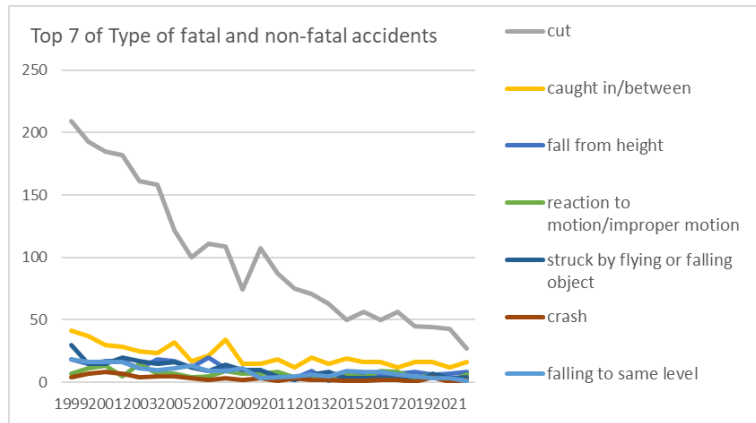
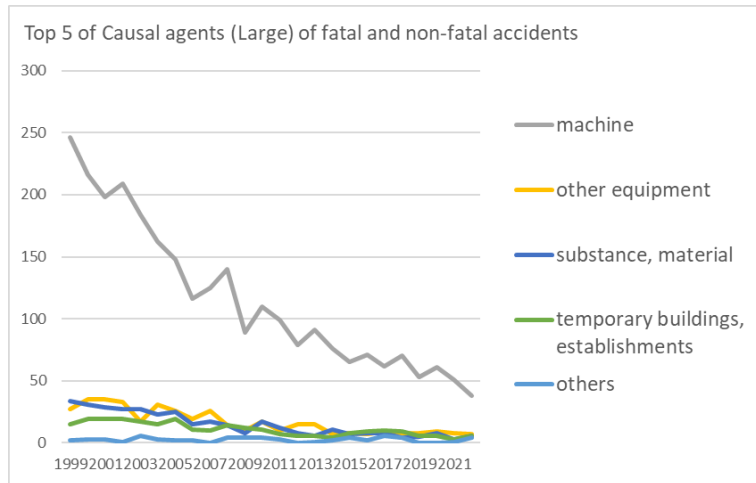


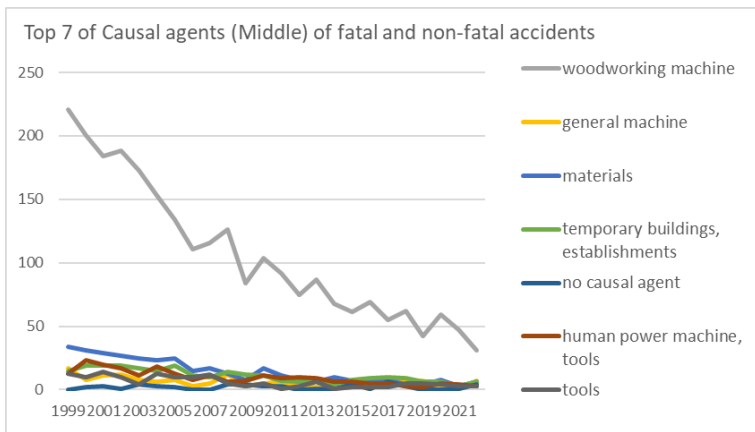
Transition of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



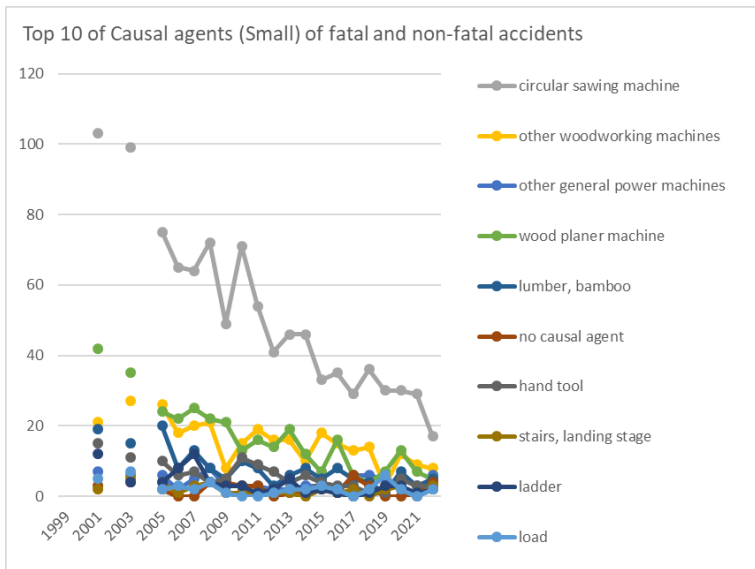
Transition of Top 7 of Type of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



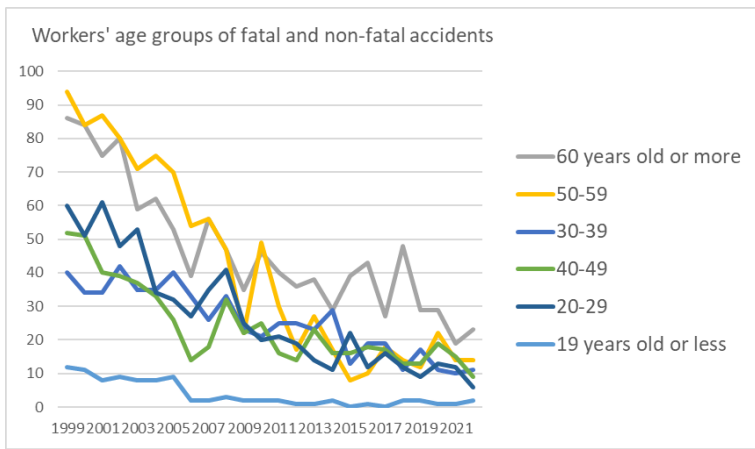
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



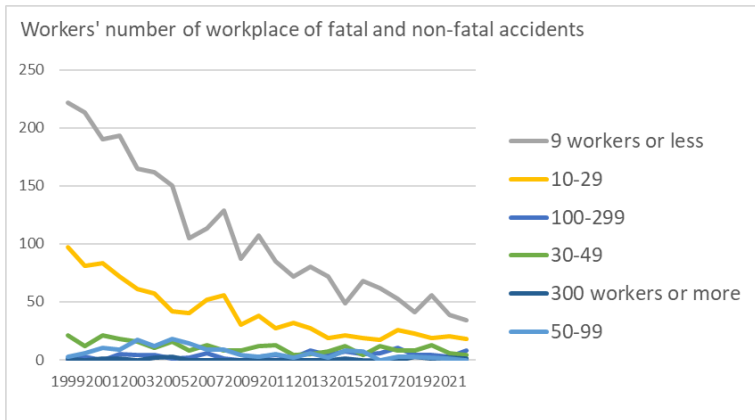
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



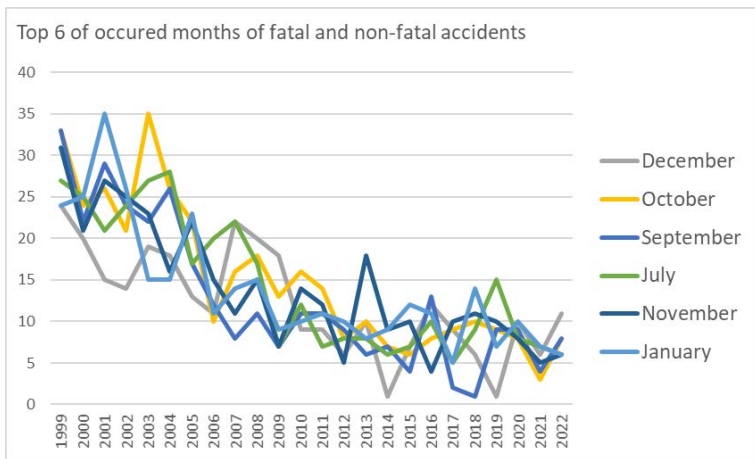
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



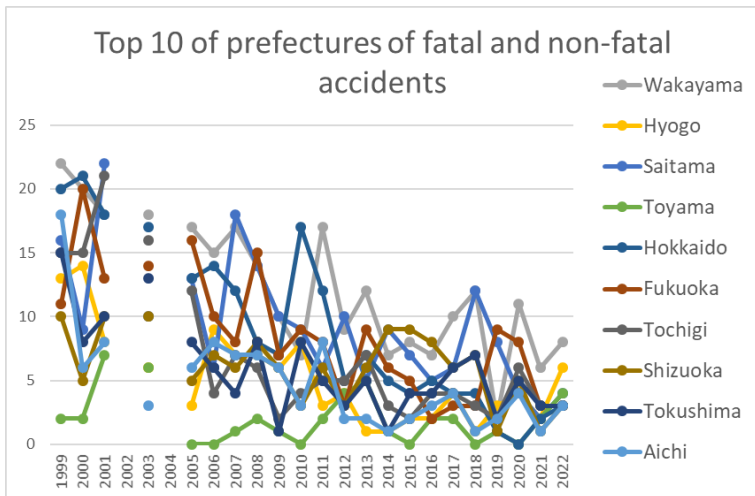
Transition of workers' age groups of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010503 fittings in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010503 fittings 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
cut	209	193	185	182	161	158	122	100	111	109	74	107	87	75	71	63	50	56	50	56	45	44	43	27	2,378	cut
caught in/between	41	37	30	28	25	23	32	17	21	34	15	15	18	12	20	15	19	16	16	12	16	16	12	16	506	caught in/between



unclassifiable	1																													1	unclassifiable
drown																															drown
burst																															burst
traffic accident (others)																															traffic accident (others)
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total					

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010503 fittings 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	246	216	198	209	184	162	148	116	125	140	89	110	99	79	91	76	65	71	62	70	53	61	51	38	2,759	machine
other equipment	27	35	35	33	17	31	26	19	26	14	10	17	10	15	15	7	8	7	9	8	8	9	8	7	401	other equipment
substance, material	34	31	29	27	27	23	25	15	17	14	8	17	12	8	6	11	7	8	8	4	5	8	3	6	353	substance, material
temporary buildings, establishments	15	19	19	19	17	15	19	11	10	14	12	11	7	6	6	4	8	9	10	9	6	6	3	6	261	temporary buildings, establishments
others	2	3	3	1	6	3	2	2		4	4	4	3		1	2	4	2	6	4			1	4	61	others
crane, conveying machine	11	8	16	4	3	10	5	2	11	12	5	3	2	3	5	1	3	3	2	2	4	8	5	2	130	crane, conveying machine
load	8	2	5	3	8	3	3	3	3	4	1			1	2	2	3	2		2	6	2		2	65	load
environment	1	1		2	1		2	1	1	1		1	1			1		1		1		1			16	environment
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010503 fittings 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
woodworking machine	221	200	184	188	173	153	134	111	116	126	84	104	92	75	87	68	61	69	55	62	42	59	47	31	2,542	woodworking machine
general machine	17	8	11	12	8	6	8	3	5	12	3	5	6	2	2	7	4	1	7	6	7	2	1	7	150	general machine
materials	34	31	29	27	25	23	25	15	17	13	8	17	11	8	6	10	7	8	8	4	4	8	3	6	347	materials
temporary buildings, establishments	15	19	19	19	17	15	19	11	10	14	12	11	7	6	6	4	8	9	10	9	6	6	3	6	261	temporary buildings, establishments
no causal agent		2	3	1	4	3	2			4	4	3	3		1	1	4	1	6	3			1	4	50	no causal agent
human power machine, tools	13	23	20	17	11	18	13	8	11	6	7	11	9	10	9	6	6	5	5	3	2	5	4	3	225	human power machine, tools
tools	13	10	14	10	4	13	10	10	12	5	3	5	1	3	6	1	2	2	2	5	5	4	3	3	146	tools
conveying machine	9	5	13	2	3	8	2	1	6	9	4	3	2	2	5	1	2	2	1	1	4	6	5	2	98	conveying machine
load	8	2	5	3	8	3	3	3	3	4	1			1	2	2	3	2		2	6	2		2	65	load
other equipments, facilities	1		1	3	2		3		1	3				2					2		1		1	1	21	other equipments, facilities
metal manufacturing machine	7	4	3	7	2	2	4	2	4	2	2	1	1	1	2	1		1		1	3			3	53	metal manufacturing machine





																										facilities
welding equipment																										welding equipment
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010503 fittings 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
circular sawing machine			103		99		75	65	64	72	49	71	54	41	46	46	33	35	29	36	30	30	29	17	1,024	circular sawing machine
other woodworking machines			21		27		26	18	20	21	8	15	19	16	16	10	18	15	13	14	3	12	9	8	309	other woodworking machines
other general power machines			7		6		6	2	5	8	3	3	3	2	2	3	3	1	6	6	5	2	1	6	80	other general power machines
wood planer machine			42		35		24	22	25	22	21	13	16	14	19	12	7	16	6	4	7	13	7	5	330	wood planer machine
lumber, bamboo			19		15		20	8	13	8	5	10	8	3	6	8	5	8	5	4	1	7	3	5	161	lumber, bamboo
no causal agent			3		4		2			4	4	3	3		1	1	4	1	6	3			1	4	44	no causal agent
hand tool			15		11		10	6	7	4	5	11	9	7	4	6	4	3	3	1	1	5	3	3	118	hand tool
stairs, landing stage			2		5		4	1	3	4	1	1	1	1	1		2	1	2		2	3		3	37	stairs, landing stage
ladder			12		4		4	8	12	4	3	3	1	2	5	1	2	1		1	3	3	1	2	72	ladder
load			5		7		2	3	2	4	1			1	2	2	3	2		2	6	2		2	46	load
chamfering machine, router, woodworking milling machine			9		7		9	2	5	8	3	4	2	2	2		2		2	6	2	2	1	1	69	chamfering machine, router, woodworking milling machine

passage			10		5		3	5	3	4	6	2	4	4	1		4	3	4	4	2	1	1	1	67	passage
truck			7		2		1	1	4	6	4	2		2	4			1			4	6	3	1	48	truck
other materials			3		8		3	4	1	4	2	5	1	3		1	1		1		2			1	40	other materials
other tools			2				6	2		1		2		1	1			1	2	4	2	1	2	1	28	other tools
roll machine (except printingroll machine)			4		2		2	1		4		2	3			4	1				1			1	25	roll machine (except printingroll machine)
building, establishment			1		3		4	1	1	3	1	3	1	1	2				2			1		1	25	building, establishment
forklift			3		1					3			2		1	1	1	1	1	1			1	1	17	forklift
other equipment, facilities			1		2		3		1	3				2					2		1		1	1	17	other equipment, facilities
other temporary buildings, establishments			1		2					1	1	2	1			1			1	1			1	1	13	other temporary buildings, establishments
hollow chisel mortiser, wood borer			6		5			3	2	2	3		1	1	3		1	3	4	2		1			37	hollow chisel mortiser, wood borer
human power hauling equipment			5				3	2	4	2	1			3	5		2	2	1	2	1				33	human power hauling equipment
working platform, boot board			2		2		3	2	3	2	2	3				3	1	3	1	1	1		1		30	working platform, boot board
metal material			5		2		2	2	3	1	1	2	2	2			1		1		1	1			26	metal material
other metal manufacturing			1		1		2			1	2	1	1		1	1					3		1		15	other metal manufacturing

machines																									machines	
cars, bus, motorcycle			2				1	1	3	3				1				1	1	1					15	cars, bus, motorcycle
band sawing machine			3					1		1		1		1	1					1		1			11	band sawing machine
roof, beam, haze, crossbeam, principal rafter			2				2	1							2		1	2							11	roof, beam, haze, crossbeam, principal rafter
other causal agent					2			2				1				1		1		1					8	other causal agent
power press			1					2	1	1								1							7	power press
conveyor			2				1		2			1													7	conveyor
power transmission mechanism					1		1							1						1	1				5	power transmission mechanism
drill press, milling machine					1				2						1					1					5	drill press, milling machine
scaffolding			1				1	1												1				1	5	scaffolding
opening						2						1								2					5	opening
stone, sand, substance			2					1							1										5	stone, sand, substance
high/cold temperature environment							1	1					1							1			1		5	high/cold temperature environment
other environments					1		1		1						1		1								5	other environments
grinding machine, buffing machine							1		1														1		3	grinding machine, buffing machine







pressure vessel																										pressure vessel	
other pressure vessels																											other pressure vessels
chemical facilities																											chemical facilities
gas welding equipment																											gas welding equipment
arc welding equipment																											arc welding equipment
other welding equipment																											other welding equipment
industrial dryer																											industrial dryer
transmission																											transmission
electric power facilities																											electric power facilities
human power cranes																											human power cranes
slinging tool																											slinging tool
timbering																											timbering
explosive substance																											explosive substance
radiation																											radiation
water																											water
abnormal environment																											abnormal environment
unclassifiable																											unclassifiable
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total	

Transition of workers' age groups of fatal and non-fatal accidents in 010503 fittings 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
60 years old or more	86	84	75	80	59	62	53	39	56	47	35	46	40	36	38	29	39	43	27	48	29	29	19	23	1,122	60 years old or more
50-59	94	84	87	80	71	75	70	54	56	47	22	49	30	17	27	17	8	10	18	14	12	22	14	14	992	50-59
30-39	40	34	34	42	35	35	40	33	26	33	23	21	25	25	23	29	13	19	19	11	17	11	10	11	609	30-39
40-49	52	51	40	39	37	33	26	14	18	32	22	25	16	14	23	16	16	18	17	13	13	19	15	9	578	40-49
20-29	60	51	61	48	53	34	32	27	35	41	25	20	21	19	14	11	22	12	16	12	9	13	12	6	654	20-29
19 years old or less	12	11	8	9	8	8	9	2	2	3	2	2	2	1	1	2		1		2	2	1	1	2	91	19 years old or less
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010503 fittings 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
9 workers or less	222	213	190	193	165	162	150	105	113	129	87	107	85	72	80	72	49	68	62	53	41	56	39	34	2,547	9 workers or less
10-29	97	81	83	72	61	57	42	40	52	56	30	38	27	32	27	19	21	19	17	26	23	19	20	18	977	10-29
100-299		3		5	4	4	1	2	6	1		3	4	2	8	4	7	5	6	10	4	4	3	8	94	100-299
30-49	21	12	21	18	16	10	16	8	13	8	8	12	13	4	5	7	12	4	12	8	8	13	6	4	259	30-49
300 workers or more	1		1	1		2	3										1				3	1	2	1	16	300 workers or more
50-99	3	6	10	9	17	12	18	14	9	9	4	3	5	2	6	2	8	7		3	3	2	1		153	50-99
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total

Transition of occurred months of fatal and non-fatal accidents in 010503 fittings 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
December	24	20	15	14	19	18	13	11	22	20	18	9	9	6	10	1	7	12	9	6	1	10	6	11	291	December
October	33	24	26	21	35	26	22	10	16	18	13	16	14	8	10	7	6	8	9	10	9	8	3	8	360	October
September	33	22	29	24	22	26	17	12	8	11	7	11	11	9	6	7	4	13	2	1	9	9	4	8	305	September
July	27	25	21	24	27	28	17	20	22	17	7	12	7	8	8	6	7	10	5	9	15	8	7	6	343	July
November	31	21	27	25	23	16	22	15	11	15	7	14	12	5	18	9	10	4	10	11	10	8	5	6	335	November
January	24	25	35	26	15	15	23	11	14	15	9	10	11	10	8	9	12	11	5	14	7	10	7	6	332	January
May	21	30	30	27	22	16	18	13	17	14	6	14	12	21	12	15	10	8	5	7	3	6	7	5	339	May
June	37	25	24	24	20	22	20	17	13	15	19	14	16	15	10	11	10	8	7	10	4	9	8	4	362	June
March	34	35	20	35	18	35	16	15	15	23	15	16	11	8	8	16	13	9	9	8	7	7	7	3	383	March
February	29	37	18	29	16	11	20	11	17	23	9	21	4	8	10	8	6	9	10	11	5	7	11	3	333	February
April	25	23	20	24	19	16	21	16	19	21	10	15	11	7	12	6	5	7	12	6	6	6	2	3	312	April
August	26	28	40	25	27	18	21	18	19	11	9	11	16	7	14	9	8	4	14	7	6	7	4	2	351	August
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total

Transition of prefectures of fatal and non-fatal accidents in 010503 fittings 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
Wakayama	22	20	18		18		17	15	17	14	10	7	17	9	12	7	8	7	10	12	2	11	6	8	267	Wakayama
Hyogo	13	14	8		6		3	9	7	7	6	8	3	4	1	1	2	2	4	1	3	4	2	6	114	Hyogo
Saitama	16	9	22		10		13	6	18	14	10	9	6	10	5	9	7	5	6	12	8	4	2	4	205	Saitama
Toyama	2	2	7		6				1	2	1		2	4	5	1		2	2		1		2	4	44	Toyama
Hokkaido	20	21	18		17		13	14	12	8	7	17	12	5	7	5	4	5	4	4	1		2	3	199	Hokkaido
Fukuoka	11	20	13		14		16	10	8	15	7	9	8	3	9	6	5	2	3	3	9	8	3	3	185	Fukuoka
Tochigi	15	15	21		16		12	4	7	6	2	4	5	5	7	3	2	4	4	3	2	6	3	3	149	Tochigi

Shizuoka	10	5	10		10		5	7	6	8	6	3	6	3	6	9	9	8	6	7	1	5	1	3	134	Shizuoka
Tokushima	15	8	10		13		8	6	4	8	1	8	5	3	5	1	4	4	6	7	2	5	3	3	129	Tokushima
Aichi	18	6	8		3		6	8	7	7	6	3	8	2	2	1	2	3	4	1	2	4	1	3	105	Aichi
Gifu	8	11	10		3		7	7	3	4	4	4	3	7	2	3	3	2	3	4	4	4	4	3	103	Gifu
Niigata	9	11	11				10	6	9	10	5	6	5	5	5	5	2	3	7	4	2	1	5	2	123	Niigata
Nagano	7	9	9		4		8	4	1	3	1	3	2	4	1	3	4	5	1	5	4	2	3	2	85	Nagano
Fukushima	4	6	2		7		4	1	4	3	2	1		2		3	3	4		2	6	4	2	2	62	Fukushima
Nara	2	8	4		4		4		3	1	3	2	5	2	3		6	4			2			2	55	Nara
Hiroshima	9	9	9		9		4	4	6	4	5	8	6	2	1	6	3	1	1	2	2	2	2	1	96	Hiroshima
Okayama	9	6	7		11		3	5	8	11	5	4	2	2	4	2	3	3	2		1	2	3	1	94	Okayama
Yamaguchi	5	9	6		7		9	3	2	4	3	2	3	1	3	2	4	2	2		3	3	2	1	76	Yamaguchi
Gunma	9	7	4		5		3	1	1	5	4	4			5		4	4	2	2	1	2	2	1	66	Gunma
Miyagi	4	7	3		3		5	4	3	2	1	3	2	1	4	1	1	2		1	1			1	49	Miyagi
Kagawa	6	5	1		4		3	4	3	3	3	5	1	1	2	3					1	1	1	1	48	Kagawa
Okinawa	3	4	4		7		2	6	1	1	1	2	1	2	1	1	1		1	1		1	1	1	42	Okinawa
Kochi	2	4	4		6			1	1	4	2	3	1	2		2		1	2	1		2		1	39	Kochi
Saga	4	3	1		1		3	2	2	2		3	2		2	3	1	3	2		1	1	1	1	38	Saga
Iwate	4	2	6		3		4	2		3	1	2		1	1		1		1	2		1	1	1	36	Iwate
Chiba	4	6	4		1		1	1	1	1	2	2	2	2	3	2	1	1		1				1	36	Chiba
Kyoto	2	2	7		2		5	1	3	1	3		2	1	1	1		1	1	1				1	35	Kyoto
Ibaraki	5	1			1				2	1		1	2		1	1		1		1	1			1	19	Ibaraki
Fukui					2			1	3	1	2	1	1			1				2				1	15	Fukui
Osaka	17	10	6		8		11	2	3	6	2	7	1	6	8	3	2	2	6	2	4	3	5		114	Osaka

Yamagata	10	6	2		9		7	5	7	3	2	2	1	2	2	2	3	2	1	3	3	2	2			76	Yamagata	
Tokyo	8	5	10		4		6	5	5	4	6	4	1	1	3	2		2	4	1	1	4				76	Tokyo	
Kanagawa	13	13	9		5		6	1	3	4	1	1	2	2	4		2	1			3		1			71	Kanagawa	
Akita	5	6	8		3		2	3	6	5	3	5	3	3	2	4	3	2	2	2		1	1			69	Akita	
Shimane	12	7	8		11		3	3	4	3	1	2		2		4			3	2	2	2				69	Shimane	
Oita	5	6	7		3		5	3	3	2	2	4	3	3	1	1	2		3	3	1	3	1			61	Oita	
Mie	7	5	5		5		3	5	5	8	3	5			1		1		2	2	1	2				60	Mie	
Nagasaki	1	2	4		3		2	1	3	3	1	2	4	2			2	2	1	2	2	4				41	Nagasaki	
Ehime	8	5	3		3		5	1		1	1		3	2			1	2	2			2	1			40	Ehime	
Kumamoto	1	7	2		4		1	2	2	3		1				2	1	2	1				1			30	Kumamoto	
Ishikawa	4	8	4				2	2		1		3		1	1									2			28	Ishikawa
Aomori	1	1	5		4		2	1	1	1	1	1	2			1		1		2							24	Aomori
Shiga	5	1			1		1	2	4	1	1	1	1	2	1									3			24	Shiga
Kagoshima	3		2		3		3		2	1	1				4	1		2	1	1							24	Kagoshima
Miyazaki	3	1			1		3		1	1	1	1		2				3			3	1					21	Miyazaki
Tottori	3	1	2		3			1		1			1	1		1	1										15	Tottori
Yamanashi		1	1						1	2					2		1	1		1							10	Yamanashi
total	344	315	305	298	263	247	230	169	193	203	129	163	134	112	126	104	98	103	97	100	82	95	71	65	4,046	total		

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

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