

Fatal and non-fatal accidents in screw products in Japan in 1999-2021

screw products industry Code No.011202

Type of accidents in screw 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	7	2	7	7	6	8	5	6	8	6	5	6	4	8	1	5	5	8	9	5	5	4	7	134	fall from height	
falling to same level	4	14	14	5	5	4	8	3	10	10	5	4	8	7	4	8	2	4	9	14	4	4	17	167	falling to same level	
crash	3	5	5	6	6	4	5	3	3	4		6	3	5	5	3	5	2	4	4	1	6	1	89	crash	
struck by flying or falling object	9	14	8	9	8	7	5	9	9	10	7	8	6	4	7	6	8	8	4	4	6	3	3	162	struck by flying or falling object	
collapse	2	1	2	1	2	2	4		3	4	2	2		3	2	1		1	4	1	1	1	1	40	collapse	
crashed by	6	3	5	2	7	8	3	4	4	3	3	1	1	2	1	3	3	5	2	4	6	2	4	82	crashed by	
caught in/between	48	36	55	34	34	36	45	47	51	47	29	35	37	30	30	27	24	24	42	31	28	15	24	809	caught in/between	
cut	5	8	6	14	13	10	8	8	6	7	1	3	4	11	5	4	5	2	5	2	4	2	6	139	cut	
injury to the sole of the foot			1				2														2			5	injury to the sole of the foot	
drown																										drown
contact to high/low-temperature		1	1	2	1		3				1	1	3			1		1	1	1	1	1	1	19	contact to high/low-temperature	

engine									1														2	engine		
power transmission mechanism			1		3				1			1		4	3	3	2	1		2	1	1	3	1	27	power transmission mechanism
circular sawing machine																1								1	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																								1	chamfering machine, router, woodworking milling machine	
chain saw																									chain saw	
other woodworking machines																								1	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			1	1													1						3	industrial robot
other general power machines			10	8	5	4	5	4			10	5	4	5	5	4	1	9	10	6	1	5	101	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	8	3	5	2	1	2	3	5	4	1	5	1	3	2	1		1	5	53	crane	
mobile crane																								mobile crane
derrick crane																								derrick crane
elevator, lift					1				1		1												3	elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway

facilities						1			1	1	1	1	1	1	1	3	4	3				1	2	20	facilities
scaffolding																									scaffolding
timbering																									timbering
stairs, landing stage			2			2	4	1	3	1	1				3	1	2	1	4	2		3	30	stairs, landing stage	
opening						1		1				1		1										4	opening
roof, beam, haze, crossbeam, principal rafter													1											1	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			3		1	2		4	3	1	3	1	2		1		2					2		25	working platform, boot board
passage			6		2	3	1	3	2	3	2	6	1	1	4		1	4	7	3	1	11	61	passage	
building, establishment			1		1	2		3							1									8	building, establishment
other temporary buildings, establishments					1			2		1		1							3					8	other temporary buildings, establishments
explosive substance								1																1	explosive substance
inflammable substance						1																		1	inflammable substance
inflammable gas												1												1	inflammable gas
harmful substance			1									1								1		1		4	harmful substance
radiation																									radiation
other hazards, harmful substances					1	1	1	1															1	5	other hazards, harmful substances

metal material			15		13		8	15	9	13	4	8	4	9	6	1	5	5	8	6	6	3	4	142	metal material
lumber, bamboo					1						1					1	1		1		1			6	lumber, bamboo
stone, sand, substance																	1							1	stone, sand, substance
other materials			1							2			1											4	other materials
load			11		7		7	10	6	9	7	1	1	2	4	8	1	4	1	4	7	1	1	92	load
machine/equipment as load			1							1				1			1						2	6	machine/equipment as load
natural ground, rock																									natural ground, rock
standing tree																									standing tree
water																									water
abnormal environment																									abnormal environment
high/cold temperature environment			1								1	1								1		1		5	high/cold temperature environment
other environments										1			1		1	1			1			1		6	other environments
other causal agent					1						1					1		1		1				5	other causal agent
no causal agent			2		5		5	2		6	1	6	1	3	2		3		1	1		2		40	no causal agent
unclassifiable			1						1			1							1		1			5	unclassifiable
total			117		97		96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	1,463	total

Workers age of fatal and non-fatal accidents in screw 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	3	2	2	2	2	6	4	3	1	4	1	1		3	1	2	3		2	1	3	1	1	48	19 years old or less
20-29	20	13	21	19	22	19	21	16	26	27	9	23	20	13	12	14	8	13	14	10	12	7	7	366	20-29
30-39	11	13	26	17	19	13	13	22	14	19	8	15	13	15	18	16	19	9	15	16	14	7	12	344	30-39
40-49	19	22	20	11	16	10	20	12	11	22	12	11	11	16	12	10	9	12	24	16	16	9	19	340	40-49
50-59	27	30	34	20	23	23	22	21	20	17	13	16	12	10	6	10	6	11	18	17	9	12	14	391	50-59
60 years old or more	11	11	14	14	15	13	16	16	28	16	18	10	17	17	13	11	13	11	11	15	12	5	16	323	60 years old or more
total	91	91	117	83	97	84	96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	1,812	total

Workers' number of workplace of fatal and non-fatal accidents in screw 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	22	23	27	24	28	18	22	22	29	21	15	18	13	15	10	16	16	11	17	14	9	4	9	403	9 workers or less
10-29	28	30	36	29	35	25	33	26	27	28	16	18	17	25	16	17	23	17	20	18	13	15	20	532	10-29
30-49	13	16	21	14	16	17	14	16	16	18	12	16	16	10	19	13	7	9	15	12	17	4	9	320	30-49
50-99	18	17	25	14	5	14	19	13	15	27	11	12	15	14	11	8	8	12	18	11	15	8	11	321	50-99
100-299	8	5	8	1	11	9	6	10	11	9	6	11	7	8	6	8	4	5	14	18	9	9	18	201	100-299
300 workers or more	2			1	2	1	2	3	2	2	1	1	5	2		1		2		2	3	1	2	35	300 workers or more
total	91	91	117	83	97	84	96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	1,812	total

Miyagi	1	1			2		1				1	4	1	1									13	Miyagi	
Akita					1																		1	Akita	
Yamagata			1			2	1	1				1										2	8	Yamagata	
Fukushima		2	4		1		2	1	4	1	1		2	1		1	1	1	1	1		2	26	Fukushima	
Ibaraki	2	2	2		1		2	1		1	2			3		3		1	2			3	25	Ibaraki	
Tochigi	1	1					2									1		2	1			1	9	Tochigi	
Gunma			1		1		1	1		1					2					1			9	Gunma	
Saitama	3	4	14		10		8	8	3	7	2	4	3	5	5	2	5	1	1	4	2		6	97	Saitama
Chiba		2	4		2				3	7	2	1	1	1	2	1	2			2	1			31	Chiba
Tokyo	4	3	6		4		5	6	3	11	6	3	3	5	4	1	3	5	3	2	3	1	4	85	Tokyo
Kanagawa	2		1		1		2	3	2	4	2	2		1	2	2	1	1	5				1	32	Kanagawa
Niigata		3	3		1		3	2	1	3		2	3		2	2		1	1		1	1		29	Niigata
Toyama					1		1		1		1					3						1	1	9	Toyama
Ishikawa	2		1		2		2	2	1	2		2			1	1							1	17	Ishikawa
Fukui	1		3								1	1	1			3				1	3			14	Fukui
Yamanashi		1	1				1	1	1			1			1	1				1		1		10	Yamanashi
Nagano			1				1								3								1	6	Nagano
Gifu	2	6	5		6		2		5	3		2		3		3	2	1	2	2	2	1	1	48	Gifu
Shizuoka	6	4	3		4		2	3	10	3	3	2	6	3	3	1	2		3	3	5	7	1	74	Shizuoka
Aichi	13	8	6		12		8	4	11	11	4	7	7	12	4	3	6	8	11	9	7	5	6	162	Aichi
Mie		2	2		1			1		2	1	1	2	3	4	1		1	1	1		1		24	Mie
Shiga			2		2					2			1		1		1	2	3	3	1		3	21	Shiga
Kyoto	2	1	6		4		4	4	6	2	1	1	5	2		5		1	2	3	1	4	1	55	Kyoto

Osaka	36	31	27		23		31	29	35	24	20	21	25	23	16	20	20	20	20	20	26	11	20	498	Osaka
Hyogo	1	3	7		3		12	8	3	4	7	2	1	2	1	6		1	5	1	2	1	4	74	Hyogo
Nara		5	2		2		1		2				1	1				7	3	5	1	1	31	Nara	
Wakayama		1	2		3		1		1	2			1	1	1		1	2	2	2	2	1		23	Wakayama
Tottori		1	1		1		1	1	2	1						1								9	Tottori
Shimane																									Shimane
Okayama	2	1			1		1		1	2				1		1		1	1			1	2	15	Okayama
Hiroshima	1	3	4		3		1	1	3	1	2	2	3	1	4	1	4	1		4	1	2	2	44	Hiroshima
Yamaguchi	1	1	1							1		2	1		1				1	1		1		11	Yamaguchi
Tokushima	1		1		1		4					2	1		1			1	3	1	1			17	Tokushima
Kagawa	1								1				1		1		1			1				6	Kagawa
Ehime									1	1														2	Ehime
Kochi																									Kochi
Fukuoka	1	2	1		2		2	3		2	3	3		2		2	3	2	1	1				30	Fukuoka
Saga	2		1		1			1		1	2		1	1			1	2		1	1		2	17	Saga
Nagasaki	2	2	2		1			2	2	2	1	4	4	2	1	1		4	4	3	1	1	2	41	Nagasaki
Kumamoto	2																							2	Kumamoto
Oita										1														1	Oita
Miyazaki	1		2					1														1	1	6	Miyazaki
Kagoshima		1										2							1	1	1		1	7	Kagoshima
Okinawa													1											1	Okinawa
total	91	91	117		97		96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	1,645	total

injury to the sole of the foot																								injury to the sole of the foot		
drown																								drown		
contact to high/low-temperature																		1						1	contact to high/low-temperature	
contact to harmful substance																							1	1	contact to harmful substance	
electric shock																									electric shock	
explosion																									explosion	
burst																									burst	
fire																									fire	
traffic accident (public road)																									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	1							1	1								1	1						1	8	total

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

