

Fatal and non-fatal accidents in leather products in Japan in 1999-2021

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

machine			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 equipment, logging cableway																									lumberyard equipment, logging cableway

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	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			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	

metal material			1	2			1		1				1										7	metal material	
lumber, bamboo																									lumber, bamboo
stone, sand, substance																									stone, sand, 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 as load				1						1		1				1							4	machine/equipment as load	
natural ground, rock																									natural ground, rock
standing tree																		1					1	standing tree	
water																									water
abnormal environment																									abnormal environment
high/cold temperature environment						1								1						1	1			4	high/cold temperature 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	

Workers age of fatal and non-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	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 more	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
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 more	2	6			1				1			2	1					2	1				2	18	300 workers or 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 of fatal and non-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	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
Iwate	2	2	2		1		2	1	1	2			1	2	1	1	1	1		1	3	2	1	27	Iwate

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
Hyogo	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

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		other causal agent
no causal agent																								no causal agent
unclassifiable																								unclassifiable

pressure vessel																										pressure vessel
other pressure vessels																										other pressure vessels
chemical facilities																										chemical facilities
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																										human power 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 gas																							inflammable gas		
harmful substance	1																						1	harmful substance	
radiation																								radiation	
other hazards, harmful substances																								other hazards, harmful substances	
metal material																								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	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 more						1																			1	60 years old or 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 more																									300 workers or 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 of fatal accidents in leather products in 1999-2021

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

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

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