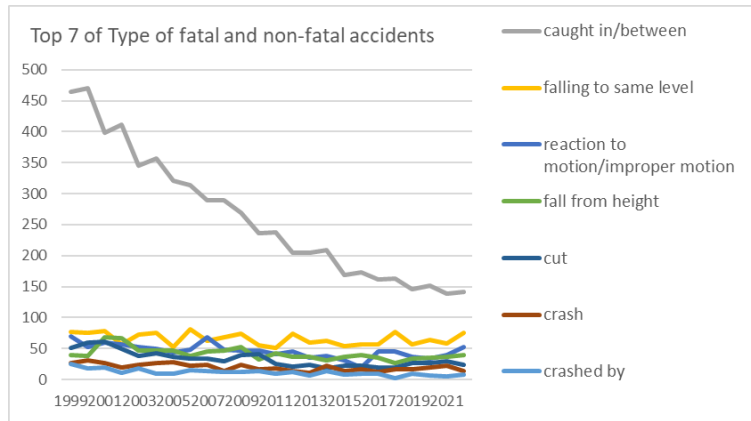
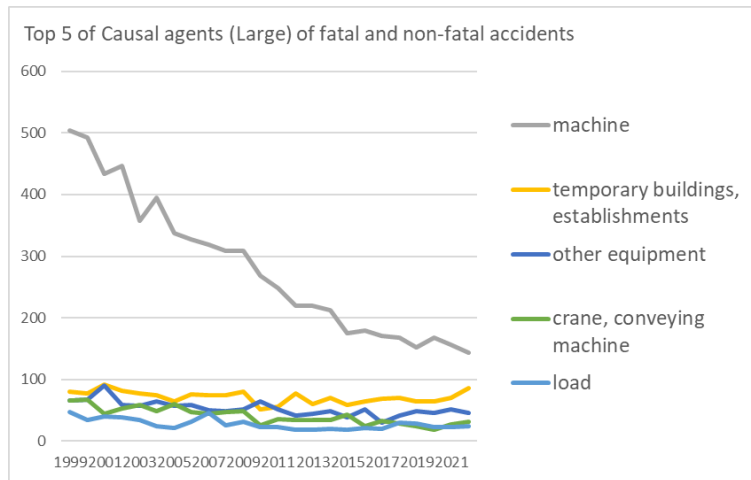


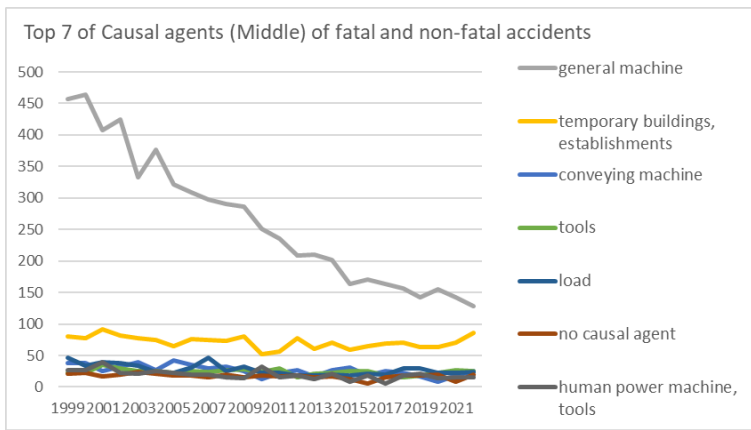
Transition of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



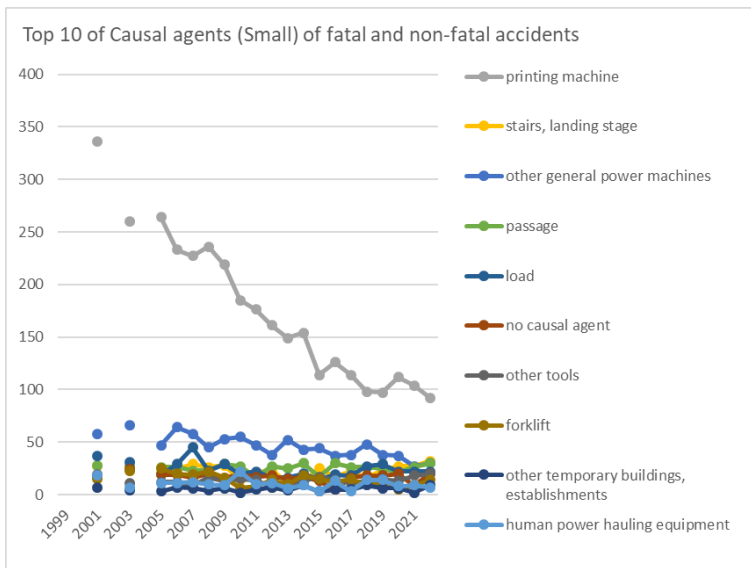
Transition of Top 7 of Type of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



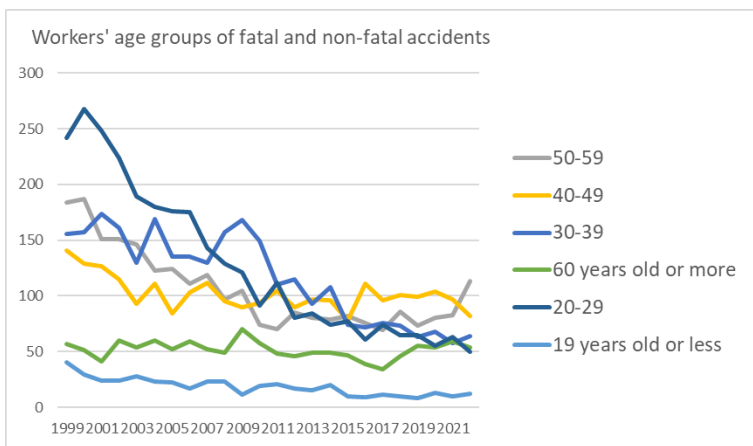
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



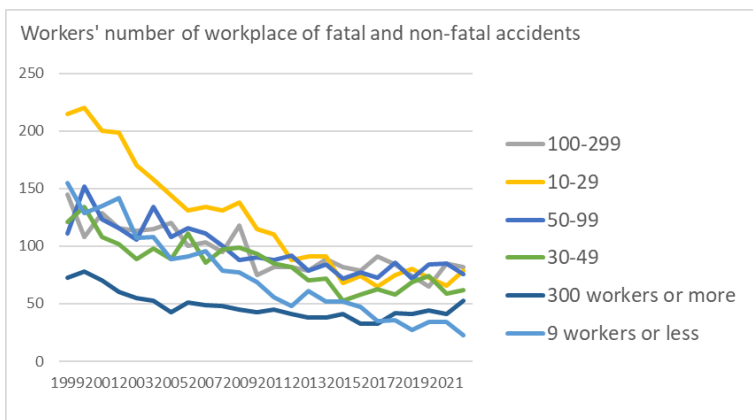
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



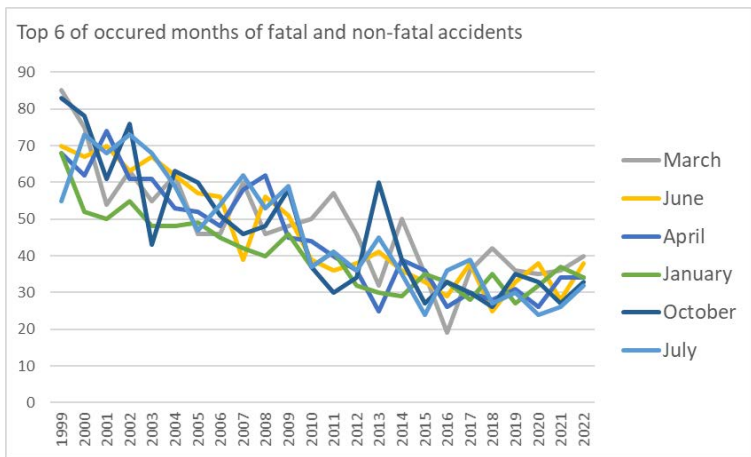
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



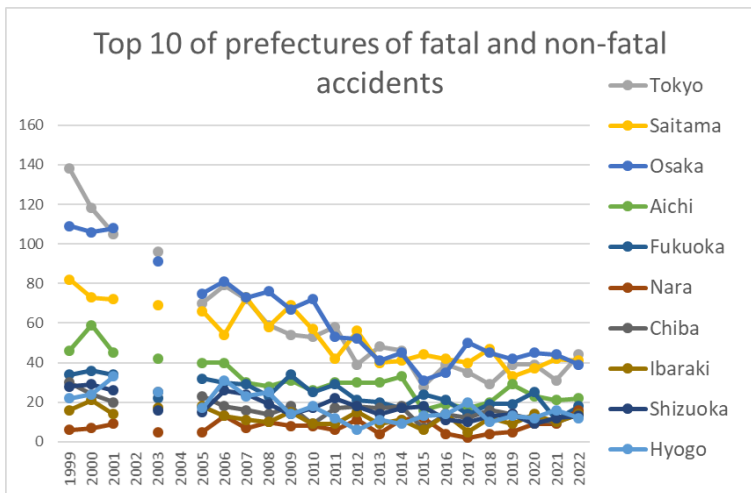
Transition of workers' age groups of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010701 printing service in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010701 printing 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
caught in/between	464	470	398	411	345	357	321	313	289	290	269	236	237	205	204	209	169	173	161	163	146	152	139	141	6,262	caught in/between
falling to same level	77	75	78	56	72	75	52	81	62	68	74	55	51	74	59	62	54	57	57	77	56	64	58	75	1,569	falling to same

																											level
reaction to motion/improper motion	70	52	60	57	52	49	44	48	68	48	46	46	41	45	35	38	31	20	45	45	37	34	39	53	1,103	reaction to motion/improper motion	
fall from height	40	38	68	67	46	47	46	38	45	47	53	32	43	37	37	31	37	39	35	27	33	35	37	39	997	fall from height	
cut	51	59	61	50	38	43	37	34	34	30	40	41	25	21	24	18	22	22	20	19	26	26	29	24	794	cut	
crash	26	31	26	19	24	26	28	22	23	14	24	16	18	13	11	22	13	16	12	16	17	19	22	13	471	crash	
crashed by	25	18	19	11	18	9	10	15	13	12	12	13	10	12	6	13	8	9	9	2	10	7	5	8	274	crashed by	
struck by flying or falling object	23	29	20	25	16	27	27	22	20	19	19	16	11	13	13	20	16	13	8	16	14	7	14	7	415	struck by flying or falling object	
traffic accident (public road)	26	24	13	17	15	13	12	11	10	6	12	9	12	4	15	3	5	4	2	5	3	5	6	5	237	traffic accident (public road)	
collapse	7	14	7	7	5	8	7	9	7	11	8	7	6	5	8	4	6	10	2	5	11	7	9	3	173	collapse	
contact to high/low-temperature	5	7	3	5	2	5	1	2	3	2	2	9	3		1	1		2	2	4	4	3		2	68	contact to high/low-temperature	
others	3	1		1	2	2	2	2			2	1	2	2	1	1	4	1	5	1	3	9	10	2	57	others	
contact to harmful substance	1		5	4	1	3	2	1	1	1	2	3	3	1	1	1	2		2	1	1	5	2	2	45	contact to harmful substance	
fire		1	2		1		1								2	1	1							1	10	fire	
unclassifiable	1	1	1	2	1	1	1	1	2	1				1							1				14	unclassifiable	
electric shock		1	2			1	1	1			1	1			1										9	electric shock	
injury to the sole of the foot			2	1	1											1		2				1			8	injury to the sole of the foot	

traffic accident (others)	1			1						1	1															5	traffic accident (others)
drown						1						3														4	drown
burst				1				2							1											4	burst
explosion					1							1														2	explosion
total	820	821	765	735	640	666	593	600	579	550	565	485	466	433	418	426	368	368	360	381	363	374	370	375	12,521	total	

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010701 printing 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
machine	504	492	434	447	358	395	337	327	319	308	308	269	249	219	219	213	175	180	171	168	152	168	157	143	6,712	machine
temporary buildings, establishments	81	78	92	82	78	75	65	76	75	74	80	52	56	78	60	70	59	65	69	70	64	64	70	86	1,719	temporary buildings, establishments
other equipment	66	67	90	59	57	64	58	59	50	49	51	64	51	42	44	49	38	51	30	42	48	46	51	46	1,272	other equipment
crane, conveying machine	66	67	45	53	59	49	60	47	45	47	48	26	36	35	34	34	43	24	33	28	25	19	27	32	982	crane, conveying machine
load	47	34	40	38	34	24	22	31	46	26	32	23	23	18	18	20	18	21	20	30	29	23	23	24	664	load
others	26	35	23	26	28	27	26	26	21	24	21	20	21	23	19	20	15	7	21	23	24	27	22	23	548	others
substance, material	28	42	34	24	23	31	23	29	22	20	20	25	23	18	21	17	18	16	15	11	16	19	17	12	524	substance, material
environment	2	6	7	6	3	1	2	5	1	2	5	6	7		3	3	2	4	1	9	5	8	3	9	100	environment
total	820	821	765	735	640	666	593	600	579	550	565	485	466	433	418	426	368	368	360	381	363	374	370	375	12,521	total







																											machine
chemical facilities																											chemical facilities
total	820	821	765	735	640	666	593	600	579	550	565	485	466	433	418	426	368	368	360	381	363	374	370	375	12,521	total	

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010701 printing 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
printing machine			336		260		264	233	227	236	219	185	176	161	149	154	114	126	114	98	97	112	104	92	3,457	printing machine
stairs, landing stage			28		27		21	25	29	26	28	14	21	23	12	13	25	17	22	16	23	27	27	32	456	stairs, landing stage
other general power machines			58		66		47	64	58	45	53	55	47	38	52	43	44	37	38	48	38	37	27	30	925	other general power machines
passage			28		27		26	26	23	23	29	27	16	27	25	30	17	30	26	26	25	21	26	30	508	passage
load			37		31		19	29	45	23	29	20	22	16	16	20	15	19	18	27	29	22	22	22	481	load
no causal agent			17		24		19	19	16	20	16	19	17	18	15	17	13	5	16	18	18	20	9	20	336	no causal agent
other tools			19		11		12	12	9	16	13	15	14	7	9	13	17	14	11	13	15	13	18	20	271	other tools
forklift			15		23		25	20	19	22	16	6	8	14	10	18	15	12	15	10	11	5	9	14	287	forklift
other temporary buildings, establishments			7		4		3	7	6	4	6	2	5	7	4	9	3	5	5	9	6	6	2	9	109	other temporary buildings, establishments
human power hauling equipment			18		7		11	11	12	10	9	22	10	11	6	9	3	13	3	14	14	8	9	7	207	human power hauling equipment
roll machine (except printingroll machine)			11		7		10	10	11	10	12	11	11	8	8	4	5	7	11	10	5	5	10	7	173	roll machine (except printingroll machine)
working platform,																										working platform,

boot board			15		11		7	11	9	10	6	5	10	10	10	7	9	8	9	11	5	5	5	7	170	boot board
conveyor			5		8		6	7	4	4	4	1	5	3	3	3	7	3	4	5	1	4	5	6	88	conveyor
other environments			4		3		1	4		1	3	3	2		3	2	2	3	1	5	1	5	3	6	52	other environments
ladder			15		15		11	14	15	11	15	9	16	8	12	10	9	12	7	3	4	10	9	5	210	ladder
other materials			14		11		13	13	12	10	12	11	8	8	10	10	11	9	8	5	12	7	11	5	200	other materials
cars, bus, motorcycle			13		15		11	11	9	11	15	10	12	4	13	4	8	4	5	4	6	6	5	5	171	cars, bus, motorcycle
shearing machine			9		9		9	7	12	7	8	10	8	4	4	8	8	7	5	2	4	10	7	5	143	shearing machine
metal material			9		8		7	8	6	7	6	7	12	7	5	4	4	7	4	5	3	6	5	5	125	metal material
power transmission mechanism			4		4		4	3	1	6	7	3	2	3	4	2	1	2	2	3	2	3	3	5	64	power transmission mechanism
human power cranes									1											1	1		2	5	10	human power cranes
building, establishment			12		9		6	6	6	10	7	4	4	8	8	9	2	3	5	7	5	4	7	4	126	building, establishment
truck			5		5		4	4	6	3	3	1	6	6	4	3	6	2	3	4	4		3	4	76	truck
other equipment, facilities			13		10		10	12	6	6	8	7	5	9	11	5	4	6	6	4	8	9	6	3	148	other equipment, facilities
hand tool			18		12		12	9	7	5	3	8	4	6	5	8	5	6	2	4	6	5	4	3	132	hand tool
other causal agent			6		4		6	7	3	3	4		4	3	4	3	2	2	4	5	4	7	13	3	87	other causal agent
high/cold temperature environment			2								1	2				1		1		3	3	2		3	18	high/cold temperature environment
machine/equipment			3		3		3	2	1	3	3	3	1	2	2		3	2	2	3		1	1	2	40	machine/equipment

as load																								as load			
power press				2			4	3	2	1	2	2		1	2				1			2	2	24	power press		
circular sawing machine			4		2		1							1				1			2		1	2	17	circular sawing machine	
scaffolding								1		1				1		1	1							2	7	scaffolding	
transmission							1			1													1	2	5	transmission	
other powered conveying machines			1		3		7	3	1	3	3	4	2	4		2	3	2	4	3	1		2	1	49	other powered conveying machines	
elevator, lift			4		2		6	1	5	4	5	2		3	1	1	1		1	1	2	2	1	1	43	elevator, lift	
human power machine			4		2				1	2	2	2	1	1	4				1			1		1	22	human power machine	
other hazards, harmful substances			4		2		1				1	1	1		1		1					6		1	19	other hazards, harmful substances	
opening							2	1		1	3			1	1		1	1	1	1			2	1	16	opening	
flammable substance			2		1		1	3	1			2			1		1		1					1	14	flammable substance	
roof, beam, haze, crossbeam, principal rafter			2						1						1		1	1	1	1			1	1	1	11	roof, beam, haze, crossbeam, principal rafter
crane			2				1				1			1	1		1			1			1	1	10	crane	
other metal manufacturing machines			7		5		1	4	3	1	2	3	1	2					1	3			1		34	other metal manufacturing machines	
harmful substance			2				1			1	1	2	2	1	2	2	1		2	1	1		1		20	harmful substance	
lumber, bamboo			3		1			3	1	2		2		2	2	1									17	lumber, bamboo	

other powered crane					1				1	1	2	1		1	1	1					2	1			12	other powered crane		
unclassifiable							1		2	1	1	1		2					1		2					11	unclassifiable	
grinding machine, buffing machine			2		2				1								2									8	grinding machine, buffing machine	
food manufacturing machine							1	2				1	1								1					7	food manufacturing machine	
other vehicles					2								1		1	1	1	1								7	other vehicles	
natural ground, rock			1				1		1	1	1													1			6	natural ground, rock
industrial robot									1				2	1							1						5	industrial robot
water								1					4														5	water
lathe									1								1				1						3	lathe
mixer, grinder			1								1													1			3	mixer, grinder
injection molding machine			1																			1	1				3	injection molding machine
railway equipment								1					1			1											3	railway equipment
stone, sand, substance								2	1																		3	stone, sand, substance
drill press, milling machine			1							1																	2	drill press, milling machine
centrifugal machine									1																1		2	centrifugal machine
kiln, caldron			1																						1		2	kiln, caldron
other electrical equipment			1									1															2	other electrical equipment



<b>hollow chisel mortiser, wood borer</b>																							<b>hollow chisel mortiser, wood borer</b>	
<b>chamfering machine, router, woodworking milling machine</b>																								<b>chamfering machine, router, woodworking milling machine</b>
<b>leveling, transporting or loading machine</b>																								<b>leveling, transporting or loading machine</b>
<b>excavating machine</b>																								<b>excavating machine</b>
<b>foundation work machine</b>																								<b>foundation work machine</b>
<b>hardening machine</b>																								<b>hardening machine</b>
<b>demolition machine</b>																								<b>demolition machine</b>
<b>vehicle for high lift work</b>																								<b>vehicle for high lift work</b>
<b>other construction machines</b>																								<b>other construction machines</b>
<b>forging pressure hammer</b>																								<b>forging pressure hammer</b>
<b>mobile logging machine</b>																								<b>mobile logging machine</b>
<b>skyline yarding machine</b>																								<b>skyline yarding machine</b>

other mobile silviculture machine																										other mobile silviculture machine
derrick crane																										derrick crane
cargo lifting appliance																										cargo lifting appliance
gondola																										gondola
lumberyard equipment, logging cableway																										lumberyard equipment, logging cableway
simple skyline yarding equipment																										simple skyline yarding equipment
loader																										loader
straddle carrier																										straddle carrier
rough terrain hauler																										rough terrain hauler
railway vehicle																										railway vehicle
boiler																										boiler
pressure vessel																										pressure vessel
chemical facilities																										chemical facilities
other welding equipment																										other welding equipment
timbering																										timbering
explosive substance																										explosive substance
radiation																										radiation
total	820	821	765	735	640	666	593	600	579	550	565	485	466	433	418	426	368	368	360	381	363	374	370	375	12,521	total





March	85	75	54	63	55	62	46	46	60	46	48	50	57	46	32	50	35	19	36	42	36	35	36	40	1,154	March
June	70	67	70	63	67	62	57	56	39	56	51	39	36	38	41	36	33	29	38	25	33	38	28	38	1,110	June
April	68	62	74	61	61	53	52	48	58	62	45	44	40	36	25	39	36	26	30	28	31	26	34	34	1,073	April
January	68	52	50	55	48	48	49	45	42	40	46	37	41	32	30	29	35	33	28	35	27	32	37	34	973	January
October	83	78	61	76	43	63	60	51	46	48	58	37	30	34	60	39	27	33	30	26	35	33	27	33	1,111	October
July	55	73	68	73	68	59	47	54	62	53	59	37	41	36	45	35	24	36	39	27	30	24	26	32	1,103	July
August	64	86	69	61	44	52	56	53	38	44	44	40	35	38	28	23	25	31	24	39	29	40	40	31	1,034	August
February	68	83	57	61	62	50	48	47	45	34	42	49	31	35	39	27	34	39	30	35	30	24	32	31	1,033	February
May	63	63	65	74	53	55	42	59	51	43	40	39	40	32	30	36	28	31	18	31	33	30	23	30	1,009	May
December	58	57	61	44	48	49	45	46	36	43	46	23	34	38	24	36	23	36	27	30	21	42	29	25	921	December
November	68	66	72	49	35	53	43	45	53	40	45	43	39	34	35	38	30	32	28	34	32	29	24	24	991	November
September	70	59	64	55	56	60	48	50	49	41	41	47	42	34	29	38	38	23	32	29	26	21	34	23	1,009	September
total	820	821	765	735	640	666	593	600	579	550	565	485	466	433	418	426	368	368	360	381	363	374	370	375	12,521	total

Transition of prefectures of fatal and non-fatal accidents in 010701 printing 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	138	118	105		96		70	79	72	59	54	53	58	39	48	46	28	39	35	29	39	39	31	44	1,319	Tokyo
Saitama	82	73	72		69		66	54	73	58	69	57	42	56	40	41	44	42	40	47	33	37	42	41	1,178	Saitama
Osaka	109	106	108		91		75	81	73	76	67	72	53	52	41	45	31	35	50	45	42	45	44	39	1,380	Osaka
Aichi	46	59	45		42		40	40	30	28	31	26	30	30	30	33	16	19	17	20	29	23	21	22	677	Aichi
Fukuoka	34	36	34		22		32	30	29	23	34	25	29	21	20	17	24	21	14	19	19	25	11	18	537	Fukuoka
Nara	6	7	9		5		5	13	7	10	8	8	6	11	4	11	12	4	2	4	5	9	9	16	171	Nara
Chiba	30	24	20		25		23	18	16	14	18	9	17	18	17	18	7	14	12	16	14	11	10	14	365	Chiba
Ibaraki	16	21	14		17		18	13	11	10	15	9	9	15	9	11	6	14	5	12	9	14	10	14	272	Ibaraki

Shizuoka	28	29	26		16		15	26	24	19	14	17	22	18	14	17	18	11	10	13	14	9	12	13	385	Shizuoka
Hyogo	22	24	33		25		17	31	23	25	14	18	12	6	11	9	13	14	20	10	13	12	16	12	380	Hyogo
Kanagawa	28	32	22		23		16	22	12	18	17	15	14	14	14	12	10	9	8	7	14	4	21	11	343	Kanagawa
Okayama	6	8	6		7		11	7	5	15	8	3	3	2	5	11	7	7	5	7	3	4	4	10	144	Okayama
Hokkaido	24	29	22		11		15	8	12	19	10	10	11	10	12	7	13	6	9	10	12	7	6	9	272	Hokkaido
Kyoto	19	22	26		11		21	25	27	19	18	10	20	16	13	25	18	14	17	9	12	10	18	8	378	Kyoto
Kumamoto	9	10	12		6		4	3	3	2	8	4	10	6	5	2	6	2	2	4	4	3	9	8	122	Kumamoto
Gifu	14	12	16		2		12	5	11	12	17	6	7	11	6	7	6	7	6	10	7	5	5	7	191	Gifu
Hiroshima	14	20	18		10		4	13	10	3	12	6	3	5	6	4	7	9	6	9	6	5	6	7	183	Hiroshima
Niigata	16	14	20		9		13	12	8	11	8	11	10	6	11	8	8	6	8	12	7	5	10	6	219	Niigata
Gunma	9	9	13		8		8	3	10	7	5	6	9	5	4	6	3	8	3	5	2	8	6	6	143	Gunma
Shiga	13	7	7		3		6	8	5	7	17	10	7	9	6	6	12	10	8	17	2	10	5	5	180	Shiga
Mie	6	10	11		8		8	2	5	9	9	7	3	6	7	4	6	3	8	2	10	6	3	5	138	Mie
Ishikawa	3	11	7		4		6	6	7	5	12	5	5	7	5	8	6	5	6	8	5	5	5	5	136	Ishikawa
Nagano	14	13	8		6		5	4	3	10	3	5	8	7	7	4	6	6	8	4	6		3	5	135	Nagano
Ehime	11	7	7		9		6	5	9	2	5	3	9	4	4	4	2	3	3	4	3	6	4	5	115	Ehime
Yamagata	5	8	8		4		4	5	1	5	4	6	1	3	5	3	3	2	1	4	3	4	2	4	85	Yamagata
Iwate	7	8	7		2		3	4	3	3	5	4	6	1	5	1	2		1	3	6	3	3	4	81	Iwate
Akita	3	1	2		2		4	4	2	3	2	2	3			3	1	3	1	1	3		1	4	45	Akita
Kagawa	16	20	10		6		10	22	8	12	13	9	6	9	7	12	11	8	7	8	5	8	8	3	218	Kagawa
Tokushima	2	8			4		7	1	2	4	6	3	3	2	2	2	1	2	3		3	4	2	3	64	Tokushima
Fukui	3	3	3		4		2	5	3	4	4	3	2	2	2	4	1	4	1	4	2	2	2	3	63	Fukui
Kochi	6	2	4		3		3	2	4	2	2	2	2	1	4	3	1		1	1	3	1		3	50	Kochi
Saga	3	3	1		2		4		1	1		1	2	1	3	3	3	1	1	2	1	5	2	3	43	Saga

Toyama	12	9	5		16		6	3	3	4	4	4	5	3	3	5	2	4	1	7	2	8	5	2	113	Toyama
Okinawa	5	2	5		9		4	1	7	2		5	2	1	4	1	3	1	1	1		1		2	57	Okinawa
Aomori	3	2	6		3		3	3	3	3	4	2	4	2	5		1				2	2	3	2	53	Aomori
Kagoshima	4	5	4				2	1	2	5	3	1		2	3	1	2	2		4	2	2	1	2	48	Kagoshima
Yamanashi	1	2			2		2	2	3	2	3	2	1	3	3	1	1	1	1	2	3	1	4	2	42	Yamanashi
Tottori	4	3			2		2	2	3		2	3	1	1			1	1			2			2	29	Tottori
Miyagi	10	6	9		13		6	8	12	8	9	11	5	4	9	9	3	4	15	6	3	7	8	1	166	Miyagi
Fukushima	7	7	11		10		15	6	10	11	11	7	6	2	7	6	5	2	7	1	3	8	6	1	149	Fukushima
Tochigi	13	8	5		8		4	4	8	5	5	5	4	8	3	4	5	3	3	5	3	4	2	1	110	Tochigi
Yamaguchi	4	7	6		6		3	4	5	2		6	3	2	2	1	7	7	3	2	1	1	4	1	77	Yamaguchi
Nagasaki	5	3	6		5		3	9	1		3	1	1	4	2	6		3	5		3	1	3	1	65	Nagasaki
Shimane	1	3	3						2	1	2	2	1		2		1			1	2			1	22	Shimane
Wakayama	2	3	2		5		5	1	5	8	3	3	5	3	2	1	2	5		2	1	2	2		62	Wakayama
Oita	4	4	5		3		4	5	3	3	3	4	2	2	2	3	1	2	4	3		2			59	Oita
Miyazaki	3	3	2		6		1		3	1	4	4	4	3	4	1	2	5	2	1		6	1		56	Miyazaki
total	820	821	765	735	640	666	593	600	579	550	565	485	466	433	418	426	368	368	360	381	363	374	370	375	12,521	total

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

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