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

other fiber products industry Code No.010309

Type of accidents in other fiber 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	28	47	41	22	35	27	29	34	28	18	22	29	22	25	25	23	17	16	19	26	27	17	24	25	626
falling to same level	84	77	64	50	49	39	50	43	47	53	44	33	42	43	42	35	42	38	39	38	36	45	30	44	1,107
crash	19	15	14	7	9	8	12	12	5	16	9	6	5	8	3	4	7	6	5	3	9	4	6	10	202
struck by flying or falling object	9	6	17	6	8	9	5	5	5	3	4	6	7	7	8	8	5	8	4	4	5	6	4	6	155
collapse	3	1	1	7	1	1	5	2	1	2	2		2	4	2		2	2	1				3	3	45
crashed by	9	12	8	7	2	5	4	3	9	4	4	2	3	2	3	4	3	4	3	2	2	3		3	101
caught in/between	100	93	82	67	73	74	51	63	70	38	39	44	50	52	32	40	40	41	38	31	32	31	32	41	1,254
cut	57	54	43	42	21	22	31	25	20	22	20	17	11	15	14	17	12	12	14	11	11	12	14	14	531
injury to the sole of the foot		1	1	1			1					2							1			1	2	1	11
drown													1												1
contact to high/low-	5	7	5	3	4	6	4	3	5	4	2	4	4	3	2	1	3	4	2	2	2	1	4	1	81

temperature																									
contact to harmful substance	1				1			3	1				1				1				1		3		12
electric shock						2		2						1	1							1			7
explosion																					1				1
burst					1																				1
fire												2				1									3
traffic accident (public road)	7	11	7	4	6	2	2	6	3	2	1	1	1	2	1			3		5	1	1	2	2	70
traffic accident (others)																									
reaction to motion/improper motion	29	33	21	14	21	7	19	16	16	12	9	15	5	16	9	16	14	9	13	14	18	15	9	11	361
others	3	1			1	1	2		1		1			1		2	2					4	24		43
unclassifiable										1															1
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Causal agents (large) of fatal and non-fatal accidents in other fiber 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	131	129	112	92	81	89	80	81	84	52	52	58	56	62	44	50	49	44	45	42	42	38	46	47	1,606

crane, conveying machine	28	23	25	22	17	11	13	23	16	10	11	8	10	11	8	4	13	15	10	14	7	11	9	9	328
other equipment	47	58	46	31	38	43	37	37	35	27	26	28	23	30	30	33	18	26	27	19	30	18	22	32	761
temporary buildings, establishments	82	79	70	50	55	40	44	40	43	52	40	40	48	45	38	38	41	36	34	35	47	39	40	48	1,124
substance, material	15	17	18	14	7	7	8	18	8	10	4	13	6	11	7	11	4	6	6	6	9	6	5	7	223
load	24	27	18	15	23	6	16	14	10	9	13	7	5	7	6	6	14	10	10	12	6	13	3	6	280
environment	5	6	6	2	2	1	4	2	6	6	1	1	4	2	4	2	4	2	2	1	1	3	4	4	75
others	22	19	9	4	9	6	13	2	9	9	10	6	2	11	5	7	5	4	5	7	3	13	28	8	216
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Causal agents (middle) of fatal and non-fatal accidents in other fiber 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	7	5	5	3	1	4	5	3	3	3	1	2	4	5	2	4	1		3	3			2	1	67
woodworking machine	1	2	3	2	1	2	2	2							3			1	1						20

construction machine																									
metal manufacturing machine	14	3	2	7	6	4	1	4	5	2	1	4	5	3	2		3	3	2	2	2	1	3	3	82
general machine	109	119	102	80	73	79	72	72	76	47	50	52	47	54	37	46	45	40	39	37	39	37	41	43	1,436
mobile silviculture machine																									
crane	2	3	6	3	3		4	3	2		2		2					2	1					1	34
conveying machine	18	9	12	15	11	9	6	13	11	7	8	6	6	10	7	4	13	11	8	8	7	9	7	5	220
vehicle	8	11	7	4	3	2	3	7	3	3	1	2	2	1	1			2	1	6		2	2	3	74
pressure vessel	2					1		3					1								1			1	9
chemical facilities		1																							1
welding equipment													1						1					1	3
kiln, caldron	1	1	1			1		1	1		1									1	1		1		10
electric equipment	4	1	2	2	1		2	2	1		2			1		1	2				1	1			23
human power machine, tools	22	22	16	10	11	12	5	9	10	10	10	6	3	7	7	9	6	14	4	5	10	4	8	9	229
tools	15	30	21	12	21	23	23	18	18	14	12	15	11	19	18	15	6	6	19	11	14	9	11	17	378
other equipments,																									

facilities	3	3	6	7	5	6	7	4	5	3	1	7	7	3	5	8	4	6	3	2	3	4	2	4	108
temporary buildings, establishments	82	79	70	50	55	40	44	40	43	52	40	40	48	45	38	38	41	36	34	35	47	39	40	48	1,124
hazards, harmful substances	2	1			3			3	1	1		2	1			1	1						3		19
materials	13	16	18	14	4	7	8	15	7	9	4	11	5	11	7	10	3	6	6	6	9	6	2	7	204
load	24	27	18	15	23	6	16	14	10	9	13	7	5	7	6	6	14	10	10	12	6	13	3	6	280
natural environment	5	6	6	2	2	1	4	2	6	6	1	1	4	2	4	2	4	2	2	1	1	3	4	4	75
other causal agent	5	10	3	1	1	4	8		2	1	2			2	1	3	2	1		3		5	24	3	81
no causal agent	14	8	4	3	7	2	5	2	7	7	8	6	2	9	4	4	3	3	5	4	3	8	4	5	127
unclassifiable	3	1	2		1					1															8
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Causal agents (small) of fatal and non-fatal accidents in other fiber 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			5		1		5	3	3	3	1	2	4	5	2	4	1		3	3			2	1	48

circular sawing machine			2				1	1							1										5
band sawing machine					1										1										2
wood planer machine								1																	1
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines			1				1								1			1	1						5
leveling, transporting or loading machine																									
excavating machine																									
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe								1												1	1				3
drill press, milling machine							1																	1	2
grinding machine, buffing machine					1			1	1				2	1									1		7
power press			1		2				2				2	1						1			2	1	12
forging pressure hammer																									
shearing machine					2			2	2	1		1		1			2	1						1	13
other metal manufacturing machines			1		1					1	1	3	1		2		1	2	2		1	1			17
centrifugal machine			1								1														2
mixer, grinder									1	3				1		2									7
roll machine (except printingroll machine)			8		6		7	3	7	4		3	2	4	5	3	2	2	5	2	3	2	4	3	75

injection molding machine							2	1			1		1	1											6
food manufacturing machine																									
printing machine									1			1		2	1										5
industrial robot																									
other general power machines			93		67		63	68	67	40	48	48	44	46	31	41	43	38	34	35	36	35	37	40	954
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane			2						1									2	1						6
mobile crane					1			1																	2
derrick crane																									
elevator, lift			4		1		4	1	1		2		2											1	16
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane					1			1																	2
truck			7		5		4	7	5	2	3	3	3	6	3	2	7	5	3	6	5	7	5	1	89
forklift			4		2		2	3	3	4	3	2	2	2			4	3	1	2	1			2	40
railway equipment																									
conveyor			1		2			3	3	1	2	1	1	1	4	2	2	2	4		1	2	2	1	35
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines					2									1				1						1	5
cars, bus, motorcycle			7		3		3	7	2	3	1	2	2	1	1			2	1	4		2	2	2	45
railway vehicle																									
other vehicles									1											2				1	4
boiler								2																	2

pressure vessel								1					1								1				3
other pressure vessels																								1	1
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment													1						1					1	3
kiln, caldron			1					1			1												1		4
industrial dryer									1												1				2
other kiln, caldron																				1					1
transmission								1			2						1								4
electric power facilities								1						1			1								3
other electrical equipment			2		1		2		1							1					1	1			9
human power cranes										1	1							1			1		1	3	8
human power hauling equipment			3		6		3	4	4	3	3	2	1	4	4	3	5	7	1	3	5	2	3	2	68

human power machine			2						2	1	1	1	2			1		1							11
hand tool			11		5		2	5	4	5	5	3		3	3	5	1	5	3	2	4	2	4	4	76
ladder			9		12		13	11	9	9	5	11	6	9	4	8	3	1	10	9	8	4	6	9	156
slinging tool			2												1						1	1			5
other tools			10		9		10	7	9	5	7	4	5	10	13	7	3	5	9	2	5	4	5	8	137
other equipment, facilities			6		5		7	4	5	3	1	7	7	3	5	8	4	6	3	2	3	4	2	4	89
scaffolding					2							2		1								1			6
timbering														1											1
stairs, landing stage			12		11		7	14	8	12	9	16	10	9	7	8	5	6	8	5	14	4	9	8	182
opening			1		1		2	1			1	1	2	1	1	1				2	1	1	1	3	20
roof, beam, haze, crossbeam, principal rafter			2		1		1			1	1				1					1	3	1	1		13
working platform, boot board			13		12		3	5	7	9	7	4	5	6	8	7	9	7	1	5	7	3	5	3	126
passage			28		20		24	14	22	26	18	13	24	19	15	18	19	18	18	14	18	24	21	23	396
building, establishment			7		5		5	4	2	3	1	2	5	3	3	2	2	5	3	4	2	3	2	7	70
other temporary buildings,			7		3		2	2	4	1	3	2	2	5	3	2	6		4	4	2	2	1	4	59

establishments																									
explosive substance																									
inflammable substance					2											1									3
inflammable gas																									
harmful substance								3															1		4
radiation																									
other hazards, harmful substances					1				1	1		2	1				1						2		9
metal material			8		2		1	4	2	3		4	1	4	1	4		3	2		1	2		2	44
lumber, bamboo			1				3	1					1	1			1					2			10
stone, sand, substance											1														1
other materials			9		2		4	10	5	6	3	7	3	6	6	6	2	3	4	6	8	2	2	5	99
load			16		22		15	13	10	8	13	7	5	6	6	6	14	9	10	12	6	13	3	6	200
machine/equipment as load			2		1		1	1		1				1				1							8
natural ground, rock			1						1	1							2								5
standing tree																							1		1
water					1				1				1												3
abnormal																									

environment													1												1
high/cold temperature environment									1					1					1		1		1	1	6
other environments			5		1		4	2	3	5	1	1	2	1	4	2	2	2	1	1		3	2	3	45
other causal agent			3		1		8		2	1	2			2	1	3	2	1		3		5	24	3	61
no causal agent			4		7		5	2	7	7	8	6	2	9	4	4	3	3	5	4	3	8	4	5	100
unclassifiable			2		1					1															4
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Workers age of fatal and non-fatal accidents in other fiber 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	11	4	6	3	4	2	1	1	3	2	1	2	1	6	2	1	2	1	1	4	2	4	1		65
20-29	46	44	35	25	34	21	27	21	26	13	11	19	17	20	16	21	12	20	12	11	13	7	16	14	501
30-39	42	39	55	31	34	31	29	38	38	22	28	23	25	24	23	27	20	18	17	14	24	16	26	17	661
40-49	74	75	57	52	48	46	37	44	44	36	26	31	24	33	29	29	35	29	28	32	28	24	34	31	926
50-59	129	130	98	84	68	61	75	83	63	62	52	42	42	42	33	27	43	36	35	25	29	41	36	40	1,376
60 years old or more	52	66	53	35	44	42	46	30	37	40	39	44	45	54	39	46	36	39	46	50	49	49	44	59	1,084
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Workers' number of workplace of fatal and non-fatal accidents in other fiber 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	68	90	80	64	59	53	47	58	52	36	39	56	39	35	31	33	32	31	23	32	21	31	20	36	1,066
10-29	117	108	86	67	82	62	86	72	77	60	51	49	48	59	46	57	48	48	49	39	54	43	59	42	1,509
30-49	71	67	67	46	40	42	33	28	35	38	30	18	22	34	34	24	26	18	28	34	23	29	41	34	862
50-99	49	48	35	26	30	29	28	36	22	22	26	22	23	28	17	21	24	22	25	17	27	20	23	27	647
100-299	42	40	30	25	19	13	16	18	20	15	8	15	20	17	10	14	17	21	11	12	13	12	10	15	433
300 workers or more	7	5	6	2	2	4	5	5	5	4	3	1	2	6	4	2	1	3	3	2	7	6	4	7	96
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Month of fatal and non-fatal accidents in other fiber 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	28	33	31	28	18	19	18	12	12	22	12	11	19	10	13	12	16	16	21	15	14	9	12	17	418
February	25	35	18	17	24	22	24	17	12	18	10	14	14	16	12	18	11	13	7	19	11	9	12	20	398
March	30	43	28	25	18	16	17	17	22	13	19	17	18	19	10	16	17	13	16	8	11	17	11	10	431
April	40	29	24	16	21	18	15	20	12	15	12	20	7	15	15	10	11	8	8	8	10	12	10	14	370
May	35	34	23	19	14	18	17	14	14	14	4	14	7	5	8	16	10	11	11	12	10	8	18	11	347
June	27	33	24	14	24	20	28	17	18	15	14	10	10	19	11	17	10	11	13	8	13	12	8	16	392

July	28	33	24	18	22	21	16	15	22	13	21	17	14	15	7	8	11	9	14	7	18	14	9	12	388
August	31	24	19	27	17	16	19	21	19	16	14	9	12	19	11	9	10	8	8	13	13	12	28	11	386
September	32	24	32	20	16	15	13	22	11	11	18	20	13	11	10	16	10	19	8	6	16	7	17	10	377
October	24	35	29	20	16	13	13	18	26	15	13	13	14	16	18	12	16	16	7	15	9	14	11	10	393
November	34	12	31	14	25	10	14	24	20	13	10	8	11	15	13	10	16	10	10	13	10	12	10	13	358
December	20	23	21	12	17	15	21	20	23	10	10	8	15	19	14	7	10	9	16	12	10	15	11	17	355
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

Prefecture of fatal and non-fatal accidents in other fiber 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	3	9	8		5		3	6	6	2	3	3	7	4	3	3	3	2	3	1	3	3	4	1	85
Aomori	7	5	2		2		2	3	3	1	4	3	1	6	2		2	2		1	5	3	2	4	60
Iwate	3	5	3		3		4	3	5	7	1	2	4	4	2	4	4	6	3	6	1	2	3	2	77
Miyagi	8	2	4		2		1	6	1	3	2		3	2	4	2	2	3		1	2		4	2	54
Akita	3	4	2		3		3	2	5	1	4		4	5	2	4			1	4	5	5	3	5	65
Yamagata	3	2	3		2		1	3	1	2	2	2	4	3	1	3	6	1	3	3	1	5	1	2	54
Fukushima	13	6	7		5		4	9	5	7	1	2	5	5	2	2	3	5	1	4	3	3	2	2	96
Ibaraki	15	16	9		4		3	3	3	3	1	2	1	4	2	1	5	2	3	1	3		1	1	83
Tochigi	6	8	5		8		3	5	3	3	2	4	7	3	3	2	1	2	2	3	1	3	6	3	83
Gunma	8	8	16		7		3	10	5	7	3	4	5	6	4	2	3	6		4	10	3	8	2	124

Saitama	15	10	9		13		4	7	9	9	7	9	4	9	7	10	4	8	4	6	7	8	3	4	166
Chiba	10	7	4		8		4	3	3	2	3	3	1	8	5	6	5	1	1	4	1	8	1	2	90
Tokyo	5	7	9		7		4	13	5	4	4	6	5	6		4	3		2		2	2	2	3	93
Kanagawa	4	5	3		5		3	4	1	2	1	3		1	4	4	1		4	3	1	2		1	52
Niigata	7	5	5		6		2	5	4	3	3	3	2	2	2	2	3	2	4	2	3	2	7	3	77
Toyama	7	3	3		5		5	2	5		2	4	5	1	3	3	1	3	1				2	5	60
Ishikawa	3	8	2		6		4	4	5	5	2	2	3	2	2	4	3		3	2	1	2	1	2	66
Fukui	17	5	7		3		5	4	3	1	6	1	1	5	6	4	2	2	1	2	2	5	6	4	92
Yamanashi			2				1	1	1				1			2	1	2			2		1	1	15
Nagano	2	1	1		2		2		1	2			1		4		1	1	1	1	1	1		1	23
Gifu	6	9	13		7		3	6	7	1	6	5		5	4	5	1	13	2	7	4	3	7	8	122
Shizuoka	12	14	4		4		4	2	4	3	5	2		1	3	3	2	1	3	1	5	1	2	3	79
Aichi	23	33	25		17		19	17	17	13	24	6	8	5	6	12	11	6	15	10	9	8	10	12	306
Mie	9	9	7		6		9	1	4	5	2	4	4	6	1		1	1	3	2	2	3	5	1	85
Shiga	8	14	3				6	5	8	10	5	4	1	6	8	8	7	5	2	2	3	5	1	5	116
Kyoto	4	3	7		1		2	3	1	2	3	6	2	2	4	4	1	3	4	5	3	1	1	5	67
Osaka	21	40	27		15		16	19	29	16	11	14	19	19	13	17	19	18	16	11	14	8	8	15	385
Hyogo	13	7	16		9		11	9	6	3	4	7	5	7	2	3	3	7	5	2	2	7	7	3	138
Nara	13	10	16		11		13	4	12	7	6	7	6	5		1	7	7	7	5	5		5	7	154
Wakayama	10	2	6		2		5	4	8	4	1	2	5	4	3	1	3	4	3	2	2	3	5	8	87
Tottori		2	3					1	1		1		1						3	1	2	1			16

Shimane	1	3	2		3		3		2	1	1	2			2	1				1		1			23
Okayama	21	19	14		6		11	4	6	6	4	8	7	6	8	8	3	4	4	8	4	9	17	6	183
Hiroshima	9	20	15		11		15	7	11	12	6	8	3	5	5	3	8	4	4	5	5	6	13	3	178
Yamaguchi		3					1	2	1	1	1		1		1				1		2	1	2		17
Tokushima	1	4	2		1		1	2	2	1	2			2	1		3	2	1	1			1		27
Kagawa	7	4	9		4		7	4	6	3	4	5	2	6	3	4		2	3		6	4	1	2	86
Ehime	2	8	3		12		4	3	2	3		1	4	3	3	1	6	3	3	4	5	6	4	4	84
Kochi	4		4		2		2	3		1		2				2	2		1		2				25
Fukuoka	15	4	6		13		10	11	5	9	7	10	8	9	10	8	10	9	5	8	4	7	4	11	183
Saga	7	3	3		3		2	1	1	1	1	3	2	4	1		3		4	2				1	42
Nagasaki	8	4	6		1		1	4		2	1	3	3	3	1	3	1		4	3	3	4	4	5	64
Kumamoto	14	10	3		3		2	6	1	1	3	3	2	1	2	3		1	2	2	3	2	2	2	68
Oita	3	4	4				2	2	1	2		1	3				1	1	3	1	1			3	32
Miyazaki	4	8	1		3		1	4	2	3	7	4	1	2	3	2	2	3	4	4	5	2		3	68
Kagoshima		4	1		2		4			1	1	1	3	2			1	1				2		3	26
Okinawa		1																		1			1	1	4
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	161	4,613

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 fiber products in Japan in 1999-2022

other fiber products industry Code No.010309

Type of fatal accidents in other fiber 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				4
falling to same level			1																						1
crash																									
struck by flying or falling object																									
collapse																									
crashed by																									
caught in/between		1			1	1				1				1											5
cut																									
injury to the sole of the foot																									

drown													1												1
contact to high/low-temperature																									
contact to harmful substance	1																								1
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)							1																		1
traffic accident (others)																									
reaction to motion/improper motion																									
others		1																							1
unclassifiable																									
total	1	2	1		1	2	2			1		1	1	1							1				14

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

Causal agents (middle) of fatal accidents in other fiber 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																									

woodworking machine																									
construction machine																									
metal manufacturing machine																									
general machine		1			1					1				1											4
mobile silviculture machine																									
crane																									
conveying machine			1			1																			2
vehicle							1																		1
pressure vessel																									
chemical facilities																									
welding equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools							1																		1
other equipments,																									

facilities												1													1
temporary buildings, establishments						1															1				2
hazards, harmful substances	1																								1
materials																									
load																									
natural environment		1											1												2
other causal agent																									
no causal agent																									
unclassifiable																									
total	1	2	1		1	2	2			1		1	1	1							1				14

Causal agents (small) of fatal accidents in other fiber 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																									

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																									
mixer, grinder																									
roll machine (except printingroll machine)		1								1															2

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

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

pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
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
slinging tool																									
other tools																									
other equipment, facilities												1													1
scaffolding																									
timbering																									
stairs, landing stage																									
opening																									
roof, beam, haze, crossbeam, principal rafter						1																			1
working platform, boot board																									
passage																									
building, establishment																					1				1
other temporary buildings,																									

establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance	1																								1
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													1												1
abnormal																									

environment																									
high/cold temperature environment																									
other environments		1																							1
other causal agent																									
no causal agent																									
unclassifiable																									
total	1	2	1		1	2	2			1		1	1	1							1				14

Workers age of fatal accidents in other fiber 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										1															1
30-39						2																			2
40-49			1																						1
50-59	1	1					2														1				5
60 years old or more		1			1							1	1	1											5
total	1	2	1		1	2	2			1		1	1	1							1				14

Workers' number of workplace of fatal accidents in other fiber 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													3
10-29	1	2	1			2	1							1							1				9
30-49													1												1
50-99					1																				1
100-299																									
300 workers or more																									
total	1	2	1		1	2	2			1		1	1	1							1				14

Month of fatal accidents in other fiber 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																									
February		1			1					1				1							1				5
March			1									1	1												3
April							1																		1
May																									
June																									

July		1					1																		2
August						1																			1
September	1																								1
October						1																			1
November																									
December																									
total	1	2	1		1	2	2			1		1	1	1							1				14

Prefecture of fatal accidents in other fiber 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																									
Miyagi																									
Akita																									
Yamagata																									
Fukushima													1												1
Ibaraki																									
Tochigi					1																				1
Gunma		1																							1

Saitama	1					1																			2
Chiba			1																						1
Tokyo																									
Kanagawa																									
Niigata																									
Toyama							1																		1
Ishikawa												1													1
Fukui																									
Yamanashi																									
Nagano																									
Gifu						1															1				2
Shizuoka																									
Aichi										1															1
Mie																									
Shiga		1																							1
Kyoto																									
Osaka							1																		1
Hyogo																									
Nara																									
Wakayama																									
Tottori																									

Shimane																									
Okayama																									
Hiroshima																									
Yamaguchi																									
Tokushima																									
Kagawa																									
Ehime																									
Kochi																									
Fukuoka																									
Saga																									
Nagasaki																									
Kumamoto														1											1
Oita																									
Miyazaki																									
Kagoshima																									
Okinawa																									
total	1	2	1		1	2	2			1		1	1	1							1				14

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

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