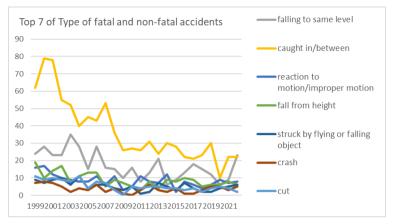
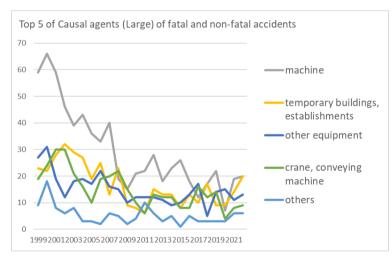
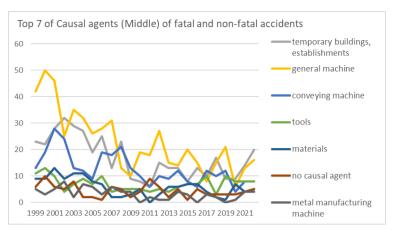
#### Transition of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



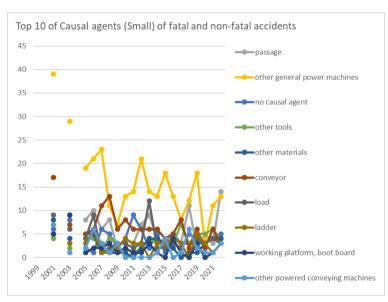
Transition of Top 7 of Type of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



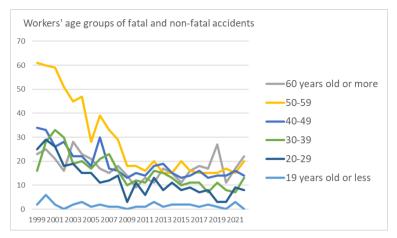
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



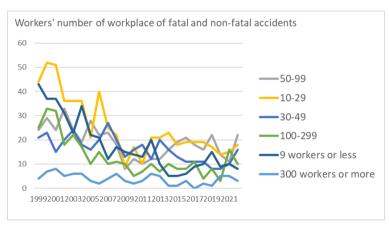
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



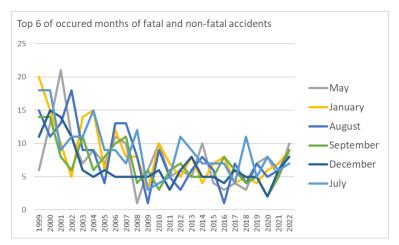
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



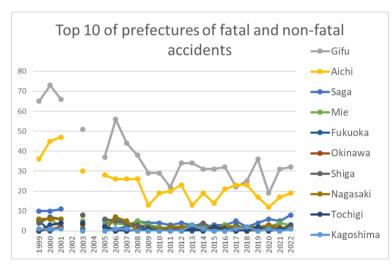
Transition of workers' age groups of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010903 pottery products in Japan (1999-2022)

#### Transition of Type of fatal and non-fatal accidents in 010903 pottery 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
falling to same level	24	28	23	23	35	28	15	28	16	15	10	16	8	13	21	6	9	13	18	15	12	6	9	23	414	falling to same level
caught in/between	62	79	78	55	52	40	45	43	53	36	26	27	26	31	24	30	28	22	21	23	30	10	22	22	885	caught

																										in/between
reaction to motion/improper motion	16	17	12	10	9	8	8	11	6	11	3	5	11	8	7	12	2	8	6	4	6	9	7	8	204	reaction to motion/improper motion
fall from height	19	10	14	17	7	11	13	13	5	9	7	5	3	8	4	9	8	10	9	5	6	6	8	6	212	fall from height
struck by flying or falling object	9	7	9	10	6	11	4	6	6	4	3	5	1	2	7	5	3	7	4	2	2	4	5	6	128	struck by flying or falling object
crash	7	8	7	5	2	4	3	6	2	4	1		3	6	3	2	4	1	1	3	5	5	3	5	90	crash
cut	11	9	10	9	8	11	4	8	7	3		5	4	5	5	4	4	3	4	2	4	5	4	2	131	cut
contact to high/low- temperature	2	6	2	3	2	3	2		1	2	1			1			3		3		2	3		2	38	contact to high/low- temperature
collapse	3	2	2	2	2	4	1	1		2		1	2		1		1	1		1			1	2	29	collapse
others			2			1	1																2	1	7	others
crashed by	6	11	6	7	6	2	3	3	4	5	5		2	3	2	2	2	1	1	7	2	4	4		88	crashed by
traffic accident (public road)	2	1			5	2					1	1		2				2			1				17	traffic accident (public road)
injury to the sole of the foot			2	1	1									1		1							2		8	injury to the sole
contact to harmful substance						2		1					1						1		1	1			7	contact to harmful substance
electric shock				1					1		1			1											4	electric shock
fire		1								2		1													4	fire
traffic accident																										traffic accident

(others)						3																			3	(others)
burst		1								1															2	burst
unclassifiable		1					1																		2	unclassifiable
explosion															1										1	explosion
drown																										drown
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010903 pottery 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	59	66	59	46	39	43	36	33	40	19	15	21	22	28	18	23	26	18	12	17	22	7	19	20	708	machine
temporary buildings, establishments	23	22	28	32	29	27	19	25	13	23	9	8	6	15	13	13	8	13	10	17	9	9	14	20	405	temporary buildings, establishments
other equipment	27	31	19	12	18	19	17	22	16	15	10	12	12	12	11	9	10	13	17	5	14	15	11	13	360	other equipment
crane, conveying machine	19	24	30	30	21	16	10	19	20	22	15	10	6	13	12	12	8	8	16	12	14	4	8	9	358	crane, conveying machine
others	9	18	8	6	8	3	3	2	6	5	2	4	10	6	3	5	1	5	3	3	3	3	6	6	128	others
substance, material	9	11	14	9	12	13	8	8	2	5	3	6		3	6	7	8	7	5	2	2	8	4	5	157	substance, material
load	13	9	9	8	6	8	5	11	2	3	4	3	2	3	12	2	2	3	2	5	5	5	5	3	130	load
environment	2				2	1	2		2	2		2	3	1			1	1	3	1	2	2		1	28	environment

total	161   181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total	
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Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010903 pottery 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
temporary buildings, establishments	23	22	28	32	29	27	19	25	13	23	9	8	6	15	13	13	8	13	10	17	9	9	14	20	405	temporary buildings, establishments
general machine	42	50	46	25	35	32	26	28	31	13	10	19	18	27	15	14	20	15	8	15	21	6	13	16	545	general machine
conveying machine	13	19	28	24	13	12	9	19	18	21	13	10	6	10	9	12	8	6	12	10	12	4	8	8	304	conveying machine
tools	11	13	10	4	7	9	7	10	4	5	5	5	4	5	4	6	7	7	10	3	10	8	8	8	170	tools
materials	9	9	13	9	11	11	8	7	2	2	3	5		3	6	6	7	7	4	2	1	7	4	5	141	materials
no causal agent	6	10	6	5	8	2	2	1	6	5	2	4	9	6	2	5	1	5	3	3	3	3	4	5	106	no causal agent
metal manufacturing machine	5	3	5	8	2	7	6	3	6	4	4		2	1	1	4	3		3	2		1	4	4	78	metal manufacturing machine
load	13	9	9	8	6	8	5	11	2	3	4	3	2	3	12	2	2	3	2	5	5	5	5	3	130	load
human power machine, tools	8	11	5	2	7	5	5	4	12	7	4	4	4	5	5	3	1	6	4	1	3	2	3	3	114	human power machine, tools
other equipments,	7	5	1	6	3	3	3	8		2	1	2	2	1	1		2		2	1	1	5		2	58	other equipments, facilities

crane	4	3	1	4	3	1	1		1		1			1	3			1	4	2	1			1	32	crane
natural environment	2				2	1	2		2	2		2	3	1			1	1	3	1	2	2		1	28	natural environment
other causal agent	3	6	2			1							1		1								2	1	17	other causal agent
power transmission mechanism	10	12	6	10	1	2	2	1	3	2	1	1			2	4	2						1			power transmission mechanism
vehicle	2	2	1	2	5	3			1	1	1			2				1			1				22	vehicle
woodworking machine	1	1	2	2	1	1	2	1				1	2			1	1	2	1		1				20	woodworking machine
hazards, harmful substances		2	1		1	2		1		3		1				1	1		1		1	1			16	hazards, harmful substances
kiln, caldron		1	2		1	2	2			1		1	2		1										13	kiln, caldron
construction machine	1			1		1												1					1		5	construction machine
unclassifiable		2		1			1	1																	5	unclassifiable
electric equipment	1	1												1					1						4	electric equipment
welding equipment			1																						1	welding equipment
engine																										engine
mobile silviculture machine																										mobile silviculture

																										machine
pressure vessel																										pressure vessel
chemical facilities																										chemical facilities
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

# Transition of Causal agents (Small) of fatal and non-fatal accidents in 010903 pottery products 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			17		9		8	10	6	8	2	4	3	7	9	4	3	5	3	11	2	5	3	14	133	passage
other general power machines			39		29		19	21	23	11	7	13	14	21	14	13	18	13	8	12	18	3	11	13	320	other general power machines
no causal agent			6		8		2	1	6	5	2	4	9	6	2	5	1	5	3	3	3	3	4	5	83	no causal agent
other tools			4		2		4	4	2	4	3		1	2	4	3	4	3	7	3	5	5	6	4	70	other tools
other materials			8		4		5	5	1	1	1	1		2	4	4	3	2		1	1	3	4	4	54	other materials
conveyor			17		7		5	6	11	13	6	8	6	6	6	6	4	5	8	2	6	2	6	3	133	conveyor
load			9		6		4	9	1	2	3	3	2	3	12	2	2	3	2	5	4	3	4	3	82	load
ladder			5		3		3	6	1	1	2	4	3	3		3	3	4	3		5	3	1	3	56	ladder
working platform, boot board			5		9		1	2	2	3	1	2	1	1	3	1		4	1		3		1	3	43	working platform, boot board
other powered conveying machines			7		1		2	6	3	1	3					1	4		1	6	2	1	1	3	42	other powered conveying machines
human power hauling equipment			3		4		4	3	10	5	4	3	4	5	4	3	1	5	2	1	2	2	3	2	70	human power hauling equipment
other equipment,			1		3		3	8		2	1	2	2	1	1		2		2	1	1	5		2	37	other equipment,

	 <u> </u>		 	 			<u> </u>					<u> </u>				<u> </u>							
other temporary buildings, establishments		2	2	2	4		2	1					2	1	1	1	1	1	2	2	2		other temporary buildings, establishments
injection molding		2				1			2	3	1	1		2	1				2	1	2	18	injection molding
power press		4	1				2	3		1			2	1			1				2	17	power press
stairs, landing stage		2	5	5	5	2	4	4	1		5		2	2	1	3	2	1		3	1	48	stairs, landing stage
forklift		1	3	1	3	2	6	3	1		2	3	3		1	3	2	3	1	1	1	40	forklift
truck		1	2		2	2	1	1	1		2							1			1	14	truck
lathe				3	1	3		1		1	1		1			1					1	13	lathe
other metal manufacturing machines		1	1	1			1						1	1						3	1		other metal manufacturing machines
stone, sand, substance		1	2	1	1		1	1					1			1					1	10	stone, sand, substance
other environments			1	1					1	2					1	2					1	9	other environments
slinging tool		1	2			1			1											1	1	7	slinging tool
other causal agent		2								1		1								2	1	7	other causal agent
industrial robot			1			2		1												1	1	6	industrial robot
other powered crane						1										1					1	3	other powered
human power																					1	1	human power
building,		1	2	1	4	2	6		1	1	2		3	1	1	1	2	2	2	2		34	building,

establishment																						establishment
mixer, grinder		3	2	6	7	4	2	2	1		1		1		1		3				33	mixer, grinder
metal material		2	3	1	1	1		1	3		1	2	1	4	4	2	1		2		29	metal material
power transmission mechanism		6	1	2	1	3	2	1	1			2	4	2						1	26	power transmission mechanism
hand tool		2	3	1	1	2	2					1			1	2		1			16	hand tool
grinding machine, buffing machine				2	2	3	1					1				2	1		1	1	14	grinding machine, buffing machine
roof, beam, haze, crossbeam, principal rafter		1	1	2				1		1			1	1	1	1	1			3	14	roof, beam, haze, crossbeam, principal rafter
roll machine (except printingroll machine)		2	1	1		1			2	1	3							2			13	roll machine (except printingroll machine)
cars, bus, motorcycle		1	5			1	1	1			2				1			1			13	cars, bus, motorcycle
elevator, lift			3	1							1	3			1	1					10	elevator, lift
lumber, bamboo		2	2	1					1						1	1			2		10	lumber, bamboo
machine/equipment as load				1	2	1	1	1										1	2	1	10	machine/equipment
high/cold temperature environment						1	2							1		1		2	2		9	high/cold temperature environment
circular sawing machine		1	1	1						1			1	1	1			1			8	circular sawing machine

crane		1						1								2	2	1			7	crane
kiln, caldron		2		1					1	2		1									7	kiln, caldron
printing machine			2						1		1							1	1		6	printing machine
railway equipment		1		1	2								1								5	railway equipment
other woodworking machines		1			1				1						1						4	other woodworking machines
other hazards, harmful substances		1			1													1	1		4	other hazards, harmful substances
natural ground, rock				1		1			1	1											4	natural ground, rock
inflammable gas			1				2														3	inflammable gas
chain saw										1						1					2	chain saw
loader		1											1								2	loader
industrial dryer			1				1														2	industrial dryer
opening			1									1									2	opening
inflammable substance									1					1							2	inflammable substance
harmful substance													1			1					2	harmful substance
unclassifiable				1	1																2	unclassifiable
chamfering machine, router, woodworking milling machine				1																	1	chamfering machine, router, woodworking milling machine
leveling, transporting or																				1	1	leveling, transporting or

loading machine																	loading machine
demolition machine											1					1	demolition machine
shearing machine										1						1	shearing machine
arc welding equipment		1														1	arc welding equipment
other kiln, caldron				1												1	other kiln, caldron
transmission												1				1	transmission
other electrical equipment								1								1	other electrical equipment
human power machine							1									1	human power
scaffolding					1											1	scaffolding
explosive substance						1										1	explosive substance
standing tree			1													1	standing tree
water								1								1	water
abnormal environment													1			1	abnormal environment
engine																	engine
band sawing machine																	band sawing machine
wood planer machine																	wood planer machine
hollow chisel mortiser, wood																	hollow chisel mortiser, wood

borer												borer
excavating machine												excavating machine
foundation work machine												foundation work
hardening machine												hardening machine
vehicle for high lift work												vehicle for high lift work
other construction machines												other construction machines
drill press, milling machine												drill press, milling machine
forging pressure hammer												forging pressure hammer
centrifugal machine												centrifugal machine
food manufacturing machine												food manufacturing machine
felling machine												felling machine
mobile logging machine												mobile logging machine
skyline yarding machine												skyline yarding machine
other mobile silviculture machine												other mobile silviculture machine
mobile crane												mobile crane
derrick crane												derrick crane

cargo lifting appliance													cargo lifting appliance
gondola													gondola
lumberyard													lumberyard
equipment, logging													equipment, logging
cableway													cableway
simple skyline													simple skyline
yarding equipment													yarding equipment
straddle carrier													straddle carrier
rough terrain hauler													rough terrain hauler
railway vehicle													railway vehicle
other vehicles													other vehicles
boiler													boiler
pressure vessel													pressure vessel
other pressure													other pressure
vessels													vessels
chemical facilities													chemical facilities
gas welding													gas welding
equipment													equipment
other welding													other welding
equipment													equipment
electric power													electric power
facilities	 												facilities
timbering													timbering

radiation																										radiation
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

Transition of workers' age groups of fatal and non-fatal accidents in 010903 pottery 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
60 years old or	23	25	21	16	28	23	21	17	15	18	14	9	13	11	17	15	11	16	18	17	27	11	17	22	425	60 years old or
more	23	23	21		20	23	21	17		10	14	9		11		13			10		21			22	423	more
50-59	61	60	59	51	45	47	28	39	33	29	18	18	16	20	15	15	20	16	15	15	15	17	15	20	687	50-59
40-49	34	33	26	28	22	22	18	30	17	16	13	15	14	18	19	15	13	14	16	13	14	14	16	14	454	40-49
30-39	16	28	33	30	19	20	17	21	23	16	10	12	11	16	15	13	10	11	11	7	11	8	7	13	378	30-39
20-29	25	29	26	18	19	15	15	11	12	14	3	11	6	13	8	11	8	9	7	8	3	3	9	8	291	20-29
19 years old or less	2	6	2		2	3	1	2	1	1		1	1	3	1	2	2	2	1	2	1		3		39	19 years old or less
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010903 pottery 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
50-99	24	29	24	33	24	19	28	22	23	18	8	12	10	12	12	16	19	21	18	16	22	14	11	22	457	50-99
10-29	44	52	51	36	36	36	21	40	25	22	9	17	10	21	21	23	18	19	19	19	17	14	15	18	603	10-29
30-49	21	23	15	20	24	18	16	20	27	20	13	16	18	12	20	16	13	11	11	11	8	8	10	16	387	30-49
100-299	25	33	32	18	22	17	10	15	10	11	10	5	7	10	7	10	8	8	11	4	8	3	16	10	310	100-299
9 workers or less	43	37	37	31	23	34	22	21	12	17	15	14	13	20	10	5	5	6	9	10	15	9	10	8	426	9 workers or less
300 workers or	4	7	8	5	6	6	3	2	4	6	3	2	2	6	5	1	1	2		2	1	5	5	3	91	300 workers or
more									<b>T</b>	0						•					•				91	more
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

### Transition of occured months of fatal and non-fatal accidents in 010903 pottery 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
May	6	13	21	11	7	9	7	11	10	1	6	10	5	6	5	10	4	3	4	3	7	8	5	10	182	May
January	20	15	10	5	14	15	6	12	8	8	3	10	7	5	8	4	7	8	4	5	4	6	7	9	200	January
August	15	11	13	18	9	9	4	13	13	8	1	9	5	3	6	8	6	1	7	4	7	5	6	9	190	August
September	14	14	8	6	11	6	8	10	11	4	6	3	6	7	5	5	5	8	6	4	5	2	5	9	168	September
December	11	15	14	11	6	5	6	5	5	5	5	6	3	6	8	5	5	4	6	5	5	2	6	8	157	December
July	18	18	9	11	11	15	9	9	7	12	3	4	5	11	9	7	7	7	4	11	5	8	6	7	213	July
November	15	13	11	12	13	12	8	7	10	5	6	4		5	7	5	6	7	7	7	7	5	4	7	183	November
March	16	16	17	14	15	16	9	13	5	6	9	6	7	6	3	5	6	4	7	4	6	3	5	6	204	March
October	11	17	24	19	12	14	10	12	13	8	2	3	8	8	6	5	4	7	5	3	3	3	7	4	208	October
February	8	25	13	12	15	7	12	10	2	13	6	1	2	11	6	9	5	9	8	6	9	2	4	4	199	February
April	11	12	15	17	12	14	10	10	11	13	5	4	4	8	8	5	6	5	4	4	6	7	5	2	198	April
June	16	12	12	7	10	8	11	8	6	11	6	6	9	5	4	3	3	5	6	6	7	2	7	2	172	June
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

## Transition of prefectures of fatal and non-fatal accidents in 010903 pottery 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
Gifu	65	73	66		51		37	56	44	38	29	29	22	34	34	31	31	32	22	25	36	19	31	32	837	Gifu
Aichi	36	45	47		30		28	26	26	26	13	19	20	23	13	19	14	21	23	23	17	12	17	19	517	Aichi
Saga	10	10	11		8		3	7	3	5	4	4	3	4	3	2	3	3	5	2	4	6	5	8	113	Saga
Mie	6	6	2		5		5	4	3	5	3	2	1	2	3	3	1	3	2		2	2	4	3	67	Mie
Fukuoka	5		2		1		2	1	2	3			1			1			2	2	1	1	1	3	28	Fukuoka

Okinawa		1	2	3	2			1					1	1	1					1		2	15	Okinawa
Shiga	4	7	6	8	6	5	4	3	2	1	2	1	2	4	1		3	1		3		1	64	Shiga
Nagasaki	6	6	6	3		7	5		1	1	2	2	2	1	2	2	2	2	2	3	2	1	58	Nagasaki
Tochigi		3	4	4	2				1				1		2	1			2		1	1	22	Tochigi
Kagoshima	1	1	1			1	1						3	1			1	2		1		1	14	Kagoshima
Yamaguchi	2		1	1				1		1					1		1	1				1	10	Yamaguch
Kanagawa	2			1				1					1		1			1				1	8	Kanagawa
Nagano	1	1											1	2			1				1	1	8	Nagano
Hyogo	1				2			1						1							1	1	7	Hyogo
Niigata											1	2				1						1	5	Niigata
Nara															1						2	1	4	Nara
Osaka	5	4		2				2	1	1		4	1			1	2			1			24	Osaka
Oita		2	1	5	5	1	2	1		2	1		1	1						1			23	Oita
Fukushima		1	2			1	2	4		1	1	1	1		1				1		2		18	Fukushima
Ishikawa	1	2	2		3	1	1	1		1	1		1	1		2	1						18	Ishikawa
Miyazaki	2		2			1	2	2				1	3						1				14	Miyazaki
Kyoto	2	3		2		1			1			2		1	1								13	Kyoto
Ehime		2	3	1		1	2		1														10	Ehime
Hokkaido	2		2	1	1	1						1							1				9	Hokkaido
Okayama	1	1	2	4							1												9	Okayama
Saitama	1		1	1			1			1			1				1			1			8	Saitama
Shizuoka	1	2										1		1	1	1				1			8	Shizuoka
Kumamoto	1			1	1					1	1				1	1			1				8	Kumamoto

Chiba		3	1					1			1	1													7	Chiba
Shimane		2	1					2	1						1										7	Shimane
Aomori	1				1		1												1		1				5	Aomori
Miyagi													1	1						2		1			5	Miyagi
Gunma			1					1									1		1		1				5	Gunma
Toyama	2						1		2																5	Toyama
Wakayama							1						1	1	1	1									5	Wakayama
Kagawa		2			1			1												1					5	Kagawa
Ibaraki		2			1										1										4	Ibaraki
Fukui		1	1								1														3	Fukui
Tottori								1					2												3	Tottori
lwate	1											1													2	lwate
Yamagata	1																1								2	Yamagata
Kochi	1	1																							2	Kochi
Akita														1											1	Akita
Hiroshima																					1				1	Hiroshima
Tokyo																										Tokyo
Yamanashi																										Yamanashi
Tokushima																										Tokushima
total	161	181	167	143	135	130	100	120	101	94	58	66	61	81	75	71	64	68	68	62	71	53	67	77	2,274	total

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