

SAMRASS: Fatalities and injuries per commodity/region: Weekly report 2022

(Provisional statistics)

Commodity	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 10/10/2021	01/01/2022 - 10/10/2022	% change	Total fatal accidents** 2021	Total fatal accidents** 2022	% change	01/01/2021 - 10/10/2021	01/01/2022 - 10/10/2022	% change
Total	38	38	0	38	31	-18	1696	1493	-12
Gold	17	13	-24	17	9	-47	570	398	-30
Coal	6	5	-17	6	4	-33	138	151	9
Platinum	10	13	30	10	11	10	816	764	-6
Other	5	7	40	5	7	40	172	180	5

* Provisional figures

Region	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 10/10/2021	01/01/2022 - 10/10/2022	% change	Total fatal accidents	Total fatal accidents	% change	01/01/2021 - 10/10/2021	01/01/2022 - 10/10/2022	% Change
Total	38	38	0	38	31	-18	1696	1493	-12
Western Cape	1	1	0	1	1	0	5	8	60
Northern Cape	3	1	-67	3	1	-67	43	50	16
Free State	6	2	-67	6	2	-67	171	103	-40
Eastern Cape	0	0	#DIV/0!	0	0	#DIV/0!	2	2	0
KwaZulu/Natal	0	1	100	0	1	100	16	15	-6
Mpumalanga	6	4	-33	6	4	-33	140	170	21
Limpopo	1	2	100	1	2	100	104	106	2
Gauteng	8	9	13	8	5	-38	331	212	-36
Klerksdorp	3	2	-33	3	2	-33	89	95	7
Rustenburg	10	16	60	10	13	30	795	732	-8

* Provisional figures

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

All Mines Fatalities per Classification			
Classification	01/01/2021 10/10/2021	01/01/2022- 10/10/2022	% Change
FALL OF GROUND/rockfall	15	3	-80
MACHINERY	3	1	-67
TRANSPORTATION AND MINING	10	12	20
GENERAL	6	14	133
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	1	1	0
ELECTRICITY	1	1	0
FIRES	0	1	100
EXPLOSIVES	0	1	100
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	1	0	-100
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	4	400
TOTAL	38	38	0

Gold Mines Fatalities per Classification			
Classification	01/01/2021 10/10/2021	01/01/2022- 10/10/2022	% Change
FALL OF GROUND/rockfall	8	1	-88
MACHINERY	1	0	-100
TRANSPORTATION AND MINING	3	4	33
GENERAL	3	5	67
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	1	100
ELECTRICITY	1	0	-100
FIRES	0	1	100
EXPLOSIVES	0	0	#DIV/0!
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	1	0	-100
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	1	100
TOTAL	17	13	-24

Coal Mines Fatalities per Classification			
Classification	01/01/2021 10/10/2021	01/01/2022- 10/10/2022	% Change
FALL OF GROUND/rockfall	0	1	100
MACHINERY	1	0	-100
TRANSPORTATION AND MINING	2	2	0
GENERAL	2	1	-50
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	1	0	-100
ELECTRICITY	0	0	#DIV/0!
FIRES	0	0	#DIV/0!
EXPLOSIVES	0	1	100
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	0	#DIV/0!
TOTAL	6	5	0

Other Mines Fatalities per Classification			
Classification	01/01/2021 10/10/2021	01/01/2022- 10/10/2022	% Change
FALL OF GROUND/rockfall	1	0	-100
MACHINERY	1	1	0
TRANSPORTATION AND MINING	1	0	-100
GENERAL	1	4	300
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	0	#DIV/0!
ELECTRICITY	0	1	100
FIRES	0	0	#DIV/0!
EXPLOSIVES	0	0	#DIV/0!
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	1	100
TOTAL	5	7	40

Platinum Mines Fatalities per Classification			
Classification	01/01/2021 10/10/2021	01/01/2022- 10/10/2022	% Change
FALL OF GROUND/rockfall	6	1	-83
MACHINERY	0	0	#DIV/0!
TRANSPORTATION AND MINING	4	6	50
GENERAL	0	4	400
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	0	#DIV/0!
ELECTRICITY	0	0	#DIV/0!
FIRES	0	0	#DIV/0!
EXPLOSIVES	0	0	#DIV/0!
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	2	200
TOTAL	10	13	100

All Mines Injuries per Classification			
Classification	01/01/2021-10/10/2021	01/01/2022-10/10/2022	% Change
FALL OF GROUND/rockfall	300	213	-29
MACHINERY	131	115	-12
TRANSPORTATION AND MINING	264	276	5
GENERAL	940	811	-14
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	31	18	-42
ELECTRICITY (Not causing fire)	8	7	-13
FIRES	3	5	67
EXPLOSIVES	5	1	-80
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	4	3	-25
DIVING SICKNESS	0	1	100
OCCUPATIONAL DISEASES	0	0	100
MISCELLANEOUS (specify)	9	43	378
TOTAL	1696	1493	-12

Gold Mines Injuries per Classification			
Classification	01/01/2021-10/10/2021	01/01/2022-10/10/2022	% Change
FALL OF GROUND/rockfall	158	79	-50
MACHINERY	44	34	-23
TRANSPORTATION AND MINING	85	78	-8
GENERAL	267	194	-27
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	5	3	-40
ELECTRICITY (Not causing fire)	2	1	-50
FIRES	0	0	#DIV/0!
EXPLOSIVES	5	0	-500
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	4	3	-25
DIVING SICKNESS	0	1	100
OCCUPATIONAL DISEASES	0	0	100
MISCELLANEOUS (specify)	0	5	500
TOTAL	570	398	-30

Coal Mines Injuries per Classification			
Classification	01/01/2021-10/10/2021	01/01/2022-10/10/2022	% Change
FALL OF GROUND/rockfall	7	6	-14
MACHINERY	14	15	7
TRANSPORTATION AND MINING	32	27	-16
GENERAL	81	94	16
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	0	#DIV/0!
ELECTRICITY (Not causing fire)	1	2	100
FIRES	1	0	-100
EXPLOSIVES	0	0	#DIV/0!
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	1	7	600
TOTAL	138	151	9

Other Mines Injuries per Classification			
Classification	01/01/2021-10/10/2021	01/01/2022-10/10/2022	% Change
FALL OF GROUND/rockfall	6	8	33
MACHINERY	26	31	19
TRANSPORTATION AND MINING	19	25	32
GENERAL	111	101	-9
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	2	0	-100
ELECTRICITY (Not causing fire)	2	2	0
FIRES	2	1	-50
EXPLOSIVES	0	1	100
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	4	11	175
TOTAL	172	180	5

Platinum Mines Injuries per Classification			
Classification	01/01/2021-10/10/2021	01/01/2022-10/10/2022	% Change
FALL OF GROUND/rockfall	129	120	-7
MACHINERY	47	35	-26
TRANSPORTATION AND MINING	128	146	14
GENERAL	481	422	-12
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	24	15	-38
ELECTRICITY (Not causing fire)	3	2	-33
FIRES	0	4	400
EXPLOSIVES	0	0	#DIV/0!
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	4	20	400
TOTAL	816	764	-6

Classification*	Persons Fatally Injured	Percentage
General (Struck by)	7	18%
General (Mudrush)	4	11%
Transportation and Mining (Winches)	4	11%
Transportation and Mining (TMM)	4	11%
Miscellaneous	4	11%
Transportation and Mining (RBE)	4	11%
FOG	3	8%
General (Fell in)	2	6%
General (Rolling rock)	1	3%
Explosives	1	3%
Machinery-Other (Chairlift)	1	3%
Electricity	1	3%
Conveyance	1	3%
Fire	1	3%
TOTAL	38	100%

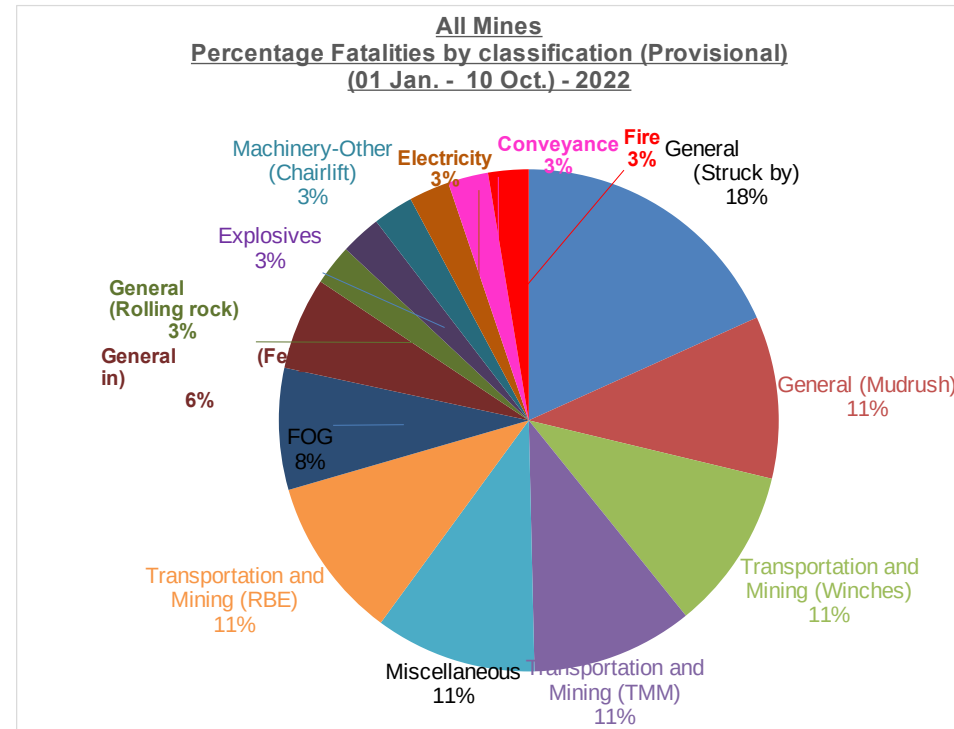
* provisional

Miscellaneous: Cause of fatality not yet determined.

FOG: Fall of Ground

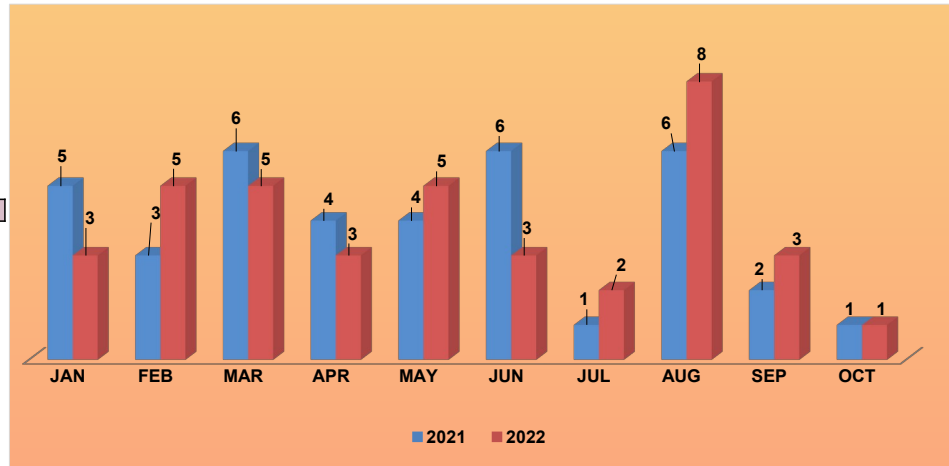
RBE: Railbound Equipment

TMM: Trackless Mobile Machines



2022 October		Provisional statistics					
Region	Mine name	Technical manager	Accident Description	Classification (Provisional)	Number of fatalities	Date	Commodity
GP			The now deceased woman Loco Driver was fatally injured when she was struck by the loco that was being moved from a stationary position. While the Loco Drivers were transporting empty cars to the station, the found a stationary loco with full hoppers on the way. In the process of moving the stationary loco out of the way, apparently the loco started moving uncontrolled and struck the now deceased against the sidewall. The now deceased was stationed in front of the then stationary loco. She was airlifted to a private hospital and was later confirmed deceased.	Transportation and Mining (RBE)	1	08/10/2022	Gold
					1		

	2021	2022	% Change	
JAN	5	3	-40	
FEB	3	5	67	
MAR	6	5	-17	
APR	4	3	-25	
MAY	4	5	25	
JUN	6	3	-50	
JUL	1	2	100	
AUG	6	8	33	
SEP	2	3	50	
OCT	1	1	0	as on 10-Oct.-2022
Year	38	38	0	



Fatalities 2022

	Gold	Coal	Platinum	Other	
January	 2	 0	 1	 0	
February	 1	 1	 1	 2	
March	 1	 2	 1	 1	
April	 1	 0	 1	 1	
May	 4	 0	 0	 1	
June	 1	 0	 2	 0	
July	 1	 0	 1	 0	
August	 1	 2	 3	 2	
September	 0	 0	 3	 0	
October	 1	 0	 0	 0	as on 10-11-2022
Total:	 13	 5	 13	 7	
Grand total:	38				

Fatalities 2021

	W Cape	N Cape	F State	E Cape	KZN	Mpumalanga	Limpopo	Gauteng	Klerksdorp	Rustenburg
January	0	0	0	0	0	0	0	2	0	1
February	0	0	1	0	0	1	0	0	0	3
March	0	1	0	0	1	1	0	1	0	1
April	0	0	0	0	0	0	0	0	1	2
May	0	0	0	0	0	0	1	4	0	0
June	0	0	0	0	0	0	1	1	0	1
July	0	0	1	0	0	0	0	0	0	1
August	1	0	0	0	0	2	0	0	1	4
September	0	0	0	0	0	0	0	0	0	3
October	0	0	0	0	0	0	0	1	0	0
Total:	1	1	2	0	1	4	2	9	2	16

as on 10-

Total: 38

WIM FATALITIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 10 Oct.
FALL OF GROUND	1	0	1	1	0	0
MACHINERY	0	1	0	0	0	0
TRANSPORTATION AND MINING	1	0	0	0	0	2
GENERAL	1	0	1	0	1	1
CONVEYANCE ACCIDENTS	0	0	0	0	0	0
ELECTRICITY	0	0	0	0	0	0
FIRES	0	0	0	0	0	0
EXPLOSIVES	0	0	0	0	0	0
SUBSIDENCE OR CAVING	0	0	0	0	0	0
HEAT SICKNESS	0	0	0	0	0	0
MISCELLANEOUS	0	0	0	0	0	0
TOTAL	3	1	2	1	1	3
WIM INJURIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 10 Oct.
FALL OF GROUND	6	8	7	3	9	4
MACHINERY	9	5	8	7	4	6
TRANSPORTATION AND MINING	28	33	31	31	15	22
GENERAL	115	123	121	102	121	104
CONVEYANCE ACCIDENTS	8	9	13	6	11	4
ELECTRICITY	2	0	1	0	1	0
FIRES	0	2	1	0	0	0
EXPLOSIVES	0	2	0	0	1	0
SUBSIDENCE OR CAVING	0	0	0	0	1	0
HEAT SICKNESS	0	0	0	0	0	1
MISCELLANEOUS	8	5	1	1	3	3
TOTAL	176	187	183	150	166	144