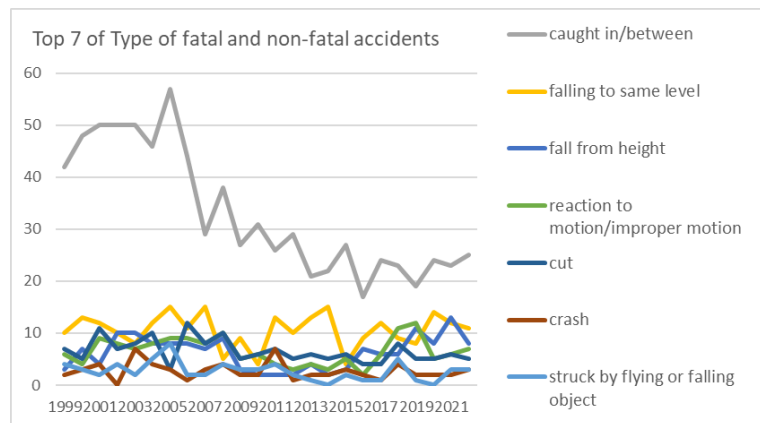
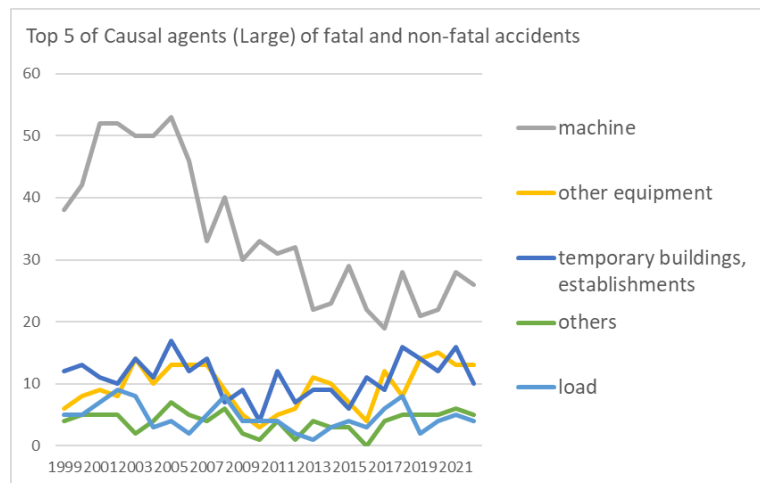


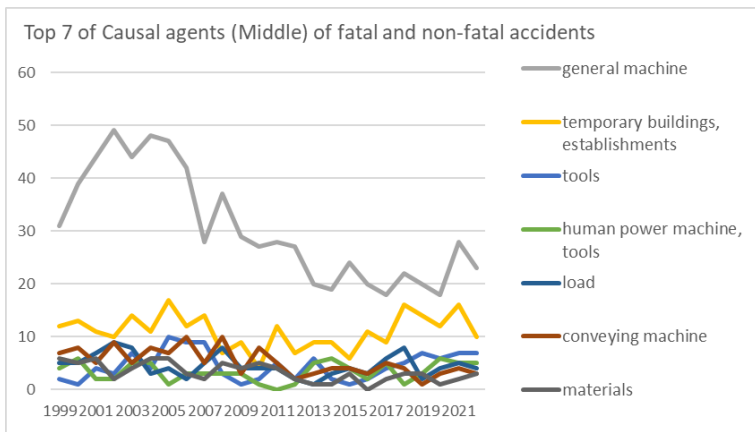
Transition of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



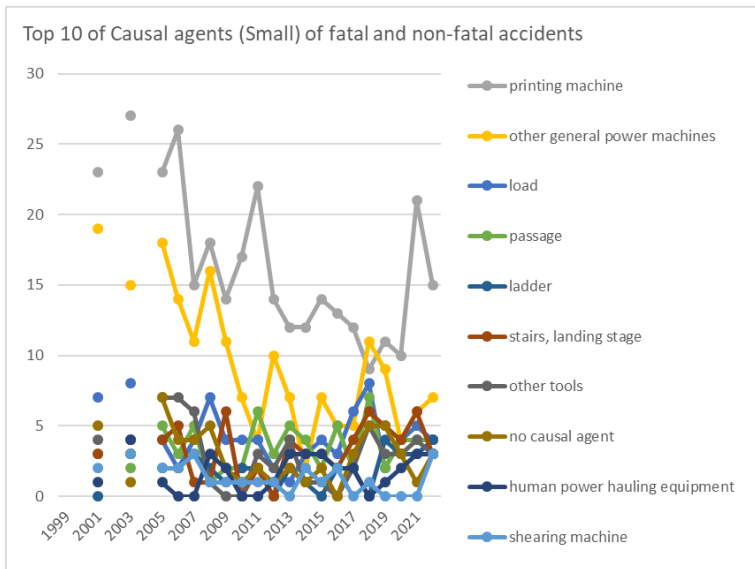
Transition of Top 7 of Type of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



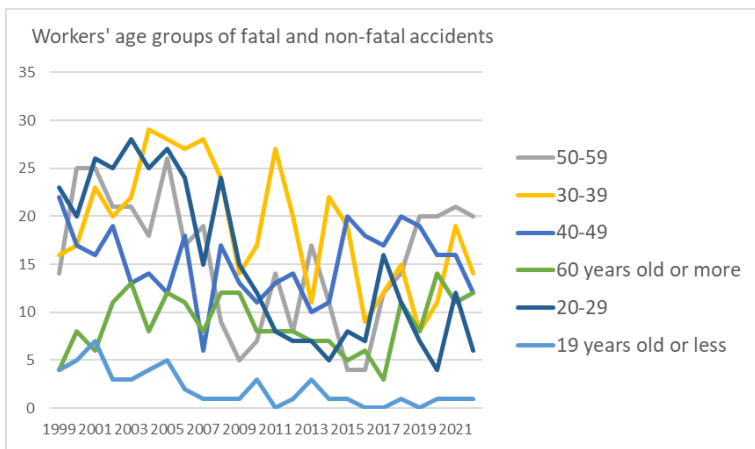
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



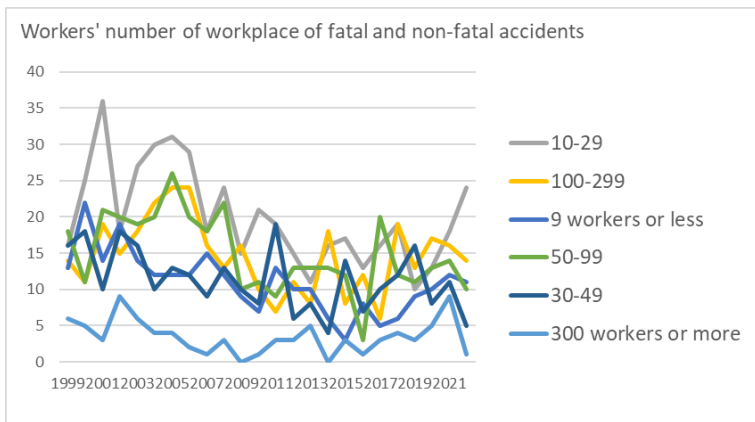
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



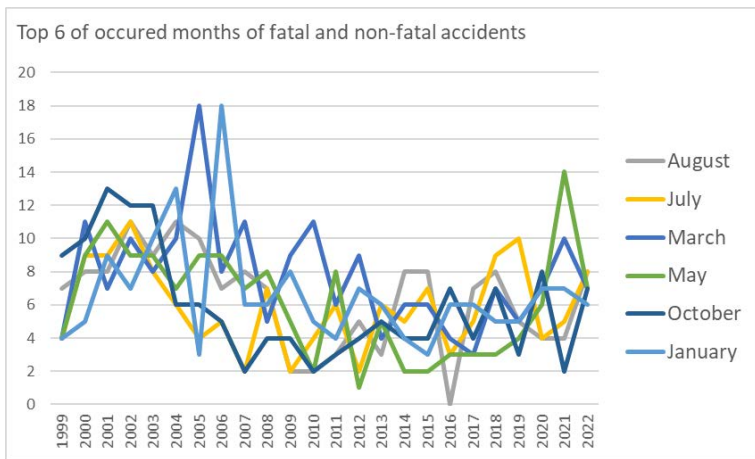
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



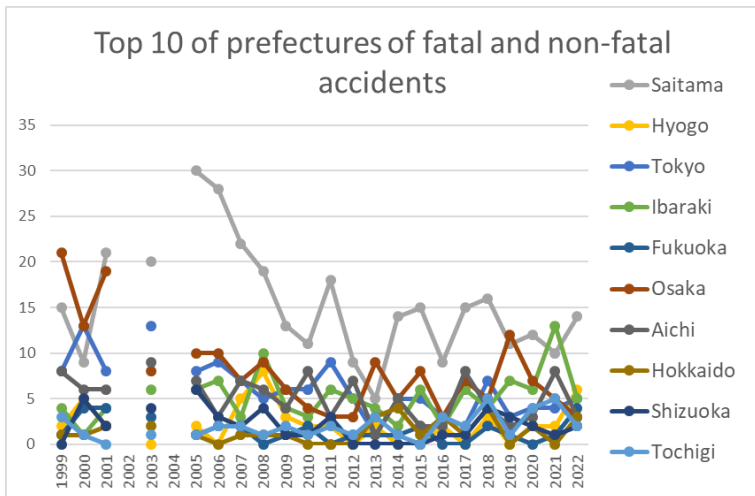
Transition of workers' age groups of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010709 other printing and bookbinding in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010709 other printing and bookbinding 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	42	48	50	50	50	46	57	44	29	38	27	31	26	29	21	22	27	17	24	23	19	24	23	25	792	caught in/between
falling to same level	10	13	12	10	8	12	15	11	15	5	9	4	13	10	13	15	4	9	12	9	8	14	12	11	254	falling to same level

explosion																										explosion
burst																										burst
fire																										fire
traffic accident (others)																										traffic accident (others)
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010709 other printing and bookbinding 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	38	42	52	52	50	50	53	46	33	40	30	33	31	32	22	23	29	22	19	28	21	22	28	26	822	machine
other equipment	6	8	9	8	14	10	13	13	13	9	5	3	5	6	11	10	7	4	12	8	14	15	13	13	229	other equipment
temporary buildings, establishments	12	13	11	10	14	11	17	12	14	7	9	4	12	7	9	9	6	11	9	16	14	12	16	10	265	temporary buildings, establishments
others	4	5	5	5	2	4	7	5	4	6	2	1	4	1	4	3	3		4	5	5	5	6	5	95	others
load	5	5	7	9	8	3	4	2	5	8	4	4	4	2	1	3	4	3	6	8	2	4	5	4	110	load
crane, conveying machine	9	14	12	11	8	13	10	18	6	11	6	8	8	5	6	7	4	4	6	4	2	4	8	3	187	crane, conveying machine
substance, material	9	5	6	3	4	6	6	3	2	5	4	5	6	3	1	1	4		3	3	3	2	3	3	90	substance, material
environment			1	1		1				1				2	1	1			1		1	2	1	1	14	environment
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total

other causal agent		2			1					1			2		2	1	1		1			2	5	1	19	agent
natural environment			1	1		1				1				2	1	1			1		1	2	1	1	14	natural environment
unclassifiable	2			1		1		1								1								1	7	unclassifiable
vehicle	2	5	6	2	2	3	3	8	1	1	3		3	3	3	3		1	1		1	1	4		56	vehicle
power transmission mechanism	3	1	3	1			1			1		4		3	1		1			1	1	1			22	power transmission mechanism
hazards, harmful substances	3			1									2	1			1		1			1	1		11	hazards, harmful substances
woodworking machine			2			1				1				1		1				1		1			8	woodworking machine
crane		1	1		1	2																			5	crane
electric equipment				1		1												1							3	electric equipment
kiln, caldron					1																1				2	kiln, caldron
construction machine																									1	construction machine
welding equipment			1																						1	welding equipment
engine																										engine
mobile silviculture machine																										mobile silviculture machine

pressure vessel																													pressure vessel
chemical facilities																													chemical facilities
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total			

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010709 other printing and bookbinding 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			23		27		23	26	15	18	14	17	22	14	12	12	14	13	12	9	11	10	21	15	328	printing machine	
other general power machines			19		15		18	14	11	16	11	7	4	10	7	2	7	5	5	11	9	4	6	7	188	other general power machines	
load			7		8		4	2	4	7	4	4	4	2	1	3	4	3	6	8	2	4	5	4	86	load	
passage			3		2		5	3	5	1	2	2	6	3	5	4	2	5	2	7	2	4	4	4	71	passage	
ladder					4		2	2	3	2	1	2	2		2	1		2	2		4	3	3	4	39	ladder	
stairs, landing stage			3		3		4	5	1	1	6		2		4	3	3	2	4	6	5	4	6	3	65	stairs, landing stage	
other tools			4		3		7	7	6	1			3	2	4	1	1		2	5	3	3	4	3	59	other tools	
no causal agent			5		1		7	4	4	5	2	1	2	1	2	1	2		3	5	5	3	1	3	57	no causal agent	
human power hauling equipment			1		4		1			3	2			1	3	3	3	2	2		1	2	3	3	34	human power hauling equipment	
shearing machine			2		3		2	2	3	1	1	1	1	1		2	1	2		1				3	26	shearing machine	
forklift			4		2		5	4	3	5	1	5	3		2		3	1	3	3	1	2	4	2	53	forklift	
metal material			1		2		2	2		3	2	1	1	1		1	2		1	1	2	1		2	25	metal material	
working platform, boot board			1				2	3	3	2	1		1	1		1		2	1	2	1		1	2	24	working platform, boot board	
roll machine (except																											roll machine (except

printingroll machine)			2		1		5	1	2	3	3	3	2	1	1	5	3	2	1	1		3	1	1	41	printingroll machine)
other materials			4		2		4	1	2	1	2	3	2	1	1		1		1	2	1		2	1	31	other materials
other equipment, facilities			2		1		1	1	1	3	1			3		2	2		2	2	4	2	1	1	29	other equipment, facilities
building, establishment			1		6		3	1	1	2		1	3			1		2			2	2	3	1	29	building, establishment
hand tool			1		1			3	3		1	1			2	2	1		2	1	1	4		1	24	hand tool
truck			1				1	2		3	2	1		1		1	1	2				1		1	17	truck
other causal agent					1					1			2		2	1	1		1			2	5	1	17	other causal agent
high/cold temperature environment														1							1	1		1	4	high/cold temperature environment
human power machine															1				1					1	3	human power machine
unclassifiable								1								1								1	3	unclassifiable
cars, bus, motorcycle			6		2		2	7	1	1	3		3	3	3	3		1	1		1	1	4		42	cars, bus, motorcycle
other temporary buildings, establishments			3		3		3		3			1		1		1		1	1	1	3	1	1		22	other temporary buildings, establishments
power transmission mechanism			3				1		1			4		3	1		1			1	1	1			17	power transmission mechanism
conveyor					3		1	2	1	2			1	1		3			2	1					17	conveyor
power press					1		1	2	1			1	1			2		1			1				11	power press

other environments			1						1				1	1	1				1			1	1		8	other environments
other powered conveying machines								2	1			2	1												7	other powered conveying machines
other metal manufacturing machines					1			1																	6	other metal manufacturing machines
mixer, grinder					1			1					2												5	mixer, grinder
circular sawing machine													1												4	circular sawing machine
grinding machine, buffing machine					1																				4	grinding machine, buffing machine
lathe			1					1																	3	lathe
injection molding machine																									3	injection molding machine
human power cranes																									3	human power cranes
opening																									3	opening
roof, beam, haze, crossbeam, principal rafter																									3	roof, beam, haze, crossbeam, principal rafter
other hazards, harmful substances																									3	other hazards, harmful substances
lumber, bamboo			1																						3	lumber, bamboo
other woodworking machines			2																						2	other woodworking machines

total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total
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Transition of workers' age groups of fatal and non-fatal accidents in 010709 other printing and bookbinding 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	14	25	25	21	21	18	26	17	19	9	5	7	14	8	17	11	4	4	12	14	20	20	21	20	372	50-59
30-39	16	17	23	20	22	29	28	27	28	24	14	17	27	20	11	22	19	9	12	15	8	11	19	14	452	30-39
40-49	22	17	16	19	13	14	12	18	6	17	13	11	13	14	10	11	20	18	17	20	19	16	16	12	364	40-49
60 years old or more	4	8	6	11	13	8	12	11	8	12	12	8	8	8	7	7	5	6	3	11	8	14	11	12	213	60 years old or more
20-29	23	20	26	25	28	25	27	24	15	24	15	12	8	7	7	5	8	7	16	11	7	4	12	6	362	20-29
19 years old or less	4	5	7	3	3	4	5	2	1	1	1	3		1	3	1	1			1		1	1	1	49	19 years old or less
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010709 other printing and bookbinding 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	16	25	36	18	27	30	31	29	18	24	15	21	19	15	11	16	17	13	16	19	10	13	18	24	481	10-29
100-299	14	11	19	15	18	22	24	24	16	13	16	10	7	11	8	18	8	12	6	19	13	17	16	14	351	100-299
9 workers or less	13	22	14	19	14	12	12	12	15	12	9	7	13	10	10	6	3	8	5	6	9	10	12	11	264	9 workers or less
50-99	18	11	21	20	19	20	26	20	18	22	10	11	9	13	13	13	12	3	20	12	11	13	14	10	359	50-99
30-49	16	18	10	18	16	10	13	12	9	13	10	8	19	6	8	4	14	7	10	12	16	8	11	5	273	30-49
300 workers or more	6	5	3	9	6	4	4	2	1	3		1	3	3	5		3	1	3	4	3	5	9	1	84	300 workers or more
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total

Transition of occurred months of fatal and non-fatal accidents in 010709 other printing and bookbinding 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
August	7	8	8	11	9	11	10	7	8	7	2	2	3	5	3	8	8		7	8	5	4	4	8	153	August
July	4	9	9	11	8	6	4	5	2	7	2	4	6	2	6	5	7	3	5	9	10	4	5	8	141	July
March	4	11	7	10	8	10	18	8	11	5	9	11	6	9	4	6	6	4	3	7	5	7	10	7	186	March
May	4	9	11	9	9	7	9	9	7	8	5	2	8	1	5	2	2	3	3	3	4	6	14	7	147	May
October	9	10	13	12	12	6	6	5	2	4	4	2	3	4	5	4	4	7	4	7	3	8	2	7	143	October
January	4	5	9	7	10	13	3	18	6	6	8	5	4	7	6	4	3	6	6	5	5	7	7	6	160	January
June	12	9	9	6	8	5	11	9	3	11	2	5	3	7	6	2	5	4	3	2	4	2	7	6	141	June
April	5	6	8	4	8	6	13	11	16	3	10	2	4	6	4	5	3	3	8	6	5	9	5	5	155	April
November	10	8	7	9	9	8	11	4	5	8	3	8	8	2	2	6	3	5	5	9	2	2	6	4	144	November
December	8	7	6	8	10	9	4	11	5	7	4	8	11	4	5	6	4	2	5	4	2	3	2	4	139	December
September	9	2	12	2	6	11	8	5	3	8	7	6	8	3	8	4	7	2	6	7	11	9	6	3	153	September
February	7	8	4	10	3	6	13	7	9	13	4	3	6	8	1	5	5	5	5	5	6	5	12		150	February
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total

Transition of prefectures of fatal and non-fatal accidents in 010709 other printing and bookbinding 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
Saitama	15	9	21		20		30	28	22	19	13	11	18	9	5	14	15	9	15	16	11	12	10	14	336	Saitama
Hyogo	2	5	2				2		5	8	3	2	2		2			2		3		2	2	6	48	Hyogo
Tokyo	8	13	8		13		8	9	7	5	6	6	9	5	1	5	5	3	2	7	3	4	4	5	136	Tokyo
Ibaraki	4	1	4		6		6	7	3	10	4	3	6	5	4	2	6	2	6	4	7	6	13	5	114	Ibaraki
Fukuoka	1	4	4		3		1	2	2		1	2		1	1	1	2			2	1		1	4	33	Fukuoka
Osaka	21	13	19		8		10	10	7	9	6	4	3	3	9	5	8	3	7	5	12	7	5	3	177	Osaka

Aichi	8	6	6		9		7	3	7	6	4	8	3	7	1	5	2	2	8	4	2	3	8	3	112	Aichi
Hokkaido	1	1	2		2		1		1	1	1				3	4	1	3	1	4		2		3	31	Hokkaido
Shizuoka		5	2		4		6	3	2	4	1	1	3				1	1	4	3	2	1	2	45	Shizuoka	
Tochigi	3	1			1		1	2	2	1	2	1	2	1	3	1		3	2	5	1	4	5	2	43	Tochigi
Kyoto	2	2	2		3		2	5	2		3	1		2	1	2			1	1	1	1		2	33	Kyoto
Kagawa	1		1				2	1		1	3			2		1	1	1	3	1	1	1	1	2	23	Kagawa
Nagano	1	1			1		1		3					3	3	2	1	1			2	1		2	22	Nagano
Fukushima	1	4	1					1							1		1	2		2		1	3	2	19	Fukushima
Gifu	1	5	5		2		8	4	2	3	3	4	4	4	9	3		2	3	6	1	2	2	1	74	Gifu
Chiba	1	1	3		4		2	2		3	1	1	3			2				1	2	4	3	1	34	Chiba
Okayama	2	1			4		1	2					3		1	2	3		2	1	2	2	3	1	30	Okayama
Shiga	2	1	2		1		1	1					1	1		1	1		1		1	1	1	1	17	Shiga
Nara		1					1	5	1	1	2	1		1		1	1		1					1	17	Nara
Ishikawa			1				1			2						1	1	1	1		2	2		1	13	Ishikawa
Mie		1			3						2											1	1	1	9	Mie
Kagoshima					1								1		1								3	1	7	Kagoshima
Fukui								1			1						2						1	1	6	Fukui
Ehime		1	1					1		1													1	1	6	Ehime
Kanagawa		3	2		1		3	1	4			2	1	3	2	2	1	2			2	1	1		31	Kanagawa
Hiroshima	2	3	2				4		3	2		3	1	1	1	1	1	1	2	1		1			30	Hiroshima
Gunma	2		2		1		1	1				1	2		4	1	1	1	2		1	1	2		23	Gunma
Niigata		2	6		3			1	1	2			1				1								17	Niigata
Kochi		1			1		2	1	2	1	1	2		1	1	1				2	1				17	Kochi

Shimane	2		1		5		2	2		1	1		1												15	Shimane
Miyagi		2									1		1	1			1	1		1	2	1			11	Miyagi
Tokushima		1	2				1			1		1	1			1	1						2		11	Tokushima
Toyama		2					2	1		2			1			1	1								10	Toyama
Kumamoto								2			1	1			1						2	2			10	Kumamoto
Iwate	1		1				1			2			2					1				1			9	Iwate
Yamagata	1						1		1	1	1			2									1		8	Yamagata
Aomori		1	1		1												1		1				1		6	Aomori
Saga							2							1					1	1					5	Saga
Akita												2		1								1			4	Akita
Nagasaki	1							2					1												4	Nagasaki
Oita					1									1								1	1		4	Oita
Miyazaki										1		1	1								1				4	Miyazaki
Yamanashi													1				1						1		3	Yamanashi
Wakayama		1												1									1		3	Wakayama
Yamaguchi			1		2																				3	Yamaguchi
Tottori								1																	1	Tottori
Okinawa			1																						1	Okinawa
total	83	92	103	99	100	98	110	99	77	87	60	58	70	58	55	57	57	44	60	72	62	66	80	65	1,812	total

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