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C.M.A.A



CAMBODIA MINE/ERW VICTIM INFORMATION SYSTEM

**MONTHLY REPORT
FOR
JANUARY 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 January 2017

For the period of 1979 to January 2017, a total of **64670** mine/ERW casualties were recorded by CMVIS data gatherers. Of the 64670 casualties:

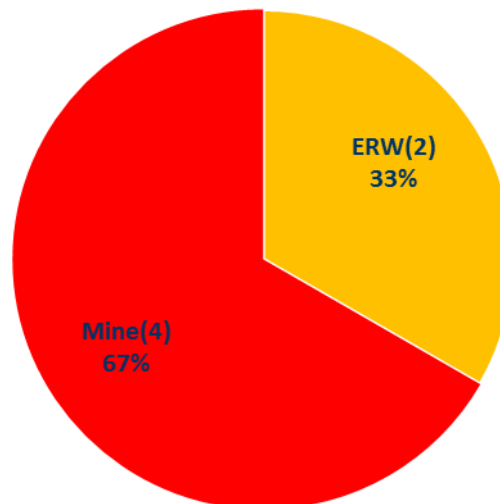
- 51044 (79%) were mine casualties and 13626 (21%) were ERW casualties.
- 19750 (31%) people killed, 35909 (55%) people injured and 9011 (14%) people amputated.
- 52429 (81%) casualties are men, 6024 (9%) casualties are boys (age<18), 4770 (8%) casualties are women, 1384 (2%) casualties are girls (age<18) and 63 (0%) casualties are unknowns.

2- Accident Summary for January 2017

In January 2017, **6 Mine/ERW accidents** were provisionally recorded in the provinces of: Pailin, Otdar Meanchey, Pursat, and Banteay meanchey (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 January 2017 represents is a similar with 6 mine/ERW accidents reported in January 2016.

- **Type of explosive ordnance**

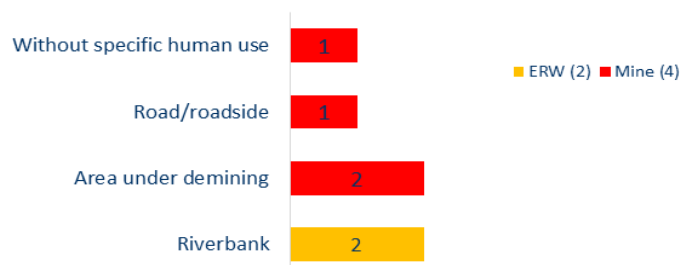
Number of accidents caused by mines and ERW



- **Information about accident area**

- 2 accident occurred in Riverbank
- 2 accident occurred in Area under demining
- 1 accident occurred in Road
- 1 accident occurred in Land without specific human use area.

Information on the accident area for January 2017



3- Casualty Summary for January 2017

In January 2017, **8 Mine/ERW casualties** were provisionally recorded. This figure for January 2017 represents a similar with 8 casualties reported in January 2016. Of the 8 casualties:

- 4 (50%) people injured by Mine accidents, and 4 (50%) people killed/Injured by ERW accident.
- 2 (25%) people killed, 3 (37.5%) people injured, and 3 (37.5%) people amputated.
- 6 (75%) casualties were men, 1 (12.5%) casualty was boy age under 18 years old, and 1 (12.5%) people was a woman.

- **Activity at the time of accident**

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

- Demining activity (3 casualties)
- Handling Mine/ERW activity (2 casualty)
- By-stander activity (2 casualties)
- Collecting food activity (1 casualty).

Activity at the time of accident for January 2017

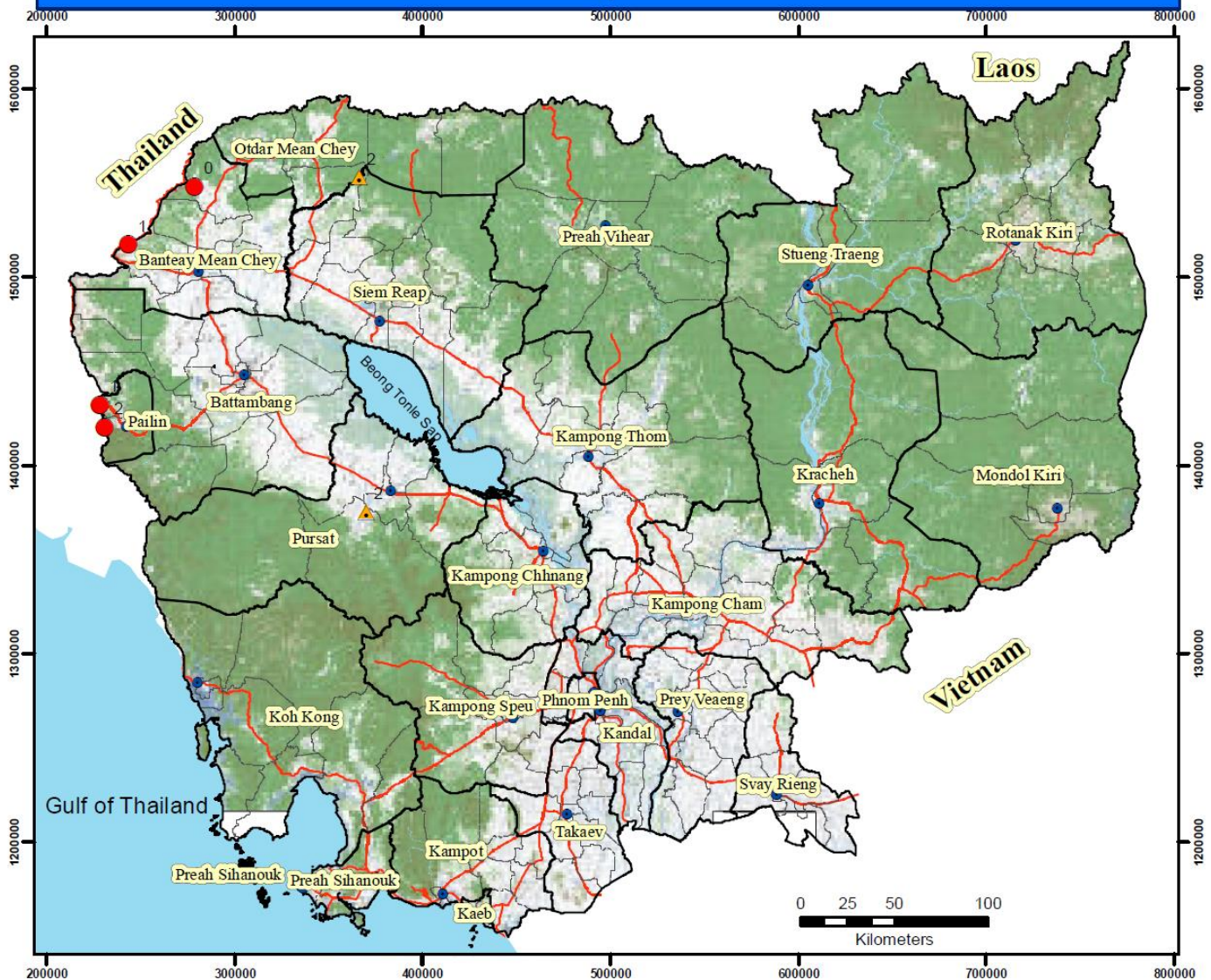


4- Impact of accident area for the period of January 2016 to January 2017 (91 casualties)

- 05 most affected provinces represent for **65%** of total casualties.
- 10 most affected districts represent for **53%** of total casualties.
- 10 most affected communes represent for **35%** of total casualties.

For detailed information, please see on page 7.

CAMBODIA MINE VICTIM INFORMATION SYSTEM
MINE/ERW Accident location in January 2017
Accidents: 06, Casualties 08

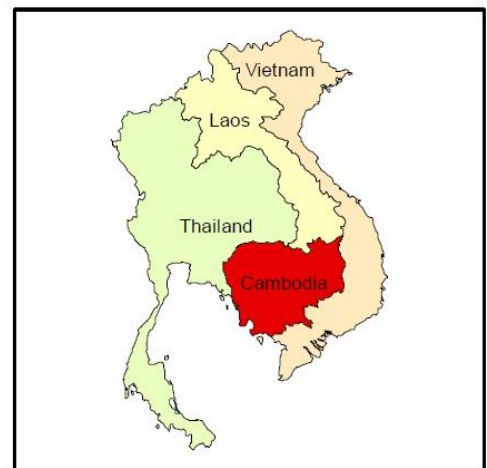


Legend

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



Scale 1:3,200,000



Produced by CMVIS, Feb 2017

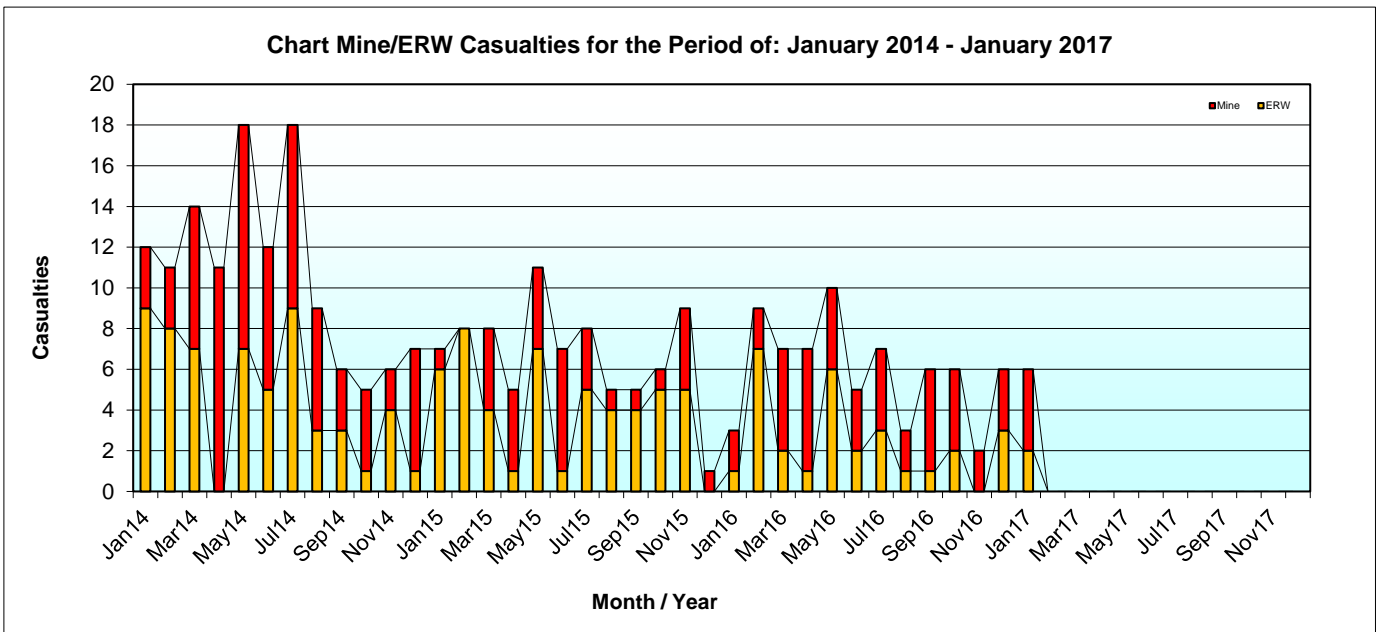
Further analysis and detailed Mine/ERW casualty/accident information are available on request, including the production of risk-maps and the provision of village level data. For customised reports more suited to your organisation's needs, contact CMVIS office: ketya@cmaa.gov.kh

Casualty Trend

Report Mine/ERW Casualties for the Period of: January 2014 - January 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 | | | | | | | | | | | | 8 |
| monthly change +/- from 2016 | 0 | | | | | | | | | | | | |
| monthly change % from 2016 | 0 | | | | | | | | | | | | |
| <i>Running Total 2017</i> | 8 | | | | | | | | | | | | |
| % change 2016 to 2017 | 0 | | | | | | | | | | | | |

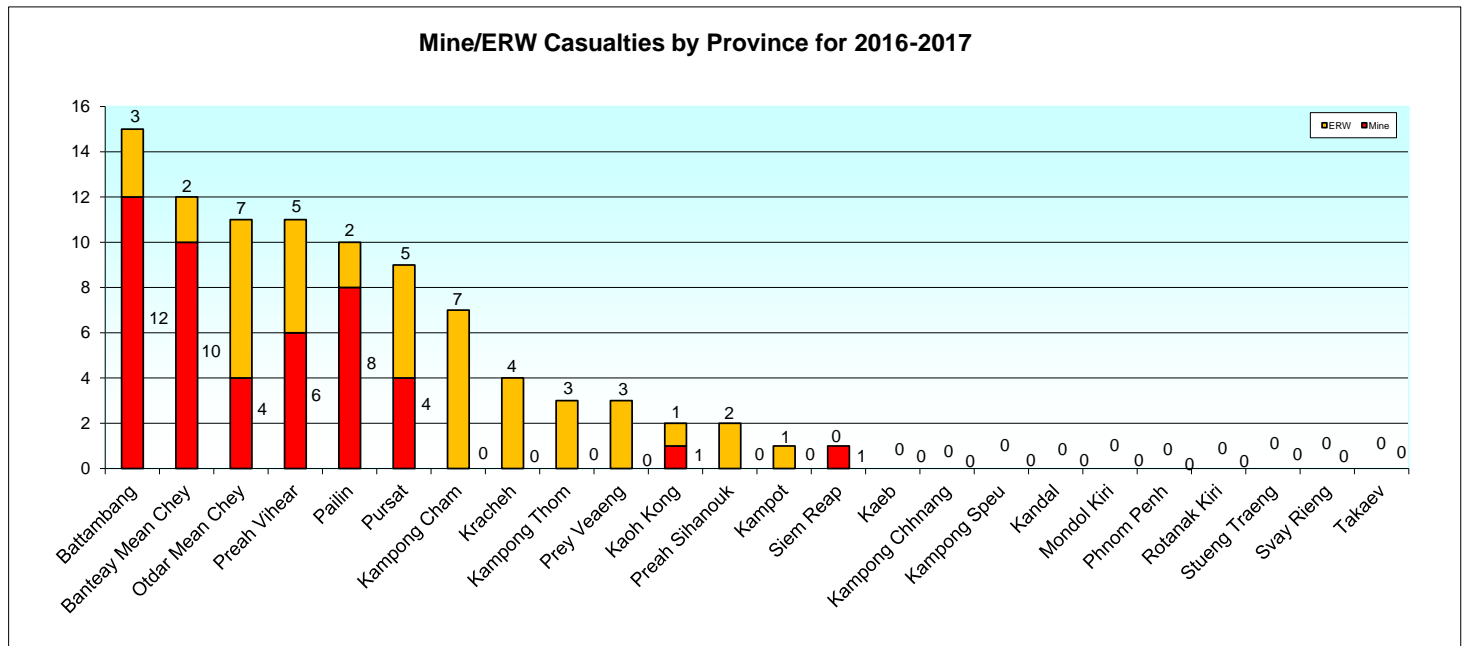
Note: Casualty figures for prior months are continually updated and verified as a part of the on-going data collection process.



Monthly Mine/ERW Accident Casualties: Jan2016 - Jan2017

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 | | | | | | |
| Battambang | 3 | 1 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 1 | 0 | 2 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 16.5 | 16 |
| Banteay Mean Chey | 0 | 3 | 1 | 1 | 2 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 27 | 13.2 | 30 |
| Otdar Mean Chey | 0 | 0 | 2 | 1 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 38 | 12.1 | 42 |
| Preah Vihear | 0 | 0 | 0 | 4 | 0 | 4 | 0 | 1 | 1 | 0 | 1 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 49 | 12.1 | 54 |
| Pailin | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 1 | 0 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 10 | 59 | 11 | 65 |
| Pursat | 0 | 2 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 9 | 68 | 9.9 | 75 |
| Kampong Cham | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 75 | 7.7 | 82 |
| 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 | 0 | 0 | 4 | 79 | 4.4 | 87 |
| Prey Veaeng | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 82 | 3.3 | 90 |
| 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 | 0 | 0 | 3 | 85 | 3.3 | 93 |
| Kaoh Kong | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 87 | 2.2 | 96 |
| 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 | 0 | 0 | 2 | 89 | 2.2 | 98 |
| 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 | 0 | 0 | 1 | 90 | 1.1 | 99 |
| 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 | 0 | 0 | 1 | 91 | 1.1 | 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 | 91 | 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 | 91 | 0 | 100 |
| Kandal | 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 | 91 | 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 | 91 | 0 | 100 |
| Rotanak 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 | 91 | 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 | 91 | 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 | 91 | 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 | 91 | 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 | 91 | 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 | 91 | 0 | 100 |
| TOTAL | 8 | 10 | 7 | 8 | 11 | 7 | 8 | 4 | 6 | 6 | 2 | 6 | 83 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 91 | | | |



5 Most Affected Provinces for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Jan2017

| Rank | Province | Mine Casualties | ERW Casualties | Total Casualties | Cumulative Total |
|------|-------------------|-----------------|----------------|------------------|------------------|
| 1 | Battambang | 12 | 3 | 15 | 15 |
| 2 | Banteay Mean Chey | 10 | 2 | 12 | 27 |
| 3 | Otdar Mean Chey | 4 | 7 | 11 | 38 |
| 4 | Preah Vihear | 6 | 5 | 11 | 49 |
| 5 | Pailin | 8 | 2 | 10 | 59 |

10 Most Affected Districts for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Jan2017

| Rank | District | Province | Mine Casualties | ERW Casualties | Total Casualties | Cumulative Total |
|------|---------------|-------------------|-----------------|----------------|------------------|------------------|
| 1 | Choam Khsant | Preah Vihear | 6 | 1 | 7 | 7 |
| 2 | Samlout | Battambang | 6 | 0 | 6 | 13 |
| 3 | Sala Krau | Pailin | 4 | 2 | 6 | 19 |
| 4 | Thma Puok | Banteay Mean Chey | 5 | 1 | 6 | 25 |
| 5 | Phnum Kravanh | Pursat | 0 | 5 | 5 | 30 |
| 6 | Pailin | Pailin | 4 | 0 | 4 | 34 |
| 7 | Veal Veang | Pursat | 4 | 0 | 4 | 38 |
| 8 | Samraong | Otdar Mean Chey | 1 | 3 | 4 | 42 |
| 9 | Kamrieng | Battambang | 1 | 2 | 3 | 45 |
| 10 | Sampov Lun | Battambang | 3 | 0 | 3 | 48 |

10 Most Affected Communes for Mine / ERW Casualties

Ranked by Total Casualties

Jan2016 - Jan2017

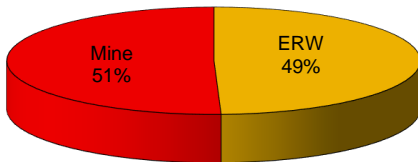
| Rank | Commune | District | Province | Mine Casualties | ERW Casualties | Total Casualties | Cum. Total |
|------|----------------|---------------|-------------------|-----------------|----------------|------------------|------------|
| 1 | Ba Yakha | Pailin | Pailin | 4 | 0 | 4 | 4 |
| 2 | Tuek Kraham | Choam Khsant | Preah Vihear | 3 | 1 | 4 | 8 |
| 3 | Choam | Memot | Kampong Cham | 0 | 3 | 3 | 11 |
| 4 | Banteay Chhmar | Thma Puok | Banteay Mean Chey | 3 | 0 | 3 | 14 |
| 5 | Kouk Romiet | Thma Puok | Banteay Mean Chey | 2 | 1 | 3 | 17 |
| 6 | Samraong | Samraong | Otdar Mean Chey | 0 | 3 | 3 | 20 |
| 7 | Rumchek | Preah Sdach | Prey Veang | 0 | 3 | 3 | 23 |
| 8 | Bak Chenhchien | Phnum Kravanh | Pursat | 0 | 3 | 3 | 26 |
| 9 | Srae Char | Snuol | Kracheh | 0 | 3 | 3 | 29 |
| 10 | Thma Da | Veal Veang | Pursat | 3 | 0 | 3 | 32 |

OVERVIEW OF MINE/ERW ACCIDENTS

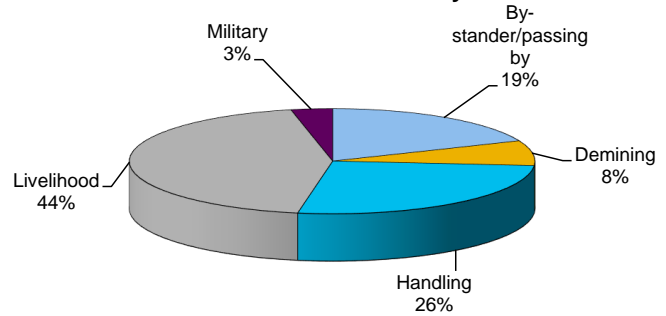
Jan2016 - Jan2017

Total Number of Casualties during Reporting Period: 91

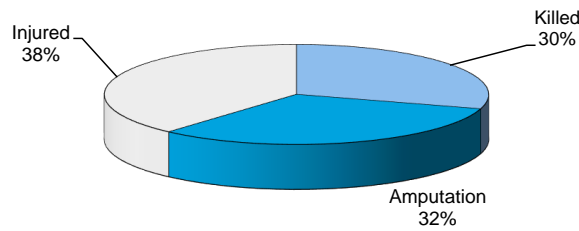
Mine/ERW Distribution



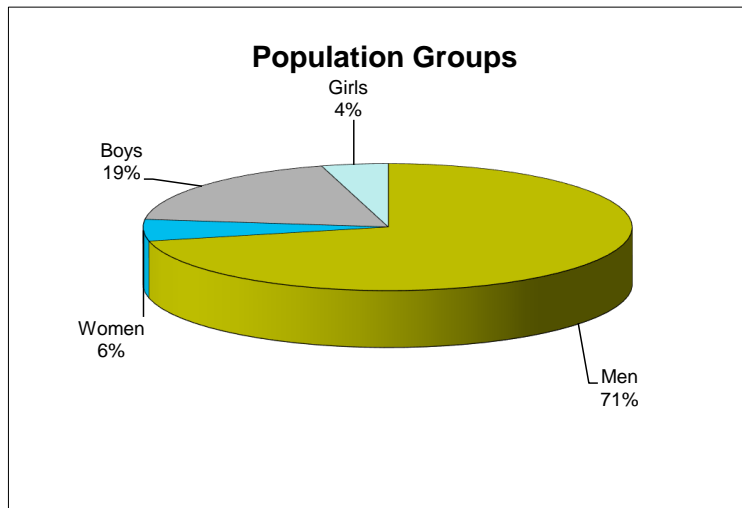
Cause of Casualty



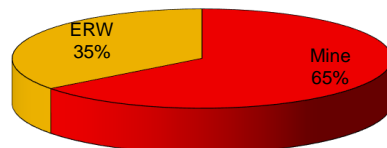
Casualty Types



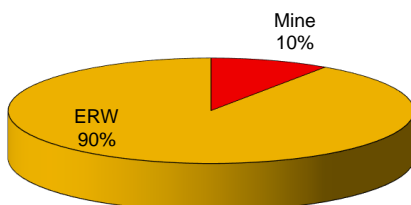
MINE/ERW ACCIDENT OVERVIEW



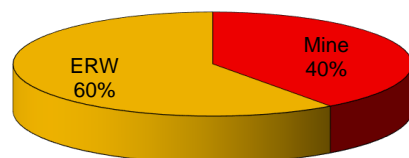
Men



Children



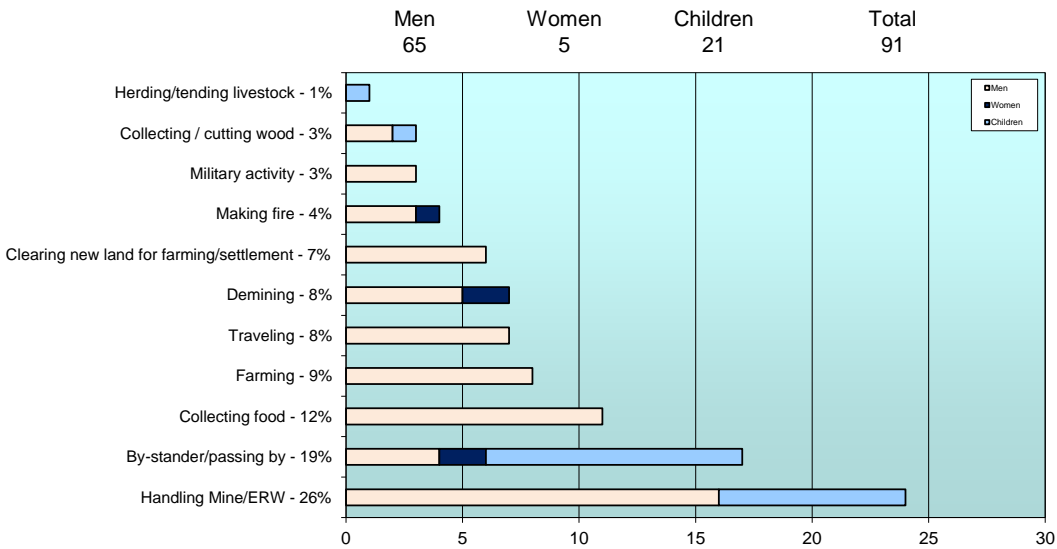
Women



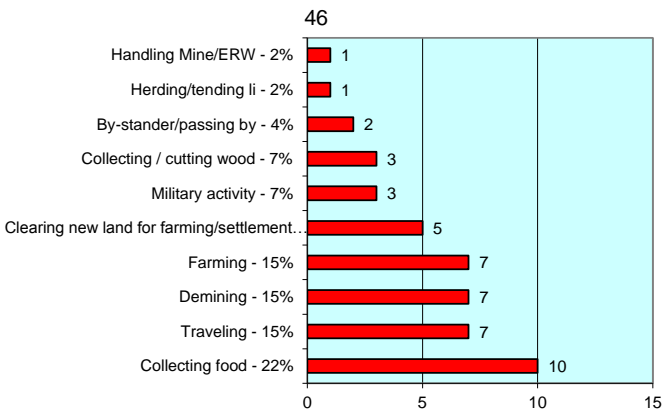
Jan2016 - Jan2017

Number of accidents during Reporting Period: **91**

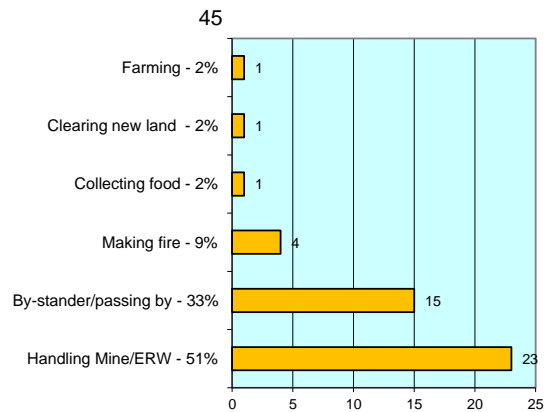
Cause of Accident by Total Population Group



Activities - Mines

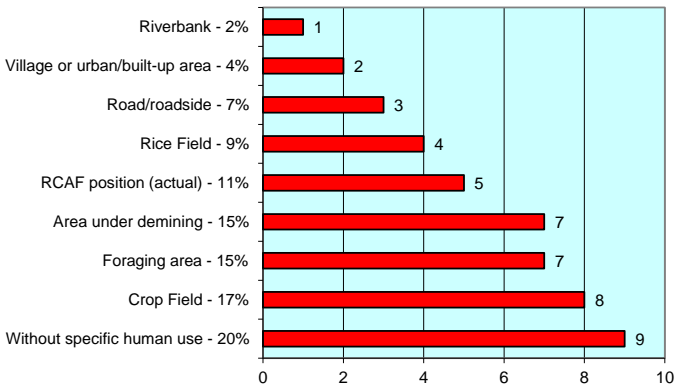


Activities - ERW



Mine/ERW Accidents by Terrain Type

Terrain - Mines



Terrain - ERW

