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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
SEPTEMBER 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 September 2020

For the period of January 1979 to September 2020, a total of **64910** mine/ERW casualties were recorded by CMVIS data gatherers.

All of the 64910 casualties:

- 51121 (79%) were mine casualties, and 13789 (21%) were ERW casualties.
- 19796 (31%) people killed, 36055 (55%) people injured, and 9059 (14%) people amputated.
- 52582 (81%) casualties were men, 6082 (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 September 2020

From January to September 2020, **41 mine/ERW accidents** were provisionally recorded. This figure for January to September 2020 represents a decrease of 11% compared with 46 mine/ERW accidents reported the same periods in 2019. Of the 41 mine/ERW accidents, 23 (56%) were mine accidents and 18 (44%) were ERW accidents.

3- Casualty Summary for January to September 2020

From January to September 2020, **55 mine/ERW casualties** were provisionally recorded. This figure represents a decrease of 17% compared with 66 mine/ERW casualties reported from January to September 2019.

All of the 55 casualties:

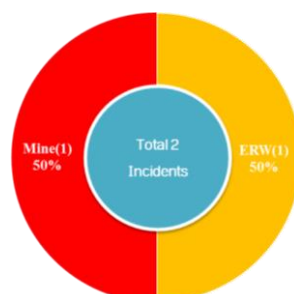
- 32 (58%) were ERW casualties, and 23 (42%) were mine casualties.
- 16 (29%) people killed, 29 (53%) people injured, and 10 (18%) people amputated.
- 34 (61%) casualties were men, 15 (27%) casualties were boys (age<18), 3 (6%) casualties were women, and 3 (6%) casualties were girls (age<18).

4- Accident Summary for September 2020

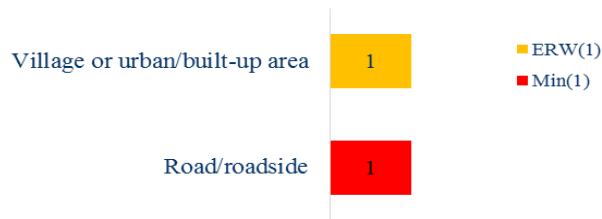
In September 2020, there were **2 Mine/ERW accidents** were provisionally recorded in Preah Vihear and Banteay Mean Chey provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine/ERW action agencies, relatives, families of casualties, or casualty's them-selves). The figure for September 2020 is an increased 100% compare with there were zero accidents reported in September 2019. Of the 2 accidents, 1 (50%) was mine accident, and 1 (50%) was ERW accident.

- **Type of explosive ordnance**

Number of incidents caused by Mine/ERW



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



5- Casualty Summary for September 2020

In September 2020, **3 Mine/ERW casualties** were provisionally recorded. This figure for September 2020 is an increased 100% compare with there were no casualties in September 2019.

Of the 3 casualties:

- 2 (67%) were mine casualties, and 1 (33%) was ERW casualty.
- 3 (100%) people injured.
- 2 (67%) casualties were men, and 1 (33%) casualty was boy (age<18).

Activity at the time of accident

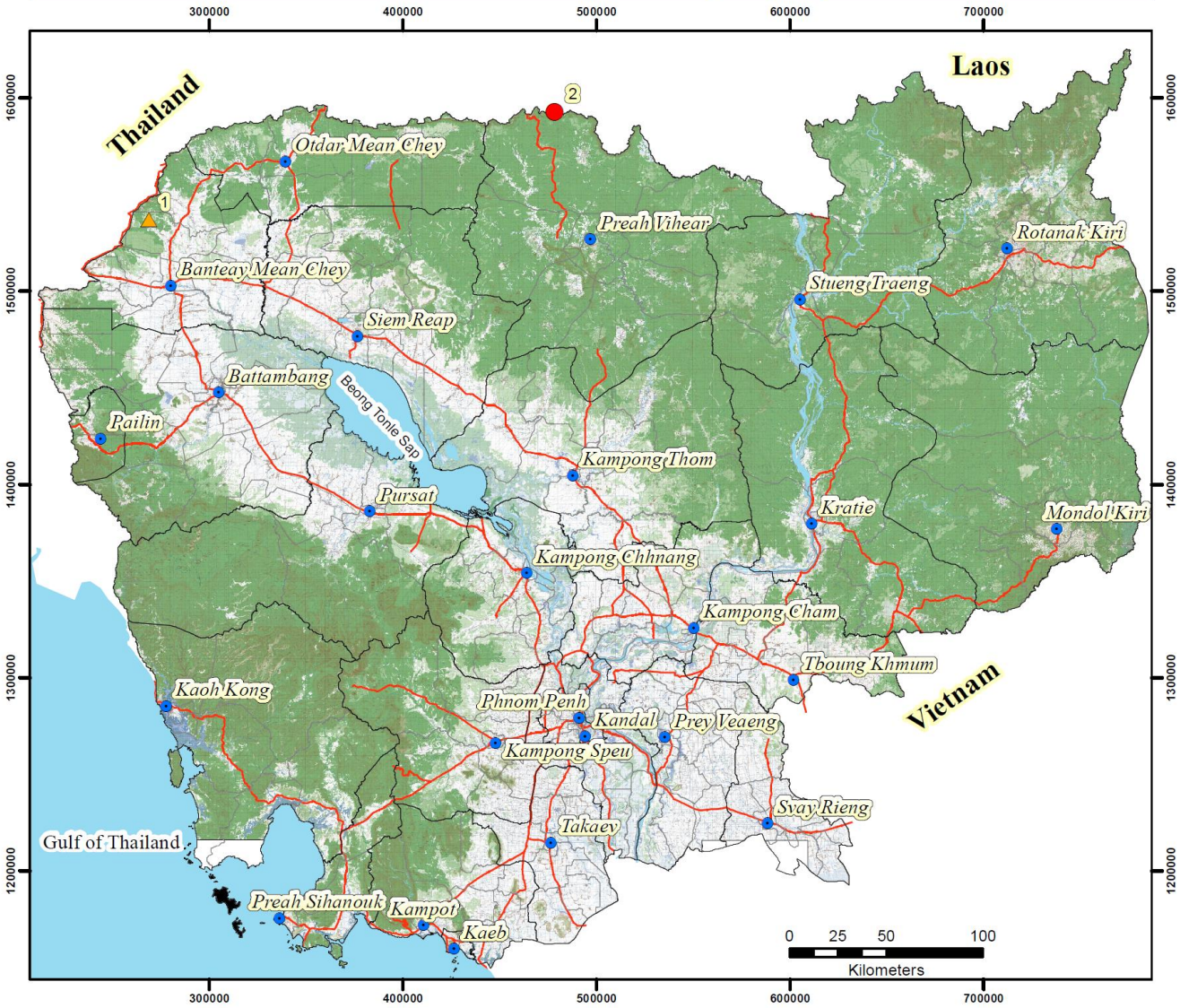
In September 2020, the activities caused people killed and injured by Mine/ERW were Traveling activity accounted for 2 (67%), and Handling Mine/ERW activity accounted for 1 (33%).










6- Impact of accident area for the period of January 2019 to September 2020 (132 casualties)

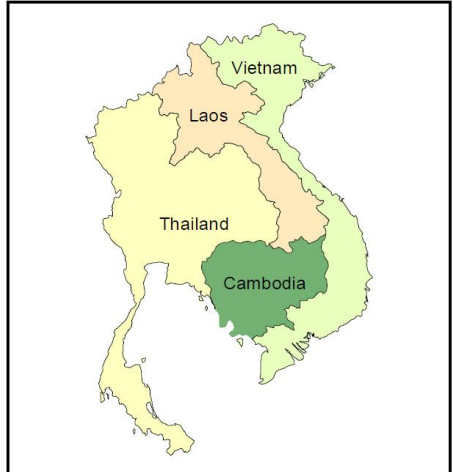
- 05 most affected provinces represent for **63%** of total casualties.
 - 10 most affected districts represent for **64%** of total casualties.
 - 10 most affected communes represent for **45%** of total casualties.
- For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in September 2020
Accident: 2 cases, Casualty: 3 people



Legend

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



Produced by CMVIS, Oct 2020

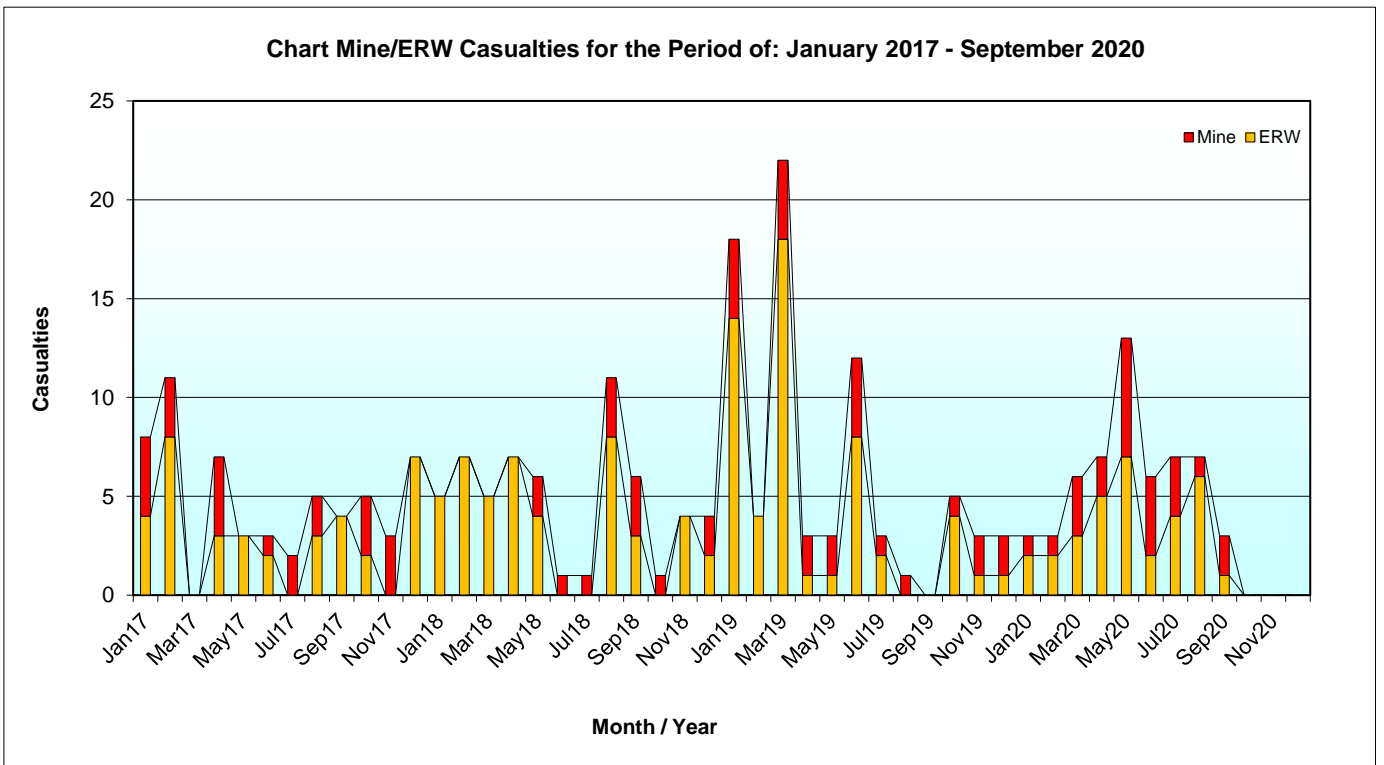
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2017 - September 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	260.0	83.3	158.8	95.8	66.7	100.0	103.1	53.5	34.7	42.0	37.0	32.8	
2020	3	3	6	7	13	6	7	7	3				55
monthly change +/- from 2019	-15	-1	-16	4	10	-6	4	6	3				
monthly change % from 2019	-83	-25	-73	133	333	-50	133	600	100				
<i>Running Total 2020</i>	3	6	12	19	32	38	45	52	55				
% change 2019 to 2020	-83.3	-72.7	-72.7	-59.6	-36	-38.7	-30.8	-21.2	-16.7				

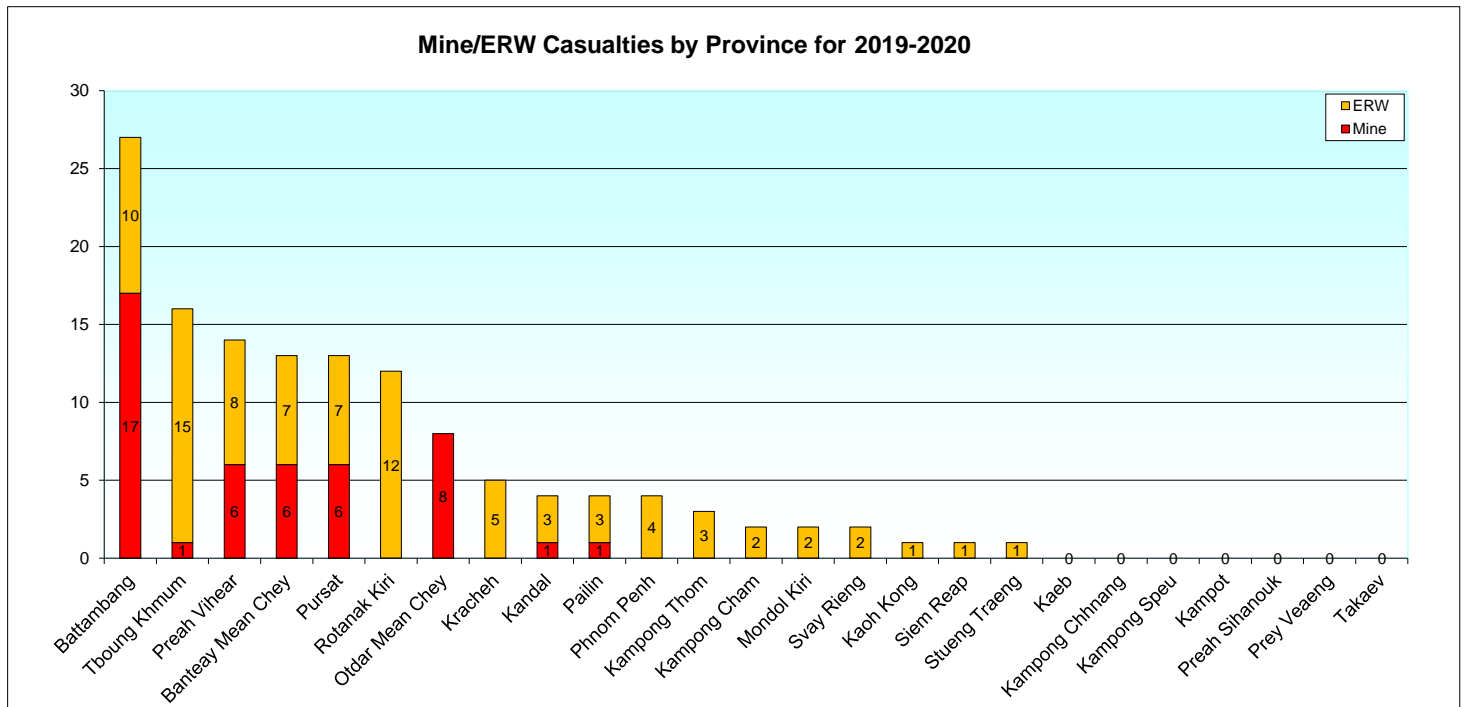
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2019 - Sep2020

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

Province	2019												2020												Total 2019-2020	Cum. Total	% of Total	Cum. %	
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20					
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	16	27	27	20.5	20
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	2	16	43	12.1	33
Preah Vihear	2	0	0	2	0	2	0	0	0	0	0	0	6	0	1	0	0	1	0	4	0	2	0	0	8	14	57	10.6	43
Banteay Mean Chey	2	0	2	0	1	0	0	0	0	0	1	0	6	0	0	0	4	0	1	1	0	1	0	0	7	13	70	9.8	53
Pursat	0	0	1	0	0	0	0	1	0	1	0	0	3	0	0	1	0	2	0	1	6	0	0	0	10	13	83	9.8	63
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	12	95	9.1	72
Otdar Mean Chey	0	0	3	0	0	1	1	0	0	0	1	0	6	0	0	0	0	1	0	0	1	0	0	0	2	8	103	6.1	78
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	2	5	108	3.8	82
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	1	4	112	3	85
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	4	116	3	88
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	2	4	120	3	91
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	3	3	123	2.3	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	2	125	1.5	95
Mondol Kiri	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	2	127	1.5	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	2	129	1.5	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	1	130	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	1	1	131	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	1	132	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	132	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	132	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	132	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	132	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	132	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	132	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	132	0	100
TOTAL	18	4	22	3	3	12	3	1	0	5	3	3	77	3	3	6	7	13	6	7	7	3	0	0	55	132			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Sep2020

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Battambang	17	10	27	27
2	Tboung Khmum	1	15	16	43
3	Preah Vihear	6	8	14	57
4	Banteay Mean Chey	6	7	13	70
5	Pursat	6	7	13	83

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Sep2020

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Samlout	Battambang	9	6	15	15
2	Choam Khsant	Preah Vihear	6	8	14	29
3	Veal Veang	Pursat	6	7	13	42
4	Tboung Khmum	Tboung Khmum	0	12	12	54
5	Ou Chrov	Banteay Mean Chey	2	4	6	60
6	Ou Ya Dav	Rotanak Kiri	0	6	6	66
7	Ta Veang	Rotanak Kiri	0	5	5	71
8	Trapeang Prasat	Otdar Mean Chey	5	0	5	76
9	Ruessei Kaev	Phnom Penh	0	4	4	80
10	Snuol	Kracheh	0	4	4	84

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2019 - Sep2020

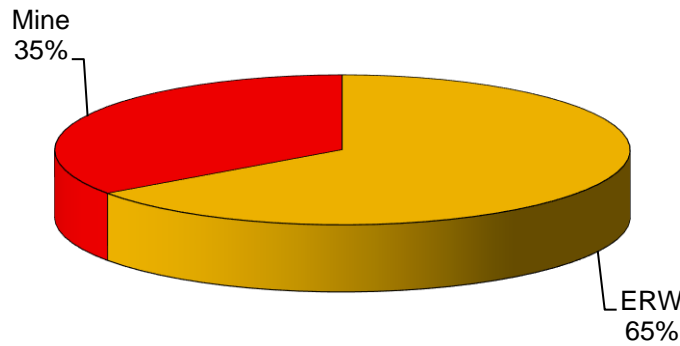
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Ta Taok	Samlout	Battambang	6	5	11	11
2	Chirou Muoy	Tboung Khmum	Tboung Khmum	0	10	10	21
3	Thma Da	Veal Veang	Pursat	6	4	10	31
4	Sror Aem	Choam Khsant	Preah Vihear	3	2	5	36
5	Ta Veang Kraom	Ta Veang	Rotanak Kiri	0	5	5	41
6	Chrang Chamreh Pir	Ruessei Kaev	Phnom Penh	0	4	4	45
7	Soengh	Ou Chrov	Banteay Mean Chey	0	4	4	49
8	Samlout	Samlout	Battambang	3	1	4	53
9	Kantuot	Choam Khsant	Preah Vihear	0	4	4	57
10	Svay Chek	Svay Chek	Banteay Mean Chey	0	3	3	60

OVERVIEW OF MINE/ERW ACCIDENTS

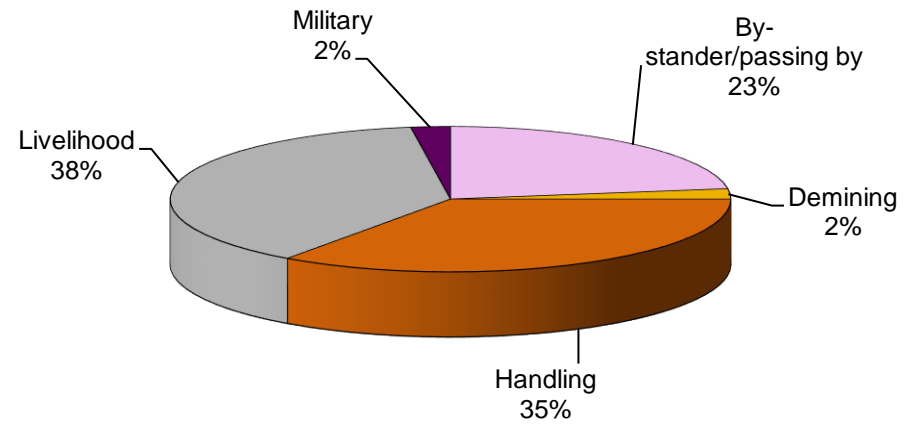
Jan2019 - Sep2020

Total Number of Casualties during Reporting Period: 132

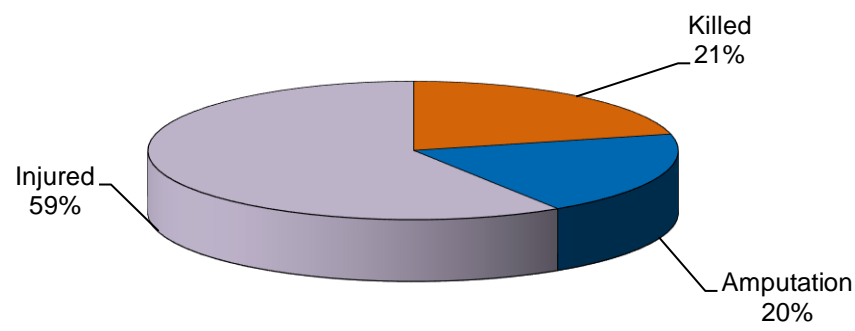
Mine/ERW Distribution



Cause of Casualty

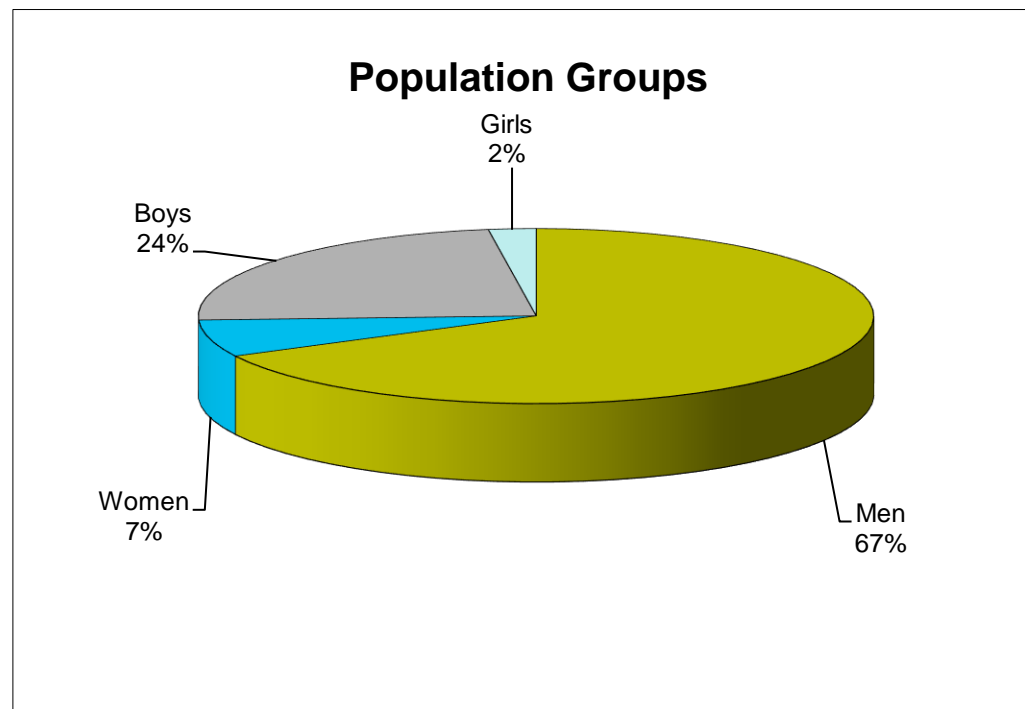


Casualty Types

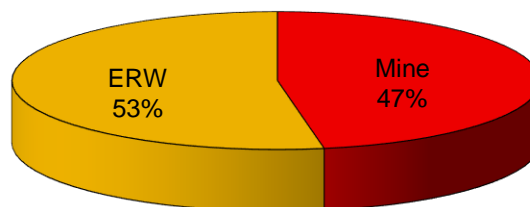


MINE/ERW ACCIDENT OVERVIEW

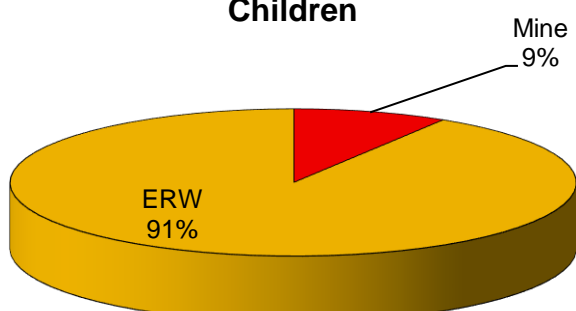
Population Groups



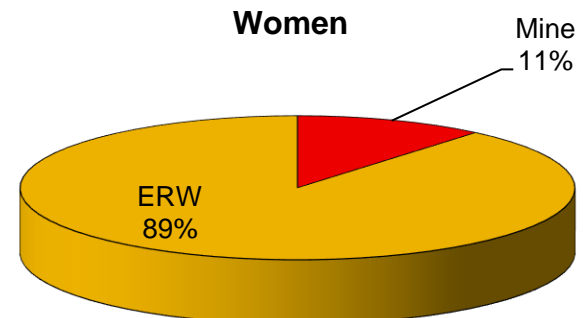
Men



Children



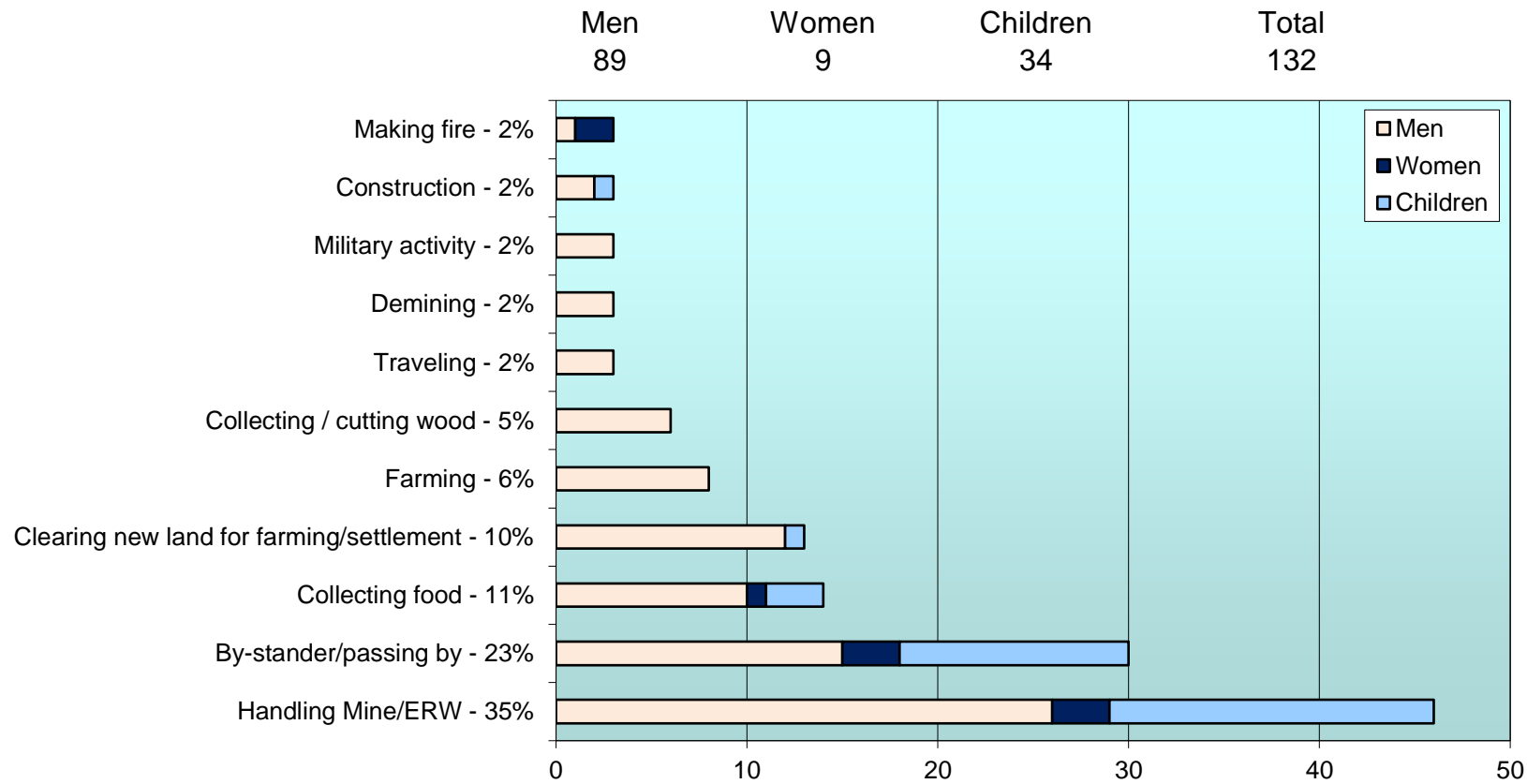
Women



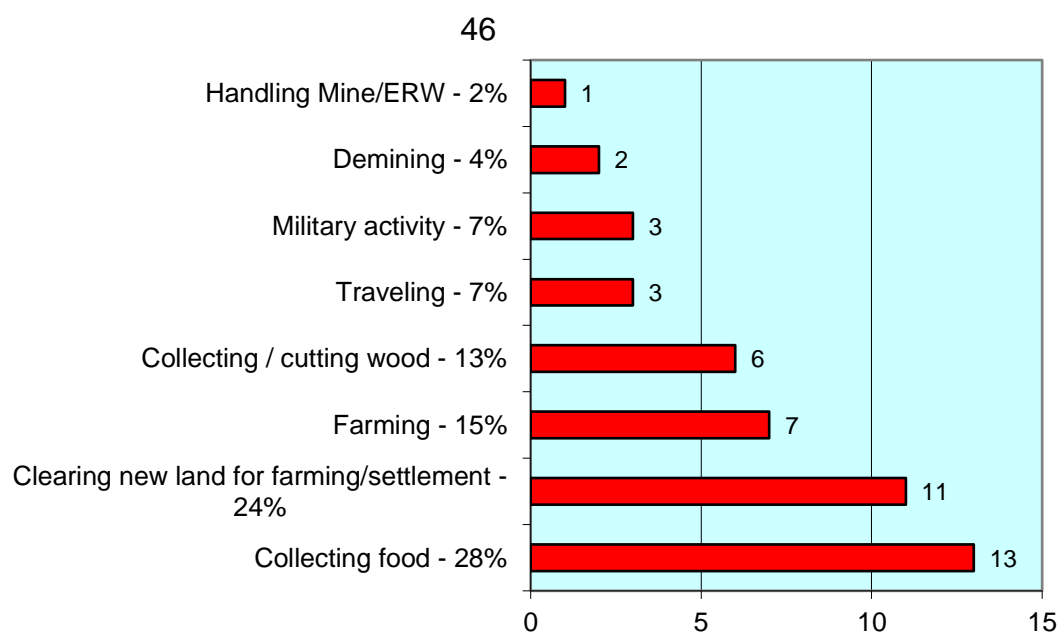
Jan2019 - Sep2020

Number of accidents during Reporting Period: **132**

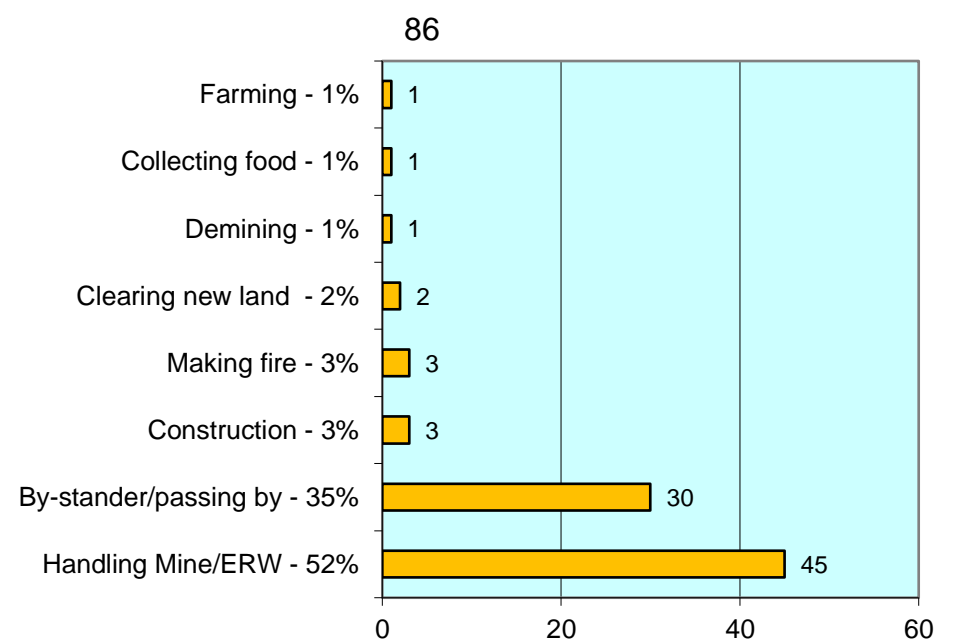
Cause of Accident by Total Population Group



Activities - Mines

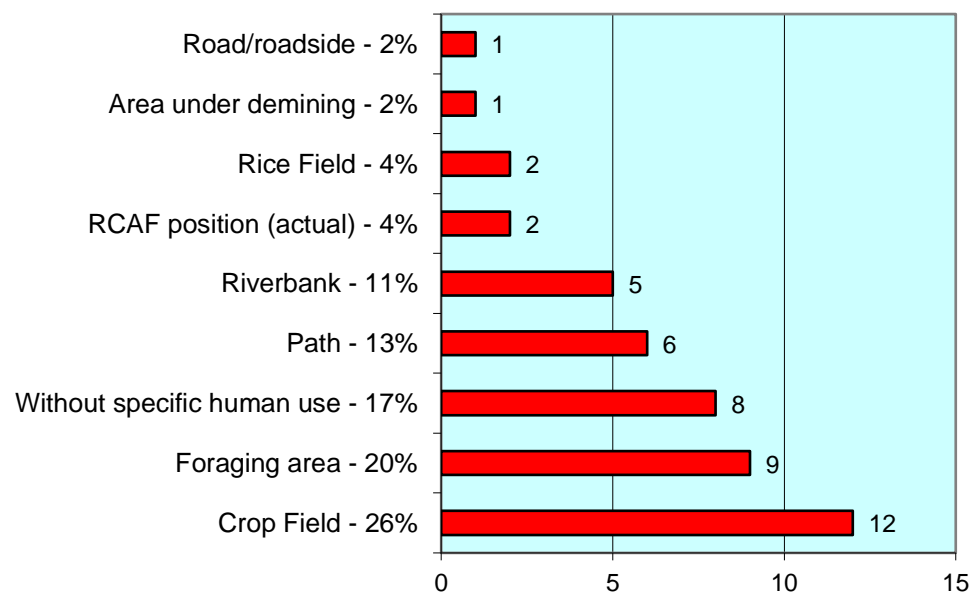


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

