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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
SEPTEMBER 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 September 2017

For the period of 1979 to September 2017, a total of **64705** mine/ERW casualties were recorded by CMVIS data gatherers. All of the 64705 casualties:

- 51056 (79%) were mine casualties and 13649 (21%) were ERW casualties.
- 19757 (31%) people killed, 35929 (55%) people injured and 9019 (14%) people amputated.
- 52449 (81%) casualties were men, 6035 (9%) casualties were boys (age<18), 4772 (8%) casualties were women, 1386 (2%) casualties were girls (age<18) and 63 (0%) casualties were unknowns.

2- Accident Summary for January to September 2017

From January to September 2017, **30 mine/ERW accidents** were provisionally recorded. This figure for January to September 2017 represents a decrease of **52%** compared with 62 mine/ERW accidents reported from January to September 2016. Of the 30 mine/ERW accidents, 15 (50%) were mine accidents and 15 (50%) were ERW accidents.

3- Casualty Summary for January to September 2017

From January to September 2017, **43 Mine/ERW casualties** were provisionally recorded. This figure for January to September 2017 represents a decrease of **38%** compared with 69 casualties reported from January to September 2016. All of the 43 casualties:

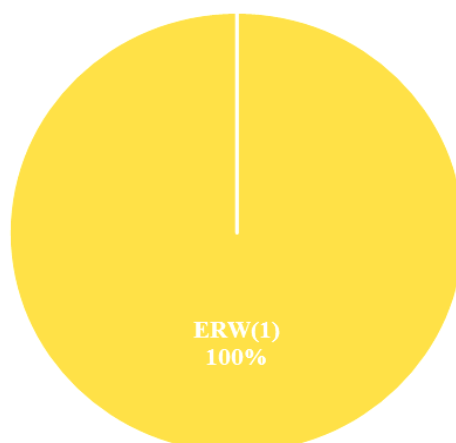
- 16 (37%) were mines casualties and 27 (63%) were ERW casualties.
- 9 (21%) people killed, 23 (53%) people injured and 11 (26%) people amputated.
- 26 (60%) casualties were men, 12 (28%) casualties were boys (age<18), 3 (7%) casualties were women, 2 (5%) casualty was a girl (age<18).

4- Accident Summary for September 2017

In September 2017, **1 ERW accident** was provisionally recorded in Kandal province (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 September 2017 is presented a decrease 14% compare with 7 Mine/ERW accidents reported in September 2016.

- **Type of explosive ordnance**

Number of accidents caused by mines and ERW



- **Information about accident area**
 - 1 accident occurred in Village or urban/built-up area.

Information on the accident area for September 2017



5- Casualty Summary for September 2017

In September 2017, **4 ERW casualties** were provisionally recorded. This figure for September 2017 is a decrease of **33%** compared with 6 casualties reported in September 2016.

- 4 (100%) people by ERW accidents.
- 2 (50%) people killed, and 2 (50%) people injured.
- 3 (75%) casualties were boys (age<18), and 1 (25%) casualty was a girl (age<18).

- **Activity at the time of accident**

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

- Handling Mine/ERW activity (4 casualties).

Activity at the time of accident for September 2017

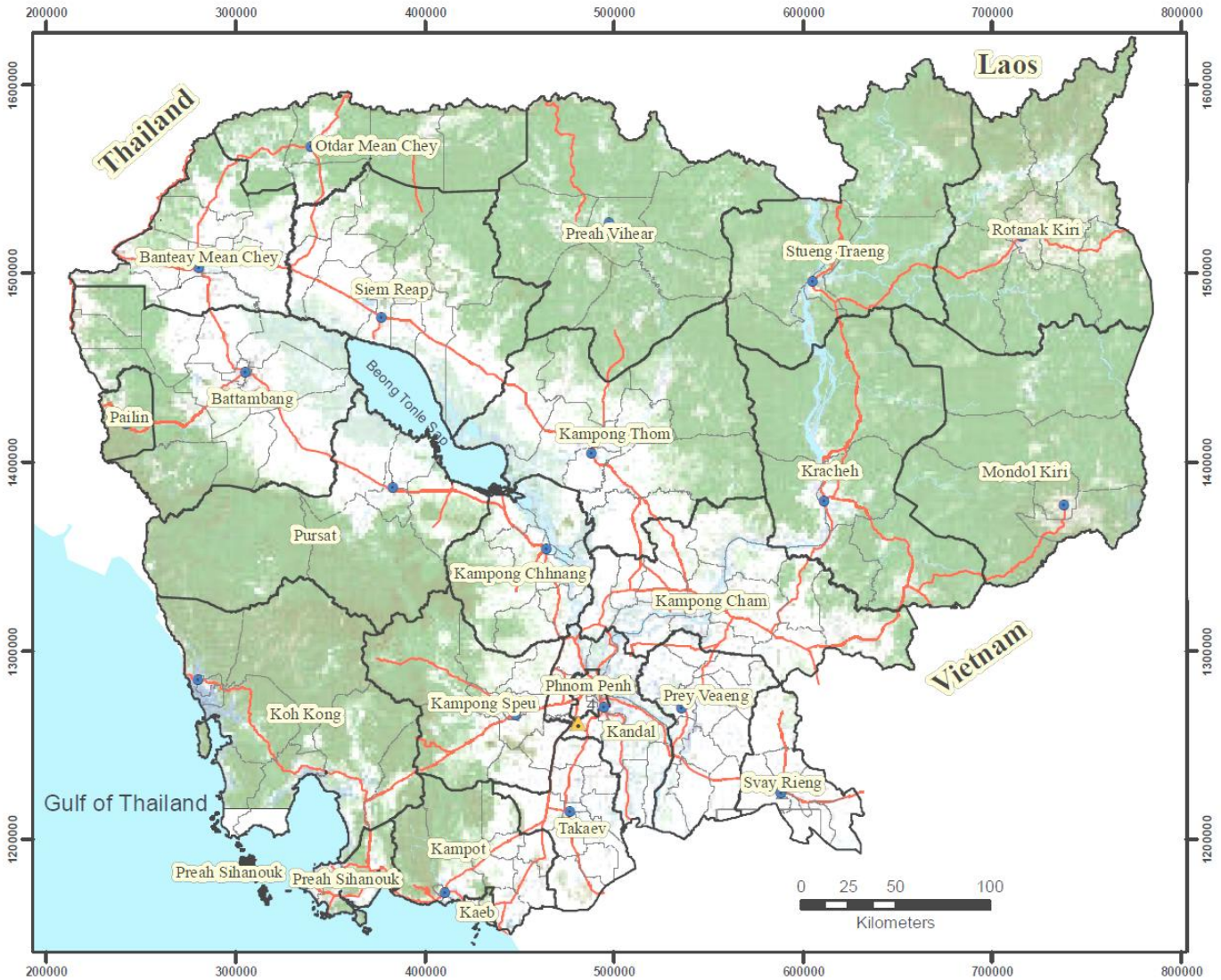


6- Impact of accident area for the period of January 2016 to September 2017 (126 casualties)







- 05 most affected provinces represent for **63%** of total casualties.
- 10 most affected districts represent for **49%** of total casualties.
- 10 most affected communes represent for **31%** of total casualties.

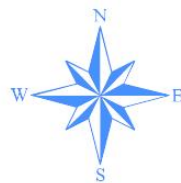
For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location from September 2017
Accident: 01, Casualties 04



Legend

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



Produced by CMVIS, Oct 2017

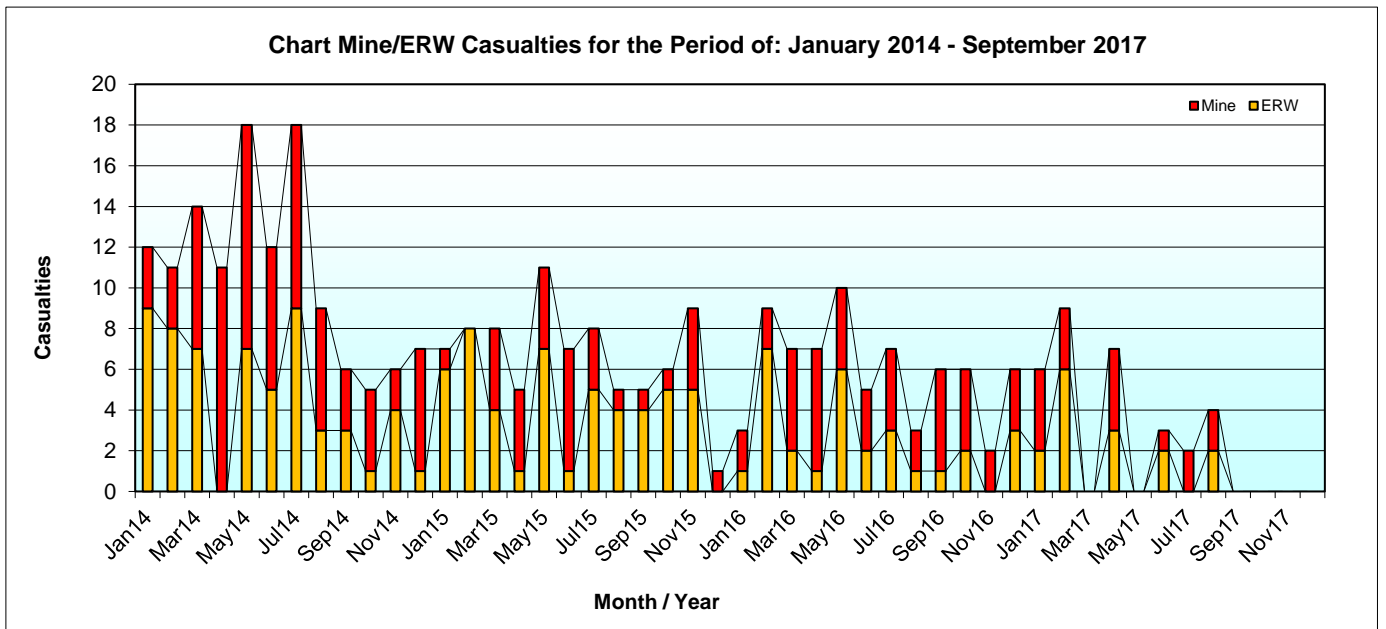
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmvis.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2014 - September 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				43
monthly change +/- from 2016	0	1	-7	-1	-8	-4	-6	1	-2				
monthly change % from 2016	0	10	-100	-13	-73	-57	-75	25	-33				
<i>Running Total 2017</i>	8	19	19	26	29	32	34	39	43				
% change 2016 to 2017	0	5.6	-24	-21.2	-34.1	-37.3	-42.4	-38.1	-37.7				

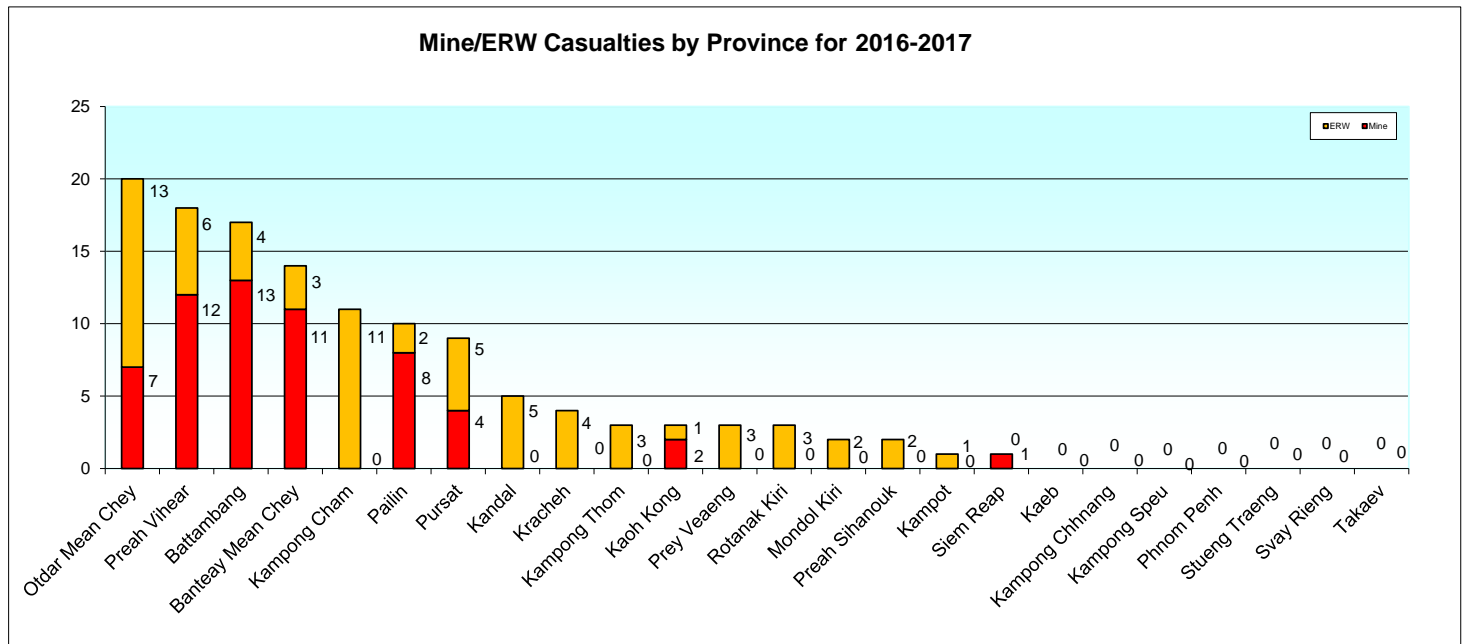
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2016 - Sep2017

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	1	0	0	0	11	20	15.9	16		
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	7	18	38	14.3	30	
Battambang	3	1	3	0	1	0	1	1	2	1	0	2	15	0	0	0	0	0	1	1	0	0	0	2	17	55	13.5	44	
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	3	14	69	11.1	55	
Kampong Cham	2	0	0	0	0	0	3	0	0	2	0	0	7	0	0	0	2	2	0	0	0	0	0	4	11	80	8.7	63	
Pailin	0	2	0	0	0	0	2	0	1	1	1	0	7	3	0	0	0	0	0	0	0	0	0	3	10	90	7.9	71	
Pursat	0	2	1	2	0	0	1	0	0	1	0	0	7	2	0	0	0	0	0	0	0	0	0	2	9	99	7.1	79	
Kandal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5	5	104	4	83	
Kracheh	1	0	0	0	0	0	0	0	0	0	0	3	4	0	0	0	0	0	0	0	0	0	0	0	4	108	3.2	86	
Kampong Thom	0	2	0	0	0	0	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	111	2.4	88	
Kaoh Kong	0	0	0	0	0	0	0	1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	3	114	2.4	90	
Rotanak Kiri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	3	117	2.4	93	
Prey Veaeang	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	120	2.4	95	
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	2	2	122	1.6	97	
Preah Sihanouk	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	124	1.6	98	
Siem Reap	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	125	0.8	99	
Kampot	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	126	0.8	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	126	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	126	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	126	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	126	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	126	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	126	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	126	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	0	0	43	126			



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Sep2017

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	7	13	20	20
2	Preah Vihear	12	6	18	38
3	Battambang	13	4	17	55
4	Banteay Mean Chey	11	3	14	69
5	Kampong Cham	0	11	11	80

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Sep2017

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	Thma Puok	Banteay Mean Chey	5	1	6	45
7	Phnum Kravanh	Pursat	0	5	5	50
8	Veal Veaeng	Pursat	4	0	4	54
9	Kandal Stueng	Kandal	0	4	4	58
10	Pailin	Pailin	4	0	4	62

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Sep2017

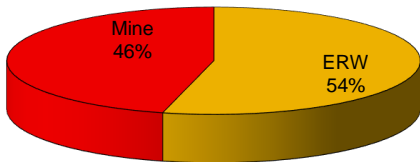
Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Choam Ksant	Choam Khsant	Preah Vihear	6	0	6	6
2	Tumnob Dach	Trapeang Prasat	Otdar Mean Chey	1	4	5	11
3	Ba Yakha	Pailin	Pailin	4	0	4	15
4	Barku	Kandal Stueng	Kandal	0	4	4	19
5	Kantuot	Choam Khsant	Preah Vihear	3	1	4	23
6	Tuek Kraham	Choam Khsant	Preah Vihear	3	1	4	27
7	Choam	Memot	Kampong Cham	0	3	3	30
8	Kouk Romiet	Thma Puok	Banteay Mean Chey	2	1	3	33
9	Srae Char	Snuol	Kracheh	0	3	3	36
10	Bak Chenhchien	Phnum Kravanh	Pursat	0	3	3	39

OVERVIEW OF MINE/ERW ACCIDENTS

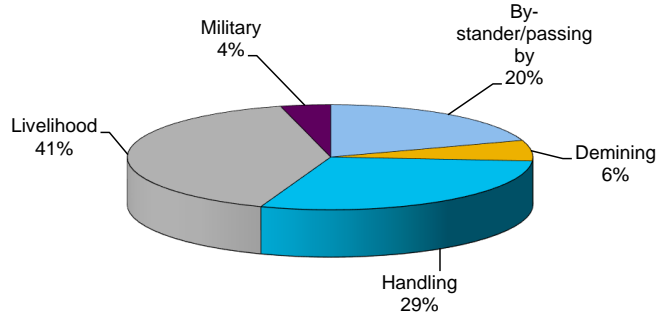
Jan2016 - Sep2017

Total Number of Casualties during Reporting Period: 126

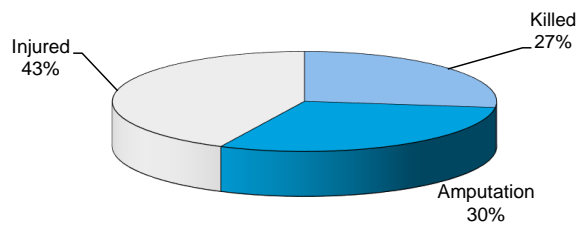
Mine/ERW Distribution



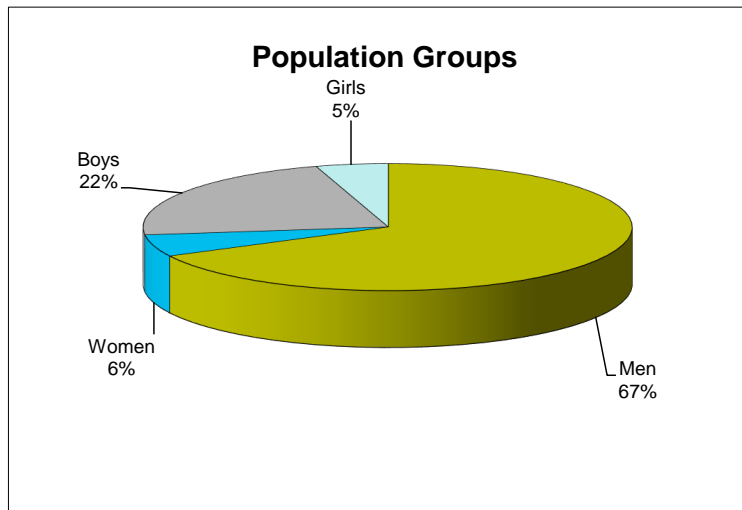
Cause of Casualty



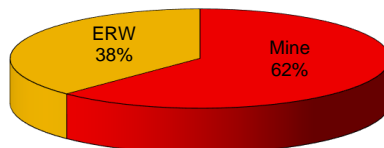
Casualty Types



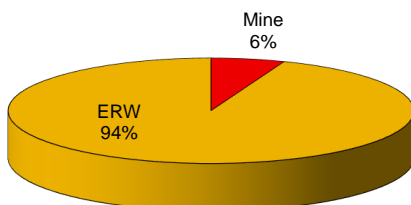
MINE/ERW ACCIDENT OVERVIEW



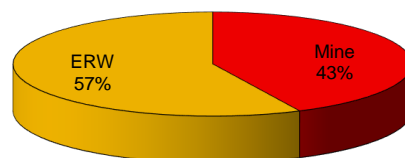
Men



Children



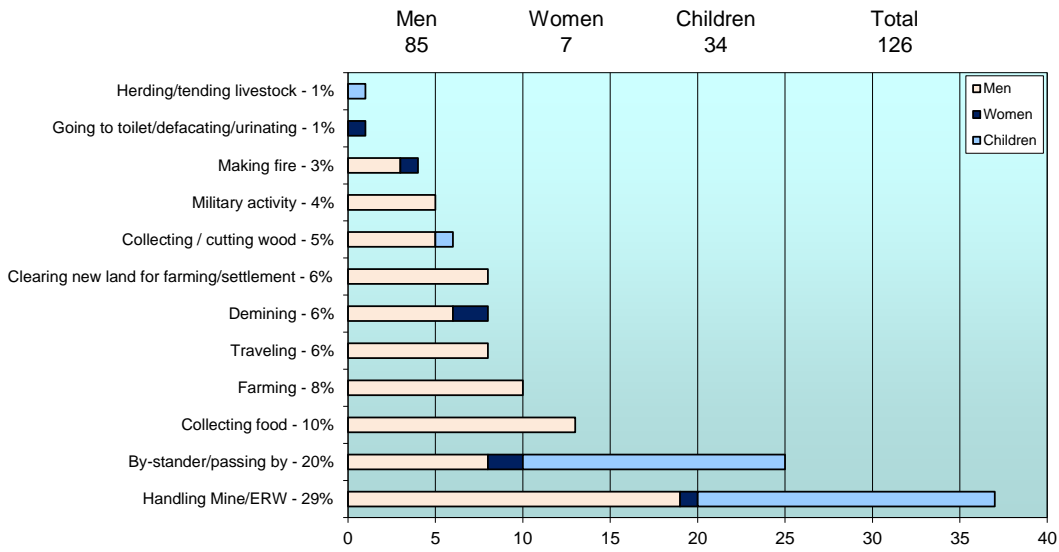
Women



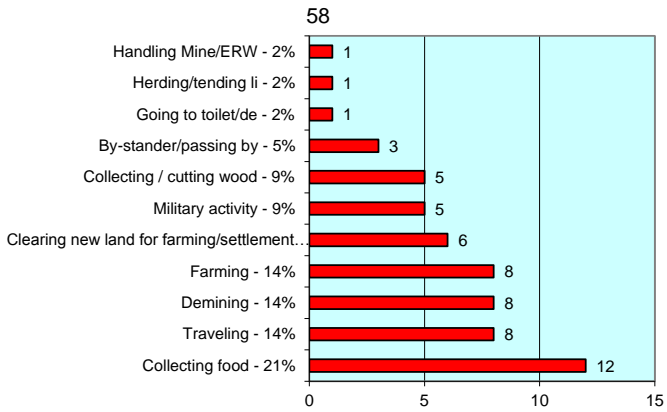
Jan2016 - Sep2017

Number of accidents during Reporting Period: **126**

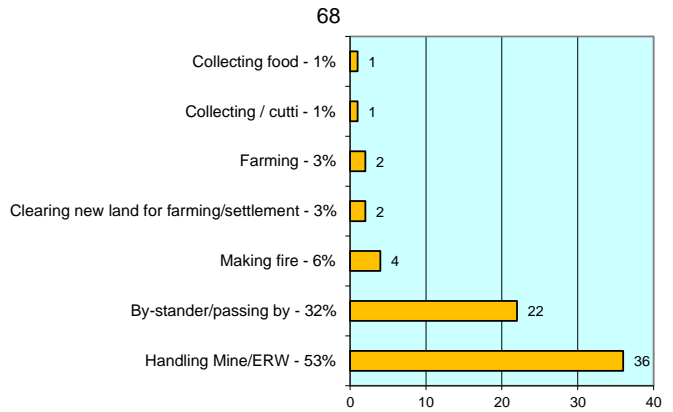
Cause of Accident by Total Population Group



Activities - Mines

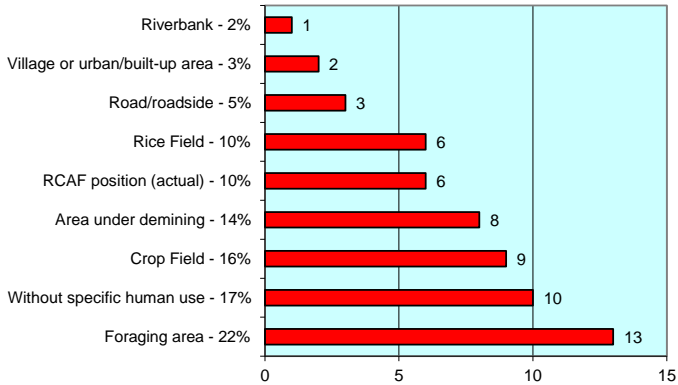


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

