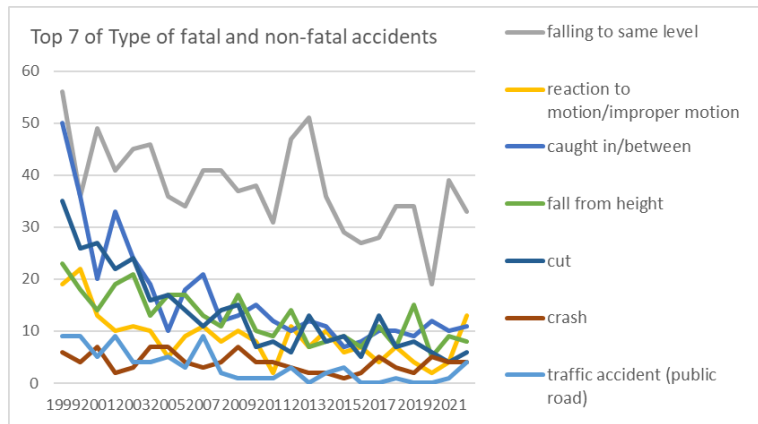
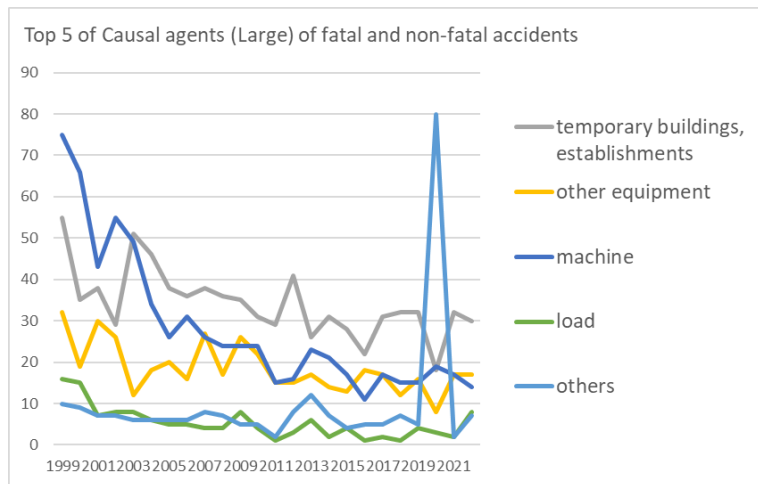


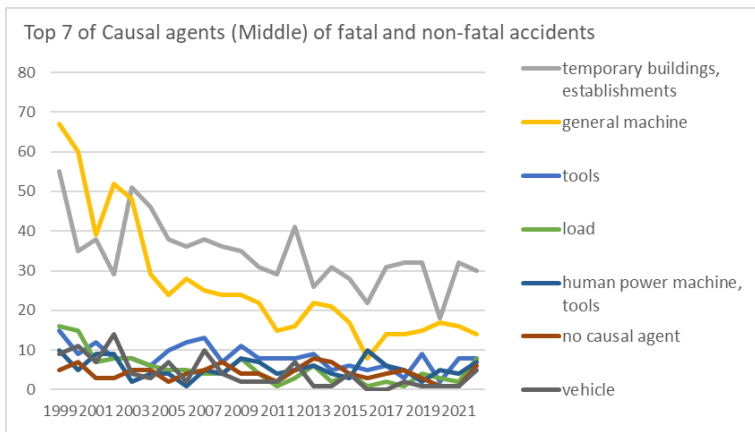
Transition of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)



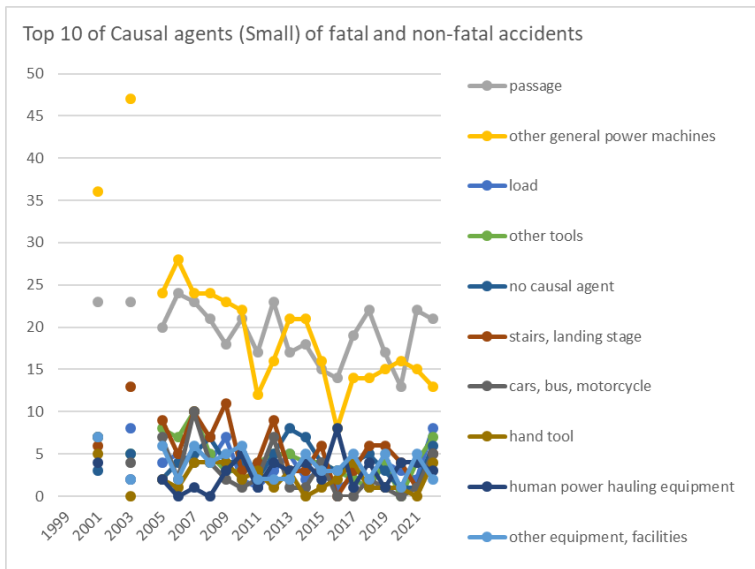
Transition of Top 7 of Type of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)



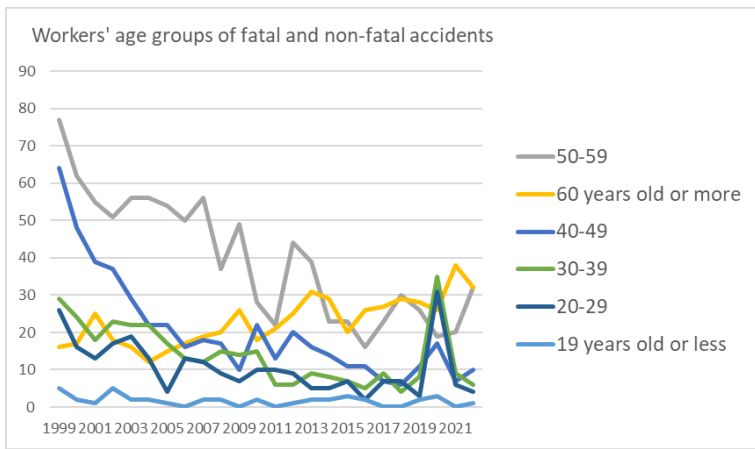
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)



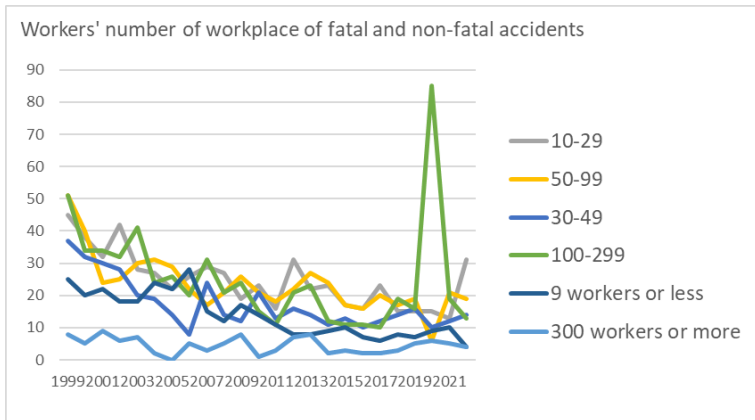
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)



Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)



Transition of workers' age groups of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)

explosion							1																		1	explosion
burst					1																				1	burst
traffic accident (others)						1																			1	traffic accident (others)
fire																										fire
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010301 over/under wear 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
temporary buildings, establishments	55	35	38	29	51	46	38	36	38	36	35	31	29	41	26	31	28	22	31	32	32	18	32	30	820	temporary buildings, establishments
other equipment	32	19	30	26	12	18	20	16	27	17	26	22	15	15	17	14	13	18	17	12	16	8	17	17	444	other equipment
machine	75	66	43	55	49	34	26	31	26	24	24	24	15	16	23	21	17	11	17	15	15	19	17	14	677	machine
load	16	15	7	8	8	6	5	5	4	4	8	4	1	3	6	2	4	1	2	1	4	3	2	8	127	load
others	10	9	7	7	6	6	6	6	8	7	5	5	2	8	12	7	4	5	5	7	5	80	2	7	226	others
crane, conveying machine	17	13	11	19	9	11	11	7	14	7	7	5	3	12	4	2	5	1	1	3	5	1	5	7	180	crane, conveying machine
environment	4	1	9	3	3	4	3	4	1	5	1	1	3	4	11	4				4			2	2	69	environment
substance, material	8	11	6	4	6	2	4	4	1			3	4	6	3			4		2	1	2	3		74	substance, material
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010301 over/under wear 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
temporary buildings, establishments	55	35	38	29	51	46	38	36	38	36	35	31	29	41	26	31	28	22	31	32	32	18	32	30	820	temporary buildings, establishments
general machine	67	60	39	52	48	29	24	28	25	24	24	22	15	16	22	21	17	8	14	14	15	17	16	14	631	general machine
tools	15	9	12	8	8	6	10	12	13	7	11	8	8	8	9	5	6	5	6	3	9	2	8	8	196	tools
load	16	15	7	8	8	6	5	5	4	4	8	4	1	3	6	2	4	1	2	1	4	3	2	8	127	load
human power machine, tools	10	5	9	9	2	4	4	1	5	4	8	7	4	5	6	4	3	10	6	5	2	5	4	7	129	human power machine, tools
no causal agent	5	7	3	3	5	5	2	4	5	7	4	4	2	5	8	7	4	3	4	5	3	1	1	6	103	no causal agent
vehicle	9	11	7	14	4	3	7	2	10	4	2	2	2	7	1	1	4			2	1	1	1	5	100	vehicle
other equipments, facilities	6	4	7	7	2	6	6	2	6	4	5	6	2	2	2	5	3	3	5	2	5	1	5	2	98	other equipments, facilities
natural environment	4	1	9	3	3	4	3	4	1	5	1	1	3	4	11	4				4			2	2	69	natural environment
conveying machine	4		3	5	4	5	4	3	2	3	5	3	1	3	3	1			1	1	3		2	2	58	conveying machine
other causal agent	4	2	4	4		1	3	2	1		1	1		3	4			2	1	2	2	79	1	1	118	other causal agent

welding equipment																												welding equipment	
kiln, caldron																													kiln, caldron
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total			

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010301 over/under wear in Japan (1999-2022)

Causal (S) 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 (S) agents	
passage			23		23		20	24	23	21	18	21	17	23	17	18	15	14	19	22	17	13	22	21	391	passage	
other general power machines			36		47		24	28	24	24	23	22	12	16	21	21	16	8	14	14	15	16	15	13	409	other general power machines	
load			7		8		4	5	4	4	7	2	1	3	5	2	3	1	2	1	4	3	2	8	76	load	
other tools			7		5		8	7	10	5	3	3	4	5	5	4	4	3	2	1	4		4	7	91	other tools	
no causal agent			3		5		2	4	5	7	4	4	2	5	8	7	4	3	4	5	3	1	1	6	83	no causal agent	
stairs, landing stage			6		13		9	5	10	7	11	3	4	9	3	3	6		3	6	6	4	1	5	114	stairs, landing stage	
cars, bus, motorcycle			7		4		7	2	10	4	2	1	2	7	1	1	4			2	1		1	5	61	cars, bus, motorcycle	
hand tool			5				2	1	4	4	4	2	3	1	3		1	2	4	1	1	1		4	43	hand tool	
human power hauling equipment			4		2		2		1		3	5	1	4	3	4	2	8	1	4	1	4	4	3	56	human power hauling equipment	
other equipment, facilities			7		2		6	2	6	4	5	6	2	2	2	5	3	3	5	2	5	1	5	2	75	other equipment, facilities	
other environments			7		3		2	3	1	4	1	1	1	3	10	4				4			2	2	48	other environments	
other temporary buildings, establishments			2		3		2	3	3	4	1		2	2	3	2			3	3	1	2		5	2	43	other temporary buildings, establishments

other causal agent			4			3	2	1		1	1		3	4			2	1	2	2	79	1	1	107	other causal agent	
ladder			5		3		2	5	3	2	8	5	4	3	4	1	2	2	4	2	5	2	4	1	67	ladder
working platform, boot board			4		8		2	1	1	2	1	3	3	4		3	4	3	1	1	5	1	2	1	50	working platform, boot board
building, establishment			2		4		4	3	1	2	3	2	3	3	3	4	3	2	3	1	2		2	1	48	building, establishment
truck			1		1		4	2		3	2	1		1	1	1			1	1	2		2	1	24	truck
roll machine (except printingroll machine)			1																						9	roll machine (except printingroll machine)
other powered conveying machines												1		1										1	3	other powered conveying machines
other materials			3		3			2				3	3	4	1			3		1		2	2		27	other materials
conveyor			2		1			1	2		2	1		1	2										12	conveyor
metal material					2		2	1	1				1	1				1		1	1		1		12	metal material
elevator, lift					1			2	2								1				1		2		9	elevator, lift
machine/equipment as load							1					1	2			1		1							6	machine/equipment as load
power press							1	1							1				1	1					5	power press
forklift					2						1		1								1				5	forklift
boiler									3		1										1				5	boiler
other electrical equipment										2		1	1							1					5	other electrical equipment
harmful substance			2		1			1						1											5	harmful substance

machine										1														1															2	machine	
scaffolding															1												1												2	scaffolding	
roof, beam, haze, crossbeam, principal rafter																																								2	roof, beam, haze, crossbeam, principal rafter
chain saw																																								1	chain saw
lathe																																								1	lathe
mixer, grinder																																								1	mixer, grinder
injection molding machine																																								1	injection molding machine
food manufacturing machine																																								1	food manufacturing machine
printing machine																																								1	printing machine
industrial robot																																								1	industrial robot
other pressure vessels																																								1	other pressure vessels
timbering																																								1	timbering
flammable substance																																								1	flammable substance
lumber, bamboo																																								1	lumber, bamboo
standing tree																																								1	standing tree
engine																																									engine
band sawing machine																																									band sawing machine

total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total
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Transition of workers' age groups of fatal and non-fatal accidents in 010301 over/under wear 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	77	62	55	51	56	56	54	50	56	37	49	28	22	44	39	23	23	16	23	30	26	19	20	32	948	50-59
60 years old or more	16	17	25	18	16	12	15	17	19	20	26	18	21	25	31	29	20	26	27	29	28	26	38	32	551	60 years old or more
40-49	64	48	39	37	29	22	22	16	18	17	10	22	13	20	16	14	11	11	7	6	11	17	7	10	487	40-49
30-39	29	24	18	23	22	22	17	13	12	15	14	15	6	6	9	8	7	5	9	4	8	35	9	6	336	30-39
20-29	26	16	13	17	19	13	4	13	12	9	7	10	10	9	5	5	7	2	7	7	3	31	6	4	255	20-29
19 years old or less	5	2	1	5	2	2	1		2	2		2		1	2	2	3	2			2	3		1	40	19 years old or less
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010301 over/under wear 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	45	38	32	42	28	27	22	26	29	27	19	23	16	31	22	23	17	16	23	15	15	15	13	31	595	10-29
50-99	51	40	24	25	30	31	29	22	17	21	26	21	18	22	27	24	17	16	20	17	19	6	21	19	563	50-99
30-49	37	32	30	28	20	19	14	8	24	14	12	21	13	16	14	11	13	10	12	14	16	10	12	14	414	30-49
100-299	51	34	34	32	41	24	26	20	31	21	24	15	11	21	23	12	11	11	10	19	16	85	19	13	604	100-299
9 workers or less	25	20	22	18	18	24	22	28	15	12	17	14	11	8	8	9	10	7	6	8	7	9	10	4	332	9 workers or less
300 workers or more	8	5	9	6	7	2		5	3	5	8	1	3	7	8	2	3	2	2	3	5	6	5	4	109	300 workers or more
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total

Transition of occurred months of fatal and non-fatal accidents in 010301 over/under wear 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
July	20	19	15	12	9	9	7	8	8	10	14	4	5	10	8	5	7	5	7	3	6	2	6	15	214	July
January	12	14	14	18	13	25	12	13	9	8	6	11	10	10	14	7	7	6	4	15	10	4	9	10	261	January
April	24	10	14	16	19	11	6	6	8	7	9	11	8	5	11	6	6	7	7	4	5	6	8	10	224	April
November	14	14	18	13	9	6	9	11	10	8	8	9	9	6	5	4	3	6	4	6	6	6	2	9	195	November
February	26	20	9	6	9	11	16	9	5	9	8	6	4	9	13	14	6	8	11	8	7	9	7	8	238	February
March	25	12	13	18	12	7	12	11	14	6	6	9	7	8	9	7	7	5	5	4	9	5	9	7	227	March
June	13	8	7	8	12	9	4	10	11	9	10	7	4	10	6	8	6	6	7	8	6	4	3	7	183	June
October	16	13	12	12	11	12	12	7	8	10	6	11	4	16	8	9	5	5	8	7	3	3	6	6	210	October
December	18	11	12	13	9	6	9	9	12	11	10	8	7	12	13	8	8	4	6	4	7	81	9	5	292	December
August	10	20	14	9	16	8	11	4	16	4	6	8	6	2	5	3	4	4	8	4	7	4	8	4	185	August
May	15	17	10	11	14	10	8	9	10	6	16	7	3	8	7	5	4	4	3	7	2	4	8	3	191	May
September	24	11	13	15	11	13	7	12	8	12	7	4	5	9	3	5	8	2	3	6	10	3	5	1	197	September
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total

Transition of prefectures of fatal and non-fatal accidents in 010301 over/under wear 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
Akita	13	12	14		11		5	5	15	7	7	9	5	8	6	7	5	3	4	11	10	1	4	11	173	Akita
Okayama	7	5	4		9		2	5	7	5	6	4	3	6	6	3	6	4	7	6	7	86	11	8	207	Okayama
Miyazaki	11	8	1		7		5	2	3	2	5	6	6	2	7	4	1	7	2	3	3	1	7	5	98	Miyazaki
Gifu	3	6	9		4		7	3	3	2	7	4	4	3	3	2		2	2	2		3	1	5	75	Gifu
Kumamoto	4	4	3					3	1	2	1	1		5	2	2	1	3	2	4	1	2	3	5	49	Kumamoto
Fukushima	12	9	6		11		9	6	6	8	7	6	6	9	7	5	4	2	5	3	7	2	3	4	137	Fukushima

Yamagata	14	7	6		5		8	4	7	7	3	2		3	9	5	2	3	2	6	3	3	2	4	105	Yamagata
Niigata	2	6	4		7		2	2	3	3	6	7	2	10	2	4	2	4	3	3		2	4	4	82	Niigata
Ibaraki	2	1			5			1		1	2				4	1				1			4	22	Ibaraki	
Iwate	1	5	4		5		1	1	7	1	5	3	3	8	4	4	2	5	3	1	3	1	5	3	75	Iwate
Hiroshima	13	8	8		3		6	5	5	4		6	3	2	3	2		3	5	2	9		4	2	93	Hiroshima
Aomori	3	4	2		2		3	1	4	4	1	2	2	3	8	3	1	2	3	6	2	2	5	2	65	Aomori
Fukuoka	9	4	4		4		4	4	4	2	5	3		1	2	2	3	1	2	1	1		1	2	59	Fukuoka
Hokkaido	6	5	8		2		3	4	2	1	4	2	2		1	3	2		5			2		2	54	Hokkaido
Saitama	1	5	2		5		4	1	3	1	7	2	1	4	1	2	2		1	2	4	1	2	2	53	Saitama
Nagasaki	4	6	3		4		3	2	2	9	1	4	1		1	1	3	2		2		1	2	2	53	Nagasaki
Hyogo	7	3	5		3		5	1	3	3	1	1	2	2		2	2	1		3	3	2	1	2	52	Hyogo
Saga	2	2	1		6		4	4	3	1	1	2	5	7	1		1		2	1	2	1		2	48	Saga
Tottori	3	4	3		2				2	1	3	2	1	3	1		1	1	2		1	2		2	34	Tottori
Nagano	3	1	2		2			2		1	3		2	3	2	1	2			2	1	1	1	2	31	Nagano
Osaka	12	8	5		3		5	7	8	6		4	2	3	4	1	2	2	1	2	2	2	1	1	81	Osaka
Miyagi	8	6	7		1		4	6	3	2	2	2	3	2	1	1	2	1		2		2	3	1	59	Miyagi
Shimane	9	3	4		3		9	1	1	2	3	5		1		1	4		1		3		1	1	52	Shimane
Fukui		1	4		2		1	2	3	2	4	2	2	3	2		1	2		2	3	2		1	39	Fukui
Kagoshima	4	4	1		2			1		1	4	1			2	3	2	1	2	1	1	2	2	1	35	Kagoshima
Chiba	3	4	1		2				1	2	2	3	1	1	4		1	2	2	1	1	1	1	1	34	Chiba
Ehime	7	1	4		3		2	1	2	2		1	1	2	2	1			3				1	1	34	Ehime
Nara	4	1			1			2	2	2		1	2		2		2		5	2	2	1	1	1	31	Nara
Kyoto	2	1	1		3		2	4	4	1	1	1				2	1	1		1	3			1	29	Kyoto

Yamaguchi	1	7	3				3	4		1	1			3		1	1			1	1		1	1	29	Yamaguchi	
Tokyo	1	2	1		4		1	2	1	3	1			2	1									2	1	22	Tokyo
Kanagawa	2							1	1	1	1	2	2											1	1	12	Kanagawa
Ishikawa	1	2	6		1		2	3	3	1	3	2	3		4	3		1	1		1	2				39	Ishikawa
Kagawa	7	4	3		2			2	1		1		2		1	2	2	1	1	1		1				31	Kagawa
Aichi	3	1	2		1		2	2	1	2	4	2			2	4		1					1	1		29	Aichi
Tokushima	9	1	3		2		3	1		1	1			2	1		1	2	1							28	Tokushima
Wakayama	3	1	2		2		1	2	1	3		1	1		2		3			1		1	3			27	Wakayama
Shizuoka	5	4	3					2	1					2			2	1			1	2	2			25	Shizuoka
Gunma	2	1	2		4			5			1			1	1	1	3			1	1					23	Gunma
Kochi	5	2			3		2	1		2		1		1		1	1		1	1						21	Kochi
Toyama	2	1			2		1		1	1	1				1	1	1	2	1				1	2		18	Toyama
Mie	3	4	2		1		2		1			1		2	1											17	Mie
Tochigi	2	1	2						1		1			2					1	3	1	1		1		16	Tochigi
Shiga	1		2				1	2	3				2		4									1		16	Shiga
Oita	1	1			3		1	1					2	1		2		1		1						14	Oita
Yamanashi		3	2		1			1									1									8	Yamanashi
Okinawa			2		1								1						1							5	Okinawa
total	217	169	151	151	144	127	113	109	119	100	106	95	72	105	102	81	71	62	73	76	78	131	80	85	2,617	total	

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

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