Fatal and non-fatal accidents in other textile products in Japan in 1999-2022

other textile products industry Code No.010209

Type of accidents in other textile products in 1999-2022

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	2022	total
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	15	628
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	37	872
crash	19	9	16	20	13	9	8	12	10	11	8	9	4	8	5	12	5	3	8	9	7	7	4	5	221
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	8	219
collapse	4	3	1	2	1	2	2	2	2	3	1	1	3	1	2	3	2	5	4	2	3	2		1	52
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	7	166
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	60	1,862
cut	29	26	33	26	32	23	19	25	18	13	14	7	10	19	18	4	12	13	12	8	12	14	11	14	412
injury to the sole of the foot	1	1	1	1			1	1							1						1				8
drown													1												1
contact to high/low-	5	6	2	2	6	6	7	1	4	1	3	1	1	3	3	1	2	3	1	2	4		1	3	68

temperature																									
contact to harmful substance	3	1			6		1		1		1		2	6	7		4	1		2					35
electric shock	1	1		1																					3
explosion																						1			1
burst			1																					1	2
fire	1	1			1									1											4
traffic accident (public road)	3	4	4	2	2	3	2	6	1			1	6		2	1	1	3	2	1				1	45
traffic accident (others)																									
reaction to motion/improper motion	23	15	20	26	26	21	20	18	18	20	14	10	15	11	14	12	7	9	15	20	14	14	10	12	384
others	1				2		2		1				1				1	1				1	15	4	29
unclassifiable			2	1											1										4
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Causal agents (large) of fatal and non-fatal accidents in other textile products in 1999-2022

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	2022	total
machine	146	122	135	156	124	98	99	104	83	95	77	69	64	73	63	72	59	62	64	85	61	55	42	61	2,069

crane, conveying machine	23	22	20	26	24	22	25	22	24	14	11	12	13	12	12	20	9	13	14	14	13	13	12	14	404
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	28	836
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	34	890
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	9	268
load	21	23	18	22	14	13	15	10	7	12	12	6	12	6	12	6	5	11	11	11	14	5	6	10	282
environment	1	1	2			5	3	4	1	2	3	2	4		1	2	2	1	1	2	3	2		2	44
others	18	11	10	15	9	3	7	10	12	9	9	5	7	4	11	7	4	6	9	7	11	10	19	10	223
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Causal agents (middle) of fatal and non-fatal accidents in other textile products in 1999-2022

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	2022	total
engine					1																				1
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	2	116
woodworking machine	2		3	1	1	1		1	1	1										3					14

construction machine	1						1							1						1					4
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
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	59	1,865
mobile silviculture machine																									
crane	1	2	1	6	3	6	2		3	6	1	1	2	3		2		4		3	2	2	3	1	54
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	13	300
vehicle	2	2	5	2	1	2	3	6	1	1	1		6	2	2	2	1	3	3	2	2		1		50
pressure vessel	1		1				1							2			2	1							8
chemical facilities				1	1																				2
welding equipment		1								1								1			1	1			5
kiln, caldron			2		1		1		1	1									1		1			1	9
electric equipment	2				1	1	1	1			1													1	8
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	11	266
tools	26	24	29	23	25	22	15	24	15	21	24	13	12	14	17	13	15	12	13	15	13	19	12	9	425
other equipments,																									

facilities	5	6	9	7	1	6	5	5	5	6	2	5	5	6	7	4	4	7	2	2	3	3	2	6	113
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	34	890
hazards, harmful substances	2	1	2		7		3		2		1		2	7	7	1	4	1		3					43
materials	14	15	8	13	18	10	10	15	9	7	3	5	9	12	7	9	9	5	9	6	9	7	7	9	225
load	21	23	18	22	14	13	15	10	7	12	12	6	12	6	12	6	5	11	11	11	14	5	6	10	282
natural environment	1	1	2			5	3	4	1	2	3	2	4		1	2	2	1	1	2	3	2		2	44
other causal agent	9	5	4	2	1		1	3	1	1	1			1	3				3			3	15	3	56
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	7	158
unclassifiable		2	1	2				1							2						1				9
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Causal agents (small) of fatal and non-fatal accidents in other textile products in 1999-2022

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	2022	total
engine					1																				1
power transmission mechanism			16		3		3	6	6	3	2	6	3	4	4	5	4	1	8	7	3	6	4	2	96

circular sawing machine			1					1	1	1										2					6
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer			1																						1
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines			1		1															1					3
leveling, transporting or loading machine																									
excavating machine														1											1
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work							1													1					2
other construction machines																									
lathe			1														1			1		1			4
drill press, milling machine					1		2		1	1		1				1									7
grinding machine, buffing machine					1						1		1		1		2					1			7
power press														1	1	1	1			2					6
forging pressure hammer															1										1
shearing machine			2		2			1						2	1				1						9
other metal manufacturing machines			2		2			1	2		1		1					1				3	1		14
centrifugal machine			1		1		1	1																	4
mixer, grinder					2		1	1	1		1	1	1	1	1		1	1		1				1	14
roll machine (except printingroll machine)			18		13		10	14	9	17	11	10	12	8	6	17	12	10	15	15	7	9	4	17	234

injection molding machine							1								1										2
food manufacturing machine									1							1									2
printing machine			1		2		1			1	1	1				1							1		9
industrial robot																								1	1
other general power machines			91		95		79	79	62	72	60	50	46	56	47	46	38	49	40	55	51	35	32	40	1,123
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane			1		2		1		1	2	1		1	3		1		2		1	2	1	3		22
mobile crane										1			1					1							3
derrick crane																									
elevator, lift									1	3		1				1		1						1	8
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane					1		1		1											2		1			6
truck			3		2		8	4	5	3	2	4	2	2	2	3	1	1	4	1	2	4	4	5	62
forklift			7		6		7	10	10	2	3	5	2	1		7	3	2	4	4	6	5	3	3	90
railway equipment			1																						1
conveyor			3		10		5	1	3	2	4	2	1	4	8	6	3	3	2	3	1	2	1	3	67
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines					2			1	2								1		1	1				2	10
cars, bus, motorcycle			5		1		2	5	1	1			6	1	2	2	1	3	3	2			1		36
railway vehicle																									
other vehicles							1	1			1			1							2				6
boiler																									

pressure vessel			1											2			2	1							6
other pressure vessels							1																		1
chemical facilities					1																				1
gas welding equipment																									
arc welding equipment																					1	1			2
other welding equipment										1								1							2
kiln, caldron			1		1				1	1									1		1				6
industrial dryer			1				1																	1	3
other kiln, caldron																									
transmission					1		1																	1	3
electric power facilities											1														1
other electrical equipment								1																	1
human power cranes																		1				1			2
human power hauling equipment			12		9		3	8	4	4	2	8	9	4	4	7	4	4	4	4	7	6	3	5	111

human power machine			1										1												2
hand tool			13		9		7	8	9	6	3	2	3	7	3	1		4	2	1	1	6	4	6	95
ladder			18		16		6	9	8	13	10	5	6	7	10	5	11	7	5	11	4	10	6	6	173
slinging tool			1		1							1		1					1			1			6
other tools			10		8		9	15	7	8	14	7	6	6	7	8	4	5	7	4	9	8	6	3	151
other equipment, facilities			9		1		5	5	5	6	2	5	5	6	7	4	4	7	2	2	3	3	2	6	89
scaffolding										1							1					1	1		4
timbering																									
stairs, landing stage			11		7		7	10	7	6	5	6	2	5	3	5	2	2	7	7	2	10	5	4	113
opening			2				1	2		1		1				2		2	1		1				13
roof, beam, haze, crossbeam, principal rafter					5		2	1	1	1	1		1		1	1		2		1					17
working platform, boot board			8		9		5	7	11	6	4	10	4	9	9	3	7	6	3	5	3	2	6	10	127
passage			18		18		15	16	10	16	11	10	19	19	15	18	21	13	11	22	16	16	19	15	318
building, establishment			7		6		1	5	5	2	7	3	2	3	2	2	3		4	5	3	1	3	3	67
other temporary buildings,			5		5		1	1	2	3	3	1	2	2	3	5	1	2	6	2	1	1	2	2	50

establishments																									
explosive substance																									
inflammable substance					1		1						1	1											4
inflammable gas																									
harmful substance					4		1		1		1		1	6	7		2	1		2					26
radiation																									
other hazards, harmful substances			2		2		1		1							1	2			1					10
metal material			4		6		3	6	3	2	1		4	5	5	6	2	3	1	1	3	3	4	4	66
lumber, bamboo					2		2	1	1	1				1			1	1		1	1		1		13
stone, sand, substance					1			1													1				3
other materials			4		9		5	7	5	4	2	5	5	6	2	3	6	1	8	4	4	4	2	5	91
load			17		13		14	8	7	10	12	6	11	6	11	5	5	11	11	9	12	5	6	10	189
machine/equipment as load			1		1		1	2		2			1		1	1				2	2				14
natural ground, rock											1						1								2
standing tree								1			1														2
water			1										2												3
abnormal																									

environment																									
high/cold temperature environment							1		1								1	1		1					5
other environments			1				2	3		2	1	2	2		1	2			1	1	3	2		2	25
other causal agent			4		1		1	3	1	1	1			1	3				3			3	15	3	40
no causal agent			5		8		6	6	11	8	8	5	7	3	6	7	4	6	6	7	10	7	4	7	131
unclassifiable			1					1							2						1				5
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Workers age of fatal and non-fatal accidents in other textile products in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
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	2	79
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	27	592
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	19	730
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	36	993
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	33	1,522
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	51	1,100
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Workers' number of workplace of fatal and non-fatal accidents in other textile products in 1999-2022

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	2022	total
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	34	1,112
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	60	1,501
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	28	937
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	29	737
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	17	602
300 workers or more	16	4	9	3	3	3	3	2	4	4	11	8	8	2	10	6	6	6	5	5	2	5	2		127
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Month of fatal and non-fatal accidents in other textile products in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	30	28	22	43	21	21	24	22	14	17	14	13	20	18	24	15	16	15	15	19	15	13	11	10	460
February	28	24	29	34	20	24	18	25	16	22	18	13	11	13	14	13	8	12	13	17	18	19	12	12	433
March	31	27	32	24	20	24	18	22	15	21	19	14	27	18	14	13	5	15	17	21	12	15	11	16	451
April	23	20	29	32	31	18	15	20	15	24	17	16	8	16	15	18	10	11	6	11	9	19	11	12	406
May	28	28	25	31	23	16	24	25	22	17	17	9	11	16	19	10	15	12	15	11	13	5	11	15	418
June	29	11	29	19	26	21	23	19	19	15	15	8	13	28	16	17	7	23	19	19	11	12	13	17	429

July	23	22	36	22	34	15	21	19	17	15	15	13	16	11	15	11	18	16	13	17	16	9	12	17	423
August	27	34	23	19	14	19	12	27	18	20	14	15	16	12	6	17	16	14	14	14	7	10	19	12	399
September	28	16	25	25	21	23	15	19	20	15	11	16	11	10	10	23	13	10	11	16	18	12	16	16	400
October	24	27	20	25	22	20	17	15	18	20	10	8	11	10	18	19	12	8	13	15	14	14	9	12	381
November	28	21	24	27	27	16	20	15	15	13	14	20	16	10	11	11	13	11	14	11	14	12	6	18	387
December	26	24	19	26	34	14	20	25	19	15	15	13	11	23	15	11	19	9	12	21	16	19	12	11	429
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Prefecture of fatal and non-fatal accidents in other textile products in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	2	6	5		3		3	3	2	3	6	4	1	1	4	8	2	9	2	2	5	5	3	2	81
Aomori								1					1					1							3
Iwate		3	1				1	1					1			3	1	1	2	3	4	1	2	2	26
Miyagi	3				1		1	1			2		1	1		1	3	3	1	3	2	3	2	5	33
Akita														1		1								1	3
Yamagata	1	1	3				1	1	1		1						1	1	1	2	1		1	1	17
Fukushima		1	1		2		1	2	1		2			2	1	1		1	2						17
Ibaraki	2	2	6		2		4	3	2	3	3	3	2	1	1	2	1	1	5	5	6	3	1	4	62
Tochigi	7	4	2		4		1	6	5	5	1	5		7	4	2	2	2	2	3	5	1	4	2	74
Gunma	4	3	6		7		2	3	2	2	2	3	2	3	1		3	1	2		2	4	1	1	54

Saitama	12	5	8		8		14	9	12	8		2	1	9	8	6	5	9	5	6	5	6	3	10	151
Chiba	3	1			1		3	2	4	2	2	2	3	2	1	2	1	2	2	3	1	4	1	3	45
Tokyo	6	4	4		3		1	5		2	2			1	4	1	1	1	1	2	3	2	1		44
Kanagawa	3	2	3		1		1	1	1	1	1	1	2	2	3	2	4	1		3		3	1	1	37
Niigata	12	4	6		5		4	3	2	4	5	2	9	2	2	3	3	2	7	4	6	2	9	2	98
Toyama	11	5	6		8		5	3	5	4	2	5	5	6	2	4	3		3	5	3	1	4	2	92
Ishikawa	17	8	7		11		11	12	9	17	6	4	4	8	4	6	13	9	13	7	13	10	8	13	210
Fukui	7	17	16		6		5	9	4	13	4	6	11	8	15	6	10	14	8	16	6	13	5	7	206
Yamanashi	2	1											2	1				1		1			1	1	10
Nagano	3		2					1		1	1						1	1				1		1	12
Gifu	8	7	8		10		7	7	6	14	3	9	10	6	10	7	3		7	14	3	10	6	5	160
Shizuoka	19	15	13		18		13	21	12	12	8	3	5	10	10	7	6	10	8	10	5	3	4	6	218
Aichi	55	45	62		45		46	41	32	30	32	30	23	36	39	26	29	18	14	29	19	17	11	21	700
Mie	8	7	10		4		8	4	9	5	7	4	1	2		5	4		2		3	2		2	87
Shiga	9	9	12		22		5	10	7	11	7	8	11	10	10	11	9	3	7	13	11	6	18	10	219
Kyoto	9	15	10		7		5	6	5	7	7	5	4	3	2	3	3	4	3	4	1		2	5	110
Osaka	50	51	43		58		27	38	33	25	25	24	22	16	17	28	14	17	12	21	15	15	13	20	584
Hyogo	13	13	12		6		6	8	7	5	6	4	8	6	7	5	3	5	8	2	7	4	5	4	144
Nara	6	8	5		4		4	4	2		6	3	2	2		2	4	2	1		2	2	6	4	69
Wakayama	8	7	10		8		10	10	3	6	3	5	3	2	4	6	2	5	7	3	4	4	5	3	118
Tottori									1			1		1				1	2	1	1	1			9

Shimane	1	3			1		1	1	2	3				1	1	1	1		2	1	1		1	1	22
Okayama	6	3	7		7		4	13	12	9	5	3	6	6	7	6	6	7	11	5	3	5	7	7	145
Hiroshima	5	11	7		9		5	4	4	3	3	4	4	3	4	1	2	7	7	4	8	3	2	7	107
Yamaguchi	2	3	1		1			2	1	3	2	2		5	2	3		2	3	1	1	1	1	2	38
Tokushima	4		5				1		1					2		1			1	1			1		17
Kagawa	1	2	7		2		1	1	4		1	5	5	3	2	4		2		3		3	1	1	48
Ehime	5	5	9		7		5	5	7	8	7	3	4	6	6	4	3	4	3	7	2	4	4	1	109
Kochi		1	4		2		3	2		3	3	1	4	1	2	2				3	4	3	1		39
Fukuoka	3	4	3		6		8	2	4	1	3	2	6	3		1	3		1	2	2	9	2	5	70
Saga	2				2				1			2	4	1	2	1	1	2			2		1	1	22
Nagasaki	4	2	1					1			2			1			1	1	2		1	1		2	19
Kumamoto	1				6		1	1	1	1	4	1	2	2	1	5	4	1	3	2	3	5	3	1	48
Oita	1		6				1				1		1									1			11
Miyazaki	5	2	1		1		2	2		1	1	2		2				1			2		1		23
Kagoshima	4	2	1		5		6	4	3	2	3		1		1	1		4	2	1	1		1	2	44
Okinawa	1								1													1			3
total	325	282	313	327	293	231	227	253	208	214	179	158	171	185	177	178	152	156	162	192	163	159	143	168	5,016

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

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.html (MHLW, Japan)

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Fatal accidents in other textile products in Japan in 1999-2022

other textile products industry Code No.010209

Type of fatal accidents in other textile products in 1999-2022

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	2022	total
fall from height					1				1		1			1				1							5
falling to same level																									
crash																									
struck by flying or falling object								1																	1
collapse																									
crashed by																									
caught in/between	1	3						1	1				1	1	1	1				1		1			12
cut																									
injury to the sole of the foot																									

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

Causal agents (large) of fatal accidents in other textile products in 1999-2022

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	2022	total
machine	1	3						1	1				1	1	1	1				1		1			12
crane, conveying machine						1		1																	2
other equipment	1		1				1		1		1			1											6
temporary buildings, establishments					1													1							2
substance, material																									
load																									
environment													2												2
others																									
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

Causal agents (middle) of fatal accidents in other textile products in 1999-2022

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	2022	total
engine																									
power transmission mechanism															1										1

woodworking machine																									
construction machine																									
metal manufacturing machine																									
general machine	1	3						1	1				1	1		1				1		1			11
mobile silviculture machine																									
crane								1																	1
conveying machine																									
vehicle						1																			1
pressure vessel	1		1																						2
chemical facilities																									
welding equipment																									
kiln, caldron							1																		1
electric equipment																									
human power machine, tools																									
tools									1		1														2
other equipments,																									

facilities														1											1
temporary buildings, establishments					1													1							2
hazards, harmful substances																									
materials																									
load																									
natural environment													2												2
other causal agent																									
no causal agent																									
unclassifiable																									
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

Causal agents (small) of fatal accidents in other textile products in 1999-2022

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	2022	total
engine																									
power transmission mechanism															1										1

circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines																									
leveling, transporting or loading machine																									
excavating machine																									
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine								1																	1
mixer, grinder																									
roll machine (except printingroll machine)														1								1			2

injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines	1	3							1				1			1				1					8
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane																									
derrick crane																									
elevator, lift								1																	1
cargo lifting appliance																									
gondola																									

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

pressure vessel	1		1																						2
other pressure vessels																									
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer							1																		1
other kiln, caldron																									
transmission																									
electric power facilities																									
other electrical equipment																									
human power cranes																									
human power hauling equipment																									

human power machine																									
hand tool																									
ladder									1		1														2
slinging tool																									
other tools																									
other equipment, facilities														1											1
scaffolding																									
timbering																									
stairs, landing stage																									
opening																		1							1
roof, beam, haze, crossbeam, principal rafter																									
working platform, boot board																									
passage																									
building, establishment					1																				1
other temporary buildings,																									

establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances																									
metal material																									
lumber, bamboo																									
stone, sand, substance																									
other materials																									
load																									
machine/equipment as load																									
natural ground, rock																									
standing tree																									
water													2												2
abnormal																									

environment																									
high/cold temperature environment																									
other environments																									
other causal agent																									
no causal agent																									
unclassifiable																									
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

Workers age of fatal accidents in other textile products in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less																									
20-29		2																							2
30-39		1																							1
40-49	1						1	1																	3
50-59	1		1		1			1					1	1								1			7
60 years old or more						1			2		1		2	1	1	1		1		1					11
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

Workers' number of workplace of fatal accidents in other textile products in 1999-2022

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	2022	total
9 workers or less		1			1			1	1		1		1							1					7
10-29	1	1					1	1	1				2			1		1							9
30-49		1													1										2
50-99						1								2								1			4
100-299																									
300 workers or more	1		1																						2
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

Month of fatal accidents in other textile products in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January													1							1					2
February		1																							1
March		2							1				2	1				1							7
April	1																								1
May																									
June			1																						1

July	1																								1
August							1							1											2
September								1	1							1									3
October					1	1																			2
November								1							1										2
December											1											1			2
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

Prefecture of fatal accidents in other textile products in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido																									
Aomori																									
Iwate													1												1
Miyagi													1					1							2
Akita																									
Yamagata																									
Fukushima																									
Ibaraki																									
Tochigi																									
Gunma																									

Saitama							1																		1
Chiba																									
Tokyo																									
Kanagawa																									
Niigata																									
Toyama																									
Ishikawa								1																	1
Fukui																									
Yamanashi													1												1
Nagano																									
Gifu																									
Shizuoka		1							1		1														3
Aichi	1													1	1					1					4
Mie																									
Shiga	1		1											1								1			4
Kyoto																									
Osaka		1			1				1																3
Hyogo																									
Nara						1																			1
Wakayama																1									1
Tottori																									

Shimane																									
Okayama								1																	1
Hiroshima																									
Yamaguchi																									
Tokushima																									
Kagawa																									
Ehime		1																							1
Kochi																									
Fukuoka																									
Saga																									
Nagasaki																									
Kumamoto																									
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									
total	2	3	1		1	1	1	2	2		1		3	2	1	1		1		1		1			24

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

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