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

textile products industry Code No.0102

Type of accidents in 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	92	89	92	71	73	77	65	74	64	72	55	50	36	37	47	48	53	33	39	43	48	39	41	38	1,376
falling to same level	129	104	107	117	99	77	86	91	77	61	70	62	77	75	81	62	77	63	68	79	66	57	52	64	1,901
crash	44	37	38	37	27	25	22	22	19	22	15	18	10	17	10	23	12	10	10	14	19	15	6	13	485
struck by flying or falling object	46	43	29	29	31	20	24	33	18	21	14	13	17	22	9	12	12	18	13	10	12	12	18	18	494
collapse	9	6	5	5	5	6	3	4	3	3	4	3	3	6	3	3	3	7	5	2	4	4	2	1	99
crashed by	27	28	22	22	20	11	17	15	15	13	15	10	3	12	7	13	8	8	14	16	9	10	7	9	331
caught in/between	350	299	295	267	241	204	189	192	147	163	145	118	132	126	132	133	107	118	133	128	107	85	85	104	4,000
cut	60	64	57	47	52	33	36	40	31	20	24	15	16	26	20	13	16	18	18	16	23	17	20	34	716
injury to the sole of the foot	1	1	1	2			1	2				1			1	1			2	1	1				15
drown		1											1												2
contact to high/low-	22	30	29	17	16	16	24	11	8	10	9	14	8	10	10	6	7	15	16	8	13	6	9	11	325

temperature																									
contact to harmful substance	11	11	9	10	13	8	5	3	4	3	8	2	4	7	10	3	7	7	1	3	2	5	4	4	144
electric shock	2	1	1	1			2		1			1								1					10
explosion						1	1															1			3
burst	1		1																					1	3
fire	2	1	1	1	1	1	1							1			1				7				17
traffic accident (public road)	4	6	6	4	7	4	4	7	1	5	1	3	9	1	2	3	2	3	2	4		2		1	81
traffic accident (others)						1													1						2
reaction to motion/improper motion	57	37	46	57	37	44	41	42	43	32	26	24	28	22	28	24	23	27	35	33	37	26	26	21	816
others	2	1	1		2	3	3	1	2	1	1		1				2	2	1	1		3	16	4	47
unclassifiable	1		4	1		1	1								1			1							10
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Causal agents (large) of fatal and non-fatal accidents in 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	384	323	312	309	267	215	210	211	160	166	161	145	131	142	129	131	121	117	136	136	120	89	93	110	4,318

crane, conveying machine	52	58	47	47	49	40	47	32	41	36	23	17	25	22	22	35	18	27	27	26	20	18	17	23	769
other equipment	150	153	153	102	115	88	99	103	86	85	72	67	65	68	70	56	65	65	60	63	64	60	52	74	2,035
temporary buildings, establishments	128	107	120	120	108	92	92	99	77	79	69	63	55	69	73	70	75	68	72	80	64	65	60	60	1,965
substance, material	56	42	34	39	38	43	29	32	21	19	21	15	23	29	25	17	24	17	17	17	18	17	19	19	631
load	56	48	41	45	31	23	31	31	22	20	25	11	21	19	19	14	11	19	20	16	26	10	13	14	586
environment	5	5	6	2	3	10	5	9	2	5	3	5	9	2	2	9	3	2	4	6	6	4	4	6	117
others	29	23	31	24	13	21	12	20	24	16	13	11	16	11	21	12	13	15	22	15	30	19	28	17	456
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Causal agents (middle) of fatal and non-fatal accidents in 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	1								1					1					1	6
power transmission mechanism	28	16	29	15	15	10	10	12	11	6	8	9	7	6	6	9	9	3	15	12	5	8	10	5	264
woodworking machine	4	2	5	2	1	1		1	1	1	2					1		1		3			1		26

construction machine	1						1							1					1	1					5
metal manufacturing machine	19	11	10	8	8	8	5	5	3	1	2	2	2	4	4	4	4	2	1	4		6	2	2	117
general machine	332	293	268	284	242	195	194	193	145	158	149	134	122	130	119	117	108	111	118	116	115	75	80	102	3,900
mobile silviculture machine																									
crane	8	6	6	10	9	8	7	1	4	9	4	1	5	4	2	4	1	10	4	5	3	3	3	1	118
conveying machine	40	45	36	30	35	28	37	25	36	22	16	14	12	15	18	27	15	14	20	16	15	13	13	21	563
vehicle	4	7	5	7	5	4	3	6	1	5	3	2	8	3	2	4	2	3	3	5	2	2	1	1	88
pressure vessel	13	12	14	6	7	4	5	3	2	4	3	6	1	4		1	4	2	6	1	2	5	5	1	111
chemical facilities		2		1	1						2														6
welding equipment		1			1					1								1			1	1			6
kiln, caldron	6	1	4	2	2	2	3	2	1	2	1				3	1		3	2	1	2		1	2	41
electric equipment	3	1	2		1	3	4	1	2		2	1		1						1				2	24
human power machine, tools	55	59	50	36	40	31	35	31	23	20	15	20	17	23	18	21	17	13	19	14	21	20	13	27	638
tools	57	61	65	45	53	38	42	53	47	44	43	30	37	28	34	25	37	29	26	37	31	29	28	25	944
other equipments,	16	16	18	12	10	10	10	13	11	14	6	10	10	12	15	8	7	17	7	9	7	5	5	17	265

facilities																									
temporary buildings, establishments	128	107	120	120	108	92	92	99	77	79	69	63	55	69	73	70	75	68	72	80	64	65	60	60	1,965
hazards, harmful substances	14	13	13	11	11	15	11	5	4	4	9	4	6	10	12	4	7	7	1	4	2	5	4	4	180
materials	42	29	21	28	27	28	18	27	17	15	12	11	17	19	13	13	17	10	16	13	16	12	15	15	451
load	56	48	41	45	31	23	31	31	22	20	25	11	21	19	19	14	11	19	20	16	26	10	13	14	586
natural environment	5	5	6	2	3	10	5	9	2	5	3	5	9	2	2	9	3	2	4	6	6	4	4	6	117
other causal agent	12	10	12	6	1	4	1	5	5	4	2		1	2	4	1	3	3	3		3	6	16	4	108
no causal agent	14	10	15	16	12	17	10	13	19	12	11	11	15	9	14	11	10	12	19	15	19	13	12	13	322
unclassifiable	3	3	4	2			1	2							3						8				26
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Causal agents (small) of fatal and non-fatal accidents in 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					1					1	4
power transmission mechanism			29		15		10	12	11	6	8	9	7	6	6	9	9	3	15	12	5	8	10	5	195
circular sawing			3					1	1	1	2									2			1		11

machine																									
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		1		1					5
leveling, transporting or loading machine																									
excavating machine														1											1
foundation work machine																									
hardening machine																			1						1
demolition machine																									

vehicle for high lift work							1													1					2
other construction machines																									
lathe			1				1										1			1		2			6
drill press, milling machine					1		3		1	1		1				1									8
grinding machine, buffing machine			1		2						1		1		1		2	1				1			10
power press			1		1			2						1	1	2	1			2					11
forging pressure hammer															1										1
shearing machine			3		2			1						3	1				1	1			1		13
other metal manufacturing machines			4		2		1	2	2		1	1	1			1		1				3	1	2	22
centrifugal machine			1		1		2	1				1									1			2	9
mixer, grinder			2		2		1	1	1		1	1	1	2	1		3	1	1	1	1			2	22
roll machine (except printingroll machine)			52		40		34	33	24	32	24	30	25	26	32	30	27	24	28	32	17	17	16	27	570
injection molding																									

machine							1								2										3
food manufacturing machine									1							1									2
printing machine			1		4		2	2		1	1	2				1			3				2		19
industrial robot																							1	1	2
other general power machines			212		195		154	156	119	125	123	100	96	102	84	85	78	86	86	83	96	58	61	70	2,169
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane			2		4		4		1	3	1		3	3	1	2		7	2	3	3	2	3		44
mobile crane										1			1					1							3
derrick crane																									
elevator, lift			3		4		2	1	1	3	3	1		1	1	2	1	1	1					1	26
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane			1		1		1		2	2			1					1	1	2		1			13
truck			10		5		12	7	7	4	4	4	6	4	4	3	2	1	6	2	3	4	6	8	102
forklift			15		11		16	14	19	10	4	7	4	4	5	9	8	5	11	9	8	6	4	6	175
railway equipment			1																		1				2
conveyor			7		14		8	3	6	5	7	2	2	7	8	12	3	6	2	4	1	3	1	5	106
loader			1													1									2
straddle carrier																									
rough terrain hauler																									
other powered conveying machines			2		5		1	1	4	3	1	1			1	2	2	2	1	1	2		2	2	33
cars, bus, motorcycle			5		5		2	5	1	5	2	2	8	2	2	4	2	3	3	5		2	1	1	60
railway vehicle																									
other vehicles							1	1			1			1							2				6
boiler												1							1						2
pressure vessel			14		6		4	2	2	4	3	5	1	4		1	4	2	5	1	2	5	5	1	71

other pressure vessels					1		1	1																	3
chemical facilities					1						2														3
gas welding equipment																									
arc welding equipment					1																1	1			3
other welding equipment										1								1							2
kiln, caldron			3		1		1	2	1	1					1			2	2		1		1		16
industrial dryer			1		1		2			1	1				2	1					1			2	12
other kiln, caldron																		1		1					2
transmission			1		1		2																	1	5
electric power facilities									1		1			1											3
other electrical equipment			1				2	1	1		1	1								1				1	9
human power cranes			1				1					1						1				1		2	7
human power hauling equipment			23		23		19	19	8	11	8	16	12	14	13	16	14	8	16	10	15	11	4	11	271
human power			2		1		1		1				1		1		1					1			9

machine																									
hand tool			24		16		14	12	14	9	7	3	4	9	4	5	2	4	3	4	6	7	9	14	170
ladder			42		33		20	28	28	32	20	14	22	15	22	13	25	17	11	25	12	15	17	17	428
slinging tool			1		1		1	1		1	2	2		1		1			2		1	1			15
other tools			22		19		21	24	19	11	21	14	15	12	12	11	12	12	13	12	18	13	11	8	300
other equipment, facilities			18		10		10	13	11	14	6	10	10	12	15	8	7	17	7	9	7	5	5	17	211
scaffolding					1					1		1		1	1	1	1				1	2	1		11
timbering																									
stairs, landing stage			19		15		20	26	17	10	13	12	4	11	12	13	8	5	18	12	10	16	6	12	259
opening			4		1		1	2		1		3			1	5		2	1	1	1				23
roof, beam, haze, crossbeam, principal rafter			1		7		4	1	1	2	2	2	1	1	4	1	2	2	1	2		1			35
working platform, boot board			17		24		17	18	17	18	11	13	12	14	17	9	15	16	13	10	12	7	8	14	282
passage			52		39		36	41	26	35	28	20	32	32	30	28	43	35	26	40	34	30	32	27	666
building, establishment			15		11		8	6	8	6	10	8	3	5	4	5	4	3	6	9	5	5	9	4	134
other temporary buildings, establishments			12		10		6	5	8	6	5	4	3	5	4	8	2	5	7	6	1	4	4	3	108

explosive substance							1																		1
inflammable substance					1		1				1	1	1	1				1							7
inflammable gas																									
harmful substance			8		8		4	4	1		4	1	2	7	8	2	4	3		2		1	1	1	61
radiation																									
other hazards, harmful substances			5		2		5	1	3	4	4	2	3	2	4	2	3	3	1	2	2	4	3	3	58
metal material			10		8		4	10	7	4	8	2	6	9	5	7	4	4	4	4	6	7	8	5	122
lumber, bamboo					4		3	1	2	1				1	1		1	2		3	1	1	2	1	24
stone, sand, substance					1			1													1				3
other materials			11		14		11	15	8	10	4	9	11	9	7	6	12	4	12	6	8	4	5	9	175
load			38		29		28	27	21	16	25	11	19	18	18	13	11	18	18	14	23	10	13	14	384
machine/equipment as load			3		2		3	4	1	4			2	1	1	1		1	2	2	3				30
natural ground, rock											1						1								2
standing tree								2			1											1			4
water			1				1	2					2				1	1	1						9
abnormal environment																1									1

high/cold temperature environment			3		2		1	1	1	2		2	1		1	4	1	1	1	3	3	1	3	2	33
other environments			2		1		3	4	1	3	1	3	6	2	1	4			2	3	3	2	1	4	46
other causal agent			12		1		1	5	5	4	2		1	2	4	1	3	3	3		3	6	16	4	76
no causal agent			15		12		10	13	19	12	11	11	15	9	14	11	10	12	19	15	19	13	12	13	265
unclassifiable			4				1	2							3						8				18
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Workers age of fatal and non-fatal accidents in 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	22	21	14	15	10	8	9	4	13	8	2	7	3	6	8	5	4	8	4	5	7	5	4	5	197
20-29	89	79	84	87	65	56	55	52	50	47	39	38	34	39	37	48	40	47	46	47	38	31	44	47	1,239
30-39	94	94	83	85	90	94	69	88	58	76	67	62	63	53	54	46	50	37	62	53	59	42	38	39	1,556
40-49	149	139	125	134	91	79	85	82	62	71	75	48	57	61	72	62	86	66	66	77	82	64	72	71	1,976
50-59	352	313	310	264	245	206	195	199	142	137	99	85	101	82	92	77	62	90	77	74	64	58	78	64	3,466
60 years old or more	154	113	128	103	123	89	112	112	108	87	105	94	87	121	98	106	88	82	103	103	98	82	50	97	2,443
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Workers' number of workplace of fatal and non-fatal accidents in 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	151	156	152	142	142	126	104	122	81	75	90	64	66	75	60	72	59	38	67	53	54	34	31	51	2,065
10-29	278	220	249	218	175	146	162	155	129	112	98	92	89	110	94	90	96	99	87	88	108	74	81	106	3,156
30-49	139	117	133	118	113	85	85	84	80	74	64	62	64	66	80	59	65	64	54	66	61	55	61	55	1,904
50-99	127	122	95	104	101	85	81	84	61	62	54	61	65	68	58	62	56	65	62	86	70	64	57	63	1,813
100-299	131	127	96	97	89	79	87	83	76	95	65	45	53	41	59	54	43	55	82	57	50	49	51	46	1,710
300 workers or more	34	17	19	9	4	11	6	9	6	8	16	10	8	2	10	7	11	9	6	9	5	6	5	2	229
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Month of fatal and non-fatal accidents in 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	69	58	65	67	52	50	46	53	31	33	33	33	37	34	37	37	30	26	35	28	32	22	27	20	955
February	76	75	59	63	45	50	48	55	33	45	42	24	25	25	24	27	27	23	32	30	39	32	23	26	948
March	80	77	68	52	35	48	44	44	30	44	26	28	47	37	20	22	26	35	42	39	29	31	25	29	958
April	72	68	61	71	54	39	38	46	37	46	31	33	20	34	39	31	24	24	30	24	23	33	15	23	916
May	77	61	68	58	62	38	41	40	39	29	35	21	20	33	42	21	27	25	25	32	25	15	27	33	894
June	81	50	80	54	53	44	53	49	41	33	38	22	28	38	29	30	21	38	32	28	31	21	25	25	944
July	67	51	72	46	67	53	44	40	33	32	31	32	33	29	39	27	36	35	26	33	29	14	28	30	927

August	68	69	59	45	41	48	39	50	41	29	33	30	25	27	23	29	27	25	31	27	20	16	36	24	862
September	78	55	61	54	44	44	38	41	35	28	28	26	24	20	29	37	29	25	23	29	28	23	27	23	849
October	64	77	56	60	56	51	39	38	41	42	26	26	25	22	33	32	26	22	27	30	28	26	20	34	901
November	67	57	53	56	58	31	42	37	35	35	34	36	35	21	20	26	22	32	35	21	29	23	12	34	851
December	61	61	42	62	57	36	53	44	37	30	30	23	26	42	26	25	35	20	20	38	35	26	21	22	872
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

Prefecture of fatal and non-fatal accidents in 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		4		3	3	2	3	6	4	1	1	4	8	2	10	3	2	5	5	5	2	86
Aomori								1					1					1							3
Iwate	1	3	1				1	1					1			3	2	2	2	4	4	1	2	3	31
Miyagi	5	2			2		1	2			3		3	1		1	3	3	1	4	3	3	2	6	45
Akita		1					1							1		1						1		1	6
Yamagata	6	5	9		2		4	4	3	3	2		2	2	2	2	3	2	1	3	2	1	6	2	66
Fukushima	2	2	4		2		3	5	4	2	2			4	1	2	1	1	3					1	39
Ibaraki	2	3	10		3		6	5	3	3	3	3	2	1	1	2	1	1	5	6	6	3	1	4	74
Tochigi	12	11	7		7		4	6	8	8	3	6	2	8	6	2	3	6	2	5	7	3	7	4	127
Gunma	13	13	12		15		3	5	3	4	4	6	6	9	2	3	10	3	6	1	3	5	1	1	128
Saitama	16	12	10		13		18	11	14	9	7	5	1	12	15	8	6	14	7	8	7	7	6	13	219

Chiba	3	1	1		1		3	3	4	2	2	2	3	2	1	2	1	3	2	3	1	4	2	3	49
Tokyo	8	6	8		5		8	8	2	3	5	1		2	6	6	2	3	2	5	5	2	2	3	92
Kanagawa	5	4	4		3		2	1	2	2	5	1	5	3	3	3	5	2	1	5		3	2	2	63
Niigata	24	22	20		15		13	8	9	11	14	11	14	8	5	9	10	10	11	15	9	14	12	6	270
Toyama	17	10	12		10		14	6	8	6	7	9	14	10	7	8	3	3	6	6	9	8	7	7	187
Ishikawa	32	32	29		31		31	36	19	30	19	19	13	19	14	24	28	20	31	24	24	21	15	28	539
Fukui	56	57	48		33		39	37	31	39	27	28	33	28	29	29	34	37	37	36	38	21	26	29	772
Yamanashi	3	4	3		1		1	3	2		1		2	1				2		1			1	2	27
Nagano	6	3	2					1	1	2	1	1	1			1	2	1	1		1	1		3	28
Gifu	42	34	20		24		14	19	19	23	12	14	17	13	19	13	5	8	17	20	11	17	12	11	384
Shizuoka	43	28	28		31		24	28	20	17	14	11	10	13	16	9	12	14	12	18	7	5	7	13	380
Aichi	150	98	118		90		95	78	64	64	57	61	45	59	76	40	53	32	31	57	32	38	33	35	1,406
Mie	15	12	18		9		10	5	11	5	10	6	2	3		7	5	1	4	2	8	3	3	5	144
Shiga	24	23	21		32		12	16	16	19	10	11	14	15	15	15	15	7	17	22	17	10	25	12	368
Kyoto	52	43	43		32		33	34	19	27	29	12	11	16	13	12	20	11	22	9	19	7	11	16	491
Osaka	107	124	113		106		59	80	66	55	56	49	46	46	41	47	28	43	38	38	43	24	31	37	1,277
Hyogo	35	31	29		15		12	13	10	6	10	8	15	10	12	9	7	13	12	5	11	5	7	7	282
Nara	14	14	16		7		8	8	5	1	7	3	4	8	6	3	4	3	5	3	6	4	9	4	142
Wakayama	37	35	30		28		26	22	8	14	12	11	14	5	13	15	11	11	16	5	10	8	6	9	346
Tottori	1						1		1	1		1	1	3				1	2	2	1	1			16
Shimane	3	8	2		2		1	3	4	5	1			2	2	1	1	1	2	2	1	2	2	1	46

Okayama	19	20	26		18		18	22	19	17	14	8	11	9	9	11	15	14	14	7	10	7	10	11	309
Hiroshima	18	18	19		16		10	11	14	8	5	8	10	5	6	6	6	8	13	6	11	4	8	10	220
Yamaguchi	3	4	2		1			2	1	3	2	2		5	2	3		2	3	1	1	2	1	2	42
Tokushima	5	2	8		1		2	1	1	1		2		3		1			1	1	1		1	1	32
Kagawa	2	3	8		2		2	3	4	2	1	5	6	3	2	5		3	1	4	2	3	1	2	64
Ehime	36	31	28		24		14	19	17	15	14	14	15	10	14	13	13	14	13	12	8	10	8	13	355
Kochi		4	4		2		4	2		3	3	1	4	1	3	2				3	4	3	1		44
Fukuoka	10	7	6		12		11	6	7	5	8	3	7	5	6	2	4	2	2	3	3	14	3	5	131
Saga	3	4	2		4		1	3	3	2		2	4	1	2	1	2	2			2		1	1	40
Nagasaki	5	3	2				1	1	1		2			4			3	3	2	1	3	2	2	3	38
Kumamoto	3	2	4		8		2	5	2	2	4	2	2	3	2	7	7	4	4	6	6	6	3	1	85
Oita	2	2	6		3		1	1			1	1	1		1	3				1		2	1		26
Miyazaki	8	6	4		4		2	3		1	1	2	1	7	3	4	2	3	3	2	6	1	2	2	67
Kagoshima	9	6	2		6		7	6	5	3	3	1	1		1	1	1	6	3	1	1		1	2	66
Okinawa	1								1					1	1							1			5
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282	286	323	10,877

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 textile products in Japan in 1999-2022

textile products industry Code No.0102

Type of fatal accidents in 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		1			1	1			2							10
falling to same level							1											1							2
crash																									
struck by flying or falling object								1																	1
collapse																									
crashed by		1																							1
caught in/between	1	5	1	1		2	2	1	2	1	2		2	2	1	1		1	1	1	1	1	1		30
cut																									
injury to the sole of the foot																									
drown													1												1

contact to high/low-temperature	1						1																		2
contact to harmful substance				4																					4
electric shock																									
explosion																									
burst			1																						1
fire				1													1				4				6
traffic accident (public road)			1			1																			2
traffic accident (others)																									
reaction to motion/improper motion																									
others						1							1												2
unclassifiable																									
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Causal agents (large) of fatal accidents in 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	5	1			1		1	1		2		2	2	1	1			1	1	1	1	1		23
crane, conveying machine		2	1	1		2	3	1	1	1					1			1							14
other equipment	1		1				1		1		1			1				1							7
temporary buildings, establishments	1			1	1													2							5
substance, material				5		1											1								7
load																									
environment													2												2
others																					4				4
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Causal agents (middle) of fatal accidents in 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										2
woodworking machine																									
construction machine																									

metal manufacturing machine																									
general machine	1	5	1					1	1		2		2	2		1			1	1	1	1	1		21
mobile silviculture machine																									
crane								1							1			1							3
conveying machine		1	1	1		1	3		1	1															9
vehicle		1				1																			2
pressure vessel	1		1																						2
chemical facilities																									
welding equipment																									
kiln, caldron							1																		1
electric equipment																									
human power machine, tools																									
tools									1		1							1							3
other equipments, facilities														1											1
temporary buildings, establishments	1			1	1													2							5
hazards, harmful substances				4																					4

materials				1		1											1								3
load																									
natural environment													2												2
other causal agent																									
no causal agent																									
unclassifiable																					4				4
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Causal agents (small) of fatal accidents in 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										2
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			1	1		4
injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines	1	5	1						1		2		2	1		1				1	1				16
felling machine																									
mobile logging																									

machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																		1							1
mobile crane																									
derrick crane																									
elevator, lift								1							1										2
cargo lifting appliance																									
gondola																									
lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck			1																						1
forklift		1		1			2		1	1															6
railway equipment																									
conveyor						1	1																		2

loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines																									
cars, bus, motorcycle		1				1																			2
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							1							3
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																		1							1
building, establishment	1			1	1																				3
other temporary buildings, establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance				4																					4
radiation																									
other hazards, harmful substances																									
metal material																									
lumber, bamboo																									
stone, sand, substance																									

other materials				1		1											1								3
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																					4				4
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Workers age of fatal accidents in 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		1											1												2

20-29		2				1															2				5
30-39		1					1																1		3
40-49	1			2			1	1		1	1														7
50-59	1	3	2	5	1	1	2	1	1		1		1	1			1	1	1		2	1			26
60 years old or more	1		1			2			2		1		2	2	2	1		3		1	1				19
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Workers' number of workplace of fatal accidents in 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		2	1	1		1	1		1		1							1					11
10-29	1	1	1	1			4	1	2		1		2			1		2			1				18
30-49		2	1										1	1	2		1		1				1		10
50-99				1		2				1				2				2			3	1			12
100-299		2		3		1																			6
300 workers or more	1	1	1								1										1				5
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Month of fatal accidents in 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						1	1	1				5

February		2									2			1											5
March		2		1					1	1			2	1			1	1					1		11
April	1		1	1		2	1											1							7
May						1												1							2
June		1	1	4																	4				10
July	1																								1
August	1	1					1							1											4
September			1				1	1	1						1	1									6
October					1	1																			2
November				1			1	1							1			1							5
December									1		1		1									1			4
total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

Prefecture of fatal accidents in 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			1														3
Fukui		2													1			1			5				9
Yamanashi				1									1												2
Nagano																									
Gifu	1																								1
Shizuoka		1				1			1		1														4
Aichi	1										1			2	1			1		1			1		8
Mie																									
Shiga	1	1	1										1	1								1			6
Kyoto																			1						1

Osaka		2			1	1	2		2								1	1							10
Hyogo																									
Nara						1																			1
Wakayama						1	1									1									3
Tottori																									
Shimane																									
Okayama			1					1																	2
Hiroshima																									
Yamaguchi																									
Tokushima																									
Kagawa																									
Ehime		1	1	1																					3
Kochi																									
Fukuoka				4																					4
Saga										1															1
Nagasaki																									
Kumamoto																									
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									

total	3	7	3	7	1	4	4	2	3	1	3		4	3	2	1	1	4	1	1	5	1	1		62

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

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