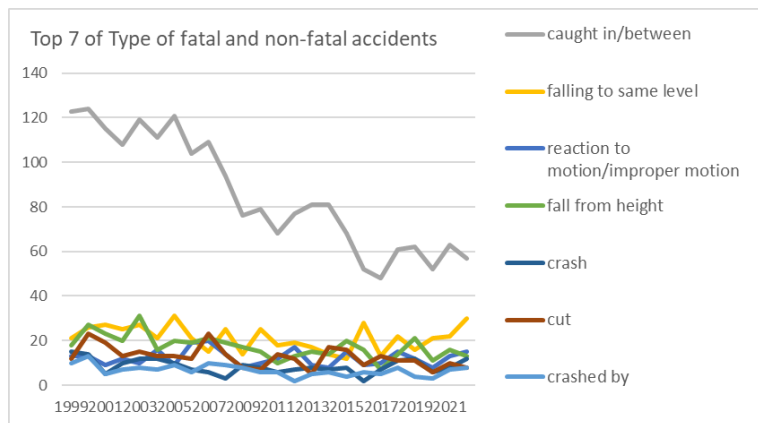
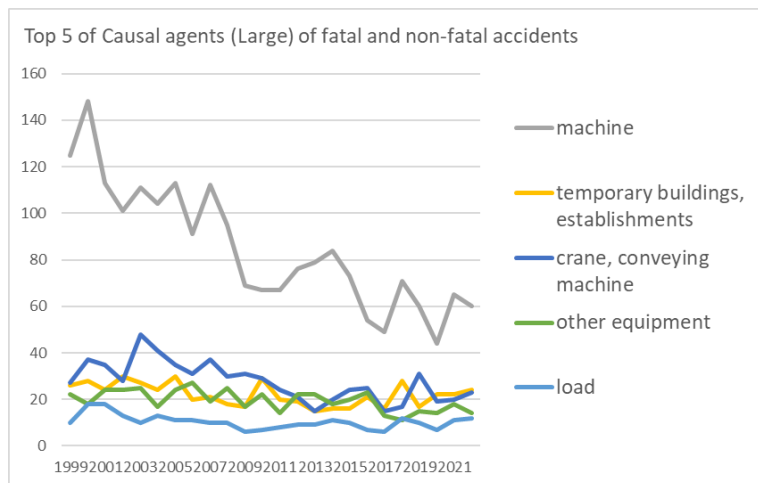


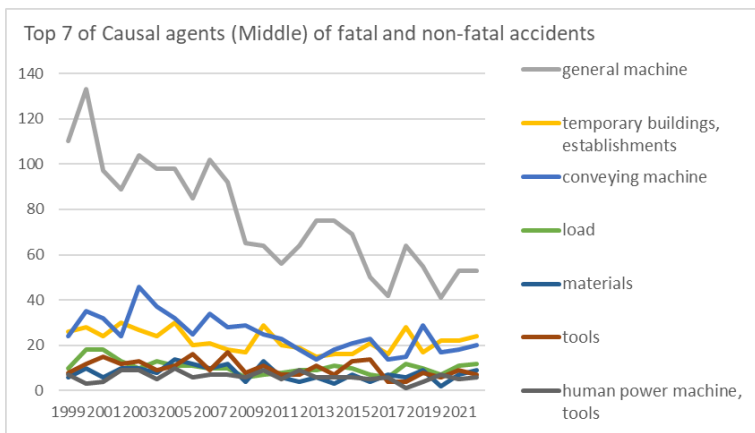
Transition of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



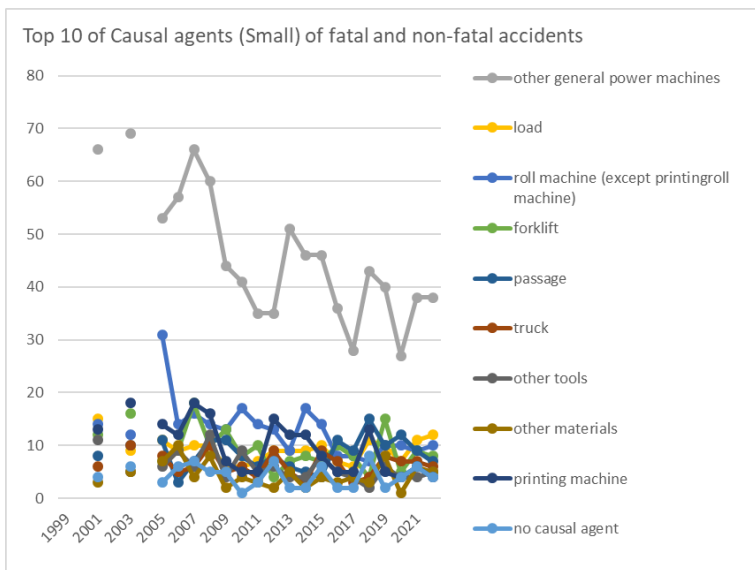
Transition of Top 7 of Type of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



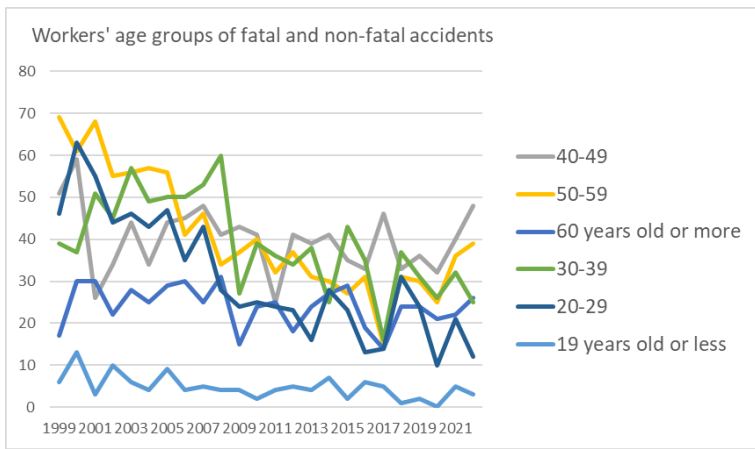
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



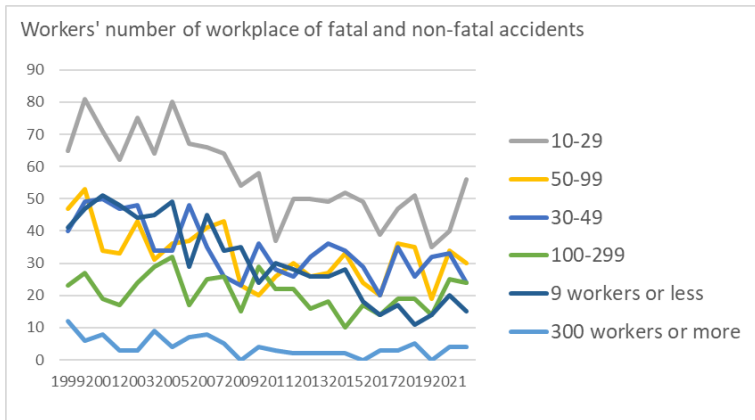
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



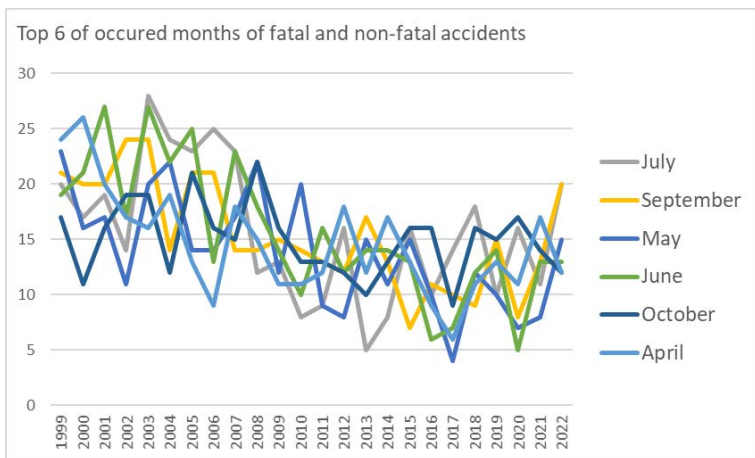
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



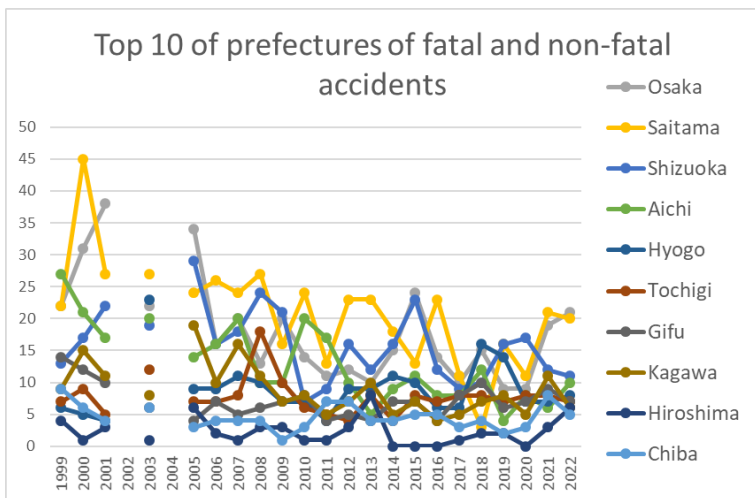
Transition of workers' age groups of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010609 other pulp/paper processing products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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	123	124	115	108	119	111	121	104	109	94	76	79	68	77	81	81	68	52	48	61	62	52	63	57	2,053	caught in/between
falling to same level	21	26	27	25	27	21	31	21	15	25	14	25	18	19	17	14	12	28	13	22	16	21	22	30	510	falling to same level

drown													2													2	drown
burst								1																		1	burst
traffic accident (others)														1												1	traffic accident (others)
explosion																											explosion
total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total	

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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	125	148	113	101	111	104	113	91	112	95	69	67	67	76	79	84	73	54	49	71	60	44	65	60	2,031	machine
temporary buildings, establishments	26	28	24	30	27	24	30	20	21	18	17	29	20	19	15	16	16	21	16	28	17	22	22	24	530	temporary buildings, establishments
crane, conveying machine	27	37	35	28	48	41	35	31	37	30	31	29	24	21	15	20	24	25	15	17	31	19	20	23	663	crane, conveying machine
other equipment	22	18	24	24	25	17	24	27	19	25	17	22	14	22	22	18	20	23	13	11	15	14	18	14	468	other equipment
load	10	18	18	13	10	13	11	11	10	10	6	7	8	9	9	11	10	7	6	12	10	7	11	12	249	load
substance, material	8	11	9	11	10	8	14	14	10	14	4	14	6	4	6	3	7	4	8	6	10	2	8	10	201	substance, material
others	8	3	7	3	6	4	7	7	9	6	6	1	4	7	3	3	6	2	3	9	2	4	9	6	125	others
environment	2		3			1	1	4	2			2	3		3	3	3	1		3	2	2	3	4	42	environment
total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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
general machine	110	133	97	89	104	98	98	85	102	92	65	64	56	64	75	75	69	50	42	64	55	41	53	53	1,834	general machine
temporary buildings, establishments	26	28	24	30	27	24	30	20	21	18	17	29	20	19	15	16	16	21	16	28	17	22	22	24	530	temporary buildings, establishments
conveying machine	24	35	32	24	46	37	32	25	34	28	29	25	23	18	14	18	21	23	14	15	29	17	18	20	601	conveying machine
load	10	18	18	13	10	13	11	11	10	10	6	7	8	9	9	11	10	7	6	12	10	7	11	12	249	load
materials	6	10	6	10	10	8	14	12	10	12	4	13	6	4	6	3	7	4	7	6	9	2	7	9	185	materials
tools	8	12	15	12	13	9	11	16	9	17	8	11	7	7	11	7	13	14	4	4	8	6	9	7	238	tools
human power machine, tools	7	3	4	9	9	5	10	6	7	7	6	9	5	9	6	6	6	5	6	1	4	7	5	6	148	human power machine, tools
no causal agent	5	2	4	2	6	3	3	6	7	5	5	1	3	7	2	2	6	2	2	8	2	4	6	4	97	no causal agent
natural environment	2		3			1	1	4	2			2	3		3	3	3	1		3	2	2	3	4	42	natural environment
metal manufacturing machine	9	6	7	4	5	2	2	1	1	1		2	3	4	1	3		1	2	3	2		1	3	63	metal manufacturing machine
woodworking machine	4	2	3	1	2	1	3		3	1	2		2	3	1	3	2		1	2	1		5	3	45	woodworking machine

roof, beam, haze, crossbeam, principal rafter							1	1	1	1													5	roof, beam, haze, crossbeam, principal rafter	
harmful substance			2					1																5	harmful substance
human power cranes																								4	human power cranes
other hazards, harmful substances																								4	other hazards, harmful substances
water																								4	water
food manufacturing machine																								3	food manufacturing machine
stone, sand, substance																								3	stone, sand, substance
excavating machine																								2	excavating machine
lathe																								2	lathe
centrifugal machine																								2	centrifugal machine
mobile crane																								2	mobile crane
other powered crane																								2	other powered crane
loader																								2	loader
electric power facilities																								2	electric power facilities
other electrical equipment																								2	other electrical equipment

total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total
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Transition of workers' age groups of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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
40-49	51	59	26	34	44	34	44	45	48	41	43	41	25	41	39	41	35	33	46	33	36	32	40	48	959	40-49
50-59	69	61	68	55	56	57	56	41	46	34	37	40	32	37	31	30	27	31	15	31	30	25	36	39	984	50-59
60 years old or more	17	30	30	22	28	25	29	30	25	31	15	24	25	18	24	27	29	19	14	24	24	21	22	26	579	60 years old or more
30-39	39	37	51	45	57	49	50	50	53	60	27	39	36	34	38	25	43	35	16	37	31	26	32	25	935	30-39
20-29	46	63	55	44	46	43	47	35	43	28	24	25	24	23	16	28	23	13	14	31	24	10	21	12	738	20-29
19 years old or less	6	13	3	10	6	4	9	4	5	4	4	2	4	5	4	7	2	6	5	1	2		5	3	114	19 years old or less
total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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	65	81	71	62	75	64	80	67	66	64	54	58	37	50	50	49	52	49	39	47	51	35	40	56	1,362	10-29
50-99	47	53	34	33	43	31	36	37	41	43	23	20	26	30	26	27	33	24	20	36	35	19	34	30	781	50-99
30-49	40	49	50	47	48	34	34	48	35	26	23	36	28	26	32	36	34	29	20	35	26	32	33	24	825	30-49
100-299	23	27	19	17	24	29	32	17	25	26	15	29	22	22	16	18	10	17	14	19	19	14	25	24	503	100-299
9 workers or less	41	47	51	48	44	45	49	29	45	34	35	24	30	28	26	26	28	18	14	17	11	14	20	15	739	9 workers or less
300 workers or more	12	6	8	3	3	9	4	7	8	5		4	3	2	2	2	2		3	3	5		4	4	99	300 workers or more
total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total

Transition of occurred months of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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
July	20	17	19	14	28	24	23	25	23	12	13	8	9	16	5	8	16	10	14	18	10	16	11	20	379	July
September	21	20	20	24	24	14	21	21	14	14	15	14	13	12	17	13	7	11	10	9	15	8	13	20	370	September
May	23	16	17	11	20	22	14	14	17	22	12	20	9	8	15	11	15	10	4	12	10	7	8	15	332	May
June	19	21	27	17	27	22	25	13	23	18	14	10	16	12	14	14	13	6	7	12	14	5	13	13	375	June
October	17	11	16	19	19	12	21	16	15	22	16	13	13	12	10	13	16	16	9	16	15	17	14	12	360	October
April	24	26	20	17	16	19	13	9	18	15	11	11	12	18	12	17	13	9	6	11	13	11	17	12	350	April
March	12	23	29	23	21	18	24	15	19	14	11	12	12	14	17	14	15	14	8	12	17	9	13	11	377	March
January	19	20	19	22	14	18	22	17	19	19	12	17	10	17	13	15	9	12	11	15	6	13	18	11	368	January
November	24	19	15	12	20	17	20	22	15	19	6	16	11	13	10	15	17	13	11	14	11	8	14	11	353	November
February	17	35	19	11	19	12	16	21	25	23	13	17	12	14	14	6	12	9	10	12	10	6	6	11	350	February
August	20	31	17	21	18	16	17	23	13	3	9	16	17	9	10	14	14	14	8	11	11	7	16	10	345	August
December	12	24	15	19	11	18	19	9	19	17	18	17	12	13	15	18	12	13	12	15	15	7	13	7	350	December
total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total

Transition of prefectures of fatal and non-fatal accidents in 010609 other pulp/paper processing products 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
Osaka	22	31	38		22		34	16	20	13	20	14	11	12	10	15	24	14	10	15	9	9	19	21	399	Osaka
Saitama	22	45	27		27		24	26	24	27	16	24	13	23	23	18	13	23	11	3	16	11	21	20	457	Saitama
Shizuoka	13	17	22		19		29	16	18	24	21	7	9	16	12	16	23	12	9	10	16	17	12	11	349	Shizuoka
Aichi	27	21	17		20		14	16	20	10	10	20	17	10	5	9	11	8	8	12	4	8	6	10	283	Aichi
Hyogo	6	5	4		23		9	9	11	10	7	7	4	9	9	11	10	6	6	16	14	7	7	8	198	Hyogo
Tochigi	7	9	5		12		7	7	8	18	10	6	5	4	8	4	8	7	8	8	7	8	8	7	171	Tochigi

Gifu	14	12	10		6		4	7	5	6	7	8	4	5	4	7	7	4	8	10	6	7	9	7	157	Gifu
Kagawa	9	15	11		8		19	10	16	11	7	8	5	7	10	5	7	4	5	7	8	5	11	6	194	Kagawa
Hiroshima	4	1	3		1		6	2	1	3	3	1	1	3	8				1	2	2		3	6	51	Hiroshima
Chiba	9	6	4		6		3	4	4	4	1	3	7	7	4	4	5	5	3	4	2	3	8	5	101	Chiba
Kyoto	3	1	3		3		3	1	1	5	2	3	6	2	1	5		1	1	2	1	1	4	5	54	Kyoto
Ibaraki	7	15	9		5		9	4	9	9	3	8	8	6	3	5	9	6	3	10	7	1	6	4	146	Ibaraki
Kanagawa	5	7	8		11		6	7	7	13	1	3	6	7	3	7	3	8	9	7	7	2	3	4	134	Kanagawa
Fukuoka	8	8	4		6		8	1	3	4	3	5	3	2	3	4	3	2		2	3	2	3	4	81	Fukuoka
Shiga		2	7		1		6	11	7	5	4	7	3	4	2	2		2		3	1	2	1	3	73	Shiga
Okayama	4	1			3		2		2	2	4	2	3	1	2	1	2	3	1	1	4	2	1	3	44	Okayama
Hokkaido	5	6	2		4		3	1	2			1	1	1	1		2	2	1	2	1	4	1	3	43	Hokkaido
Tokyo	9	10	6		9		8	16	11	5	8	6	5	5	5	4	4	3	3	3	5	4	6	2	137	Tokyo
Mie	1	1	4		3		3	3	9	2	1	2	2	1	8	2	2		2	4	6	1	3	2	62	Mie
Kochi	2				2		6	7	3	1	1	2	3	2	2	5	1	7	3	3		2	3	2	57	Kochi
Fukushima	2	5	2		2		3	6	6	2	1	3		2	2	2	1	1	2		1		1	2	46	Fukushima
Fukui	3	2	4		1		2	5	3	1		2	2	2	1	3	1	3	1	1	1			2	40	Fukui
Nara		1			4			3	4	2		4	2	1	3		3	2	2	1		3	1	2	38	Nara
Miyagi	1	4	3		3		1	5	4	2	1	2	2	1		1	1		1	1		1		2	36	Miyagi
Ehime		1			1		3	1		1		1			3	5	1	1	2	3	3	1	1	2	30	Ehime
Ishikawa	2	1	2		2						1	1	3		1	1	1			2				2	19	Ishikawa
Gunma	9	8	4		5		5	7	8		5	5	5	5	1	5	6	5	4	6	4	2	4	1	104	Gunma
Toyama	4	5	3		2		3	1	3	4	1	1	3	4	4		2	1	1		3	1	2	1	49	Toyama
Tokushima	2	3			6		1	2			2	1		2	1	4	1	2	1		5	2		1	36	Tokushima

Saga	1	1	2				1	3	1		2	2	5	3		1			1	1			1	1	26	Saga		
Iwate		2	1		1		1		1		1	3		1	2	3	1	1		1	2		2	1	24	Iwate		
Akita	1		1		1			1					1	1	1		1						1	1	10	Akita		
Kagoshima			1						1						2	1							1		1	7	Kagoshima	
Wakayama			2		2																			1		1	6	Wakayama
Niigata	6	3	6		3		3	2	2	5	1	3	3	2		1	1	1	3	5	5	4	5		64	Niigata		
Yamanashi	6	4	3		2		2		1	2	1	1	1	2		1		1								27	Yamanashi	
Nagano	3		5		1		1	1	2		2	1		2	1	1	1		1	1	1	1			25	Nagano		
Miyazaki		1	1		1		1			4	1	2	2	1	2	2	2			1						21	Miyazaki	
Kumamoto	2	1	1		1		2	1	2					1			1	1		4	1	1				19	Kumamoto	
Yamaguchi	1	2	1		4		1			1	1				1	1				1			1			15	Yamaguchi	
Oita	2	1	3		2		1	1					1	1						2						14	Oita	
Aomori	1				1					2	1	1		2	1	2				2							13	Aomori
Yamagata	2	3	1						1						2									1			10	Yamagata
Tottori	2	1	2				1													1							7	Tottori
Shimane	1	1	1																				1				4	Shimane
Nagasaki								1				1					1							1			4	Nagasaki
Okinawa					1			1																			2	Okinawa
total	228	263	233	210	237	212	235	205	220	198	150	171	146	158	152	158	159	137	110	157	147	114	156	153	4,309	total		

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