

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

petroleum mining industry Code No.020302

Type of accidents in petroleum 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	1		1				1								1									4	fall from height
falling to same level	1										1				2			1						5	falling to same level
crash																									crash
struck by flying or falling object																									struck by flying or falling object
collapse														1										1	collapse
crashed by																									crashed by
caught in/between		1							2	1		1	1											6	caught in/between
cut																									cut
injury to the sole of the foot																									injury to the sole of the foot
drown																									drown
contact to high/low-temperature										1														1	contact to high/low-temperature

contact to harmful substance																									contact to harmful substance
electric shock																									electric shock
explosion																									explosion
burst																							1	1	burst
fire																									fire
traffic accident (public road)				1																				1	traffic accident (public road)
traffic accident (others)																									traffic accident (others)
reaction to motion/improper motion												1												1	reaction to motion/improper motion
others																									others
unclassifiable																									unclassifiable
total	2	1	1	1			1		2	2	1	2	1	1	3			1					1	20	total

Causal agents (large) of fatal and non-fatal accidents in petroleum mining in 1999-2021

[illegible]

machine				1										1									2	conveying machine	
other equipment		1					1			1												1	4	other equipment	
temporary buildings, establishments	2		1								1	2		1			1						8	temporary buildings, establishments	
substance, material									1	1				1									3	substance, material	
load																								load	
environment																								environment	
others																								others	
total	2	1	1	1			1		2	2	1	2	1	1	3			1					1	20	total

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

[illegible]

[illegible]

tools							1																1	2	tools
other equipments, facilities																									other equipments, facilities
temporary buildings, establishments	2		1								1	2			1			1						8	temporary buildings, establishments
hazards, harmful substances										1														1	hazards, harmful substances
materials									1					1										2	materials
load																									load
natural environment																									natural environment
other causal agent																									other causal agent
no causal agent																									no causal agent
unclassifiable																									unclassifiable
total	2	1	1	1			1		2	2	1	2	1	1	3			1					1	20	total

Causal agents (small) of fatal and non-fatal accidents in petroleum mining in 1999-2021

[illegible]

engine																									engine
power transmission mechanism												1												1	power transmission mechanism
circular sawing machine																									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																									leveling, transporting or loading machine
excavating machine																									excavating machine
foundation work machine																									foundation work machine

[illegible]

machine																										machine
food manufacturing machine																										food manufacturing machine
printing machine																										printing machine
industrial robot																										industrial robot
other general power machines									1																1	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																										crane
mobile crane																										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																										electric power facilities
other electrical equipment																										other electrical equipment
human power cranes																										human power cranes
human power hauling equipment																										human power hauling equipment
human power machine										1															1	human power machine
hand tool																										hand tool
ladder							1																		1	ladder
slinging tool																										slinging tool
other tools																								1	1	other tools

[illegible]

harmful substances									1														1	harmful substances
metal material								1				1											2	metal material
lumber, bamboo																								lumber, bamboo
stone, sand, substance																								stone, sand, substance
other materials																								other materials
load																								load
machine/equipment as load																								machine/equipment as load
natural ground, rock																								natural ground, rock
standing tree																								standing tree
water																								water
abnormal environment																								abnormal environment
high/cold temperature environment																								high/cold temperature environment
other environments																								other environments
other causal agent																								other causal agent
no causal agent																								no causal agent
unclassifiable																								unclassifiable
total			1			1		2	2	1	2	1	1	3			1					1	16	total

Workers age of fatal and non-fatal accidents in petroleum 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	19 years old or less
20-29		1							1	1			1											4	20-29
30-39	1										1	1			2			1					1	7	30-39
40-49												1												1	40-49
50-59	1			1			1		1						1									5	50-59
60 years old or more			1											1										2	60 years old or more
total	2	1	1	1			1		2	2	1	2	1	1	3			1					1	20	total

Workers' number of workplace of fatal and non-fatal accidents in petroleum 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																		1						1	9 workers or less
10-29									2	1		1		1	2									7	10-29
30-49	1		1	1			1																	4	30-49
50-99										1					1									2	50-99
100-299	1	1									1	1	1										1	6	100-299
300 workers or more																									300 workers or more
total	2	1	1	1			1		2	2	1	2	1	1	3			1					1	20	total

Month of fatal and non-fatal accidents in petroleum 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						1									3	January
February	1														1									2	February
March																									March
April												1												1	April
May										1				1										2	May
June		1										1												2	June
July	1						1				1		1					1						5	July
August																									August
September																							1	1	September
October																									October
November										1					1									2	November
December				1					1															2	December
total	2	1	1	1			1		2	2	1	2	1	1	3			1					1	20	total

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

[illegible]

[illegible]

[illegible]

total	2	1	1					1		2	2	1	2	1	1	3			1						1	19	total
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Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

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

Fatal accidents in petroleum mining in Japan in 1999-2021

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Type of fatal accidents in petroleum mining in 1999-2021

[illegible]

[illegible]

[illegible]

Causal agents (large) of fatal accidents in petroleum mining in 1999-2021

[illegible]

Causal agents (middle) of fatal accidents in petroleum mining in 1999-2021

[illegible]

[illegible]

[illegible]

Causal agents (small) of fatal accidents in petroleum mining in 1999-2021

[illegible]

[illegible]

[illegible]

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																										truck
forklift																										forklift
railway equipment																										railway equipment
conveyor																										conveyor
loader																										loader
straddle carrier																										straddle carrier
rough terrain hauler																										rough terrain hauler
other powered conveying machines																										other powered conveying machines
cars, bus, motorcycle																										cars, bus, motorcycle

human power hauling equipment																									human power hauling equipment
human power machine																									human power machine
hand tool																									hand tool
ladder																									ladder
slinging tool																									slinging tool
other tools																									other tools
other equipment, facilities																									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																									building, establishment
other temporary buildings,																									other temporary buildings,

[illegible]

[illegible]

Workers age of fatal accidents in petroleum mining in 1999-2021

[illegible]

Workers' number of workplace of fatal accidents in petroleum mining in 1999-2021

[illegible]

[illegible]

Month of fatal accidents in petroleum mining in 1999-2021

[illegible]

[illegible]

Prefecture of fatal accidents in petroleum mining in 1999-2021

[illegible]

[illegible]

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

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

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