

Fatal and non-fatal accidents in general coal mining in Japan in 1999-2021

general coal mining industry Code No.020101

Type of accidents in general coal mining in 1999-2021

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents	
fall from height	3		1		2		1	1	1	1		1		1	1					1				14	fall from height	
falling to same level	5	3	2											1						2				13	falling to same level	
crash	1	2	5				2												1					11	crash	
struck by flying or falling object	11	9	11	1			1			1		1			1					1			1	38	struck by flying or falling object	
collapse	2	2	3																	1				8	collapse	
crashed by	12	10	5																	1				28	crashed by	
caught in/between	17	10	11										1		2	1								42	caught in/between	
cut	1	1																						2	cut	
injury to the sole of the foot	1	1	1																					3	injury to the sole of the foot	
drown																										drown
contact to high/low-temperature		1																						1	contact to high/low-temperature	

machine	6	8	6		1		2								1	1								26	conveying machine	
other equipment	12	13	4		1				1						1									1	33	other equipment
temporary buildings, establishments	7	4	7			1	1	1				1													23	temporary buildings, establishments
substance, material	18	10	16	1						1									1	1					48	substance, material
load	5	2	2												1										10	load
environment	6	6	5		1		1			1		1		1									3		25	environment
others		1	2											1											4	others
total	58	45	47	1	4	1	4	1	1	2		2	1	2	4	1			1	6				1	182	total

Causal agents (middle) of fatal and non-fatal accidents in general coal mining in 1999-2021

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (M) agents	
engine																										engine
power transmission mechanism	2												1		1										4	power transmission mechanism
woodworking machine																										woodworking machine

construction machine	2			1																	3	construction machine	
metal manufacturing machine																						metal manufacturing machine	
general machine		1	5																			6	general machine
mobile silviculture machine																						mobile silviculture machine	
crane		2	3			1																6	crane
conveying machine	6	6	3	1	1								1	1								20	conveying machine
vehicle																						vehicle	
pressure vessel																						pressure vessel	
chemical facilities																						chemical facilities	
welding equipment																						welding equipment	
kiln, caldron																						kiln, caldron	
electric equipment																						electric equipment	
human power machine, tools	10	2	2																			14	human power machine, tools

Workers age of fatal and non-fatal accidents in general coal mining in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	1				1																			2	19 years old or less
20-29	4	1	1				1							1										8	20-29
30-39	10	5	9				1						1		1					1				28	30-39
40-49	24	23	22		2	1	1					2			1								1	77	40-49
50-59	17	16	15	1	1		1	1						1	2				1	4				60	50-59
60 years old or more	2								1	2						1				1				7	60 years old or more
total	58	45	47	1	4	1	4	1	1	2		2	1	2	4	1			1	6			1	182	total

Workers' number of workplace of fatal and non-fatal accidents in general coal mining in 1999-2021

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	total	Workers scale
9 workers or less			3		2		1								1									7	9 workers or less
10-29	11	3	1	1	1				1	2			1		1				1	2				25	10-29
30-49		4	1					1						2	1					1				10	30-49
50-99	11	8	4		1		1					1			1									27	50-99
100-299	13	8	7																	3			1	32	100-299
300 workers or more	23	22	31			1	2					1				1								81	300 workers or more
total	58	45	47	1	4	1	4	1	1	2		2	1	2	4	1			1	6			1	182	total

Saga																									Saga	
Nagasaki		2																							2	Nagasaki
Kumamoto																										Kumamoto
Oita																										Oita
Miyazaki																										Miyazaki
Kagoshima																										Kagoshima
Okinawa																										Okinawa
total		2																							2	total

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html