

Fatal and non-fatal accidents in other mining in Japan in 1999-2021

other mining industry Code No.0203

Type of accidents in other 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	5	10	8	3	4	4	11	7		3	1	3	2	2	3	3	2	6	1	5	2	1	2	88	fall from height	
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	64	falling to same level	
crash	1	2	1	1	1	1	1	1				1	1		1		1				1	2		16	crash	
struck by flying or falling object	6	6	1	2	2	2		6	1	3	2	1	1	1				1	1		3		2	41	struck by flying or falling object	
collapse		1	1		2		1		1	1		1		1			1	1			1	2		14	collapse	
crashed by	3	1	3	1	1	1	1	1			1	1	2			1			1	1				19	crashed by	
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	95	caught in/between	
cut	1				1	1		1			1			1	2					1					9	cut
injury to the sole of the foot																										injury to the sole of the foot
drown						1																		1	drown	
contact to high/low-temperature	2	1	2	1	2	2	1	1		1							1		1					15	contact to high/low-temperature	

engine							1															1	engine	
power transmission mechanism			1									1		1	1							5	power transmission mechanism	
circular sawing machine					1																	1	circular sawing machine	
band sawing machine																							band sawing machine	
wood planer machine																							wood planer machine	
hollow chisel mortiser, wood borer																							hollow chisel mortiser, wood borer	
chamfering machine, router, woodworking milling machine																							chamfering machine, router, woodworking milling machine	
chain saw																							chain saw	
other woodworking machines																							other woodworking machines	
leveling, transporting or loading machine							4	1	1			2			1							10	leveling, transporting or loading machine	
excavating machine			2		2				1								1	1				1	8	excavating machine
foundation work machine			1				1															2	foundation work machine	

machine																								machine
food manufacturing machine																								food manufacturing machine
printing machine																								printing machine
industrial robot																								industrial robot
other general power machines			1		1		1		1	1		1		1	1		1						10	other general power machines
felling machine																								felling machine
mobile logging machine																								mobile logging machine
skyline yarding machine																								skyline yarding machine
other mobile silviculture machine																								other mobile silviculture machine
crane											1	1										1	3	crane
mobile crane								1								1							2	mobile crane
derrick crane																								derrick crane
elevator, lift																								elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging																								lumberyard equipment, logging

gas welding equipment																								gas welding equipment	
arc welding equipment																								arc welding equipment	
other welding equipment																								other welding equipment	
kiln, caldron																								kiln, caldron	
industrial dryer																								industrial dryer	
other kiln, caldron																								other kiln, caldron	
transmission																								transmission	
electric power facilities														1									1	electric power facilities	
other electrical equipment																								other electrical equipment	
human power cranes																								human power cranes	
human power hauling equipment							1																1	human power hauling equipment	
human power machine									1															1	human power machine
hand tool			2		1			2			1				1									7	hand tool
ladder			1		1		3			1					1		1				1		1	10	ladder
slinging tool					1																	1		2	slinging tool
other tools								1	1										1				3	6	other tools

harmful substances									1									1				2	harmful substances		
metal material			1				1	2	1	2			1				1			2		1	12	metal material	
lumber, bamboo								1															1	lumber, bamboo	
stone, sand, substance			1				1	1		1							2	1		2	1		10	stone, sand, substance	
other materials			1		1		1												1				4	other materials	
load			1			1			2	1		2				1				1			9	load	
machine/equipment as load							1			1													2	machine/equipment as load	
natural ground, rock			1		3		1		1	1	1			1							1		10	natural ground, rock	
standing tree							1		1		1									1			4	standing tree	
water																								water	
abnormal environment																								abnormal environment	
high/cold temperature environment			1													1							2	high/cold temperature environment	
other environments					1			1					1						1				4	other environments	
other causal agent			2																				2	other causal agent	
no causal agent			1										2	1			1		2	1	1	3	12	no causal agent	
unclassifiable																								unclassifiable	
total			33		30		25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	312	total

Workers age of fatal and non-fatal accidents in other 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			2	1		1		1														6	19 years old or less
20-29	5	1	3	1	5	3	3	1	4	2			1	1	1	1		1	1	1	2	1	1	39	20-29
30-39	9	6	6	4	2	2	4	3	1	3	2	3	1	1	6	1	4	3	2		3	2	2	70	30-39
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	98	40-49
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	131	50-59
60 years old or more	1	6	6		5	2	5	4	3	6		4	2	2	2	2	2	7	4	7	3	2	2	77	60 years old or 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	421	total

Workers' number of workplace of fatal and non-fatal accidents in other 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	10	14	9	3	4	3	7	4	7	4	5	3	2	4	3	3	3	6	2	4	3	1	4	108	9 workers or less
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	162	10-29
30-49	4	3	3	2	4	3	7	2		4		2	2		3	1	5	2		3	2	3	3	58	30-49
50-99	2	2	2			5	1	1		2		3	2	1	1		2	3	3	2	7	1	1	41	50-99
100-299	2	4	4	5	5	6		1		1	1	3	1		1							1	1	36	100-299
300 workers or more	3	3	2						2	1		1		1		1			1				1	16	300 workers or 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	421	total

Month of fatal and non-fatal accidents in other mining in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January		2	2	2	1	6	4	3	4	2		2		1	4		1	2		1	2	1		40	January
February	3	4	1	2	2	1		6			2	1	2	1	3	1				1	1	2		33	February
March	3	1	3	3			5	3	1	1		3	1		1	2		1		1	4		1	34	March
April	1	2	4	1	4	3	2	3		1	2	1		1		1		4	1		1			32	April
May	3	2	1		7	4	1	1	4	4	2	1		3	1	1	1	1		2	1		1	41	May
June	2	4	4	1	1		2	2				1					2	2	1	1	1			24	June
July	5	2	4		7	1	1				1	1	1	1	2			1				2	2	31	July
August	6	4	4			1	3			1	2	2	1				2		1	2	1	1	2	33	August
September	2	3			4	5	2			2	1	1	3		1	1	2		1	3	1	1	2	35	September
October	1	5	4	2		2	3	2	1	2				2	4		2			2	1	2	1	36	October
November	1	4	2	3	3	6	1	1	1	3			1		1		1	3	3	1	3		3	41	November
December	2	3	4	1	1		1	3	4	2	1	2	1	2	1	1	1	1	5	2	1	1	1	41	December
total	29	36	33	15	30	29	25	24	15	18	11	15	10	11	18	7	12	15	12	16	17	10	13	421	total

Prefecture of fatal and non-fatal accidents in other mining in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	2	5	7		6		4		1		3	3		1	1								1	34	Hokkaido
Aomori			1					2			1			1						1		1	1	8	Aomori

Iwate	2	1			1					2					2							8	Iwate		
Miyagi												1				1		1			1	4	Miyagi		
Akita			1					1														2	Akita		
Yamagata	1	1				1					1		1					1				6	Yamagata		
Fukushima	4	1							1			1						2	1	1		11	Fukushima		
Ibaraki										1			2		1							4	Ibaraki		
Tochigi	1				2		1	8	1	3			2		2	1	1	1			4	1	1	29	Tochigi
Gunma			2		3			1	1													7	Gunma		
Saitama		2	4		1				1	1					1		1	4	6	5		1	27	Saitama	
Chiba		1					3				1		1	1			2				1	1	1	12	Chiba
Tokyo	1	1															1				1		1	5	Tokyo
Kanagawa																									Kanagawa
Niigata	1		1		5				1	2		1			3	1			1				16	Niigata	
Toyama	3	2	1				1		1		1							1				1	11	Toyama	
Ishikawa			1				1															1	3	Ishikawa	
Fukui		1								2					1								4	Fukui	
Yamanashi																									Yamanashi
Nagano		1					2			1			1		1	1		1	2	2			1	13	Nagano
Gifu	6	4	1		3		2	2	2	2		2		2	1	1	2	1	1			1	33	Gifu	
Shizuoka		2							1	2									1				6	Shizuoka	
Aichi		2	1		2		1	1				3	2	2	1				1	1	1	2	20	Aichi	
Mie		2	1				1	3						1	1						1	1	11	Mie	
Shiga	2	1			1							1			1			2		1			1	10	Shiga

mobile crane																								mobile crane
derrick crane																								derrick crane
elevator, lift																								elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway
simple skyline yarding equipment																								simple skyline yarding equipment
other powered crane																								other powered crane
truck											1												1	truck
forklift																								forklift
railway equipment																								railway equipment
conveyor							1																1	conveyor
loader																								loader
straddle carrier																								straddle carrier
rough terrain hauler																								rough terrain hauler
other powered conveying machines																								other powered conveying machines
cars, bus, motorcycle						1																	1	cars, bus, motorcycle

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

9 workers or less											1													2	9 workers or less	
10-29		1			3			1	1	1															7	10-29
30-49			1		1																				2	30-49
50-99									1				1												2	50-99
100-299		2				2																			4	100-299
300 workers or more																										300 workers or more
total		3	1		4	2		1	2	1		1	1												17	total

Month of fatal accidents in other mining in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month	
January												1													1	January
February						1																			1	February
March																										March
April			1																						1	April
May					3				1																4	May
June		1								1															2	June
July					1																				1	July
August																										August
September		1																							1	September
October		1				1		1	1																4	October
November													1					1							2	November

Saga																								Saga	
Nagasaki																									Nagasaki
Kumamoto																									Kumamoto
Oita																									Oita
Miyazaki																									Miyazaki
Kagoshima																									Kagoshima
Okinawa																									Okinawa
total		3	1		4	2		1	2	1		1	1						1					17	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