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C.M.A.A

CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
ON
EXPLOSIVE ORDNANCE ACCIDENTS
FOR JANUARY 2022**

Background

The Cambodia Mine/ERW Victim Information System (CMVIS) established in 1994 by the Cambodian Red Cross with technical and financial support 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 for full management responsibility.

Explosive Ordnance (EO) Accident and Casualty Information

1- Total Casualties reported from January 1979 to January 2022

For the period of January 1979 to January 2022, a total of **64973** EO casualties were recorded by CMVIS official.

All of the 64973 EO casualties:

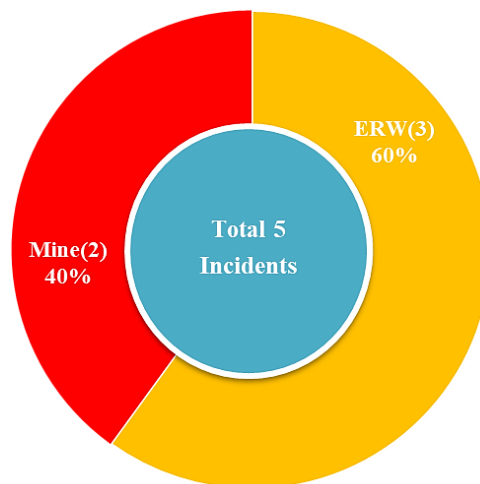
- 51154 (79%) were Mine casualties, and 13819 (21%) were ERW casualties.
- 36089 (56%) people injured, 19813 (30%) people killed, and 9071 (14%) people amputated.
- 52630 (81%) casualties were men, 6095 (9%) casualties were boys (age<18), 4792 (8%) casualties were women, 1393 (2%) casualties were girls (age<18), and 63 (0%) casualties were unknowns.

2- Accident Summary for January 2022

In January 2022, **5 EO** accidents were provisionally recorded in Preah Vihear, Pursat, Kampong Thom, and Ratanak Kiri provinces (CMVIS data gatherers collected information about accidents primarily through interviews with local authorities, Mine action agencies, relatives, families of casualties, or casualty's themselves). The figure for January 2022 is decreased by 17% compared with 6 EO accidents reported in January 2021. Of the 5 EO accidents, 2 were mine accidents and 3 were ERW accidents.

- Type of explosive ordnance

Number of incidents caused by EO



- Information about EO accident area for January 2022

- 1 Mine accident in Area Under Demining
- 1 Mine accident in Foraging Area
- 1 ERW accident in Crop Land
- 1 ERW accident in Riverbank
- 1 ERW accident in Village.

3- Casualty Summary for January 2022

In January 2022, **9 EO casualties** were provisionally recorded. This figure for January 2022 is increased by 50% compared with 6 EO casualties in January 2021.

Of the 9 EO casualties:

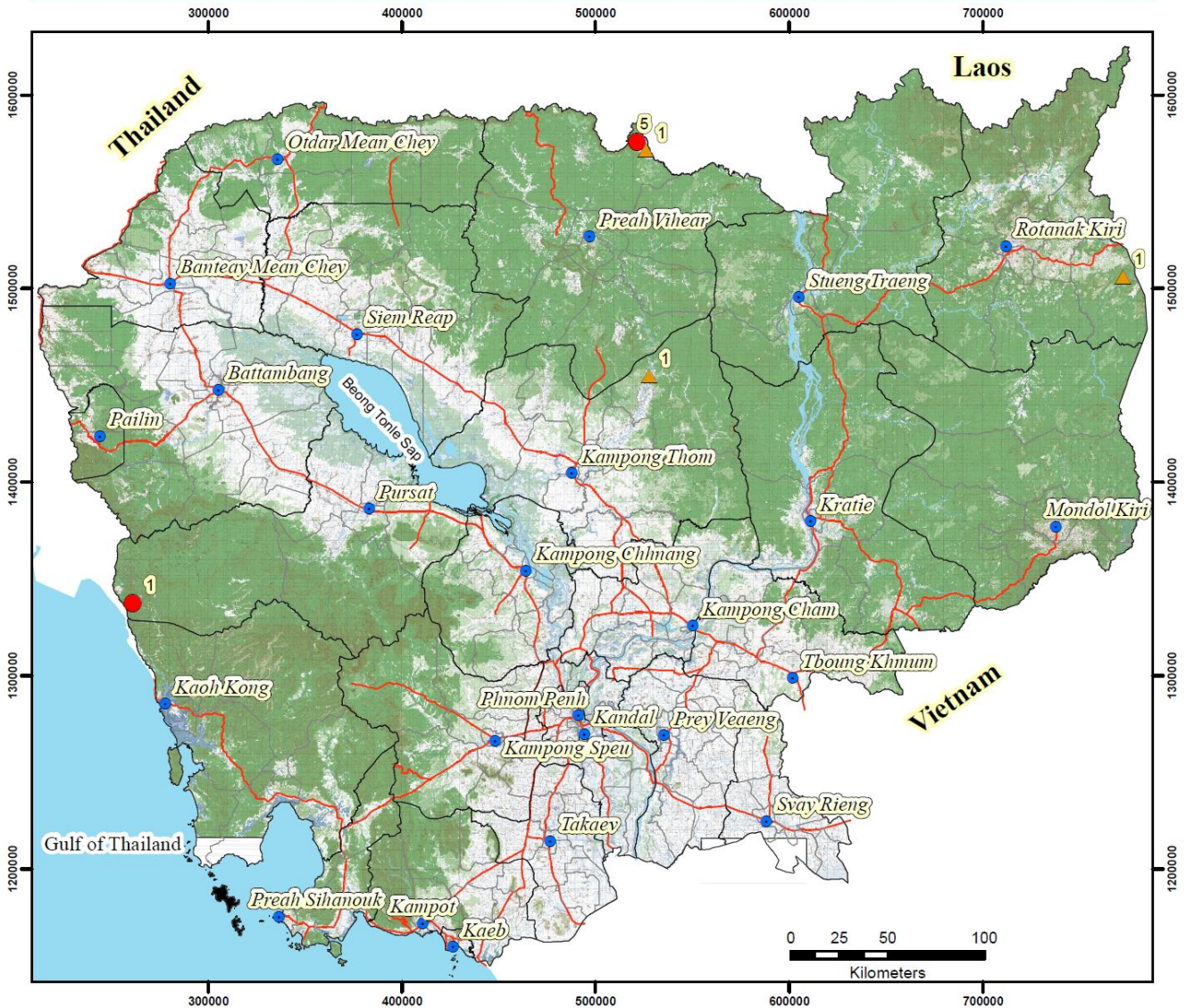
- 6 people were mine casualties and 3 people were ERW casualties.
- 5 people killed, 3 people injured, and 1 people amputated.
- 8 casualties were men and 1 casualty was a boy (age<18).
- The activity at the time of accident of casualties as below:
 - Demining activity accounted for 4 casualties
 - Handling ERW activity accounted for 2 casualties
 - Clearing land for agriculture activity accounted for 2 casualties and
 - By-stander activity accounted for 1 casualty.

4- Impact of accident area for the period of January 2021 to January 2022 (53 casualties)

- 05 most affected provinces represent **75%** of total casualties.
- 10 most affected districts represent **71%** of total casualties.
- 10 most affected communes represent **49%** of total casualties.

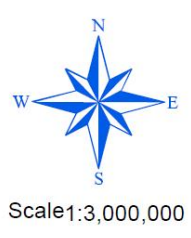
For detailed information, please see on page 7.

**Explosive Ordnance Accident location in January 2022
Accident: 5 cases, Casualty: 9 people**



Legend

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



Produced by CMVIS, Feb 2022

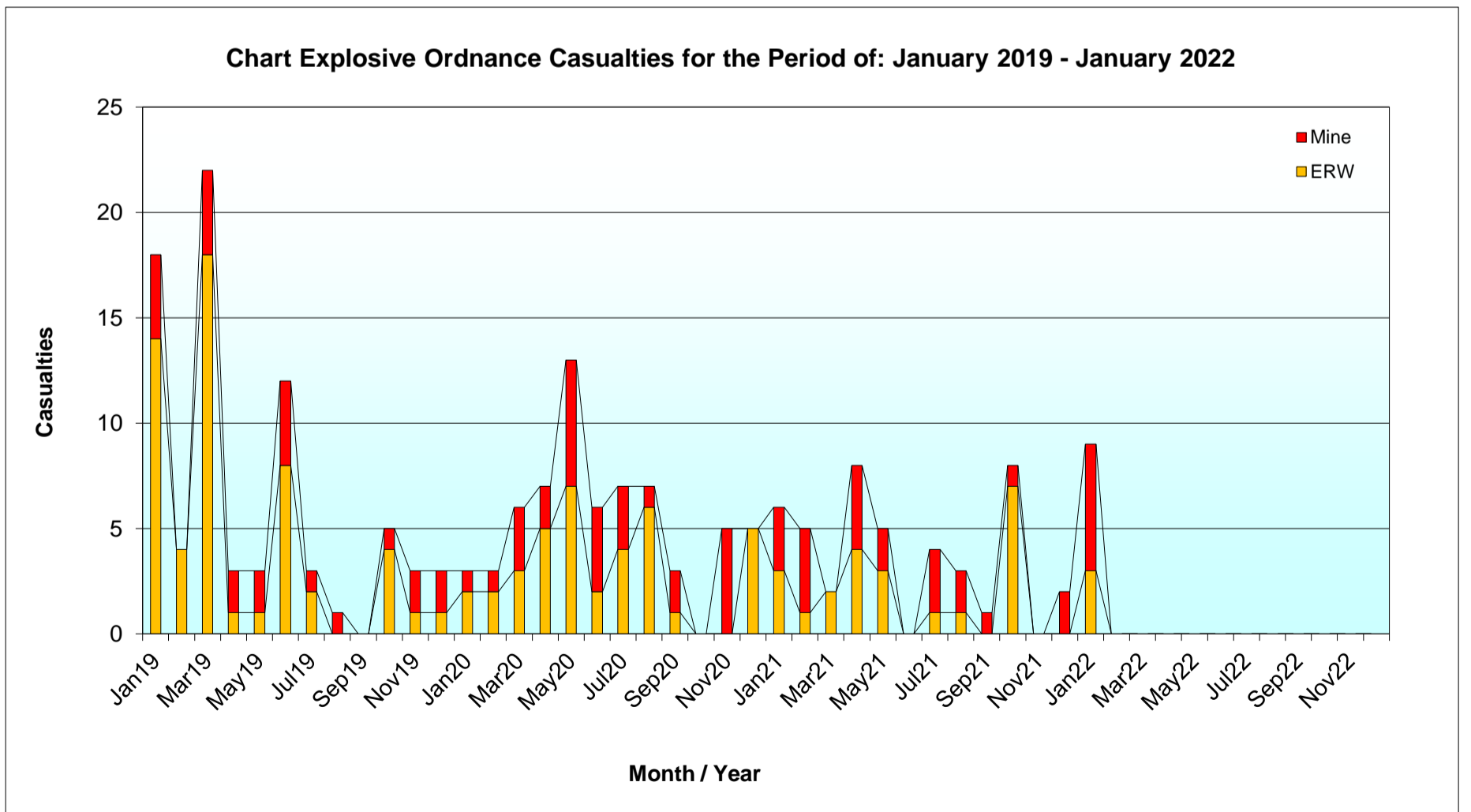
Further analysis and detailed EO casualty/accident information are available on request, including the production of risk maps and the provision of village-level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketva@cmaa.gov.kh

Casualty Trend

Report Explosive Ordnance Casualties for the Period of: January 2019 - January 2022

Year	Casualties by Month												Total
	Jan	Feb	Mar	April	May	Jun	July	Aug	Sept	Oct	Nov	Dec	
2019	18	4	22	3	3	12	3	1	0	5	3	3	77
<i>Running Total 2019</i>	18	22	44	47	50	62	65	66	66	71	74	77	
2020	3	3	6	7	13	6	7	7	3	0	5	5	65
<i>Running Total 2020</i>	3	6	12	19	32	38	45	52	55	55	60	65	
% change 2019 to 2020	-83	-73	-73	-60	-36	-39	-31	-21	-17	-23	-19	-16	
2021	6	5	2	8	5	0	4	3	1	8	0	2	44
monthly change +/- from 2020	3	2	-4	1	-8	-6	-3	-4	-2	8	-5	-3	
monthly change % from 2020	100	67	-67	14	-62	-100	-43	-57	-67	100	-100	-60	
<i>Running Total 2021</i>	6	11	13	21	26	26	30	33	34	42	42	44	
% change 2020 to 2021	100	83	8	11	-19	-32	-33	-37	-38	-24	-30	-32	
2022	9												9
monthly change +/- from 2021	3												
monthly change % from 2021	50												
<i>Running Total 2022</i>	9												
% change 2021 to 2022	50												

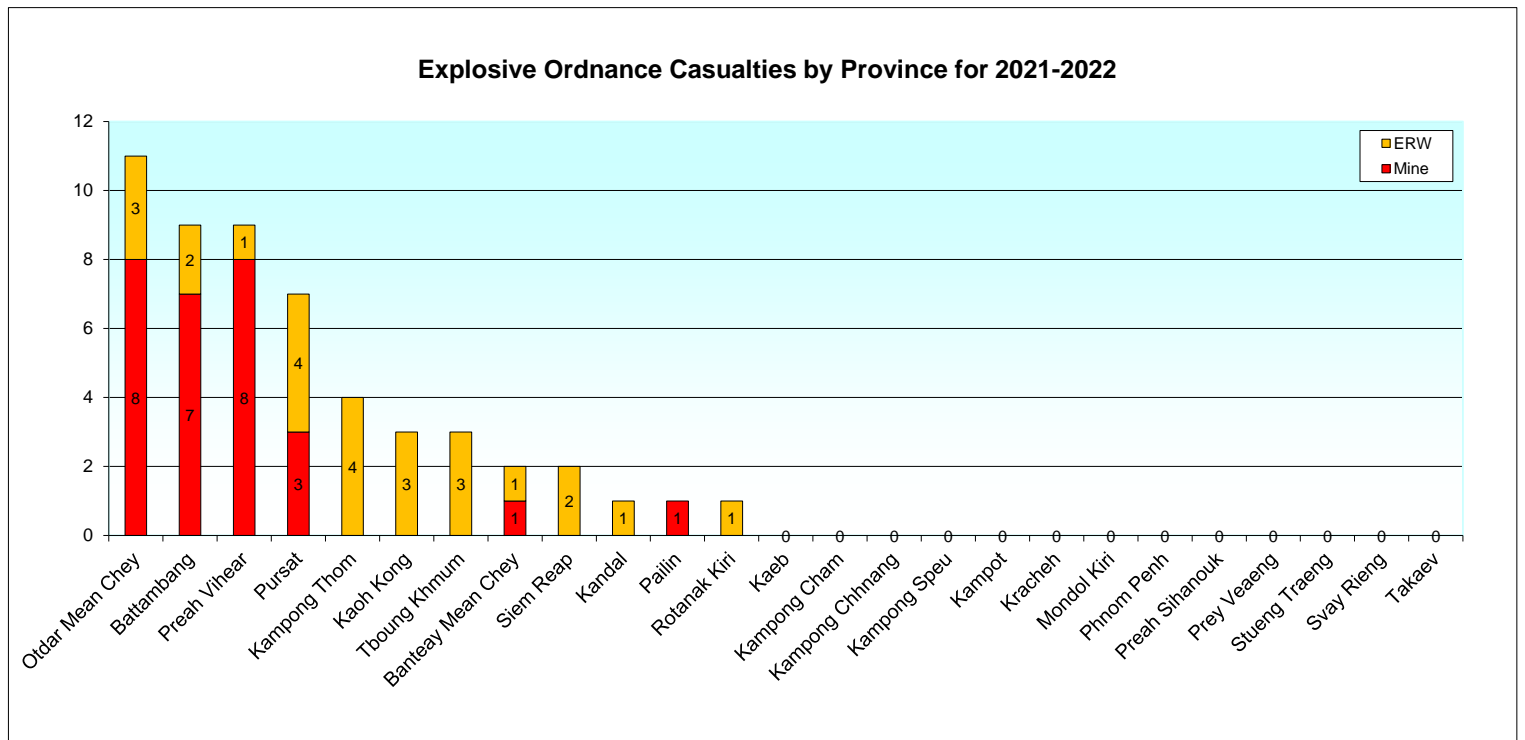
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Explosive Ordnance Accident Casualties: Jan2021 - Jan2022

Provinces ranked by Total Explosive Ordnance Casualties for 2021 - 2022

Province	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total 2021		Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Total 2022	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.	No.				No.
Otdar Mean Chey	1	3	1	3	0	0	1	0	0	1	0	1	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	20.8	21
Battambang	2	0	1	1	2	0	0	2	1	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	20	17	38
Preah Vihear	0	0	0	0	0	0	2	0	0	0	0	1	3	6	0	0	0	0	0	0	0	0	0	0	0	0	6	9	29	17	55
Pursat	2	0	0	0	2	0	1	0	0	1	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	1	7	36	13.2	68
Kampong Thom	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	40	7.5	75
Tboung Khmum	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	43	5.7	81
Kaoh Kong	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	46	5.7	87
Banteay Mean Chey	0	1	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	48	3.8	91
Siem Reap	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	50	3.8	94
Pailin	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	51	1.9	96
Kandal	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	0	1	52	1.9	98
Rotanak Kiri	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	53	1.9	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	0	53	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	0	53	0	100
Kampong Cham	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	0	53	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	0	53	0	100
Kracheh	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	0	53	0	100
Mondol Kiri	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	0	53	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	0	53	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	0	53	0	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	0	0	0	53	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	0	0	0	53	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	0	53	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	0	53	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	0	0	0	53	0	100
TOTAL	6	5	2	8	5	0	4	3	1	8	0	2	44	9	0	0	0	0	0	0	0	0	0	0	0	0	9	53			



5 Most Affected Provinces for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2021 - Jan2022

Rank	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Otdar Mean Chey	8	3	11	11
2	Battambang	7	2	9	20
3	Preah Vihear	8	1	9	29
4	Pursat	3	4	7	36
5	Kampong Thom	0	4	4	40

10 Most Affected Districts for Explosive Ordnance Casualties

Ranked by Total Casualties

Jan2021 - Jan2022

Rank	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cumulative Total
1	Choam Khsant	Preah Vihear	8	1	9	9
2	Anlong Veang	Otdar Mean Chey	6	1	7	16
3	Veal Veang	Pursat	2	2	4	20
4	Samlout	Battambang	3	0	3	23
5	Prasat Balangk	Kampong Thom	0	3	3	26
6	Botum Sakor	Kaoh Kong	0	3	3	29
7	Dambae	Tboung Khmum	0	3	3	32
8	Trapeang Prasat	Otdar Mean Chey	1	1	2	34
9	Banan	Battambang	2	0	2	36
10	Samraong	Otdar Mean Chey	1	1	2	38

10 Most Affected Communes for Explosive Ordnance Casualties

Ranked by Total Casualties

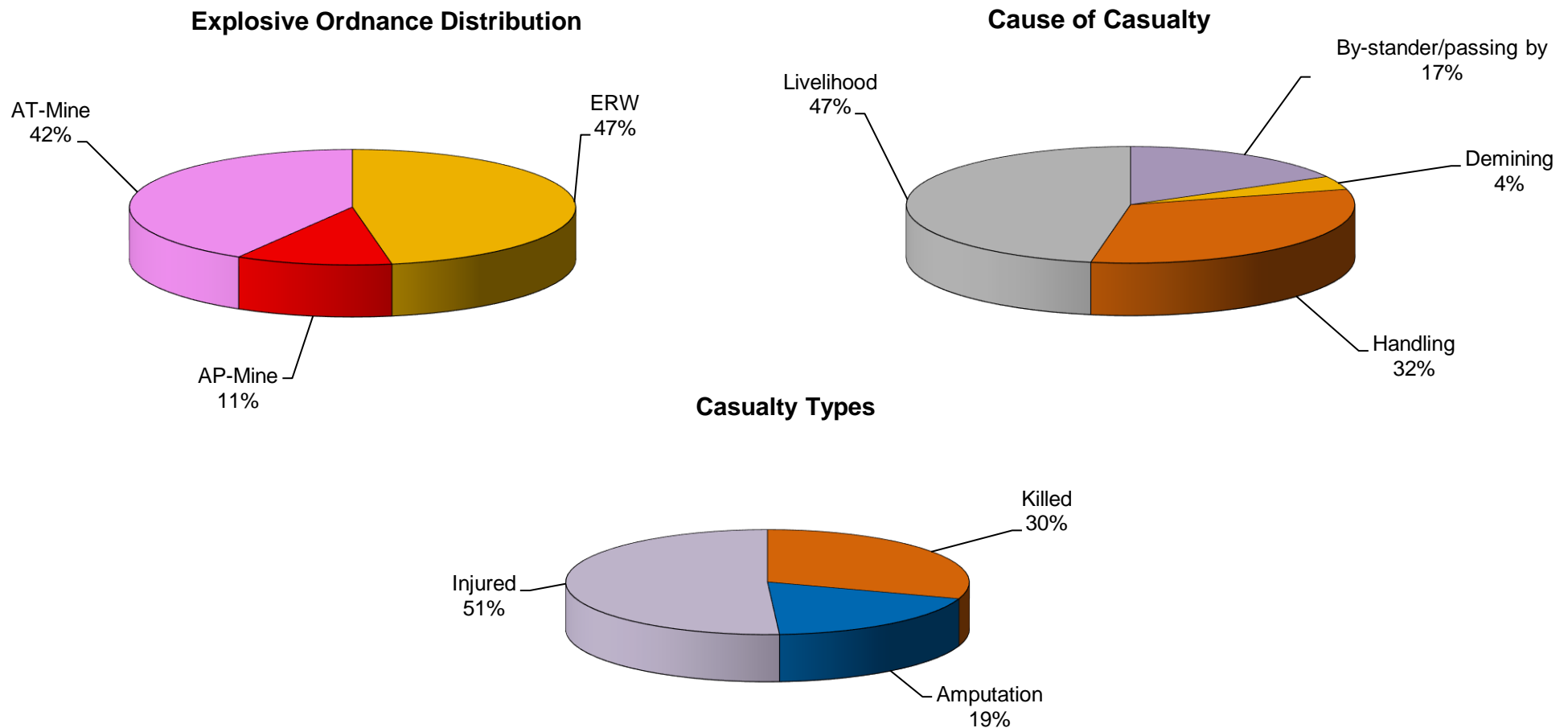
Jan2021 - Jan2022

Rank	Commune	District	Province	Mine Casualties	ERW Casualties	Total Casualties	Cum. Total
1	Morokot	Choam Khsant	Preah Vihear	5	1	6	6
2	Sala Visai	Prasat Balangk	Kampong Thom	0	3	3	9
3	Andoung Tuek	Botum Sakor	Kaoh Kong	0	3	3	12
4	Trapeang Pring	Dambae	Tboung Khmum	0	3	3	15
5	Lumtong	Anlong Veang	Otdar Mean Chey	2	0	2	17
6	Ou Saom	Veal Veang	Pursat	0	2	2	19
7	Thma Da	Veal Veang	Pursat	2	0	2	21
8	Sung	Samlout	Battambang	2	0	2	23
9	Kamrieng	Kamrieng	Battambang	0	2	2	25
10	Trapeang Prei	Anlong Veang	Otdar Mean Chey	2	0	2	27

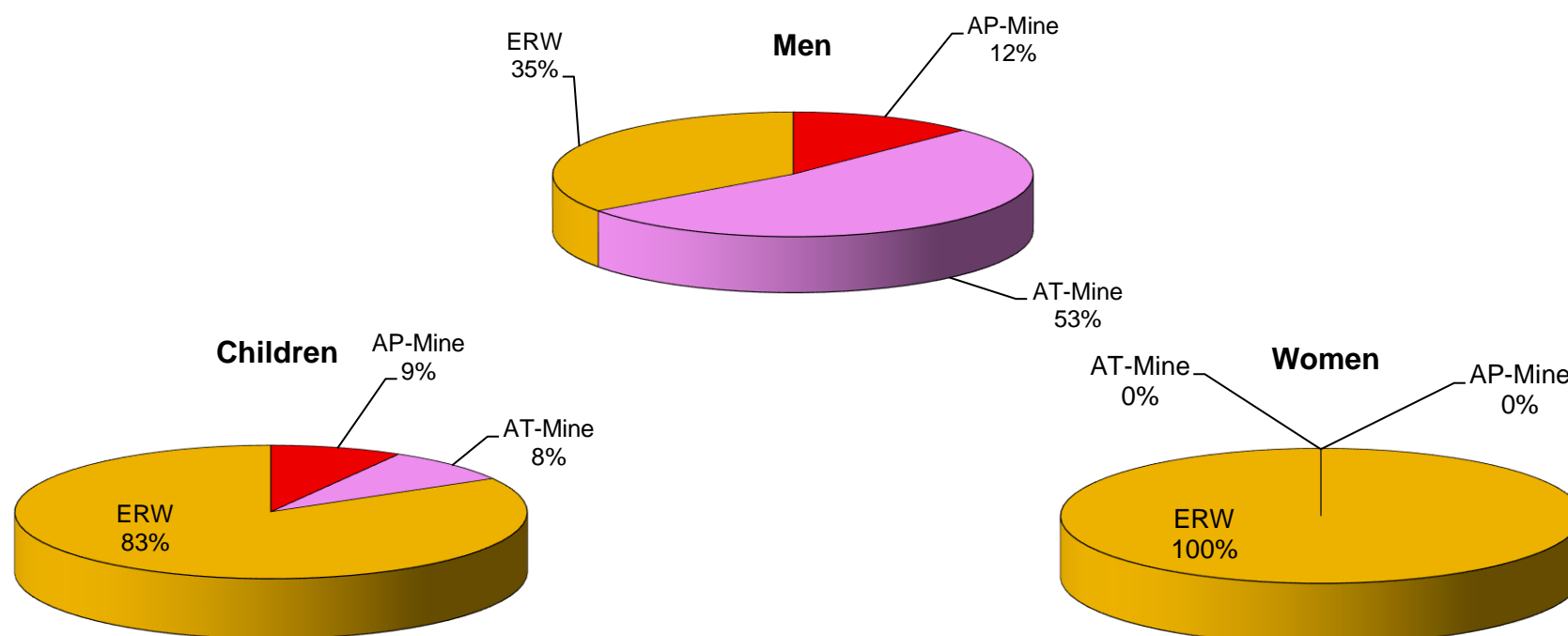
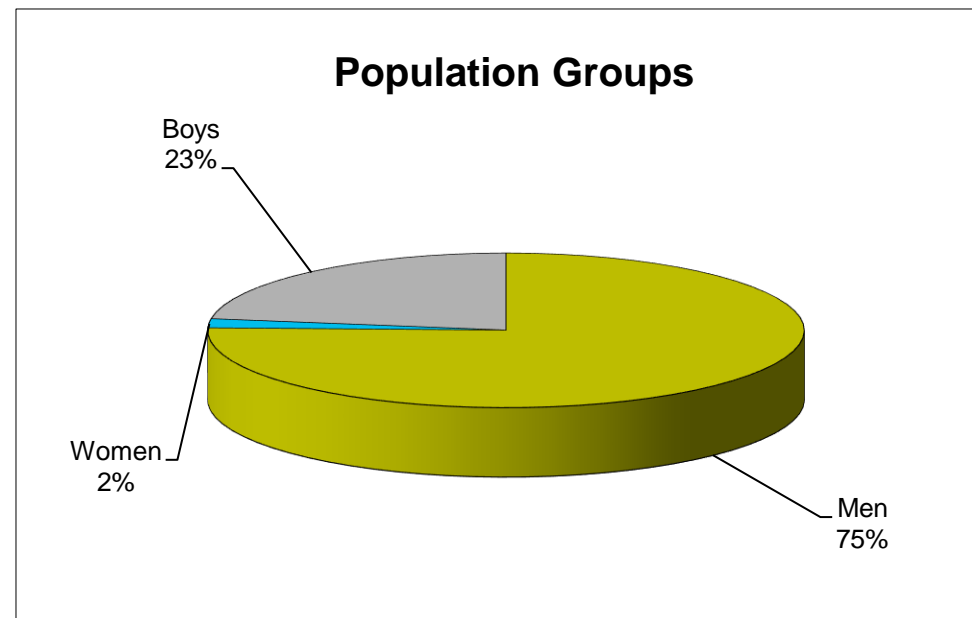
OVERVIEW OF EXPLOSIVE ORDNANCE ACCIDENTS

Jan2021 - Jan2022

Total Number of Casualties during Reporting Period: 53



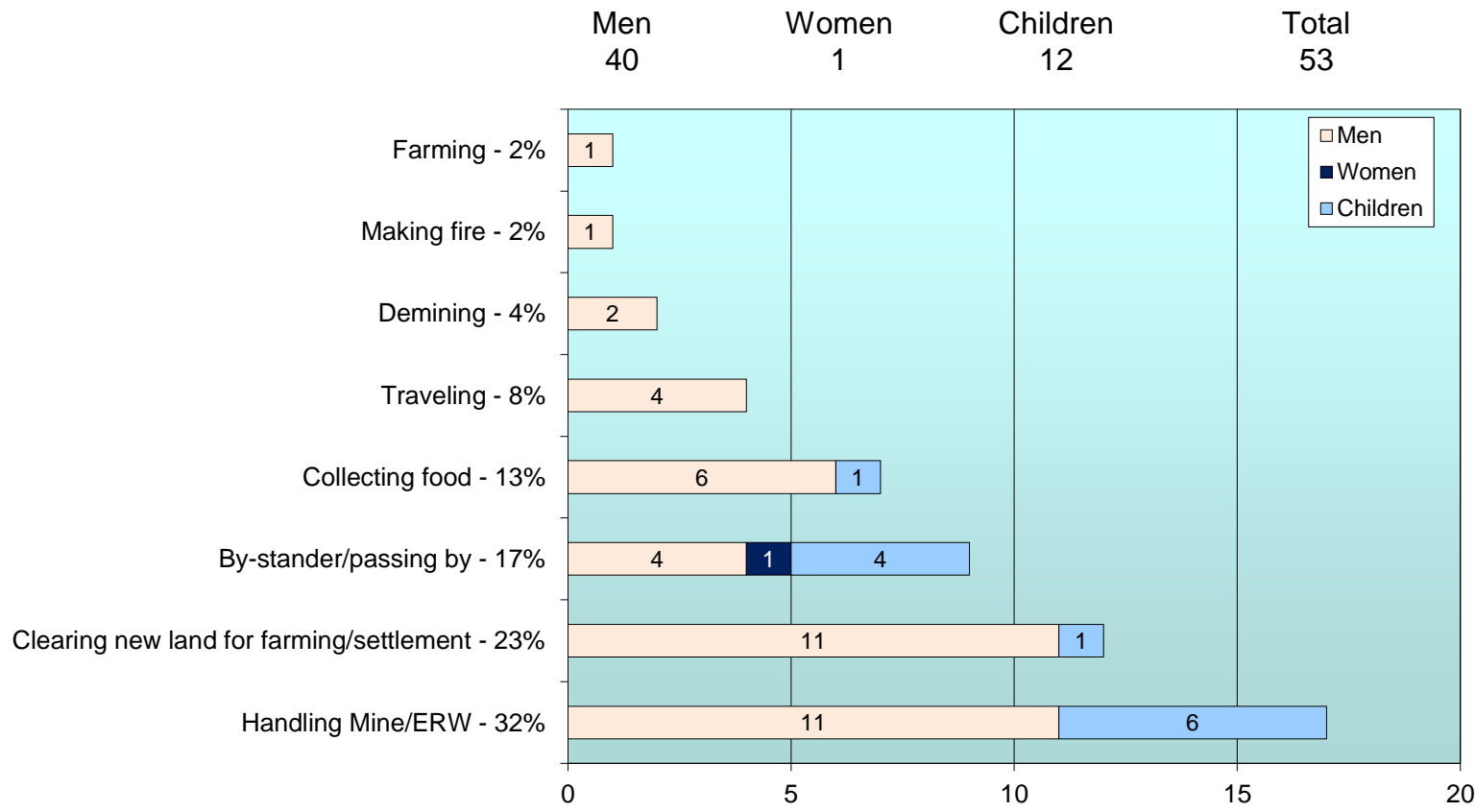
EXPLOSIVE ORDNANCE ACCIDENT OVERVIEW



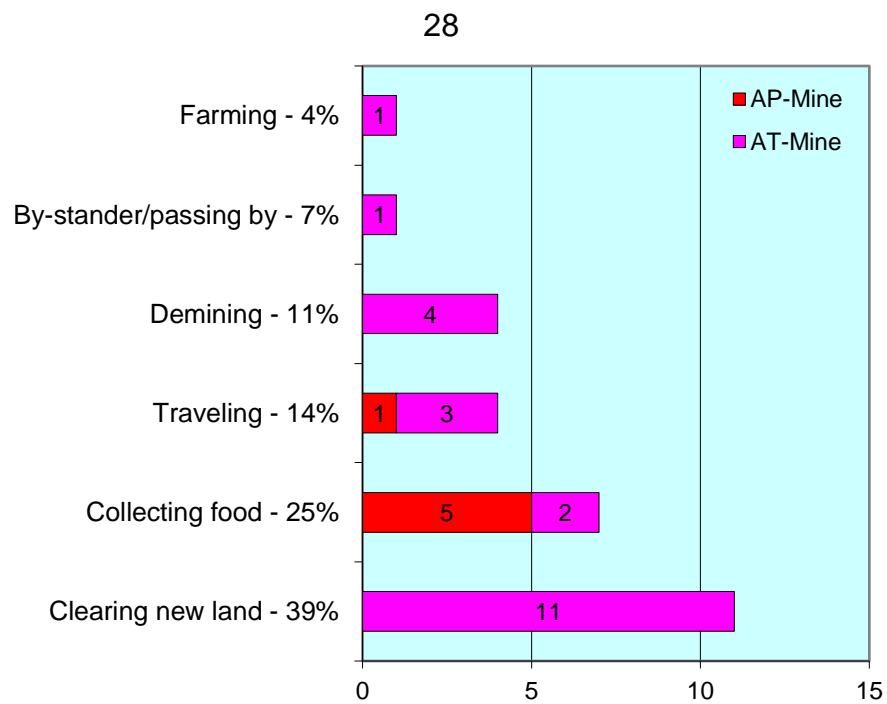
Jan2021 - Jan2022

Number of accidents during Reporting Period: 53

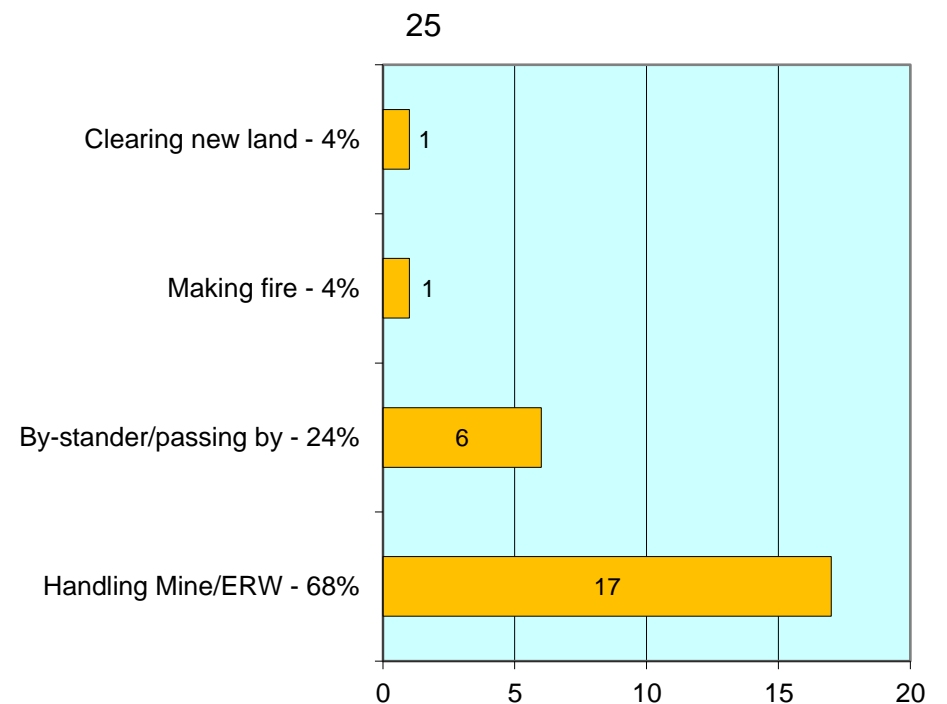
Cause of Accident by Total Population Group



Activities - Mines

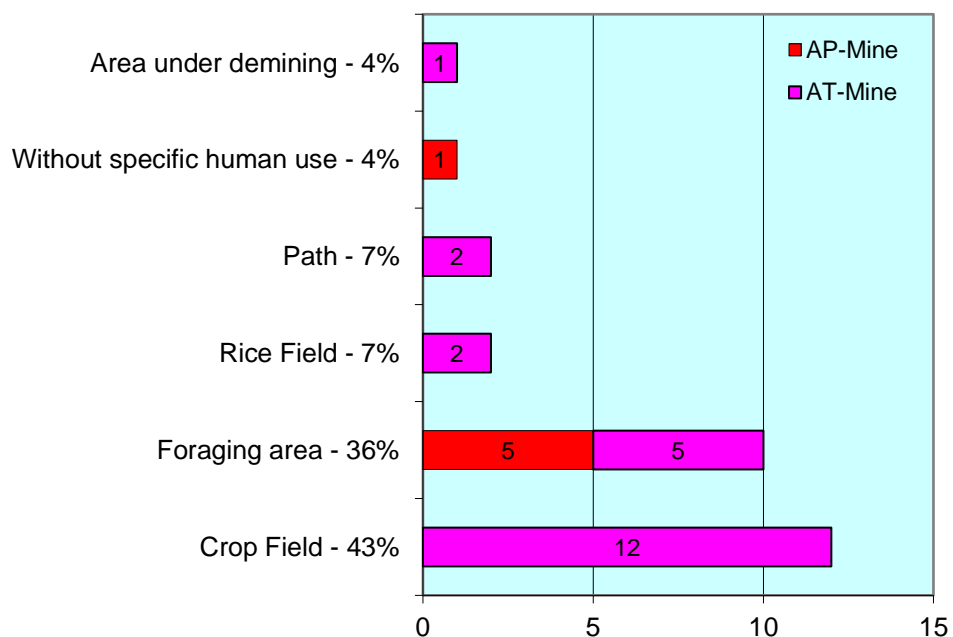


Activities - ERW



Explosive Ordnance Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

