

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

(Provisional statistics)

Commodity	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 17/10/2021	01/01/2022 - 17/10/2022	% change	Total fatal accidents** 2021	Total fatal accidents** 2022	% change	01/01/2021 - 17/10/2021	01/01/2022 - 17/10/2022	% change
Total	42	39	-7	38	31	-18	1763	1522	-14
Gold	19	14	-26	17	9	-47	624	406	-35
Coal	6	5	-17	6	4	-33	143	152	6
Platinum	12	13	8	10	11	10	823	780	-5
Other	5	7	40	5	7	40	173	184	6

* Provisional figures

Region	Fatalities*						Injuries*		
	Actual						Actual		
	01/01/2021 - 17/10/2021	01/01/2022 - 17/10/2022	% change	Total fatal accidents	Total fatal accidents	% change	01/01/2021 - 17/10/2021	01/01/2022 - 17/10/2022	% Change
Total	38	39	3	38	31	-18	1696	1522	-10
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	5	-17	6	4	-33	140	172	23
Limpopo	1	2	100	1	2	100	104	109	5
Gauteng	8	9	13	8	5	-38	331	214	-35
Klerksdorp	3	2	-33	3	2	-33	89	102	15
Rustenburg	10	16	60	10	13	30	795	747	-6

* Provisional figures

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

All Mines Fatalities per Classification			
Classification	01/01/2021 17/10/2021	01/01/2022- 17/10/2022	% Change
FALL OF GROUND/rockfall	16	3	-81
MACHINERY	3	1	-67
TRANSPORTATION AND MINING	11	12	9
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	3	0	-100
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	5	500
TOTAL	42	39	-7

Gold Mines Fatalities per Classification			
Classification	01/01/2021 17/10/2021	01/01/2022- 17/10/2022	% 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	3	0	-100
DIVING SICKNESS	0	0	#DIV/0!
OCCUPATIONAL DISEASES	0	0	#DIV/0!
MISCELLANEOUS (specify)	0	2	200
TOTAL	19	14	-26

Coal Mines Fatalities per Classification			
Classification	01/01/2021 17/10/2021	01/01/2022- 17/10/2022	% 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 17/10/2021	01/01/2022- 17/10/2022	% 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 17/10/2021	01/01/2022- 17/10/2022	% Change
FALL OF GROUND/rockfall	7	1	-86
MACHINERY	0	0	#DIV/0!
TRANSPORTATION AND MINING	5	6	20
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	12	13	100

All Mines Injuries per Classification			
Classification	01/01/2021-17/10/2021	01/01/2022-17/10/2022	% Change
FALL OF GROUND/rockfall	313	220	-30
MACHINERY	134	119	-11
TRANSPORTATION AND MINING	267	281	5
GENERAL	958	822	-14
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	34	18	-47
ELECTRICITY (Not causing fire)	8	7	-13
FIRES	3	5	67
EXPLOSIVES	5	1	-80
SUBSIDENCE OR CAVING	1	0	-100
HEAT SICKNESS	30	3	-90
DIVING SICKNESS	0	0	100
OCCUPATIONAL DISEASES	0	1	100
MISCELLANEOUS (specify)	10	45	350
TOTAL	1763	1522	-14

Gold Mines Injuries per Classification			
Classification	01/01/2021-17/10/2021	01/01/2022-17/10/2022	% Change
FALL OF GROUND/rockfall	169	82	-51
MACHINERY	46	35	-24
TRANSPORTATION AND MINING	88	78	-11
GENERAL	277	198	-29
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	7	3	-57
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	30	3	-90
DIVING SICKNESS	0	0	0
OCCUPATIONAL DISEASES	0	1	100
MISCELLANEOUS (specify)	0	5	500
TOTAL	624	406	-35

Coal Mines Injuries per Classification			
Classification	01/01/2021-17/10/2021	01/01/2022-17/10/2022	% Change
FALL OF GROUND/rockfall	7	6	-14
MACHINERY	15	16	7
TRANSPORTATION AND MINING	32	27	-16
GENERAL	85	94	11
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	143	152	6

Other Mines Injuries per Classification			
Classification	01/01/2021-17/10/2021	01/01/2022-17/10/2022	% Change
FALL OF GROUND/rockfall	6	8	33
MACHINERY	26	33	27
TRANSPORTATION AND MINING	19	26	37
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)	5	12	140
TOTAL	173	184	6

Platinum Mines Injuries per Classification			
Classification	01/01/2021-17/10/2021	01/01/2022-17/10/2022	% Change
FALL OF GROUND/rockfall	131	124	-5
MACHINERY	47	35	-26
TRANSPORTATION AND MINING	128	150	17
GENERAL	485	429	-12
CONVEYANCE ACCIDENTS (SHAFT/WINZE)	25	15	-40
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	21	425
TOTAL	823	780	-5

Classification*	Persons Fatally Injured	Percentage
General (Struck by)	7	18%
Miscellaneous	5	13%
Transportation and Mining (Winches)	4	10%
Transportation and Mining (TMM)	4	10%
General (Mudrush)	4	10%
Transportation and Mining (RBE)	4	10%
FOG	3	7%
General (Fell in)	2	4%
General (Rolling rock)	1	3%
Explosives	1	3%
Machinery-Other (Chairlift)	1	3%
Electricity	1	3%
Conveyance	1	3%
Fire	1	3%
TOTAL	39	100%

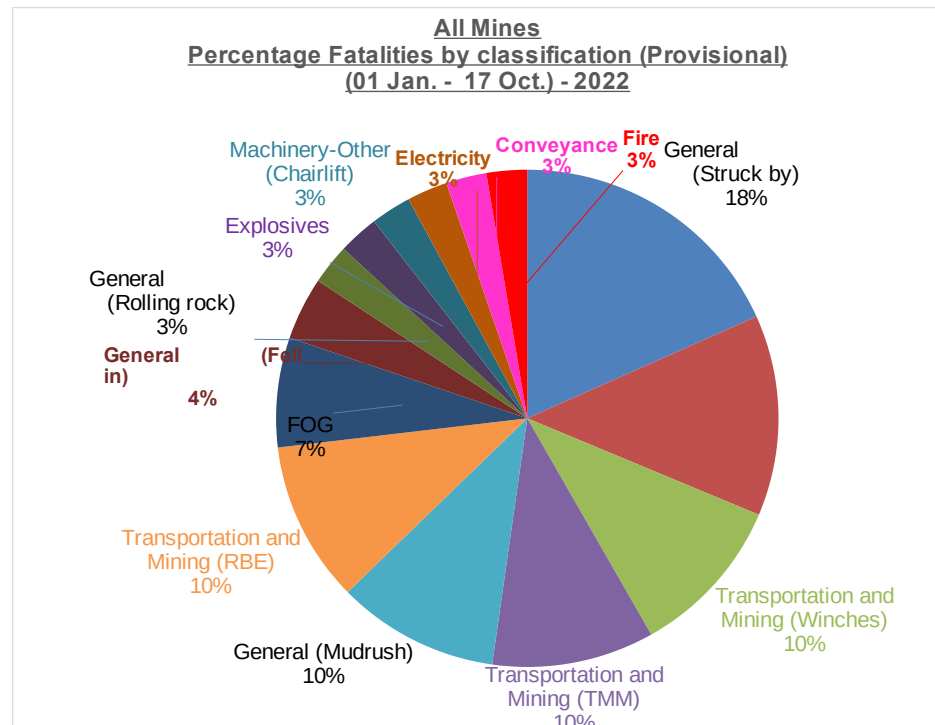
* provisional

Miscellaneous: Cause of fatality not yet determined.

FOG: Fall of Ground

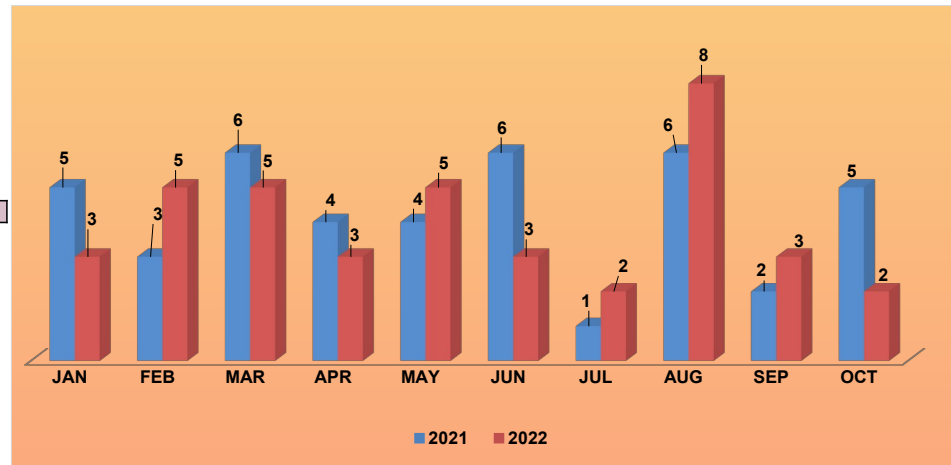
RBE: Railbound Equipment

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
MP			The now deceased Winch Driver, who had not clocked out from underground, was found by a search team underground, hanging on a bellwire suspended from a hangingwall roofbolt in the gully. Investigation is ensuing.	Miscellaneous	1	08/10/2022	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	5	2	-60	as on 17-Oct.-2022
Year	42	39	-7	



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	 0	 0	as on 17-10
Total:	 14	 5	 13	 7	
Grand total:	39				

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	0
Total:	1	1	2	0	1	5	2	9	2	16

as on 17-1

Total: 39

WIM FATALITIES PER CLASSIFICATION						
	2017	2018	2019	2020	2021	2022 to 17 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 17 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	105
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	145