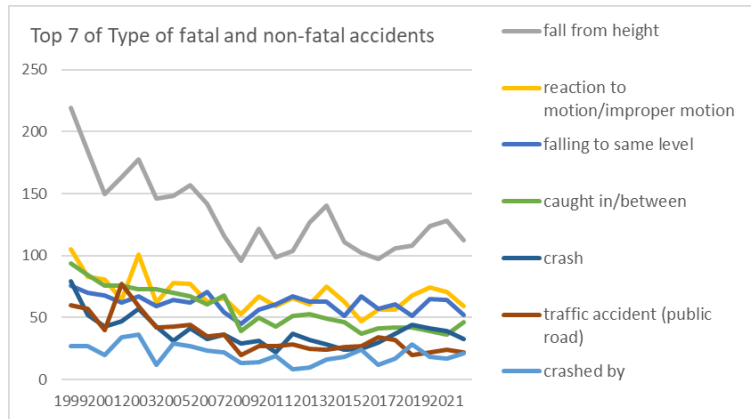
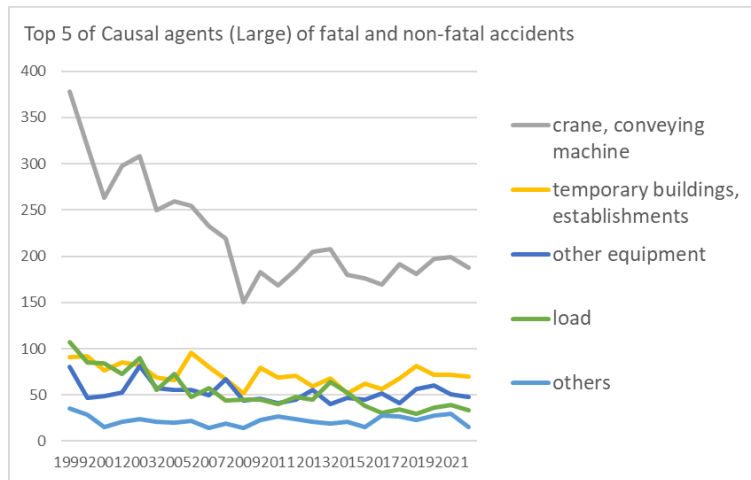


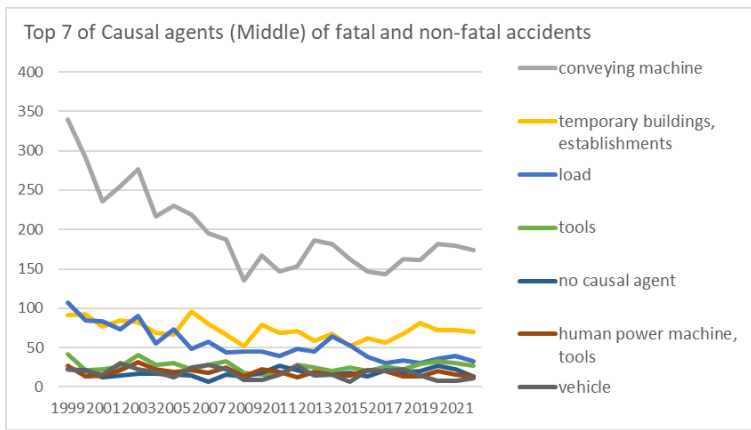
Transition of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



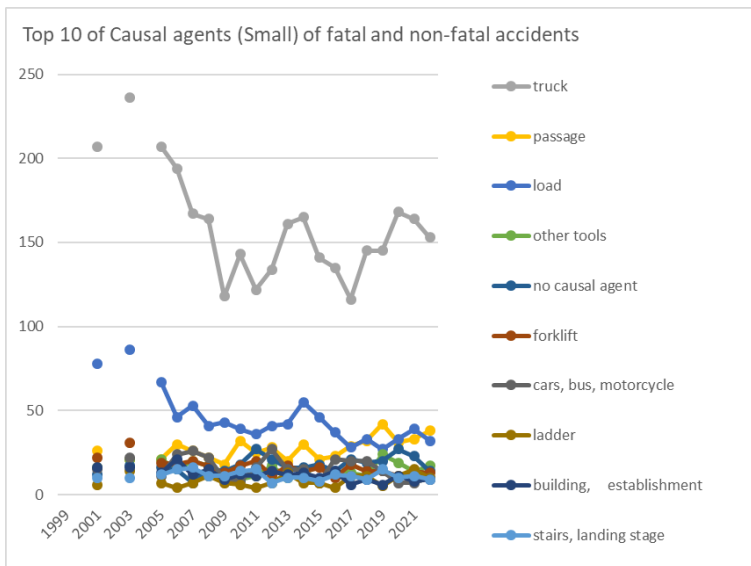
Transition of Top 7 of Type of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



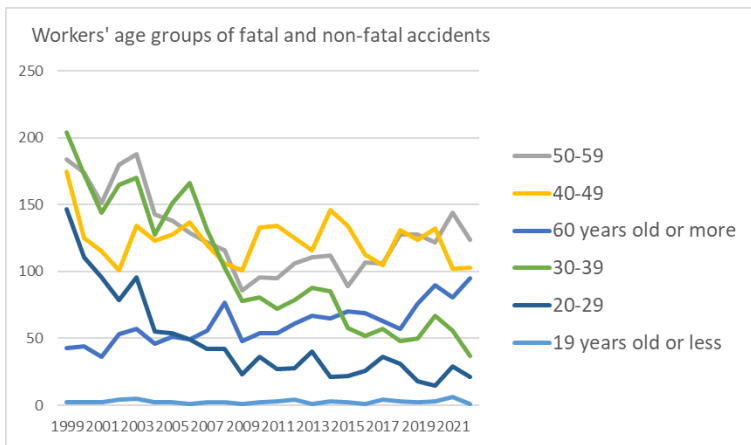
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



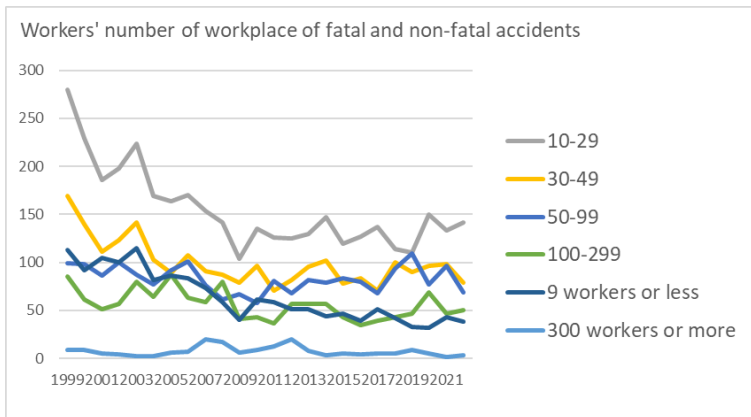
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



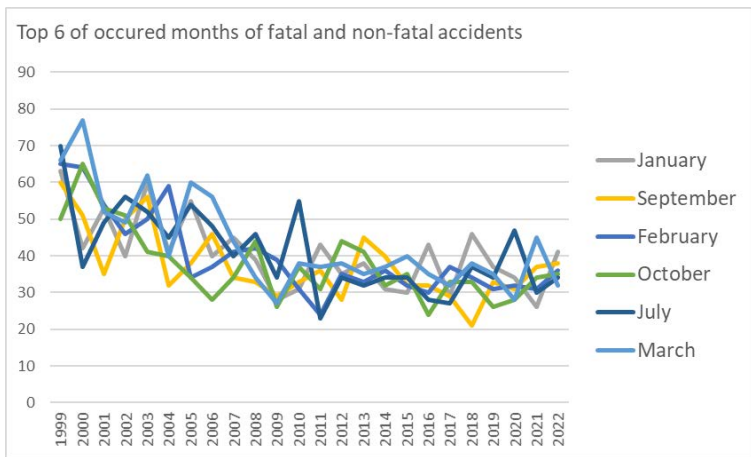
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



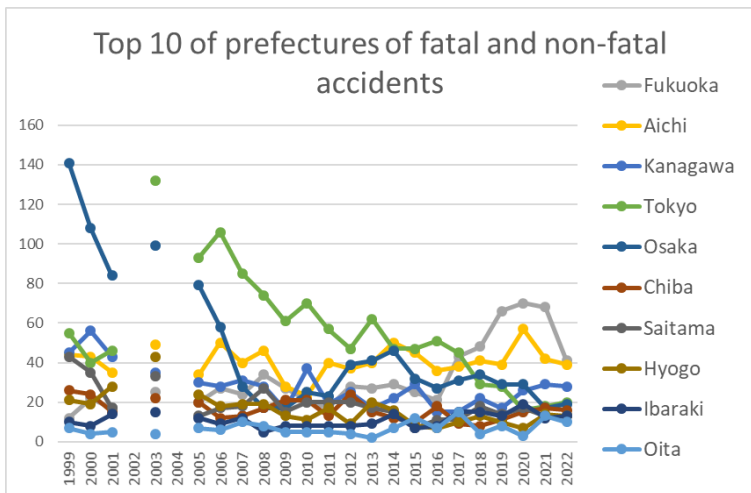
Transition of workers' age groups of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 040302 specific truck transportation service in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 040302 specific truck transportation service 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
fall from height	219	184	150	163	178	146	148	157	142	116	96	122	99	104	127	140	111	102	97	106	108	124	128	112	3,179	fall from height
reaction to motion/improper	105	83	81	64	101	62	78	77	63	66	53	67	59	66	61	75	63	47	56	56	68	74	71	59	1,655	reaction to motion/improper



drown				1									5													6	drown	
burst	1			1		1						1									1						5	burst
explosion				1	1	1									1												4	explosion
fire											1					1					1						3	fire
electric shock																												electric shock
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	381	11,151	total		

Transition of Causal agents (Large) of fatal and non-fatal accidents in 040302 specific truck transportation 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
crane, conveying machine	378	319	263	298	308	250	259	255	233	219	150	183	168	186	205	208	180	176	169	191	181	197	199	188	5,363	crane, conveying machine
temporary buildings, establishments	91	92	77	85	82	69	66	96	80	67	52	79	69	71	59	68	52	62	56	68	81	72	72	70	1,736	temporary buildings, establishments
other equipment	80	47	49	53	81	57	55	55	50	67	44	46	41	45	55	40	47	45	52	41	56	60	51	48	1,265	other equipment
load	107	85	84	73	90	55	73	48	57	44	45	45	40	48	45	64	53	38	31	34	30	36	39	33	1,297	load
others	35	29	15	21	24	21	20	22	14	19	14	23	27	24	21	19	21	15	28	27	23	28	30	15	535	others
machine	13	10	15	15	13	9	7	13	6	9	4	3	7	6	13	4	7	8	9	4	5	10	8	12	210	machine
substance, material	48	42	26	27	43	30	34	25	25	13	21	15	14	14	17	17	9	11	15	21	14	20	8	11	520	substance, material
environment	3	5	15	10	9	6	10	17	8	8	7	8	19	9	8	12	6	13	11	12	8	6	11	4	225	environment
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	381	11,151	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 040302 specific truck transportation 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
conveying machine	340	291	236	255	276	217	230	219	195	187	135	167	147	153	186	182	163	147	143	163	161	182	179	174	4,728	conveying machine
temporary buildings, establishments	91	92	77	85	82	69	66	96	80	67	52	79	69	71	59	68	52	62	56	68	81	72	72	70	1,736	temporary buildings, establishments
load	107	85	84	73	90	55	73	48	57	44	45	45	40	48	45	64	53	38	31	34	30	36	39	33	1,297	load
tools	42	21	23	26	41	28	30	22	28	33	18	16	17	28	25	20	25	20	26	22	29	33	30	27	630	tools
no causal agent	23	21	12	15	17	17	16	15	7	16	14	18	27	21	16	16	18	14	21	19	20	27	23	14	427	no causal agent
human power machine, tools	27	14	15	21	32	23	19	21	18	25	14	23	19	12	19	16	15	21	20	14	14	20	16	13	451	human power machine, tools
vehicle	23	20	16	31	23	19	12	25	28	22	9	9	16	27	15	16	7	21	20	22	15	8	8	11	423	vehicle
materials	43	40	26	26	37	27	29	24	24	11	19	13	11	12	16	15	9	11	12	18	12	18	7	8	468	materials
other equipments, facilities	10	9	8	5	6	4	5	9	3	9	9	4	5	4	9	4	5	3	6	3	12	7	5	7	151	other equipments, facilities
construction machine	5	3	7	7	4	5	4	6	3	8	2	2	3	4	4	2	2	6	3		2	5	3	5	95	construction machine
natural environment	3	5	15	10	9	6	10	17	8	8	7	8	19	9	8	12	6	13	11	12	8	6	11	4	225	natural environment
general machine	4	3	3	4	6	1	3	6	2		1		2	2	4	1	2		5	2	2		1	4	58	general





welding equipment			1														1			1							3	welding equipment
kiln, caldron															1		1										2	kiln, caldron
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	381	11,151	total		

Transition of Causal agents (Small) of fatal and non-fatal accidents in 040302 specific truck transportation service 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
truck			207		236		207	194	167	164	118	143	122	134	161	165	141	135	116	145	145	168	164	153	3,185	truck
passage			26		21		21	30	26	22	18	32	25	28	20	30	21	23	29	32	42	31	33	38	548	passage
load			78		86		67	46	53	41	43	39	36	41	42	55	46	37	28	33	27	33	39	32	902	load
other tools			16		21		21	15	20	17	9	9	11	17	10	13	17	13	13	11	24	19	14	17	307	other tools
no causal agent			12		17		16	15	7	16	14	18	27	21	16	16	18	14	21	19	20	27	23	14	351	no causal agent
forklift			22		31		19	18	20	17	13	17	20	11	17	14	16	10	18	14	14	11	14	13	329	forklift
cars, bus, motorcycle			15		22		11	24	26	22	9	8	16	27	15	15	7	21	20	20	14	7	7	10	316	cars, bus, motorcycle
ladder			6		14		7	4	7	11	7	6	4	7	13	7	7	4	11	11	5	11	15	10	167	ladder
building, establishment			16		16		13	21	12	15	9	12	11	14	12	13	10	14	6	9	6	11	8	9	237	building, establishment
stairs, landing stage			10		10		12	15	16	11	11	14	15	7	10	10	8	12	11	9	15	10	11	9	226	stairs, landing stage
other temporary buildings, establishments			10		21		9	13	8	7	5	10	5	10	8	7	6	7	7	11	11	14	9	7	185	other temporary buildings, establishments
other equipment, facilities			8		6		5	9	3	9	9	4	5	4	9	4	5	3	6	3	12	7	5	7	123	other equipment, facilities
human power																										human power

hauling equipment			14		24		14	18	15	23	11	19	19	8	12	13	13	18	16	12	10	10	9	6	284	hauling equipment
working platform, boot board			14		12		10	15	15	10	9	11	8	9	9	8	6	5	3	7	6	5	9	6	177	working platform, boot board
other powered conveying machines			4		6		2	3	2	3	2	3	4	4	6	3	3	2	7	2	1	1	1	4	63	other powered conveying machines
conveyor			3		3		2	4	5	3	1	1	1	4	2		1		2	2	1	1		4	40	conveyor
other general power machines			2		4		3	5	1		1		1	2	3	1	2		4	2	2		1	4	38	other general power machines
human power cranes					1		1		1	1					1						2	4	4	4	19	human power cranes
metal material			10		17		17	13	9	4	8	4	3	6	6	9	5	4	3	9	5	8	3	3	146	metal material
other environments			6		5		9	13	4	5	2	6	3	4	5	9	2	11	9	6	2	4	4	3	112	other environments
hand tool			1		6		3	3	2	1	3	4		3	6	3	2	3	4	1	2	6	3	3	59	hand tool
excavating machine			4				3	2	1	1		2	3		2	1			2			3	2	3	29	excavating machine
stone, sand, substance			5		1		1		1	1	2	2	1	1	3		1		2		2		1	3	27	stone, sand, substance
other hazards, harmful substances					1					1						1			2	1			1	3	10	other hazards, harmful substances
mobile crane			5		2		7	5	5	5	6	5	3	2	2	5	2	4	6	3	4	7	3	2	83	mobile crane
leveling, transporting or loading machine			2					2	1	3	1			2			1	2			1			2	17	leveling, transporting or loading machine
lumber, bamboo			7		13		7	6	8	5	6	3	6	2	4	4	3	2	5	5	2	7	3	1	99	lumber, bamboo
machine/equipment as load			6		4		6	2	4	3	2	6	4	7	3	9	7	1	3	1	3	3		1	75	machine/equipment as load

other materials			4		6		4	5	6	1	3	4	1	3	3	2		5	2	4	3	3		1	60	other materials
crane			4		2		8	3	3	4		2	2	3		2	7	2		2	1		7	1	53	crane
natural ground, rock			3		3			1	4	1	1	2	2		1	1	2	1					3	1	26	natural ground, rock
unclassifiable								2	4			3		1		1	1			1			1	1	15	unclassifiable
other vehicles			1		1		1	1	2			1				1				2	1	1		1	13	other vehicles
opening							1	2	2				2	1				1			1			1	11	opening
power transmission mechanism			2							1					1		1	1		1				1	8	power transmission mechanism
circular sawing machine			1						1		1						1		1			1		1	7	circular sawing machine
transmission					1				1			1												1	5	transmission
felling machine																					1			1	2	felling machine
other causal agent			3		7		4	5	3	3		2		2	5	2	2	1	7	7	3	1	6		63	other causal agent
slinging tool			1		6		2	3	1	5	2	1	2	4	2		1	3	2			3	1		39	slinging tool
high/cold temperature environment			4		1			2		1	3		4	2	1	2	1	1	2	5	4	2	2		37	high/cold temperature environment
water			2				1	1		1			9	1	1		1				2		1		20	water
harmful substance					3		2	1	1	1	2	1	3						1	1	1	2			19	harmful substance
other construction machines					3		1	2		3	1			1	1		1	2			1	1			17	other construction machines
elevator, lift					4			1	1	1				1	1	1	1			1			1		13	elevator, lift
other pressure			1		1		1	2			3	2			1					1	1				13	other pressure

vessels																								vessels			
other powered crane			2		1		2	2						1	2		1					1		12	other powered crane		
grinding machine, buffing machine					1							2		1								3	4		11	grinding machine, buffing machine	
scaffolding								1	2			2				1						1	2		9	scaffolding	
inflammable substance					2		2							1	1							1				7	inflammable substance
roof, beam, haze, crossbeam, principal rafter			1		2							1	2												6	roof, beam, haze, crossbeam, principal rafter	
standing tree										1		1	2								1			1		6	standing tree
vehicle for high lift work									1						1		1						1	1		5	vehicle for high lift work
inflammable gas						1					1		2									1				5	inflammable gas
chain saw			1								1			1								1				4	chain saw
hardening machine			1		1			1					1													4	hardening machine
loader											2						2									4	loader
human power machine					1		1							1								1				4	human power machine
engine			1														1					1				3	engine
demolition machine														1			1	1								3	demolition machine
other metal manufacturing machines							1								1		1									3	other metal manufacturing machines







Transition of workers' age groups of fatal and non-fatal accidents in 040302 specific truck transportation 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	184	174	151	180	188	143	138	129	122	116	86	96	95	106	111	112	89	107	106	128	128	122	144	124	3,079	50-59
40-49	175	125	115	101	134	123	128	137	120	106	101	133	134	125	116	146	134	113	105	131	124	132	102	103	2,963	40-49
60 years old or more	43	44	36	53	57	46	51	49	56	77	48	54	54	61	67	65	70	69	63	57	76	90	81	95	1,462	60 years old or more
30-39	204	173	144	165	170	128	151	166	131	103	78	81	72	79	88	85	58	52	57	48	50	67	56	37	2,443	30-39
20-29	147	111	96	79	96	55	54	49	42	42	23	36	27	28	40	21	22	26	36	31	18	15	29	21	1,144	20-29
19 years old or less	2	2	2	4	5	2	2	1	2	2	1	2	3	4	1	3	2	1	4	3	2	3	6	1	60	19 years old or less
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	381	11,151	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 040302 specific truck transportation 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
10-29	280	229	186	198	224	169	164	170	154	142	104	135	126	125	130	147	119	127	137	114	110	150	133	142	3,715	10-29
30-49	169	140	111	123	142	103	89	107	91	87	79	96	71	82	95	102	78	83	71	100	90	96	98	79	2,382	30-49
50-99	99	98	86	100	87	77	92	101	76	61	67	58	81	68	82	79	83	80	68	94	109	77	96	69	1,988	50-99
100-299	85	61	51	57	80	64	87	63	59	80	41	43	36	57	57	57	43	35	39	43	47	69	47	50	1,351	100-299
9 workers or less	113	92	105	100	115	82	86	83	73	59	40	61	59	51	51	44	47	39	51	42	33	32	43	38	1,539	9 workers or less
300 workers or more	9	9	5	4	2	2	6	7	20	17	6	9	12	20	8	3	5	4	5	5	9	5	1	3	176	300 workers or more
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	381	11,151	total

Transition of occurred months of fatal and non-fatal accidents in 040302 specific truck transportation 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
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Hyogo	21	19	28		43		24	18	19	19	13	11	17	9	20	16	8	7	10	13	10	7	14	13	359	Hyogo
Ibaraki	10	8	14		15		12	9	12	5	8	8	8	8	9	14	7	8	15	15	13	19	12	13	242	Ibaraki
Oita	7	4	5		4		7	6	10	8	5	5	5	4	2	7	12	7	15	4	8	3	13	10	151	Oita
Kyoto	14	5	8		7		6	14	8	4	8	12	7	10	11	13	14	10	13	18	21	16	25	9	253	Kyoto
Mie	103	40	4		5		9	4	2	2	2	6	11	3	3	9	5	6	3	5	3	7	10	9	251	Mie
Shizuoka	17	17	7		15		8	11	8	14	11	9	11	11	10	12	14	8	10	12	13	11	8	9	246	Shizuoka
Gunma	3	5	11		10		6	10	7	3	3	2	5	7	4	6	3	5	6	13	5	7	2	9	132	Gunma
Kumamoto	3	2	6		4		8	6	8	10	3	3	6	3	4	7	5	7	9	11	4	9	5	9	132	Kumamoto
Hiroshima	27	15	18		12		18	8	19	12	7	7	13	9	9	7	6	9	2	8	5	6	6	8	231	Hiroshima
Gifu	23	24	21		5		11	10	10	14	6	10	10	9	10	7	7	9	4	2	4	4	5	8	213	Gifu
Fukushima	4	7	4		6		7	4	7	13	6	5	4	2	7	6	6	3	5	5	9	9	12	8	139	Fukushima
Kochi	3	2	2		2		3	5	3		1	1		3	13	3	10	6	4	5	3	2	7	8	86	Kochi
Tochigi	7	7	4		5		10	5	8	15	4	6	5	10	4	11	2	3	5	5	2	6	4	7	135	Tochigi
Yamaguchi	13	9	7		8		4	4	3		6	4	5	5	4	3	6	4	5	5	6	5	5	7	118	Yamaguchi
Kagoshima	6	4	5				3	6	4	4	3	2	2	2	4	6	1	6	3	1	2	4		7	75	Kagoshima
Hokkaido	9	10	8		14		8	9	9	8	6	1	8	8	6	10	11	17	9	10	5	10	2	6	184	Hokkaido
Nara	7	1	5		4		1		2	3	2	3	5	6	13	12	4	7	4	3	6	4	7	6	105	Nara
Toyama	7	3	3		2		6	4	3	2	3	6	8	4	1	3	3		1	5	5	3	2	6	80	Toyama
Miyazaki	5	3	4		2		4	3	5	2		2	3	1	2	4	3	2	1		2	2	2	6	58	Miyazaki
Wakayama	5	7	20		6		9	5	7	6	9	9	8	3	1	4	4	6	8	8	8	2	5	5	145	Wakayama
Ishikawa	1	2	4		8			2	4	2		3		1	3	6	7	3		4	2	8	4	5	69	Ishikawa
Kagawa	4	11	11		5		12	7	6	2	1	3	4	6	5	4	3	16	5	4	7	8	10	4	138	Kagawa
Shiga	10	8	11		5		6	3	6	5	2	4	3	6	5	6	5	2	2	1	2	2	4	4	102	Shiga
Akita	11	11	15		4		3	5	8	5	7	4		1	5		4	3	1		1		2	4	94	Akita

Nagasaki	7	2	1		6		2	1	1		1	4	2	4	7	1		3	1	2	3	6	4	4	62	Nagasaki
Saga	3	3	2		1			3	3		1	1		2	1	1		1	1	2	3		1	4	33	Saga
Nagano	9	9	18		8		8	10	9	5	6	13	6	6	6	3	10	2	8	6	8	11	8	3	172	Nagano
Okayama	5	13	8		5		8	2	4	5	5	4	2	1	1	2	3	1	6	6	6	2	5	3	97	Okayama
Fukui	7	3	5		7		5	3	2		1	6	9	3	3	4	6	4	2	3	2	1		3	79	Fukui
Niigata	3	6	1		3		1	3	6	3	4	4	1	3	3	2		1	2	2	3	3	3	2	59	Niigata
Iwate	3	1	2		1		1	3	1	1		3	4	1			1	1	1	5	3	6	2	2	42	Iwate
Okinawa	1							1	1			1			2		1					2	3	2	14	Okinawa
Tokushima	6	7	3		5		1	4	5	6	3	1	4	3	4			4		2	2	2	5	1	68	Tokushima
Aomori		1	3		3		2	5	2	5	1	2	1	3	3	5		2	2		5	2	2	1	50	Aomori
Miyagi	7	12	8		7		9	14	6	10	5	9	13	13	10	9	3	5	3	2	3	2	7		157	Miyagi
Ehime	4	2	6		11		3	18	10	4	6	7	5	9	5	4	3	7	5	4	8	4	4		129	Ehime
Tottori	5	7	1		3		3	4	3	5	2			3	2		1	2	5	3	1	2	2		54	Tottori
Yamagata	6	3	4		4		2	2						1	3	1	1	1	1			1			30	Yamagata
Yamanashi	1						3	1	3	1		3		1	1	1		1	1	2	1	1			21	Yamanashi
Shimane	2	8					2	1			1	1	1				1		1	1		1	1		21	Shimane
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	381	11,151	total

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

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