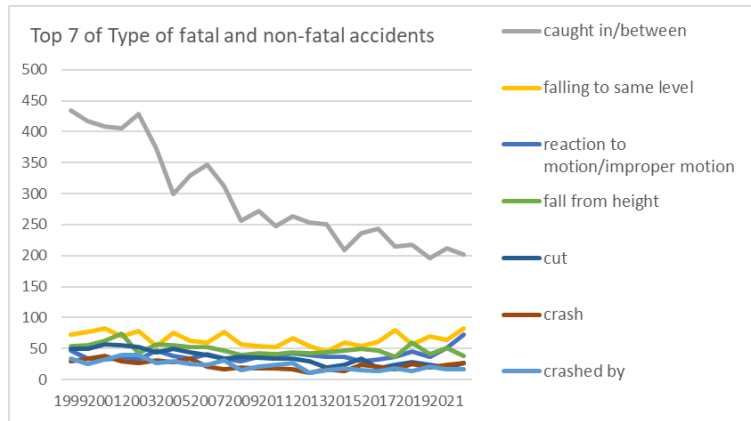
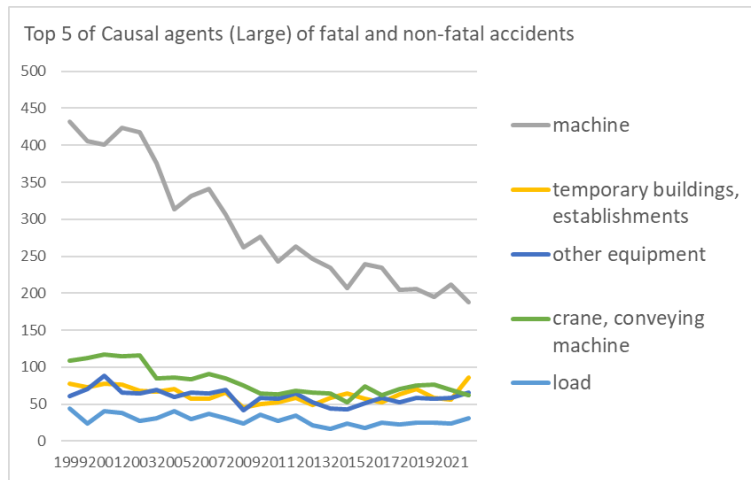


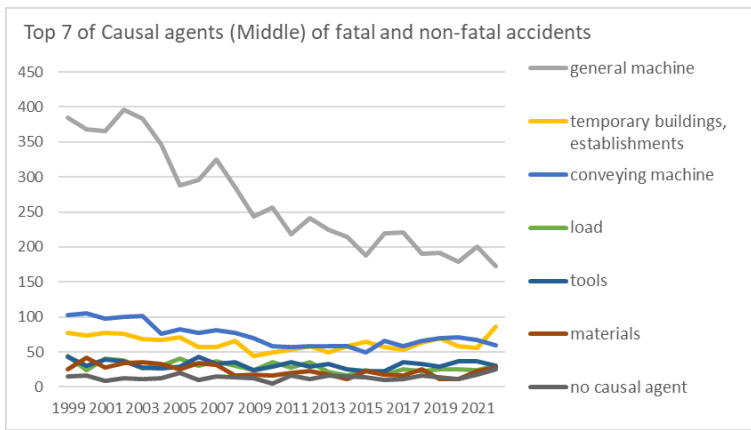
Transition of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



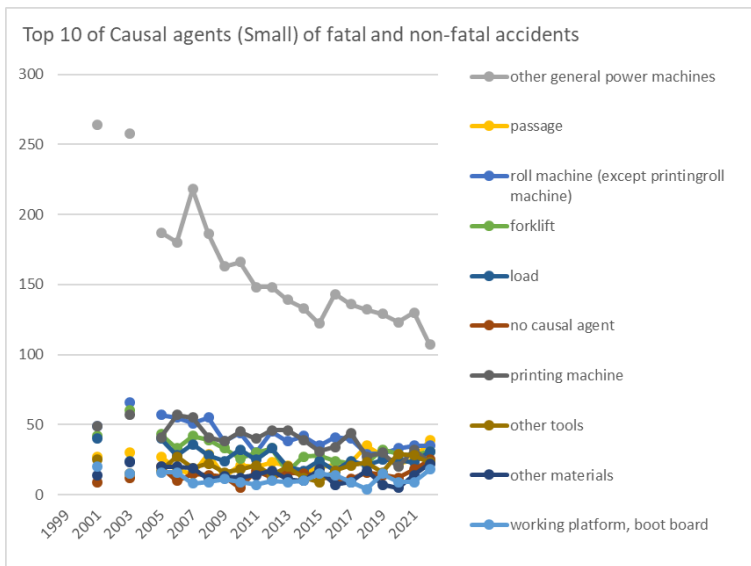
Transition of Top 7 of Type of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



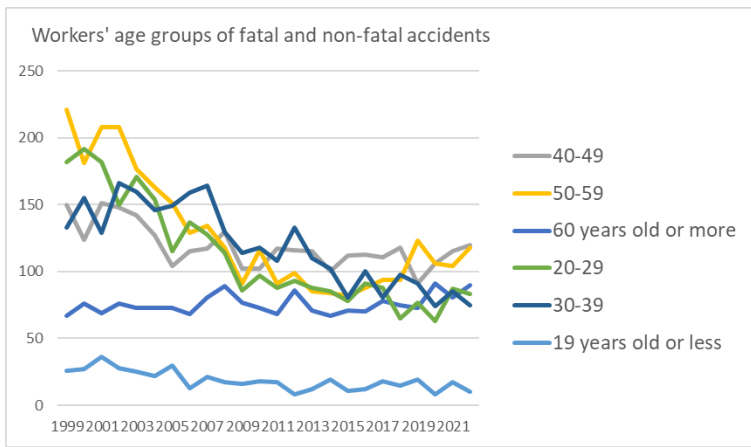
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



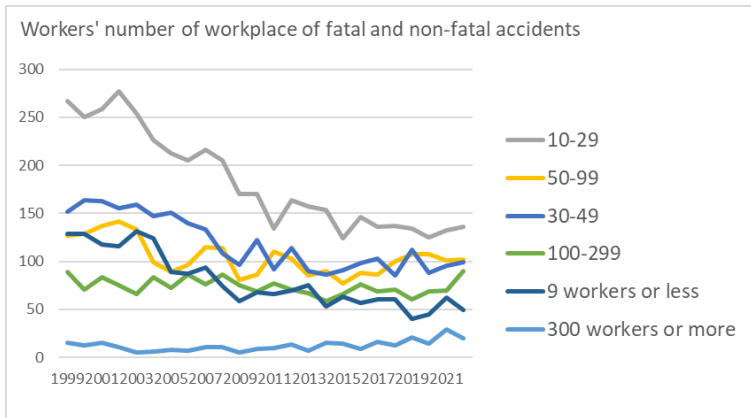
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



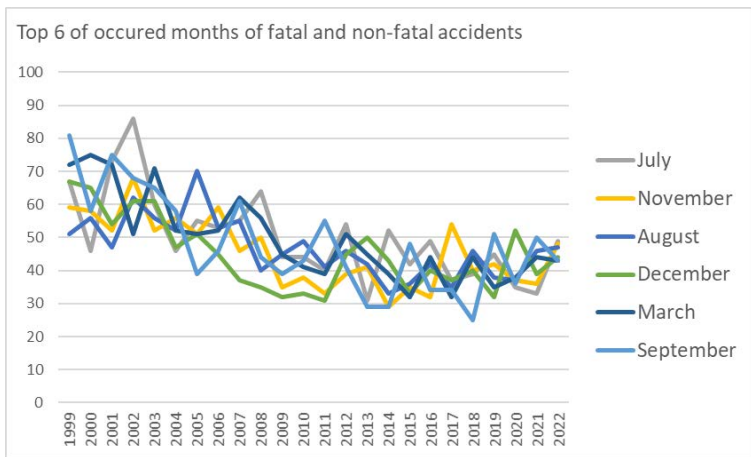
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



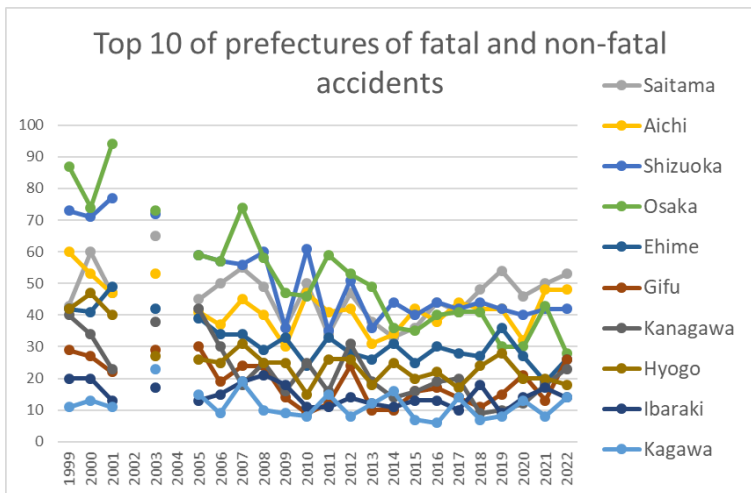
Transition of workers' age groups of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010602 paper processing products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010602 paper processing 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	434	417	408	405	429	372	299	330	347	312	256	272	248	263	254	250	209	236	243	214	218	196	212	201	7,025	caught in/between
falling to same level	73	77	83	70	78	54	76	62	60	77	56	54	52	67	54	45	60	54	61	79	56	69	64	82	1,563	falling to same level

																										level
reaction to motion/improper motion	46	34	32	35	32	46	38	34	41	34	30	36	38	42	39	36	37	30	32	36	45	37	51	72	933	reaction to motion/improper motion
fall from height	54	55	63	74	43	57	55	53	53	46	40	42	41	44	42	44	47	50	46	37	59	41	51	38	1,175	fall from height
cut	49	50	56	55	52	44	50	44	39	34	36	35	34	34	29	20	23	34	18	23	28	23	19	27	856	cut
crash	29	33	38	29	27	31	28	33	21	16	20	18	18	17	11	17	14	24	21	17	25	19	23	27	556	crash
crashed by	33	25	32	40	40	27	30	25	23	31	15	21	24	26	11	15	18	15	13	18	13	21	17	16	549	crashed by
struck by flying or falling object	33	39	31	35	22	27	23	15	25	21	15	20	17	21	16	11	16	10	16	18	12	17	13	12	485	struck by flying or falling object
collapse	13	10	12	13	15	8	14	14	19	17	8	7	4	8	7	7	7	7	3	8	8	7	6	12	234	collapse
contact to high/low-temperature	6	7	8	6	4	5	3	4	5	4	5	7	7	7	6	2	3	3	9	7	4	9	7	6	134	contact to high/low-temperature
traffic accident (public road)	4	3	8	9	2	4	3	3	7	4	1	6	4	5	7	4		5	3	1	1	2	3	1	90	traffic accident (public road)
unclassifiable	2	1		1	1	1		1		1	1			1		1	1		1	1				1	15	unclassifiable
electric shock			1	1	1			1										1		1				1	7	electric shock
others	1	2				2		1	1	1	1	1			1			1	1	1		5	22		41	others
contact to harmful substance	1	1	1	2	1	4	2		2		1	4			2	2		2	1		5	1			32	contact to harmful substance
injury to the sole of the foot					1		1	1			1		1		1	1		1	1	1		1	1		12	injury to the sole of the foot
traffic accident	1	1	1												1	1				2					7	traffic accident

(others)																											(others)
explosion						3													1	1						5	explosion
fire				1					1			1				1		1								5	fire
burst			1						1																	2	burst
drown													1													1	drown
total	779	755	775	776	748	685	622	621	645	598	486	524	489	535	481	457	435	474	470	465	474	448	489	496	13,727	total	

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010602 paper processing products in Japan (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	Causal (L) agents
machine	432	406	401	424	418	376	313	332	341	306	262	276	243	263	246	235	207	239	234	204	206	195	212	188	6,959	machine
temporary buildings, establishments	78	73	78	76	68	67	71	57	57	66	45	50	53	58	49	58	65	57	53	63	70	58	56	86	1,512	temporary buildings, establishments
other equipment	61	71	88	66	64	69	60	66	65	69	42	59	57	65	52	44	43	51	59	52	58	57	58	66	1,442	other equipment
crane, conveying machine	109	113	117	115	116	85	86	84	91	85	75	65	63	68	66	64	53	74	62	70	75	76	69	62	1,943	crane, conveying machine
load	44	24	41	38	27	31	40	30	37	31	24	36	28	35	21	17	24	18	25	23	25	25	24	31	699	load
others	23	25	13	16	16	16	22	15	17	19	18	8	19	17	20	17	16	10	13	21	18	16	41	30	446	others
substance, material	30	42	32	37	36	37	27	34	34	18	19	22	23	23	23	15	23	22	19	25	17	14	24	28	624	substance, material
environment	2	1	5	4	3	4	3	3	3	4	1	8	3	6	4	7	4	3	5	7	5	7	5	5	102	environment
total	779	755	775	776	748	685	622	621	645	598	486	524	489	535	481	457	435	474	470	465	474	448	489	496	13,727	total

machine	28	22	18	13	16	8	10	17	9	9	10	13	12	6	8	9	7	12	6	4	8	8	4	5	262	manufacturing machine
natural environment	2	1	5	4	3	4	3	3	3	4	1	8	3	6	4	7	4	3	5	7	5	7	5	5	102	natural environment
electric equipment			2	2	2		2					1			1	1	1	1						5	18	electric equipment
other causal agent	5	5	3	2	3	3	2	4	2	4	4	2	2	3	3	1			2	3	4	4	23	4	88	other causal agent
woodworking machine	2	1	4	2	4	3	3	5	3		1	3	4	4	3	1	1	3	1	2	2	3		2	57	woodworking machine
crane	3	4	9	7	12	5	3	3	5	2	4	1	2	5	2	2	2	2	2	3	5	3		1	87	crane
vehicle	3	4	10	8	3	4		4	5	5	1	5	4	4	6	4	2	6	2	1		2	2	1	86	vehicle
unclassifiable	3	3	1	1	1			1		1	1	1		2	1	1	2			2				1	22	unclassifiable
engine												1				1	1		2					1	6	engine
hazards, harmful substances	5		4	3	1	4	2		2	1	1	5	3		5	3		4	3		5	3	1		55	hazards, harmful substances
pressure vessel			1		1								1					1					1		5	pressure vessel
kiln, caldron							1		1	1				1											4	kiln, caldron
construction machine	1		1											1											3	construction machine
chemical facilities		1																	2						3	chemical facilities
mobile silviculture machine																										mobile silviculture machine

power transmission mechanism			12		15		12	14	4	11	7	2	9	11	10	9	10	5	4	7	4	5	7	8	166	power transmission mechanism
other equipment, facilities			13		5		7	3	12	12	3	11	7	12	5	7	8	5	9	7	9	5	9	8	157	other equipment, facilities
human power hauling equipment			12		13		8	9	12	8	9	9	9	12	5	6	7	11	5	8	13	8	3	7	174	human power hauling equipment
building, establishment			8		5		11	7	9	5	2	4	5	5	7	4	6	3	4	8	6	3	7	7	116	building, establishment
ladder			14		13		12	14	14	13	8	11	14	15	13	14	13	6	15	10	13	8	9	6	235	ladder
other temporary buildings, establishments			8		8		3	3	8	6	5	3	7	9	4	13	5	11	6	5	5	7	3	6	125	other temporary buildings, establishments
other causal agent			3		3		2	4	2	4	4	2	2	3	3	1			2	3	4	4	23	4	73	other causal agent
high/cold temperature environment			1		1			1	2	1	1	6	1	3	2		3	1	4	5	4	6	3	4	49	high/cold temperature environment
lumber, bamboo			5		3		1	2	5	1			3	2	2	1	1	6	3	2	2	1	2	4	46	lumber, bamboo
other powered conveying machines			6		1		6	2	4		4	4	3	1		2	4	2	2	5	3	3	1	3	56	other powered conveying machines
injection molding machine			1				2	1								1				1	1			3	11	injection molding machine
transmission			1		2		1								1	1		1						3	10	transmission
metal material			9		9		3	12	8	5	5	5	3	4	5	1	4	5	4	5	3	5	7	2	104	metal material
shearing machine			5		10		3	7	4	3	4	6	4	5	3	4	6	4	5	3	3	4	4	2	89	shearing machine
power press			6		1		1	3	3	1	2	1	5	1	3	2	1	3			2	4		2	41	power press

rock																								rock	
loader				1							1			1										3	loader
kiln, caldron						1		1	1															3	kiln, caldron
standing tree											1			1										3	standing tree
water			1								1			1										3	water
band sawing machine					1								1											2	band sawing machine
leveling, transporting or loading machine			1											1										2	leveling, transporting or loading machine
pressure vessel			1													1								2	pressure vessel
other pressure vessels					1								1											2	other pressure vessels
chemical facilities																	2							2	chemical facilities
stone, sand, substance						1												1						2	stone, sand, substance
chamfering machine, router, woodworking milling machine			1																					1	chamfering machine, router, woodworking milling machine
forging pressure hammer			1																					1	forging pressure hammer
other vehicles									1															1	other vehicles
boiler																							1	1	boiler
industrial dryer													1											1	industrial dryer

July	67	46	73	86	60	46	55	53	55	64	44	44	40	54	31	52	42	49	37	39	45	35	33	49	1,199	July
November	59	58	52	68	52	56	51	59	46	50	35	38	33	39	41	29	35	32	54	40	42	37	36	48	1,090	November
August	51	56	47	62	56	52	70	53	55	40	45	49	41	46	42	33	36	42	35	46	38	37	46	47	1,125	August
December	67	65	54	61	61	47	51	45	37	35	32	33	31	45	50	43	33	40	37	40	32	52	39	44	1,074	December
March	72	75	72	51	71	52	51	52	62	56	45	41	39	51	45	39	32	44	32	44	35	38	44	43	1,186	March
September	81	58	75	68	65	58	39	46	61	44	39	43	55	41	29	29	48	34	34	25	51	36	50	43	1,152	September
February	56	51	61	63	69	56	48	53	50	49	29	36	31	42	42	40	30	45	35	47	37	28	35	42	1,075	February
April	64	67	72	62	62	60	37	53	46	54	49	49	48	47	31	44	40	34	53	41	27	42	49	40	1,171	April
June	54	72	70	59	71	55	57	61	66	53	35	44	54	41	42	38	32	30	46	41	32	34	35	40	1,162	June
January	75	64	69	65	67	80	54	59	50	47	43	57	32	47	37	44	34	47	33	33	45	42	32	39	1,195	January
October	68	79	62	64	60	67	59	38	66	62	49	51	51	39	56	34	40	47	41	43	48	25	56	36	1,241	October
May	65	64	68	67	54	56	50	49	51	44	41	39	34	43	35	32	33	30	33	26	42	42	34	25	1,057	May
total	779	755	775	776	748	685	622	621	645	598	486	524	489	535	481	457	435	474	470	465	474	448	489	496	13,727	total

Transition of prefectures of fatal and non-fatal accidents in 010602 paper processing 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
Saitama	43	60	47		65		45	50	55	49	36	50	34	47	38	33	36	44	41	48	54	46	50	53	1,024	Saitama
Aichi	60	53	47		53		41	37	45	40	30	47	41	42	31	34	42	38	44	42	42	32	48	48	937	Aichi
Shizuoka	73	71	77		72		59	57	56	60	36	61	35	51	36	44	40	44	42	44	42	40	42	42	1,124	Shizuoka
Osaka	87	74	94		73		59	57	74	58	47	46	59	53	49	36	35	40	41	41	30	30	43	28	1,154	Osaka
Ehime	42	41	49		42		39	34	34	29	33	24	33	28	26	31	25	30	28	27	36	27	19	26	703	Ehime
Gifu	29	27	22		29		30	19	24	24	14	9	12	24	10	10	16	17	14	11	15	21	13	26	416	Gifu
Kanagawa	40	34	23		38		42	30	18	25	16	25	16	31	19	14	16	19	20	9	10	12	18	23	498	Kanagawa
Hyogo	42	47	40		27		26	25	31	25	25	15	26	26	18	25	20	22	17	24	28	20	20	18	567	Hyogo

Ibaraki	20	20	13		17		13	15	19	21	18	11	11	14	12	11	13	13	10	18	9	14	17	14	323	Ibaraki
Kagawa	11	13	11		23		15	9	19	10	9	8	15	8	12	16	7	6	14	7	8	13	8	14	256	Kagawa
Tokyo	30	30	31		35		22	16	18	26	16	22	21	15	17	13	13	11	16	15	7	10	20	12	416	Tokyo
Chiba	25	24	34		11		15	20	17	18	19	17	13	8	12	10	7	8	12	5	10	8	18	12	323	Chiba
Shiga	9	12	10		24		10	14	13	12	14	8	8	10	10	12	9	8	7	8	10	10	11	12	241	Shiga
Okayama	8	12	8		17		13	8	15	8	4	15	9	14	9	14	4	7	9	9	5	11	7	12	218	Okayama
Nagano	8	7	10		8		8	13	6	9	10	4	6	6	10	7	8	7	3	7	7	8	4	12	168	Nagano
Kyoto	12	28	26		22		14	14	27	15	15	9	16	17	18	13	10	11	19	13	14	7	12	10	342	Kyoto
Gunma	13	9	8		12		15	11	5	8	8	9	8	8	9	8	7	8	2	9	7	7	6	10	187	Gunma
Miyagi	15	7	7		10		3	7	4	9	3	4	5	3	5	7	2	3	5	3	5	1	6	10	124	Miyagi
Fukuoka	18	16	15		16		25	13	18	18	11	7	14	14	13	9	8	15	15	17	17	12	8	9	308	Fukuoka
Tochigi	14	11	16		13		14	11	7	8	11	10	12	15	9	12	10	8	10	10	6	11	14	9	241	Tochigi
Hokkaido	15	9	16		6		4	8	14	9	5	7	6	10	15	4	9	11	6	4	7	7	6	9	187	Hokkaido
Nara	7	8	13		12		6	13	13	20	13	11	7	8	7	7	13	11	9	10	19	8	17	8	240	Nara
Niigata	9	12	8		12		5	7	4	8	8	8	7	9	11	6	9	6	8	4	5	9	11	8	174	Niigata
Yamagata	12	2	10		2		4	2	7	2	5	6	4	4	5	5	2	5	2	4	5	3	7	7	105	Yamagata
Toyama	8	7	6		14		2	13	12	2	7	9	11	8	7	3	7	7	5	3	4	4	10	6	155	Toyama
Saga	13	4	4		2		1	8	2	8	1	8	4	3	4	2	5	5	5	4	5	13	2	6	109	Saga
Yamaguchi	7	7	5		5		7	8	5	5	2	7	6	5		4	3	2	3	5	4	2	3	6	101	Yamaguchi
Ishikawa	3	8	5		5		6	6	2	6	3	5	2	3	3	2	2	3	2	5	6	3	3	6	89	Ishikawa
Fukui	5	4	11		4		7	4	1	4	8	6	4	3	10	3	4	4	2	4	4	4	1	5	102	Fukui
Yamanashi	12	5	9		4		4	12	4	2		2	2	4	2	5	3	4	2	2	1	4	4	5	92	Yamanashi
Hiroshima	11	15	18		9		13	11	15	9	16	6	6	6	12	12	8	7	7	11	10	7	6	4	219	Hiroshima
Fukushima	8	14	11		7		4	10	8	9	5	8	8	9	7	7	10	11	6	6	5	4	9	4	170	Fukushima

Nagasaki	4	3	3		2		1	1	1			3	1	1	2	2		1	2	1	2		1	4	35	Nagasaki
Wakayama	5	7	2		5		5	8	4	5	10	2	3	4	4	6	5	4	6	9	2	6	4	3	109	Wakayama
Mie	13	14	9		14		16	14	6	14	6	10	3	8	6	6	5	5	7	4	12	5	4	2	183	Mie
Kochi	16	6	12		10		9	9	9	3	6	5	6	2	1	2	3	12	7	4	2	2		2	128	Kochi
Kumamoto	7	5	8		6		3	7	7	3	3	3	1		3	5	6	3	4	2	2	3	2	2	85	Kumamoto
Tottori	3	4	2		2		2	1		1	4	2	1	2	2	1		1		4	3	7	3	2	47	Tottori
Miyazaki	2	4	5		1		3	1	4		3		1	1	2		1	1	1		1	2	2	2	37	Miyazaki
Okinawa	1	2	2		2		1	1			4		1	4	1	1	2	1	3		2	2	2	2	32	Okinawa
Tokushima	6	6	10		4		3	3	8	4	2	3	2	2	3		2		5	1	4	3	1	1	73	Tokushima
Iwate	3	4	3		2		1	2	2	2		4	1	4	2	4	1	1	2		1	3	1	1	44	Iwate
Oita	1	1	3		1		1	4	4		1	3	3		2	3	4	1	3	1	2	1	3	1	43	Oita
Aomori	1	1	3		3		1	3	2	3			4	1	3	5	1	4	3	2	1	3	1		45	Aomori
Kagoshima	1	2	5		3		2	4	2	3	3	1	1	2			1	2	2	1	2	1			38	Kagoshima
Shimane	5	3	2		2		2	1	3	4			1	1	1	3	1		1	3	1		1		35	Shimane
Akita	2	2	2		2		1		1								1	2		1	2	2	1		19	Akita
total	779	755	775	776	748	685	622	621	645	598	486	524	489	535	481	457	435	474	470	465	474	448	489	496	13,727	total

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

Return to https://www.jisha.or.jp/english/statistics/202312_05.html