

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

(Provisional statistics)

|          | Fatalities*             |                         |          |                              |                              |          | Injuries*               |                         |          |
|----------|-------------------------|-------------------------|----------|------------------------------|------------------------------|----------|-------------------------|-------------------------|----------|
|          | Actual                  |                         |          |                              |                              |          | Actual                  |                         |          |
|          | 01/01/2019 - 22/06/2019 | 01/01/2020 - 22/06/2020 | % change | Total fatal accidents** 2019 | Total fatal accidents** 2020 | % change | 01/01/2019 - 22/06/2019 | 01/01/2020 - 22/06/2020 | % change |
| Total    | 18                      | 22                      | 22       | 17                           | 19                           | 12       | 1177                    | 521                     | -56      |
| Gold     | 7                       | 10                      | 43       | 7                            | 8                            | 14       | 339                     | 171                     | -50      |
| Coal     | 1                       | 5                       | 400      | 1                            | 4                            | 300      | 112                     | 48                      | -57      |
| Platinum | 7                       | 6                       | -14      | 6                            | 6                            | 0        | 576                     | 218                     | -62      |
| Other    | 3                       | 1                       | -67      | 3                            | 1                            | -67      | 150                     | 84                      | -44      |

\* Provisional figures

| Region        | Fatalities*             |                         |          |                       |                       |          | Injuries*               |                         |          |
|---------------|-------------------------|-------------------------|----------|-----------------------|-----------------------|----------|-------------------------|-------------------------|----------|
|               | Actual                  |                         |          |                       |                       |          | Actual                  |                         |          |
|               | 01/01/2019 - 22/06/2019 | 01/01/2020 - 22/06/2020 | % change | Total fatal accidents | Total fatal accidents | % change | 01/01/2019 - 22/06/2019 | 01/01/2020 - 22/06/2020 | % Change |
| Total         | 17                      | 22                      | 29       | 17                    | 19                    | 12       | 1177                    | 521                     | -56      |
| Western Cape  | 0                       | 0                       | 0        | 0                     | 0                     | 0        | 6                       | 5                       | -17      |
| Northern Cape | 1                       | 1                       | 0        | 1                     | 1                     | 0        | 50                      | 20                      | -60      |
| Free State    | 4                       | 1                       | -75      | 4                     | 1                     | -75      | 104                     | 50                      | -52      |
| Eastern Cape  | 0                       | 0                       | 0        | 0                     | 0                     | 0        | 0                       | 2                       | 200      |
| KwaZulu/Natal | 0                       | 1                       | 100      | 0                     | 1                     | 100      | 16                      | 2                       | -88      |
| Mpumalanga    | 1                       | 4                       | 300      | 1                     | 3                     | 200      | 106                     | 51                      | -52      |
| Limpopo       | 2                       | 1                       | -50      | 2                     | 1                     | -50      | 74                      | 44                      | -41      |
| Gauteng       | 2                       | 8                       | 300      | 2                     | 6                     | 200      | 170                     | 90                      | -47      |
| Klerksdorp    | 1                       | 1                       | 0        | 1                     | 1                     | 0        | 82                      | 42                      | -49      |
| Rustenburg    | 6                       | 5                       | -17      | 6                     | 5                     | -17      | 569                     | 215                     | -62      |

\* Provisional figures

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

| All Mines Fatalities per Classification |                       |                       |          |
|-----------------------------------------|-----------------------|-----------------------|----------|
| Classification                          | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                 | 8                     | 11                    | 38       |
| MACHINERY                               | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING               | 5                     | 5                     | 0        |
| GENERAL                                 | 3                     | 4                     | 33       |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)      | 0                     | 0                     | 0        |
| ELECTRICITY                             | 1                     | 1                     | 0        |
| FIRES                                   | 0                     | 0                     | 0        |
| EXPLOSIVES                              | 1                     | 0                     | -100     |
| 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                                   | 18                    | 22                    | 22       |

| Gold Mines Fatalities per Classification |                       |                       |          |
|------------------------------------------|-----------------------|-----------------------|----------|
| Classification                           | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                  | 3                     | 5                     | 67       |
| MACHINERY                                | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                | 1                     | 2                     | 100      |
| GENERAL                                  | 2                     | 2                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)       | 0                     | 0                     | 0        |
| ELECTRICITY                              | 1                     | 1                     | 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                                    | 7                     | 10                    | 43       |

| Coal Mines Fatalities per Classification |                       |                       |          |
|------------------------------------------|-----------------------|-----------------------|----------|
| Classification                           | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                  | 0                     | 2                     | 200      |
| MACHINERY                                | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                | 1                     | 1                     | 0        |
| GENERAL                                  | 0                     | 1                     | 100      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)       | 0                     | 0                     | 0        |
| ELECTRICITY                              | 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                     | 1                     | 100      |
| TOTAL                                    | 1                     | 5                     | 100      |

| Other Mines Fatalities per Classification |                       |                       |          |
|-------------------------------------------|-----------------------|-----------------------|----------|
| Classification                            | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % 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                               | 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                               | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                      | 4                     | 3                     | -25      |
| MACHINERY                                    | 0                     | 0                     | 0        |
| TRANSPORTATION AND MINING                    | 1                     | 2                     | 100      |
| GENERAL                                      | 1                     | 1                     | 0        |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)           | 0                     | 0                     | 0        |
| ELECTRICITY                                  | 0                     | 0                     | 0        |
| FIRES                                        | 0                     | 0                     | 0        |
| EXPLOSIVES                                   | 1                     | 0                     | -100     |
| 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                                        | 7                     | 6                     | -14      |

| Classification*                       | Persons<br>Fatally<br>Injured | Percentage  |
|---------------------------------------|-------------------------------|-------------|
| FOG                                   | 11                            | 45%         |
| Transportation and Mining (RBE)       | 2                             | 10%         |
| General (Inundation)                  | 1                             | 5%          |
| Transportation and Mining (Winch)     | 1                             | 5%          |
| Transportation and Mining (TMM)       | 1                             | 5%          |
| Transportation and Mining (Conveyors) | 1                             | 5%          |
| Electricity                           | 1                             | 5%          |
| General (Rolling rock)                | 1                             | 5%          |
| Miscellaneous                         | 1                             | 5%          |
| General (Struck by)                   | 1                             | 5%          |
| General (Fell in)                     | 1                             | 5%          |
| <b>TOTAL</b>                          | <b>22</b>                     | <b>100%</b> |

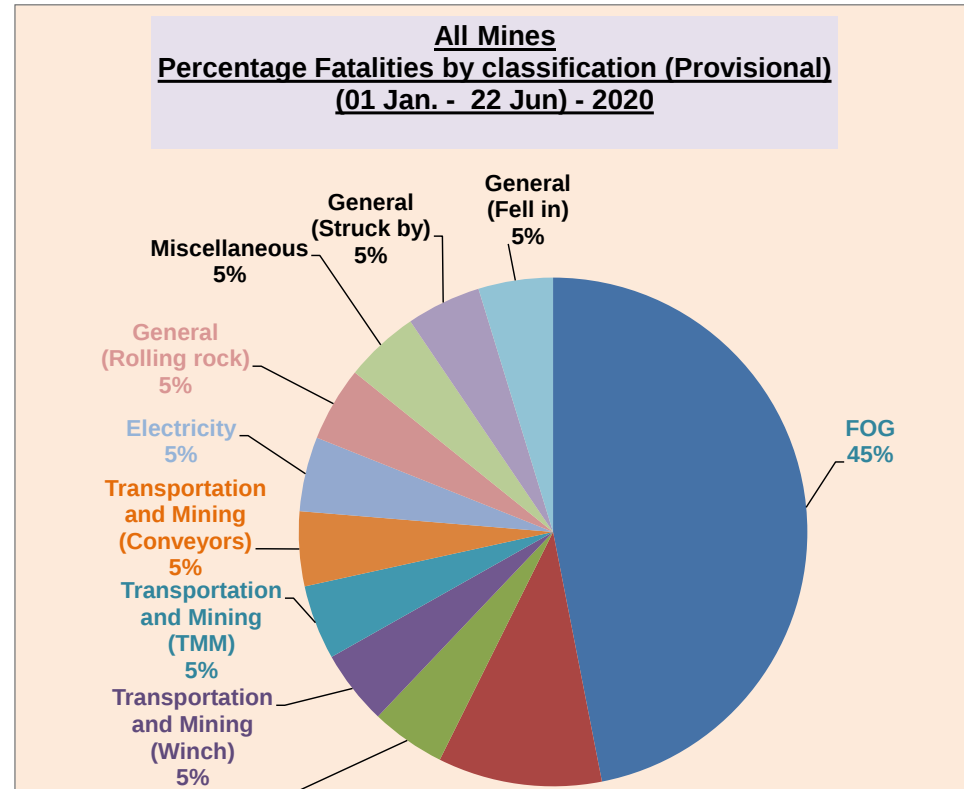
\* provisional

**FOG: Fall of Ground**

**RBE: Railbound Equipment**

**TMM: Trackless Mobile Machinery**

**Miscellaneous: Cause of fatality not yet established**



| All Mines Injuries per Classification |                       |                       |          |
|---------------------------------------|-----------------------|-----------------------|----------|
| Classification                        | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall               | 180                   | 79                    | -56      |
| MACHINERY                             | 63                    | 41                    | -35      |
| TRANSPORTATION AND MINING             | 206                   | 86                    | -58      |
| GENERAL                               | 676                   | 291                   | -57      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)    | 25                    | 5                     | -80      |
| ELECTRICITY (Not causing fire)        | 8                     | 4                     | -50      |
| FIRES                                 | 2                     | 0                     | -200     |
| EXPLOSIVES                            | 3                     | 1                     | -67      |
| SUBSIDENCE OR CAVING                  | 0                     | 0                     | 0        |
| HEAT SICKNESS                         | 3                     | 1                     | -67      |
| DIVING SICKNESS                       | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                 | 1                     | 0                     | -100     |
| MISCELLANEOUS (specify)               | 10                    | 13                    | 30       |
| TOTAL                                 | 1177                  | 521                   | -56      |

| Gold Mines Injuries per Classification |                       |                       |          |
|----------------------------------------|-----------------------|-----------------------|----------|
| Classification                         | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                | 68                    | 41                    | -40      |
| MACHINERY                              | 20                    | 11                    | -45      |
| TRANSPORTATION AND MINING              | 53                    | 27                    | -49      |
| GENERAL                                | 174                   | 88                    | -49      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)     | 16                    | 1                     | -94      |
| ELECTRICITY (Not causing fire)         | 1                     | 1                     | 0        |
| FIRES                                  | 0                     | 0                     | 0        |
| EXPLOSIVES                             | 0                     | 0                     | 0        |
| SUBSIDENCE OR CAVING                   | 0                     | 0                     | 0        |
| HEAT SICKNESS                          | 3                     | 0                     | -300     |
| DIVING SICKNESS                        | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                  | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                | 4                     | 2                     | -50      |
| TOTAL                                  | 339                   | 171                   | -50      |

| Coal Mines Injuries per Classification |                       |                       |          |
|----------------------------------------|-----------------------|-----------------------|----------|
| Classification                         | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                | 7                     | 5                     | -29      |
| MACHINERY                              | 3                     | 6                     | 100      |
| TRANSPORTATION AND MINING              | 31                    | 8                     | -74      |
| GENERAL                                | 66                    | 29                    | -56      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)     | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)         | 4                     | 0                     | -300     |
| 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                     | -100     |
| TOTAL                                  | 112                   | 48                    | -57      |

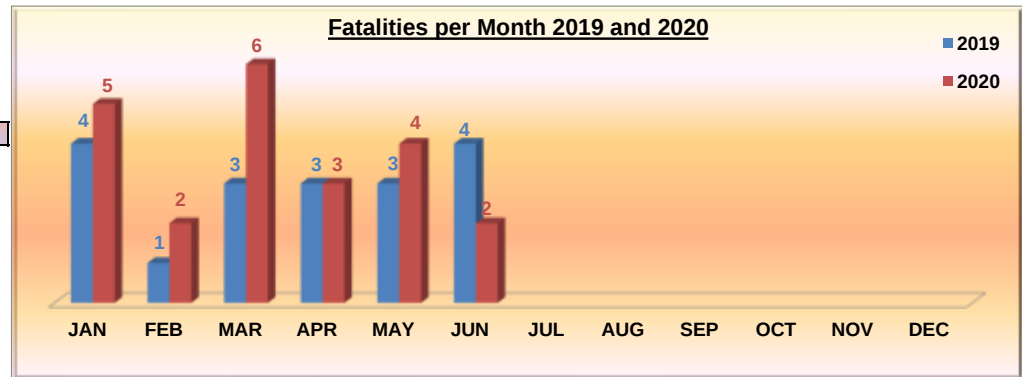
| Other Mines Injuries per Classification |                       |                       |          |
|-----------------------------------------|-----------------------|-----------------------|----------|
| Classification                          | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                 | 12                    | 5                     | -58      |
| MACHINERY                               | 22                    | 12                    | -45      |
| TRANSPORTATION AND MINING               | 17                    | 15                    | -12      |
| GENERAL                                 | 95                    | 45                    | -53      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)      | 0                     | 0                     | 0        |
| ELECTRICITY (Not causing fire)          | 1                     | 1                     | 0        |
| FIRES                                   | 0                     | 0                     | 0        |
| EXPLOSIVES                              | 1                     | 1                     | 0        |
| SUBSIDENCE OR CAVING                    | 0                     | 0                     | 0        |
| HEAT SICKNESS                           | 0                     | 0                     | 0        |
| DIVING SICKNESS                         | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                   | 0                     | 0                     | 0        |
| MISCELLANEOUS (specify)                 | 2                     | 5                     | 150      |
| TOTAL                                   | 150                   | 84                    | -44      |

| Platinum Mines Injuries per Classification |                       |                       |          |
|--------------------------------------------|-----------------------|-----------------------|----------|
| Classification                             | 01/01/2019-22/06/2019 | 01/01/2020-22/06/2020 | % Change |
| FALL OF GROUND/rockfall                    | 93                    | 28                    | -70      |
| MACHINERY                                  | 18                    | 12                    | -33      |
| TRANSPORTATION AND MINING                  | 105                   | 36                    | -66      |
| GENERAL                                    | 341                   | 129                   | -62      |
| CONVEYANCE ACCIDENTS (SHAFT/WINZE)         | 9                     | 4                     | -56      |
| ELECTRICITY (Not causing fire)             | 2                     | 2                     | 0        |
| FIRES                                      | 2                     | 0                     | -200     |
| EXPLOSIVES                                 | 2                     | 0                     | -200     |
| SUBSIDENCE OR CAVING                       | 0                     | 0                     | 0        |
| HEAT SICKNESS                              | 0                     | 1                     | 100      |
| DIVING SICKNESS                            | 0                     | 0                     | 0        |
| OCCUPATIONAL DISEASES                      | 1                     | 0                     | -100     |
| MISCELLANEOUS (specify)                    | 3                     | 6                     | 100      |
| TOTAL                                      | 576                   | 218                   | -62      |

| 2020 June |           | Provisional statistics |                                                                                                                                                                                                                                                                                                          |                              |                      |            |           |
|-----------|-----------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|------------|-----------|
| Region    | Mine name | Technical manager      | Accident Description                                                                                                                                                                                                                                                                                     | Classification (Provisional) | Number of fatalities | Date       | Commodity |
| MP        |           |                        | The now deceased employee was fatally injured in a fall of ground accident in the process of charging up the face in a stonework section.                                                                                                                                                                | FOG                          | 1                    | 01 06 2020 | Coal      |
| GP        |           |                        | The now deceased employee was fatally injured when he seemingly fell some 83m down the 100 Level shaft tip. The now deceased was working with two Boiler Makers on 100 Level reef tip. It would appear that the now deceased slipped on a chute plate and fell into a radial door and down the tip pass. | General (Fell in)            | 1                    | 03 06 2020 | Gold      |
| ifalethu  |           |                        |                                                                                                                                                                                                                                                                                                          |                              | 2                    |            |           |

|      | 2019 | 2020 | % Change |
|------|------|------|----------|
| JAN  | 4    | 5    | 25       |
| FEB  | 1    | 2    | 100      |
| MAR  | 3    | 6    | 100      |
| APR  | 3    | 3    | 0        |
| MAY  | 3    | 4    | 33       |
| JUN  | 4    | 2    | -50      |
| JUL  |      |      |          |
| AUG  |      |      |          |
| SEP  |      |      |          |
| OCT  |      |      |          |
| NOV  |      |      |          |
| DEC  |      |      |          |
| Year | 18   | 22   | 22       |

as on 22-06-2020



# Fatalities 2020

|              | Gold                                                                                 | Coal                                                                                | Platinum                                                                            | Other                                                                               |
|--------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| January      |  2  |  1 |  1 |  1 |
| February     |  1  |  0 |  1 |  0 |
| March        |  4  |  0 |  2 |  0 |
| April        |  2  |  1 |  0 |  0 |
| May          |  0  |  2 |  2 |  0 |
| June         |  1  |  1 |  0 |  0 |
| Total:       |  10 |  5 |  6 |  1 |
| Grand total: | 22                                                                                   |                                                                                     |                                                                                     |                                                                                     |

# 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          |
| March    | 0      | 0      | 0       | 0      | 0   | 0          | 1       | 4       | 0          | 1          |
| April    | 0      | 0      | 0       | 0      | 0   | 1          | 0       | 2       | 0          | 0          |
| May      | 0      | 0      | 0       | 0      | 0   | 2          | 0       | 0       | 0          | 2          |
| June     | 0      | 0      | 0       | 0      | 0   | 1          | 0       | 1       | 0          | 0          |
| Total:   | 0      | 1      | 1       | 0      | 1   | 4          | 1       | 8       | 1          | 5          |

Total: 22