























hauling equipment																							
human power machine																							
hand tool			2																				2
ladder														1									1
slinging tool																							
other tools			2																		1		3
other equipment, facilities			1		1				1													1	4
scaffolding																							
timbering																			1				1
stairs, landing stage			1								1												2
opening																							
roof, beam, haze, crossbeam, principal rafter												1											1
working platform, boot board			3						1													2	6
passage			3						1				1									1	6
building, establishment							2									1							3



water																									
abnormal environment																									
high/cold temperature environment																									
other environments																			1						1
other causal agent																									
no causal agent			2											1											3
unclassifiable																									
total	61	46	50	2	5	2	5	2	3	2	3	2	4	3	6	2	1	2	3	6			2	3	215

Workers age of fatal and non-fatal accidents in coal mining in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less	1				1																				2
20-29	4	1	2				1				1		1	1				1	1						13
30-39	10	5	10		1		1						1		1					1					30
40-49	25	24	22	1	2	1	1		1			2	1		2								1		83
50-59	17	16	16	1	1	1	2	1			1		1	2	2	1	1		2	4			1	3	73
60 years old or	4							1	2	2	1				1	1		1		1					14

more																									
total	61	46	50	2	5	2	5	2	3	2	3	2	4	3	6	2	1	2	3	6			2	3	215

Workers' number of workplace of fatal and non-fatal accidents in coal mining in 1999-2022

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
9 workers or less	1		3	1	3		2	1			2		1		1		1	1						1	18
10-29	11	4	4	1	1				2	2			2	1	2	1			2	2				1	36
30-49	2	4	1			1		1	1				1	2	2			1		1					17
50-99	11	8	4		1		1				1	1			1				1				1		30
100-299	13	8	7																	3			1	1	33
300 workers or more	23	22	31			1	2					1				1									81
total	61	46	50	2	5	2	5	2	3	2	3	2	4	3	6	2	1	2	3	6			2	3	215

Month of fatal and non-fatal accidents in coal mining in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	5	5	4				1				1												1		17
February	7	8	5							1				1	1								1		24
March	2	2	5										1										1		11
April	6	4	6				1				1				1				1	2					22













unclassifiable																									
total		2																							2

Causal agents (large) of fatal accidents in coal mining in 1999-2022

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
machine																									
crane, conveying machine		1																							1
other equipment		1																							1
temporary buildings, establishments																									
substance, material																									
load																									
environment																									
others																									
total		2																							2

Causal agents (middle) of fatal accidents in coal mining in 1999-2022

































