

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

(Provisional statistics)

Commodity	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 03/10/2021	01/01/2022 - 03/10/2022	% change	Total fatal accidents** 2021	Total fatal accidents** 2022	% change	01/01/2021 - 03/10/2021	01/01/2022 - 03/10/2022	% change
Total	38	37	-3	38	30	-21	1664	1469	-12
Gold	17	12	-29	17	8	-53	564	382	-32
Coal	6	5	-17	6	4	-33	136	148	9
Platinum	10	13	30	10	11	10	793	759	-4
Other	5	7	40	5	7	40	171	180	5

* Provisional figures

Region	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 03/10/2021	01/01/2022 - 03/10/2022	% change	Total fatal accidents	Total fatal accidents	% change	01/01/2021 - 03/10/2021	01/01/2022 - 03/10/2022	% Change
Total	38	37	-3	38	30	-21	1664	1469	-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	169	103	-39
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	138	167	21
Limpopo	1	2	100	1	2	100	104	101	-3
Gauteng	8	8	0	8	4	-50	331	202	-39
Klerksdorp	3	2	-33	3	2	-33	85	89	5
Rustenburg	10	16	60	10	13	30	771	732	-5

* Provisional figures

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

All Mines Fatalities per Classification			
Classification	01/01/2021 03/10/2021	01/01/2022- 03/10/2022	% Change
FALL OF GROUND/rockfall	15	3	-80
MACHINERY	3	1	-67
TRANSPORTATION AND MINING	10	11	10
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	37	-3

Gold Mines Fatalities per Classification			
Classification	01/01/2021 03/10/2021	01/01/2022- 03/10/2022	% Change
FALL OF GROUND/rockfall	8	1	-88
MACHINERY	1	0	-100
TRANSPORTATION AND MINING	3	3	0
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	12	-29

Coal Mines Fatalities per Classification			
Classification	01/01/2021 03/10/2021	01/01/2022- 03/10/2022	% 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 03/10/2021	01/01/2022- 03/10/2022	% 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 03/10/2021	01/01/2022- 03/10/2022	% 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	01/01/2021-03/10/2021	01/01/2022-03/10/2022	% Change
FALL OF GROUND/rockfall	297	210	-29
MACHINERY	126	111	-12
TRANSPORTATION AND MINING	258	271	5
GENERAL	922	799	-13
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	0	#DIV/0!
OCCUPATIONAL DISEASES	0	1	100
MISCELLANEOUS (specify)	9	43	378
TOTAL	1664	1469	-12

Gold Mines Injuries per Classification			
Classification	01/01/2021-03/10/2021	01/01/2022-03/10/2022	% Change
FALL OF GROUND/rockfall	158	76	-52
MACHINERY	43	31	-28
TRANSPORTATION AND MINING	84	77	-8
GENERAL	263	185	-30
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	0	#DIV/0!
OCCUPATIONAL DISEASES	0	1	100
MISCELLANEOUS (specify)	0	5	500
TOTAL	564	382	-32

Coal Mines Injuries per Classification			
Classification	01/01/2021-03/10/2021	01/01/2022-03/10/2022	% Change
FALL OF GROUND/rockfall	7	6	-14
MACHINERY	14	15	7
TRANSPORTATION AND MINING	31	26	-16
GENERAL	80	92	15
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	136	148	9

Other Mines Injuries per Classification			
Classification	01/01/2021-03/10/2021	01/01/2022-03/10/2022	% Change
FALL OF GROUND/rockfall	6	8	33
MACHINERY	26	31	19
TRANSPORTATION AND MINING	19	25	32
GENERAL	110	101	-8
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	171	180	5

Platinum Mines Injuries per Classification			
Classification	01/01/2021-03/10/2021	01/01/2022-03/10/2022	% Change
FALL OF GROUND/rockfall	126	120	-5
MACHINERY	43	34	-21
TRANSPORTATION AND MINING	124	143	15
GENERAL	469	421	-10
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	793	759	-4

Classification*	Persons Fatally Injured	Percentage
General (Struck by)	7	19%
General (Mudrush)	4	11%
Transportation and Mining (Winches)	4	11%
Transportation and Mining (TMM)	4	11%
Miscellaneous	4	11%
FOG	3	7%
Transportation and Mining (RBE)	3	7%
General (Fell in)	2	5%
General (Rolling rock)	1	3%
Explosives	1	3%
Machinery-Other (Chairlift)	1	3%
Electricity	1	3%
Conveyance	1	3%
Fire	1	3%
TOTAL	37	100%

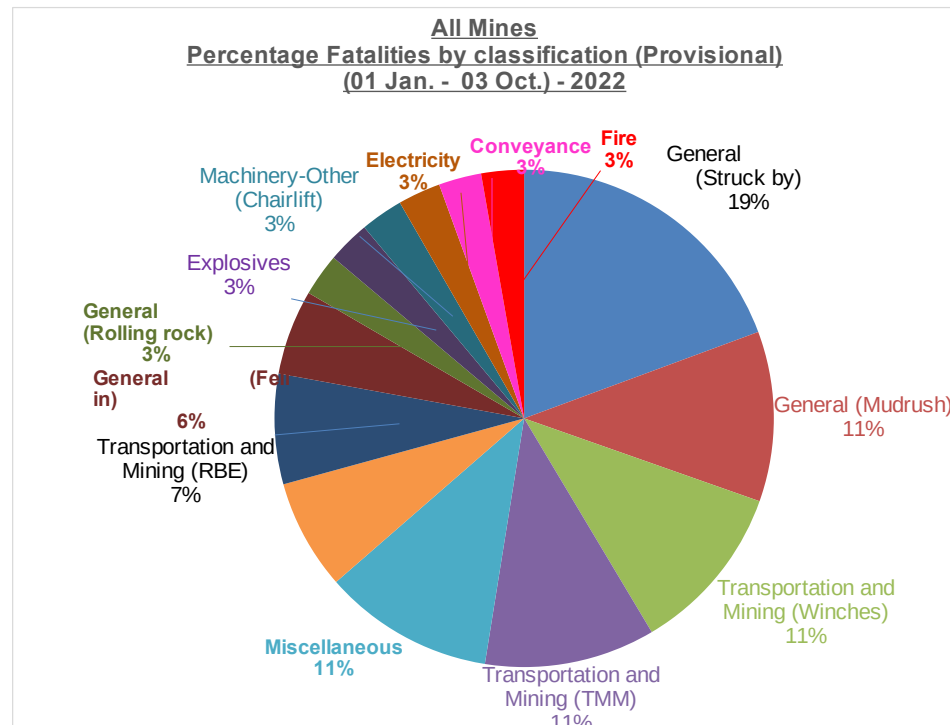
* provisional

Miscellaneous: Cause of fatality not yet determined.

FOG: Fall of Ground

RBE: Railbound Equipment

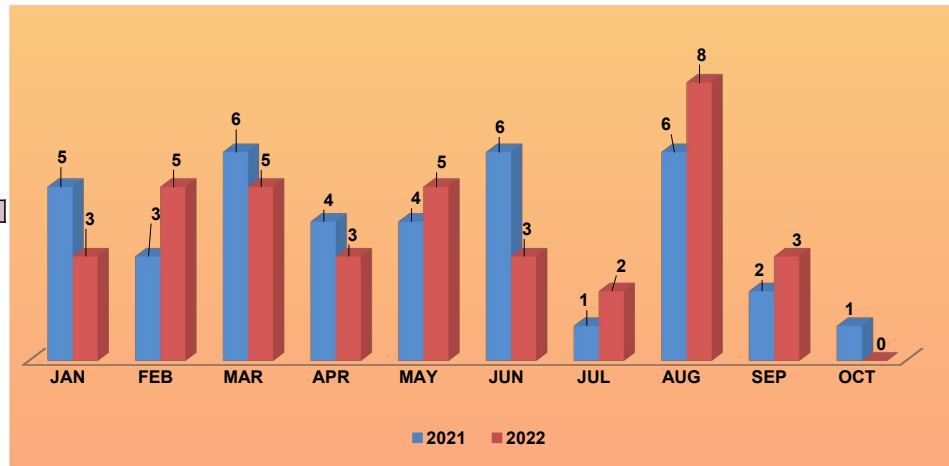
TMM: Trackless Mobile Machines



2022 October		Provisional statistics					
Region	Mine name	Technical manager	Accident Description	Classification (Provisional)	Number of fatalities	Date	Commodity
					0		

	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	0	-100
Year	38	37	-3

as on 03-Oct.-2022



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	 0	 0	 0	 0	as on 03-10
Total:	 12	 5	 13	 7	
Grand total:	37				

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	0	0	0
Total:	1	1	2	0	1	4	2	8	2	16

as on 03-1

Total: 37

WIM FATALITIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 03 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	1
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
TOTAL	3	1	2	1	1	2
WIM INJURIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 03 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	21
GENERAL	115	123	121	102	121	103
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	142