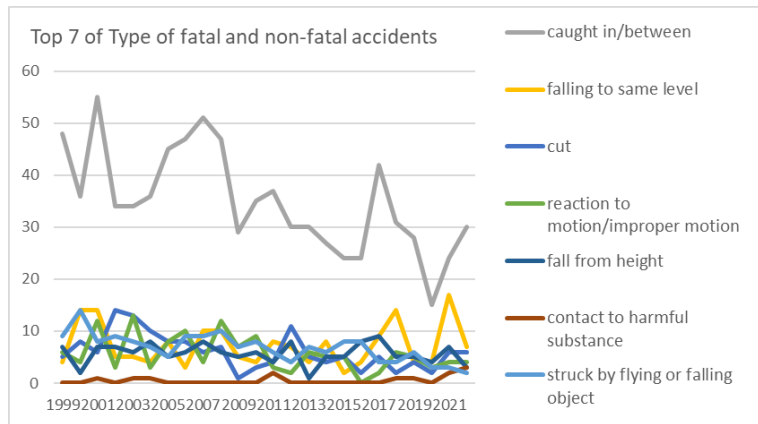
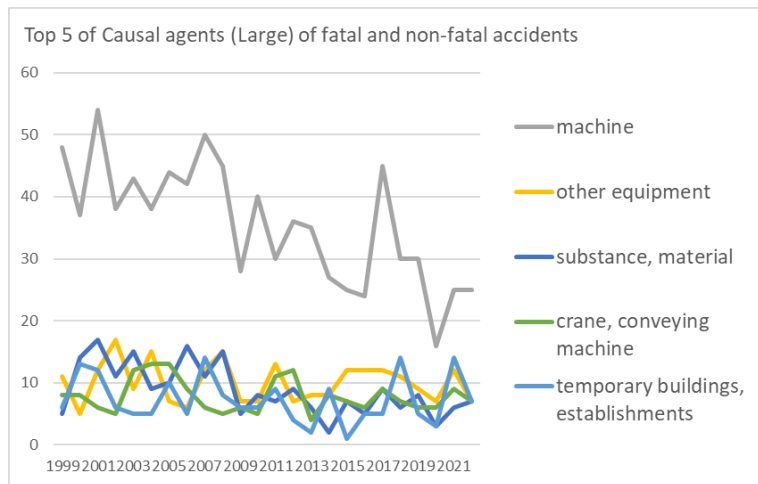


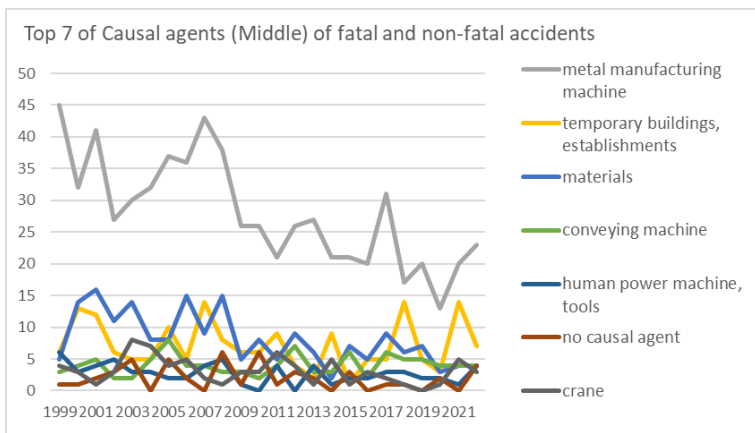
Transition of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



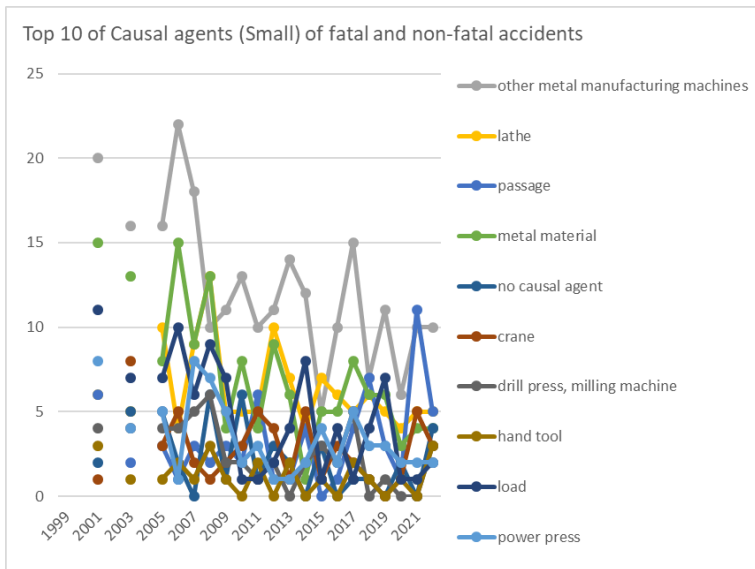
Transition of Top 7 of Type of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



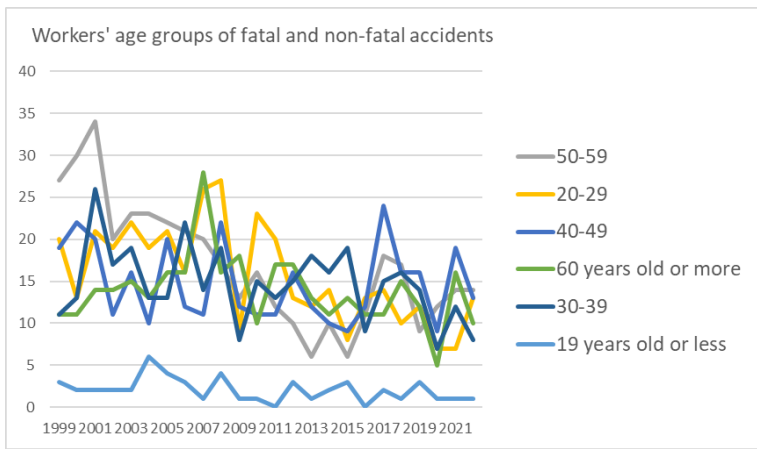
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



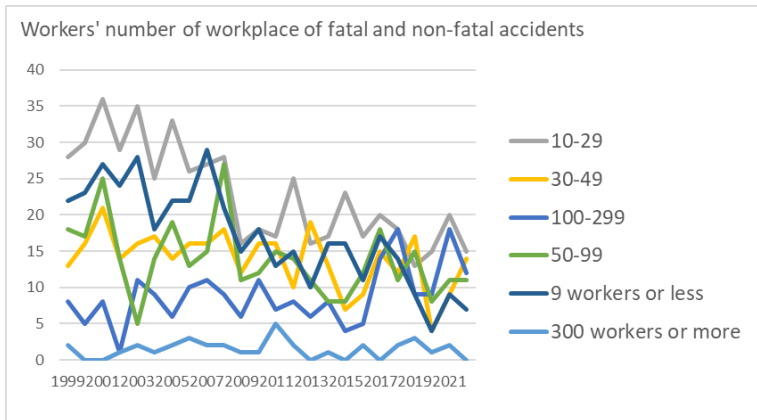
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



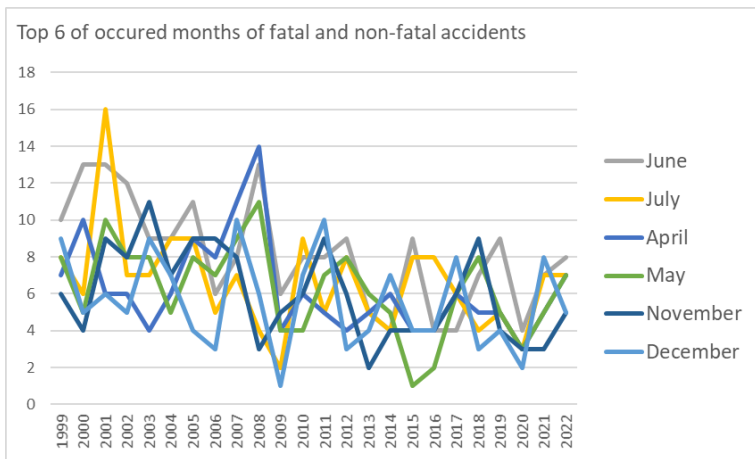
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



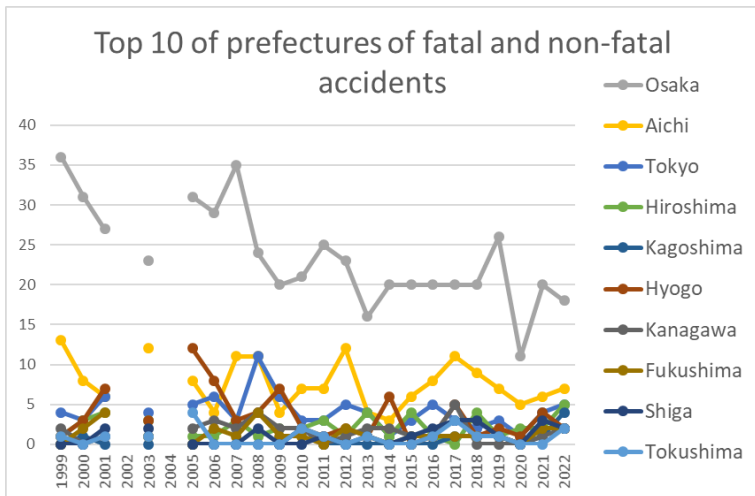
Transition of workers' age groups of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 011202 screw products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 011202 screw products in Japan (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	Type of accidents
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	30	839	caught in/between
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	7	174	falling to same level

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 011202 screw products in Japan (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	Causal (M) agents
metal manufacturing machine	45	32	41	27	30	32	37	36	43	38	26	26	21	26	27	21	21	20	31	17	20	13	20	23	673	metal manufacturing machine
temporary buildings, establishments	6	13	12	6	5	5	10	5	14	8	6	6	9	4	2	9	1	5	5	14	5	3	14	7	174	temporary buildings, establishments
materials	5	14	16	11	14	8	8	15	9	15	5	8	5	9	6	2	7	5	9	6	7	3	4	4	195	materials
conveying machine	3	4	5	2	2	5	8	4	4	3	3	2	4	7	3	3	6	2	6	5	5	4	4	4	98	conveying machine
human power machine, tools	6	3	4	5	3	3	2	2	4	5	1		4		4	1	2	2	3	3	2	2	1	4	66	human power machine, tools
no causal agent	1	1	2	3	5		5	2		6	1	6	1	3	2		3		1	1		2		4	49	no causal agent
crane	4	3	1	3	8	7	4	5	2	1	3	3	6	4	1	5	1	3	2	1		1	5	3	76	crane
hazards, harmful substances			1		1	1	2	1	2				2								1		2	3	16	hazards, harmful substances
tools	5	2	6	9	5	5	4	3	6	7	5	6	4	6	3	4	6	4	9	7	6	4	9	2	127	tools
load	10	10	12	3	7	3	7	10	6	10	7	1	1	3	4	8	2	4	1	4	7	1	3	2	126	load
general machine	3	5	12	10	10	4	7	5	7	5	1	10	6	5	6	5	4	2	13	11	7	2	5	1	146	general machine

ladder			4		3		2	1	3	3	2	3	4	2	1	2	2	3	8	3	3	3	4	1	57	ladder
forklift			2		2		5	2	4	1	1	2	1	4	2	2	3	1	2	4	3	2	1	1	45	forklift
other tools			1		2		1	2	2	3	2	2		3	1	1	4		1	4	1	1	2	1	34	other tools
stairs, landing stage			2				2	4	1	3	1	1				3	1	2	1	4	2		3	1	31	stairs, landing stage
power transmission mechanism			1		3			1		1		4	3	3	2	1		2	1	1	3	1		1	28	power transmission mechanism
other equipment, facilities							1			1	1	1	1	1	1	3	4	3				1	2	1	21	other equipment, facilities
truck			2				2	1			1		1	2	1			1	4	1	1	2		1	20	truck
other temporary buildings, establishments					1				2		1		1											1	9	other temporary buildings, establishments
other hazards, harmful substances					1		1	1	1														1	1	6	other hazards, harmful substances
forging pressure hammer								1							1				1					1	4	forging pressure hammer
human power machine										2														1	3	human power machine
injection molding machine			1																					1	2	injection molding machine
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
working platform, boot board			3		1		2		4	3	1	3	1	2		1		2					2		25	working platform, boot board
human power			1		2		1		3				2		2	1	1	2	1	2	2	1	1		22	human power

hauling equipment																								hauling equipment		
slinging tool			1				1		1	1	1	1		1	1	1			2		3			15	slinging tool	
roll machine (except printingroll machine)							2	1	1					1	1			1	3		1			11	roll machine (except printingroll machine)	
cars, bus, motorcycle					2		1			1				1	1			1	1	1	1	1			11	cars, bus, motorcycle
building, establishment			1		1		2		3						1										8	building, establishment
lumber, bamboo					1					1					1	1		1		1					6	lumber, bamboo
machine/equipment as load			1							1				1		1							2		6	machine/equipment as load
other environments										1			1		1	1			1			1			6	other environments
other powered conveying machines										1			2	1									1		5	other powered conveying machines
high/cold temperature environment			1								1	1									1		1		5	high/cold temperature environment
other causal agent					1						1					1		1		1					5	other causal agent
unclassifiable			1						1			1							1		1				5	unclassifiable
centrifugal machine									1	1	1		1												4	centrifugal machine
arc welding equipment								1		1													1		4	arc welding equipment
other welding equipment					1				1														1		4	other welding equipment

total	91	91	117	83	97	84	96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	59	1,871	total
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Transition of workers' age groups of fatal and non-fatal accidents in 011202 screw products in Japan (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	Age
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	14	405	50-59
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	13	379	20-29
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	13	353	40-49
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	10	333	60 years old or more
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	8	352	30-39
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	1	49	19 years old or less
total	91	91	117	83	97	84	96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	59	1,871	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 011202 screw products in Japan (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	Workers scale
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	15	547	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	14	334	30-49
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	12	213	100-299
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	11	332	50-99
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	7	410	9 workers or less
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	59	1,871	total

Transition of occurred months of fatal and non-fatal accidents in 011202 screw products in Japan (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	Month
June	10	13	13	12	9	9	11	6	8	13	6	8	8	9	5	4	9	4	4	7	9	4	7	8	196	June
July	8	6	16	7	7	9	9	5	7	4	2	9	5	8	5	4	8	8	6	4	5	3	7	7	159	July
April	7	10	6	6	4	6	9	8	11	14	4	6	5	4	5	6	4	4	6	5	5	3	5	7	150	April
May	8	5	10	8	8	5	8	7	9	11	4	4	7	8	6	5	1	2	6	8	5	3	5	7	150	May
November	6	4	9	8	11	7	9	9	8	3	5	6	9	6	2	4	4	4	6	9	4	3	3	5	144	November
December	9	5	6	5	9	7	4	3	10	6	1	7	10	3	4	7	4	4	8	3	4	2	8	5	134	December
March	13	10	12	8	10	11	11	7	6	14	5	6	6	6	8	5	5	4	6	6	7	4	5	4	179	March
September	9	9	11	6	12	6	9	11	12	8	6	3	4	6	8	5	8	4	4	6	6	6	8	4	171	September
January	4	5	11	5	10	6	4	5	9	8	7	5	5	9	5	5	5	7	13	6	4		2	4	144	January
February	10	6	7	8	6	8	6	9	9	8	10	7	3	6	3	7	4	6	7	8	8	6	4	3	159	February
October	4	8	10	5	6	6	8	15	5	9	7	5	6	2	4	8	3	7	8	9	2	1	7	3	148	October
August	3	10	6	5	5	4	8	5	6	7	4	10	5	7	7	3	3	2	10	4	7	6	8	2	137	August
total	91	91	117	83	97	84	96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	59	1,871	total

Transition of prefectures of fatal and non-fatal accidents in 011202 screw products in Japan (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	Prefecture
Osaka	36	31	27		23		31	29	35	24	20	21	25	23	16	20	20	20	20	20	26	11	20	18	516	Osaka
Aichi	13	8	6		12		8	4	11	11	4	7	7	12	4	3	6	8	11	9	7	5	6	7	169	Aichi
Tokyo	4	3	6		4		5	6	3	11	6	3	3	5	4	1	3	5	3	2	3	1	4	5	90	Tokyo
Hiroshima	1	3	4		3		1	1	3	1	2	2	3	1	4	1	4	1		4	1	2	2	5	49	Hiroshima
Kagoshima		1										2							1	1	1		1	4	11	Kagoshima
Hyogo	1	3	7		3		12	8	3	4	7	2	1	2	1	6		1	5	1	2	1	4	2	76	Hyogo

Kanagawa	2		1		1		2	3	2	4	2	2		1	2	2	1	1	5				1	2	34	Kanagawa	
Fukushima		2	4		1			2	1	4	1	1		2	1		1	1	1	1	1		2	2	28	Fukushima	
Shiga			2		2					2			1		1		1	2	3	3	1		3	2	23	Shiga	
Tokushima	1		1		1		4					2	1		1			1	3	1	1			2	19	Tokushima	
Toyama					1			1		1		1					3						1	1	2	11	Toyama
Saitama	3	4	14		10		8	8	3	7	2	4	3	5	5	2	5	1	1	4	2		6	1	98	Saitama	
Nagasaki	2	2	2		1			2	2	2	1	4	4	2	1	1		4	4	3	1	1	2	1	42	Nagasaki	
Fukuoka	1	2	1		2		2	3		2	3	3		2		2	3	2	1	1				1	31	Fukuoka	
Niigata		3	3		1		3	2	1	3		2	3		2	2		1	1		1	1		1	30	Niigata	
Okayama	2	1			1		1		1	2				1		1		1	1			1	2	1	16	Okayama	
Yamagata			1				2	1	1														2	1	9	Yamagata	
Nagano			1				1									3								1	1	7	Nagano
Kagawa	1								1				1		1				1					1	7	Kagawa	
Shizuoka	6	4	3		4		2	3	10	3	3	2	6	3	3	1	2		3	3	5	7	1		74	Shizuoka	
Kyoto	2	1	6		4		4	4	6	2	1	1	5	2		5		1	2	3	1	4	1		55	Kyoto	
Gifu	2	6	5		6		2		5	3		2		3		3	2	1	2	2	2	1	1		48	Gifu	
Chiba		2	4		2				3	7	2	1	1	1	2	1	2			2	1				31	Chiba	
Nara		5	2		2		1		2				1	1					7	3	5	1	1		31	Nara	
Ibaraki	2	2	2		1			2	1		1	2			3		3		1	2			3		25	Ibaraki	
Mie		2	2		1			1		2	1	1	2	3	4	1		1	1	1		1			24	Mie	
Wakayama		1	2		3		1		1	2			1	1	1		1	2	2	2	2	1			23	Wakayama	
Ishikawa	2		1		2		2	2	1	2		2			1	1							1		17	Ishikawa	
Saga	2		1		1			1		1	2		1	1			1	2		1	1		2		17	Saga	

Fukui	1		3								1	1	1			3			1	3						14	Fukui		
Miyagi	1	1			2		1				1	4	1	1					1								13	Miyagi	
Yamaguchi	1	1	1							1		2	1		1				1	1		1					11	Yamaguchi	
Yamanashi		1	1				1	1	1			1			1	1			1		1						10	Yamanashi	
Tochigi	1	1						2									1		2	1			1				9	Tochigi	
Gunma			1		1		1	1		1		1				2					1						9	Gunma	
Tottori		1	1		1		1	1	2	1						1											9	Tottori	
Miyazaki	1		2					1														1	1				6	Miyazaki	
Iwate	1													1		1											3	Iwate	
Ehime									1	1																	2	Ehime	
Kumamoto	2																										2	Kumamoto	
Hokkaido								1																			1	Hokkaido	
Aomori											1																1	Aomori	
Akita					1																						1	Akita	
Oita											1																1	Oita	
Okinawa																			1								1	Okinawa	
Shimane																													Shimane
Kochi																													Kochi
total	91	91	117	83	97	84	96	90	100	105	61	76	73	74	62	63	58	56	84	75	66	41	69	59	1,871	total			

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