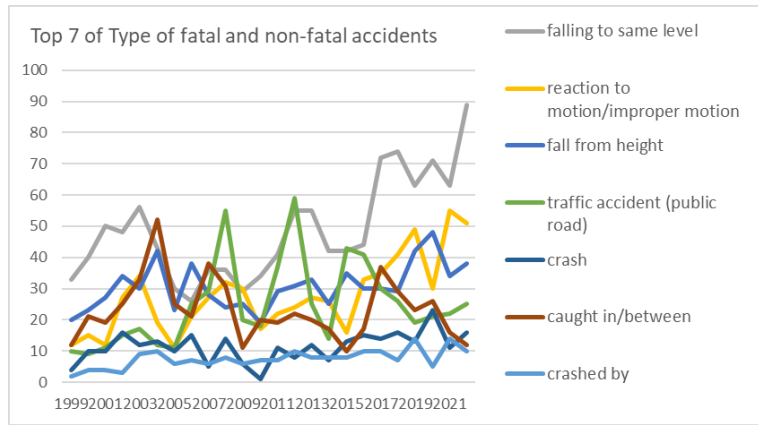
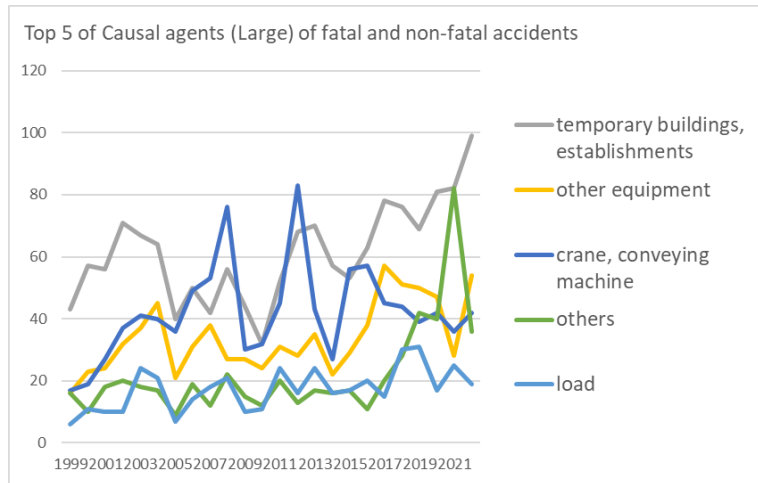


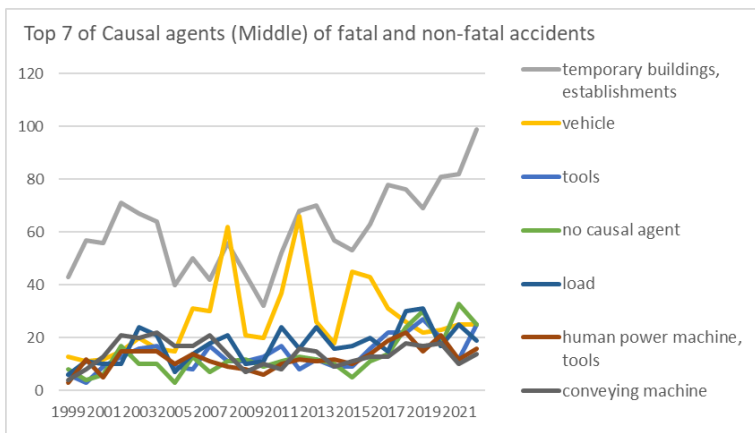
Transition of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



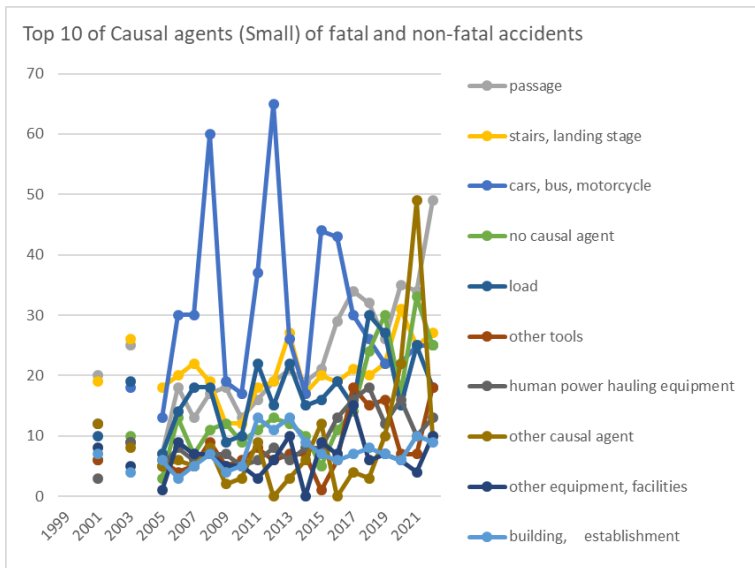
Transition of Top 7 of Type of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



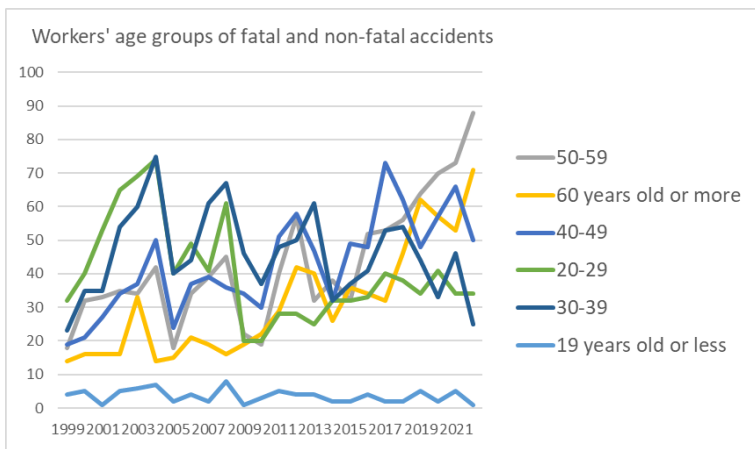
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



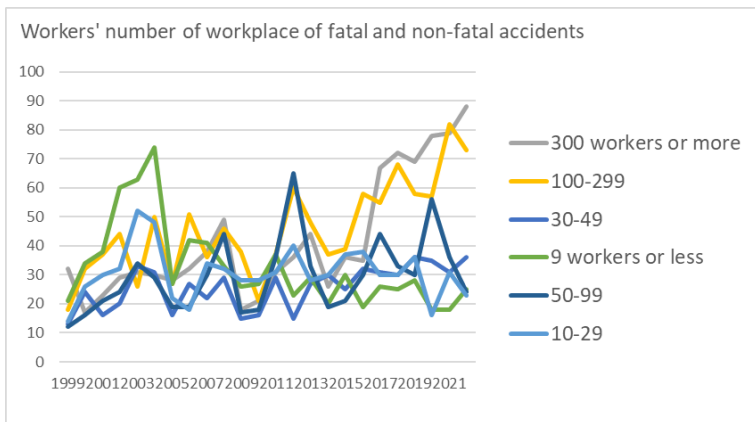
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



Transition of workers' age groups of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 170101 dispatch service in Japan (1999-2022)



motion/improper motion	12	15	12	27	34	19	11	21	27	32	30	17	22	24	27	26	16	33	35	41	49	30	55	51	666	motion/improper motion
fall from height	20	23	27	34	30	42	23	38	28	24	25	19	29	31	33	25	35	30	30	29	42	48	34	38	737	fall from height
traffic accident (public road)	10	9	11	15	17	12	11	25	29	55	20	18	37	59	25	14	43	41	30	26	19	21	22	25	594	traffic accident (public road)
crash	4	10	10	16	12	13	10	15	5	14	6	1	11	8	12	7	13	15	14	16	13	23	11	16	275	crash
caught in/between	12	21	19	25	33	52	25	21	38	31	11	20	19	22	20	17	10	17	37	29	23	26	16	12	556	caught in/between
crashed by	2	4	4	3	9	10	6	7	6	8	6	7	7	10	8	8	8	10	10	7	14	5	14	10	183	crashed by
struck by flying or falling object	4	8	8	11	17	28	5	13	10	9	4	4	3	7	6	9	8	8	6	16	14	7	7	9	221	struck by flying or falling object
contact to high/low-temperature	4	2	6	3	4	10	1	2	3	4	6	2	7	3	3	1	2	2	2	5	2	5	3	6	88	contact to high/low-temperature
collapse	1	2	2	6	3	4	4	4	5	7		3	6	3	3	3	3	2	7	6	4	1	3	5	87	collapse
others		3	8	3	4	2	1	5	1	1	2	1	8	1	4	2	3	1	3	3	5	15	43	4	123	others
cut	5	12	7	16	18	21	8	10	11	11	2	4	9	12	9	6	4	8	5	5	7	6	3	3	202	cut
contact to harmful substance				1	1	3	1	1	2		1			2	2	1	1	1		1		2	2	1	23	contact to harmful substance
traffic accident (others)				1	1		2	1					1	1	1				1				1		10	traffic accident (others)
unclassifiable	2					1	1					1			1						1				7	unclassifiable
injury to the sole of the foot			1											1		1									4	injury to the sole of the foot

electric shock						2						1															3	electric shock
drown													1														1	drown
explosion																				1							1	explosion
burst	1																										1	burst
fire																												fire
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total		

Transition of Causal agents (Large) of fatal and non-fatal accidents in 170101 dispatch service 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	43	57	56	71	67	64	40	50	42	56	44	32	52	68	70	57	53	63	78	76	69	81	82	99	1,470	temporary buildings, establishments
other equipment	16	23	24	32	37	45	21	31	38	27	27	24	31	28	35	22	29	38	57	51	50	47	28	54	815	other equipment
crane, conveying machine	17	19	27	37	41	40	36	49	53	76	30	32	45	83	43	27	56	57	45	44	39	42	36	42	1,016	crane, conveying machine
others	16	10	18	20	18	17	9	19	12	22	15	12	20	13	17	16	17	11	20	28	42	40	82	36	530	others
load	6	11	10	10	24	21	7	14	18	21	10	11	24	16	24	16	17	20	15	30	31	17	25	19	417	load
environment	2	5	6	2	11	9	2	4	4	4	3	3	11	6	6	7	2	2	3	10	8	12	12	11	145	environment
machine	9	15	13	24	25	40	19	13	20	14	3	12	9	16	7	6	6	10	20	8	9	10	9	4	321	machine
substance, material	1	9	11	13	16	26	5	9	14	13	10	5	9	9	7	11	8	11	15	11	9	11	3	4	240	substance, material
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 170101 dispatch service 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	43	57	56	71	67	64	40	50	42	56	44	32	52	68	70	57	53	63	78	76	69	81	82	99	1,470	temporary buildings, establishments
vehicle	13	11	12	15	20	16	15	31	30	62	21	20	37	66	26	18	45	43	31	26	22	23	25	25	653	vehicle
tools	6	3	9	13	16	17	9	8	17	11	11	13	17	8	12	9	9	16	22	22	27	20	12	25	332	tools
no causal agent	8	4	6	17	10	10	3	13	7	11	12	9	11	13	12	10	5	11	14	24	30	17	33	25	315	no causal agent
load	6	11	10	10	24	21	7	14	18	21	10	11	24	16	24	16	17	20	15	30	31	17	25	19	417	load
human power machine, tools	3	12	5	15	15	15	10	14	11	9	8	6	10	12	11	12	10	14	19	22	15	21	12	16	297	human power machine, tools
conveying machine	4	8	13	21	20	22	17	17	21	14	7	10	8	16	15	9	11	13	13	18	17	18	10	14	336	conveying machine
natural environment	2	5	6	2	11	9	2	4	4	4	3	3	11	6	6	7	2	2	3	10	8	12	12	11	145	natural environment
other causal agent	5	5	12	2	8	5	5	6	5	8	2	3	9		3	6	12		4	3	10	22	49	10	194	other causal agent
other equipments, facilities	4	6	8	3	5	11	1	9	7	7	5	5	3	6	10		9	7	15	6	7	6	4	10	154	other equipments, facilities
materials	1	9	10	12	13	21	5	6	12	11	8	5	9	7	6	10	6	9	15	9	8	9	3	3	207	materials
crane			2	1	1	2	4	1	2		2	2		1	2			1	1			1	1	3	27	crane

general machine	2	13	6	12	13	24	8	7	12	7	2	7	6	8	5	3	6	2	13	5	6	9	4	1	181	general machine
metal manufacturing machine	5	1	3	8	9	9	7	4	5	5	1	4	1	3	2	2		5	4	3	2	1	3	1	88	metal manufacturing machine
hazards, harmful substances			1	1	3	5		3	2	2	2			2	1	1	2	2		2	1	2		1	33	hazards, harmful substances
woodworking machine	1		1	2	3	4	4	1	2				1	2				2	1				2	1	27	woodworking machine
unclassifiable	3	1		1		2	1			3	1				2				2	1	2	1		1	21	unclassifiable
construction machine	1		3	1		1				1		1	1	3		1		1	1		1			1	17	construction machine
welding equipment	1	1	1						1		1			2	1			1	1		1			1	12	welding equipment
electric equipment			1	1		2	1				1		1		1	1	1			1				1	12	electric equipment
kiln, caldron		1							2															1	4	kiln, caldron
power transmission mechanism		1				2		1		1									1						6	power transmission mechanism
pressure vessel	2										1														3	pressure vessel
engine				1					1																2	engine
chemical facilities					1																				1	chemical facilities





other temporary buildings, establishments			7		5		4	5	2	7	3		3	5	2	5	3	6	7	3	4	3	6	7	87	other temporary buildings, establishments
other environments			4		7		2	3	2	4	1	1	4	2	3	5		2	3	5	5	3	7	7	70	other environments
forklift			4		7		5	6	5	5	1	3	1	7	5	3	2	4	5	10	5	5	2	3	88	forklift
conveyor			1		6		5	2	5	1	2	1	2	2	3		2	1			1	3		3	40	conveyor
high/cold temperature environment			1		1			1			1	1	4	2	1	1				3	1	4	4	3	28	high/cold temperature environment
metal material			6		10		3	4	7	8	6	2	2	5	3	8	2	5	9	7	5	5	3	2	102	metal material
hand tool			2		5		4	6	5	2	1	1	4	4	5	4	1	1	3	4	2	4	1	2	61	hand tool
food manufacturing machine			3		5		3	1	4	3		3	1	3		2		2	1	1		2	1	1	36	food manufacturing machine
lumber, bamboo			1		1			1	3	1	1	3	5	1			1		6	1	1	2		1	29	lumber, bamboo
machine/equipment as load					5					3	1	1	2	1	2	1	1	1			4	2		1	25	machine/equipment as load
crane			1					1	2		2	1		1	2			1	1				1	1	14	crane
unclassifiable							1			3	1				2				2	1	2	1		1	14	unclassifiable
harmful substance					2			2	2					1			1	1		1				1	11	harmful substance
grinding machine, buffing machine					1		1									1		2		1			1	1	8	grinding machine, buffing machine
standing tree											1					1				1		2		1	6	standing tree
other welding equipment									1					2				1						1	5	other welding equipment











total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total
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Transition of workers' age groups of fatal and non-fatal accidents in 170101 dispatch service 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	18	32	33	35	34	42	18	34	39	45	22	19	40	57	32	38	32	52	53	56	64	70	73	88	1,026	50-59
60 years old or more	14	16	16	16	33	14	15	21	19	16	19	22	29	42	40	26	36	34	32	46	62	57	53	71	749	60 years old or more
40-49	19	21	27	34	37	50	24	37	39	36	34	30	51	58	47	32	49	48	73	62	48	57	66	50	1,029	40-49
20-29	32	40	53	65	69	74	40	49	41	61	20	20	28	28	25	32	32	33	40	38	34	41	34	34	963	20-29
30-39	23	35	35	54	60	75	40	44	61	67	46	37	48	50	61	32	37	41	53	54	44	33	46	25	1,101	30-39
19 years old or less	4	5	1	5	6	7	2	4	2	8	1	3	5	4	4	2	2	4	2	2	5	2	5	1	86	19 years old or less
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 170101 dispatch service 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
300 workers or more	32	17	23	29	31	30	28	32	38	49	18	21	31	36	44	26	36	35	67	72	69	78	79	88	1,009	300 workers or more
100-299	18	32	37	44	26	50	27	51	36	46	38	21	37	60	48	37	39	58	55	68	58	57	82	73	1,098	100-299
30-49	13	24	16	20	33	31	16	27	22	29	15	16	29	15	27	30	25	32	31	30	36	35	31	36	619	30-49
9 workers or less	21	34	38	60	63	74	27	42	41	33	26	27	37	23	29	20	30	19	26	25	28	18	18	25	784	9 workers or less
50-99	12	16	21	24	34	29	19	19	30	44	17	18	36	65	33	19	21	30	44	33	30	56	36	24	710	50-99
10-29	14	26	30	32	52	48	22	18	34	32	28	28	31	40	28	30	37	38	30	30	36	16	31	23	734	10-29
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total



Transition of occurred months of fatal and non-fatal accidents in 170101 dispatch service 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
January	8	9	24	16	16	20	17	12	25	24	28	6	11	32	14	21	12	12	20	32	20	24	21	29	453	January
October	10	17	17	8	24	21	7	19	11	20	16	20	17	53	27	11	10	9	21	20	21	23	15	29	446	October
March	8	12	11	20	14	18	9	22	20	21	7	15	16	11	19	18	20	19	27	10	19	23	25	24	408	March
August	11	14	18	14	26	24	16	20	17	24	7	11	20	19	13	12	17	20	20	16	18	25	36	23	441	August
June	6	11	12	24	23	29	14	17	23	22	13	11	19	7	17	4	10	21	16	23	25	24	40	23	434	June
April	10	11	12	26	12	18	10	13	13	16	11	12	22	9	20	15	17	17	17	24	16	14	15	23	373	April
February	6	11	3	19	14	24	8	14	16	22	14	9	7	24	13	19	8	16	20	16	29	18	16	23	369	February
November	13	12	9	19	22	27	7	14	12	15	5	11	12	24	14	10	23	22	19	24	20	17	23	22	396	November
July	11	15	12	19	25	23	16	18	20	20	9	11	23	18	18	17	19	20	25	26	20	24	23	21	453	July
May	9	15	19	20	17	23	10	13	12	19	8	7	11	11	17	8	16	13	21	23	19	16	19	19	365	May
September	7	7	16	13	24	23	13	14	16	15	15	7	18	16	18	13	20	22	24	25	25	29	21	18	419	September
December	11	15	12	11	22	12	12	13	16	15	9	11	25	15	19	14	16	21	23	19	25	23	23	15	397	December
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total

Transition of prefectures of fatal and non-fatal accidents in 170101 dispatch service 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
Tokyo	31	35	32		46		15	39	24	23	12	14	31	38	46	27	27	30	44	60	59	45	70	65	813	Tokyo
Osaka	11	9	11		22		15	17	24	35	10	12	16	24	12	14	29	30	34	29	27	24	35	41	481	Osaka
Aichi	7	15	20		16		13	19	18	24	24	30	29	27	22	18	19	23	32	24	27	30	31	37	505	Aichi
Chiba	3	4	9		18		12	12	13	12	6	6	10	14	9	4	8	16	13	14	16	14	18	18	249	Chiba
Fukuoka	5	8	7		18		9	7	9	5	3	11	10	14	14	14	11	5	4	9	11	7	12	11	204	Fukuoka
Saitama	1	6	9		7		10	12	13	10	10	5	12	10	16	5	17	13	14	19	14	14	13	9	239	Saitama

Gunma	4	2	2		3		5	3	5	4	3	3	3	4	3	5	2	3	9	2	9	4	2	9	89	Gunma
Kanagawa	3	3	5		8		10	6	6	5	5	6	4	11	8	5	5	9	2	13	11	17	6	8	156	Kanagawa
Hiroshima	3	4	1		2		3	2	6	2	4	2		3	2	7	7	3	5	9	6	8	7	6	92	Hiroshima
Shizuoka	7	5	5		8			4	9	33	10	1	12	9	5	2	4	11	16	6	5	8	7	5	172	Shizuoka
Mie	1		1				3	6	7	3	1	3	4	3	4	2	4	1	7	7	7	5		5	74	Mie
Fukushima	1	4	1		4		2	1	4	5	2	5	3	4	6	3	3	3	1	2	2	5	7	5	73	Fukushima
Shiga	1				1		1	2	7	1	3	4	2	4	4	6	2		5	3	6	1	3	5	61	Shiga
Hyogo	1	4	2		5		4	1	3	3	4		7	4	9	5	8	10	9	6	3	8	5	4	105	Hyogo
Okayama		1	5		4			1	1	2	3		1	1	5		2	2	1	2	3	5	3	4	46	Okayama
Niigata		2	3				2	2	1	1	1	2	1		2	1	1	1	2	1	1	1	1	4	30	Niigata
Hokkaido	3	6	10		20		8	16	14	20	10	3	19	43	10	10	10	15	9	10	11	10	8	3	268	Hokkaido
Kyoto	3	5	7		2			3	5	3	4	2	5	2	2		2	4	5	2	3	2	3	3	67	Kyoto
Miyagi	4	2	4		3			1	1	1		2	2	2	5	3	1		1	6	4	5	8	3	58	Miyagi
Kumamoto	3		3		2		4			1	2	1	7	1	2	2	2	1	9	1	1	5	4	3	54	Kumamoto
Ishikawa	1	1			1			1		2	1	1		1		3	2	2	3	3	4	2	3	3	34	Ishikawa
Ehime		1	2		4				1	4			1				2	2	1				5	3	26	Ehime
Okinawa		3	1				1	3	2	5	3	1		1	1	4	3	2	1			4	2	2	39	Okinawa
Tochigi	2	3	2		1		1	1	1	4	1	1	1	1	4	1			2	4	2	2	1	2	37	Tochigi
Gifu	3	4	5				2	4	5	4	2	4	1	3	2	1	6	5	2	5	2	8	4	1	73	Gifu
Ibaraki	2	2	3		13		1		3	5	3	4	2	3	1	2	4	5	3	3	4	8		1	72	Ibaraki
Toyama		1			1		3	1		1	5		2	1	1	1	1		3	2	1	3		1	28	Toyama
Nara		1	1		1		3	3	2	2	2			1	2			1	2	2	2	1	1	1	28	Nara
Kagoshima		1	1		1		1	2				4		1	1			6	2		2	1	1	1	25	Kagoshima

Tokushima				5		2			1	1				2	2	2	2	2	1		2	1	1	24	Tokushima		
Yamagata						2		3	1		1	3			2				2	1	2	1	1	19	Yamagata		
Kagawa			2					3			1	1	1		2			2		2	3		1	1	19	Kagawa	
Iwate							1	1		1			3	2		1		1		3	1		2	1	17	Iwate	
Aomori					1		2		2	1	4				1	1							2	1	15	Aomori	
Shimane		1	1					1		1									2		1			1	8	Shimane	
Nagano	3	7	3		3			1	2	3					2				1	1		2	3		31	Nagano	
Yamanashi			1		5			2					2		2	1	1	2	3	1	1	2	2		25	Yamanashi	
Miyazaki		1	1		6			2		2			1	1		3	1	2	1		1				22	Miyazaki	
Yamaguchi			2					3	1	2		1	1	1		1				1		1	2		16	Yamaguchi	
Fukui	1	2	1		3				2				1		1		1			1	1	1			15	Fukui	
Wakayama	1	4			1				1		1		1		2						1		1		13	Wakayama	
Nagasaki	1		1		1		1		1		1		2	1						1	2	1			13	Nagasaki	
Oita	1	2	1		2				1					1	1					1	1		1			12	Oita
Saga							2	1	2			1		1		2	1		1							11	Saga
Kochi	3							1		1			1	1		1				1						9	Kochi
Akita					1		1	1						1		1						2	1			8	Akita
Tottori								4	2														2			8	Tottori
total	110	149	165	209	239	262	139	189	201	233	142	131	201	239	209	162	188	212	253	258	257	260	277	269	4,954	total	

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

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