

Fatal and non-fatal accidents in other mining in Japan in 1999-2022

other mining industry Code No.0203

Type of accidents in other mining in 1999-2022

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	2022	total
fall from height	5	10	8	3	4	4	11	7		3	1	3	2	2	3	3	2	6	1	5	2	1	2	6	94
falling to same level	2	2	4	1	5	5	3	3	3	1	2	3	1	1	3	1	3	3	5	3	5	3	2	3	67
crash	1	2	1	1	1	1	1	1				1	1		1		1				1	2			16
struck by flying or falling object	6	6	1	2	2	2		6	1	3	2	1	1	1				1	1		3		2		41
collapse		1	1		2		1		1	1		1		1			1	1			1	2			14
crashed by	3	1	3	1	1	1	1	1			1	1	2			1			1	1					19
caught in/between	8	8	6	2	4	10	5	4	9	7	3	2	2	2	6	2	2	1	2	2	3	1	4	3	98
cut	1				1	1		1			1			1	2					1					9
injury to the sole of the foot																									
drown						1																			1
contact to high/low-	2	1	2	1	2	2	1	1		1							1		1						15

temperature																										
contact to harmful substance										1								1	1					3		
electric shock																										
explosion					2							1												3		
burst																						1		1		
fire					5																			5		
traffic accident (public road)		1	1	2		1	1				1	1			1		2	1		1				13		
traffic accident (others)																										
reaction to motion/improper motion	1	3	6	1	1	1	1		1	1		1	1	3	2			2		2	2	2	1	2	1	33
others				1																					1	
unclassifiable		1																							1	
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	13	434	

Causal agents (large) of fatal and non-fatal accidents in other 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	7	5	6	1	5	4	8	3	4	2	1	3	2	2	6	3	1	3	4	1	1	1	1	2	76





other equipments, facilities	1	1			7		1	3							2			1			1				17
temporary buildings, establishments	3	6	7	1	4	6	4	3	2	2	2	6	2	3	2	3	4	3	4	4	5	4	1	3	84
hazards, harmful substances					1					1									1	1					4
materials	6	5	3	2	1	1	1	3	3	2	2			1				3	1	1	4	1	1	1	42
load			1			2	1	1		2	2		2				1				1				13
natural environment	1	5	2	2	4	2		2	1	2	1	2		1	1		1			2		1		2	32
other causal agent	1		2	1																					4
no causal agent			1											2	1			1		2	1	1	3	1	13
unclassifiable		1																							1
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	13	434

Causal agents (small) of fatal and non-fatal accidents in other mining in 1999-2022

Causal (S) 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	
engine								1																		1
power transmission mechanism			1										1		1	1				1						5













hauling equipment						1																	1		
human power machine									1														1		
hand tool			2		1			2			1				1								7		
ladder			1		1		3			1					1		1				1	1	11		
slinging tool					1														1				2		
other tools								1	1									1				3	6		
other equipment, facilities					7		1	3						2			1			1			15		
scaffolding										1													1		
timbering																									
stairs, landing stage			2				2	1		1	1	1		1		1	1					1	13		
opening			1					1															2		
roof, beam, haze, crossbeam, principal rafter																					1		1	2	
working platform, boot board			2		1					1							1	2	2		2		11		
passage			1		2		1	1			1	2	1	1	1		1	1	1	1	3	1	1	1	21
building, establishment			1		1		1			1		2	1	1	1	1	2	1		1	1			15	



water																									
abnormal environment																									
high/cold temperature environment			1													1									2
other environments					1				1					1					1						4
other causal agent			2																						2
no causal agent			1											2	1			1		2	1	1	3	1	13
unclassifiable																									
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	13	434

Workers age of fatal and non-fatal accidents in other 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			2	1		1		1															6
20-29	5	1	3	1	5	3	3	1	4	2			1	1	1	1		1	1	1	2	1	1	1	40
30-39	9	6	6	4	2	2	4	3	1	3	2	3	1	1	6	1	4	3	2		3	2	2	1	71
40-49	2	9	7	4	3	12	7	6	4	4	4	3	4	4	5	2	3	1	2	5	3	2	2	3	101
50-59	12	13	11	6	13	9	6	9	3	2	5	5	2	3	4	1	3	3	3	3	6	3	6	1	132
60 years old or	1	6	6		5	2	5	4	3	6		4	2	2	2	2	2	7	4	7	3	2	2	7	84

more																									
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	13	434

Workers' number of workplace of fatal and non-fatal accidents in other 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	10	14	9	3	4	3	7	4	7	4	5	3	2	4	3	3	3	6	2	4	3	1	4	5	113
10-29	8	10	13	5	17	12	10	16	6	6	5	3	3	5	10	2	2	4	6	7	5	3	4	3	165
30-49	4	3	3	2	4	3	7	2		4		2	2		3	1	5	2		3	2	3	3	2	60
50-99	2	2	2			5	1	1		2		3	2	1	1		2	3	3	2	7	1	1	2	43
100-299	2	4	4	5	5	6		1		1	1	3	1		1							1	1	1	37
300 workers or more	3	3	2						2	1		1		1		1			1			1			16
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	13	434

Month of fatal and non-fatal accidents in other 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		2	2	2	1	6	4	3	4	2		2		1	4		1	2		1	2	1		1	41
February	3	4	1	2	2	1		6			2	1	2	1	3	1				1	1	2		1	34
March	3	1	3	3			5	3	1	1		3	1		1	2		1		1	4		1	1	35
April	1	2	4	1	4	3	2	3		1	2	1		1		1		4	1		1				32







Nara																									
Wakayama																									
Tottori																									
Shimane																									
Okayama	1	1			1			1					1		1	1	1							8	
Hiroshima			2						1							1						1	2	7	
Yamaguchi					1								1	1		1								4	
Tokushima		1	1					1								1	1							5	
Kagawa																							1	1	
Ehime																									
Kochi	2		1		1					1	1	1					1					1	1	1	11
Fukuoka			1								1													1	3
Saga								1												1					2
Nagasaki										1															1
Kumamoto	1	1	1				1											2			1			1	8
Oita	1	3	1				1		1									1				1			9
Miyazaki		1	3		1		1	1										1			1			1	10
Kagoshima					1							2						1							4
Okinawa			1					1	2			1													5
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	13	434





unclassifiable																								
total		3	1		4	2		1	2	1		1	1					1						17

Causal agents (large) of fatal accidents in other 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			1						1																2
crane, conveying machine						1		1				1													3
other equipment		1			4																				5
temporary buildings, establishments													1												1
substance, material									1	1								1							3
load																									
environment		2				1																			3
others																									
total		3	1		4	2		1	2	1		1	1					1							17

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























19 years old or less							1																1
20-29				1	1			1															3
30-39		1															1						2
40-49			1		1				1			1											4
50-59		2			2	1																	5
60 years old or more									1				1										2
total		3	1		4	2		1	2	1		1	1										17

Workers' number of workplace of fatal accidents in other 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						1							2
10-29		1			3			1	1	1															7
30-49			1		1																				2
50-99									1				1												2
100-299		2				2																			4
300 workers or more																									
total		3	1		4	2		1	2	1		1	1					1							17









