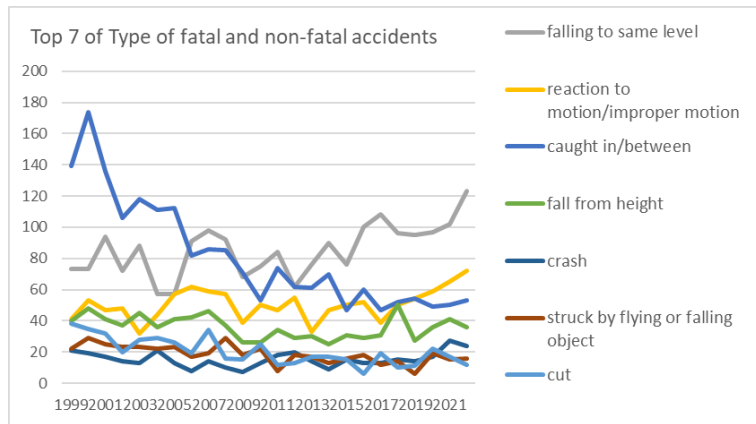
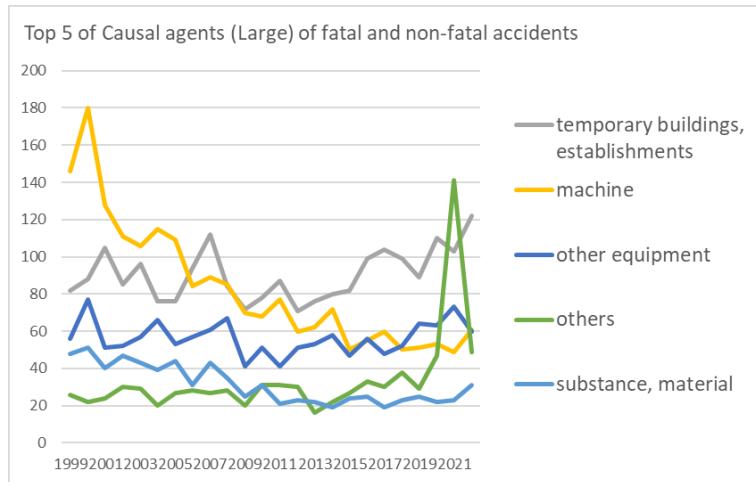


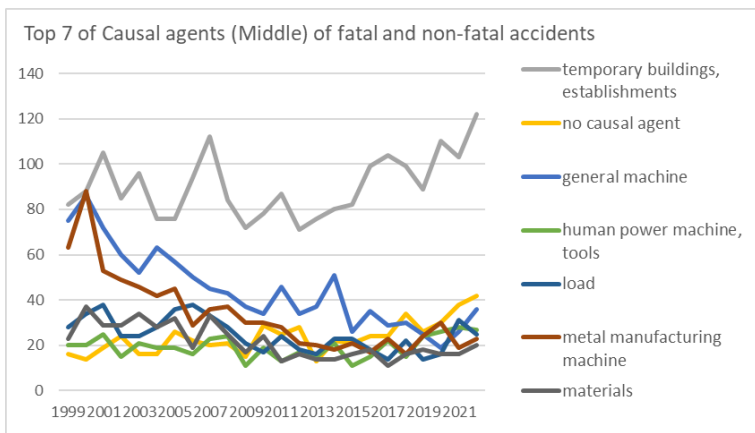
Transition of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)



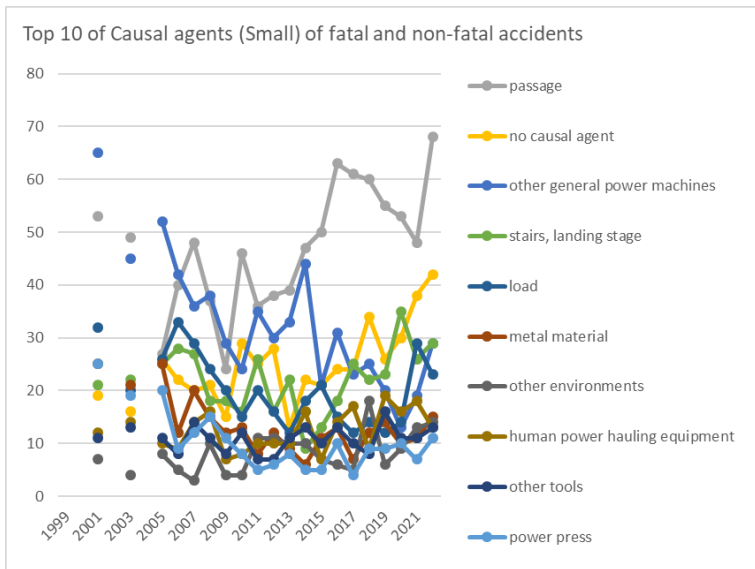
Transition of Top 7 of Type of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)



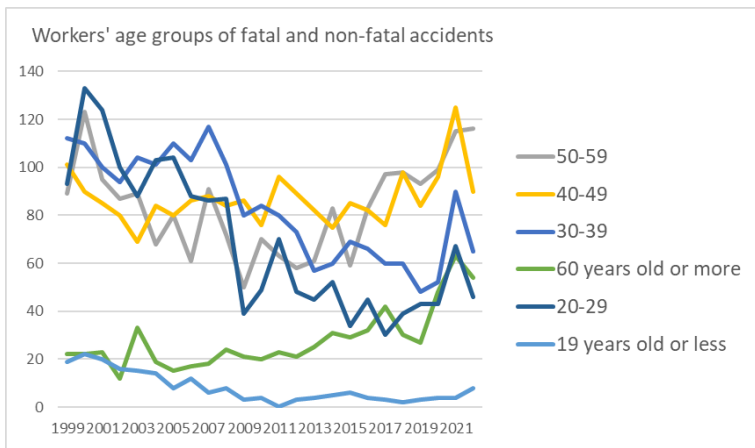
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)



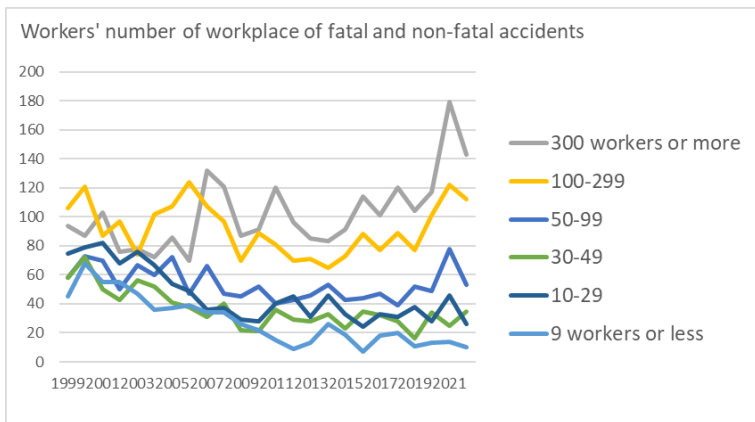
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)



Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)



Transition of workers' age groups of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus in Japan (1999-2022)

total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total
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Transition of Causal agents (Middle) of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus 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	82	88	105	85	96	76	76	94	112	84	72	78	87	71	76	80	82	99	104	99	89	110	103	122	2,170	temporary buildings, establishments
no causal agent	16	14	19	24	16	16	26	22	20	21	15	29	25	28	13	22	21	24	24	34	26	30	38	42	565	no causal agent
general machine	75	86	72	60	52	63	57	50	45	43	37	34	46	34	37	51	26	35	29	30	25	19	26	36	1,068	general machine
human power machine, tools	20	20	25	15	21	19	19	16	23	24	11	19	13	17	15	21	11	15	22	15	24	26	28	27	466	human power machine, tools
load	28	34	38	24	24	28	36	38	33	28	21	17	24	18	16	23	23	18	14	22	14	16	31	25	593	load
metal manufacturing machine	63	88	53	49	46	42	45	29	36	37	30	30	28	21	20	18	21	17	23	16	24	30	19	23	808	metal manufacturing machine
materials	23	37	29	29	34	28	32	19	33	25	17	24	13	16	14	14	16	18	11	16	18	16	16	20	518	materials
tools	21	31	19	18	23	26	18	21	26	23	17	19	14	16	20	26	25	24	17	25	22	21	30	19	521	tools
natural environment	7	11	11	8	10	9	11	11	7	12	5	5	21	14	14	12	10	7	9	21	7	13	16	18	269	natural environment
other equipments, facilities	9	19	6	11	6	14	11	14	11	13	7	10	11	12	10	9	9	12	6	6	14	10	9	11	250	other equipments, facilities

hazards, harmful substances	25	14	11	18	9	11	12	12	10	10	8	7	8	7	8	5	8	7	8	7	7	6	7	11	236	hazards, harmful substances
conveying machine	27	20	25	11	19	23	10	12	13	15	8	9	7	9	6	5	9	7	10	13	8	12	12	9	299	conveying machine
other causal agent	9	6	4	6	7	3	1	6	5	5	4	2	6	2	2		5	9	5	4	3	17	101	7	219	other causal agent
vehicle	11	15	15	18	9	13	30	5	17	16	16	10	20	12	7	14	9	9	8	5	8	4	13	4	288	vehicle
electric equipment	4	4		4	2	4	2	3	1	1	4			2	2			3	2	4	2	4	1	2	51	electric equipment
power transmission mechanism	6	2	1	1	4	7	5	2	4	4	3	3	2	5	3	3		3	3	2	2	2	2	1	70	power transmission mechanism
kiln, caldron	2	2		1	4	2	1	2		2			2		1		1			1	2	1	1	1	26	kiln, caldron
construction machine							1													1	2			1	5	construction machine
crane	5	2	10	3	5		1	7	4	6	1	3	3	4	2	1	1	3	6	4	3	2	3		79	crane
woodworking machine	2	3	2	1	4	3	1	2	4	1		1	1		2		2		4			2	2		37	woodworking machine
unclassifiable	1	2	1		6	1			2	2	1				1		1		1				2		21	unclassifiable
welding equipment		1	1	2		1	1			2	1			2	2	1			1			1	3		19	welding equipment
chemical facilities				1	1		1			2	1		1	1	1	1	1	2		1			1		15	chemical facilities
pressure vessel								1				3		1	2										7	pressure vessel

engine		1						1								1									3	engine
mobile silviculture machine																										mobile silviculture machine
total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus 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			53		49		27	40	48	37	24	46	36	38	39	47	50	63	61	60	55	53	48	68	942	passage
no causal agent			19		16		26	22	20	21	15	29	25	28	13	22	21	24	24	34	26	30	38	42	495	no causal agent
other general power machines			65		45		52	42	36	38	29	24	35	30	33	44	21	31	23	25	20	13	19	29	654	other general power machines
stairs, landing stage			21		22		25	28	27	18	18	16	26	16	22	9	13	18	25	22	23	35	26	29	439	stairs, landing stage
load			32		20		26	33	29	24	20	15	20	16	12	18	21	15	12	14	12	14	29	23	405	load
metal material			25		21		25	12	20	15	12	13	8	12	9	6	11	13	7	12	14	10	11	15	271	metal material
other environments			7		4		8	5	3	10	4	4	11	11	10	10	7	6	5	18	6	9	13	14	165	other environments
human power hauling equipment			12		14		10	9	14	16	7	8	10	10	10	16	7	14	17	9	19	16	18	13	249	human power hauling equipment
other tools			11		13		11	8	14	11	8	12	7	7	11	13	10	13	10	8	16	11	11	13	218	other tools
power press			25		19		20	9	12	15	11	8	5	6	8	5	5	10	4	9	9	10	7	11	208	power press
other equipment, facilities			6		6		11	14	11	13	7	10	11	12	10	9	9	12	6	6	14	10	9	11	197	other equipment, facilities
building, establishment			9		8		11	4	11	8	8	4	7	3	4	5	9	3	6	5	3	9	14	9	140	building, establishment
other temporary																										other temporary

buildings, establishments			5		5		4	9	8	9	8	4	7	2	3	6	7	6	6	9	3	3	4	8	116	buildings, establishments	
other causal agent			4		7		1	6	5	5	4	2	6	2	2		5	9	5	4	3	17	101	7	195	other causal agent	
working platform, boot board			12		7		6	12	16	8	13	5	8	9	7	11	3	5	6	3	4	9	7	7	158	working platform, boot board	
hand tool			11		7		8	6	7	7	4	10	2	5	5	4	3	1	5	6	4	8	7	7	117	hand tool	
ladder			8		10		7	13	11	12	8	7	7	8	9	13	15	11	7	17	6	10	19	6	204	ladder	
other metal manufacturing machines			15		18		9	10	15	10	6	12	13	9	7	10	4	3	9	3	9	10	9	6	187	other metal manufacturing machines	
other hazards, harmful substances			3				7	5	2	4	4	2	3	3	5	1	3	2	2	4	3	1	2	6	62	other hazards, harmful substances	
human power cranes										1		1		1								1	2	3	6	15	human power cranes
cars, bus, motorcycle			15		8		29	4	16	16	13	10	20	11	7	14	9	9	7	5	7	4	12	4	220	cars, bus, motorcycle	
other materials			3		12		6	7	12	10	5	10	3	3	3	2	5	4	4	3	4	5	5	4	110	other materials	
forklift			9		5		2	5	5	3	4	4	2	4	1	3	3	2	3	2		6	4	3	70	forklift	
grinding machine, buffing machine			5		3		8	2	5	6	6	2	7	2	1		2	3	4		3	4	1	3	67	grinding machine, buffing machine	
conveyor			8		5		5	2	4	1	1	1	1	1	4	1	1	1	1	2		2	4	3	48	conveyor	
roll machine (except printingroll machine)			1		2			2	4	3	3	5	3	1	1	2	4		2	4		1	2	3	43	roll machine (except printingroll machine)	
lathe			1		3		2	2		2	3	3	1	3	1	1	5		4	1	1	4	1	3	41	lathe	

equipment			1				1			2	1				1	2	1			1	2		13	equipment				
other vehicles					1			1	1		3				1					1		1		9	other vehicles			
scaffolding					1			2		1	1											2		9	scaffolding			
other woodworking machines																							1		8	other woodworking machines		
abnormal environment																							2		7	abnormal environment		
transmission																							1	2		6	transmission	
mobile crane																							1			5	mobile crane	
other powered crane																								1		5	other powered crane	
other pressure vessels																								3		4	other pressure vessels	
industrial dryer																							2			4	industrial dryer	
stone, sand, substance																								1		4	stone, sand, substance	
band sawing machine																								1		3	band sawing machine	
leveling, transporting or loading machine																									1		3	leveling, transporting or loading machine
pressure vessel																									1		3	pressure vessel
slinging tool																									1		3	slinging tool
engine																									1		2	engine

total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total
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Transition of workers' age groups of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus 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	89	123	95	87	89	68	80	61	91	72	50	70	63	58	61	83	59	83	97	98	93	99	115	116	2,000	50-59
40-49	101	90	85	80	69	84	80	86	88	84	86	76	96	89	82	75	85	82	76	98	84	96	125	90	2,087	40-49
30-39	112	110	100	94	104	101	110	103	117	101	80	84	80	73	57	60	69	66	60	60	48	52	90	65	1,996	30-39
60 years old or more	22	22	23	12	33	19	15	17	18	24	21	20	23	21	25	31	29	32	42	30	27	48	63	54	671	60 years old or more
20-29	93	133	124	100	88	103	104	88	86	87	39	49	70	48	45	52	34	45	30	39	43	43	67	46	1,656	20-29
19 years old or less	19	22	20	16	15	14	8	12	6	8	3	4		3	4	5	6	4	3	2	3	4	4	8	193	19 years old or less
total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus 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
300 workers or more	94	87	103	76	78	72	86	70	132	121	87	91	120	96	85	83	91	114	101	120	104	117	179	143	2,450	300 workers or more
100-299	106	121	87	97	74	102	107	124	107	97	70	89	81	70	71	65	73	88	77	89	77	101	122	112	2,207	100-299
50-99	58	73	70	50	67	60	72	47	66	47	45	52	40	43	46	53	43	44	47	39	52	49	78	53	1,294	50-99
30-49	58	72	50	43	56	52	41	38	31	40	22	21	36	29	28	33	23	35	32	28	16	34	25	35	878	30-49
10-29	75	79	82	68	76	67	54	49	36	37	29	28	40	45	31	46	33	24	33	31	38	28	46	26	1,101	10-29
9 workers or less	45	68	55	55	47	36	37	39	34	34	26	22	15	9	13	26	19	7	18	20	11	13	14	10	673	9 workers or less
total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total

Transition of occurred months of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus 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
January	40	47	49	33	51	32	35	37	34	34	28	31	30	26	38	29	24	26	33	46	23	37	49	46	858	January
September	34	42	34	30	20	32	25	31	27	29	27	28	26	23	28	26	20	26	21	25	17	30	25	44	670	September
February	42	37	50	36	24	30	31	42	33	49	30	23	31	36	21	35	27	23	35	30	33	28	24	40	790	February
July	37	39	50	40	22	44	41	33	34	31	28	30	26	27	33	25	37	25	22	23	33	23	45	37	785	July
October	36	47	42	30	44	37	37	34	36	28	23	23	23	23	17	21	22	24	23	27	20	28	34	34	713	October
April	38	31	29	21	30	39	28	31	30	32	27	23	25	27	27	24	20	34	14	22	24	26	61	30	693	April
June	37	43	36	35	30	23	33	30	38	33	14	21	27	29	21	33	24	23	29	26	21	28	27	30	691	June
March	43	48	38	38	32	38	51	29	51	31	31	26	40	27	24	26	26	28	23	37	24	31	29	25	796	March
August	41	41	25	35	39	31	33	21	27	27	14	28	33	26	18	16	23	32	25	16	31	31	61	25	699	August
November	35	46	28	27	27	27	30	26	29	23	20	29	26	19	11	27	20	30	34	30	26	23	43	25	661	November
December	27	43	25	24	40	22	30	26	24	24	21	15	25	13	20	19	15	20	27	20	22	24	26	22	574	December
May	26	36	41	40	39	34	23	27	43	35	16	26	20	16	16	25	24	21	22	25	24	33	40	21	673	May
total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total

Transition of prefectures of fatal and non-fatal accidents in 011403 electronics equipment and telecommunications apparatus 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
Nagano	37	27	34		29		13	17	18	21	13	14	17	22	27	19	15	13	16	23	29	15	33	29	481	Nagano
Miyagi	12	14	8		14		11	21	6	24	11	7	17	8	13	4	8	13	9	11	15	9	22	22	279	Miyagi
Aichi	13	9	10		9		11	13	16	14	10	9	12	9	11	13	11	12	14	10	9	9	10	19	253	Aichi
Saitama	13	12	19		15		12	17	18	13	10	11	12	7	7	13	9	10	11	13	10	12	5	18	267	Saitama
Fukushima	21	19	16		24		23	17	19	10	16	18	14	15	9	10	9	11	17	15	22	10	13	17	345	Fukushima
Yamagata	19	14	13		11		8	19	14	6	6	10	13	12	6	14	6	19	10	16	11	11	8	15	261	Yamagata

Ishikawa	4	8	10		7		11	5	12	9	8	6	10	5	3	11	4	8	7	7	7	14	5	4	165	Ishikawa	
Ibaraki	11	10	6		7		7	10	10	7	8	11	12	5	7	7	5	5	5	8	4	3	7	4	159	Ibaraki	
Tochigi	3	18	13		10		10	7	2	5	2	3	8	8	8	14	7	6	4	3	2	4	6	4	147	Tochigi	
Hokkaido	7	7	4		5		3	6	5	3	4	3	6	2	1	2	2	3	3	2		7	5	4	84	Hokkaido	
Tottori	4	13	7		7		4	3	3	3	4	7	1	5	2	3	1	2		3	2	2	3	4	83	Tottori	
Chiba	5	6	8		4		9	6	7	8	9	4	2	5	5	7	6	8	6	3	3	9	7	3	130	Chiba	
Ehime	4	4	5		3		2	2	2	2	6	2	1	2		1		3	3	1	3	2	1	3	52	Ehime	
Kyoto	8	7	8		6		8	2	7	3	5	6	5	5	4	3	7	5	8	7	7	9	6	2	128	Kyoto	
Miyazaki	6	3	1		4		3	3	7	1	3	1	1	2	1	1	1	4	4	5			3	2	56	Miyazaki	
Hiroshima	3	5	13		6		7	7	8	2	2	5	5	8	4	3	1	3	5	2	2	6	25	1	123	Hiroshima	
Oita	6	9	3		4		7	3	1	2	1	4	1	4		3	4	4	1	2	4	4	7	1	75	Oita	
Nara	3	1	2		4		1	3	2	4	5	2	3	2	6	1	4	2	4	1	3	3	2	1	59	Nara	
Kagawa	2	2	3		1		3	2	1	3		2	2	1	4	5		2	1	1	2		4	1	42	Kagawa	
Nagasaki	5	3	3				1	3		2	4	1	5	3		1		2	1	2	3	2		1	42	Nagasaki	
Kochi	5	3	2				1	2	1	5	2		3	4		1	4	4	2	1		2	1		43	Kochi	
Wakayama	2	3	6		1		1	3	2	1		3	2	1	2	1	1		3	3			6		41	Wakayama	
Yamaguchi	2	1	2		1			2	3	2	2		1	4		1	2	1		1	1	4	3		33	Yamaguchi	
Okinawa									2	1													1			4	Okinawa
total	436	500	447	389	398	389	397	367	406	376	279	303	332	292	274	306	282	312	308	327	298	342	464	379	8,603	total	

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