leather products industry Code No.010807

Type of accidents in leather products 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	9	10	8	10	4	11	10	4	4	4	4	2	9	6	6	2	1	2	7	7	2	4	3	129	fall from height
falling to same level	21	11	13	10	12	19	11	13	12	16	11	7	4	7	9	9	9	4	10	5	6	7	5	231	falling to same level
crash	9	3	2	6	3	2	4	1	1	3	3	1		2	1	4		2	2	3	2	1	1	56	crash
struck by flying or falling object	6	3	3	1	7	1	2	2		5	2		2		2		1			2	3	1	3	46	struck by flying or falling object
collapse		3	1		1	1	1				1				1									9	collapse
crashed by	6	2	1	5	1	2	3	3		1	1		2	1	3	2	2	1	1		1			38	crashed by
caught in/between	45	39	42	34	37	28	27	30	30	27	14	17	15	22	22	18	15	20	13	15	15	10	12	547	caught in/between
cut	16	13	9	15	12	13	8	10	2	5	6	5	2	5	6	4	7	2	3	3	7	4	1	158	cut
injury to the sole of the foot																									injury to the sole of the foot
drown			1																					1	drown
contact to high/low- temperature	4		5			2	2	1	2		2		1	1	1	1					3			25	contact to high/low- temperature

contact to harmful substance	1	1	2		1			1	2	1	1				1			1	3	1		1		17	contact to harmful substance
electric shock		1																					1	2	electric shock
explosion			1																					1	explosion
burst																									burst
fire		1						1									1							3	fire
traffic accident (public road)		5	1		2	2	2		1				3	1						3				20	traffic accident (public road)
traffic accident (others)										1														1	traffic accident (others)
reaction to motion/improper motion	15	12	10	7	16	4	3	8	3	4	3	8	5	3	2	3	3	5	1		3	4	1	123	reaction to motion/improper motion
others	2	1	1	1						1													1	7	others
unclassifiable									1															1	unclassifiable
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,415	total

Causal agents (large) of fatal and non-fatal accidents in leather products in 1999-2021

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	total	Causal (L)
																									agents
machine	54	47	48	38	45	35	28	33	24	29	21	19	18	23	25	24	22	20	12	16	19	14	14	628	machine
crane, conveying																									crane,

machine	9	13	9	5	6	6	7	3	7	5	1	3	5	6	2	1	2	2	6	6	3	2		109	conveying
																									machine
other equipment	20	13	15	18	7	19	14	16	8	11	8	3	6	6	9	4	5	4	6	7	7	2	8	216	other
													Ŭ			ľ							Ŭ	210	equipment
tomporon, buildings																									temporary
temporary buildings, establishments	22	17	13	15	14	15	15	12	12	10	9	8	9	5	7	10	5	5	7	6	7	9	3	235	buildings,
																									establishments
substance material	9	4	4	5	7	3		6	3	3	6	2			3	1		1	6					72	substance,
substance, material	9	4	4	5	/	S		0	5	5	0	Z		2	S		2		0		3				material
load	12	4	6	5	7	4	2	2	2	3	1	1	3	3	1	1	1	1		1		2		62	load
environment	2		1				2			1					3	1	1		2	1	1			15	environment
others	6	7	4	3	10	3	5	2	2	6	2	4	1	3	4	1	1	4	1	1	2	3	3	78	others
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,415	total

Causal agents (middle) of fatal and non-fatal accidents in leather products 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		1																						1	engine
power transmission mechanism	2	2	2	1	1			2	1	1		1			2								1		power transmission mechanism
woodworking machine	1			1				2			2											1		7	woodworking machine

construction machine																									construction machine
metal manufacturing machine	11	3	4	2	3	3	2	2		1	3		2	3	2	2	3	1		3	2			52	metal manufacturing machine
general machine	40	41	42	34	41	32	26	27	23	27	16	18	16	20	21	22	19	19	12	13	17	13	13	552	general machine
mobile silviculture machine																									mobile silviculture machine
crane	3	2	3		1	2	1		1	1								1		1				16	crane
conveying machine	5	6	3	5	3	2	4	3	6	3	1	3	2	6	2		2	1	5	2	3	2		69	conveying machine
vehicle	1	5	3		2	2	2			1			3			1			1	3				24	vehicle
pressure vessel							1				1													2	pressure vessel
chemical facilities	1																							1	chemical facilities
welding equipment																									welding equipment
kiln, caldron	2	2	1	2	1		1							1							1			11	kiln, caldron
electric equipment																							1	1	electric equipment
human power machine, tools	8	6	6	10	3	9	6	7	3	4	2	1	2	3	4	2	1	2	2	2	2	1	2	88	human power machine, tools

tools	5	4	5	4	1	7	5	6	1	4	4	1	2	1	4	2	4	2	4	5	2	1	5	79	tools
other equipments, facilities	4	1	3	2	2	3	1	3	4	3	1	1	2	1	1						2			34	other equipments, facilities
temporary buildings, establishments	22	17	13	15	14	15	15	12	12	10	9	8	9	5	7	10	5	5	7	6	7	9	3	235	temporary buildings, establishments
hazards, harmful substances	3	1	2		1			2	3	2	2			1	2		1	1	2	1	1			25	hazards, harmful substances
materials	6	3	2	5	6	3		4		1	4	2	1	1	1	1	1		4		2			47	materials
load	12	4	6	5	7	4	2	2	2	3	1	1	3	3	1	1	1	1		1		2		62	load
natural environment	2		1				2			1					3	1	1		2	1	1			15	natural environment
other causal agent	2	2	1		3		2							1	2		1	2					1	17	other causal agent
no causal agent	4	5	3	3	7	3	3	2	2	5	2	4	1	2	2	1		2	1	1	2	3	2	60	no causal agent
unclassifiable										1														1	unclassifiable
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,415	total

Causal agents (small) of fatal and non-fatal accidents in leather products in 1999-2021

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	total	Causal (S) agents

engine																		engine
power transmission mechanism		2	1		2	1	1		1		2					1	11	power transmission mechanism
circular sawing machine					2			2									4	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															1		1	other woodworking machines
leveling, transporting or loading machine																		leveling, transporting or loading machine
excavating machine																		excavating machine
foundation work machine																		foundation work machine

nardening machine																					hardening machine
demolition machine																					demolition machine
vehicle for high lift work																					vehicle for high lift work
other construction machines																					other construction machines
lathe																					lathe
drill press, milling machine								1												1	drill press, milling machine
grinding machine, buffing machine		1	1		1						1			1	1		1			7	grinding machine, buffing machine
power press		2	1	1				1		2	1	1	1	1			2	2		15	power press
forging pressure hammer																					forging pressure hammer
shearing machine		1	1	1	1		1	1				1		1						8	shearing machine
other metal manufacturing machines											1		1							2	other metal manufacturing machines
centrifugal machine			1																	1	centrifugal machine
mixer, grinder					1					1			1			1			1	5	mixer, grinder
roll machine (except printingroll machine)		7	8	4	3	4	4	2	7	2	3	2	4	6	4	3	3	2	2	70	roll machine (except printingroll machine)
injection molding																					injection molding

machine		1		1	1							1								1	5	machine
food manufacturing machine																						food manufacturing machine
printing machine											1						1				2	printing machine
industrial robot																						industrial robot
other general power machines		34	32	21	22	19	23	14	11	13	16	18	17	13	15	8	9	15	13	9	322	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	crane
mobile crane																						mobile crane
derrick crane																						derrick crane
elevator, lift		3		1		1	1								1		1				8	elevator, lift
cargo lifting appliance																						cargo lifting appliance
gondola																						gondola
lumberyard																						lumberyard
equipment, logging																						equipment, logging
cableway																						cableway

imple skyline varding equipment																					simple skyline yarding equipment
other powered																					other powered crane
truck					1	1			1		3					1	2			9	truck
forklift		2	3	2	2	3	3		1	2	2	1		1	1	4		3	2	32	forklift
railway equipment																					railway equipment
conveyor		1		2		2			1		1	1								8	conveyor
loader																					loader
straddle carrier																					straddle carrier
rough terrain hauler																					rough terrain hauler
other powered conveying machines								1						1						2	other powered conveying machines
cars, bus, motorcycle		1	2	2			1			3			1			1	3			14	cars, bus, motorcycle
railway vehicle																					railway vehicle
other vehicles		2																		2	other vehicles
boiler				1																1	boiler
pressure vessel																					pressure vessel
other pressure vessels								1												1	other pressure vessels
chemical facilities																				1	chemical facilities
gas welding							1														gas welding

equipment																						equipment
arc welding equipment																						arc welding equipment
other welding equipment																						other welding equipment
kiln, caldron		1																			1	kiln, caldron
industrial dryer			1	1							1							1			4	industrial dryer
other kiln, caldron																						other kiln, caldron
transmission																						transmission
electric power facilities																						electric power facilities
other electrical equipment																				1	1	other electrical equipment
human power cranes		1																		1	2	human power cranes
human power hauling equipment		1		2	2	2	3	1		2	1	1	1		1	1				1	19	human power hauling equipment
human power machine												1		1		1	1				4	human power machine
hand tool		4	3	4	5	1	1	1	1		2	2	1		1		1	2	1		30	hand tool
ladder		1		1	2			2		1		2		1	2	4	3	1	1	1	22	ladder
slinging tool													1								1	slinging tool
other tools		4	1	4	4	1	4	2	1	1	1	2	1	3			2	1		4	36	other tools
other equipment,																						other equipment,

facilities		3	2	1	3	4	3	1	1	2	1	1						2			24	facilities
scaffolding																						scaffolding
timbering																						timbering
stairs, landing stage		3	4	4	1	3	3	1	3	3			2	1		3	1	2	2		36	stairs, landing stage
opening		1																			1	opening
roof, beam, haze, crossbeam, principal rafter											1										1	roof, beam, haze, crossbeam, principal rafter
working platform, boot board		2	4		3	1	3		1	4	2	3			1			1		2	27	working platform, boot board
passage		5	4	9	7	7	4	5	4	1	2	2	3	2	3	3	3	3	5	1	73	passage
building, establishment		1	1	1				3				2	2	1			2	1	2		16	building, establishment
other temporary buildings, establishments		1	1	1	1	1				1			3	1	1	1					12	other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance					1	1		1			1			1				1			6	inflammable substance
inflammable gas																						inflammable gas
harmful substance		2				2	2	1				1			1	2	1				12	harmful substance
radiation																						radiation
other hazards, harmful substances			1		1							1									3	other hazards, harmful substances

<u> </u>																						
metal material		1	2		1		1				1					1					7	metal material
lumber, bamboo																						lumber, bamboo
stone, sand,																						stone, sand,
substance																						substance
other materials		1	4		3			4	2	1		1	1	1		3		2			23	other materials
load		6	6	2	2	2	3		1	2	3	1	1		1		1		2		33	load
machine/equipment			1					1		1				1							4	machine/equipment
as load																						as load
natural ground,																						natural ground,
rock																						rock
standing tree																1					1	standing tree
water																						water
abnormal																						abnormal
environment																						environment
high/cold																						high/cold
temperature				1								1					1	1			4	temperature
environment																						environment
other environments		1		1			1					2	1	1		1					8	other environments
other causal agent		1	3	2							1	2		1	2					1	13	other causal agent
no causal agent		3	7	3	2	2	5	2	4	1	2	2	1		2	1	1	2	3	2	45	no causal agent
unclassifiable							1														1	unclassifiable
total		100	96	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,002	total

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	4	1	3	2		2	2	2		1		1			1			1	1				1	22	19 years old or less
20-29	12	10	10	9	15	10	9	12	11	12	10	5	7	7	9	3	5	4	5	5	1	5	2	178	20-29
30-39	18	11	11	14	18	10	9	15	8	12	11	4	5	10	5	12	5	13	7	6	10	3	6	223	30-39
40-49	35	25	14	24	14	9	10	11	13	12	9	8	7	10	11	5	8	6	7	12	12	6	5	273	40-49
50-59	46	40	26	23	25	28	22	18	14	17	9	8	7	14	13	10	7	7	5	6	11	10	7	373	50-59
60 years old or	19	18	36	17	24	26	21	16	12	14	9	14	17	7	15	13	14	6	15	10	8	8	7	346	60 years old or
more			50						<u> </u>																more
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,415	total

Workers' number of workplace of fatal and non-fatal accidents in leather products 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	49	39	42	35	49	34	28	34	22	16	22	12	17	20	19	15	15	6	17	13	14	9	7	534	9 workers or less
10-29	45	34	30	28	28	30	20	18	12	25	13	16	17	10	17	12	13	11	11	11	14	7	4	426	10-29
30-49	12	10	15	6	10	10	9	5	5	9	3	3	2	10	7	5	3	6	4	6	4	6	1	151	30-49
50-99	16	11	8	11	7	9	10	6	10	7	6	4	3	4	8	8	7	8	3	7	7	8	7	175	50-99
100-299	10	5	5	9	1	2	6	11	8	11	4	3	3	4	3	3	1	4	4	2	3	2	7	111	100-299
300 workers or	2	6			1				1			2	1					2	1				2	18	300 workers or
more									<u> </u>										<u> </u>						more
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,415	total

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	13	8	8	5	7	6	10	7	6	7	5	4	4	7	5	4	5	3	7	3	5	4	4	137	January
February	17	11	9	10	8	15	11	6	4	10	2	3	3	1	1	3	2	6	2		3	3	3	133	February
March	17	6	5	8	8	9	4	8	6	5	5	1	2	6	7	1	5		3	3	3	3	2	117	March
April	15	5	9	7	8	7	3	6	3	9	11	2	3	1	8	3	1	3	3	2	5	2	2	118	April
May	10	12	10	4	7	3	7	6	4	7	3	2	3	8	2	5	1	2	2	6	2	2	2	110	May
June	14	12	9	6	10	9	4	5	8	3	9	3	5	3	6	4	2	5	1	4	3	6	3	134	June
July	6	5	8	8	7	7	1	8	8	7	2	3	4	5	2	3	2	5	2	2	5	3	1	104	July
August	7	8	7	7	12	6	5	11	1	6	3	2	6	5	4	5	6	3	5	7	5	1	5	127	August
September	11	13	10	9	6	8	5	5	4	2	1	4	5	2	1	3	4	3	4	5	6	3	2	116	September
October	7	7	10	9	10	9	8	6	5	2	4	8		2	4	5	6	1	5	4	2	4	3	121	October
November	7	9	9	9	8	4	4	3	3	4	1	4	3	3	9	5	3	5	3	1			1	98	November
December	10	9	6	7	5	2	11	3	6	6	2	4	5	5	5	2	2	1	3	2	3	1		100	December
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,415	total

Prefecture of fatal and non-fatal accidents in leather products 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	1	4									1	2		2		1			1	1		1	16	Hokkaido
Aomori					1										1						1			3	Aomori
lwate	2	2	2		1		2	1	1	2			1	2	1	1	1	1		1	3	2	1	27	lwate
				$\neg \neg$																			$\neg \neg$		

Miyagi	1			1	1				1							1						5	Miyagi
Akita	3	2		1	1		1	1	1			3		1	1	1		1	1	1		19	Akita
Yamagata	1	2	2	2	3	5	1	3		4	1	2	6		1	7	1		2	1	2	46	Yamagata
Fukushima	4		3		1	3	2	1	2		1	1	3		2	1	2	1	1	1		29	Fukushima
Ibaraki	1		3					1		3	2	2			1							13	Ibaraki
Tochigi	1	2	1	2	1			2		1		1	1							3		15	Tochigi
Gunma																							Gunma
Saitama	5	3	2	3	2	3	3	4	1	2	1	2	4			1	4	2	1		1	44	Saitama
Chiba	2	1	1	1	1	3		2	2				2	2	3					1	2	23	Chiba
Tokyo	17	29	13	15	7	8	6	9	6	3	4	3	7	8	4	6	1	4	5		3	158	Tokyo
Kanagawa		1						1														2	Kanagawa
Niigata	1	1		3	2	5	2	2	1	1		1	1	2	1	2	1					26	Niigata
Toyama	1						1		1				1	2					1		1	8	Toyama
Ishikawa		1										1										2	Ishikawa
Fukui																							Fukui
Yamanashi		1																				1	Yamanashi
Nagano	1	4	2		4	2	5	4	2		2	3	3	2	1	2	1	1	2	3	2	46	Nagano
Gifu					1													1		1		3	Gifu
Shizuoka	3		3		1	2	3	2	1	2	3	2	1	2		1	1	3	1		2	33	Shizuoka
Aichi	2		1	1	1	1	1	2				1				1		1	2	1		15	Aichi
Mie				1																		1	Mie
Shiga			1																			1	Shiga
Kyoto			1						2										1			4	Kyoto

Osaka	6	8	7	1	4	7	2	4	4	2	1	4	3	1	4	1	3	5	1	2	2	72	Osaka
Нуодо	64	36	36	50	32	27	19	19	18	17	18	19	14	15	16	11	19	11	16	15	6	478	Hyogo
Nara	10	2	9	9	3	3	2	2		1	3		1	3	1		2	4	1	1	1	58	Nara
Wakayama	4	5	3	2	1	2	3		1	1			1								1	24	Wakayama
Tottori																							Tottori
Shimane			1			1																2	Shimane
Okayama		1					1	1	1									1				5	Okayama
Hiroshima	1	1	1								1										1	5	Hiroshima
Yamaguchi					1								1	1		1						4	Yamaguchi
Tokushima					1		1	3	2	2	1			1	1		2				1	15	Tokushima
Kagawa	1	1	1	2	1	1	1	2											1			11	Kagawa
Ehime																							Ehime
Kochi																							Kochi
Fukuoka	1	1	1				1		1								1					6	Fukuoka
Saga			1				2		1		2			2				1				9	Saga
Nagasaki																							Nagasaki
Kumamoto												1					1					2	Kumamoto
Oita																							Oita
Miyazaki					1																	1	Miyazaki
Kagoshima			1		1			1					1		1		1	1	1		1	9	Kagoshima
Okinawa																							Okinawa
total	134	105	100	96	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	1,241	total

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

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Fatal accidents in leather products in Japan in 1999-2021

leather products industry Code No.010807

Type of fatal accidents in leather products 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	fall from height
falling to same level																									falling to same
																									level
crash																									crash
struck by flying or																									struck by flying
falling object																									or falling object
collapse																									collapse
crashed by																									crashed by
cought in /hotwoon					1																			1	caught
caught in/between																									in/between
cut																									cut

njury to the sole of		İ			1	1										injury to the sole
he foot																of the foot
drown			1												1	drown
contact to high/low- temperature																contact to high/low- temperature
contact to harmful substance		1													1	contact to harmful substance
electric shock																electric shock
explosion																explosion
burst																burst
fire																fire
traffic accident (public road)																traffic accident (public road)
traffic accident (others)																traffic accident (others)
reaction to motion/improper motion																reaction to motion/improper motion
others	1														1	others
unclassifiable																unclassifiable
total	1	1	1	1	1										5	total

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	total	Causal (L) agents
machine					1																			1	machine
crane, conveying machine																									crane, conveying machine
other equipment			1			1																		2	other equipment
temporary buildings, establishments																									temporary buildings, establishments
substance, material		1																						1	substance, material
load																									load
environment																									environment
others	1																							1	others
total	1	1	1		1	1																		5	total

Causal agents (middle) of fatal accidents in leather products 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)
euusui (iii) ugenis				2002	2003	2001	2003	2000	2007	2000	2009	2010		2012	2013	2011		2010	2017	2010			2021		agents

engine														engine
power transmission mechanism														power transmission mechanism
woodworking machine														woodworking machine
construction machine														construction machine
metal manufacturing machine														metal manufacturing machine
general machine			1										1	general machine
mobile silviculture machine														mobile silviculture machine
crane														crane
conveying machine														conveying machine
vehicle														vehicle
pressure vessel														pressure vessel
chemical facilities														chemical facilities
welding equipment														welding equipment

<u></u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>		<u> </u>									
kiln, caldron																kiln, caldron
electric equipment																electric equipment
human power machine, tools																human power machine, tools
tools																tools
other equipments, facilities			1		1										2	other equipments, facilities
temporary buildings, establishments																temporary buildings, establishments
hazards, harmful substances		1													1	hazards, harmful substances
materials																materials
load																load
natural environment																natural environment
other causal agent	1														1	other causal agent
no causal agent																no causal agent
unclassifiable																unclassifiable

Causal agents (small) of fatal accidents in leather products in 1999-2021

total

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	total	Causal (S) agents
engine																									engine
power transmission mechanism																									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,													leveling,
transporting or													transporting or
loading machine													loading machine
excavating machine	2												excavating machine
foundation work machine													foundation work machine
hardening machine													hardening machine
demolition machine													demolition machine
vehicle for high lift work													vehicle for high lift work
other construction machines													other construction machines
lathe													lathe
drill press, milling machine													drill press, milling machine
grinding machine, buffing machine													grinding machine, buffing machine
power press													power press
forging pressure hammer													forging pressure hammer
shearing machine													shearing machine
other metal manufacturing machines													other metal manufacturing machines

centrifugal machine		1									1	centrifugal machine
mixer, grinder												mixer, grinder
roll machine (except printingroll machine)												roll machine (except printingroll machine)
injection molding machine												injection molding machine
food manufacturing machine												food manufacturing machine
printing machine												printing machine
industrial robot												industrial robot
other general power machines												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												cargo lifting
appliance												appliance
gondola												gondola
lumberyard												lumberyard
equipment, logging												equipment, loggir
cableway												cableway
simple skyline												simple skyline
yarding equipment												yarding equipmen
other powered												other powered
crane												crane
truck												truck
forklift												forklift
railway equipment												railway equipmen
conveyor												conveyor
loader												loader
straddle carrier												straddle carrier
rough terrain hauler												rough terrain haul
other powered												other powered
conveying machines												conveying machin
cars, bus,												cars, bus,
motorcycle												motorcycle
railway vehicle												railway vehicle
other vehicles												other vehicles
boiler												boiler

									i		i —	1	1	
pressure vessel														pressure vessel
other pressure														other pressure
vessels														vessels
chemical facilities														chemical facilities
gas welding														gas welding
equipment														equipment
arc welding														arc welding
equipment														equipment
other welding														other welding
equipment														equipment
kiln, caldron														kiln, caldron
industrial dryer														industrial dryer
other kiln, caldron														other kiln, caldron
transmission														transmission
electric power														electric power
facilities														facilities
other electrical														other electrical
equipment														equipment
human power														human power
cranes														cranes
human power														human power
hauling equipment														hauling equipment
human power														human power
machine														machine

hand tool														hand tool
ladder														ladder
slinging tool														slinging tool
other tools														other tools
other equipment, facilities		1		1									2	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, establishments														other temporary buildings, establishments
explosive substance														explosive substance
inflammable substance														inflammable substance

inflammable sag														inflammable gas
inflammable gas														
harmful substance		1											1	harmful substance
radiation														radiation
other hazards,														other hazards,
harmful substances														harmful substances
metal material														metal material
lumber, bamboo														lumber, bamboo
stone, sand,														stone, sand,
substance														substance
other materials														other materials
load														load
machine/equipment														machine/equipment
as load														as load
natural ground,														natural ground,
rock														rock
standing tree														standing tree
water														water
abnormal														abnormal
environment														environment
high/cold														high/cold
temperature														temperature
environment														environment
other environments														other environments
other causal agent	1												1	other causal agent

no causal agent															no causal agent
unclassifiable															unclassifiable
total	1	1	1	1	1									5	total

Workers age of fatal accidents in leather products 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																									19 years old or less
20-29																									20-29
30-39																									30-39
40-49																									40-49
50-59	1	1	1		1																			4	50-59
60 years old or						1																		1	60 years old or
more						•																			more
total	1	1	1		1	1																		5	total

Workers' number of workplace of fatal accidents in leather products 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																			2	9 workers or less
10-29						1																		1	10-29
30-49	1																							1	30-49
50-99		1																						1	50-99

100-299															100-299
300 workers or															300 workers or
more															more
total	1	1	1	1	1									5	total

Month of fatal accidents in leather products 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																									January
February																									February
March																									March
April					1	1																		2	April
May																									May
June		1																						1	June
July																									July
August	1																							1	August
September																									September
October			1																					1	October
November																									November
December																									December
total	1	1	1		1	1																		5	total

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																									Hokkaido
Aomori																									Aomori
lwate																									lwate
Miyagi																									Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushima
Ibaraki																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama						1																		1	Saitama
Chiba																									Chiba
Tokyo																									Tokyo
Kanagawa																									Kanagawa
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																									Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanashi
Nagano	- -	1																						1	Nagano
Gifu																									Gifu

Shizuoka													Shizuoka
Aichi													Aichi
Mie													Mie
Shiga													Shiga
Kyoto													Kyoto
Osaka													Osaka
Нуодо	1	1	1									3	Нуодо
Nara													Nara
Wakayama													Wakayama
Tottori													Tottori
Shimane													Shimane
Okayama													Okayama
Hiroshima													Hiroshima
Yamaguchi													Yamaguchi
Tokushima													Tokushima
Kagawa													Kagawa
Ehime													Ehime
Kochi													Kochi
Fukuoka													Fukuoka
Saga													Saga
Nagasaki													Nagasaki
Kumamoto													Kumamoto
Oita													Oita

Miyazaki															Miyazaki
Kagoshima															Kagoshima
Okinawa															Okinawa
total	1	1	1	1	1									5	total

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

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