

Fatal and non-fatal accidents in cotton-spinning in Japan in 1999-2021

cotton-spinning industry Code No.010202

Type of accidents in cotton-spinning 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	10	11	13	8	9	9	5	5	11	8	2	8	3	1	6	5	2	1	2	2	5	2	3	131	fall from height	
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	156	falling to same level	
crash	5	5	2	4	2	3	1	1	1		1			2		3	1	1	1		1	1		35	crash	
struck by flying or falling object	6	4	3	2	4	1	3	3	2	1	2	1		2	3	1	1		1	2				42	struck by flying or falling object	
collapse	1			2	2		1		1			1									1		1	10	collapse	
crashed by	6	4	2	2	2	2	3	3	1	3	1	1			1		2		1					34	crashed by	
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	531	caught in/between	
cut	18	9	6	13	4	2	7	6	7	4	1	3		4		2	1	1		4	2	1	2	97	cut	
injury to the sole of the foot				1																				1	injury to the sole of the foot	
drown																										drown
contact to high/low-temperature	1		2	2				1					1	1				1		1			2	12	contact to high/low-temperature	

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																			1					1	other kiln, caldron
transmission																									transmission
electric power facilities																									electric power facilities
other electrical equipment							1					1												2	other electrical equipment
human power cranes																									human power cranes
human power hauling equipment			1				2	3	1	1	2	1		2	2	2	3		1	1	2		1	25	human power hauling equipment
human power machine									1							1								2	human power machine
hand tool			7		1		2	3	3	2				2	1	2	1			2			1	27	hand tool
ladder			6		6		2	4	6	5		2	3	2	4	3	2	1	1	1	2	1	2	53	ladder
slinging tool																									slinging tool
other tools			2		3		2	2	1	1		1	1	1	1					2	2		1	20	other tools

harmful substances																						1	1	harmful substances	
metal material				1					1	2						1			1				6	metal material	
lumber, bamboo								1											1				2	lumber, bamboo	
stone, sand, substance																								stone, sand, substance	
other materials				3		1								2					1			1	8	other materials	
load			8	4			2	6		2	2	2	2	2	1	1	1	3	1	1		2	40	load	
machine/equipment as load						1				1								1					3	machine/equipment as load	
natural ground, rock																								natural ground, rock	
standing tree																								standing tree	
water						1																	1	water	
abnormal environment																								abnormal environment	
high/cold temperature environment			1																1	2			4	high/cold temperature environment	
other environments												1	1		2								4	other environments	
other causal agent			1												1	2	2			1			7	other causal agent	
no causal agent			2		1		1	2		2		2	2	1		1	2	2	2	3		3	28	no causal agent	
unclassifiable																								unclassifiable	
total			87		65		50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	772	total

Workers age of fatal and non-fatal accidents in cotton-spinning 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	4	1	1			1	4	1	1		1	1	1		1	1		2				1	32	19 years old or less
20-29	11	8	6	15	7	3	8	3	8	1	4	1	6		4	4	5	2	6	2	3	3	5	115	20-29	
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	128	30-39	
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	181	40-49	
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	405	50-59	
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	281	60 years old or more	
total	129	102	87	91	65	48	50	61	60	40	30	34	31	36	34	30	35	27	35	36	35	16	30	1,142	total	

Workers' number of workplace of fatal and non-fatal accidents in cotton-spinning 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	29	16	16	15	19	10	15	9	13	5	7	9	8	11	7	8	7	4	6	5	3		2	224	9 workers or less
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	345	10-29
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	168	30-49
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	216	50-99
100-299	24	23	14	17	8	7	10	9	7	7	5	4	2		4	3	2	4	6	6	1	4	2	169	100-299
300 workers or more	10	5	2		1	1														1				20	300 workers or more

Aomori																							Aomori		
Iwate																							Iwate		
Miyagi		2					1			1		2						1	1				8	Miyagi	
Akita																								Akita	
Yamagata	2	1	1		1					2				1			1					1		10	Yamagata
Fukushima							1	2						1			1							5	Fukushima
Ibaraki			1				1	1																3	Ibaraki
Tochigi																									Tochigi
Gunma	2	1																						3	Gunma
Saitama																									Saitama
Chiba								1																1	Chiba
Tokyo	1						1		1								1							4	Tokyo
Kanagawa		1											1	1						2				5	Kanagawa
Niigata	1				1			1	1		1	1	1	1					2					10	Niigata
Toyama	2	2	1		1		1			1			3	1		1		2	1				1	17	Toyama
Ishikawa	1	7	12		6		8	6	1	7	4	4	1	2	3	4	5	3	2	2	2		3	83	Ishikawa
Fukui	5	4			2		1	2	5	3	2	2	3	2	2	3	2	1	3	4	2		2	50	Fukui
Yamanashi	1	1																						2	Yamanashi
Nagano	2	1								1		1	1			1	1		1					9	Nagano
Gifu	20	13	6		6		2	6	4	1	1	1	3	3	3	2		1	1	1	2		1	77	Gifu
Shizuoka	2	3	2		1		2			1	1	1							1					14	Shizuoka
Aichi	37	10	17		9		11	10	10	5	6	8	6	5	6	4	5		10	6	4	3	4	176	Aichi
Mie	4	2	3		2		1				1						1				1	1	2	18	Mie

shearing machine																							shearing machine
other metal manufacturing machines																							other metal manufacturing machines
centrifugal machine																							centrifugal machine
mixer, grinder																							mixer, grinder
roll machine (except printingroll machine)																							roll machine (except printingroll machine)
injection molding machine																							injection molding machine
food manufacturing machine																							food manufacturing machine
printing machine																							printing machine
industrial robot																							industrial robot
other general power machines													1									1	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

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																					1	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			1						1				1											4	total

Month of fatal accidents in cotton-spinning 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	February
March										1															1	March
April				1																					1	April
May																										May
June																										June
July																										July
August	1																								1	August
September																										September
October																										October

Fukuoka																								Fukuoka	
Saga									1															1	Saga
Nagasaki																									Nagasaki
Kumamoto																									Kumamoto
Oita																									Oita
Miyazaki																									Miyazaki
Kagoshima																									Kagoshima
Okinawa																									Okinawa
total	1			1					1				1											4	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