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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
NOVEMBER 2018**

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 November 2018

For the period of 1979 to November 2018, a total of **64774** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64774 casualties:

- 51073 (79%) were mine casualties and 13701 (21%) were ERW casualties.
- 19766 (31%) people killed, 35976 (55%) people injured and 9032 (14%) people amputated.
- 52490 (81%) casualties were men, 6051 (9%) casualties were boys (age<18), 4780 (8%) casualties were women, 1390 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

2- Accident Summary for January to November 2018

From January to November 2018, **36 mine/ERW accidents** were provisionally recorded. This figure for January to November 2018 represents a decrease of 3% compared with 37 mine/ERW accidents reported from January to November 2017. Of the 36 mine/ERW accidents, 12 (33%) were mine accidents and 24 (67%) were ERW accidents.

3- Casualty Summary for January to November 2018

From January to November 2018, **54 mine/ERW casualties** were provisionally recorded. This figure for January to November 2018 represents an increase of 6% compared with 51 casualties reported from January to November 2017. All of the 54 casualties:

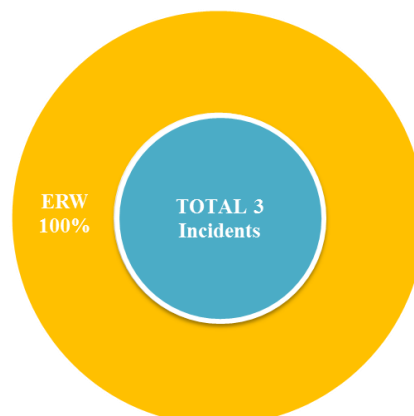
- 43 (80%) were ERW casualties, and 11 (20%) were mine casualties.
- 8 (15%) people killed, 35 (65%) people injured and 11 (20%) people amputated.
- 33 (61%) casualties were men, 14 (26%) casualties were boys (age<18), 5 (9%) casualties were women, and 2 (4%) casualties were girls.

4- Accident Summary for November 2018

In November 2018, **3 ERW accidents** were provisionally recorded in the provinces of Otdar meanchey, Pursat, and Tboung Khmum (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 November 2018 is an increase 50% compare with 2 accidents reported in November 2017.

- **Type of explosive ordnance**

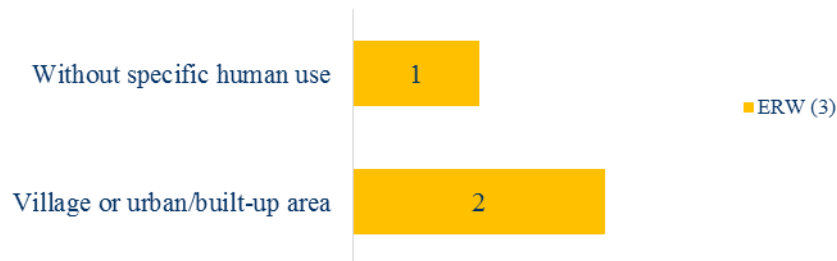
Number of incidents caused by Mine/ERW



- **Information about accident area**

- 2 accident occurred in Village or urban/built areas
- 1 accident occurred in Land without specific human use areas.

Information on the accident area for November 2018



5- Casualty Summary for November 2018

In November 2018, **4 casualties** were provisionally recorded. This figure for November 2018 is an increased 33% compare with 3 casualties reported in November 2017. Of the 4 casualties:

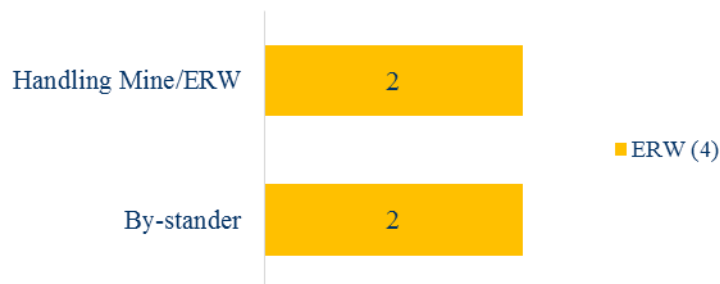
- 4 (100%) were ERW casualties.
- 4 (100%) people injured.
- 2 (50%) casualties were men, 1(25%) casualty was a boy, and 1(25%) casualty was a woman.

Activity at the time of accident

The activities caused people injured by ERW as follow:

- Handling Mine/ERW activity (2 casualties)
- By-stander activity (2 casualties)

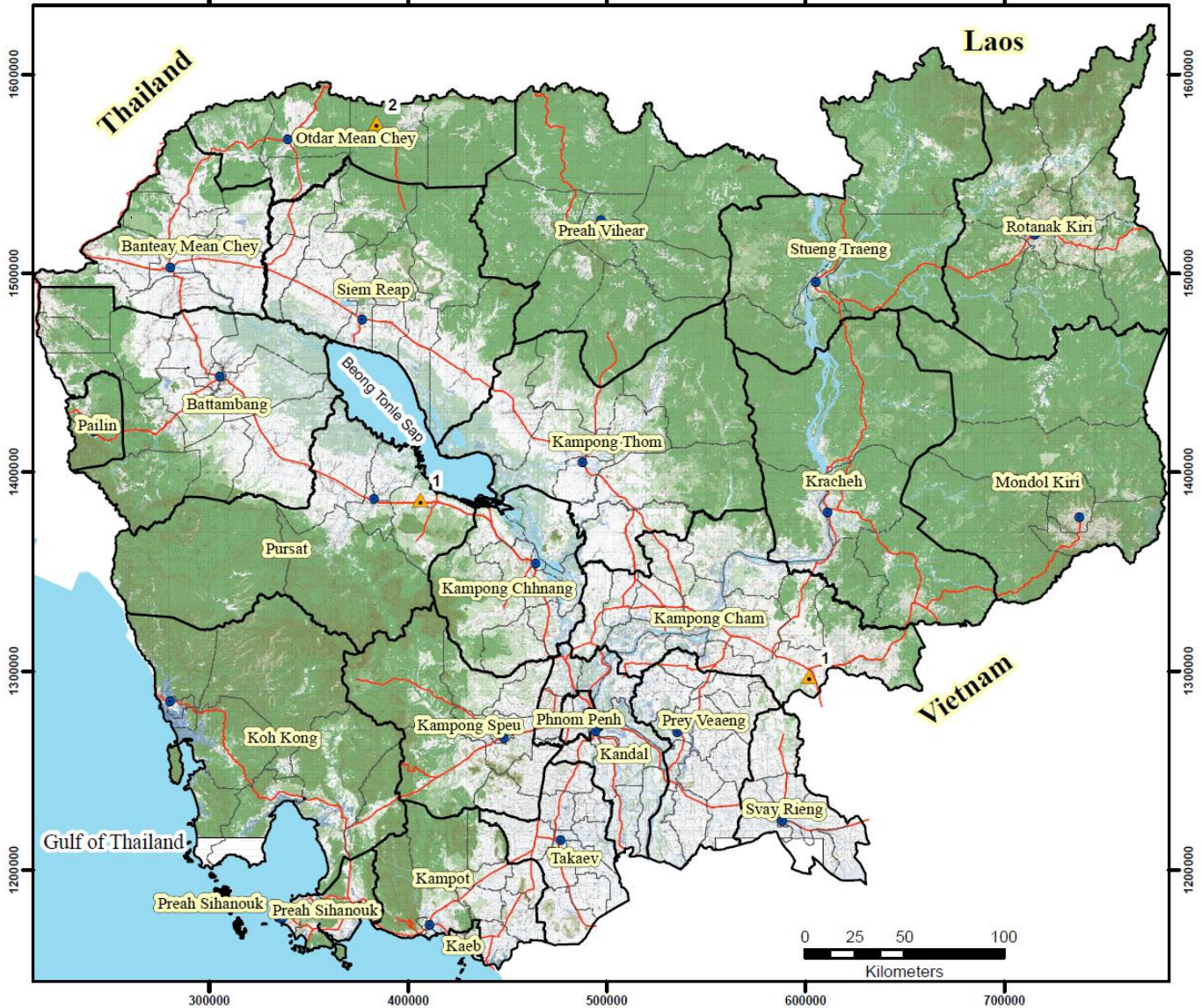
Activity at the time of accident for November 2018



6- Impact of accident area for the period of January 2017 to November 2018 (112 casualties)

- 05 most affected provinces represent for **58%** of total casualties.
 - 10 most affected districts represent for **55%** of total casualties.
 - 10 most affected communes represent for **40%** of total casualties.
- For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in November 2018
Accidentst: 03, Casualties: 04

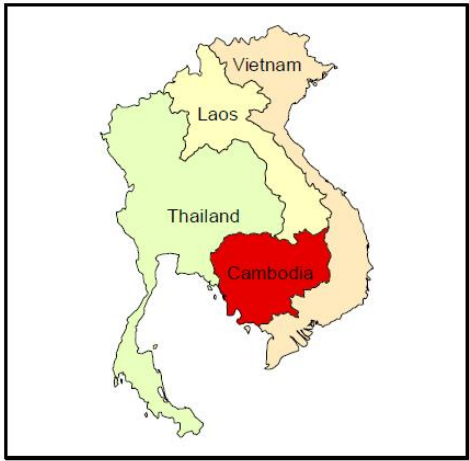


Legend

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



Scale 1:3,000,000



Produced by CMVIS, Dec 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

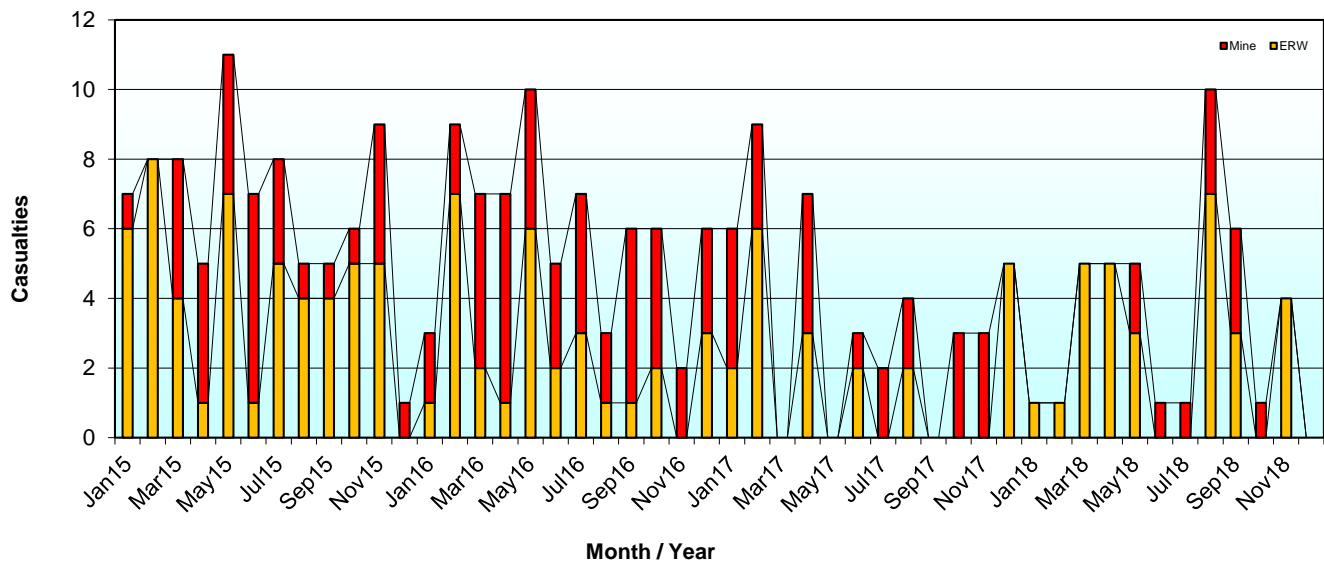
Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2015 - November 2018

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
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	
2016	8	10	7	8	11	7	8	4	6	6	2	6	83
<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	0.0	5.6	-24.0	-21.2	-34.1	-37.3	-42.4	-38.1	-37.7	-36.0	-33.8	-30.1	
2018	5	7	5	7	6	1	1	11	6	1	4		54
monthly change +/- from 2017	-3	-4	5	0	3	-2	-1	6	2	-4	1		
monthly change % from 2017	-38	-36	#DIV/0!	0	100	-67	-50	120	50	-80	33		
<i>Running Total 2018</i>	5	12	17	24	30	31	32	43	49	50	54		
% change 2017 to 2018	-37.5	-36.8	-10.5	-7.7	3.4	-3.1	-5.9	10.3	14	4.2	5.9		

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 2015 - November 2018



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Nov2018

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	9	14	23	23
2	Preah Vihear	12	3	15	38
3	Kampong Speu	0	11	11	49
4	Battambang	1	8	9	58
5	Kandal	0	7	7	65

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Nov2018

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	11	2	13	13
2	Phnum Sruoch	Kampong Speu	0	11	11	24
3	Snuol	Kracheh	3	3	6	30
4	Anlong Veang	Otdar Mean Chey	0	6	6	36
5	Trapeang Prasat	Otdar Mean Chey	1	4	5	41
6	Banteay Ampil	Otdar Mean Chey	5	0	5	46
7	Samlout	Battambang	0	4	4	50
8	Kandal Stueng	Kandal	0	4	4	54
9	Kaoh Nheaek	Mondol Kiri	0	4	4	58
10	Ou Ya Dav	Rotanak Kiri	0	4	4	62

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2017 - Nov2018

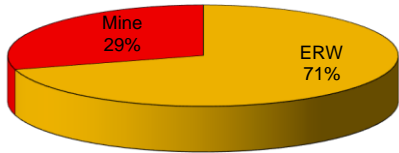
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Moha Sang	Phnum Sruoch	Kampong Speu	0	9	9	9
2	Choam Ksant	Choam Khsant	Preah Vihear	5	0	5	14
3	Morokot	Choam Khsant	Preah Vihear	4	0	4	18
4	Barku	Kandal Stueng	Kandal	0	4	4	22
5	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	0	4	4	26
6	Koun Kriel	Samraong	Otdar Mean Chey	3	1	4	30
7	Anlong Veang	Anlong Veang	Otdar Mean Chey	0	4	4	34
8	Kampong Lpou	Samlout	Battambang	0	4	4	38
9	Ya Tung	Ou Ya Dav	Rotanak Kiri	0	4	4	42
10	Ampil	Banteay Ampil	Otdar Mean Chey	3	0	3	45

OVERVIEW OF MINE/ERW ACCIDENTS

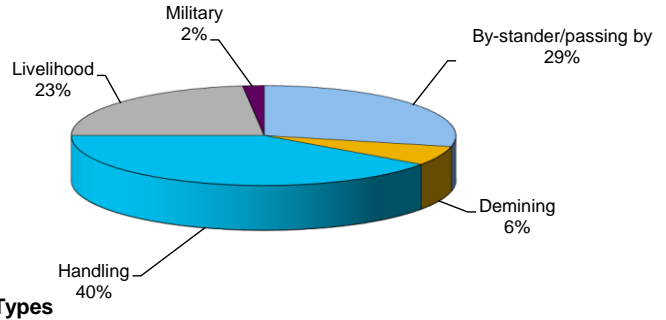
Jan2017 - Nov2018

Total Number of Casualties during Reporting Period: 112

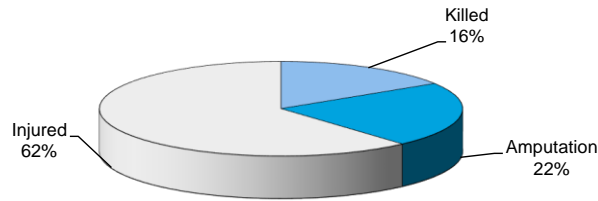
Mine/ERW Distribution



Cause of Casualty

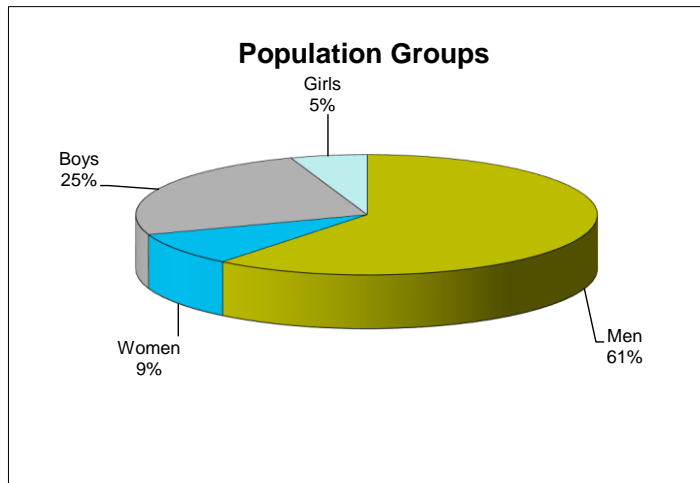


Casualty Types

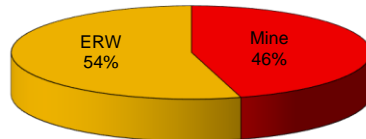


MINE/ERW ACCIDENT OVERVIEW

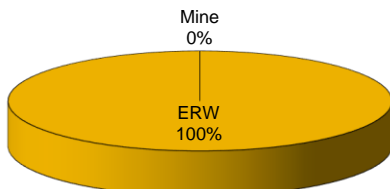
Population Groups



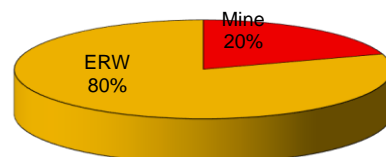
Men



Children



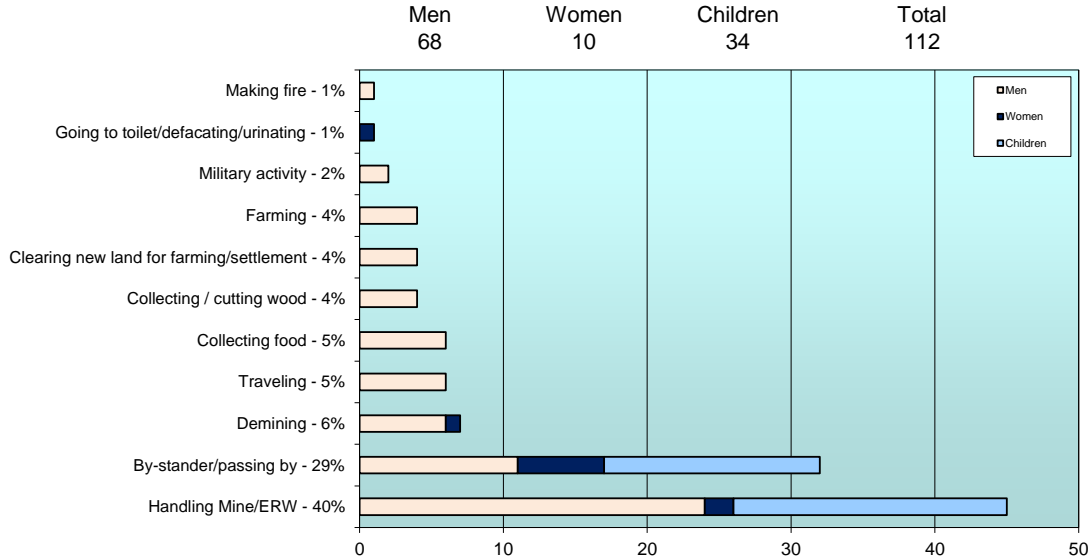
Women



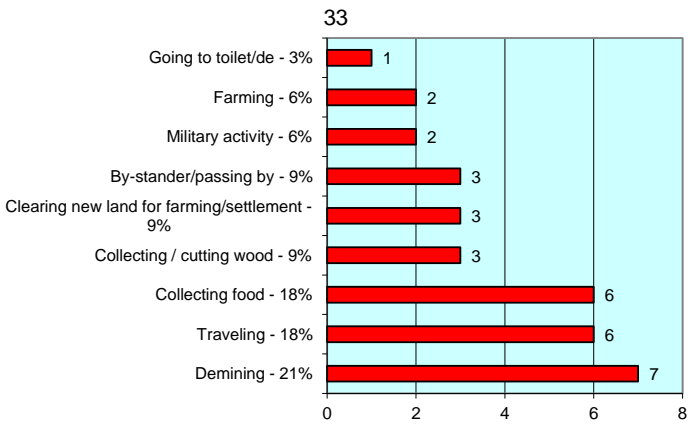
Jan2017 - Nov2018

Number of accidents during Reporting Period: **112**

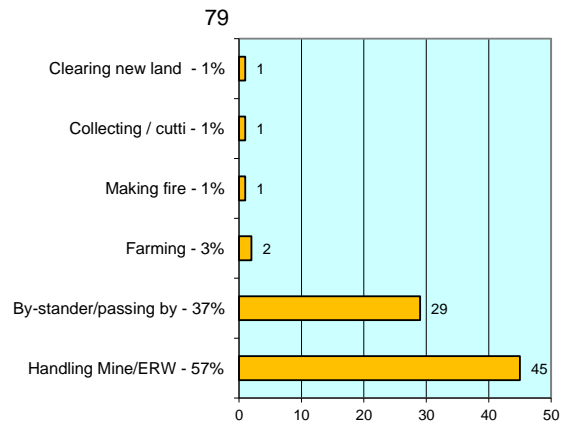
Cause of Accident by Total Population Group



Activities - Mines

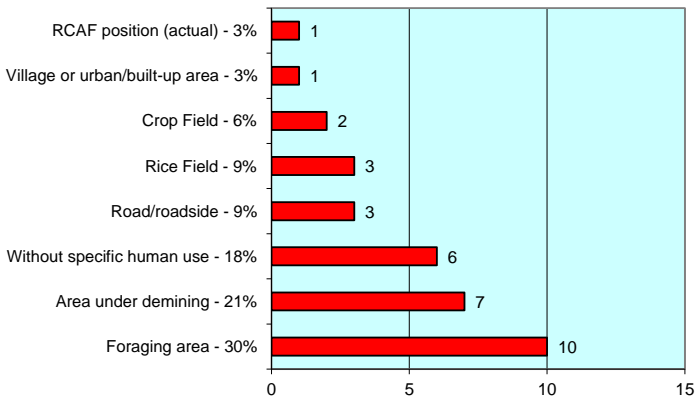


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

