

Industrial accidents in textile products in Japan in 1999-2020

textile products industry Code No.0102

Type of accidents in textile products in 1999-2020

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
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
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
crash	44	37	38	37	27	25	22	22	19	22	15	18	10	17	10	23	12	10	10	14	19	15
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
collapse	9	6	5	5	5	6	3	4	3	3	4	3	3	6	3	3	3	7	5	2	4	4
crashed by	27	28	22	22	20	11	17	15	15	13	15	10	3	12	7	13	8	8	14	16	9	10
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
cut	60	64	57	47	52	33	36	40	31	20	24	15	16	26	20	13	16	18	18	16	23	17
injury to the sole of the foot	1	1	1	2	0	-	1	2	0	0	0	1	0	0	1	1	0	0	2	1	1	0
drown	0	1	0	-	0	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	22	30	29	17	16	16	24	11	8	10	9	14	8	10	10	6	7	15	16	8	13	6
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
electric shock	2	1	1	1	0	-	2	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0
explosion	0	0	0	-	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
burst	1	0	1	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	2	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	7	0
traffic accident (public road)	4	6	6	4	7	4	4	7	1	5	1	3	9	1	2	3	2	3	2	4	0	2
traffic accident (others)	0	0	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
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
others	2	1	1	-	2	3	3	1	2	1	1	0	1	0	0	0	2	2	1	1	0	3

unclassifiable	1	0	4	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282

Causal agents (middle) of industrial accidents in textile products in 1999-2020

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
engine	0	1	0	-	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
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
woodworking machine	4	2	5	2	1	1	0	1	1	1	2	0	0	0	0	1	0	1	0	3	0	0
construction machine	1	0	0	-	0	-	1	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0
metal manufacturing machine	19	11	10	8	8	8	5	5	3	1	2	2	2	4	4	4	4	2	1	4	0	6
general machine	332	293	268	284	242	195	194	193	145	158	149	134	122	130	119	117	108	111	118	116	115	75
mobile silviculture machine																	0	0	0	0	0	0
crane	8	6	6	10	9	8	7	1	4	9	4	1	5	4	2	4	1	10	4	5	3	3
conveying machine	40	45	36	30	35	28	37	25	36	22	16	14	12	15	18	27	15	14	20	16	15	13
vehicle	4	7	5	7	5	4	3	6	1	5	3	2	8	3	2	4	2	3	3	5	2	2
pressure vessel	13	12	14	6	7	4	5	3	2	4	3	6	1	4	0	1	4	2	6	1	2	5
chemical facilities	0	2	0	1	1	-	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	1	0	-	1	-	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1
kiln, caldron	6	1	4	2	2	2	3	2	1	2	1	0	0	0	3	1	0	3	2	1	2	0
electric equipment	3	1	2	-	1	3	4	1	2	0	2	1	0	1	0	0	0	0	0	1	0	0
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
tools	57	61	65	45	53	38	42	53	47	44	43	30	37	28	34	25	37	29	26	37	31	29
other equipments, facilities	16	16	18	12	10	10	10	13	11	14	6	10	10	12	15	8	7	17	7	9	7	5
temporary buildings,	128	107	120	120	108	92	92	99	77	79	69	63	55	69	73	70	75	68	72	80	64	65

equipment																						
arc welding equipment			0	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
other welding equipment			0	0		0	0	0	1	0	0	0	0	0	0	1	0	0	0	0		
kiln, caldron			3	1		1	2	1	1	0	0	0	1	0	0	2	2	0	1	0		
industrial dryer			1	1		2	0	0	1	1	0	0	2	1	0	0	0	0	1	0		
other kiln, caldron			0	0		0	0	0	0	0	0	0	0	0	0	1	0	1	0	0		
transmission			1	1		2	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
electric power facilities			0	0		0	0	1	0	1	0	0	1	0	0	0	0	0	0	0		
other electrical equipment			1	0		2	1	1	0	1	1	0	0	0	0	0	0	1	0	0		
human power cranes			1	0		1	0	0	0	0	1	0	0	0	0	1	0	0	0	1		
human power hauling equipment			23	23		19	19	8	11	8	16	12	14	13	16	14	8	16	10	15	11	
human power machine			2	1		1	0	1	0	0	0	1	0	1	0	1	0	0	0	1		
hand tool			24	16		14	12	14	9	7	3	4	9	4	5	2	4	3	4	6	7	
ladder			42	33		20	28	28	32	20	14	22	15	22	13	25	17	11	25	12	15	
slinging tool			1	1		1	1	0	1	2	2	0	1	0	1	0	0	2	0	1	1	
other tools			22	19		21	24	19	11	21	14	15	12	12	11	12	12	13	12	18	13	
other equipment, facilities			18	10		10	13	11	14	6	10	10	12	15	8	7	17	7	9	7	5	
scaffolding			0	1		0	0	0	1	0	1	0	1	1	1	1	0	0	0	1	2	
timbering			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
stairs, landing stage			19	15		20	26	17	10	13	12	4	11	12	13	8	5	18	12	10	16	
opening			4	1		1	2	0	1	0	3	0	0	1	5	0	2	1	1	1	0	
roof, beam, haze, crossbeam, principal rafter			1	7		4	1	1	2	2	2	1	1	4	1	2	2	1	2	0	1	
working platform, boot board			17	24		17	18	17	18	11	13	12	14	17	9	15	16	13	10	12	7	
passage			52	39		36	41	26	35	28	20	32	32	30	28	43	35	26	40	34	30	
building, establishment			15	11		8	6	8	6	10	8	3	5	4	5	4	3	6	9	5	5	

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
20-29	89	79	84	87	65	56	55	52	50	47	39	38	34	39	37	48	40	47	46	47	38	31
30-39	94	94	83	85	90	94	69	88	58	76	67	62	63	53	54	46	50	37	62	53	59	42
40-49	149	139	125	134	91	79	85	82	62	71	75	48	57	61	72	62	86	66	66	77	82	64
50-59	352	313	310	264	245	206	195	199	142	137	99	85	101	82	92	77	62	90	77	74	64	58
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
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282

Workers' number of workplace of industrial accidents in textile products in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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
10-29	278	220	249	218	175	146	162	155	129	112	98	92	89	110	94	90	96	99	87	88	108	74
30-49	139	117	133	118	113	85	85	84	80	74	64	62	64	66	80	59	65	64	54	66	61	55
50-99	127	122	95	104	101	85	81	84	61	62	54	61	65	68	58	62	56	65	62	86	70	64
100-299	131	127	96	97	89	79	87	83	76	95	65	45	53	41	59	54	43	55	82	57	50	49
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
total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282

Month of industrial accidents in textile products in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	69	58	65	67	52	50	46	53	31	33	33	33	37	34	37	37	30	26	35	28	32	22
February	76	75	59	63	45	50	48	55	33	45	42	24	25	25	24	27	27	23	32	30	39	32
March	80	77	68	52	35	48	44	44	30	44	26	28	47	37	20	22	26	35	42	39	29	31
April	72	68	61	71	54	39	38	46	37	46	31	33	20	34	39	31	24	24	30	24	23	33
May	77	61	68	58	62	38	41	40	39	29	35	21	20	33	42	21	27	25	25	32	25	15
June	81	50	80	54	53	44	53	49	41	33	38	22	28	38	29	30	21	38	32	28	31	21
July	67	51	72	46	67	53	44	40	33	32	31	32	33	29	39	27	36	35	26	33	29	14
August	68	69	59	45	41	48	39	50	41	29	33	30	25	27	23	29	27	25	31	27	20	16
September	78	55	61	54	44	44	38	41	35	28	28	26	24	20	29	37	29	25	23	29	28	23
October	64	77	56	60	56	51	39	38	41	42	26	26	25	22	33	32	26	22	27	30	28	26
November	67	57	53	56	58	31	42	37	35	35	34	36	35	21	20	26	22	32	35	21	29	23
December	61	61	42	62	57	36	53	44	37	30	30	23	26	42	26	25	35	20	20	38	35	26

total	860	759	744	688	624	532	525	537	433	426	387	334	345	362	361	344	330	330	358	359	348	282
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Prefecture of industrial accidents in textile products in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	2	6	5		4		3	3	2	3	6	4	1	1	4	8	2	10	3	2	5	5
Aomori	0	0	0		0		0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
Iwate	1	3	1		0		1	1	0	0	0	0	1	0	0	3	2	2	2	4	4	1
Miyagi	5	2	0		2		1	2	0	0	3	0	3	1	0	1	3	3	1	4	3	3
Akita	0	1	0		0		1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Yamagata	6	5	9		2		4	4	3	3	2	0	2	2	2	2	3	2	1	3	2	1
Fukushima	2	2	4		2		3	5	4	2	2	0	0	4	1	2	1	1	3	0	0	0
Ibaraki	2	3	10		3		6	5	3	3	3	3	2	1	1	2	1	1	5	6	6	3
Tochigi	12	11	7		7		4	6	8	8	3	6	2	8	6	2	3	6	2	5	7	3
Gunma	13	13	12		15		3	5	3	4	4	6	6	9	2	3	10	3	6	1	3	5
Saitama	16	12	10		13		18	11	14	9	7	5	1	12	15	8	6	14	7	8	7	7
Chiba	3	1	1		1		3	3	4	2	2	2	3	2	1	2	1	3	2	3	1	4
Tokyo	8	6	8		5		8	8	2	3	5	1	0	2	6	6	2	3	2	5	5	2
Kanagawa	5	4	4		3		2	1	2	2	5	1	5	3	3	3	5	2	1	5	0	3
Niigata	24	22	20		15		13	8	9	11	14	11	14	8	5	9	10	10	11	15	9	14
Toyama	17	10	12		10		14	6	8	6	7	9	14	10	7	8	3	3	6	6	9	8
Ishikawa	32	32	29		31		31	36	19	30	19	19	13	19	14	24	28	20	31	24	24	21
Fukui	56	57	48		33		39	37	31	39	27	28	33	28	29	29	34	37	37	36	38	21
Yamanashi	3	4	3		1		1	3	2	0	1	0	2	1	0	0	0	2	0	1	0	0
Nagano	6	3	2		0		0	1	1	2	1	1	1	0	0	1	2	1	1	0	1	1
Gifu	42	34	20		24		14	19	19	23	12	14	17	13	19	13	5	8	17	20	11	17
Shizuoka	43	28	28		31		24	28	20	17	14	11	10	13	16	9	12	14	12	18	7	5
Aichi	150	98	118		90		95	78	64	64	57	61	45	59	76	40	53	32	31	57	32	38
Mie	15	12	18		9		10	5	11	5	10	6	2	3	0	7	5	1	4	2	8	3
Shiga	24	23	21		32		12	16	16	19	10	11	14	15	15	15	15	7	17	22	17	10
Kyoto	52	43	43		32		33	34	19	27	29	12	11	16	13	12	20	11	22	9	19	7
Osaka	107	124	113		106		59	80	66	55	56	49	46	46	41	47	28	43	38	38	43	24
Hyogo	35	31	29		15		12	13	10	6	10	8	15	10	12	9	7	13	12	5	11	5
Nara	14	14	16		7		8	8	5	1	7	3	4	8	6	3	4	3	5	3	6	4
Wakayama	37	35	30		28		26	22	8	14	12	11	14	5	13	15	11	11	16	5	10	8
Tottori	1	0	0		0		1	0	1	1	0	1	1	3	0	0	0	1	2	2	1	1

construction machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	1	5	1	0	0	0	0	1	1	0	2	0	2	2	0	1	0	0	1	1	1	1
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0
conveying machine	0	1	1	1	0	1	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
vehicle	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
temporary buildings, establishments	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
hazards, harmful substances	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
materials	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
total	3	7	3	7	1	4	4	2	3	1	3	0	4	3	2	1	1	4	1	1	5	1

stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0
total	3	7	3	7	1	4	4	2	3	1	3	0	4	3	2	1	1	4	1	1	5	1

Workers age of fatal accidents in textile products in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
20-29	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
30-39	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40-49	1	0	0	2	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0
50-59	1	3	2	5	1	1	2	1	1	0	1	0	1	1	0	0	1	1	1	0	2	1
60 years old or more	1	0	1	0	0	2	0	0	2	0	1	0	2	2	2	1	0	3	0	1	1	0
total	3	7	3	7	1	4	4	2	3	1	3	0	4	3	2	1	1	4	1	1	5	1

Workers' number of workplace of fatal accidents in textile products in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	1	1	0	2	1	1	0	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0

Oita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	3	7	3	7	1	4	4	2	3	1	3	0	4	3	2	1	1	4	1	1	5	1

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html