Fatal and non-fatal accidents in western tableware/cutting tool products in Japan in 1999-2021

western tableware/cutting tool products industry Code No.011201

Type of accidents in western tableware/cutting tool 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	5	2	4	9	6	5	7	4	4	3	3	3		2		2	1	2	3	3	2	2		72	fall from height
falling to same level	13	3	5	11	9	7	8	2	6	6	7	7	3	4	10	6	8	5	8	8	4	5	6	151	falling to same level
crash	3	5	5	2	3	3	2	4	1	1	1	4			2	2		1	3	2	3			47	crash
struck by flying or falling object	17	6	7	5	10	12	12	4	12	8	6	3	2	7	3	5	4	6	5	1	4	2	3	144	struck by flying or falling object
collapse	3	3	1	3	2	3	2	1	2	2	2	2					1		1	2	1			31	collapse
crashed by	2	2	3		1	1	4	2	3	6	1		3	2	1		1			2			1	35	crashed by
caught in/between	49	47	46	43	42	31	39	22	26	27	22	22	23	21	16	21	18	17	19	15	18	18	18	620	caught in/between
cut	13	13	20	14	13	9	5	15	7	14	3	9	13	3	11	7	9	6	7	6	10	9	5	221	cut
injury to the sole of the foot		1						1																2	injury to the sole of the foot
drown													2											2	drown
contact to high/low- temperature	1	2	1		2	3		1	1					2							2	1		16	contact to high/low- temperature

contact to harmful																									contact to
										2	1									1		1	1	6	harmful
substance																									substance
electric shock																2								2	electric shock
explosion												1												1	explosion
burst																									burst
fire																									fire
traffic accident (public						1	2					1			1	4						1		12	traffic accident
road)							2					I				4		2				I		12	(public road)
traffic accident																									traffic accident
(others)																									(others)
reaction to																									reaction to
motion/improper	3	8	9	7	4	6	4	4	7	4		4	4	2	4	4	1	2	2	5		3	3	90	motion/improper
motion																									motion
others		1							1		1						1				1			5	others
unclassifiable																									unclassifiable
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,457	total

Causal agents (large) of fatal and non-fatal accidents in western tableware/cutting tool products in 1999-2021

Causal (L) agents	1000	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)
Causai (L) agents		2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021		agents
machine	52	50	48	51	47	36	46	34	33	32	23	24	32	26	25	24	20	19	21	21	25	19	18	726	machine
crane, conveying																									crane,

machine	1	3	7	8	4	5	7	3	5	6	4	4	1	1	2	8	2	3	3	2	1	2	1	83	conveying
machine																									machine
athor aguinment	10	9	11	15	15	11	10	7	13	8	4	13	6	5	6	4	7	7	5	8		7	6	194	other
other equipment	10	9		13	13				13	0	4	13		5	6	4			5	0		/		194	equipment
tompount buildings																									temporary
temporary buildings, establishments	16	1	3	8	9	6	6	4	6	6	5	5	1	3	6	7	6	6	7	4	3	6	6	130	buildings,
establishments																									establishments
substance, material	21	17	19	7	12	17	12	8	10	14	10	6	4	5	4	9	5	3	6	1	7	5	3	205	substance,
substance, material	21	'			12																			203	material
load	8	5	5	3	3	3	3	3	2	1		3	4	1	2		1	3	3	2	1	2	2	60	load
environment													2	1					1	2				6	environment
others	1	8	8	2	2	3	1	1	1	6	1	1		1	3	1	3		2	5	1	1	1	53	others
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,457	total

Causal agents (middle) of fatal and non-fatal accidents in western tableware/cutting tool 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																			2	engine
power transmission mechanism	1	2					3			2	1			2	1			1		1		1	2	17	power transmission mechanism
woodworking machine	1	2	2			1	1	1		1			1	1							1	1	1	14	woodworking machine

construction machine																					1			1	construction machine
metal manufacturing machine	42	41	37	45	41	33	34	26	29	28	19	22	26	18	21	21	18	16	18	16	17	15	13	596	metal manufacturing machine
general machine	8	5	9	5	5	2	8	7	4	1	3	2	5	5	3	3	2	2	3	4	6	2	2	96	general machine
mobile silviculture machine																									mobile silviculture machine
crane		1	2	2	2	1	2		4	4	2		1	1	1	2			1		1	1	1	29	crane
conveying machine	1	2	4	6	1	3	4	2	1	2	2	2				2	2	1	2	2		1		40	conveying machine
vehicle			1		1	1	1	1				2			1	4		2						14	vehicle
pressure vessel					1	1												1						3	pressure vessel
chemical facilities																									chemical facilities
welding equipment	2	1	1	2	1	1	1		1			1			1				1				1	14	welding equipment
kiln, caldron		1			1																	1		3	kiln, caldron
electric equipment			1						1							1								3	electric equipment
human power machine, tools	7	6	5	7	6	2	4	3	3	1	2	5	4	2	3	1	4	4	1	4	4	3	2	83	human power machine, tools

tools	1	1	3	6	3	6	5	3	7	3		5	1	3	2	2	3	1	3	4	2	3	2	69	tools
other equipments,			1		3	1		1	1	4	2	2	1					1			1		1		other equipments, facilities
temporary buildings, establishments	16	1	3	8	9	6	6	4	6	6	5	5	1	3	6	7	6	6	7	4	3	6	6	130	temporary buildings, establishments
hazards, harmful substances	2	1				2		1		2	1	1		1						1	1	1	1	15	hazards, harmful substances
materials	19	16	19	7	12	15	12	7	10	12	9	5	4	4	4	9	5	3	6		6	4	2	190	materials
load	8	5	5	3	3	3	3	3	2	1		3	4	1	2		1	3	3	2	1	2	2	60	load
natural environment													2	1					1	2				6	natural environment
other causal agent		3	1		1		1				1						1			1	1			10	other causal
no causal agent	1	5	7	2	1	3		1	1	6		1		1	3	1	2		2	4		1	1	43	no causal agent
unclassifiable																									unclassifiable
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,457	total

Causal agents (small) of fatal and non-fatal accidents in western tableware/cutting tool 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			1														1	engine
power transmission mechanism				3		2	1		2	1		1	1		1	2	14	power transmission mechanism
circular sawing machine		2			1	1			1								5	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						1	1	1	5	other woodworking machines
leveling, transporting or loading machine																		leveling, transporting or loading machine
excavating machine																		excavating machine
foundation work																		foundation work

hardening machine																						hardening machine
demolition machine																						demolition machine
vehicle for high lift																		1			1	vehicle for high lift
work																						work
other construction																						other construction
machines																						machines
lathe	3	B	4	1	1		4		1					3					1		18	lathe
drill press, milling	5		6	4		,	3	1	,	,	,	1	4	1		1	1	2	2	1	44	drill press, milling
machine	)		6	4	2	3	3	ľ	2	2	2	I	4					2	3			machine
grinding machine,	1	4	11	11	7	14	8	6	10	14	5	11	4	3	8	6	6	8	4	5	155	grinding machine,
buffing machine		7	11															6			155	buffing machine
power press	6	<b>5</b>	14	10	10	7	5	10	8	7	8	4	8	9	4	5	4	6	4	4	133	power press
forging pressure				2	1													1			4	forging pressure
hammer																		I			<b>T</b>	hammer
shearing machine						1				1	1						1				4	shearing machine
other metal																						other metal
manufacturing	9	,	6	6	5	4	8	2	1	2	2	5	5	2	4	6	4		3	3	77	manufacturing
machines																						machines
centrifugal machine																						centrifugal machine
mixer, grinder																						mixer, grinder
roll machine (except																						roll machine (except
printingroll	2	2		2		1		1			2	1				1	2	1		2	15	printingroll
machine)																						machine)
injection molding																						injection molding

machine						1															1	machine
food manufacturing				1																	1	food manufacturing machine
printing machine																						printing machine
industrial robot					1																1	industrial robot
other general power machines		7	5	5	6	2	1	2	2	5	3	2	3	2	2	2	2	5	2		58	other general power machines
felling machine																						felling machine
mobile logging machine																						mobile logging machine
skyline yarding machine																						skyline yarding machine
other mobile																						other mobile
silviculture machine																						silviculture machine
crane		2	1	2		2	4	1			1	1	2			1			1	1	19	crane
mobile crane			1															1			2	mobile crane
derrick crane																						derrick crane
elevator, lift						1															1	elevator, lift
cargo lifting																						cargo lifting
appliance																						appliance
gondola																						gondola
lumberyard																						lumberyard
equipment, logging																						equipment, logging
cableway																						cableway

			<u> </u>	Ш		<u> </u>	<u> </u>		<u> </u>		<u> </u>			<u> </u>			<u> </u>						
simple skyline																							simple skyline
yarding equipment																							yarding equipment
other powered							1		1		1											3	other powered
crane																							crane
truck					1				1	2						1	1			1		7	truck
forklift		2	1		1	2		2	1					1	2		1	1				14	forklift
railway equipment																							railway equipment
conveyor		1			2		1							1				1				6	conveyor
loader																							loader
straddle carrier																							straddle carrier
rough terrain hauler																							rough terrain hauler
other powered																							other powered
conveying machines																						1	conveying machines
cars, bus,																							cars, bus,
motorcycle		1			1	1				2			1	4		2						13	motorcycle
railway vehicle																							railway vehicle
other vehicles																							other vehicles
boiler																							boiler
pressure vessel																							pressure vessel
other pressure			1													1						2	other pressure
vessels																						2	vessels
chemical facilities																							chemical facilities
gas welding																							gas welding

equipment																						equipment
arc welding equipment																						arc welding equipment
other welding		1	1	1		1			1			1				1				1	8	other welding
equipment																						equipment
kiln, caldron			1																1		2	kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron																						other kiln, caldron
transmission													1								1	transmission
electric power facilities		1				1															2	electric power
other electrical equipment																						other electrical equipment
human power cranes																						human power cranes
human power hauling equipment				2	1	1			2					1	1		1	1			10	human power hauling equipment
human power			1																		1	human power machine
hand tool		5	5	2	2	2	1	2	3	4	2	3	1	3	3	1	3	3	3	2	50	hand tool
ladder		1	3	3	1	1	2		3		1		1				2	1	1		20	ladder
slinging tool		1		1	1	1			1			2	1	1		1					10	slinging tool
other tools		1		1	1	5	1		1	1	2			2	1	2	2	1	2	2	25	other tools
other equipment,																						other equipment,

facilities		1	3		1	1	4	2	2	1					1			1		1	18	facilities
scaffolding											1										1	scaffolding
timbering																						timbering
stairs, landing stage			1		1	1	1	2	1				1		2	2					12	stairs, landing stage
opening																						opening
roof, beam, haze, crossbeam, principal rafter																						roof, beam, haze, crossbeam, principal rafter
working platform, boot board		2		2		1	4	1				1	1	3		2	2		1	1	21	working platform, boot board
passage			4	2		2		2	1	1	1	3	2	3	2		1	2	2	4	32	passage
building, establishment			2		2	1			1		1	2			1	1		1	1		13	building, establishment
other temporary buildings, establishments		1	2	2	1	1	1		2				3		1	2	1		2	1	20	other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance											1							1		1	3	inflammable substance
inflammable gas									1												1	inflammable gas
harmful substance																	1				1	harmful substance
radiation																						radiation
other hazards,					1		2	1											1		5	other hazards, harmful substances

		$\square$		$\vdash\vdash$		-		-			-					<u> </u>			_		1		
metal material		18	11		11	5	10	11	9	5	4	3	4	9	4	2	5		5	3	2	121	metal material
lumber, bamboo			1			2									1	1						5	lumber, bamboo
stone, sand,																							stone, sand,
substance																							substance
other materials		1			1			1				1					1		1	1		7	other materials
load		5	2		3	2	2	1		3	4	1	2		1	3	3	2	1	2	2	39	load
machine/equipment			1			1																	machine/equipment
as load																						2	as load
natural ground,																							natural ground,
rock																							rock
standing tree																							standing tree
water											2											2	water
abnormal																							abnormal
environment																							environment
high/cold																							high/cold
temperature												1										1	temperature
environment																							environment
other environments																	1	2				3	other environments
other causal agent		1	1		1				1						1			1	1			7	other causal agent
no causal agent		7	1			1	1	6		1		1	3	1	2		2	4		1	1	32	no causal agent
unclassifiable																							unclassifiable
total		101	92		85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,080	total

Workers age of fatal and non-fatal accidents in western tableware/cutting tool 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	3	1	1	4	3		1					2			1		1	1	1	1		1	25	19 years old or less
20-29	11	15	18	16	16	12	16	10	8	18	7	17	8	7	10	7	6	4	9	5	6	4	7	237	20-29
30-39	18	13	12	19	16	17	20	11	16	12	6	12	16	12	13	11	9	8	8	8	9	7	4	277	30-39
40-49	23	13	22	11	11	12	10	11	13	7	11	4	10	7	10	9	7	13	10	11	9	9	10	253	40-49
50-59	34	33	36	31	28	21	22	11	20	22	13	10	6	6	6	15	11	5	9	7	6	13	10	375	50-59
60 years old or	19	16	12	16	17	16	17	16	13	14	10	13	8	11	9	10	11	10	11	13	14	9	5	290	60 years old or
more										ļ														ll l	more
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,457	total

Workers' number of workplace of fatal and non-fatal accidents in western tableware/cutting tool 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	40	25	36	36	31	26	26	22	20	25	11	18	14	17	12	12	17	10	14	13	10	13	8	456	9 workers or less
10-29	38	33	32	21	28	22	32	23	26	18	14	15	15	12	13	15	8	9	14	8	16	12	9	433	10-29
30-49	20	18	15	17	13	14	8	7	14	10	10	9	4	5	10	10	5	6	11	9	7	9	7	238	30-49
50-99	9	12	8	9	11	14	15	8	3	13	7	11	14	7	8	12	11	11	6	6	9	5	9	218	50-99
100-299		4	6	10	5	5	3		5	6	4	3	3	2	3	3	2	5	2	9	2	3	2	87	100-299
300 workers or	2	1	4	1	4		1		2	1	1				2	1	1		1		1		2	25	300 workers or
more																									more
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,457	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	12	5	9	5	7	10	13	1	8	4	4	4	7	4	1	4	3	2	4	2	6	6	4	125	January
February	8	7	11	9	7	5	11	6	4	7	1	5	4	2	2	6	2	4	7	7	3	3	5	126	February
March	12	12	11	8	5	6	13	5	8	4	5	6	6	5	6	4	5	6	3	2	6	7	4	149	March
April	7	8	5	14	5	7	8	6	1	6	8	4	6	5	4	4	7	1	5	2	4	1	4	122	April
May	7	10	9	9	8	6	10	9	5	7	3	1	3	1	4	3	4	4	4	6	3	1		117	May
June	13	4	12	7	7	6	7	5	6	8	4	9	1	5	4	9	6	3	7	2	3	3	2	133	June
July	8	6	12	5	6	14	4	4	11	3	2	9	3	7	4	7	5	4	3	5	9	4	3	138	July
August	11	10	7	7	9	8	4	3	9	5	4	2	10	4	4	4	4	3	2	4		4	6	124	August
September	5	9	8	9	6	3	6	5	4	6	2	4			3	5	2	6		5	2	4	2	96	September
October	10	10	5	6	11	8	2	7	5	7	4	5	5	3	4		3	2	5	5	4	3	3	117	October
November	11	8	7	7	8	5	5	6	8	8	2	4	3	4	6	4	1	2	4	2	3	3	3	114	November
December	5	4	5	8	13	3	2	3	1	8	8	3	2	3	6	3	2	4	4	3	2	3	1	96	December
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,457	total

Prefecture of fatal and non-fatal accidents in western tableware/cutting tool 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	1	1	1		3				1						1	2	1	2	1					14	Hokkaido
Aomori																			1					1	Aomori
lwate							1												1					2	lwate

Miyagi			1	1	1		2	4		1	2			1		1		1	1	1		17	Miyagi
Akita																							Akita
Yamagata			1							2		1			1			1				6	Yamagata
Fukushima						1			1	1					1		2	1		1		8	Fukushima
Ibaraki		1	2			2		1			1		1					1	1			10	Ibaraki
Tochigi	1		1	3										1	1		1			1	1	10	Tochigi
Gunma	1		2	1			1	1	1			1	2						1		1	12	Gunma
Saitama		2	1	2	3		4	1		1							1	1				16	Saitama
Chiba	1	4	1	3	1	2	3		3	1			2	1	1	3	1		1	3	1	32	Chiba
Tokyo	4	4	3		7	1	1	2	2	2		1	1		1	2		2	2	1	2	38	Tokyo
Kanagawa	1				2	3				1										1		8	Kanagawa
Niigata	32	19	24	16	16	13	16	18	12	14	18	15	12	13	13	9	13	13	16	7	13	322	Niigata
Toyama	2	1	1	2					1			2			2							11	Toyama
Ishikawa						1	1															2	Ishikawa
Fukui	2		1	2				1													1	7	Fukui
Yamanashi	2	1		3								2							1	1		10	Yamanashi
Nagano					1	1		1							1			3				7	Nagano
Gifu	10	11	10	16	10	8	10	10	8	10	10	3	10	5	8	11	8	5	3	4	3	173	Gifu
Shizuoka	4	2	1	5	2		1	4	1		1			2			1	1	2	2	1	30	Shizuoka
Aichi	4	2	4	2	5	1	2	4			1					1			2		1	29	Aichi
Mie		6	5	5	4	2	5	6		3	2			9	4	1	3		1	1	1	58	Mie
Shiga	1	1											2	1								5	Shiga
Kyoto	4	1	2	2	4	1		2	2	1		1		1					2	1		24	Kyoto

Osaka	4	10	17	6	7	9	3	5	3	9	3	4	8	3	3	2	6	4	3	5	4	118	Osaka
Hyogo	12	15	11	14	10	6	10	7	7	4	7	10	6	6	5	2	3	5	5	7	4	156	Hyogo
Nara	2		1	1	1	1			1	1				1	1			1	1			12	Nara
Wakayama	1	1																				2	Wakayama
Tottori	1						2															3	Tottori
Shimane	1				1															2		4	Shimane
Okayama	2					1	1	1			1			1		1	1					9	Okayama
Hiroshima	5	3	4		1	1	2	3	1				2			1	2		1	2	1	29	Hiroshima
Yamaguchi	1			1		1		1		1												5	Yamaguchi
Tokushima							1											1			1	3	Tokushima
Kagawa	1		1								1	1				1		1				6	Kagawa
Ehime			2		2											1						5	Ehime
Kochi	3	1	1	1	1		1				1			1			2	2			1	15	Kochi
Fukuoka	4	4	2	1	1		1					1		2					1			17	Fukuoka
Saga		2	1	1					2			1		2				1				10	Saga
Nagasaki						1			1	1											1	4	Nagasaki
Kumamoto					1	2																3	Kumamoto
Oita		1			2	1	1							1								6	Oita
Miyazaki				1	1				1	1	1		1			2				1		9	Miyazaki
Kagoshima						1	1	1		2	1					1		1		1		9	Kagoshima
Okinawa	2														1		1		1			5	Okinawa
total	109	93	101	92	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	1,282	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: <a href="https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm">https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm</a> (MHLW, Japan)

Return to <a href="https://www.jisha.or.jp/english/statistics/2021e\_industry.html">https://www.jisha.or.jp/english/statistics/2021e\_industry.html</a>

\_\_\_\_\_\_

Fatal accidents in western tableware/cutting tool products in Japan in 1999-2021

western tableware/cutting tool products industry Code No.011201

Type of fatal accidents in western tableware/cutting tool 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																									fall from height
falling to same level																									falling to same level
crash																									crash
struck by flying or falling object								1																1	struck by flying or falling object
collapse																									collapse
crashed by																									crashed by
caught in/between	1							1						1									1	4	caught in/between
cut																									cut

		 	 	 		=	 	 	-	 	 	=	 	 	-	
injury to the sole of																injury to the sole
the foot																of the foot
drown								2							2	drown
contact to high/low-																contact to
temperature																high/low-
temperature																temperature
contact to harmful																contact to
substance																harmful
Substance																substance
electric shock																electric shock
explosion																explosion
burst																burst
fire																fire
traffic accident (public																traffic accident
road)																(public road)
tuaffica a said ant (ath ana)																traffic accident
traffic accident (others)																(others)
reaction to																reaction to
motion/improper																motion/improper
motion																motion
others																others
unclassifiable																unclassifiable
total	1				2			2	1					1	7	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)
machine								2						1									1	4	machine
crane, conveying machine	1																							1	crane, conveying machine
other equipment																									other equipment
temporary buildings, establishments																									temporary buildings, establishments
substance, material																									substance, material
load																									load
environment													2											2	environment
others																									others
total	1							2					2	1									1	7	total

Causal agents (middle) of fatal accidents in western tableware/cutting tool products in 1999-2021

Causal (M) agents	1000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	total	Causal (M)
Lausai (ivi) ageiits	1999	2000	2001	2002	2003	2004	2003	2000	2007	2008	2009	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	totai	agents

engine															engine
power transmission mechanism															power transmission mechanism
woodworking machine															woodworking machine
construction machine															construction machine
metal manufacturing machine					1			1					1	3	metal manufacturing machine
general machine					1									1	general machine
mobile silviculture machine															mobile silviculture machine
crane															crane
conveying machine	1													1	conveying machine
vehicle															vehicle
pressure vessel															pressure vessel
chemical facilities															chemical facilities
welding equipment															welding equipment

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

total	1							2					2	1									1	7	total	
-------	---	--	--	--	--	--	--	---	--	--	--	--	---	---	--	--	--	--	--	--	--	--	---	---	-------	--

Causal agents (small) of fatal accidents in western tableware/cutting tool 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																									power transmission
mechanism																									mechanism
circular sawing																									circular sawing
machine																									machine
band sawing																									band sawing
machine																									machine
wood planer																									wood planer
machine																									machine
hollow chisel																									hollow chisel
mortiser, wood																									mortiser, wood
borer																									borer
chamfering																									chamfering
machine, router,																									machine, router,
woodworking																									woodworking
milling machine																									milling machine
chain saw																									chain saw
other woodworking																									other woodworking
machines																									machines

leveling,														leveling,
transporting or														transporting or
loading machine														loading machine
excavating machine														excavating machine
foundation work														foundation work
machine														machine
hardening machine														hardening machine
demolition machine														demolition machine
vehicle for high lift														vehicle for high lift
work														work
other construction														other construction
machines														machines
lathe														lathe
drill press, milling				1									1	drill press, milling
machine				I									ľ	machine
grinding machine,														grinding machine,
buffing machine														buffing machine
power press														power press
forging pressure														forging pressure
hammer														hammer
shearing machine							1						1	shearing machine
other metal														other metal
manufacturing												1	1	manufacturing
machines														machines

centrifugal machine																centrifugal machine
mixer, grinder																mixer, grinder
roll machine (except printingroll machine)																roll machine (except printingroll machine)
injection molding																injection molding
food manufacturing machine																food manufacturing machine
printing machine																printing machine
industrial robot						1									1	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
	11	11	1	11	1									11		

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

		 	 	 ==	 	 	==	 	 	 	 	 ===	
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,													other equipment,
facilities													facilities
scaffolding													scaffolding
timbering													timbering
stairs, landing stage													stairs, landing stage
opening													opening
roof, beam, haze,													roof, beam, haze,
crossbeam,													crossbeam,
principal rafter													principal rafter
working platform,													working platform,
boot board													boot board
passage													passage
building,													building,
establishment													establishment
other temporary													other temporary
buildings,													buildings,
establishments													establishments
explosive substance													explosive substance
inflammable													inflammable
substance													substance

inflammable gas														inflammable gas
harmful substance														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							2						2	water
abnormal														abnormal
environment														environment
high/cold														high/cold
temperature														temperature
environment														environment
other environments														other environments
other causal agent														other causal agent

no causal agent																no causal agent
unclassifiable																unclassifiable
total	1				2			2	1					1	7	total

Workers age of fatal accidents in western tableware/cutting tool 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								1																1	20-29
30-39								1															1	2	30-39
40-49													2											2	40-49
50-59	1													1										2	50-59
60 years old or																									60 years old or
more																									more
total	1							2					2	1									1	7	total

Workers' number of workplace of fatal accidents in western tableware/cutting tool 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										2	10-29
30-49								1																1	30-49
50-99	1												1											2	50-99
			$\Box$										$\Box$					$\Box$							

100-299																100-299
300 workers or																300 workers or
more																more
total	1				2			2	1					1	7	total

Month of fatal accidents in western tableware/cutting tool 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														1										1	January
February																							1	1	February
March													2											2	March
April	1																							1	April
May																									May
June								1																1	June
July																									July
August																									August
September																									September
October								1																1	October
November																									November
December																									December
total	1							2					2	1									1	7	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													2											2	Miyagi
Akita																									Akita
Yamagata																									Yamagat
Fukushima																									Fukushin
Ibaraki																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama																									Saitama
Chiba																									Chiba
Tokyo																									Tokyo
Kanagawa								1																1	Kanagaw
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																									Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanas
Nagano																									Nagano
Gifu																									Gifu

Shizuoka															Shizuoka
Aichi															Aichi
Mie													1	1	Mie
Shiga															Shiga
Kyoto															Kyoto
Osaka	1													1	Osaka
Hyogo					1			1						2	Hyogo
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				2			2	1					1	7	total

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

Return to <a href="https://www.jisha.or.jp/english/statistics/2021e">https://www.jisha.or.jp/english/statistics/2021e</a> industry.html