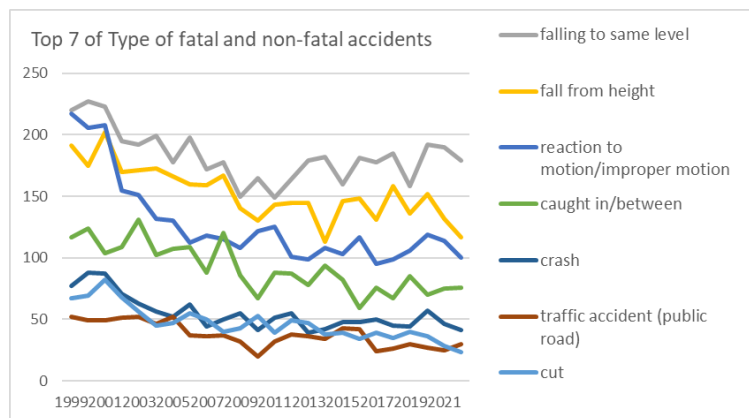
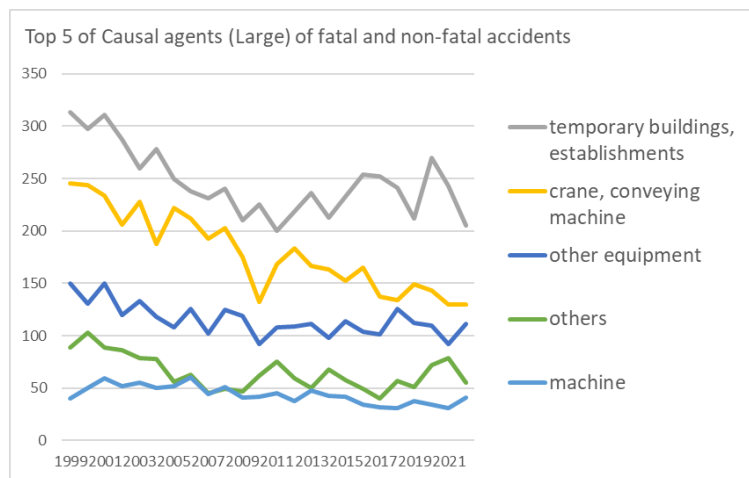


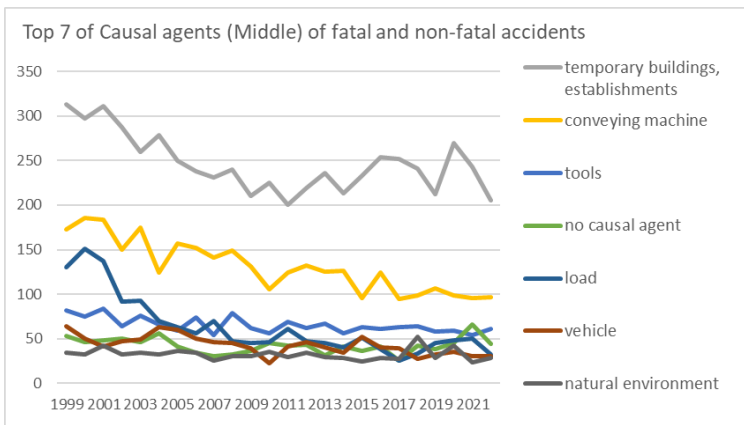
Transition of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



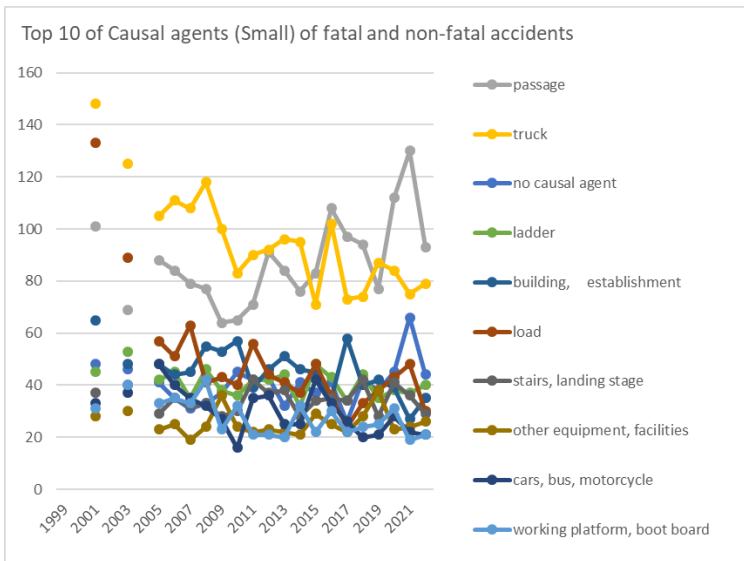
Transition of Top 7 of Type of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



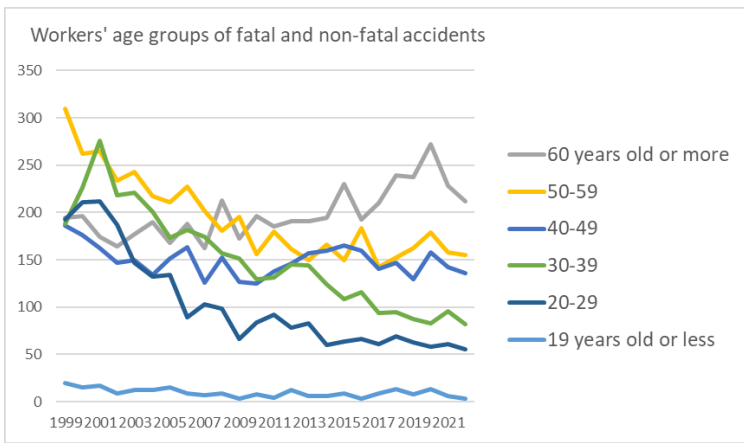
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



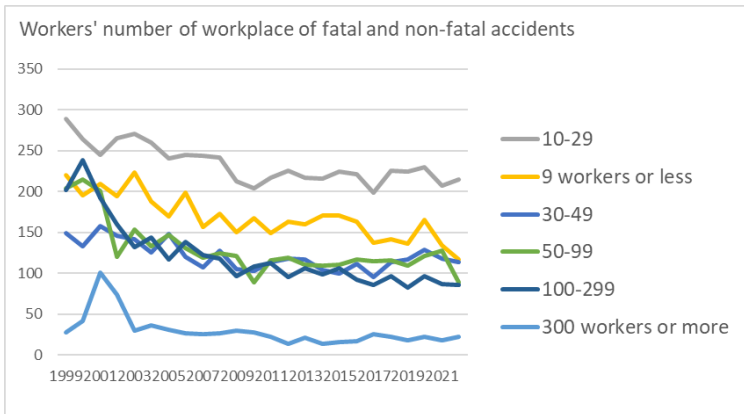
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



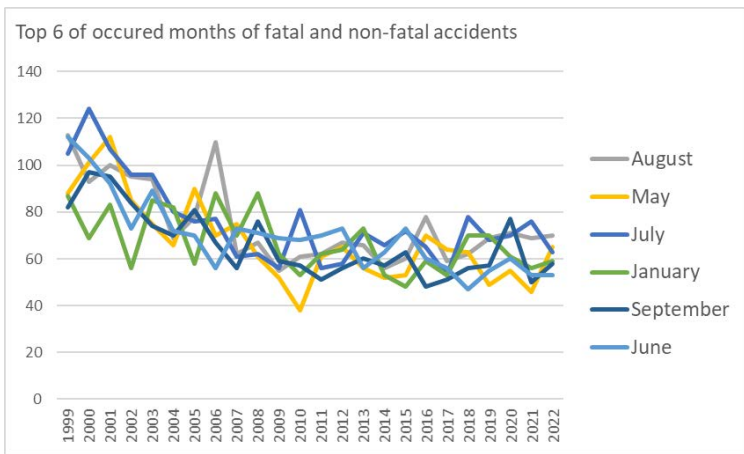
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



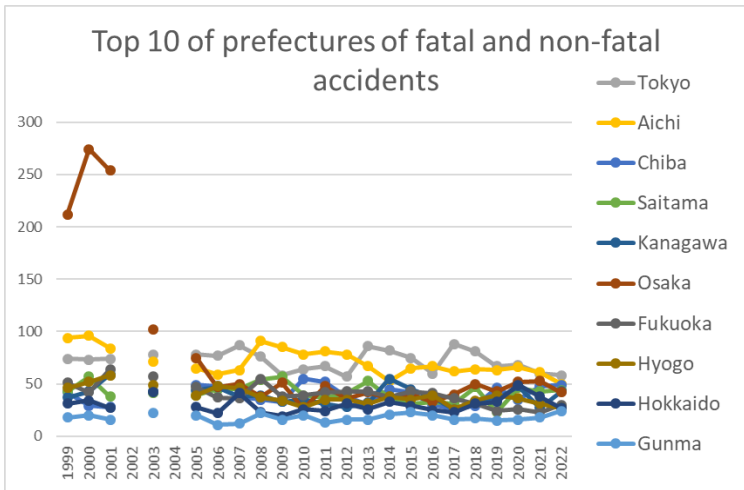
Transition of workers' age groups of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 150109 other cleaning and livestock process service in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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
falling to same level	220	227	223	195	192	199	178	198	172	178	150	165	149	164	179	182	160	181	178	185	158	192	190	179	4,394	falling to same level
fall from height	191	175	202	170	171	173	166	160	159	167	140	130	143	145	145	113	146	148	131	158	136	152	132	117	3,670	fall from height

explosion			2	2	1		2	2		1				1	3		1	3		1	1				20	explosion
burst						1			2		1		2		1	1	2				1	1	1		13	burst
electric shock	1		2	1		2			1	1						2				1				11	electric shock	
drown		1											3			1			1					6	drown	
fire	1							1		2		1		1										6	fire	
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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
temporary buildings, establishments	313	297	311	287	260	278	250	238	231	240	210	225	200	219	236	213	233	254	252	241	212	270	243	205	5,918	temporary buildings, establishments
crane, conveying machine	245	244	234	206	228	188	222	212	193	203	175	132	168	183	167	163	152	165	137	134	149	143	130	130	4,303	crane, conveying machine
other equipment	150	131	150	120	133	118	108	126	102	125	119	92	108	109	111	98	114	104	101	126	112	110	92	111	2,770	other equipment
others	89	103	89	86	79	78	56	63	45	49	47	62	75	59	50	68	58	49	40	57	51	72	79	55	1,559	others
machine	40	50	59	52	55	50	52	60	44	51	41	42	45	38	48	43	42	34	32	31	38	34	31	41	1,053	machine
substance, material	89	77	84	83	67	71	64	68	63	64	46	63	43	43	44	56	51	48	40	40	50	44	42	39	1,379	substance, material
load	130	151	137	92	93	70	63	56	70	47	45	46	61	47	45	40	51	38	26	34	45	48	50	33	1,518	load
environment	35	33	42	33	35	33	37	35	26	31	31	36	30	35	30	29	25	29	28	52	29	42	24	29	789	environment
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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
temporary buildings, establishments	313	297	311	287	260	278	250	238	231	240	210	225	200	219	236	213	233	254	252	241	212	270	243	205	5,918	temporary buildings, establishments
conveying machine	173	186	184	150	175	124	157	152	141	149	131	106	124	132	125	126	96	124	95	99	107	99	96	97	3,148	conveying machine
tools	82	75	84	64	76	66	59	74	54	79	62	56	69	62	67	56	63	61	63	64	58	59	54	61	1,568	tools
no causal agent	53	46	48	50	46	56	41	35	31	33	37	45	42	43	32	41	37	41	26	42	38	45	66	44	1,018	no causal agent
load	130	151	137	92	93	70	63	56	70	47	45	46	61	47	45	40	51	38	26	34	45	48	50	33	1,518	load
vehicle	64	50	41	47	49	63	60	50	46	45	39	23	41	46	40	35	52	40	39	28	33	36	31	31	1,029	vehicle
natural environment	35	33	42	33	35	33	37	35	26	31	31	36	30	35	30	29	25	29	28	52	29	42	24	29	789	natural environment
materials	72	70	75	63	58	65	53	58	53	57	42	55	37	33	38	51	43	34	35	33	45	40	36	28	1,174	materials
other equipments, facilities	37	28	28	30	30	18	23	25	19	24	36	24	22	23	22	21	29	25	22	28	38	23	24	26	625	other equipments, facilities
human power machine, tools	25	24	31	21	26	25	24	24	23	21	17	12	14	21	18	20	19	15	16	30	13	23	12	23	497	human power machine, tools
general machine	24	27	39	33	29	27	34	30	25	26	20	23	26	20	24	25	27	16	20	18	21	17	18	20	589	general machine
hazards, harmful	17	7	9	20	9	6	11	10	10	7	4	8	6	10	6	5	8	14	5	7	5	4	6	11	205	hazards, harmful

welding equipment							1									1						1	1		4	welding equipment
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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
passage			101		69		88	84	79	77	64	65	71	91	84	76	83	108	97	94	77	112	130	93	1,743	passage
truck			148		125		105	111	108	118	100	83	90	92	96	95	71	102	73	74	87	84	75	79	1,916	truck
no causal agent			48		46		41	35	31	33	37	45	42	43	32	41	37	41	26	42	38	45	66	44	813	no causal agent
ladder			45		53		42	45	35	46	38	36	42	42	44	32	48	43	34	44	35	38	37	40	819	ladder
building, establishment			65		48		48	44	45	55	53	57	39	46	51	46	45	35	58	40	42	39	27	35	918	building, establishment
load			133		89		57	51	63	41	43	40	56	44	41	37	48	36	24	33	38	43	48	30	995	load
stairs, landing stage			37		40		29	35	32	33	28	30	42	37	38	28	34	35	34	42	28	41	36	29	688	stairs, landing stage
other equipment, facilities			28		30		23	25	19	24	36	24	22	23	22	21	29	25	22	28	38	23	24	26	512	other equipment, facilities
cars, bus, motorcycle			33		37		48	40	35	32	27	16	35	36	25	25	42	33	26	20	21	28	22	21	602	cars, bus, motorcycle
working platform, boot board			31		40		33	35	33	42	23	32	21	21	20	32	22	30	22	24	25	31	19	21	557	working platform, boot board
other tools			37		22		15	28	17	32	23	19	26	19	23	22	15	18	29	20	22	21	16	21	445	other tools
other temporary buildings, establishments			55		48		32	30	31	24	33	31	18	15	27	26	38	37	33	27	31	36	25	20	617	other temporary buildings, establishments
other general			38		26		33	25	20	21	16	18	21	17	22	20	22	14	18	13	16	16	14	17	407	other general

printingroll machine)								1		1					1		1		1	3	1				9	printingroll machine)
inflammable substance									2	2				1			2						2		9	inflammable substance
abnormal environment			1							1		1		2	1							1	1		8	abnormal environment
boiler										1	1		1	1	1					1				7	boiler	
vehicle for high lift work			1									2			1	1								5	vehicle for high lift work	
other powered crane			2											1						2				5	other powered crane	
chemical facilities								1													1	2	1	5	chemical facilities	
engine					1						1	1							1					4	engine	
shearing machine									2				1					1						4	shearing machine	
gondola			1				1			2														4	gondola	
other pressure vessels										3											1			4	other pressure vessels	
human power machine			1										1		1							1		4	human power machine	
electric power facilities			1																	1				3	electric power facilities	
forging pressure hammer								1														1		2	forging pressure hammer	
railway equipment					1									1										2	railway equipment	
gas welding							1																1	2	gas welding	

60 years old or more	194	196	174	164	177	190	168	188	162	213	172	196	185	191	191	194	230	193	210	239	237	272	228	212	4,776	60 years old or more
50-59	310	262	265	234	243	217	211	227	202	181	195	156	180	161	150	166	150	183	142	152	162	179	158	155	4,641	50-59
40-49	186	176	162	147	150	134	151	163	126	152	127	125	138	146	157	160	165	160	140	147	129	158	142	136	3,577	40-49
30-39	188	226	276	218	221	201	173	182	174	157	151	129	131	145	144	124	108	116	94	95	87	83	96	82	3,601	30-39
20-29	193	211	212	187	147	132	134	89	103	98	66	84	92	78	83	60	64	66	61	69	63	58	61	55	2,466	20-29
19 years old or less	20	15	17	9	12	12	15	9	7	9	3	8	4	12	6	6	9	3	9	13	8	13	6	3	228	19 years old or less
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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	289	264	245	265	271	260	240	245	244	242	212	204	217	225	217	216	224	221	198	225	224	230	207	215	5,600	10-29
9 workers or less	220	195	209	194	223	188	169	198	157	173	150	167	149	163	160	170	170	163	137	142	136	165	134	117	4,049	9 workers or less
30-49	149	133	158	146	141	125	148	120	107	127	105	103	114	118	117	104	100	111	95	114	117	129	118	114	2,913	30-49
50-99	204	215	201	120	153	133	147	131	119	124	121	89	116	119	110	109	110	117	115	116	109	121	127	89	3,115	50-99
100-299	202	238	192	160	132	144	117	138	122	118	96	108	112	95	106	98	106	92	86	96	82	96	87	86	2,909	100-299
300 workers or more	27	41	101	74	30	36	31	26	25	26	30	27	22	13	21	13	16	17	25	22	18	22	18	22	703	300 workers or more
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

Transition of occurred months of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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
August	113	93	100	95	94	69	78	110	62	67	55	61	62	67	66	56	60	78	59	62	69	71	69	70	1,786	August
May	88	101	112	85	75	66	90	70	75	61	52	38	61	65	56	52	53	70	64	63	49	55	46	65	1,612	May
July	105	124	107	96	96	80	76	77	61	62	56	81	56	58	71	66	72	65	53	78	68	70	76	63	1,817	July

January	87	69	83	56	85	82	58	88	70	88	62	53	62	64	73	53	48	59	53	70	70	61	56	59	1,609	January
September	82	97	95	84	74	70	81	67	56	76	59	57	51	56	60	57	63	48	51	56	57	77	50	58	1,582	September
June	112	103	92	73	89	72	70	56	73	71	69	68	70	73	56	63	73	60	56	47	55	60	53	53	1,667	June
December	65	86	88	76	58	52	81	59	46	52	61	52	81	49	54	52	54	78	49	50	47	60	55	53	1,458	December
October	100	85	104	103	61	78	76	64	70	68	64	54	47	70	54	53	67	44	46	56	63	57	59	50	1,593	October
March	78	94	88	80	102	77	55	77	64	63	65	65	74	57	77	55	73	57	59	60	47	68	60	45	1,640	March
April	91	91	86	66	83	76	66	58	73	75	59	57	55	50	59	80	62	56	49	72	53	70	65	45	1,597	April
November	83	68	83	69	64	92	62	73	59	58	52	53	57	63	58	64	46	57	67	46	56	57	53	44	1,484	November
February	87	75	68	76	69	72	59	59	65	69	60	59	54	61	47	59	55	49	50	55	52	57	49	38	1,444	February
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

Transition of prefectures of fatal and non-fatal accidents in 150109 other cleaning and livestock process 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	74	73	74		78		78	77	87	76	58	64	67	57	86	82	75	60	88	81	67	68	60	58	1,588	Tokyo
Aichi	94	96	84		71		65	59	63	91	85	78	81	78	67	53	65	67	62	64	63	66	61	50	1,563	Aichi
Chiba	42	29	28		42		49	48	38	35	33	55	52	38	30	45	42	30	26	29	46	35	48	49	869	Chiba
Saitama	43	57	38		41		39	45	45	54	57	39	37	41	53	37	31	33	31	47	23	46	43	44	924	Saitama
Kanagawa	37	43	59		43		44	47	38	39	33	35	31	28	32	55	45	37	26	33	35	48	27	43	858	Kanagawa
Osaka	212	274	254		102		75	47	50	38	51	26	48	36	42	36	40	33	40	50	43	52	53	42	1,644	Osaka
Fukuoka	51	42	64		57		47	37	36	55	38	39	42	43	43	38	43	41	36	31	24	26	23	30	886	Fukuoka
Hyogo	46	52	58		49		39	48	46	37	34	28	35	35	31	38	35	39	26	34	39	36	31	27	843	Hyogo
Hokkaido	31	34	27		42		28	22	41	23	19	26	24	31	26	33	29	25	23	31	33	49	38	27	662	Hokkaido
Gunma	18	20	16		22		20	11	12	22	16	20	13	16	16	21	23	20	16	17	15	16	18	24	392	Gunma
Kumamoto	12	15	12		21		10	19	9	17	18	15	15	11	14	14	8	22	16	24	12	20	12	24	340	Kumamoto

Nagasaki	10	9	8		7		12	12	15	7	9	9	6	16	9	7	6	10	6	4	8	12	7	3	192	Nagasaki
Nagano	7	9	7		7		3	4	7	8	7	9	8	6	7	13	12	8	12	12	10	4	5	3	168	Nagano
Aomori	6	6	2				9	8	4	10	2	7	5	4	5	5	10	6	9	8	1	4	6	3	120	Aomori
Kochi	22	14	10		7		4		1	3	2	2	5	5	4	4	2	3	7	2	5	4	4	3	113	Kochi
Toyama	8	8	2		8		10	4	3	2	3	1	3	1	6	2	2	3		5	5	5	3	3	87	Toyama
Ishikawa	6	1	1		3		4	8	4	2	1	5	2	1	3	1	4	3	2	5	6	2	5	3	72	Ishikawa
Tottori	6	6	5		3		4	3	2	2		2	1	1			3	2	2	3				3	48	Tottori
Akita	7	5	5		8		6	10	5	9	2	4	2	4	6	6	3	4	2	1	2	2	1	2	96	Akita
Nara	11	3	1		4		2	5	4	4	2	3	3	2	6	7	2	2	4	2	3	2	4	2	78	Nara
Shimane	4	2	4		7		1	3	3	2	1	4	6	5	2	1	4	4	2	1	4	2	1	2	65	Shimane
Tokushima	26	18	16		29		18	16	19	22	12	13	15	16	18	13	20	11	9		1	7	1	1	301	Tokushima
Fukui	9	6	2		5		7	4	6	3	3	2	5	3	4	5	3	6	1		2			1	77	Fukui
Okinawa	3	4	8					3	1	3	1	5	3	3	1	4	2	6	1	4	3	8	1	1	65	Okinawa
total	1,091	1,086	1,106	959	950	886	852	858	774	810	714	698	730	733	731	710	726	721	656	715	686	763	691	643	19,289	total

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