

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

other fiber products industry Code No.010309

Type of accidents in other fiber products in 1999-2021

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents
fall from height	28	47	41	22	35	27	29	34	28	18	22	29	22	25	25	23	17	16	19	26	27	17	24	601	fall from height
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	1,063	falling to same level
crash	19	15	14	7	9	8	12	12	5	16	9	6	5	8	3	4	7	6	5	3	9	4	6	192	crash
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	149	struck by flying or falling object
collapse	3	1	1	7	1	1	5	2	1	2	2		2	4	2		2	2	1				3	42	collapse
crashed by	9	12	8	7	2	5	4	3	9	4	4	2	3	2	3	4	3	4	3	2	2	3		98	crashed by
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	1,213	caught in/between
cut	57	54	43	42	21	22	31	25	20	22	20	17	11	15	14	17	12	12	14	11	11	12	14	517	cut
injury to the sole of the foot		1	1	1			1					2							1			1	2	10	injury to the sole of the foot
drown													1											1	drown
contact to high/low-temperature	5	7	5	3	4	6	4	3	5	4	2	4	4	3	2	1	3	4	2	2	2	1	4	80	contact to high/low-temperature

engine																					1			1	engine
power transmission mechanism			5		1		5	3	3	3	1	2	4	5	2	4	1		3	3			2	47	power transmission mechanism
circular sawing machine			2				1	1							1									5	circular sawing machine
band sawing machine					1										1									2	band sawing machine
wood planer machine								1																1	wood planer machine
hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine
chain saw																									chain saw
other woodworking machines			1				1								1			1	1					5	other woodworking machines
leveling, transporting or loading machine																									leveling, transporting or loading machine
excavating machine																									excavating machine
foundation work machine																									foundation work machine

machine						2	1			1		1	1										6	machine	
food manufacturing machine																								food manufacturing machine	
printing machine								1			1		2	1									5	printing machine	
industrial robot																								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	914	other general power machines
felling machine																								felling machine	
mobile logging machine																								mobile logging machine	
skyline yarding machine																								skyline yarding machine	
other mobile silviculture machine																								other mobile silviculture machine	
crane			2						1								2	1					6	crane	
mobile crane					1			1															2	mobile crane	
derrick crane																								derrick crane	
elevator, lift			4		1		4	1	1		2		2										15	elevator, lift	
cargo lifting appliance																								cargo lifting appliance	
gondola																								gondola	
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway	

facilities			6		5		7	4	5	3	1	7	7	3	5	8	4	6	3	2	3	4	2	85	facilities		
scaffolding					2							2		1									1		6	scaffolding	
timbering														1											1	timbering	
stairs, landing stage			12		11		7	14	8	12	9	16	10	9	7	8	5	6	8	5	14	4	9	174	stairs, landing stage		
opening			1		1		2	1			1	1	2	1	1	1				2	1	1	1		17	opening	
roof, beam, haze, crossbeam, principal rafter			2		1		1			1	1				1					1	3	1	1		13	roof, beam, haze, crossbeam, principal rafter	
working platform, boot board			13		12		3	5	7	9	7	4	5	6	8	7	9	7	1	5	7	3	5		123	working platform, boot board	
passage			28		20		24	14	22	26	18	13	24	19	15	18	19	18	18	14	18	24	21		373	passage	
building, establishment			7		5		5	4	2	3	1	2	5	3	3	2	2	5	3	4	2	3	2		63	building, establishment	
other temporary buildings, establishments			7		3		2	2	4	1	3	2	2	5	3	2	6		4	4	2	2	1		55	other temporary buildings, establishments	
explosive substance																											explosive substance
inflammable substance					2											1									3	inflammable substance	
inflammable gas																											inflammable gas
harmful substance								3																1	4	harmful substance	
radiation																											radiation
other hazards, harmful substances					1				1	1		2	1				1							2	9	other hazards, harmful substances	

metal material			8		2		1	4	2	3		4	1	4	1	4		3	2		1	2		42	metal material
lumber, bamboo			1				3	1					1	1			1					2		10	lumber, bamboo
stone, sand, substance											1													1	stone, sand, substance
other materials			9		2		4	10	5	6	3	7	3	6	6	6	2	3	4	6	8	2	2	94	other materials
load			16		22		15	13	10	8	13	7	5	6	6	6	14	9	10	12	6	13	3	194	load
machine/equipment as load			2		1		1	1		1				1				1						8	machine/equipment as load
natural ground, rock			1							1	1						2							5	natural ground, rock
standing tree																							1	1	standing tree
water					1					1														3	water
abnormal environment													1											1	abnormal environment
high/cold temperature environment										1									1		1		1	5	high/cold temperature environment
other environments			5		1		4	2	3	5	1	1	2	1	4	2	2	2	1	1		3	2	42	other environments
other causal agent			3		1		8		2	1	2			2	1	3	2	1		3		5	24	58	other causal agent
no causal agent			4		7		5	2	7	7	8	6	2	9	4	4	3	3	5	4	3	8	4	95	no causal agent
unclassifiable			2		1					1														4	unclassifiable
total			304		232		215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	3,307	total

Workers age of fatal and non-fatal accidents in other fiber products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	11	4	6	3	4	2	1	1	3	2	1	2	1	6	2	1	2	1	1	4	2	4	1	65	19 years old or less
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	487	20-29
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	644	30-39
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	895	40-49
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	1,336	50-59
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	1,025	60 years old or more
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	4,452	total

Workers' number of workplace of fatal and non-fatal accidents in other fiber products in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale
9 workers or less	68	90	80	64	59	53	47	58	52	36	39	56	39	35	31	33	32	31	23	32	21	31	20	1,030	9 workers or less
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	1,467	10-29
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	828	30-49
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	620	50-99
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	418	100-299
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	89	300 workers or more
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	4,452	total

Month of fatal and non-fatal accidents in other fiber products in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	28	33	31	28	18	19	18	12	12	22	12	11	19	10	13	12	16	16	21	15	14	9	12	401	January
February	25	35	18	17	24	22	24	17	12	18	10	14	14	16	12	18	11	13	7	19	11	9	12	378	February
March	30	43	28	25	18	16	17	17	22	13	19	17	18	19	10	16	17	13	16	8	11	17	11	421	March
April	40	29	24	16	21	18	15	20	12	15	12	20	7	15	15	10	11	8	8	8	10	12	10	356	April
May	35	34	23	19	14	18	17	14	14	14	4	14	7	5	8	16	10	11	11	12	10	8	18	336	May
June	27	33	24	14	24	20	28	17	18	15	14	10	10	19	11	17	10	11	13	8	13	12	8	376	June
July	28	33	24	18	22	21	16	15	22	13	21	17	14	15	7	8	11	9	14	7	18	14	9	376	July
August	31	24	19	27	17	16	19	21	19	16	14	9	12	19	11	9	10	8	8	13	13	12	28	375	August
September	32	24	32	20	16	15	13	22	11	11	18	20	13	11	10	16	10	19	8	6	16	7	17	367	September
October	24	35	29	20	16	13	13	18	26	15	13	13	14	16	18	12	16	16	7	15	9	14	11	383	October
November	34	12	31	14	25	10	14	24	20	13	10	8	11	15	13	10	16	10	10	13	10	12	10	345	November
December	20	23	21	12	17	15	21	20	23	10	10	8	15	19	14	7	10	9	16	12	10	15	11	338	December
total	354	358	304	230	232	203	215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	4,452	total

Prefecture of fatal and non-fatal accidents in other fiber products in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	3	9	8		5		3	6	6	2	3	3	7	4	3	3	3	2	3	1	3	3	4	84	Hokkaido
Aomori	7	5	2		2		2	3	3	1	4	3	1	6	2		2	2		1	5	3	2	56	Aomori
Iwate	3	5	3		3		4	3	5	7	1	2	4	4	2	4	4	6	3	6	1	2	3	75	Iwate

Miyagi	8	2	4		2		1	6	1	3	2		3	2	4	2	2	3		1	2		4	52	Miyagi
Akita	3	4	2		3		3	2	5	1	4		4	5	2	4			1	4	5	5	3	60	Akita
Yamagata	3	2	3		2		1	3	1	2	2	2	4	3	1	3	6	1	3	3	1	5	1	52	Yamagata
Fukushima	13	6	7		5		4	9	5	7	1	2	5	5	2	2	3	5	1	4	3	3	2	94	Fukushima
Ibaraki	15	16	9		4		3	3	3	3	1	2	1	4	2	1	5	2	3	1	3		1	82	Ibaraki
Tochigi	6	8	5		8		3	5	3	3	2	4	7	3	3	2	1	2	2	3	1	3	6	80	Tochigi
Gunma	8	8	16		7		3	10	5	7	3	4	5	6	4	2	3	6		4	10	3	8	122	Gunma
Saitama	15	10	9		13		4	7	9	9	7	9	4	9	7	10	4	8	4	6	7	8	3	162	Saitama
Chiba	10	7	4		8		4	3	3	2	3	3	1	8	5	6	5	1	1	4	1	8	1	88	Chiba
Tokyo	5	7	9		7		4	13	5	4	4	6	5	6		4	3		2		2	2	2	90	Tokyo
Kanagawa	4	5	3		5		3	4	1	2	1	3		1	4	4	1		4	3	1	2		51	Kanagawa
Niigata	7	5	5		6		2	5	4	3	3	3	2	2	2	2	3	2	4	2	3	2	7	74	Niigata
Toyama	7	3	3		5		5	2	5		2	4	5	1	3	3	1	3	1				2	55	Toyama
Ishikawa	3	8	2		6		4	4	5	5	2	2	3	2	2	4	3		3	2	1	2	1	64	Ishikawa
Fukui	17	5	7		3		5	4	3	1	6	1	1	5	6	4	2	2	1	2	2	5	6	88	Fukui
Yamanashi			2				1	1	1				1			2	1	2			2		1	14	Yamanashi
Nagano	2	1	1		2		2		1	2			1		4		1	1	1	1	1	1		22	Nagano
Gifu	6	9	13		7		3	6	7	1	6	5		5	4	5	1	13	2	7	4	3	7	114	Gifu
Shizuoka	12	14	4		4		4	2	4	3	5	2		1	3	3	2	1	3	1	5	1	2	76	Shizuoka
Aichi	23	33	25		17		19	17	17	13	24	6	8	5	6	12	11	6	15	10	9	8	10	294	Aichi
Mie	9	9	7		6		9	1	4	5	2	4	4	6	1		1	1	3	2	2	3	5	84	Mie
Shiga	8	14	3				6	5	8	10	5	4	1	6	8	8	7	5	2	2	3	5	1	111	Shiga
Kyoto	4	3	7		1		2	3	1	2	3	6	2	2	4	4	1	3	4	5	3	1	1	62	Kyoto

Osaka	21	40	27		15		16	19	29	16	11	14	19	19	13	17	19	18	16	11	14	8	8	370	Osaka
Hyogo	13	7	16		9		11	9	6	3	4	7	5	7	2	3	3	7	5	2	2	7	7	135	Hyogo
Nara	13	10	16		11		13	4	12	7	6	7	6	5		1	7	7	7	5	5		5	147	Nara
Wakayama	10	2	6		2		5	4	8	4	1	2	5	4	3	1	3	4	3	2	2	3	5	79	Wakayama
Tottori		2	3					1	1		1		1						3	1	2	1		16	Tottori
Shimane	1	3	2		3		3		2	1	1	2			2	1				1		1		23	Shimane
Okayama	21	19	14		6		11	4	6	6	4	8	7	6	8	8	3	4	4	8	4	9	17	177	Okayama
Hiroshima	9	20	15		11		15	7	11	12	6	8	3	5	5	3	8	4	4	5	5	6	13	175	Hiroshima
Yamaguchi		3					1	2	1	1	1		1		1				1		2	1	2	17	Yamaguchi
Tokushima	1	4	2		1		1	2	2	1	2			2	1		3	2	1	1			1	27	Tokushima
Kagawa	7	4	9		4		7	4	6	3	4	5	2	6	3	4		2	3		6	4	1	84	Kagawa
Ehime	2	8	3		12		4	3	2	3		1	4	3	3	1	6	3	3	4	5	6	4	80	Ehime
Kochi	4		4		2		2	3		1		2				2	2		1		2			25	Kochi
Fukuoka	15	4	6		13		10	11	5	9	7	10	8	9	10	8	10	9	5	8	4	7	4	172	Fukuoka
Saga	7	3	3		3		2	1	1	1	1	3	2	4	1		3		4	2				41	Saga
Nagasaki	8	4	6		1		1	4		2	1	3	3	3	1	3	1		4	3	3	4	4	59	Nagasaki
Kumamoto	14	10	3		3		2	6	1	1	3	3	2	1	2	3		1	2	2	3	2	2	66	Kumamoto
Oita	3	4	4				2	2	1	2		1	3				1	1	3	1	1			29	Oita
Miyazaki	4	8	1		3		1	4	2	3	7	4	1	2	3	2	2	3	4	4	5	2		65	Miyazaki
Kagoshima		4	1		2		4			1	1	1	3	2			1	1				2		23	Kagoshima
Okinawa		1																		1			1	3	Okinawa
total	354	358	304		232		215	217	211	175	157	161	154	179	142	151	148	143	139	136	145	141	157	4,019	total

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

hand tool																								hand tool
ladder						1																	1	ladder
slinging tool																								slinging tool
other tools																								other tools
other equipment, facilities											1												1	other equipment, facilities
scaffolding																								scaffolding
timbering																								timbering
stairs, landing stage																								stairs, landing stage
opening																								opening
roof, beam, haze, crossbeam, principal rafter						1																	1	roof, beam, haze, crossbeam, principal rafter
working platform, boot board																								working platform, boot board
passage																								passage
building, establishment																			1				1	building, establishment
other temporary buildings, establishments																								other temporary buildings, establishments
explosive substance																								explosive substance
inflammable substance																								inflammable substance

no causal agent																										no causal agent	
unclassifiable																										unclassifiable	
total	1	2	1		1	2	2			1		1	1	1									1			14	total

Workers age of fatal accidents in other fiber products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age	
19 years old or less																										19 years old or less
20-29										1															1	20-29
30-39						2																			2	30-39
40-49			1																						1	40-49
50-59	1	1					2															1			5	50-59
60 years old or more		1			1							1	1	1											5	60 years old or more
total	1	2	1		1	2	2			1		1	1	1									1		14	total

Workers' number of workplace of fatal accidents in other fiber products in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale	
9 workers or less							1			1		1													3	9 workers or less
10-29	1	2	1			2	1							1								1			9	10-29
30-49													1												1	30-49
50-99					1																				1	50-99

100-299																									100-299	
300 workers or more																										300 workers or more
total	1	2	1		1	2	2			1		1	1	1							1				14	total

Month of fatal accidents in other fiber products in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month	
January																										January
February		1			1					1				1							1				5	February
March			1									1	1												3	March
April							1																		1	April
May																										May
June																										June
July		1					1																		2	July
August						1																			1	August
September	1																								1	September
October						1																			1	October
November																										November
December																										December
total	1	2	1		1	2	2			1		1	1	1							1				14	total

Prefecture of fatal accidents in other fiber products in 1999-2021

Miyazaki																										Miyazaki		
Kagoshima																											Kagoshima	
Okinawa																											Okinawa	
total	1	2	1		1	2	2			1		1	1	1										1			14	total

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

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html