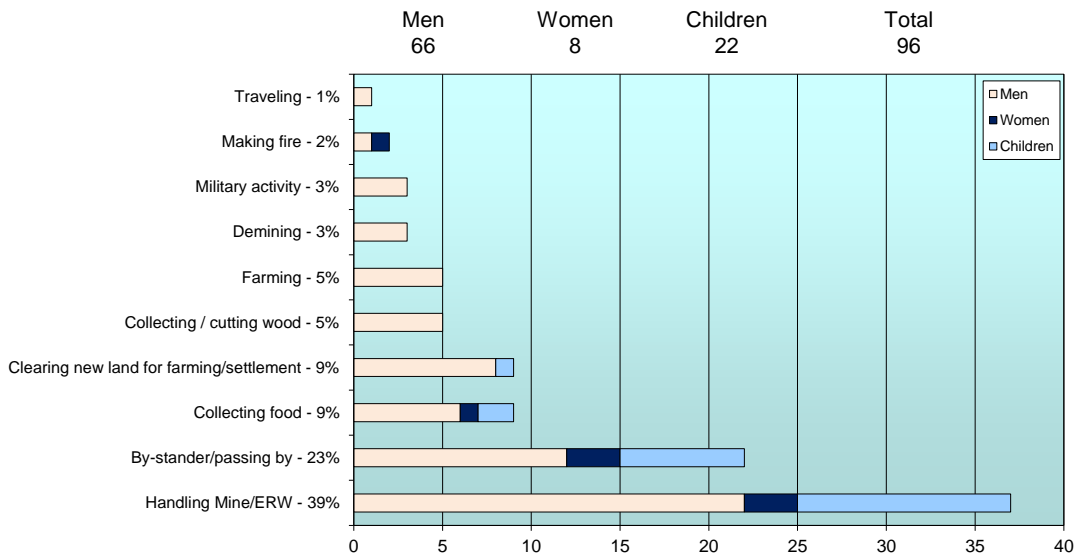
Women



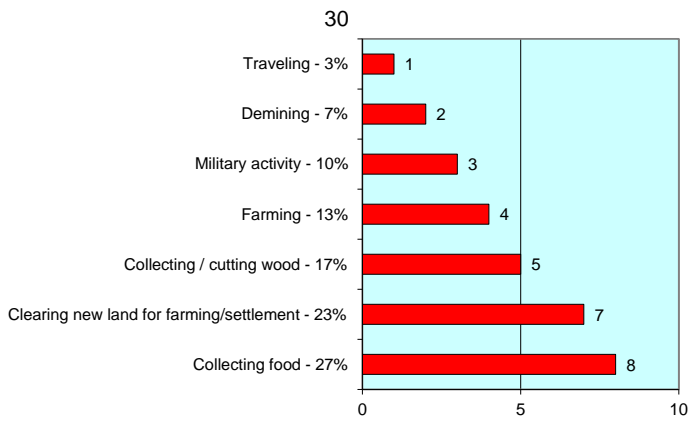
Jan2019 - Apr2020

Number of accidents during Reporting Period: **96**

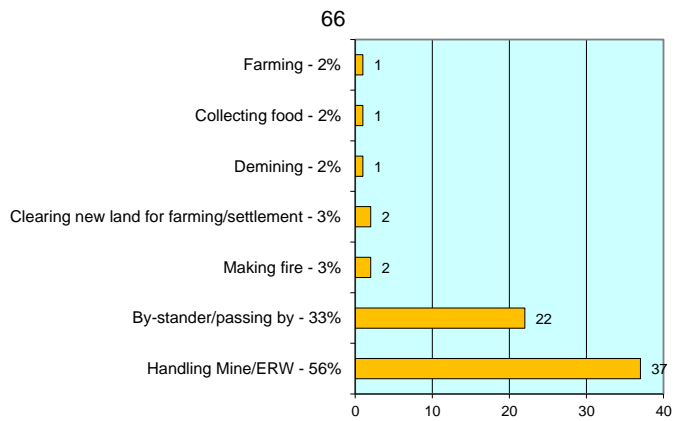
Cause of Accident by Total Population Group



Activities - Mines

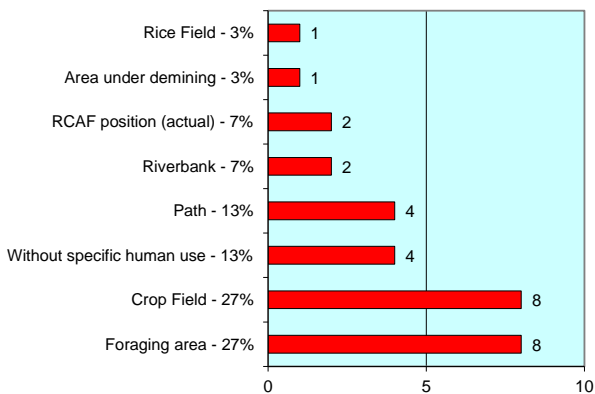


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

