

Fatal and non-fatal accidents in cotton-spinning in Japan in 1999-2022

cotton-spinning industry Code No.010202

Type of accidents in cotton-spinning 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	10	11	13	8	9	9	5	5	11	8	2	8	3	1	6	5	2	1	2	2	5	2	3	2	133
falling to same level	12	10	7	10	16	4	6	10	5	1	3	2	5	8	7	7	7	4	8	12	6	4	2	6	162
crash	5	5	2	4	2	3	1	1	1		1			2		3	1	1	1		1	1		1	36
struck by flying or falling object	6	4	3	2	4	1	3	3	2	1	2	1		2	3	1	1		1	2				2	44
collapse	1			2	2		1		1			1									1		1		10
crashed by	6	4	2	2	2	2	3	3	1	3	1	1			1		2		1					1	35
caught in/between	60	55	45	40	24	25	19	27	27	20	18	15	18	15	15	10	16	14	18	13	14	7	16	10	541
cut	18	9	6	13	4	2	7	6	7	4	1	3		4		2	1	1		4	2	1	2	6	103
injury to the sole of the foot				1																					1
drown																									
contact to high/low-	1		2	2				1					1	1				1		1	2				12

temperature																									
contact to harmful substance	1			1																			1		3
electric shock												1													1
explosion																									
burst																									
fire																									
traffic accident (public road)		1					1				1		1	1											5
traffic accident (others)																									
reaction to motion/improper motion	8	3	7	6	2	2	3	5	4	3	1	2	3	2	2	2	4	3	4	2	4	1	5	4	82
others									1								1	1							3
unclassifiable	1						1											1							3
total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	32	1,174

Causal agents (large) of fatal and non-fatal accidents in cotton-spinning 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	71	64	44	51	26	26	24	30	28	17	18	21	18	19	17	12	15	16	18	14	17	8	16	12	602

demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe						1																	1		
drill press, milling machine						1																	1		
grinding machine, buffing machine																1							1		
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																				1				1	
roll machine (except printingroll machine)			5		3		3	1	4	5	1	2	1	3	5	1	2	1	2	3	1	1	1	2	47

pressure vessel												1											1	
other pressure vessels				1																			1	
chemical facilities																								
gas welding equipment																								
arc welding equipment																								
other welding equipment																								
kiln, caldron																								
industrial dryer																								
other kiln, caldron																	1						1	
transmission																								
electric power facilities																								
other electrical equipment						1					1											1	3	
human power cranes																								
human power hauling equipment			1			2	3	1	1	2	1		2	2	2	3		1	1	2		1	1	26

human power								1								1								2	
machine																									
hand tool			7		1		2	3	3	2				2	1	2	1			2			1	3	30
ladder			6		6		2	4	6	5		2	3	2	4	3	2	1	1	1	2	1	2	1	54
slinging tool																									
other tools			2		3		2	2	1	1		1	1	1	1				2	2		1	2	22	
other equipment, facilities			2		1			2	1	1			1	1				1			1	1		1	13
scaffolding														1											1
timbering																									
stairs, landing stage			1		1		1	1	3	1		1			1	1		1		1			1	14	
opening															1										1
roof, beam, haze, crossbeam, principal rafter					2														1						3
working platform, boot board			4		5		3	2	2	1	1	1	1		1	2		2	1	2	1				29
passage			3		4		2	7	2		1			1	3	1	2	2	3	3	1	3	1	3	42
building, establishment			1		1		1					1				2						1			7
other temporary buildings,							1		2	1								1	1	2		1	1		10

environment																									
high/cold temperature environment			1																	1	2				4
other environments													1	1		2									4
other causal agent			1													1	2	2			1			1	8
no causal agent			2		1		1	2		2		2	2	2	1		1	2	2	2	3		3	2	30
unclassifiable																									
total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	32	1,174

Workers age of fatal and non-fatal accidents in cotton-spinning 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	4	1	1			1	4	1	1		1	1	1		1	1		2			1		32
20-29	11	8	6	15	7	3	8	3	8	1	4	1	6		4	4	5	2	6	2	3	3	5	7	122
30-39	15	11	10	10	6	8	4	9	2	4	1	5	4	4	4	3	4	2	2	5	9	2	4	5	133
40-49	23	12	15	10	12	12	7	12	10	9	7	4	4	8	5	5	7	3	1	4	5	3	3	7	188
50-59	55	49	34	39	22	19	14	24	20	19	9	9	7	8	11	7	13	8	11	10	8	1	8	2	407
60 years old or more	20	16	18	16	17	6	17	12	16	6	8	15	9	15	9	11	5	11	15	13	10	7	9	11	292
total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	32	1,174

Workers' number of workplace of fatal and non-fatal accidents in cotton-spinning 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	29	16	16	15	19	10	15	9	13	5	7	9	8	11	7	8	7	4	6	5	3		2	3	227
10-29	40	30	32	25	16	19	12	24	17	11	9	12	7	7	8	9	14	6	9	7	14	6	11	10	355
30-49	9	15	14	21	10	5	7	8	13	5	4	4	7	5	8	3	3	5	7	6	2	4	3	7	175
50-99	17	13	9	13	11	6	6	11	10	12	5	5	7	13	7	7	9	8	7	11	15	2	12	7	223
100-299	24	23	14	17	8	7	10	9	7	7	5	4	2		4	3	2	4	6	6	1	4	2	5	174
300 workers or more	10	5	2		1	1														1					20
total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	32	1,174

Month of fatal and non-fatal accidents in cotton-spinning 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	13	11	10	6	5	6	1	4	4	3	3	4	3		3	5	5	1	3	4	2	1	7	3	107
February	11	10	9	7	6	3	5	8	3	7	4	1	2	4	2	4	5	4	2		3		1	2	103
March	17	14	5	4	3	4	3	7	5	3	2	2	4	3		1	3	2	3	8	3	1	3	2	102
April	9	9	6	11	4	4	4	4	7	6	2	3	5	4	4	2		1	3	4	3	3		4	102
May	7	8	5	4	7	3	2	5	1		3	1	3	6	4	3	4	1	3	6	3	3	3	4	89
June	10	10	16	6	6	4	6	7	5	3	4	3	1	1	1	2	4		2	2	3	2	5		103

Saitama																									
Chiba							1																		1
Tokyo	1					1		1									1								4
Kanagawa		1										1	1						2				1	6	
Niigata	1				1		1	1		1	1	1	1						2						10
Toyama	2	2	1		1		1		1			3	1		1		2	1				1			17
Ishikawa	1	7	12		6		8	6	1	7	4	4	1	2	3	4	5	3	2	2	2		3	4	87
Fukui	5	4			2		1	2	5	3	2	2	3	2	2	3	2	1	3	4	2		2	1	51
Yamanashi	1	1																							2
Nagano	2	1							1		1	1			1	1		1						2	11
Gifu	20	13	6		6		2	6	4	1	1	1	3	3	3	2		1	1	1	2		1	2	79
Shizuoka	2	3	2		1		2			1	1	1							1						14
Aichi	37	10	17		9		11	10	10	5	6	8	6	5	6	4	5		10	6	4	3	4	3	179
Mie	4	2	3		2		1				1						1				1	1	2	2	20
Shiga	3	1			1		1		1	2	1				1	2	1		2	2	1		2	1	22
Kyoto	5	1			2			2	3					1			1					1		2	18
Osaka	21	27	27		18		13	17	17	9	9	10	6	10	10	4	5	7	7	4	10	4	9	9	253
Hyogo	2	2	1				1	1	1		1	1		1	2		1								14
Nara			1																						1
Wakayama	3	2	1		2		1	1	2	1			1			1	1			1					17
Tottori	1												1							1					3

Shimane		3	2					2	1	2	1			1	1			1		1		2	1		18
Okayama		2			1		1	1	2	2	1	1	1		1		2	3		1	2		1	1	23
Hiroshima	4	2	2		3		1	1	4			2		1		1	1								22
Yamaguchi																						1			1
Tokushima		1																							1
Kagawa		1	1				1	1		1								1		1					7
Ehime																								1	1
Kochi							1								1										2
Fukuoka																									
Saga		1	1		2			1	2	1							1								9
Nagasaki	1		1						1					2			2	2		1	2	1	2	1	16
Kumamoto	2	2	4		2		1	3	1	1		1		1	1	1	2	3	1	4	3	1			34
Oita	1	2			1							1			1	1				1			1		9
Miyazaki	1	4	2		3								1	3	2	4	2	1	3	2	4	1	1	1	35
Kagoshima	5	3	1		1		1	2	1							1	2	1							18
Okinawa																									
total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	32	1,174

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																									
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)																									
traffic accident (others)																									
reaction to motion/improper motion																									
others																									
unclassifiable																									
total	1		1						1				1												4

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

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

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