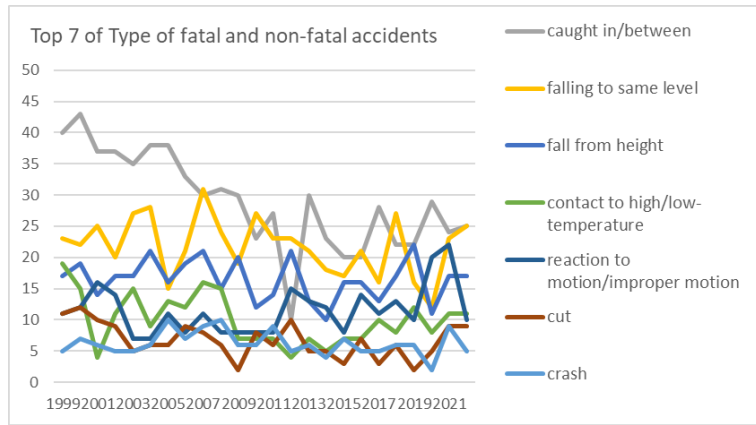
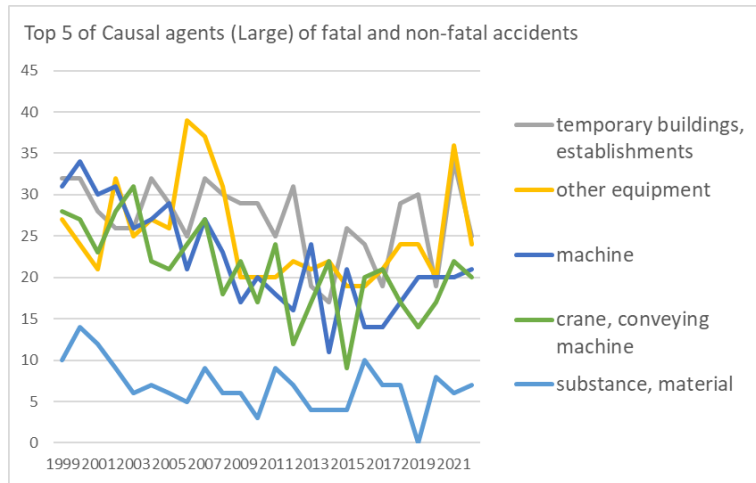


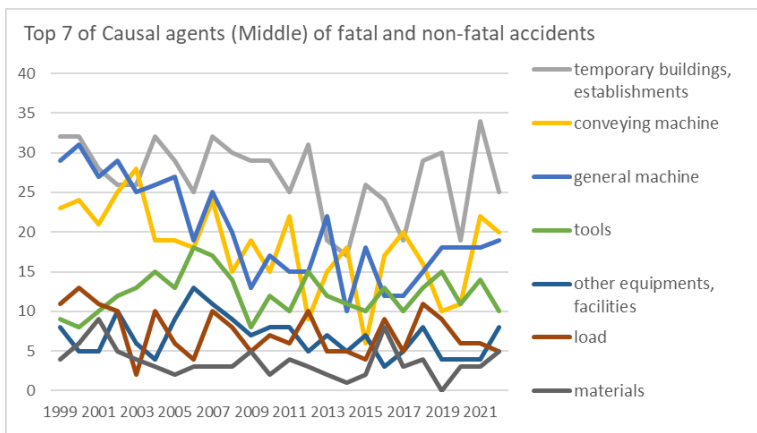
Transition of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



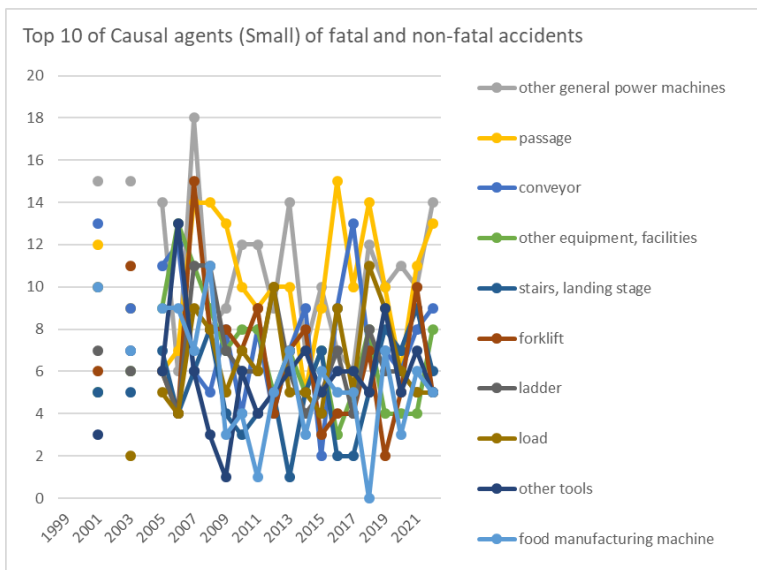
Transition of Top 7 of Type of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



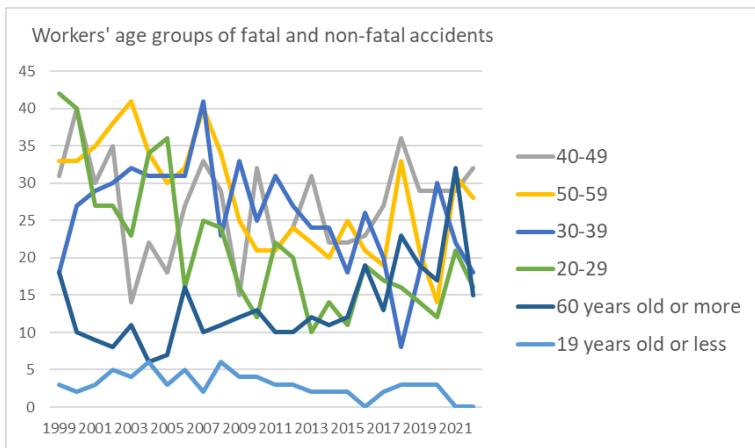
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



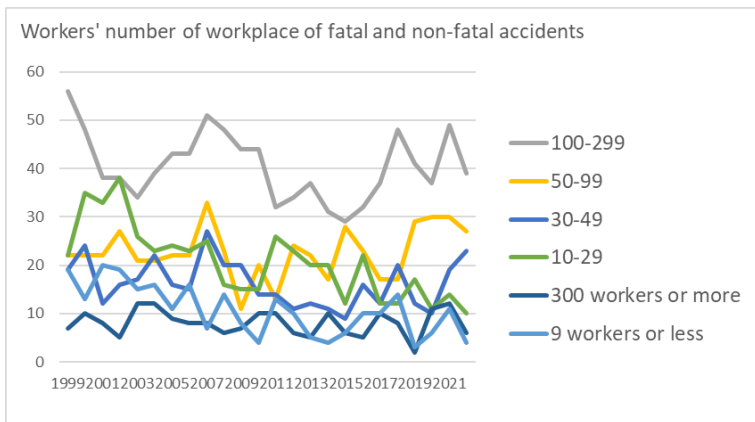
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



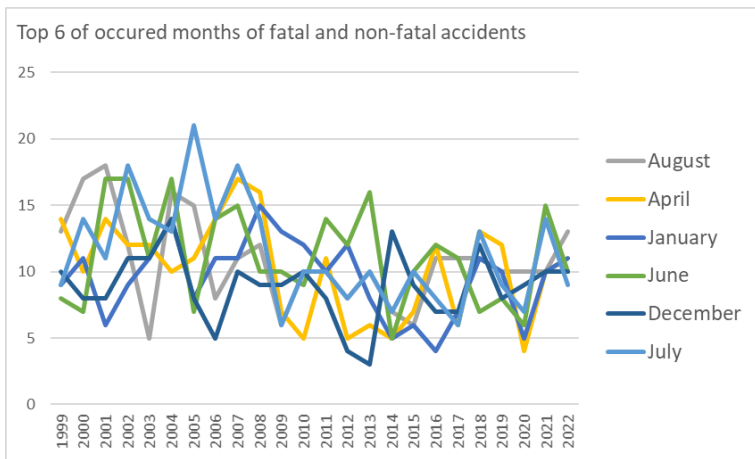
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



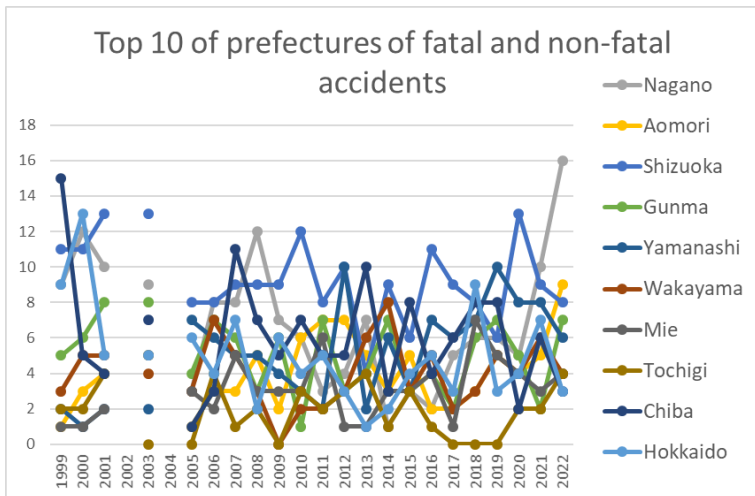
Transition of workers' age groups of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010106 soft drinks in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010106 soft drinks 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	40	43	37	37	35	38	38	33	30	31	30	23	27	10	30	23	20	20	28	22	22	29	24	25	695	caught in/between
falling to same level	23	22	25	20	27	28	15	21	31	24	19	27	23	23	21	18	17	21	16	27	16	12	23	25	524	falling to same level

(others)										1			1													2	(others)
drown																					1					1	drown
electric shock																									1	1	electric shock
unclassifiable												1														1	unclassifiable
explosion																											explosion
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total	

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010106 soft drinks 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	32	32	28	26	26	32	29	25	32	30	29	29	25	31	19	17	26	24	19	29	30	19	34	25	648	temporary buildings, establishments
other equipment	27	24	21	32	25	27	26	39	37	31	20	20	20	22	21	22	19	19	21	24	24	20	36	24	601	other equipment
machine	31	34	30	31	26	27	29	21	27	23	17	20	18	16	24	11	21	14	14	17	20	20	20	21	532	machine
crane, conveying machine	28	27	23	28	31	22	21	24	27	18	22	17	24	12	17	22	9	20	21	17	14	17	22	20	503	crane, conveying machine
substance, material	10	14	12	9	6	7	6	5	9	6	6	3	9	7	4	4	4	10	7	7		8	6	7	166	substance, material
load	11	13	11	10	2	10	6	4	10	8	5	7	6	10	5	5	4	9	5	11	9	6	6	5	178	load
environment	1	3	3		2	5	1	4	2	3	2	4	3	2	5	2	3	7	3	6	5	2	4	5	77	environment
others	5	5	5	7	7	3	7	5	7	8	4	7	3	8	6	10	4	5	8	8	2	13	7	2	146	others

total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total
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Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010106 soft drinks 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	32	32	28	26	26	32	29	25	32	30	29	29	25	31	19	17	26	24	19	29	30	19	34	25	648	temporary buildings, establishments
conveying machine	23	24	21	25	28	19	19	18	24	15	19	15	22	9	15	18	6	17	20	16	10	11	22	20	436	conveying machine
general machine	29	31	27	29	25	26	27	19	25	20	13	17	15	15	22	10	18	12	12	15	18	18	18	19	480	general machine
tools	9	8	10	12	13	15	13	18	17	14	8	12	10	15	12	11	10	13	10	13	15	11	14	10	293	tools
other equipments, facilities	8	5	5	10	6	4	9	13	11	9	7	8	8	5	7	5	7	3	5	8	4	4	4	8	163	other equipments, facilities
load	11	13	11	10	2	10	6	4	10	8	5	7	6	10	5	5	4	9	5	11	9	6	6	5	178	load
materials	4	6	9	5	4	3	2	3	3	3	5	2	4	3	2	1	2	8	3	4		3	3	5	87	materials
natural environment	1	3	3		2	5	1	4	2	3	2	4	3	2	5	2	3	7	3	6	5	2	4	5	77	natural environment
human power machine, tools	5	8	5	6	3	3	1	6	5	5	3		1		1	3	2	2	1	3	2	4	15	4	88	human power machine, tools
hazards, harmful substances	6	8	3	4	2	4	4	2	6	3	1	1	5	4	2	3	2	2	4	3		5	3	2	79	hazards, harmful substances

power transmission mechanism	1	2	3	1	1	1	1	2	2	3	4	1	3		2	1	1	1	1	1	1	2	2	2	39	power transmission mechanism
kiln, caldron	2					2			1	1	1												2	2	11	kiln, caldron
no causal agent	4	4	4	6	6	2	6	3	4	5	3	4	2	6	6	10	2	5	6	7	2	13	4	1	115	no causal agent
other causal agent	1	1	1	1	1	1	1	2	3	3	1	2	1	1			2		2	1			3	1	29	other causal agent
vehicle	3	2		2	2	2	1	4	3	3		1	1	2		3	1	2			2	4			38	vehicle
crane	2	1	2	1	1	1	1	2			3	1	1	1	2	1	2	1	1	1	2	2			29	crane
pressure vessel	2	3		2	2		3	2	2		1		1	2		2			2		2		1		27	pressure vessel
metal manufacturing machine	1	1		1			1					2		1			1	1	1	1	1				12	metal manufacturing machine
chemical facilities			1	2	1	1				1						1			1		1	1			10	chemical facilities
electric equipment	1					1			1						1			1	2						7	electric equipment
welding equipment						1				1															2	welding equipment
unclassifiable												1		1											2	unclassifiable
woodworking machine																		1							1	woodworking machine
engine																										engine
construction machine																										construction machine

other environments			2					1		1		2	2	1	2	1	1	2	2	4		1	1	3	26	other environments
working platform, boot board			5		6		5	5	4		4	6	3	3	4	3	2	2	3	1	5	2	5	2	70	working platform, boot board
power transmission mechanism			3		1		1	2	2	3	4	1	3		2	1	1	1	1	1	1	2	2	2	34	power transmission mechanism
other hazards, harmful substances			1		1		1	1	2	1	1	1	1	1	2	1	1	2	2	2		3	2	2	28	other hazards, harmful substances
high/cold temperature environment			1				1	2	2	1		2		1	3	1	1	2		2	2	1	3	2	27	high/cold temperature environment
other powered conveying machines			1		3		1		1		1	2	1		1		2			1		3	2	19	other powered conveying machines	
kiln, caldron								1	1	1												2	2	7	kiln, caldron	
no causal agent			4		6		6	3	4	5	3	4	2	6	6	10	2	5	6	7	2	13	4	1	99	no causal agent
building, establishment			1		2		6	5	5	2	2	8	5	4	3	2	1	2	2	3	4	2	7	1	67	building, establishment
other temporary buildings, establishments			3		4		3	4	3	6	6	2	3	5		1	5	3		6	3	2	2	1	62	other temporary buildings, establishments
other causal agent			1		1		1	2	3	3	1	2	1	1		2		2	1			3	1	25	other causal agent	
metal material			4				2		1	1		1	1	1	1		2		2			2	1	19	metal material	
opening			1				2							3	1			1					1	9	opening	
scaffolding												1				1		1					1	4	scaffolding	
human power cranes																						1	1	2	human power cranes	

radiation																												radiation
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total		

Transition of workers' age groups of fatal and non-fatal accidents in 010106 soft drinks 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	31	40	30	35	14	22	18	27	33	29	15	32	21	24	31	22	22	23	27	36	29	29	29	32	651	40-49
50-59	33	33	35	38	41	34	30	32	40	34	25	21	21	24	22	20	25	21	19	33	21	14	31	28	675	50-59
30-39	18	27	29	30	32	31	31	31	41	23	33	25	31	27	24	24	18	26	20	8	18	30	22	18	617	30-39
20-29	42	40	27	27	23	34	36	16	25	24	16	12	22	20	10	14	11	19	17	16	14	12	21	16	514	20-29
60 years old or more	18	10	9	8	11	6	7	16	10	11	12	13	10	10	12	11	12	19	13	23	19	17	32	15	324	60 years old or more
19 years old or less	3	2	3	5	4	6	3	5	2	6	4	4	3	3	2	2	2		2	3	3	3			70	19 years old or less
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010106 soft drinks 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
100-299	56	48	38	38	34	39	43	43	51	48	44	44	32	34	37	31	29	32	37	48	41	37	49	39	972	100-299
50-99	22	22	22	27	21	21	22	22	33	23	11	20	13	24	22	17	28	23	17	17	29	30	30	27	543	50-99
30-49	19	24	12	16	17	22	16	15	27	20	20	14	14	11	12	11	9	16	12	20	12	10	19	23	391	30-49
10-29	22	35	33	38	26	23	24	23	25	16	15	15	26	23	20	20	12	22	12	12	17	11	14	10	494	10-29
300 workers or more	7	10	8	5	12	12	9	8	8	6	7	10	10	6	5	10	6	5	10	8	2	11	12	6	193	300 workers or more
9 workers or less	19	13	20	19	15	16	11	16	7	14	8	4	13	10	5	4	6	10	10	14	3	6	11	4	258	9 workers or less
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total

Transition of occurred months of fatal and non-fatal accidents in 010106 soft drinks 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	13	17	18	12	5	16	15	8	11	12	6	10	10	8	10	7	6	11	11	11	10	10	10	13	260	August
April	14	10	14	12	12	10	11	14	17	16	7	5	11	5	6	5	7	12	6	13	12	4	10	11	244	April
January	9	11	6	9	11	14	8	11	11	15	13	12	10	12	8	5	6	4	7	11	10	5	10	11	229	January
June	8	7	17	17	11	17	7	14	15	10	10	9	14	12	16	5	10	12	11	7	8	6	15	10	268	June
December	10	8	8	11	11	14	8	5	10	9	9	10	8	4	3	13	9	7	7	12	8	9	10	10	213	December
July	9	14	11	18	14	13	21	14	18	14	6	10	10	8	10	7	10	8	6	13	9	7	14	9	273	July
May	15	16	10	9	11	8	11	8	13	6	9	9	7	14	6	14	5	7	12	10	5	15	16	8	244	May
September	12	13	9	14	5	7	8	11	10	10	10	7	9	11	9	8	9	8	7	6	8	5	11	8	215	September
February	13	15	4	6	14	9	7	8	10	6	11	6	7	11	10	6	7	5	7	9	12	8	9	8	208	February
March	14	16	13	15	15	12	13	15	13	13	3	8	8	7	8	8	9	4	7	7	7	16	12	7	250	March
October	14	9	11	12	11	8	9	8	14	10	10	13	8	13	7	8	5	19	10	13	8	5	10	7	242	October
November	14	16	12	8	5	5	7	11	9	6	11	8	6	3	8	7	7	11	7	7	7	15	8	7	205	November
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total

Transition of prefectures of fatal and non-fatal accidents in 010106 soft drinks 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	9	12	10		9		3	8	8	12	7	6	3	4	7	1	3	2	5	6	6	5	10	16	152	Nagano
Aomori	1	3	4		5		1	3	3	5	2	6	7	7	5	3	5	2	2	3	5	4	5	9	90	Aomori
Shizuoka	11	11	13		13		8	8	9	9	9	12	8	10	4	9	6	11	9	8	6	13	9	8	204	Shizuoka
Gunma	5	6	8		8		4	7	6	3	6	1	7	3	4	7	3	4	2	6	7	5	2	7	111	Gunma
Yamanashi	2	1	2		2		7	6	5	5	4	3	2	10	2	6	3	7	6	7	10	8	8	6	112	Yamanashi

Tokyo	4	5	6		1			2	2	2	1	3	1		2	1	2	2	1		4	2	1	1	43	Tokyo	
Kagoshima	1	2			3		3	1	1				3	1	2	3	5	3	2	2	1		2	1	36	Kagoshima	
Shimane	1		3		2		1	2		1		2	1		3	1	1	2		3	1	3	1	1	29	Shimane	
Kochi	1	1					4		3	1	2	1	1	1	3		3	1	2	1		1		1	27	Kochi	
Niigata									1	2	1				1			4	1	1		1		1	13	Niigata	
Akita		1							1	1					1	1		1		1				1	8	Akita	
Kanagawa	3	5	4		3		7	6	4	3	3	3	3	6	1	2	2	3	1	4	6	1	5		75	Kanagawa	
Ehime	2	4	3					3	3	1		1	2	2	3		1		1	2		2			30	Ehime	
Fukushima	1	2	1				1		1	2	2				2		1	2			2				17	Fukushima	
Miyagi			2		1		2		2			3	2	1				1			2				16	Miyagi	
Okayama		1	3				1		3			1					1		2	2		1	1		16	Okayama	
Iwate	1		2				2	1	1			1	2		1	1									12	Iwate	
Nagasaki		1	1		1			1					2	1						1		1			9	Nagasaki	
Fukui	1		1		1		1		1						1						1				7	Fukui	
Nara	1		1		1									1					1				1		6	Nara	
Tottori										1				2									1	1		5	Tottori
Tokushima		1			1			1				1									1					5	Tokushima
Ishikawa	1								1																	2	Ishikawa
Kagawa																											Kagawa
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	109	2,851	total	

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