

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

(Provisional statistics)

Commodity	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 05/12/2021	01/01/2022 - 05/12/2022	% change	Total fatal accidents** 2021	Total fatal accidents** 2022	% change	01/01/2021 - 05/12/2021	01/01/2022 - 05/12/2022	% change
Total	63	46	-27	57	37	-35	2058	1797	-13
Gold	24	15	-38	22	10	-55	713	486	-32
Coal	9	6	-33	7	5	-29	169	163	-4
Platinum	19	17	-11	17	14	-18	978	930	-5
Other	11	8	-27	11	8	-27	198	218	10

* Provisional figures

Region	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 05/12/2021	01/01/2022 - 05/12/2022	% change	Total fatal accidents	Total fatal accidents	% change	01/01/2021 - 05/12/2021	01/01/2022 - 05/12/2022	% Change
Total	63	46	-27	57	37	-35	2058	1797	-13
Western Cape	1	1	0	1	1	0	6	9	50
Northern Cape	6	1	-83	6	1	-83	52	58	12
Free State	7	3	-57	7	3	-57	205	144	-30
Eastern Cape	0	0	#DIV/0!	0	0	#DIV/0!	3	2	-33
KwaZulu/Natal	1	1	0	1	1	0	19	15	-21
Mpumalanga	9	6	-33	7	5	-29	168	184	10
Limpopo	4	3	-25	4	2	-50	124	135	9
Gauteng	13	9	-31	12	5	-58	422	236	-44
Klerksdorp	4	2	-50	3	2	-33	109	121	11
Rustenburg	18	20	11	16	17	6	950	893	-6

* Provisional figures

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

All Mines Fatalities per Classification			
Classification	01/01/2021 05/12/2021	01/01/2022- 05/12/2022	% Change
FALL OF GROUND/rockfall	21	4	-81
MACHINERY	6	1	-83
TRANSPORTATION AND MINING	14	16	14
GENERAL	12	15	25
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	1	1	0
ELECTRICITY	2	1	-50
FIRES	0	1	100
EXPLOSIVES	2	1	-50
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	3	0	-300
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	1	6	500
TOTAL	63	46	-27

Gold Mines Fatalities per Classification			
Classification	01/01/2021 05/12/2021	01/01/2022- 05/12/2022	% Change
FALL OF GROUND/rockfall	10	2	-80
MACHINERY	2	0	-200
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	1	0	-100
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	3	0	-100
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	1	2	200
TOTAL	24	15	-38

Coal Mines Fatalities per Classification			
Classification	01/01/2021 05/12/2021	01/01/2022- 05/12/2022	% Change
FALL OF GROUND/rockfall	0	1	100
MACHINERY	1	0	-100
TRANSPORTATION AND MINING	2	2	0
GENERAL	5	2	-60
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	9	6	0

Other Mines Fatalities per Classification			
Classification	01/01/2021 05/12/2021	01/01/2022- 05/12/2022	% Change
FALL OF GROUND/rockfall	2	0	-200
MACHINERY	3	1	-67
TRANSPORTATION AND MINING	3	1	-67
GENERAL	1	4	300
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	0	#DIV/0!
ELECTRICITY	1	1	0
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	11	8	-27

Platinum Mines Fatalities per Classification			
Classification	01/01/2021 05/12/2021	01/01/2022- 05/12/2022	% Change
FALL OF GROUND/rockfall	9	1	-89
MACHINERY	0	0	#DIV/0!
TRANSPORTATION AND MINING	6	9	50
GENERAL	3	4	33
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	0	#DIV/0!
ELECTRICITY	0	0	#DIV/0!
FIRES	0	0	#DIV/0!
EXPLOSIVES	1	0	-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	3	300
TOTAL	19	17	100

All Mines Injuries per Classification			
Classification	01/01/2021-05/12/2021	01/01/2022-05/12/2022	% Change
FALL OF GROUND/rockfall	362	255	-30
MACHINERY	154	140	-9
TRANSPORTATION AND MINING	312	331	6
GENERAL	1122	977	-13
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	38	24	-37
ELECTRICITY (Not causing fire)	13	10	-23
FIRES	3	5	67
EXPLOSIVES	11	1	-91
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	30	3	-90
DIVING SICKNESS	0	0	0
OCCUPATIONAL DISEASES	0	1	100
MISCELLANEOUS (specify)	12	50	317
TOTAL	2058	1797	-13

Gold Mines Injuries per Classification			
Classification	01/01/2021-05/12/2021	01/01/2022-05/12/2022	% Change
FALL OF GROUND/rockfall	190	95	-50
MACHINERY	55	44	-20
TRANSPORTATION AND MINING	98	88	-10
GENERAL	321	242	-25
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	8	6	-25
ELECTRICITY (Not causing fire)	2	1	-50
FIRES	0	0	#DIV/0!
EXPLOSIVES	9	0	-500
SUBSIDENCE OR CAVING	0	0	#DIV/0!
HEAT SICKNESS	30	3	-90
DIVING SICKNESS	0	0	0
OCCUPATIONAL DISEASES	0	1	100
MISCELLANEOUS (specify)	0	6	600
TOTAL	713	486	-32

Coal Mines Injuries per Classification			
Classification	01/01/2021-05/12/2021	01/01/2022-05/12/2022	% Change
FALL OF GROUND/rockfall	9	6	-33
MACHINERY	18	17	-6
TRANSPORTATION AND MINING	38	30	-21
GENERAL	98	101	3
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	0	0	#DIV/0!
ELECTRICITY (Not causing fire)	3	2	-33
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	169	163	-4

Other Mines Injuries per Classification			
Classification	01/01/2021-05/12/2021	01/01/2022-05/12/2022	% Change
FALL OF GROUND/rockfall	8	8	0
MACHINERY	27	35	30
TRANSPORTATION AND MINING	23	40	74
GENERAL	127	119	-6
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	2	0	-100
ELECTRICITY (Not causing fire)	3	2	-33
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)	6	12	100
TOTAL	198	218	10

Platinum Mines Injuries per Classification			
Classification	01/01/2021-05/12/2021	01/01/2022-05/12/2022	% Change
FALL OF GROUND/rockfall	155	146	-6
MACHINERY	54	44	-19
TRANSPORTATION AND MINING	153	173	13
GENERAL	576	515	-11
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	28	18	-36
ELECTRICITY (Not causing fire)	5	5	0
FIRES	0	4	400
EXPLOSIVES	2	0	-200
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)	5	25	400
TOTAL	978	930	-5

Classification*	Persons Fatally Injured	Percentage
General (Struck by)	7	15%
Transportation and Mining (TMM)	7	15%
Miscellaneous	6	13%
Transportation and Mining (RBE)	5	11%
Transportation and Mining (Winches)	4	9%
General (Mudrush)	4	9%
FOG	4	9%
General (Fell in)	2	5%
General (Rolling rock)	1	2%
Explosives	1	2%
Machinery-Other (Chairlift)	1	2%
Electricity	1	2%
Conveyance	1	2%
Fire	1	2%
General (Engulfed by)	1	2%
TOTAL	46	100%

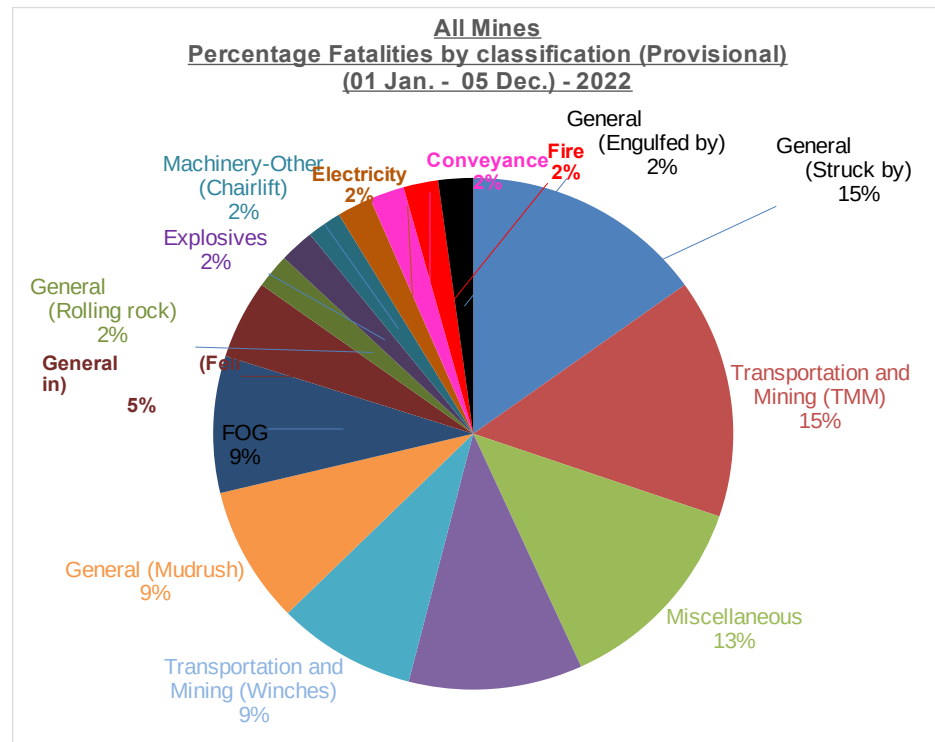
* provisional

Miscellaneous: Cause of fatality not yet determined.

FOG: Fall of Ground

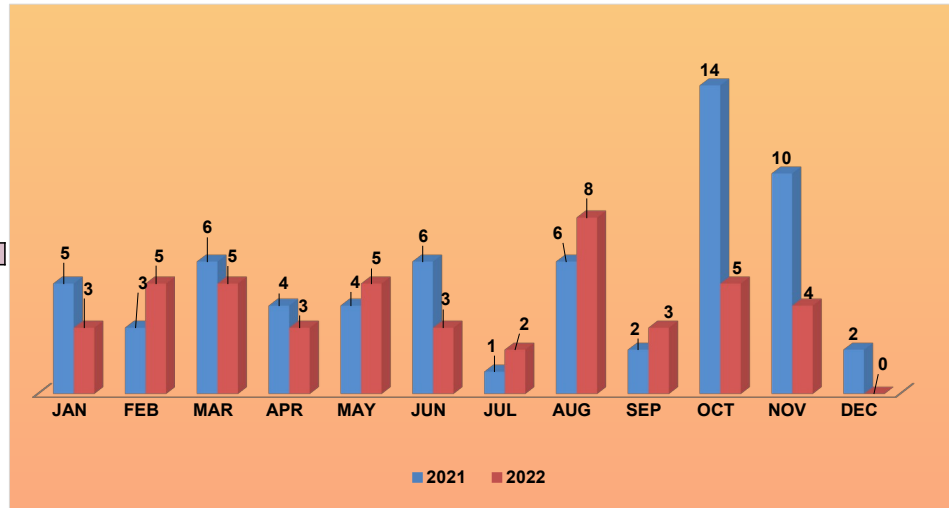
RBE: Railbound Equipment

TMM: Trackless Mobile Machines



2022 December		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	14	5	-64	
NOV	10	4	-60	
DEC	2	0	-200	as on 05-Dec.-2022
Year	63	46	-27	



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	 2	 0	 3	 0	
November	 1	 1	 1	 1	
December	 0	 0	 0	 0	as on 05-1
Total:	 15	 6	 17	 8	
Grand total:	46				

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	1	0	1	0	3
November	0	0	1	0	0	1	1	0	0	1
December	0	0	0	0	0	0	0	0	0	0
Total:	1	1	3	0	1	6	3	9	2	20

as on 05-I

Total:	46
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WIM (Women in Mining) FATALITIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 05 Dec.
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 (Women in Mining) INJURIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 05 Dec.
FALL OF GROUND	6	8	7	3	9	5
MACHINERY	9	5	8	7	4	6
TRANSPORTATION AND MINING	28	33	31	31	15	25
GENERAL	115	123	121	102	121	132
CONVEYANCE ACCIDENTS	8	9	13	6	11	6
ELECTRICITY	2	0	1	0	1	1
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	179