

## Fatal and non-fatal accidents in weaving in Japan in 1999-2022

weaving industry Code No.010203

### Type of accidents in weaving 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	21	16	18	9	9	9	12	14	16	13	13	8	9	6	11	10	9	8	7	11	14	6	6	13	268
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	14	438
crash	10	8	5	3	8	6	6	6	2	3	2	3	3	4		4		3		3	2	4	1	3	89
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	4	131
collapse	1	2	1	1	1	1		1			1			2				1				1	1		14
crashed by	3	4	2	4	3	3	4	2	1	2	4	1		2		3	1	1	3	2	2	3		1	51
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	9	676
cut	8	16	11	5	10	5	4	5	3		3	2	4	2	1	5	2	1	2	4	3	1	3	5	105
injury to the sole of the foot								1											2						3
drown																									
contact to high/low-		3		2	2		1	2	1			1			2	1		1	2		2			1	21

temperature																									
contact to harmful substance		1		4		1								1			1						1	9	
electric shock			1				1																	2	
explosion																									
burst																									
fire			1				1									1				7				10	
traffic accident (public road)			1		3					2		2				2					2			12	
traffic accident (others)						1												1						2	
reaction to motion/improper motion	13	7	10	10	3	9	6	9	14	3	4	4	6	2	8	6	5	7	8	7	8	7	6	2	164
others	1		1			2		1											1		1			7	
unclassifiable			1																					1	
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

Causal agents (large) of fatal and non-fatal accidents in weaving 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	78	69	55	47	59	48	39	38	23	19	35	25	28	19	20	24	22	19	24	18	19	10	10	12	760

crane, conveying machine	10	7	9	4	8	9	8	4	5	6	2	3	4	4	3	8	1	1	6	5	5	4	1	1	118
other equipment	28	32	17	15	19	12	15	15	27	12	17	9	15	5	17	15	10	10	14	15	12	7	10	21	369
temporary buildings, establishments	30	19	32	23	21	16	24	19	14	22	10	13	10	13	15	15	12	20	14	16	13	10	8	11	400
substance, material	13	5	8	10	2	11	4	7	4	2	4	3	6	6	3	1	5	2	3	1	4	4	5	2	115
load	14	11	8	10	10	4	6	8	3	2	8	1	3	7	4	3	1	3	2	4	2	4	3	3	124
environment	2	1		1		2	1	3	1			1	1		1	1			1	1			1	1	19
others	2	6	11	4		6	1	7	8	3	1	1	3	2	4	2	3	4	4	4	11	6	3	2	98
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

Causal agents (middle) of fatal and non-fatal accidents in weaving 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	3
power transmission mechanism	5	2	1		6	2	2	3		1	1		1	1		1	3	1	1	1					32
woodworking machine	1		2	1																			1		5





circular sawing machine		2																			1	3
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																	1					1

demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press				1		1							1										3		
forging pressure hammer																									
shearing machine																	1						1		
other metal manufacturing machines			1			1					1												3		
centrifugal machine																									
mixer, grinder			1										1				1						3		
roll machine (except printingroll machine)			7		4		6	6	4	4	4	3	5	2	4	4	3	5		2	2	3	3	1	72







pressure vessel																	1	1		1	1			4
other pressure vessels							1																	1
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			1					1		1									1					4
human power cranes			1				1																1	3
human power hauling equipment			1		2		3	2	3	3	1	2	1	1	3	2	1	1	5				2	33

human power				1									1						1			3	
machine																							
hand tool		3	5	2	2	1	1			2	1			2	1			1	3	1	3	3	28
ladder		7	7	5	8	13	5	6	3	7	2	5	3	3	4	3	7	4	1	4	9	106	
slinging tool				1				2					1			1						5	
other tools		3	4	1	3	6	2	5	2	5	2	3	2	4	1	3	2	2	3	1	2	56	
other equipment, facilities		1		2	1	2	2	1	2	1		5	4	1	3	1	4	2		2	4	38	
scaffolding									1				1					1				3	
timbering																							
stairs, landing stage		3		4	3	2		4	1			3	3	2	1	4	2	1	2		3	38	
opening		2	1										2									5	
roof, beam, haze, crossbeam, principal rafter								1			1	2		1								5	
working platform, boot board		4	8	3	5	1	6	3	2	3	4	6	3	1	6	4	2	3	1		1	66	
passage		16	8	12	11	7	11	3	5	5	5	4	4	7	11	6	8	7	5	4	7	146	
building, establishment		3	1	3	3	2		2	1	1				1	1		3	1		3		25	
other temporary buildings,		4	3	2	1	2		2	1	2			2		1		1		2	1		24	



environment															1									1	
high/cold temperature environment															1									1	
other environments							1	1	1			1	1					1	1			1	1	9	
other causal agent			3					2	3	2				1	1					1	2			15	
no causal agent			6					4	5	1	1	1	3	1	3	2	3	4	4	4	3	4	3	2	54
unclassifiable			2				1	1												7				11	
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

Workers age of fatal and non-fatal accidents in weaving 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	5	6	3	4	2	3	2		1	2		2		1	2	1	1	1			1	1		1	39
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	6	209
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	5	260
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	10	326
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	12	659
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	19	510
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

Workers' number of workplace of fatal and non-fatal accidents in weaving 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	33	33	39	25	25	23	19	23	14	13	20	15	15	8	11	19	7	5	11	5	13	8	4	4	392
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	14	609
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	10	333
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	15	344
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	10	306
300 workers or more	3	4	3	1		3	1	1	1								1	1							19
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

Month of fatal and non-fatal accidents in weaving 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	10	12	12	6	10	12	7	12	6	3	6	4	7	6	4	8	4	8	5	3	3	4	3	5	160
February	15	14	5	10	4	5	13	9	5	6	9	7	3	2	3	5	6	2	8	7	8	3	5	4	158
March	18	15	14	13	7	6	11	4	5	7	3	6	10	8	3	4	9	7	10	3	7	9	5	5	189
April	19	13	13	15	11	6	9	9	5	5	2	7	6	3	11	7	3	5	5	3	4	5	1	2	169
May	18	12	16	9	20	11	5	2	8	5	6	2	3	7	7	5	4	5	4	6	2	3	3	5	168
June	14	12	22	14	8	10	8	10	7	6	7	5	5	4	2	4	4	4	5	5	14	4	1	3	178

July	9	10	10	7	14	15	10	9	5	7	3	3	5	4	7	7	6	6	5	6	2	1	6	2	159
August	12	12	10	8	9	6	7	5	11	2	9	5	3	4	8	5	2	2	7	5	2	2	7	6	149
September	20	15	14	6	7	9	7	10	8	6	5	3	9	5	9	6	4	5	3	5	2	2	7	4	171
October	16	14	11	9	10	13	5	10	14	4	11	7	4	3	5	5	4	2	5	5	4	5	1	9	176
November	14	8	7	6	12	3	6	10	7	11	11	4	9	4	3	6	3	8	8	9	9	5	1	6	170
December	12	13	6	11	7	12	10	11	4	4	5	3	6	6	5	7	5	5	3	7	9	2	1	2	156
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

Prefecture of fatal and non-fatal accidents in weaving 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					1													1	1				1		4	
Aomori																										
Iwate																								1	1	
Miyagi	1																									1
Akita																										
Yamagata	1		2		1		2	1	2		1		1	1	1	2	1			1			4	1	22	
Fukushima			1											1												2
Ibaraki			3						1																	4
Tochigi		1	1		1		1		3		1			1	1			1		1			1	1	1	14
Gunma	5	2			3			1	1	1	1	1	3	2			1	1	3			1				26





Shimane	2	2			1				1															6	
Okayama	8	8	15		3		8	4	5		6	3	1	1		3	2	2	1	1	5	1	1	78	
Hiroshima	1	1	3		2		1	3	2	1	2	2	3		2	2	1		2	2	1		3	3	37
Yamaguchi																									
Tokushima		1	2		1			1				1		1						1			1	9	
Kagawa																	1		1	1				3	
Ehime	23	14	11		8		6	8	7	5	5	8	10	3	6	7	6	4	6	4	3	4	3	5	156
Kochi																									
Fukuoka	3	1	1		6		3	4	3	3	5	1	1	1	4	1	1	1	1	1	1	4	1	47	
Saga	1	3	1				1	2		1														9	
Nagasaki																									
Kumamoto																1								1	
Oita								1																1	
Miyazaki														2	1								1	4	
Kagoshima		1							1	1														3	
Okinawa														1	1									2	
total	177	150	140	114	119	108	98	101	85	66	77	56	70	56	67	69	54	59	68	64	66	45	41	53	2,003

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.



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

Causal agents (large) of fatal accidents in weaving in 1999-2022























environment																							
high/cold temperature environment																							
other environments																							
other causal agent																							
no causal agent																							
unclassifiable																			4				4
total		2	2	4			3		1							1	1			4			18

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

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

Month of fatal accidents in weaving 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	
February																										
March																	1								1	
April			1				1																		2	
May																										
June		1		4																	4				9	







Shimane																							
Okayama			1																				1
Hiroshima																							
Yamaguchi																							
Tokushima																							
Kagawa																							
Ehime			1																				1
Kochi																							
Fukuoka				4																			4
Saga																							
Nagasaki																							
Kumamoto																							
Oita																							
Miyazaki																							
Kagoshima																							
Okinawa																							
total		2	2	4			3		1						1	1			4				18

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

Return to [https://www.jisha.or.jp/english/statistics/2022e\\_industry.html](https://www.jisha.or.jp/english/statistics/2022e_industry.html)