silk-reeling industry Code No.010201

Type of accidents in silk-reeling 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	8		1	2	1	1	2				1												2	18	fall from height
falling to same level	6	6	3	7	3	3	2	1				2		2	1		1	1		1	1			40	falling to same level
crash	3	3			1		2			1						1		1						12	crash
struck by flying or falling object			1							1														2	struck by flying or falling object
collapse						1																		1	collapse
crashed by	2		1			1												1					1	6	crashed by
caught in/between	8	16	8	4	6	3	2	6		2		3	6	5	1	2	1	1	3	1	1	2	2	83	caught in/between
cut	1	4	3				1				1			1		1		2					1	15	cut
injury to the sole of the foot																									injury to the sole of the foot
drown																									drown
contact to high/low- temperature		1	1	1			1					1						2			1			8	contact to high/low- temperature

contact to harmful substance	1		1																				1	3	contact to harmful substance
electric shock																				1				1	electric shock
explosion																									explosion
burst																									burst
fire																									fire
traffic accident (public road)				1																2				3	traffic accident (public road)
traffic accident (others)																									traffic accident (others)
reaction to motion/improper motion	1	2	1	1		1			2			1									1	1	1	12	reaction to motion/improper motion
others											1													1	others
unclassifiable																									unclassifiable
total	30	32	20	16	11	10	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	205	total

Causal agents (large) of fatal and non-fatal accidents in silk-reeling 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		Causal (L)
		2000	2001	2002	2005	2004	2005	2000	2007	2000	2009	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021		agents
machine	11	16	10	3	5	7	1	5		2		2	5	5	1	2	1	2	2	2		2	2	86	machine
crane, conveying																									crane,

machine	3	4	1	2	2		2									1		2		2			1	20	conveying
																									machine
other equipment	4	4	5	3	1	2	3				2	1		2		1		2		1			2	33	other
other equipment	4	4	5	5		Z	5				2			Z				Z		1			Z		equipment
tomporony buildings																									temporary
temporary buildings, establishments	7	4	2	5	1	1		1				2		1	1		1	1			1		1	29	buildings,
establistiments																									establishments
substance, material	4	1	1		1		2			1		1						1					2	14	substance,
substance, material	4						2																2		material
load	1	3		1	1		1	1	1	1									1		1			12	load
environment			1																					1	environment
others				2			1		1		1	1	1								2	1		10	others
total	30	32	20	16	11	10	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	205	total

Causal agents (middle) of fatal and non-fatal accidents in silk-reeling 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																									engine
power transmission mechanism	1		1			1						1		1										5	power transmission mechanism
woodworking machine																		1						1	woodworking machine

construction machine																							construction machine
metal manufacturing machine	1																					1	metal manufacturing machine
general machine	9	16	9	3	5	6	1	5	2		1	5	4	1	2	1	1	2	2	2	2	79	general machine
mobile silviculture machine																							mobile silviculture machine
crane	1	1		1													1					4	crane
conveying machine	2	2	1		2		2								1		1				1	12	conveying machine
vehicle		1		1															2			4	vehicle
pressure vessel			1	1																		2	pressure vessel
chemical facilities																							chemical facilities
welding equipment																							welding equipment
kiln, caldron						1																1	kiln, caldron
electric equipment																							electric equipment
human power machine, tools	1	2	1				1			1	1											7	human power machine, tools

tools	3	1	2	2			2				1			2		1		1		1			2	18	tools
other equipments, facilities		1	1		1	1												1						5	other equipments, facilities
temporary buildings, establishments	7	4	2	5	1	1		1				2		1	1		1	1			1		1	29	temporary buildings, establishments
hazards, harmful substances	1		1									1						1					1		hazards, harmful substances
materials	3	1			1		2			1													1	9	materials
load	1	3		1	1		1	1	1	1									1		1			12	load
natural environment			1																					1	natural environment
other causal agent											1		1								1			3	other causal agent
no causal agent				2			1		1			1									1	1		7	no causal agent
unclassifiable																									unclassifiable
total	30	32	20	16	11	10	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	205	total

Causal agents (small) of fatal and non-fatal accidents in silk-reeling in 1999-2021

Causal (S) agen	s 199	9 20	00 20	001	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		1					1	1					3	power transmission
mechanism		<u> </u>					<u> </u>							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										1			1	other woodworking
machines														machines
leveling,														leveling,
transporting or														transporting or
loading machine														loading machine
excavating machine														excavating machine
foundation work														foundation work
machine														machine

<u> </u>	 Ļ	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	<u> </u>			 <u> </u>			
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																			drill press, milling
machine																			machine
grinding machine,																			grinding machine,
buffing machine																			buffing machine
power press																			power press
forging pressure																			forging pressure
hammer																			hammer
shearing machine																			shearing machine
other metal																			other metal
manufacturing																			manufacturing
machines																			machines
centrifugal machine																			centrifugal machine
mixer, grinder																			mixer, grinder
roll machine (except																			roll machine (except
printingroll		2				1				2	2		1	1	1	1	1	12	printingroll
machine)																			machine)
injection molding																			injection molding

machine																		machine
food manufacturing machine																		food manufacturing machine
printing machine																		printing machine
industrial robot																		industrial robot
other general power machines		7	5	1	4	2	1	3	2	1	2		2	1	1	1	33	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																		elevator, lift
cargo lifting appliance																		cargo lifting appliance
gondola																		gondola
lumberyard																		lumberyard
equipment, logging																		equipment, logging

cableway														cableway
simple skyline yarding equipment														simple skyline yarding equipment
other powered crane														other powered crane
truck				1								1	2	truck
forklift		1	1										2	forklift
ailway equipment														railway equipment
conveyor			1	1					1	1			4	conveyor
oader														loader
straddle carrier														straddle carrier
rough terrain hauler														rough terrain hauler
other powered conveying machines														other powered conveying machines
cars, bus, notorcycle											2		2	cars, bus, motorcycle
ailway vehicle														railway vehicle
other vehicles														other vehicles
poiler														boiler
oressure vessel		1											1	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				1			1							2	human power hauling equipment
human power machine															human power machine
hand tool		1				1								2	hand tool
ladder		2		1		1							1	5	ladder
slinging tool															slinging tool
other tools				1				2	1	1	1		1	7	other tools

other equipment,		1	1								1				3	other equipment,
facilities																facilities
scaffolding								1							1	scaffolding
timbering																timbering
stairs, landing stage		1								1					2	stairs, landing stage
opening																opening
roof, beam, haze,																roof, beam, haze,
crossbeam,							1								1	crossbeam,
principal rafter																principal rafter
working platform,																working platform,
boot board																boot board
passage			1				1		1				1	1	5	passage
building,		1									1				2	building,
establishment															Ľ	establishment
other temporary																other temporary
buildings,					1										1	buildings,
establishments																establishments
explosive substance																explosive substance
inflammable																inflammable
substance																substance
inflammable gas																inflammable gas
harmful substance		1					1								2	harmful substance
radiation																radiation
other hazards,																other hazards,

harmful substances															1					1	2	harmful substances
metal material																						metal material
lumber, bamboo																				1	1	lumber, bamboo
stone, sand,																						stone, sand,
substance																						substance
other materials			1	2			1														4	other materials
load			1	1	1	1	1									1		1			7	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		1																			1	temperature
environment											<u> </u>											environment
other environments																						other environments
other causal agent								1		1								1			3	other causal agent
no causal agent				1		1			1									1	1		5	no causal agent
unclassifiable																						unclassifiable
total		20	11	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	117	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			1	1									1					2		1				6	19 years old or less
20-29	4	3	4				2	2				4		2		2		1	1		1	1		27	20-29
30-39	5	1	5	1	6	1	1				1		1	1		1	2	2		1			2	31	30-39
40-49	4	8	3	5		2		2		1			1		1			1			1	1	2	32	40-49
50-59	15	11	5	5	4	5	5	3	1	2		2	3	3	1			2	1	2	1		3	74	50-59
60 years old or	2	9	2	4	1	2	2		1	1	2	1		2		1			1	1	1	1	1	35	60 years old or
more			2			2	2		•		2			2											more
total	30	32	20	16	11	10	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	205	total

Workers' number of workplace of fatal and non-fatal accidents in silk-reeling 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	9	6	3	6	2	4		2	1	3	2	1		1			2		2	1	1		3	49	9 workers or less
10-29	7	13	6	1	6	1	7		1	1		3	4	5	1	1		1		2	1	2	4	67	10-29
30-49	2	5	3	2				3					1			2		1	1					20	30-49
50-99	5	6	4	5	2	4	2	2				2			1							1		34	50-99
100-299	5	1	4	2	1	1	1					1	1	2		1		6		1	2			29	100-299
300 workers or	2	1									1									1			1	6	300 workers or
more		<u> </u>									<u> </u>													II -	more
total	30	32	20	16	11	10	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	205	total

Month of fatal and non-fatal accidents in silk-reeling 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	5	2	2	1	1	1	3	1				2		1		1			1			1		22	January
February	6	3	4	1	3	1					1			1				2	1	1	1		1	26	February
March		3	2											1			1	1		1		1		10	March
April	2	7		1	1	1		1	1						1						2			17	April
Мау	1	1		3	1	2						2								1				11	May
June	5	2	1	3				2	1				1	1		1								17	June
July	2	2	3			2						2	1	3		1							1	17	July
August	1	1	4	1			1	1		1					1				1				1	13	August
September	3	3	1	2			1			1			1				1	3		1	1			18	September
October	2	3	2	2		2	1	2				1											1	16	October
November	1	2	1	1	2		2			2			1			1		2				1	1	17	November
December	2	3		1	3	1	2				2		2	1						1			3	21	December
total	30	32	20	16	11	10	10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	205	total

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Prefecture of fatal and non-fatal accidents in silk-reeling 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																									Hokkaido
Aomori																									Aomori

lwate																							lwate
Miyagi	1																					1	Miyagi
Akita																							Akita
Yamagata			1																			1	Yamagata
Fukushima	1	1	1			2																5	Fukushima
Ibaraki				1																		1	Ibaraki
Tochigi																							Tochigi
Gunma														1								1	Gunma
Saitama	1	2																				3	Saitama
Chiba																1					1	2	Chiba
Tokyo					1													2				3	Tokyo
Kanagawa				1					1		2										1	5	Kanagawa
Niigata	3	1				1		1														6	Niigata
Toyama					1																	1	Toyama
Ishikawa	3																1		1			5	Ishikawa
Fukui	1	1	1		1	1		1				1		3			2					12	Fukui
Yamanashi																							Yamanashi
Nagano	1	2					1												1			5	Nagano
Gifu	2	2	1	1						1								1			1	9	Gifu
Shizuoka	1																					1	Shizuoka
Aichi	2	4	3	2	2	1		1		4		1	2		1			1		2	1	27	Aichi
Mie	2	2	1	1	1																	7	Mie
Shiga		2									1	2								1		6	Shiga

Kyoto	3	5	3	1	1	1			2			1						2	19	Kyoto
Osaka				1			1				1	1						1	5	Osaka
Нуодо	2	1	2							1					6		2		14	Нуодо
Nara	1		2								1					1			5	Nara
Wakayama																				Wakayama
Tottori																				Tottori
Shimane																				Shimane
Okayama	1	2		2	1						1	1							8	Okayama
Hiroshima	1	1	3	1	1									1				1	9	Hiroshima
Yamaguchi	1	1	1																3	Yamaguchi
Tokushima																				Tokushima
Kagawa																				Kagawa
Ehime																				Ehime
Kochi		3																	3	Kochi
Fukuoka	1	1						1				1							4	Fukuoka
Saga																				Saga
Nagasaki		1			1														2	Nagasaki
Kumamoto																				Kumamoto
Oita																				Oita
Miyazaki	2		1			1									1				5	Miyazaki
Kagoshima										1									1	Kagoshima
Okinawa																				Okinawa

total	30	32	20		11		10	7	2	4	3	7	6	8	2	4	2	8	3	5	4	3	8	179	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: <u>https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm</u> (MHLW, Japan)

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

Fatal accidents in silk-reeling in Japan in 1999-2021

silk-reeling industry Code No.010201

Type of fatal accidents in silk-reeling 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																									struck by flying
falling object																									or falling object
collapse																									collapse
crashed by																									crashed by
																									caught

caught in/between							1						1	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														contact to high/low- temperature
contact to harmful substance														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														others
unclassifiable														unclassifiable

L						íL								L
total							1						1	total

Causal agents (large) of fatal accidents in silk-reeling 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													1											1	machine
crane, conveying machine																									crane, conveying machine
other equipment																									other equipment
temporary buildings, establishments																									temporary buildings, establishments
substance, material																									substance, material
load																									load
environment																									environment
others																									others
total													1											1	total

Causal agents (middle) of fatal accidents in silk-reeling 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	202	0 202	21 total	Causal (M) 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
kiln, caldron												kiln, caldron
electric equipment												electric equipment
human power machine, tools												human power machine, tools
tools												tools
other equipments, facilities												other equipments, facilities
temporary buildings, establishments												temporary buildings, establishments
hazards, harmful substances												hazards, harmful substances
materials												materials
load												load
natural environment												natural environment
other causal agent												other causal agent
<u> </u>												

no causal agent														no causal
no causa agent														agent
unclassifiable														unclassifiable
total							1						1	total

Causal agents (small) of fatal accidents in silk-reeling 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																									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
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

machines i <th>other metal</th> <th></th> <th>other metal</th>	other metal														other metal
in a in a construction indice, signified in a construction indice, signified in a construction indice, signified in a construction indice, signified in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction indice, signified in a construction in a construction in a construction in a construction <	manufacturing														manufacturing
mixer, grinder I <t< td=""><td>machines</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>machines</td></t<>	machines														machines
Induction (except printing of line and line and line and line and line (except printing of line and line (except printing of line and line) Imachine	centrifugal machine														centrifugal machine
printingroll printingroll printingroll printingroll machine printingroll printingroll njection molding printing printingroll printing machine printing printing printing food manufacturing printing printing printing machine printing printing printing food manufacturing printing printing printing machine printing printing printing printing printing printing printing printing printing printing printing machine printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing printing <td>mixer, grinder</td> <td></td> <td>mixer, grinder</td>	mixer, grinder														mixer, grinder
machine) I<	roll machine (except														roll machine (except
injection molding machine injection molding machine iood manufacturing machine iood manufacturing <td< td=""><td>printingroll</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>printingroll</td></td<>	printingroll														printingroll
machine I <td>machine)</td> <td></td> <td>machine)</td>	machine)														machine)
iood manufacturing iood manufacturing iood manufacturing machine machine <	injection molding														injection molding
machine I <td>machine</td> <td></td> <td>machine</td>	machine														machine
printing machine I	food manufacturing														food manufacturing
Industrial robot Image: Single intermediation intermediatination intermedia	machine														machine
obter general power machines I	printing machine														printing machine
power machines Image: sintegrame in the sinteg	industrial robot														industrial robot
power machines I <t< td=""><td>other general</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>other general</td></t<>	other general							1						1	other general
mobile logging machine skyline yarding machine skyline yarding machine other mobile silviculture machine and	power machines													I	power machines
machine Imachine Im	felling machine														felling machine
skyline yarding machine other mobile silviculture machine	mobile logging														mobile logging
machine machi	machine														machine
other mobile Image: Constraint of the	skyline yarding														skyline yarding
silviculture machine	machine														machine
	other mobile														other mobile
rrane crane	silviculture machine														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, logging
cableway													cableway
simple skyline													simple skyline
yarding equipment													yarding equipment
other powered													other powered
crane													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													other powered
conveying machines													conveying machines
cars, bus,													cars, bus,
motorcycle													motorcycle

	 	 	 	 	 	=	=	 =	 	 	——	 	=		<u> </u>
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, caldroi	n
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												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						1	total

Workers age of fatal accidents in silk-reeling 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																									20-29
30-39																									30-39
40-49																									40-49
50-59																									50-59
60 years old or																									60 years old or
more																									more
total													1											1	total

Workers' number of workplace of fatal accidents in silk-reeling 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														9 workers or less
10-29														10-29
30-49							1						1	30-49
50-99														50-99
100-299														100-299
300 workers or														300 workers or
more														more
total							1						1	total

Month of fatal accidents in silk-reeling in 1999-2021

										January
										February
										March
										April
										May
										June
										July
										August
										September
										October
										November

December							1						1	December
total							1						1	total

Prefecture of fatal accidents in silk-reeling 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																									Hokkaido
Aomori																									Aomori
lwate																									lwate
Miyagi																									Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushima
Ibaraki																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama																									Saitama
Chiba																									Chiba
Tokyo																									Tokyo
Kanagawa																									Kanagawa
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																									Ishikawa

Fukui													Fukui
Yamanashi													Yamanashi
Nagano													Nagano
Gifu													Gifu
Shizuoka													Shizuoka
Aichi													Aichi
Mie													Mie
Shiga							1					1	Shiga
Kyoto													Kyoto
Osaka													Osaka
Нуодо													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	total

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

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