

Fatal and non-fatal accidents in weaving in Japan in 1999-2021

weaving industry Code No.010203

Type of accidents in weaving 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	21	16	18	9	9	9	12	14	16	13	13	8	9	6	11	10	9	8	7	11	14	6	6	255	fall from height	
falling to same level	32	23	29	34	24	18	21	22	21	19	14	15	19	16	17	12	12	17	15	15	11	10	8	424	falling to same level	
crash	10	8	5	3	8	6	6	6	2	3	2	3	3	4		4		3		3	2	4	1	86	crash	
struck by flying or falling object	14	12	10	5	7	6	7	8	5	4	6	4	7	5	2	3	3	1	5	3	1	2	7	127	struck by flying or falling object	
collapse	1	2	1	1	1	1		1			1			2				1				1	1	14	collapse	
crashed by	3	4	2	4	3	3	4	2	1	2	4	1		2		3	1	1	3	2	2	3		50	crashed by	
caught in/between	74	58	49	37	49	47	35	30	22	20	30	16	22	16	26	23	20	19	23	18	16	8	9	667	caught in/between	
cut	8	16	11	5	10	5	4	5	3		3	2	4	2	1	5	2	1	2	4	3	1	3	100	cut	
injury to the sole of the foot								1											2					3	injury to the sole of the foot	
drown																										drown
contact to high/low-temperature		3		2	2		1	2	1			1			2	1		1	2					20	contact to high/low-temperature	









engine													1										1	engine	
power transmission mechanism			1		6		2	3		1	1		1	1		1	3	1	1	1				23	power transmission mechanism
circular sawing machine			2																			1	3	circular sawing machine	
band sawing machine																									band sawing machine
wood planer machine																									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																									other woodworking machines
leveling, transporting or loading machine																									leveling, transporting or loading machine
excavating machine																									excavating machine
foundation work machine																									foundation work machine



machine															1									1	machine
food manufacturing machine																									food manufacturing machine
printing machine																									printing machine
industrial robot																									industrial robot
other general power machines			43		48		30	28	19	14	30	21	22	14	15	18	16	13	21	14	17	7	6	396	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					1		1						1					1	1				1	6	crane
mobile crane																									mobile crane
derrick crane																									derrick crane
elevator, lift			2												1				1					4	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway







facilities			1				2	1	2	2	1	2	1		5	4	1	3	1	4	2		2	34	facilities
scaffolding											1					1					1			3	scaffolding
timbering																									timbering
stairs, landing stage			3				4	3	2		4	1			3	3	2	1	4	2	1	2		35	stairs, landing stage
opening			2		1											2								5	opening
roof, beam, haze, crossbeam, principal rafter																								5	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			4		8		3	5	1	6	3	2	3	4	6	3	1	6	4	2	3	1		65	working platform, boot board
passage			16		8		12	11	7	11	3	5	5	5	4	4	7	11	6	8	7	5	4	139	passage
building, establishment			3		1		3		3	2		2	1	1			1	1		3	1		3	25	building, establishment
other temporary buildings, establishments			4		3		2		1	2		2	1	2		2		1		1		2	1	24	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance																									inflammable substance
inflammable gas																									inflammable gas
harmful substance														1			1							2	harmful substance
radiation																									radiation
other hazards, harmful substances			1				1																	2	other hazards, harmful substances

metal material			4		1		1	3	3	1	3	1	1	2			1		2	1	1	3	3	31	metal material	
lumber, bamboo					1										1								1		3	lumber, bamboo
stone, sand, substance																										stone, sand, substance
other materials			3				2	4	1	1	1	2	5	3	2	1	3	2	1		3		2	36	other materials	
load			8		9		5	6	3	1	8	1	3	6	4	3	1	3	2	4	1	4	3	75	load	
machine/equipment as load					1		1	2		1				1							1			7	machine/equipment as load	
natural ground, rock																										natural ground, rock
standing tree								1																1	standing tree	
water								1																1	water	
abnormal environment																1								1	abnormal environment	
high/cold temperature environment																1								1	high/cold temperature environment	
other environments							1	1	1			1	1						1	1			1	8	other environments	
other causal agent			3					2	3	2				1	1						1	2		15	other causal agent	
no causal agent			6					4	5	1	1	1	3	1	3	2	3	4	4	4	3	4	3	52	no causal agent	
unclassifiable			2				1	1													7			11	unclassifiable	
total			140		119		98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	1,401	total	

Workers age of fatal and non-fatal accidents in weaving 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	5	6	3	4	2	3	2		1	2		2		1	2	1	1	1			1	1		38	19 years old or less
20-29	15	16	13	14	12	11	7	9	7	7	6	6	7	9	1	13	4	9	9	6	10	4	8	203	20-29
30-39	19	22	11	7	17	17	9	19	11	7	11	12	12	5	9	10	10	5	12	12	8	5	5	255	30-39
40-49	28	21	16	23	17	10	14	14	11	5	16	9	10	5	16	11	16	12	14	15	13	12	8	316	40-49
50-59	75	56	66	45	44	49	42	38	33	25	22	15	24	13	10	16	8	15	9	14	14	6	8	647	50-59
60 years old or more	35	29	31	21	27	18	24	21	22	20	22	12	17	23	29	18	15	17	24	17	20	17	12	491	60 years old or more
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	1,950	total

Workers' number of workplace of fatal and non-fatal accidents in weaving 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	33	33	39	25	25	23	19	23	14	13	20	15	15	8	11	19	7	5	11	5	13	8	4	388	9 workers or less
10-29	62	46	53	37	34	24	30	27	32	16	25	15	17	18	25	17	16	18	17	22	15	12	17	595	10-29
30-49	32	15	17	17	26	25	19	15	13	12	11	9	13	10	13	6	9	14	5	17	13	8	4	323	30-49
50-99	26	29	19	20	22	16	13	19	10	12	9	8	12	10	7	11	10	8	17	13	16	13	9	329	50-99
100-299	21	23	9	14	12	17	16	16	15	13	12	9	13	10	11	16	11	13	18	7	9	4	7	296	100-299
300 workers or more	3	4	3	1		3	1	1	1								1	1						19	300 workers or more
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	1,950	total



Miyagi	1																							1	Miyagi		
Akita																										Akita	
Yamagata	1		2		1		2	1	2		1		1	1	1	2	1			1			4	21	Yamagata		
Fukushima			1											1											2	Fukushima	
Ibaraki			3						1																4	Ibaraki	
Tochigi		1	1		1		1		3		1			1	1			1		1				1	13	Tochigi	
Gunma	5	2			3			1	1	1	1	1	3	2			1	1	3			1			26	Gunma	
Saitama	2		1		2			1	1		3				2	1	1				2		2		18	Saitama	
Chiba			1																						1	Chiba	
Tokyo	1						2			1	2				1	1	2	1	1	1				1	14	Tokyo	
Kanagawa											1						1	1	1							4	Kanagawa
Niigata	4	8	7		4		3	1		3	4	3	2	2	1	1	2	1	2	4	1	6			59	Niigata	
Toyama	3	1	2				4	2	3	1	3	4	5	3	5	1			1	1	3	6	1		49	Toyama	
Ishikawa	8	10	4		8		7	7	6	2	4	3	4	2	3	7	2	6	8	9	3	3	1		107	Ishikawa	
Fukui	24	20	16		15		14	9	13	11	10	5	6	5	4	13	9	13	10	12	15	1	8		233	Fukui	
Yamanashi			1		1		1	1										1								5	Yamanashi
Nagano																											Nagano
Gifu	6	6	1		2		1	2	5	3	2		1	2	3	1	1	3	4	1	3	3			50	Gifu	
Shizuoka	4	3	5		6		4	4	3	1	4	3	3	2	2	1	2	2	1	2						52	Shizuoka
Aichi	24	12	14		12		8	11	7	10	5	5	9	8	11	2	5	6	1	5	1	5	2			163	Aichi
Mie			3		1				2		1	2	1	1		2		1	2	2	3		1			22	Mie
Shiga	6	8	4		6		5	2	7	5	2	1	1	2	2	2	5	3	6	4	2	2	5			80	Shiga
Kyoto	9	4	5		5		4	8	3	3	3	1	1	1	2	1	3		1	2	4	2	2			64	Kyoto

Osaka	16	21	17		11		9	14	5	10	8	10	10	8	8	10	5	7	13	11	12	3	4	212	Osaka
Hyogo	8	6	8		7		2	2	1	1		1	3	1	2	3	2	2			2			51	Hyogo
Nara	2	2	2				3	3	2					2		1			1					18	Nara
Wakayama	15	15	9		12		9	9	1	3	4	2	5	2	5	4	3	1	3		3	4		109	Wakayama
Tottori																									Tottori
Shimane	2	2			1				1															6	Shimane
Okayama	8	8	15		3		8	4	5		6	3	1	1		3	2	2	1	1	5	1	1	78	Okayama
Hiroshima	1	1	3		2		1	3	2	1	2	2	3		2	2	1		2	2	1		3	34	Hiroshima
Yamaguchi																									Yamaguchi
Tokushima		1	2		1			1				1		1							1			8	Tokushima
Kagawa																	1		1	1				3	Kagawa
Ehime	23	14	11		8		6	8	7	5	5	8	10	3	6	7	6	4	6	4	3	4	3	151	Ehime
Kochi																									Kochi
Fukuoka	3	1	1		6		3	4	3	3	5	1	1	1	4	1	1	1	1	1	1	4	1	47	Fukuoka
Saga	1	3	1				1	2		1														9	Saga
Nagasaki																									Nagasaki
Kumamoto																1								1	Kumamoto
Oita								1																1	Oita
Miyazaki														2	1									3	Miyazaki
Kagoshima		1							1	1														3	Kagoshima
Okinawa														1	1									2	Okinawa
total	177	150	140		119		98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	1,728	total





injury to the sole of the foot																								injury to the sole of the foot
drown																								drown
contact to high/low-temperature																								contact to high/low-temperature
contact to harmful substance			4																			4		contact to harmful substance
electric shock																								electric shock
explosion																								explosion
burst																								burst
fire														1						4			5	fire
traffic accident (public road)			1																				1	traffic accident (public road)
traffic accident (others)																								traffic accident (others)
reaction to motion/improper motion																								reaction to motion/improper motion
others																								others
unclassifiable																								unclassifiable
total		2	2	4			3	1							1	1					4		18	total























no causal agent																								no causal agent	
unclassifiable																				4			4	unclassifiable	
total		2	2	4			3		1								1	1			4			18	total

Workers age of fatal accidents in weaving 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		1																							1	19 years old or less
20-29																					2				2	20-29
30-39							1																		1	30-39
40-49				2																					2	40-49
50-59		1	1	2			2		1								1				2				10	50-59
60 years old or more			1															1							2	60 years old or more
total		2	2	4			3		1								1	1			4				18	total

Workers' number of workplace of fatal accidents in weaving 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	9 workers or less
10-29			1				3		1												1				6	10-29
30-49		1	1														1								3	30-49
50-99																		1			3				4	50-99

100-299		1		3																			4	100-299	
300 workers or more																									300 workers or more
total		2	2	4			3		1							1	1				4		18	total	

Month of fatal accidents in weaving 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		1																						1	January	
February																										February
March																	1							1	March	
April			1				1																	2	April	
May																										May
June		1		4																	4			9	June	
July																										July
August																										August
September			1				1																	2	September	
October																										October
November							1											1						2	November	
December									1															1	December	
total		2	2	4			3		1								1	1			4		18	total		

Prefecture of fatal accidents in weaving in 1999-2021







Miyazaki																										Miyazaki	
Kagoshima																											Kagoshima
Okinawa																											Okinawa
total		2	2	4			3		1							1	1				4				18	total	

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

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