

## **SAMRASS: Fatalities and injuries per commodity/region: Weekly report 2020**

(Provisional statistics)

|          | Fatalities*             |                         |          |                              |                              |          | Injuries*               |                         |          |
|----------|-------------------------|-------------------------|----------|------------------------------|------------------------------|----------|-------------------------|-------------------------|----------|
|          | Actual                  |                         |          |                              |                              |          | Actual                  |                         |          |
|          | 01/01/2019 - 28/02/2019 | 01/01/2020 - 28/02/2020 | % change | Total fatal accidents** 2019 | Total fatal accidents** 2020 | % change | 01/01/2019 - 28/02/2019 | 01/01/2020 - 28/02/2020 | % change |
| Total    | 5                       | 7                       | 40       | 5                            | 7                            | 40       | 367                     | 240                     | -35      |
| Gold     | 2                       | 3                       | 50       | 2                            | 3                            | 50       | 90                      | 94                      | 4        |
| Coal     | 0                       | 1                       | 100      | 0                            | 1                            | 100      | 48                      | 30                      | -38      |
| Platinum | 0                       | 2                       | 100      | 0                            | 2                            | 100      | 185                     | 77                      | -58      |
| Other    | 3                       | 1                       | -67      | 3                            | 1                            | -67      | 44                      | 39                      | -11      |

\* Provisional figures

| Region        | Fatalities*             |                         |          |                       |                       |          | Injuries*               |                         |          |
|---------------|-------------------------|-------------------------|----------|-----------------------|-----------------------|----------|-------------------------|-------------------------|----------|
|               | Actual                  |                         |          |                       |                       |          | Actual                  |                         |          |
|               | 01/01/2019 - 28/02/2019 | 01/01/2020 - 28/02/2020 | % change | Total fatal accidents | Total fatal accidents | % change | 01/01/2019 - 28/02/2019 | 01/01/2020 - 28/02/2020 | % Change |
| Total         | 5                       | 7                       | 40       | 5                     | 7                     | 40       | 367                     | 240                     | -35      |
| Western Cape  | 0                       | 0                       | 0        | 0                     | 0                     | 0        | 2                       | 0                       | -200     |
| Northern Cape | 1                       | 1                       | 0        | 1                     | 1                     | 0        | 19                      | 9                       | -53      |
| Free State    | 1                       | 1                       | 0        | 1                     | 1                     | 0        | 29                      | 23                      | -21      |
| Eastern Cape  | 0                       | 0                       | 0        | 0                     | 0                     | 0        | 0                       | 0                       | 0        |
| KwaZulu/Natal | 0                       | 1                       | 100      | 0                     | 1                     | 100      | 8                       | 2                       | -75      |
| Mpumalanga    | 0                       | 0                       | 0        | 0                     | 0                     | 0        | 42                      | 34                      | -19      |
| Limpopo       | 1                       | 0                       | -100     | 1                     | 0                     | -100     | 23                      | 29                      | 26       |
| Gauteng       | 0                       | 1                       | 0        | 0                     | 1                     | 0        | 50                      | 56                      | 12       |
| Klerksdorp    | 1                       | 1                       | 0        | 1                     | 1                     | 0        | 17                      | 20                      | 18       |
| Rustenburg    | 1                       | 2                       | 100      | 1                     | 2                     | 100      | 177                     | 67                      | -62      |

\* Provisional figures

\*\* Number of accidents in which persons died, catering for multiple fatalities.

| All Mines Fatalities per Classification |                       |                       |          |
|-----------------------------------------|-----------------------|-----------------------|----------|
| Classification                          | 01/01/2019-28/02/2019 | 01/01/2020-28/02/2020 | % Change |
| FALL OF GROUND/rockfall                 | 2                     | 4                     | 100      |
| MACHINERY                               | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING               | 2                     | 2                     | 0        |
| GENERAL                                 | 1                     | 1                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)      | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)          | 0                     | 0                     | 0        |
| FIRES                                   | 0                     | 0                     | 0        |
| EXPLOSIVES                              | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                    | 0                     | 0                     | 0        |
| HEAT SICKNESS                           | 0                     | 0                     | 0        |
| DIVING SICKNESS                         | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                   | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                 | 0                     | 0                     | 0        |
| TOTAL                                   | 5                     | 7                     | 40       |

| Gold Mines Fatalities per Classification |                       |                       |          |
|------------------------------------------|-----------------------|-----------------------|----------|
| Classification                           | 01/01/2019-24/02/2019 | 01/01/2020-24/02/2020 | % Change |
| FALL OF GROUND/rockfall                  | 1                     | 1                     | 0        |
| MACHINERY                                | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                | 0                     | 1                     | 0        |
| GENERAL                                  | 1                     | 1                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)       | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)           | 0                     | 0                     | 0        |
| FIRES                                    | 0                     | 0                     | 0        |
| EXPLOSIVES                               | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                     | 0                     | 0                     | 0        |
| HEAT SICKNESS                            | 0                     | 0                     | 0        |
| DIVING SICKNESS                          | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                    | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                  | 0                     | 0                     | 0        |
| TOTAL                                    | 2                     | 3                     | 50       |

| Coal Mines Fatalities per Classification |                       |                       |          |
|------------------------------------------|-----------------------|-----------------------|----------|
| Classification                           | 01/01/2019-24/02/2019 | 01/01/2020-24/02/2020 | % Change |
| FALL OF GROUND/rockfall                  | 0                     | 1                     | 100      |
| MACHINERY                                | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                | 0                     | 0                     | 0        |
| GENERAL                                  | 0                     | 0                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)       | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)           | 0                     | 0                     | 0        |
| FIRES                                    | 0                     | 0                     | 0        |
| EXPLOSIVES                               | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                     | 0                     | 0                     | 0        |
| HEAT SICKNESS                            | 0                     | 0                     | 0        |
| DIVING SICKNESS                          | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                    | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                  | 0                     | 0                     | 0        |
| TOTAL                                    | 0                     | 1                     | 100      |

| Other Mines Fatalities per Classification |                       |                       |          |
|-------------------------------------------|-----------------------|-----------------------|----------|
| Classification                            | 01/01/2019-24/02/2019 | 01/01/2020-24/02/2020 | % Change |
| FALL OF GROUND/rockfall                   | 1                     | 1                     | 0        |
| MACHINERY                                 | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                 | 2                     | 0                     | -200     |
| GENERAL                                   | 0                     | 0                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)        | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)            | 0                     | 0                     | 0        |
| FIRES                                     | 0                     | 0                     | 0        |
| EXPLOSIVES                                | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                      | 0                     | 0                     | 0        |
| HEAT SICKNESS                             | 0                     | 0                     | 0        |
| DIVING SICKNESS                           | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                     | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                   | 0                     | 0                     | 0        |
| TOTAL                                     | 3                     | 1                     | -67      |

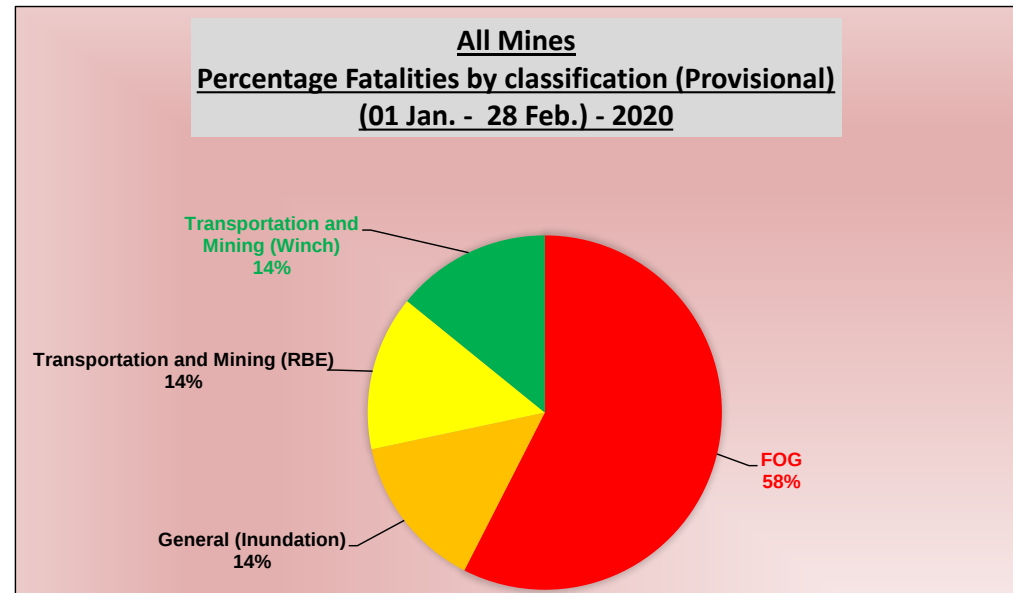
| Platinum Mines Fatalities per Classification |                       |                       |          |
|----------------------------------------------|-----------------------|-----------------------|----------|
| Classification                               | 01/01/2019-24/02/2019 | 01/01/2020-24/02/2020 | % Change |
| FALL OF GROUND/rockfall                      | 0                     | 1                     | 100      |
| MACHINERY                                    | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                    | 0                     | 1                     | 0        |
| GENERAL                                      | 0                     | 0                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)           | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)               | 0                     | 0                     | 0        |
| FIRES                                        | 0                     | 0                     | 0        |
| EXPLOSIVES                                   | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                         | 0                     | 0                     | 0        |
| HEAT SICKNESS                                | 0                     | 0                     | 0        |
| DIVING SICKNESS                              | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                        | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                      | 0                     | 0                     | 0        |
| TOTAL                                        | 0                     | 2                     | 100      |

| Classification*                   | Persons<br>Fatally<br>Injured | Percentage  |
|-----------------------------------|-------------------------------|-------------|
| FOG                               | 4                             | 58%         |
| General (Inundation)              | 1                             | 14%         |
| Transportation and Mining (RBE)   | 1                             | 14%         |
| Transportation and Mining (Winch) | 1                             | 14%         |
| <b>TOTAL</b>                      | <b>7</b>                      | <b>100%</b> |

\* provisional

**FOG: Fall of Ground**

**RBE: Railbound Equipment**



| All Mines Injuries per Classification |                       |                       |          |
|---------------------------------------|-----------------------|-----------------------|----------|
| Classification                        | 01/01/2019-28/02/2019 | 01/01/2020-28/02/2020 | % Change |
| FALL OF GROUND/rockfall               | 60                    | 39                    | -35      |
| MACHINERY                             | 19                    | 21                    | 11       |
| TRANSPORTATION AND MINING             | 72                    | 40                    | -44      |
| GENERAL                               | 204                   | 129                   | -37      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)    | 4                     | 3                     | -25      |
| ELECTRICITY (Not causing fire)        | 5                     | 3                     | -40      |
| FIRES                                 | 2                     | 0                     | -200     |
| EXPLOSIVES                            | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                  | 0                     | 0                     | 0        |
| HEAT SICKNESS                         | 0                     | 0                     | 0        |
| DIVING SICKNESS                       | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                 | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)               | 1                     | 5                     | 400      |
| TOTAL                                 | 367                   | 240                   | -35      |

| Gold Mines Injuries per Classification |                       |                       |          |
|----------------------------------------|-----------------------|-----------------------|----------|
| Classification                         | 01/01/2019-28/02/2019 | 01/01/2020-28/02/2020 | % Change |
| FALL OF GROUND/rockfall                | 20                    | 23                    | 15       |
| MACHINERY                              | 7                     | 8                     | 14       |
| TRANSPORTATION AND MINING              | 20                    | 14                    | -30      |
| GENERAL                                | 41                    | 48                    | 17       |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)     | 1                     | 0                     | -100     |
| ELECTRICITY (Not causing fire)         | 0                     | 1                     | 100      |
| FIRES                                  | 0                     | 0                     | 0        |
| EXPLOSIVES                             | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                   | 0                     | 0                     | 0        |
| HEAT SICKNESS                          | 0                     | 0                     | 0        |
| DIVING SICKNESS                        | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                  | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                | 1                     | 0                     | 0        |
| TOTAL                                  | 90                    | 94                    | 4        |

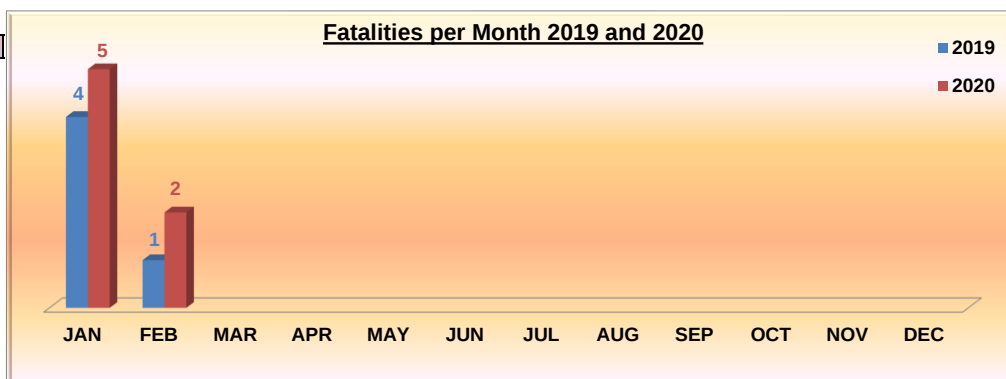
| Coal Mines Injuries per Classification |                       |                       |          |
|----------------------------------------|-----------------------|-----------------------|----------|
| Classification                         | 01/01/2019-28/02/2019 | 01/01/2020-28/02/2020 | % Change |
| FALL OF GROUND/rockfall                | 4                     | 4                     | 0        |
| MACHINERY                              | 0                     | 3                     | 300      |
| TRANSPORTATION AND MINING              | 18                    | 5                     | -72      |
| GENERAL                                | 24                    | 18                    | -25      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)     | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)         | 2                     | 0                     | -200     |
| FIRES                                  | 0                     | 0                     | 0        |
| EXPLOSIVES                             | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                   | 0                     | 0                     | 0        |
| HEAT SICKNESS                          | 0                     | 0                     | 0        |
| DIVING SICKNESS                        | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                  | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                | 0                     | 0                     | 0        |
| TOTAL                                  | 48                    | 30                    | -38      |

| Other Mines Injuries per Classification |                       |                       |          |
|-----------------------------------------|-----------------------|-----------------------|----------|
| Classification                          | 01/01/2019-28/02/2019 | 01/01/2020-28/02/2020 | % Change |
| FALL OF GROUND/rockfall                 | 4                     | 2                     | -50      |
| MACHINERY                               | 8                     | 6                     | -25      |
| TRANSPORTATION AND MINING               | 4                     | 12                    | 200      |
| GENERAL                                 | 27                    | 18                    | -33      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)      | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)          | 1                     | 0                     | -100     |
| FIRES                                   | 0                     | 0                     | 0        |
| EXPLOSIVES                              | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                    | 0                     | 0                     | 0        |
| HEAT SICKNESS                           | 0                     | 0                     | 0        |
| DIVING SICKNESS                         | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                   | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                 | 0                     | 1                     | 100      |
| TOTAL                                   | 44                    | 39                    | -11      |

| Platinum Mines Injuries per Classification |                       |                       |          |
|--------------------------------------------|-----------------------|-----------------------|----------|
| Classification                             | 01/01/2019-28/02/2019 | 01/01/2020-28/02/2020 | % Change |
| FALL OF GROUND/rockfall                    | 32                    | 10                    | -69      |
| MACHINERY                                  | 4                     | 4                     | 0        |
| TRANSPORTATION AND MINING                  | 30                    | 9                     | -70      |
| GENERAL                                    | 112                   | 45                    | -60      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)         | 3                     | 3                     | 0        |
| ELECTRICITY (Not causing fire)             | 2                     | 2                     | 0        |
| FIRES                                      | 2                     | 0                     | -200     |
| EXPLOSIVES                                 | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                       | 0                     | 0                     | 0        |
| HEAT SICKNESS                              | 0                     | 0                     | 0        |
| DIVING SICKNESS                            | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                      | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                    | 0                     | 4                     | 400      |
| TOTAL                                      | 185                   | 77                    | -58      |

| 2020 February |           | Provisional statistics |                                                                                                                                                                                                                                     |                                   |                      |            |           |
|---------------|-----------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----------------------|------------|-----------|
| Region        | Mine name | Technical manager      | Accident Description                                                                                                                                                                                                                | Classification (Provisional)      | Number of fatalities | Date       | Commodity |
| RST           |           |                        | The now deceased Scraper Winch Operator was fatally injured in a railbound related accident. He was walking towards his working place when he was struck by a derailling locomotive in the haulage and pinned against the sidewall. | Transportation and Mining (RBE)   | 1                    | 02 07 2020 | Platinum  |
| GP            |           |                        | The now deceased Assistant Scraper Winch Operator was fatally injured when he was struck by what appears to be a winch rope that snapped at the tip during scraping operations at the raiseline.                                    | Transportation and Mining (Winch) | 1                    | 02 21 2020 | Gold      |
|               |           |                        |                                                                                                                                                                                                                                     |                                   | 2                    |            |           |

|      | 2019 | 2020 | % Change |                  |
|------|------|------|----------|------------------|
| JAN  | 4    | 5    | 25       | as on 28-02-2020 |
| FEB  | 1    | 2    | 100      |                  |
| MAR  |      |      |          |                  |
| APR  |      |      |          |                  |
| MAY  |      |      |          |                  |
| JUN  |      |      |          |                  |
| JUL  |      |      |          |                  |
| AUG  |      |      |          |                  |
| SEP  |      |      |          |                  |
| OCT  |      |      |          |                  |
| NOV  |      |      |          |                  |
| DEC  |      |      |          |                  |
| Year | 5    | 7    | 40       |                  |



# Fatalities 2020

|              | Gold                                                                                | Coal                                                                                | Platinum                                                                            | Other                                                                               |
|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| January      |  2 |  1 |  1 |  1 |
| February     |  1 |  0 |  1 |  0 |
| Total:       |  3 |  1 |  2 |  1 |
| Grand total: | 7                                                                                   |                                                                                     |                                                                                     |                                                                                     |

# Fatalities 2020

|          | W Cape | N Cape | F State | E Cape | KZN | Mpumalanga | Limpopo | Gauteng | Klerksdorp | Rustenburg |
|----------|--------|--------|---------|--------|-----|------------|---------|---------|------------|------------|
| January  | 0      | 1      | 1       |        | 1   | 0          | 0       | 0       | 1          | 1          |
| February | 0      | 0      | 0       | 0      | 0   | 0          | 0       | 1       | 0          | 1          |
| Total:   | 0      | 1      | 1       | 0      | 1   | 0          | 0       | 1       | 1          | 2          |

Total: 7