Fatal and non-fatal accidents in other textile products in Japan in 1999-2021

other textile products industry Code No.010209

Type of accidents in other textile 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	36	41	37	36	37	36	24	36	26	35	26	20	16	20	18	26	24	15	20	20	21	23	20	613	fall from height
falling to same level	51	37	48	51	35	33	38	40	33	28	32	35	40	35	41	31	39	28	28	36	33	30	33	835	falling to same
crash	19	9	16	20	13	9	8	12	10	11	8	9	4	8	5	12	5	3	8	9	7	7	4	216	crash
struck by flying or falling object	15	15	12	18	16	6	9	14	8	9	4	6	7	11	2	5	5	12	6	4	10	10	7	211	struck by flying or falling object
collapse	4	3	1	2	1	2	2	2	2	3	1	1	3	1	2	3	2	5	4	2	3	2		51	collapse
crashed by	8	16	12	10	10	2	6	8	9	5	8	6	1	7	4	9	3	4	5	12	6	4	4	159	crashed by
caught in/between	125	106	124	131	106	90	88	90	77	89	68	62	64	63	59	74	47	59	61	76	52	53	38	1,802	caught in/between
cut	29	26	33	26	32	23	19	25	18	13	14	7	10	19	18	4	12	13	12	8	12	14	11	398	cut
injury to the sole of the foot	1	1	1	1			1	1							1						1			8	injury to the sole of the foot
drown													1											1	drown
contact to high/low- temperature	5	6	2	2	6	6	7	1	4	1	3	1	1	3	3	1	2	3	1	2	4		1	65	contact to high/low- temperature

contact to harmful																									contact to
substance	3	1			6		1		1		1		2	6	7		4	1		2				35	harmful
substance																									substance
electric shock	1	1		1																				3	electric shock
explosion																						1		1	explosion
burst			1																					1	burst
fire	1	1			1									1										4	fire
traffic accident (public	3	4	4	2	2	3	2	6	1			1	6		2	1	1	3	2	1				44	traffic accident
road)	3		4			3	2	0					0					3		ľ				44	(public road)
traffic accident																									traffic accident
(others)																									(others)
reaction to																									reaction to
motion/improper	23	15	20	26	26	21	20	18	18	20	14	10	15	11	14	12	7	9	15	20	14	14	10	372	motion/improper
motion																									motion
others	1				2		2		1				1				1	1				1	15	25	others
unclassifiable			2	1											1									4	unclassifiable
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,848	total

Causal agents (large) of fatal and non-fatal accidents in other textile 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)
Causar (L) agents		2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	2010	2011	2012	2013	2014	2013	2010	2017	2010	2017	2020	2021	II I	agents
machine	146	122	135	156	124	98	99	104	83	95	77	69	64	73	63	72	59	62	64	85	61	55	42	2,008	machine
crane, conveying																									crane,

machine	23	22	20	26	24	22	25	22	24	14	11	12	13	12	12	20	9	13	14	14	13	13	12	390	conveying
machine																									machine
other equipment	51	47	67	42	47	41	33	46	34	39	32	28	30	33	31	25	25	30	22	22	26	36	21	808	other
other equipment	31	47	07	42	47	41	33	40	34	39	32	20	30	33	31	23	23	30		22	20	30	21	000	equipment
tompovom buildings																									temporary
temporary buildings, establishments	49	40	51	53	50	39	32	42	36	36	31	31	30	38	33	36	35	27	32	42	26	31	36	856	buildings,
establistifferits																									establishments
substance, material	16	16	10	13	25	10	13	15	11	7	4	5	11	19	14	10	13	6	9	9	9	7	7	259	substance,
substance, material		10	10	13	23	10	13	13				J	' '	19	14		13				9			239	material
load	21	23	18	22	14	13	15	10	7	12	12	6	12	6	12	6	5	11	11	11	14	5	6	272	load
environment	1	1	2			5	3	4	1	2	3	2	4		1	2	2	1	1	2	3	2		42	environment
others	18	11	10	15	9	3	7	10	12	9	9	5	7	4	11	7	4	6	9	7	11	10	19	213	others
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,848	total

Causal agents (middle) of fatal and non-fatal accidents in other textile 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	6	4	16	9	3	1	3	6	6	3	2	6	3	4	4	5	4	1	8	7	3	6	4	114	power transmission mechanism
woodworking machine	2		3	1	1	1		1	1	1										3				14	woodworking machine

construction machine	1						1							1						1				4	construction
																									machine
metal manufacturing machine	7	5	5	4	6	5	2	2	3	1	2	1	2	3	4	2	4	1	1	3		5	1	69	metal manufacturing machine
general machine	130	113	111	142	113	91	93	95	73	90	73	62	59	65	55	65	51	60	55	71	58	44	37	1,806	general machine
mobile silviculture machine																									mobile silviculture machine
crane	1	2	1	6	3	6	2		3	6	1	1	2	3		2		4		3	2	2	3	53	crane
conveying machine	20	18	14	18	20	14	20	16	20	7	9	11	5	7	10	16	8	6	11	9	9	11	8	287	conveying machine
vehicle	2	2	5	2	1	2	3	6	1	1	1		6	2	2	2	1	3	3	2	2		1	50	vehicle
pressure vessel	1		1				1							2			2	1						8	pressure vessel
chemical facilities				1	1																			2	chemical facilities
welding equipment		1								1								1			1	1		5	welding equipment
kiln, caldron			2		1		1		1	1									1		1			8	kiln, caldron
electric equipment	2				1	1	1	1			1													7	electric equipment
human power machine, tools	17	16	26	11	18	12	10	16	13	10	5	10	13	11	7	8	4	9	6	5	8	13	7	255	human power

tools	26	24	29	23	25	22	15	24	15	21	24	13	12	14	17	13	15	12	13	15	13	19	12	416	tools
other equipments,	5	6	9	7	1	6	5	5	5	6	2	5	5	6	7	4	4	7	2	2	3	3	2	107	other equipments, facilities
temporary buildings, establishments	49	40	51	53	50	39	32	42	36	36	31	31	30	38	33	36	35	27	32	42	26	31	36	856	temporary buildings, establishments
hazards, harmful substances	2	1	2		7		3		2		1		2	7	7	1	4	1		3				43	hazards, harmful substances
materials	14	15	8	13	18	10	10	15	9	7	3	5	9	12	7	9	9	5	9	6	9	7	7	216	materials
load	21	23	18	22	14	13	15	10	7	12	12	6	12	6	12	6	5	11	11	11	14	5	6	272	load
natural environment	1	1	2			5	3	4	1	2	3	2	4		1	2	2	1	1	2	3	2		42	natural environment
other causal agent	9	5	4	2	1		1	3	1	1	1			1	3				3			3	15	53	other causal agent
no causal agent	9	4	5	11	8	3	6	6	11	8	8	5	7	3	6	7	4	6	6	7	10	7	4	151	no causal agent
unclassifiable		2	1	2				1							2						1			9	unclassifiable
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,848	total

Causal agents (small) of fatal and non-fatal accidents in other textile 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		16	3	3	6	6	3	2	6	3	4	4	5	4	1	8	7	3	6	4	94	power transmission mechanism
circular sawing machine		1			1	1	1										2				6	circular sawing machine
band sawing machine																						band sawing machine
wood planer machine																						wood planer machine
hollow chisel mortiser, wood borer		1																			1	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				3	other woodworking machines
leveling, transporting or loading machine																						leveling, transporting or loading machine
excavating machine											1										1	excavating machine
foundation work																						foundation work

hardening machine																						hardening machine
demolition machine																						demolition machine
vehicle for high lift work				1													1				2	vehicle for high lift work
other construction machines																						other construction machines
lathe		1												1			1		1		4	lathe
drill press, milling machine			1	2		1	1		1				1								7	drill press, milling machine
grinding machine, buffing machine			1					1		1		1		2					1		7	grinding machine, buffing machine
power press											1	1	1	1			2				6	power press
forging pressure hammer												1									1	forging pressure hammer
shearing machine		2	2		1						2	1				1					9	shearing machine
other metal manufacturing machines		2	2		1	2		1		1					1				3	1	14	other metal manufacturing machines
centrifugal machine		1	1	1	1																4	centrifugal machine
mixer, grinder			2	1	1	1		1	1	1	1	1		1	1		1				13	mixer, grinder
roll machine (except printingroll machine)		18	13	10	14	9	17	11	10	12	8	6	17	12	10	15	15	7	9	4	217	roll machine (except printingroll machine)
injection molding																						injection molding

machine				1								1									2	machine
food manufacturing						1							1								2	food manufacturing machine
printing machine		1	2	1			1	1	1				1							1	9	printing machine
industrial robot																						industrial robot
other general power machines		91	95	79	79	62	72	60	50	46	56	47	46	38	49	40	55	51	35	32	1,083	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		1	2	1		1	2	1		1	3		1		2		1	2	1	3	22	crane
mobile crane							1			1					1						3	mobile crane
derrick crane																						derrick crane
elevator, lift						1	3		1				1		1						7	elevator, lift
cargo lifting																						cargo lifting appliance
gondola																						gondola
lumberyard																						lumberyard
equipment, logging																						equipment, logging
cableway																						cableway

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simple skyline																						simple skyline
yarding equipment																						yarding equipment
other powered			1	1		1											2		1		6	other powered
crane																			1			crane
truck		3	2	8	4	5	3	2	4	2	2	2	3	1	1	4	1	2	4	4	57	truck
forklift		7	6	7	10	10	2	3	5	2	1		7	3	2	4	4	6	5	3	87	forklift
railway equipment		1																			1	railway equipment
conveyor		3	10	5	1	3	2	4	2	1	4	8	6	3	3	2	3	1	2	1	64	conveyor
loader																						loader
straddle carrier																						straddle carrier
rough terrain hauler																						rough terrain hauler
other powered			2		1	2								1		1	1				8	other powered
conveying machines														l l							6	conveying machines
cars, bus,		5	1	2	5	1	1			6	1	2	2	1	3	3	2			1	36	cars, bus,
motorcycle							Ľ				<u> </u>			<u> </u>								motorcycle
railway vehicle																						railway vehicle
other vehicles				1	1			1			1							2			6	other vehicles
boiler																						boiler
pressure vessel		1									2			2	1						6	pressure vessel
other pressure				1																	1	other pressure
vessels																						vessels
chemical facilities			1																		1	chemical facilities
gas welding																						gas welding

equipment																						equipment
arc welding equipment																		1	1		2	arc welding equipment
other welding equipment							1								1						2	other welding equipment
kiln, caldron		1	1			1	1									1		1			6	kiln, caldron
industrial dryer		1		1																	2	industrial dryer
other kiln, caldron																						other kiln, caldron
transmission			1	1																	2	transmission
electric power								1													1	electric power
other electrical equipment					1																1	other electrical equipment
human power cranes															1				1		2	human power cranes
human power		12	9	3	8	4	4	2	8	9	4	4	7	4	4	4	4	7	6	3	106	human power hauling equipment
human power		1								1											2	human power machine
hand tool		13	9	7	8	9	6	3	2	3	7	3	1		4	2	1	1	6	4	89	hand tool
ladder		18	16	6	9	8	13	10	5	6	7	10	5	11	7	5	11	4	10	6	167	ladder
slinging tool		1	1						1		1					1			1		6	slinging tool
other tools		10	8	9	15	7	8	14	7	6	6	7	8	4	5	7	4	9	8	6	148	other tools
other equipment,																						other equipment,

facilities	9	9	1	5	5	5	6	2	5	5	6	7	4	4	7	2	2	3	3	2	83	facilities
scaffolding							1							1					1	1	4	scaffolding
timbering																						timbering
stairs, landing stage	1	11	7	7	10	7	6	5	6	2	5	3	5	2	2	7	7	2	10	5	109	stairs, landing stage
opening	2	2		1	2		1		1				2		2	1		1			13	opening
roof, beam, haze, crossbeam, principal rafter			5	2	1	1	1	1		1		1	1		2		1				17	roof, beam, haze, crossbeam, principal rafter
working platform, boot board	8	3	9	5	7	11	6	4	10	4	9	9	3	7	6	3	5	3	2	6	117	working platform, boot board
passage	1	18	18	15	16	10	16	11	10	19	19	15	18	21	13	11	22	16	16	19	303	passage
building, establishment	7	7	6	1	5	5	2	7	3	2	3	2	2	3		4	5	3	1	3	64	building, establishment
other temporary buildings, establishments	5	5	5	1	1	2	3	3	1	2	2	3	5	1	2	6	2	1	1	2	48	other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance			1	1						1	1										4	inflammable substance
inflammable gas																						inflammable gas
harmful substance			4	1		1		1		1	6	7		2	1		2				26	harmful substance
radiation																						radiation
other hazards,	2	2	2	1		1							1	2			1				10	other hazards, harmful substances

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metal material			4	6		3	6	3	2	1		4	5	5	6	2	3	1	1	3	3	4	62	metal material
lumber, bamboo				2		2	1	1	1				1			1	1		1	1		1	13	lumber, bamboo
stone, sand,				1			1													1			3	stone, sand,
Substance																								Substance
other materials			4	9		5	7	5	4	2	5	5	6	2	3	6	1	8	4	4	4	2	86	other materials
load			17	13		14	8	7	10	12	6	11	6	11	5	5	11	11	9	12	5	6	179	load
machine/equipment as load			1	1		1	2		2			1		1	1				2	2			14	machine/equipment as load
natural ground, rock										1						1							2	natural ground, rock
standing tree							1			1													2	standing tree
water			1									2											3	water
abnormal																								abnormal
environment																								environment
high/cold																								high/cold
temperature						1		1								1	1		1				5	temperature
environment																								environment
other environments			1			2	3		2	1	2	2		1	2			1	1	3	2		23	other environments
other causal agent			4	1		1	3	1	1	1			1	3				3			3	15	37	other causal agent
no causal agent			5	8		6	6	11	8	8	5	7	3	6	7	4	6	6	7	10	7	4	124	no causal agent
unclassifiable			1				1							2						1			5	unclassifiable
total			313	293		227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	3,683	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	7	4	3	6	6	3	3	3	8	5	1	4	1	4	3	3		2	3	1	2	3	2	77	19 years old or less
20-29	35	27	39	40	33	30	23	24	28	26	20	17	15	23	22	23	18	25	20	29	16	16	16	565	20-29
30-39	33	35	37	40	38	43	30	41	35	43	27	25	30	32	31	25	20	19	28	26	30	26	17	711	30-39
40-49	66	62	58	71	44	38	43	40	29	34	36	22	35	33	37	37	39	27	36	45	44	40	41	957	40-49
50-59	126	116	126	122	112	79	80	90	54	67	45	41	46	38	45	41	30	46	34	37	28	37	49	1,489	50-59
60 years old or more	58	38	50	48	60	38	48	55	54	39	50	49	44	55	39	49	45	37	41	54	43	37	18	1,049	60 years old or more
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,848	total

Workers' number of workplace of fatal and non-fatal accidents in other textile 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	61	71	73	71	77	64	50	77	46	49	48	32	37	41	30	40	32	26	37	41	31	24	20	1,078	9 workers or less
10-29	112	94	113	114	86	73	80	72	58	55	38	39	48	61	43	47	44	53	38	43	59	40	31	1,441	10-29
30-49	55	42	53	58	55	38	38	41	41	39	35	36	29	38	40	39	34	34	27	31	29	32	45	909	30-49
50-99	44	40	39	45	36	33	33	25	27	25	24	33	27	29	23	30	21	25	20	47	22	38	22	708	50-99
100-299	37	31	26	36	36	20	23	36	32	42	23	10	22	14	31	16	15	12	35	25	20	20	23	585	100-299
300 workers or	16	4	9	3	3	3	3	2	4	4	11	8	8	2	10	6	6	6	5	5	2	5	2	127	300 workers or
more																								l 1	more
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,848	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	30	28	22	43	21	21	24	22	14	17	14	13	20	18	24	15	16	15	15	19	15	13	11	450	January
February	28	24	29	34	20	24	18	25	16	22	18	13	11	13	14	13	8	12	13	17	18	19	12	421	February
March	31	27	32	24	20	24	18	22	15	21	19	14	27	18	14	13	5	15	17	21	12	15	11	435	March
April	23	20	29	32	31	18	15	20	15	24	17	16	8	16	15	18	10	11	6	11	9	19	11	394	April
May	28	28	25	31	23	16	24	25	22	17	17	9	11	16	19	10	15	12	15	11	13	5	11	403	May
June	29	11	29	19	26	21	23	19	19	15	15	8	13	28	16	17	7	23	19	19	11	12	13	412	June
July	23	22	36	22	34	15	21	19	17	15	15	13	16	11	15	11	18	16	13	17	16	9	12	406	July
August	27	34	23	19	14	19	12	27	18	20	14	15	16	12	6	17	16	14	14	14	7	10	19	387	August
September	28	16	25	25	21	23	15	19	20	15	11	16	11	10	10	23	13	10	11	16	18	12	16	384	September
October	24	27	20	25	22	20	17	15	18	20	10	8	11	10	18	19	12	8	13	15	14	14	9	369	October
November	28	21	24	27	27	16	20	15	15	13	14	20	16	10	11	11	13	11	14	11	14	12	6	369	November
December	26	24	19	26	34	14	20	25	19	15	15	13	11	23	15	11	19	9	12	21	16	19	12	418	December
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,848	total

Prefecture of fatal and non-fatal accidents in other textile 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	6	5		3		3	3	2	3	6	4	1	1	4	8	2	9	2	2	5	5	3	79	Hokkaido
Aomori								1					1					1						3	Aomori
lwate		3	1				1	1					1			3	1	1	2	3	4	1	2	24	lwate

Miyagi	3			1	1	1			2		1	1		1	3	3	1	3	2	3	2	28	Miyagi
Akita												1		1								2	Akita
Yamagata	1	1	3		1	1	1		1						1	1	1	2	1		1	16	Yamagata
Fukushima		1	1	2	1	2	1		2			2	1	1		1	2					17	Fukushima
lbaraki	2	2	6	2	4	3	2	3	3	3	2	1	1	2	1	1	5	5	6	3	1	58	Ibaraki
Tochigi	7	4	2	4	1	6	5	5	1	5		7	4	2	2	2	2	3	5	1	4	72	Tochigi
Gunma	4	3	6	7	2	3	2	2	2	3	2	3	1		3	1	2		2	4	1	53	Gunma
Saitama	12	5	8	8	14	9	12	8		2	1	9	8	6	5	9	5	6	5	6	3	141	Saitama
Chiba	3	1		1	3	2	4	2	2	2	3	2	1	2	1	2	2	3	1	4	1	42	Chiba
Tokyo	6	4	4	3	1	5		2	2			1	4	1	1	1	1	2	3	2	1	44	Tokyo
Kanagawa	3	2	3	1	1	1	1	1	1	1	2	2	3	2	4	1		3		3	1	36	Kanagawa
Niigata	12	4	6	5	4	3	2	4	5	2	9	2	2	3	3	2	7	4	6	2	9	96	Niigata
Toyama	11	5	6	8	5	3	5	4	2	5	5	6	2	4	3		3	5	3	1	4	90	Toyama
Ishikawa	17	8	7	11	11	12	9	17	6	4	4	8	4	6	13	9	13	7	13	10	8	197	Ishikawa
Fukui	7	17	16	6	5	9	4	13	4	6	11	8	15	6	10	14	8	16	6	13	5	199	Fukui
Yamanashi	2	1									2	1				1		1			1	9	Yamanashi
Nagano	3		2			1		1	1						1	1				1		11	Nagano
Gifu	8	7	8	10	7	7	6	14	3	9	10	6	10	7	3		7	14	3	10	6	155	Gifu
Shizuoka	19	15	13	18	13	21	12	12	8	3	5	10	10	7	6	10	8	10	5	3	4	212	Shizuoka
Aichi	55	45	62	45	46	41	32	30	32	30	23	36	39	26	29	18	14	29	19	17	11	679	Aichi
Mie	8	7	10	4	8	4	9	5	7	4	1	2		5	4		2		3	2		85	Mie
Shiga	9	9	12	22	5	10	7	11	7	8	11	10	10	11	9	3	7	13	11	6	18	209	Shiga
Kyoto	9	15	10	7	5	6	5	7	7	5	4	3	2	3	3	4	3	4	1		2	105	Kyoto

Osaka	50	51	43	58	27	38	33	25	25	24	22	16	17	28	14	17	12	21	15	15	13	564	Osaka
Hyogo	13	13	12	6	6	8	7	5	6	4	8	6	7	5	3	5	8	2	7	4	5	140	Hyogo
Nara	6	8	5	4	4	4	2		6	3	2	2		2	4	2	1		2	2	6	65	Nara
Wakayama	8	7	10	8	10	10	3	6	3	5	3	2	4	6	2	5	7	3	4	4	5	115	Wakayama
Tottori							1			1		1				1	2	1	1	1		9	Tottori
Shimane	1	3		1	1	1	2	3				1	1	1	1		2	1	1		1	21	Shimane
Okayama	6	3	7	7	4	13	12	9	5	3	6	6	7	6	6	7	11	5	3	5	7	138	Okayama
Hiroshima	5	11	7	9	5	4	4	3	3	4	4	3	4	1	2	7	7	4	8	3	2	100	Hiroshima
Yamaguchi	2	3	1	1		2	1	3	2	2		5	2	3		2	3	1	1	1	1	36	Yamaguchi
Tokushima	4		5		1		1					2		1			1	1			1	17	Tokushima
Kagawa	1	2	7	2	1	1	4		1	5	5	3	2	4		2		3		3	1	47	Kagawa
Ehime	5	5	9	7	5	5	7	8	7	3	4	6	6	4	3	4	3	7	2	4	4	108	Ehime
Kochi		1	4	2	3	2		3	3	1	4	1	2	2				3	4	3	1	39	Kochi
Fukuoka	3	4	3	6	8	2	4	1	3	2	6	3		1	3		1	2	2	9	2	65	Fukuoka
Saga	2			2			1			2	4	1	2	1	1	2			2		1	21	Saga
Nagasaki	4	2	1			1			2			1			1	1	2		1	1		17	Nagasaki
Kumamoto	1			6	1	1	1	1	4	1	2	2	1	5	4	1	3	2	3	5	3	47	Kumamoto
Oita	1		6		1				1		1									1		11	Oita
Miyazaki	5	2	1	1	2	2		1	1	2		2				1			2		1	23	Miyazaki
Kagoshima	4	2	1	5	6	4	3	2	3		1		1	1		4	2	1	1		1	42	Kagoshima
Okinawa	1						1													1		3	Okinawa
total	325	282	313	293	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	4,290	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: https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm (MHLW, Japan)

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Fatal accidents in other textile products in Japan in 1999-2021

other textile products industry Code No.010209

Type of fatal accidents in other textile 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		1			1				1						5	fall from height
falling to same level																									falling to same
laming to same level																									level
crash																									crash
struck by flying or								1																1	struck by flying
falling object																									or falling object
collapse																									collapse
crashed by																									crashed by
caught in/between	1	3						1	1				1	1	1	1				1		1		12	caught
caugiit iii/ betweeli		3						•																12	in/between
cut																									cut

injury to the sole of the foot																		injury to the sole
drown										1							1	drown
contact to high/low- temperature	1					1											2	contact to high/low- temperature
contact to harmful substance																		contact to harmful substance
electric shock																		electric shock
explosion																		explosion
burst			1														1	burst
fire																		fire
traffic accident (public road)					1												1	traffic accident (public road)
traffic accident (others)																		traffic accident (others)
reaction to motion/improper motion																		reaction to motion/improper motion
others										1							1	others
unclassifiable																		unclassifiable
total	2	3	1	1	1	1	2	2	1	3	2	1	1	1	1	1	24	total

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	3 2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (L)
machine	1	3						1	1				1	1	1	1				1		1		12	machine
crane, conveying machine						1		1																2	crane, conveying machine
other equipment	1		1				1		1		1			1										6	other equipment
temporary buildings, establishments					1													1						2	temporary buildings, establishments
substance, material																									substance, material
load																									load
environment													2											2	environment
others																									others
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1		24	total

Causal agents (middle) of fatal accidents in other textile 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)
ausai (M) ageilts	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											1					1	power transmission mechanism
woodworking machine																	woodworking machine
construction machine																	construction machine
metal manufacturing machine																	metal manufacturing machine
general machine	1	3				1	1		1	1		1		1	1	11	general machine
mobile silviculture machine																	mobile silviculture machine
crane						1										1	crane
conveying machine																	conveying machine
vehicle					1											1	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
ciccine equipment																equipment
human power machine,																human power
tools																machine, tools
tools					1	1									2	tools
other equipments,																other
facilities									1						1	equipments,
																facilities
temporary buildings,																temporary
establishments			1									1			2	buildings,
Local State of the Control of the Co																establishments
hazards, harmful																hazards,
substances																harmful
Substances																substances
materials																materials
load																load
natural environment								2								natural
natural environment								2							2	environment
ather sausal agent																other causal
other causal agent																agent
no causal agent																no causal
no causai agent																agent
unclassifiable																unclassifiable
	 	-		 	 	 	==	=	==	==	 		 	 	 -	-

	total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1		24	total	
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Causal agents (small) of fatal accidents in other textile 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															1									1	power transmission mechanism
circular sawing machine																									circular sawing machine
band sawing machine																									band sawing machine
wood planer machine																									wood planer machine
hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine
chain saw																									chain saw
other woodworking																									other woodworking

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												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						1									1	centrifugal machine
mixer, grinder																mixer, grinder
roll machine (except printingroll machine)										1				1		roll machine (except printingroll machine)
injection molding machine																injection molding
food manufacturing																food manufacturing
printing machine																printing machine
industrial robot																industrial robot
other general power machines	1	3					1		1		1		1		8	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						1									1	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,			1										cars, bus,
motorcycle			ľ									1	motorcycle
railway vehicle													railway vehicle
other vehicles													other vehicles
boiler													boiler

pressure vessel	1	1											2	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				1									1	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					1	1							2	ladder
slinging tool														slinging tool
other tools														other tools
other equipment,								1					1	other equipment,
scaffolding														scaffolding
timbering														timbering
stairs, landing stage														stairs, landing stage
opening										1			1	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			1										1	building, establishment
other temporary buildings, establishments														other temporary buildings, establishments
explosive substance														explosive substance
inflammable substance														inflammable 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

				\Box													<u> </u>		 <u> </u>	
no causal agent																				no causal agent
unclassifiable																				unclassifiable
total	2	3	1		1	1	1	2	2	1	3	2	1	1	1	1		1	24	total

Workers age of fatal accidents in other textile 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		2																						2	20-29
30-39		1																						1	30-39
40-49	1						1	1																3	40-49
50-59	1		1		1			1					1	1								1		7	50-59
60 years old or						1			2		1		2	1	1	1		1		1				11	60 years old or
more						1					•			1		I				1				II I	more
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1		24	total

Workers' number of workplace of fatal accidents in other textile 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			1	1		1		1							1				7	9 workers or less
10-29	1	1					1	1	1				2			1		1						9	10-29
30-49		1													1									2	30-49
50-99						1								2								1		4	50-99
	$\overline{}$	$\overline{}$			$\overline{}$			$\overline{}$					$\overline{}$					$\overline{}$							

100-299																		100-299
300 workers or	1		1															300 workers or
more			I														2	more
total	2	3	1	1	1	1	2	2	1	3	2	1	1	1	1	1	24	total

Month of fatal accidents in other textile 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				2	January
February		1																						1	February
March		2							1				2	1				1						7	March
April	1																							1	April
May																									May
June			1																					1	June
July	1																							1	July
August							1							1										2	August
September								1	1							1								3	September
October					1	1																		2	October
November								1							1									2	November
December											1											1		2	December
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1		24	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													1											1	lwate
Miyagi													1					1						2	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushim
Ibaraki																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama							1																	1	Saitama
Chiba																									Chiba
Tokyo																									Tokyo
Kanagawa																									Kanagaw
Niigata																									Niigata
Toyama																									Toyama
Ishikawa								1																1	Ishikawa
Fukui																									Fukui
Yamanashi													1											1	Yamanas
Nagano																									Nagano
Gifu																									Gifu

Shizuoka		1					1	1								3	Shizuoka
Aichi	1									1	1			1		4	Aichi
Mie																	Mie
Shiga	1		1							1					1	4	Shiga
Kyoto																	Kyoto
Osaka		1		1			1									3	Osaka
Hyogo																	Hyogo
Nara					1											1	Nara
Wakayama												1				1	Wakayama
Tottori																	Tottori
Shimane																	Shimane
Okayama						1										1	Okayama
Hiroshima																	Hiroshima
Yamaguchi																	Yamaguchi
Tokushima																	Tokushima
Kagawa																	Kagawa
Ehime		1														1	Ehime
Kochi																	Kochi
Fukuoka																	Fukuoka
Saga																	Saga
Nagasaki																	Nagasaki
Kumamoto																	Kumamoto
Oita																	Oita

Miyazaki																		Miyazaki
Kagoshima																		Kagoshima
Okinawa																		Okinawa
total	2	3	1	1	1	1	2	2	1	3	2	1	1	1	1	1	24	total

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

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