

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

(Provisional statistics)

Commodity	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 30/09/2021	01/01/2022 - 30/09/2022	% change	Total fatal accidents** 2021	Total fatal accidents** 2022	% change	01/01/2021 - 30/09/2021	01/01/2022 - 30/09/2022	% change
Total	37	37	0	37	30	-19	1655	1469	-11
Gold	16	12	-25	16	8	-50	563	382	-32
Coal	6	5	-17	6	4	-33	135	148	10
Platinum	10	13	30	10	11	10	787	759	-4
Other	5	7	40	5	7	40	170	180	6

* Provisional figures

Region	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 30/09/2021	01/01/2022 - 30/09/2022	% change	Total fatal accidents	Total fatal accidents	% change	01/01/2021 - 30/09/2021	01/01/2022 - 30/09/2022	% Change
Total	37	37	0	37	30	-19	1655	1469	-11
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	137	167	22
Limpopo	1	2	100	1	2	100	104	101	-3
Gauteng	7	8	14	7	4	-43	329	202	-39
Klerksdorp	3	2	-33	3	2	-33	85	89	5
Rustenburg	10	16	60	10	13	30	765	732	-4

* Provisional figures

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

All Mines Fatalities per Classification			
Classification	01/01/2021 30/09/2021	01/01/2022- 30/09/2022	% 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	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	4	400
TOTAL	37	37	0

Gold Mines Fatalities per Classification			
Classification	01/01/2021 30/09/2021	01/01/2022- 30/09/2022	% 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	0	0	#DIV/0!
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	1	100
TOTAL	16	12	-25

Coal Mines Fatalities per Classification			
Classification	01/01/2021 30/09/2021	01/01/2022- 30/09/2022	% 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 30/09/2021	01/01/2022- 30/09/2022	% 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 30/09/2021	01/01/2022- 30/09/2022	% 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	01/01/2021-30/09/2021	01/01/2022-30/09/2022	% Change
FALL OF GROUND/rockfall	296	210	-29
MACHINERY	126	111	-12
TRANSPORTATION AND MINING	256	271	6
GENERAL	916	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	1655	1469	-11

Gold Mines Injuries per Classification			
Classification	01/01/2021-30/09/2021	01/01/2022-30/09/2022	% Change
FALL OF GROUND/rockfall	158	76	-52
MACHINERY	43	31	-28
TRANSPORTATION AND MINING	84	77	-8
GENERAL	262	185	-29
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	563	382	-32

Coal Mines Injuries per Classification			
Classification	01/01/2021-30/09/2021	01/01/2022-30/09/2022	% Change
FALL OF GROUND/rockfall	7	6	-14
MACHINERY	14	15	7
TRANSPORTATION AND MINING	30	26	-13
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	135	148	10

Other Mines Injuries per Classification			
Classification	01/01/2021-30/09/2021	01/01/2022-30/09/2022	% Change
FALL OF GROUND/rockfall	6	8	33
MACHINERY	26	31	19
TRANSPORTATION AND MINING	19	25	32
GENERAL	109	101	-7
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	170	180	6

Platinum Mines Injuries per Classification			
Classification	01/01/2021-30/09/2021	01/01/2022-30/09/2022	% Change
FALL OF GROUND/rockfall	125	120	-4
MACHINERY	43	34	-21
TRANSPORTATION AND MINING	123	143	16
GENERAL	465	421	-9
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	787	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%

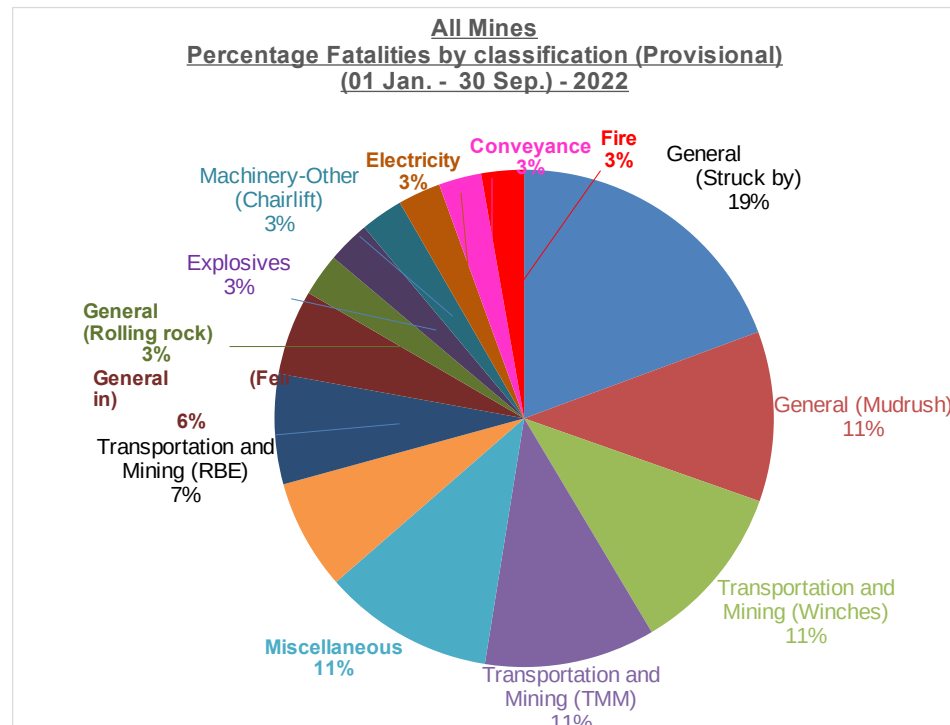
* provisional

Miscellaneous: Cause of fatality not yet determined.

FOG: Fall of Ground

RBE: Railbound Equipment

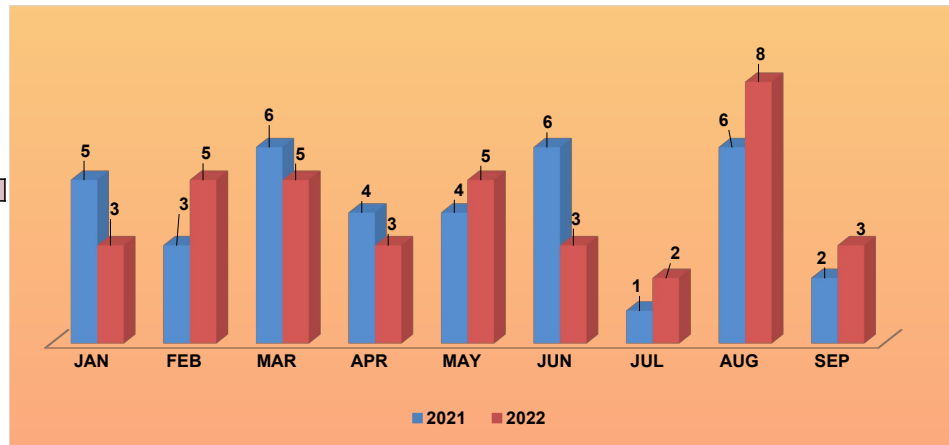
TMM: Trackless Mobile Machines



2022 September		Provisional statistics					
Region	Mine name	Technical manager	Accident Description	Classification (Provisional)	Number of fatalities	Date	Commodity
RST			The now deceased woman Utility Vehicle Operator was fatally injured when she was struck by a Load Haul Dumper (LHD) underground.	Transportation and Mining (TMM)	1	11/09/2022	Platinum
RST			The now deceased employee was fatally injured when he was struck by a pipe column that fell on him as the suspension chain broke off. The now deceased was walking from behind the workshop to his working station.	General (Struck by)	1	15/09/2022	Platinum
RST			The now deceased Monowinch Operator was found lying in the centre gully. He still had vital sign during first aid. He was transported to surface and handed to the paramedics, who declared him deceased.	Miscellaneous	1	27/09/2022	Platinum
					3		

	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
Year	37	37	0

as on 30-Sep.-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	as on 30-9
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
Total:	1	1	2	0	1	4	2	8	2	16

as on 30-9

Total: 37

WIM FATALITIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 30 Sep.
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 30 Sep.
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