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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
JULY 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 July 2020

For the period of January 1979 to July 2020, a total of **64900** mine/ERW casualties were recorded by CMVIS data gatherers.

All of the 64900 casualties:

- 51118 (79%) were mine casualties, and 13782 (21%) were ERW casualties.
- 19793 (31%) people killed, 36048 (55%) people injured, and 9059 (14%) people amputated.
- 52576 (81%) casualties were men, 6078 (9%) casualties were boys (age<18), 4790 (8%) casualties were women, 1393 (2%) casualties were girls (age<18), and 63 (0%) casualties were unknowns.

2- Accident Summary from January to July 2020

From January to July 2020, **36 mine/ERW accidents** were provisionally recorded. This figure for January to July 2020 represents a decrease of 20% compared with 45 mine/ERW accidents reported the same periods in 2019. Of the 36 mine/ERW accidents, 21 (58%) were mine accidents and 15 (42%) were ERW accidents.

3- Casualty Summary for January to July 2020

From January to July 2020, **45 mine/ERW casualties** were provisionally recorded. This figure represents a decrease of 31% compared with 65 mine/ERW casualties reported from January to July 2019.

All of the 45 casualties:

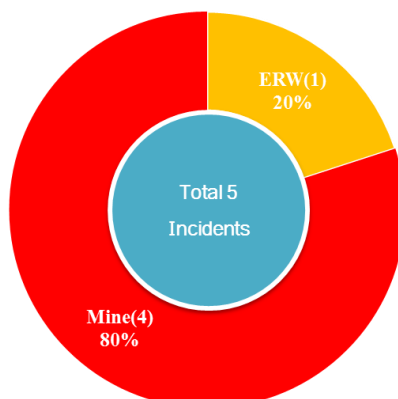
- 25 (56%) were ERW casualties, and 20 (44%) were mine casualties.
- 13 (29%) people killed, 22 (49%) people injured, and 10 (22%) people amputated.
- 28 (62%) casualties were men, 11 (24%) casualties were boys (age<18), 3 (7%) casualties were women, and 3 (7%) casualties were girls (age<18).

4- Accident Summary for July 2020

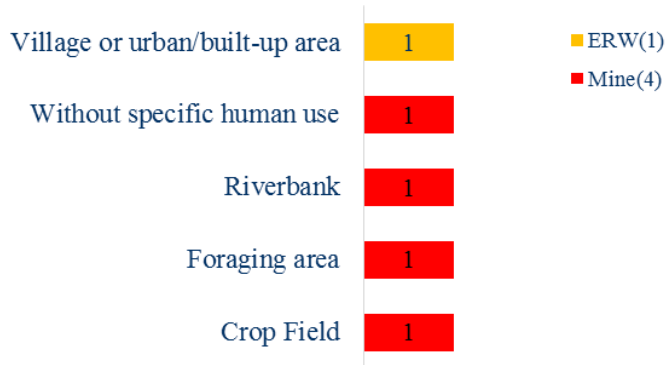
In July 2020, **5 Mine/ERW accidents** were provisionally recorded in Battambang, Banteay Mean Chey, Pursat and Preah Vihear provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine/ERW action agencies, relatives, families of casualties, or casualty's them-selves). The figure for July 2020 is an increased 25% compare with 4 accidents reported in July 2019. Of the 5 accidents, 4 (80%) were mine accidents, and 1 (20%) were ERW accidents.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



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



5- Casualty Summary for July 2020

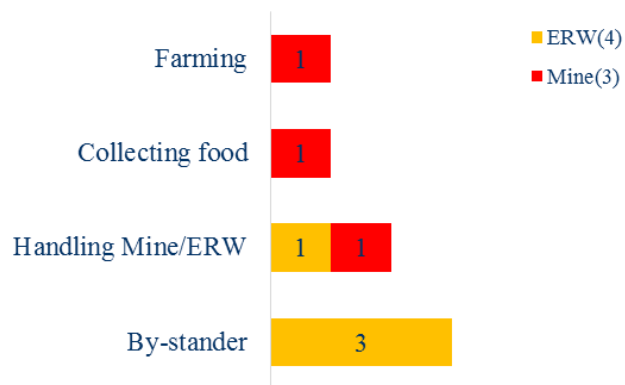
In July 2020, **7 Mine/ERW casualties** were provisionally recorded. This figure for July 2020 is an increased 133% compare with 3 casualties reported in July 2019.

Of the 7 casualties:

- 3 (43%) were mine casualties, and 4 (57%) were ERW casualties.
- 2 (29%) people killed, 4 (57%) people injured, and 1 (14%) people amputated.
- 3 (43%) casualties were men, 2 (29%) casualties were boys (age<18), and 2 (29%) casualties were girls (age<18).

Activity at the time of accident

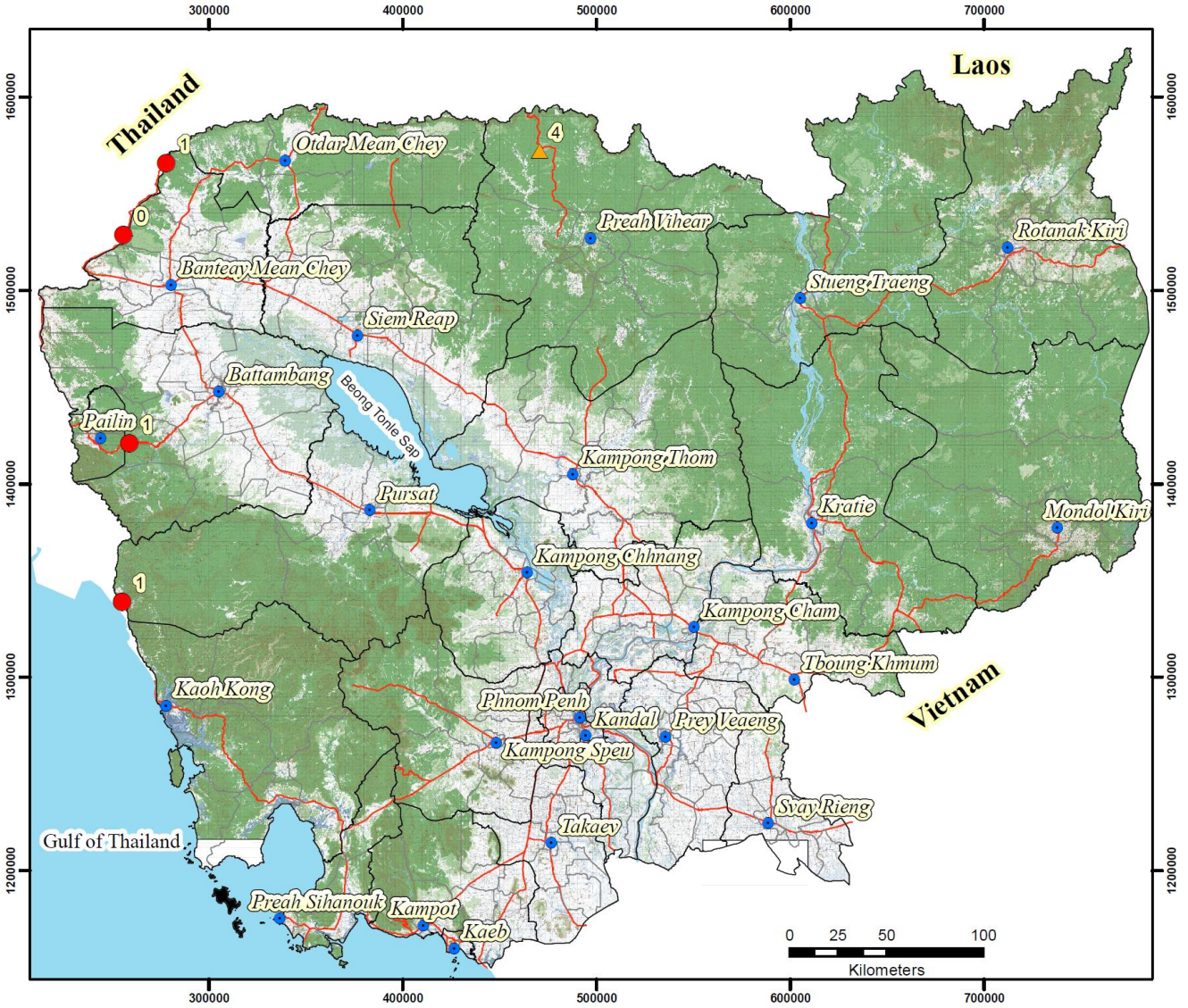
In July 2020, the activities caused people killed and injured by Mine/ERW were By-stander activity accounted for 3 (43%), Handling Mine/ERW accounted for 2 (29%), Collecting food activity accounted for 1 (14%), and Farming activity accounted for 1 (14%).



6- Impact of accident area for the period of January 2019 to July 2020 (122 casualties)

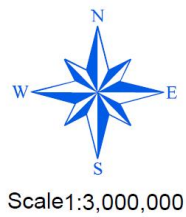
- 05 most affected provinces represent for **65%** of total casualties.
 - 10 most affected districts represent for **62%** of total casualties.
 - 10 most affected communes represent for **44%** of total casualties.
- For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in July 2020
Accident: 5 cases, Casualty: 7 people



Legend

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



Produced by CMVIS, Aug 2020

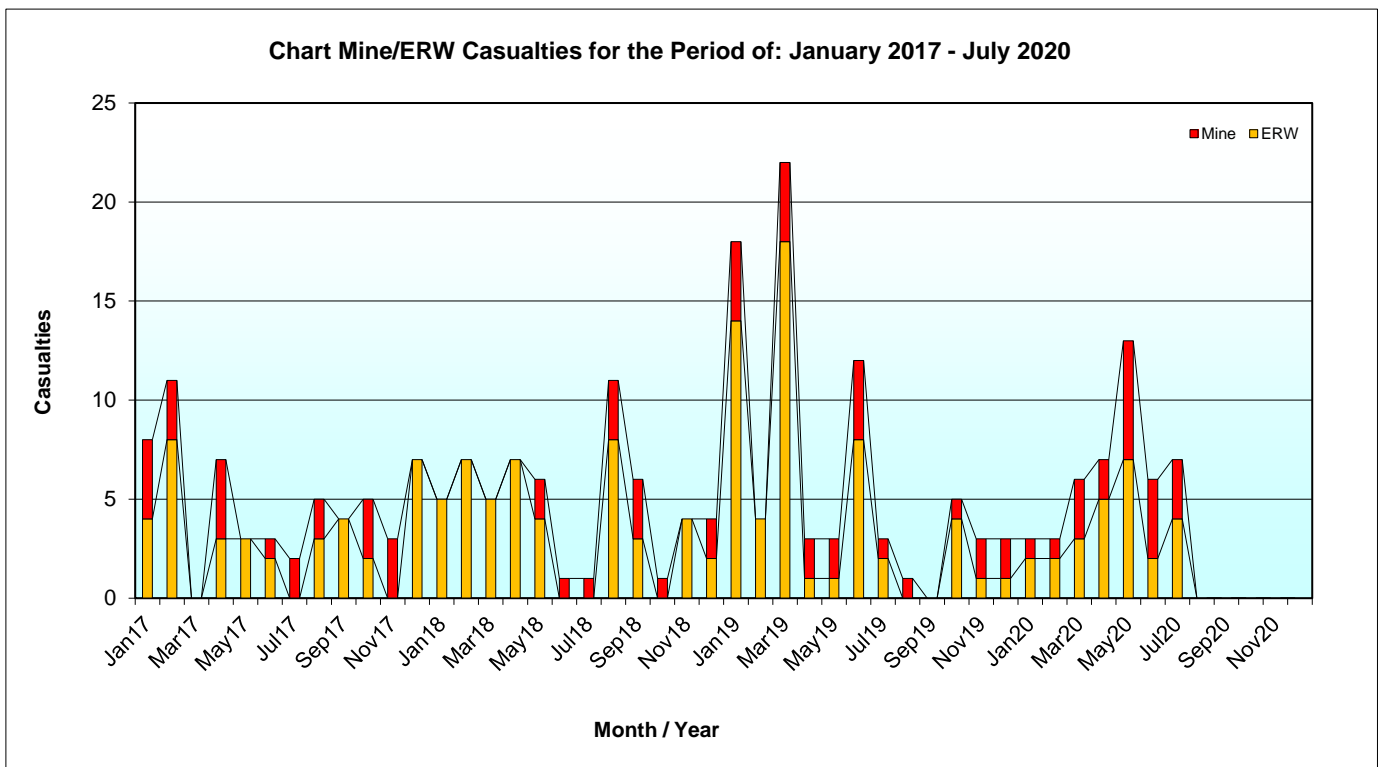
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2017 - July 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	-37.5	-36.8	-10.5	-7.7	3.4	-3.1	-5.9	10.3	14.0	4.2	5.9	0.0	
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	13	6	7						45
monthly change +/- from 2019	-15	-1	-16	4	10	-6	4						
monthly change % from 2019	-83	-25	-73	133	333	-50	133						
<i>Running Total 2020</i>	3	6	12	19	32	38	45						
% change 2019 to 2020	-83	-73	-73	-60	-36	-39	-31						

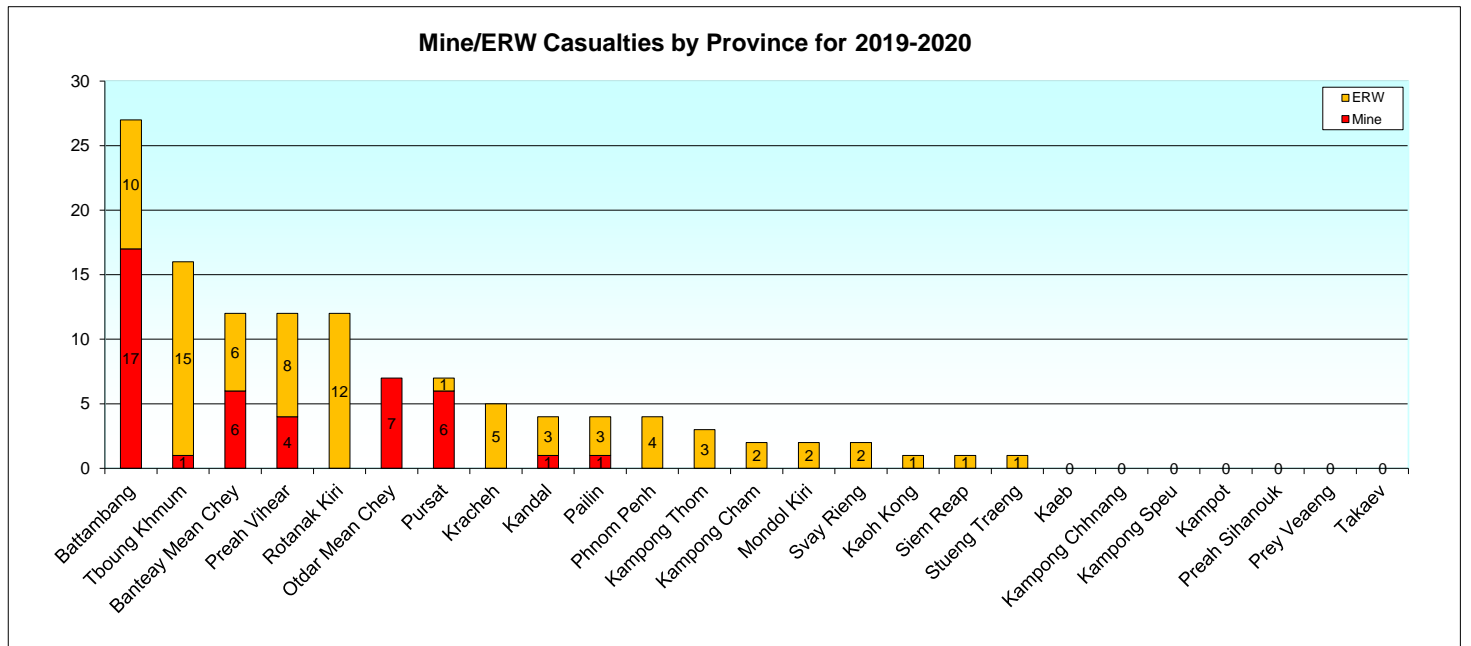
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2019 - Jul2020

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.	No.				
Battambang	2	2	2	1	0	1	1	0	0	0	0	2	11	2	0	2	2	6	3	1	0	0	0	0	0	16	27	27	22.1	22
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	43	13.1	35
Preah Vihear	2	0	0	2	0	2	0	0	0	0	0	0	6	0	1	0	0	1	0	4	0	0	0	0	0	6	12	55	9.8	45
Banteay Mean Chey	2	0	2	0	1	0	0	0	0	0	1	0	6	0	0	0	4	0	1	1	0	0	0	0	0	6	12	67	9.8	55
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	79	9.8	65
Otdar Mean Chey	0	0	3	0	0	1	1	0	0	0	1	0	6	0	0	0	0	1	0	0	0	0	0	0	0	1	7	86	5.7	70
Pursat	0	0	1	0	0	0	0	1	0	1	0	0	3	0	0	1	0	2	0	1	0	0	0	0	0	4	7	93	5.7	76
Kracheh	1	0	1	0	0	0	1	0	0	0	0	0	3	0	0	1	0	0	1	0	0	0	0	0	0	2	5	98	4.1	80
Kandal	0	0	0	0	1	2	0	0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0	0	0	1	4	102	3.3	84
Phnom Penh	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	4	106	3.3	87
Pailin	0	0	0	0	0	2	0	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	2	4	110	3.3	90
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	113	2.5	93
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	115	1.6	94
Mondol Kiri	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	2	117	1.6	96
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	119	1.6	98
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	120	0.8	98
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	121	0.8	99
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	122	0.8	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	122	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	122	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	122	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	122	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	122	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	122	0	100
Prey Veaeang	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	122	0	100
TOTAL	18	4	22	3	3	12	3	1	0	5	3	3	77	3	3	6	7	13	6	7	0	0	0	0	0	45	122			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Jul2020

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Battambang	17	10	27	27
2	Tboung Khmum	1	15	16	43
3	Banteay Mean Chey	6	6	12	55
4	Preah Vihear	4	8	12	67
5	Rotanak Kiri	0	12	12	79

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Jul2020

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Samlout	Battambang	9	6	15	15
2	Tboung Khmum	Tboung Khmum	0	12	12	27
3	Choam Khsant	Preah Vihear	4	8	12	39
4	Veal Veang	Pursat	6	1	7	46
5	Ou Chrov	Banteay Mean Chey	2	4	6	52
6	Ou Ya Dav	Rotanak Kiri	0	6	6	58
7	Trapeang Prasat	Otdar Mean Chey	5	0	5	63
8	Ta Veang	Rotanak Kiri	0	5	5	68
9	Ruessei Kaev	Phnom Penh	0	4	4	72
10	Snuol	Kracheh	0	4	4	76

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Jul2020

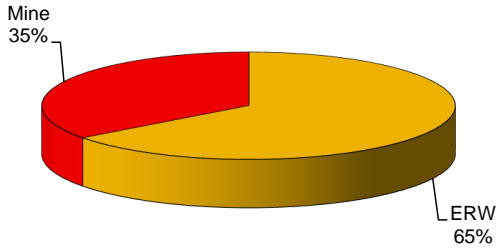
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Ta Taok	Samlout	Battambang	6	5	11	11
2	Chirou Muoy	Tboung Khmum	Tboung Khmum	0	10	10	21
3	Thma Da	Veal Veang	Pursat	6	0	6	27
4	Ta Veang Kraom	Ta Veang	Rotanak Kiri	0	5	5	32
5	Soengh	Ou Chrov	Banteay Mean Chey	0	4	4	36
6	Kantuot	Choam Khsant	Preah Vihear	0	4	4	40
7	Chrang Chamreh Pir	Ruessei Kaev	Phnom Penh	0	4	4	44
8	Samlout	Samlout	Battambang	3	1	4	48
9	Choam Ksant	Choam Khsant	Preah Vihear	2	1	3	51
10	Sror Aem	Choam Khsant	Preah Vihear	1	2	3	54

OVERVIEW OF MINE/ERW ACCIDENTS

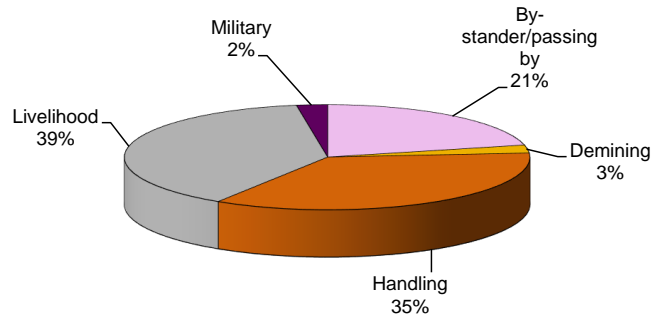
Jan2019 - Jul2020

Total Number of Casualties during Reporting Period: 122

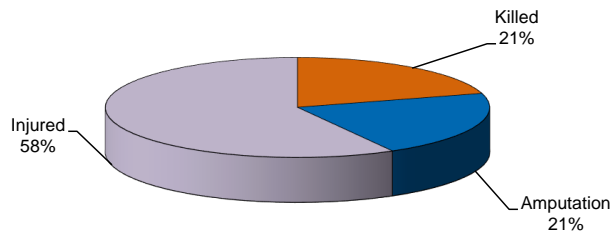
Mine/ERW Distribution



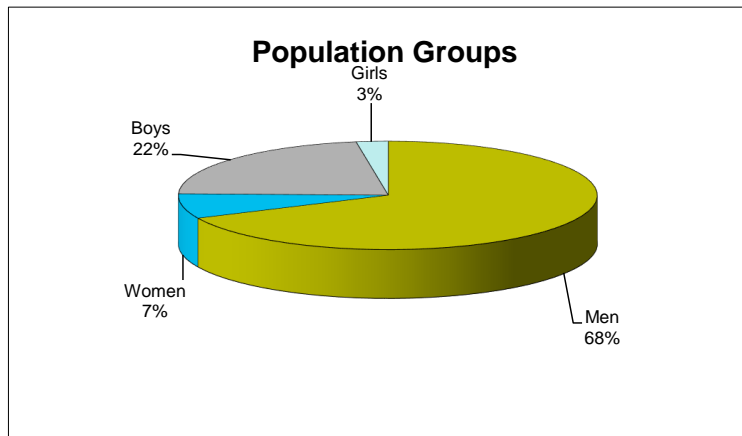
Cause of Casualty



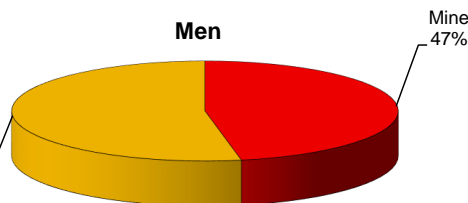
Casualty Types



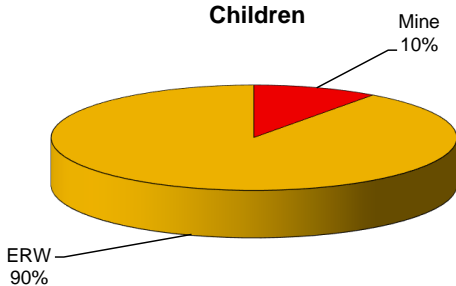
MINE/ERW ACCIDENT OVERVIEW



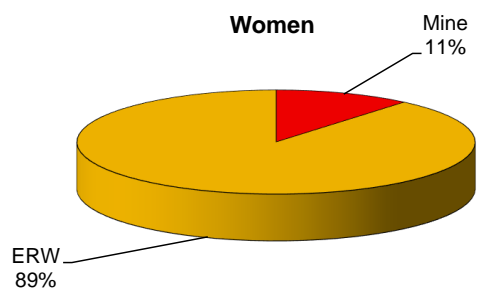
Men



Children



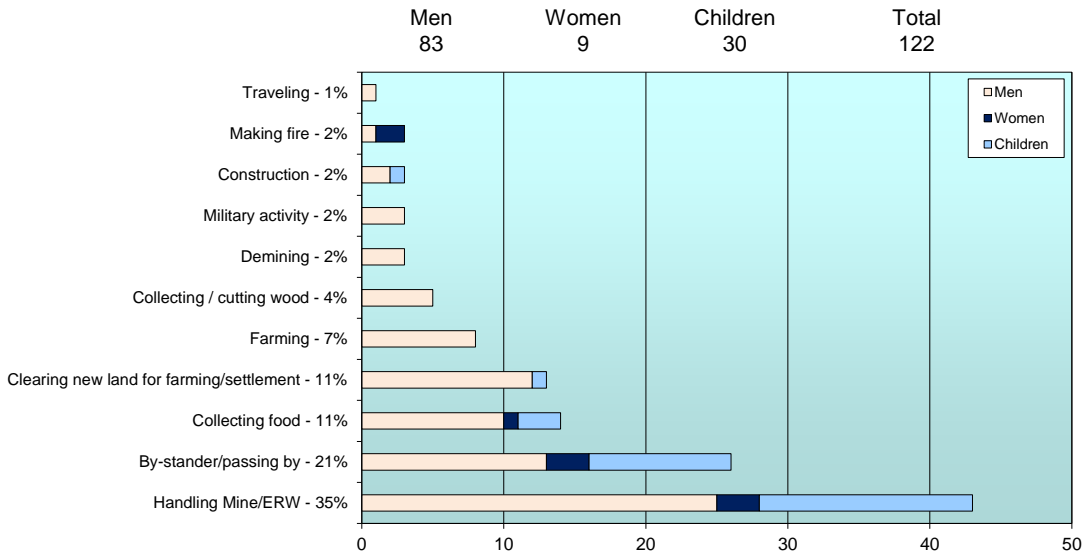
Women



Jan2019 - Jul2020

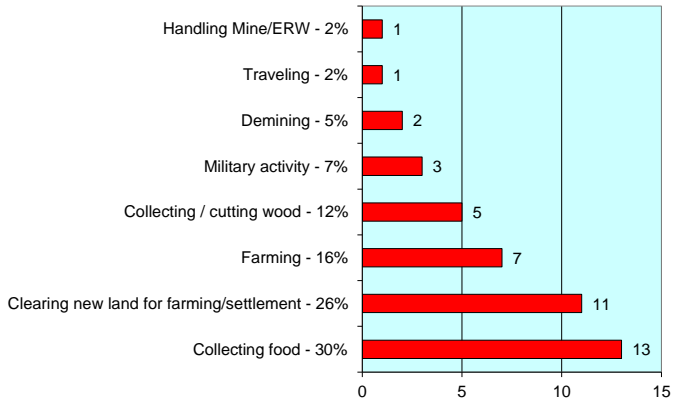
Number of accidents during Reporting Period: **122**

Cause of Accident by Total Population Group



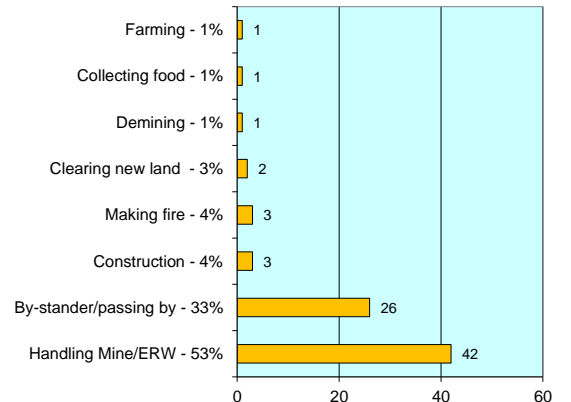
Activities - Mines

43



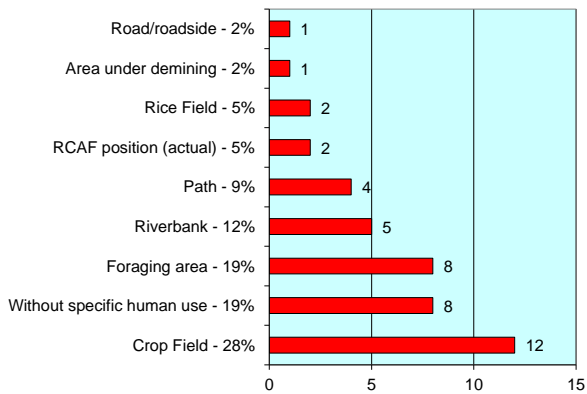
Activities - ERW

79



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

