

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

(Provisional statistics)

Commodity	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 12/12/2021	01/01/2022 - 12/12/2022	% change	Total fatal accidents** 2021	Total fatal accidents** 2022	% change	01/01/2021 - 12/12/2021	01/01/2022 - 12/12/2022	% change
Total	70	48	-31	62	39	-37	2123	1946	-8
Gold	28	16	-43	24	11	-54	733	547	-25
Coal	9	6	-33	7	5	-29	170	172	1
Platinum	20	17	-15	18	14	-22	1014	999	-1
Other	13	9	-31	13	9	-31	206	228	11

* Provisional figures

Region	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 12/12/2021	01/01/2022 - 12/12/2022	% change	Total fatal accidents	Total fatal accidents	% change	01/01/2021 - 12/12/2021	01/01/2022 - 12/12/2022	% Change
Total	70	48	-31	62	39	-37	2123	1936	-9
Western Cape	1	1	0	1	1	0	6	9	50
Northern Cape	6	1	-83	6	1	-83	54	58	7
Free State	10	3	-70	8	3	-63	214	158	-26
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	169	198	17
Limpopo	5	4	-20	5	3	-40	131	147	12
Gauteng	14	10	-29	13	6	-54	427	276	-35
Klerksdorp	4	2	-50	3	2	-33	116	124	7
Rustenburg	20	20	0	18	17	-6	984	949	-4

* Provisional figures

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

SYSTEM STILL
UPDATING

All Mines Fatalities per Classification			
Classification	01/01/2021 19/12/2021	01/01/2022- 19/12/2022	% Change
FALL OF GROUND/rockfall	22	6	-73
MACHINERY	6	1	-83
TRANSPORTATION AND MINING	18	16	-11
GENERAL	14	15	7
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	70	48	-31

Gold Mines Fatalities per Classification			
Classification	01/01/2021 19/12/2021	01/01/2022- 19/12/2022	% Change
FALL OF GROUND/rockfall	10	3	-70
MACHINERY	2	0	-200
TRANSPORTATION AND MINING	7	4	-43
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	28	16	-43

Coal Mines Fatalities per Classification			
Classification	01/01/2021 19/12/2021	01/01/2022- 19/12/2022	% 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 19/12/2021	01/01/2022- 19/12/2022	% Change
FALL OF GROUND/rockfall	2	1	-50
MACHINERY	3	1	-67
TRANSPORTATION AND MINING	3	1	-67
GENERAL	3	4	33
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	13	9	-31

Platinum Mines Fatalities per Classification			
Classification	01/01/2021 19/12/2021	01/01/2022- 19/12/2022	% Change
FALL OF GROUND/rockfall	10	1	-90
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	20	17	100

All Mines Injuries per Classification			
Classification	01/01/2021-19/12/2021	01/01/2022-19/12/2022	% Change
FALL OF GROUND/rockfall	370	277	-25
MACHINERY	161	150	-7
TRANSPORTATION AND MINING	323	361	12
GENERAL	1160	1059	-9
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	39	24	-38
ELECTRICITY (Not causing fire)	13	11	-15
FIRES	3	6	100
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	53	342
TOTAL	2123	1946	-8

Gold Mines Injuries per Classification			
Classification	01/01/2021-19/12/2021	01/01/2022-19/12/2022	% Change
FALL OF GROUND/rockfall	191	108	-43
MACHINERY	58	49	-16
TRANSPORTATION AND MINING	105	99	-6
GENERAL	330	274	-17
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	8	6	-25
ELECTRICITY (Not causing fire)	2	1	-50
FIRES	0	0	#DIV/0!
EXPLOSIVES	9	0	-900
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	733	547	-25

Coal Mines Injuries per Classification			
Classification	01/01/2021-19/12/2021	01/01/2022-19/12/2022	% Change
FALL OF GROUND/rockfall	9	6	-33
MACHINERY	18	18	0
TRANSPORTATION AND MINING	38	32	-16
GENERAL	99	106	7
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	8	700
TOTAL	170	172	1

Other Mines Injuries per Classification			
Classification	01/01/2021-19/12/2021	01/01/2022-19/12/2022	% Change
FALL OF GROUND/rockfall	8	8	0
MACHINERY	31	36	16
TRANSPORTATION AND MINING	23	41	78
GENERAL	131	126	-4
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	2	0	-200
ELECTRICITY (Not causing fire)	3	2	-33
FIRES	2	2	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)	6	12	100
TOTAL	208	228	11

Platinum Mines Injuries per Classification			
Classification	01/01/2021-19/12/2021	01/01/2022-19/12/2022	% Change
FALL OF GROUND/rockfall	162	155	-4
MACHINERY	54	47	-13
TRANSPORTATION AND MINING	157	189	20
GENERAL	600	553	-8
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	29	18	-38
ELECTRICITY (Not causing fire)	5	6	20
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	27	440
TOTAL	1014	999	-1

Classification*	Persons Fatally Injured	Percentage
General (Struck by)	7	15%
Transportation and Mining (TMM)	7	15%
Miscellaneous	6	13%
FOG	6	13%
Transportation and Mining (RBE)	5	10%
Transportation and Mining (Winches)	4	8%
General (Mudrush)	4	8%
General (Fell in)	2	4%
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	48	100%

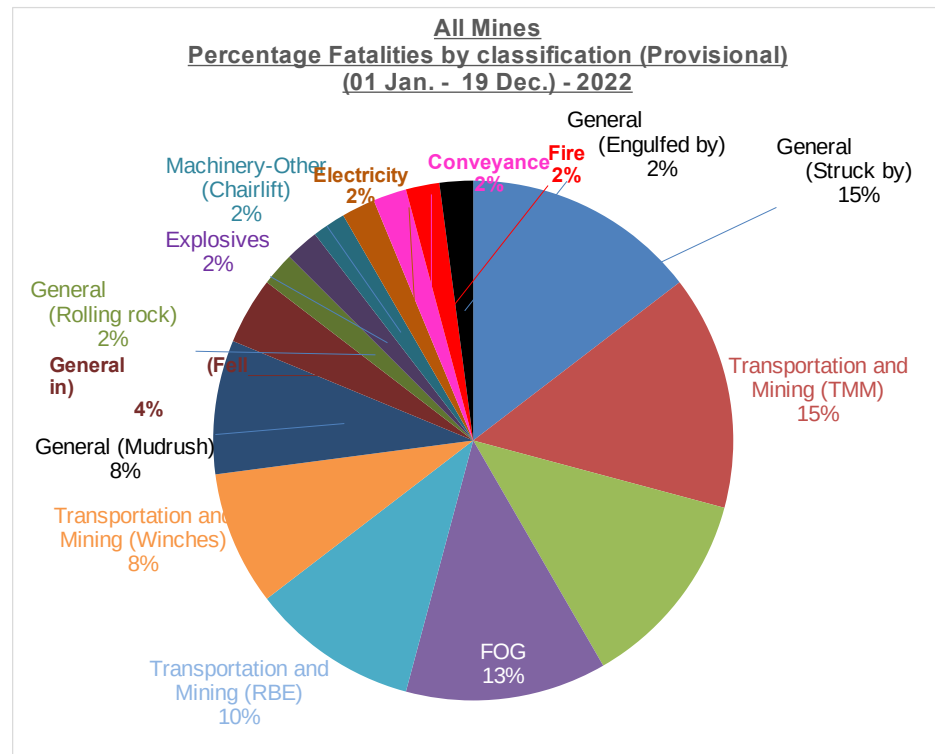
* provisional

Miscellaneous: Cause of fatality not yet determined.

FOG: Fall of Ground

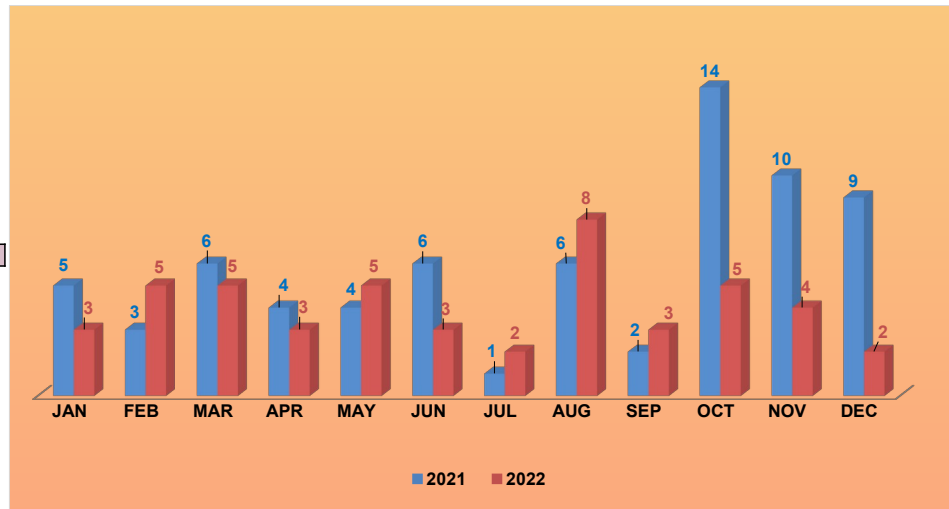
RBE: Railbound Equipment

TMM: Trackless Mobile Machines



2022 December		Provisional statistics					
Region	Mine name	Technical manager	Accident Description	Classification (Provisional)	Number of fatalities	Date	Commodity
LP			The now deceased Miner was fatally injured in a gravity induced fall of ground accident. The now deceased was sitting, examining the hanging wall with the Safety Officer when an approximately 1m x 1m x 1m rock fell on him.	FOG-gravity	1	05/12/2022	Chrome
GP			The now deceased Rock Drill Operator was involved in a 0.5 magnitude seismic induced fall of ground accident together with four other colleagues. The Team Leader sustained a deep laceration on the back foot while the now deceased was inundated with broken rocks. The now deceased was later recovered and he had succumbed to injuries sustained.	FOG-seismic	1	15/12/2022	Gold
					2		

	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	9	2	-78	as on 19-Dec.-2022
Year	70	48	-31	



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	 1	 0	 0	 1
Total:	 16	 6	 17	 9
Grand total:	48			

as on 19-f

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	1	1	0	0
Total:	1	1	3	0	1	6	4	10	2	20

as on 19-I

Total:	48
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WIM (Women in Mining) FATALITIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 19 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 19 Dec.
FALL OF GROUND	6	8	7	3	9	5
MACHINERY	9	5	8	7	4	7
TRANSPORTATION AND MINING	28	33	31	31	15	27
GENERAL	115	123	121	102	121	143
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	193