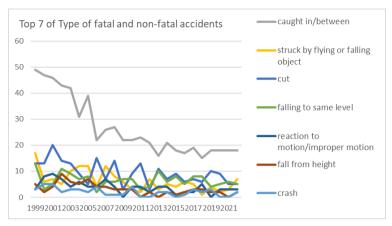
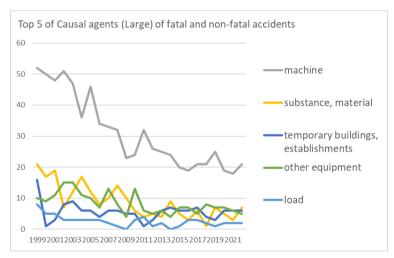
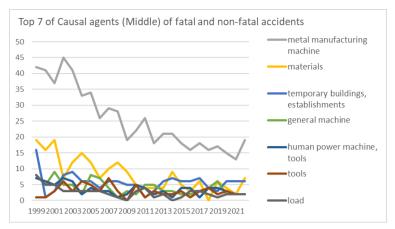
Transition of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



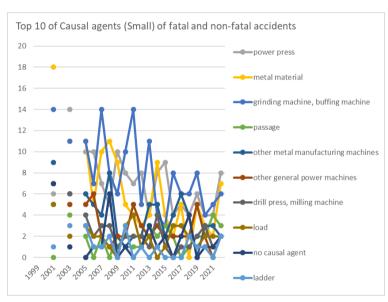
Transition of Top 7 of Type of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



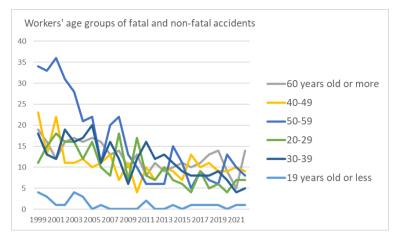
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



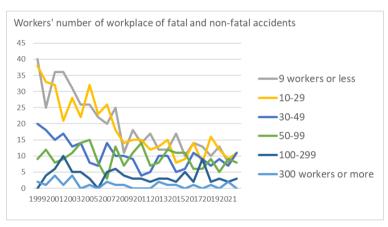
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



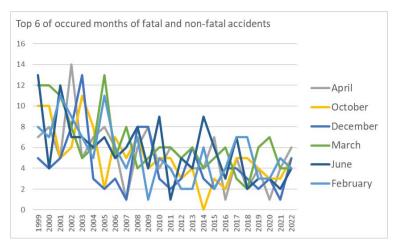
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



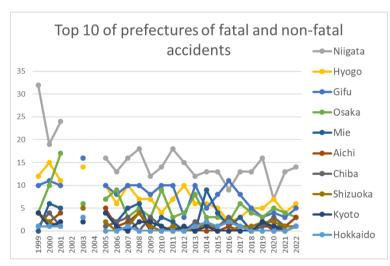
Transition of workers' age groups of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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	49	47	46	43	42	31	39	22	26	27	22	22	23	21	16	21	18	17	19	15	18	18	18	18	638	caught
																										in/between
struck by flying or	17	6	7	5	10	12	12	4	12	8	6	3	2	7	3	5	4	6	5	1	4	2	3	7	151	struck by flying

falling object																										or falling object
cut	13	13	20	14	13	9	5	15	7	14	3	9	13	3	11	7	9	6	7	6	10	9	5	5	226	cut
falling to same level	13	3	5	11	9	7	8	2	6	6	7	7	3	4	10	6	8	5	8	8	4	5	6	5	156	falling to same
reaction to motion/improper motion	3	8	9	7	4	6	4	4	7	4		4	4	2	4	4	1	2	2	5		3	3	3	93	reaction to motion/improper motion
fall from height	5	2	4	9	6	5	7	4	4	3	3	3		2		2	1	2	3	3	2	2		2	74	fall from height
crash	3	5	5	2	3	3	2	4	1	1	1	4			2	2		1	3	2	3			2	49	crash
collapse	3	3	1	3	2	3	2	1	2	2	2	2					1		1	2	1			1	32	collapse
traffic accident (public						1	2					1			1	4		2				1		1	13	traffic accident (public road)
crashed by	2	2	3		1	1	4	2	3	6	1		3	2	1		1			2			1		35	crashed by
contact to high/low- temperature	1	2	1		2	3		1	1					2							2	1			16	contact to high/low- temperature
contact to harmful substance										2	1									1		1	1		6	contact to harmful substance
others		1							1		1						1				1				5	others
injury to the sole of the foot		1						1																	2	injury to the sole of the foot
drown													2												2	drown
electric shock																2									2	electric shock
explosion												1													1	explosion

burst																										burst
fire																										fire
traffic accident																										traffic accident
(others)																										(others)
unclassifiable																										unclassifiable
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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)
machine	52	50	48	51	47	36	46	34	33	32	23	24	32	26	25	24	20	19	21	21	25	19	18	21	747	machine
substance, material	21	17	19	7	12	17	12	8	10	14	10	6	4	5	4	9	5	3	6	1	7	5	3	7	212	substance, material
temporary buildings, establishments	16	1	3	8	9	6	6	4	6	6	5	5	1	3	6	7	6	6	7	4	3	6	6	6	136	temporary buildings, establishments
other equipment	10	9	11	15	15	11	10	7	13	8	4	13	6	5	6	4	7	7	5	8	7	7	6	5	199	other equipment
load	8	5	5	3	3	3	3	3	2	1		3	4	1	2		1	3	3	2	1	2	2	2	62	load
others	1	8	8	2	2	3	1	1	1	6	1	1		1	3	1	3		2	5	1	1	1	2	55	others
crane, conveying machine	1	3	7	8	4	5	7	3	5	6	4	4	1	1	2	8	2	3	3	2	1	2	1	1	84	crane, conveying machine
environment													2	1					1	2					6	environment
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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)
metal manufacturing machine	42	41	37	45	41	33	34	26	29	28	19	22	26	18	21	21	18	16	18	16	17	15	13	19	615	metal manufacturing machine
materials	19	16	19	7	12	15	12	7	10	12	9	5	4	4	4	9	5	3	6		6	4	2	7	197	materials
temporary buildings, establishments	16	1	3	8	9	6	6	4	6	6	5	5	1	3	6	7	6	6	7	4	3	6	6	6	136	temporary buildings, establishments
general machine	8	5	9	5	5	2	8	7	4	1	3	2	5	5	3	3	2	2	3	4	6	2	2	2	98	general machine
human power machine, tools	7	6	5	7	6	2	4	3	3	1	2	5	4	2	3	1	4	4	1	4	4	3	2	2	85	human power
tools	1	1	3	6	3	6	5	3	7	3		5	1	3	2	2	3	1	3	4	2	3	2	2	71	tools
load	8	5	5	3	3	3	3	3	2	1		3	4	1	2		1	3	3	2	1	2	2	2	62	load
no causal agent	1	5	7	2	1	3		1	1	6		1		1	3	1	2		2	4		1	1	2	45	no causal agent
vehicle			1		1	1	1	1				2			1	4		2						1	15	vehicle
welding equipment	2	1	1	2	1	1	1		1			1			1				1				1	1	15	welding equipment
conveying machine	1	2	4	6	1	3	4	2	1	2	2	2				2	2	1	2	2		1			40	conveying machine
crane		1	2	2	2	1	2		4	4	2		1	1	1	2			1		1	1	1		29	crane

other equipments,			1		3	1		1	1	4	2	2	1					1			1		1	19	other equipments, facilities
power transmission mechanism	1	2					3			2	1			2	1			1		1		1	2	17	power transmission mechanism
hazards, harmful substances	2	1				2		1		2	1	1		1						1	1	1	1	15	hazards, harmful substances
woodworking machine	1	2	2			1	1	1		1			1	1							1	1	1	14	woodworking machine
other causal agent		3	1		1		1				1						1			1	1			10	other causal
natural environment													2	1					1	2				6	natural environment
pressure vessel					1	1												1						3	pressure vessel
kiln, caldron		1			1																	1		3	kiln, caldron
electric equipment			1						1							1								3	electric equipment
engine				1	1																			2	engine
construction machine																					1			1	construction machine
mobile silviculture machine																									mobile silviculture machine

chemical facilities																										chemical
Chemical facilities																										facilities
unclassifiable																										unclassifiable
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 011201 western tableware/cutting tool products in Japan (1999-2022)

6 1(6)	4000	2000	2025	2025	2025	202	2025	2025	2000	2025	2025	2011	2011	2015	2015	264	2015	2611	201	2015	2011	2025	2025	2025		C 1(5)
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
power press			6		14		10	10	7	5	10	8	7	8	4	8	9	4	5	4	6	4	4	8	141	power press
metal material			18		11		11	5	10	11	9	5	4	3	4	9	4	2	5		5	3	2	7	128	metal material
grinding machine,			14		11		11	7	14	8	6	10	14	5	11	4	3	8	6	6	8	4	5	6	161	grinding machine,
buffing machine			14		11		11	,	14	0	О	10	14	5	11	4	3	8	О	О	0	4	5	О	101	buffing machine
passage					4		2		2		2	1	1	1	3	2	3	2		1	2	2	4	3	35	passage
other metal																										other metal
manufacturing			9		6		6	5	4	8	2	1	2	2	5	5	2	4	6	4		3	3	2	79	manufacturing
machines																										machines
other general					5		5	6	2	1	2	2	5	3	2	3	2	2	2	2	5	2		2	60	other general
power machines					5		5	0	2		2	2	5	3	2	3	2		2	2	5	2		2		power machines
drill press, milling			5				4	_	2		1				1	4						_	1		46	drill press, milling
machine)		6		4	2	3	3		2	2	2		4					2	3		2	40	machine
load			5		2		3	2	2	1		3	4	1	2		1	3	3	2	1	2	2	2	41	load
no causal agent			7		1			1	1	6		1		1	3	1	2		2	4		1	1	2	34	no causal agent
ladder			1		3		3	1	1	2		3		1		1				2	1	1		2	22	ladder
hand tool			5		5		2	2	2	1	2	3	4	2	3	1	3	3	1	3	3	3	2	1	51	hand tool
working platform,			2				2		1	4	1				1	1	3		2	2		1	1	1	22	working platform,
boot board			2						'	4							٥		2	2				1	22	boot board

other temporary buildings, establishments		1	2	2	1	1	1		2				3		1	2	1		2	1	1	21	other temporary buildings, establishments
cars, bus, motorcycle		1	1	1	1				2			1	4		2						1	14	cars, bus, motorcycle
stairs, landing stage			1		1	1	1	2	1				1		2	2					1	13	stairs, landing stage
other welding equipment		1	1	1		1			1			1				1				1	1	9	other welding equipment
shearing machine						1				1	1						1				1	5	shearing machine
human power machine			1																		1	2	human power
other tools		1		1	1	5	1		1	1	2			2	1	2	2	1	2	2		25	other tools
crane		2	1	2		2	4	1			1	1	2			1			1	1		19	crane
lathe		3	4	1	1		4		1					3					1			18	lathe
other equipment,		1	3		1	1	4	2	2	1					1			1		1		18	other equipment,
roll machine (except printingroll machine)		2		2		1		1			2	1				1	2	1		2		15	roll machine (except printingroll machine)
power transmission mechanism				3			2	1			2	1			1		1		1	2		14	power transmission mechanism
forklift		2	1	1	2		2	1					1	2		1	1					14	forklift
building, establishment			2		2	1			1		1	2			1	1		1	1			13	building, establishment
human power																							human power

hauling equipment				2	1	1			2					1	1		1	1			10	hauling equipment
slinging tool		1		1	1	1			1			2	1	1		1					10	slinging tool
truck				1				1	2						1	1			1		7	truck
other materials		1		1			1				1					1		1	1		7	other materials
other causal agent		1	1	1				1						1			1	1			7	other causal agent
conveyor		1		2		1							1				1				6	conveyor
circular sawing machine		2			1		1				1										5	circular sawing machine
other woodworking machines				1						1								1	1	1	5	other woodworking machines
other hazards, harmful substances					1		2	1											1		5	other hazards, harmful substances
lumber, bamboo			1		2									1	1						5	lumber, bamboo
forging pressure hammer				2	1													1			4	forging pressure hammer
other powered crane						1		1		1											3	other powered crane
inflammable substance											1							1		1	3	inflammable substance
other environments																1	2				3	other environments
mobile crane			1															1			2	mobile crane
other pressure vessels			1												1						2	other pressure vessels
kiln, caldron			1																1		2	kiln, caldron

electric power		1				1										2	electric power
facilities																	facilities
machine/equipment			1		1											2	machine/equipment
as load																	as load
water									2							2	water
engine			1													1	engine
vehicle for high lift work														1		1	vehicle for high lift work
injection molding						1										1	injection molding
food manufacturing machine				1												1	food manufacturing machine
industrial robot					1											1	industrial robot
elevator, lift						1										1	elevator, lift
other powered conveying machines		1														1	other powered conveying machines
transmission											1					1	transmission
scaffolding										1						1	scaffolding
inflammable gas								1								1	inflammable gas
harmful substance													1			1	harmful substance
high/cold																	high/cold
temperature										1						1	temperature
environment																	environment
band sawing																	band sawing
machine																	machine

	ı——							1						I
wood planer														wood planer
machine														machine
hollow chisel														hollow chisel
mortiser, wood														mortiser, wood
borer														borer
chamfering														chamfering
machine, router,														machine, router,
woodworking														woodworking
milling machine														milling machine
chain saw														chain saw
leveling,														leveling,
transporting or														transporting or
loading machine														loading machine
excavating machine														excavating machine
foundation work														foundation work
machine														machine
hardening machine														hardening machine
demolition machine														demolition machine
other construction														other construction
machines														machines
centrifugal machine														centrifugal machine
mixer, grinder														mixer, grinder
printing machine														printing machine
felling machine														felling machine
mobile logging														mobile logging

machine													machine
skyline yarding													skyline yarding
machine													machine
other mobile													other mobile
silviculture machine													silviculture machine
derrick crane													derrick crane
cargo lifting													cargo lifting
appliance													appliance
gondola													gondola
lumberyard													lumberyard
equipment, logging													equipment, logging
cableway													cableway
simple skyline													simple skyline
yarding equipment													yarding equipment
railway equipment													railway equipment
loader													loader
straddle carrier													straddle carrier
rough terrain hauler													rough terrain hauler
railway vehicle													railway vehicle
other vehicles													other vehicles
boiler													boiler
pressure vessel													pressure vessel
chemical facilities													chemical facilities
gas welding													gas welding

equipment																										equipment
arc welding																										arc welding
equipment																										equipment
industrial dryer																										industrial dryer
other kiln, caldron																										other kiln, caldron
other electrical																										other electrical
equipment																										equipment
human power																										human power
cranes																										cranes
timbering																										timbering
opening																										opening
roof, beam, haze,																										roof, beam, haze,
crossbeam,																										crossbeam,
principal rafter																										principal rafter
explosive substance																										explosive substance
radiation																										radiation
stone, sand,																										stone, sand,
substance																										substance
natural ground,																										natural ground,
rock																										rock
standing tree																										standing tree
abnormal																										abnormal
environment																										environment
unclassifiable																										unclassifiable
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of workers' age groups of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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 more	19	16	12	16	17	16	17	16	13	14	10	13	8	11	9	10	11	10	11	13	14	9	5	14	304	60 years old or more
40-49	23	13	22	11	11	12	10	11	13	7	11	4	10	7	10	9	7	13	10	11	9	9	10	9	262	40-49
50-59	34	33	36	31	28	21	22	11	20	22	13	10	6	6	6	15	11	5	9	7	6	13	10	8	383	50-59
20-29	11	15	18	16	16	12	16	10	8	18	7	17	8	7	10	7	6	4	9	5	6	4	7	7	244	20-29
30-39	18	13	12	19	16	17	20	11	16	12	6	12	16	12	13	11	9	8	8	8	9	7	4	5	282	30-39
19 years old or less	4	3	1	1	4	3		1					2			1		1	1	1	1		1	1	26	19 years old or less
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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
9 workers or less	40	25	36	36	31	26	26	22	20	25	11	18	14	17	12	12	17	10	14	13	10	13	8	11	467	9 workers or less
10-29	38	33	32	21	28	22	32	23	26	18	14	15	15	12	13	15	8	9	14	8	16	12	9	11	444	10-29
30-49	20	18	15	17	13	14	8	7	14	10	10	9	4	5	10	10	5	6	11	9	7	9	7	11	249	30-49
50-99	9	12	8	9	11	14	15	8	3	13	7	11	14	7	8	12	11	11	6	6	9	5	9	8	226	50-99
100-299		4	6	10	5	5	3		5	6	4	3	3	2	3	3	2	5	2	9	2	3	2	3	90	100-299
300 workers or	2	1	4	1	4		1		2	1	1				2	1	1		1		1		2		25	300 workers or
more				l'	<u> </u>					•	•						Ľ		Ľ		•					more
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of occured months of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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
April	7	8	5	14	5	7	8	6	1	6	8	4	6	5	4	4	7	1	5	2	4	1	4	6	128	April
October	10	10	5	6	11	8	2	7	5	7	4	5	5	3	4		3	2	5	5	4	3	3	5	122	October
December	5	4	5	8	13	3	2	3	1	8	8	3	2	3	6	3	2	4	4	3	2	3	1	5	101	December
March	12	12	11	8	5	6	13	5	8	4	5	6	6	5	6	4	5	6	3	2	6	7	4	4	153	March
June	13	4	12	7	7	6	7	5	6	8	4	9	1	5	4	9	6	3	7	2	3	3	2	4	137	June
February	8	7	11	9	7	5	11	6	4	7	1	5	4	2	2	6	2	4	7	7	3	3	5	4	130	February
August	11	10	7	7	9	8	4	3	9	5	4	2	10	4	4	4	4	3	2	4		4	6	4	128	August
May	7	10	9	9	8	6	10	9	5	7	3	1	3	1	4	3	4	4	4	6	3	1		4	121	May
July	8	6	12	5	6	14	4	4	11	3	2	9	3	7	4	7	5	4	3	5	9	4	3	3	141	July
November	11	8	7	7	8	5	5	6	8	8	2	4	3	4	6	4	1	2	4	2	3	3	3	2	116	November
September	5	9	8	9	6	3	6	5	4	6	2	4			3	5	2	6		5	2	4	2	2	98	September
January	12	5	9	5	7	10	13	1	8	4	4	4	7	4	1	4	3	2	4	2	6	6	4	1	126	January
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

Transition of prefectures of fatal and non-fatal accidents in 011201 western tableware/cutting tool 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
Niigata	32	19	24		16		16	13	16	18	12	14	18	15	12	13	13	9	13	13	16	7	13	14	336	Niigata
Hyogo	12	15	11		14		10	6	10	7	7	4	7	10	6	6	5	2	3	5	5	7	4	6	162	Hyogo
Gifu	10	11	10		16		10	8	10	10	8	10	10	3	10	5	8	11	8	5	3	4	3	5	178	Gifu
Osaka	4	10	17		6		7	9	3	5	3	9	3	4	8	3	3	2	6	4	3	5	4	3	121	Osaka
Mie		6	5		5		4	2	5	6		3	2			9	4	1	3		1	1	1	3	61	Mie
Aichi	4	2	4		2		5	1	2	4			1					1			2		1	3	32	Aichi
Chiba	1	4	1		3		1	2	3		3	1			2	1	1	3	1		1	3	1	1	33	Chiba

Shizuoka	4	2	1		5	2		1	4	1		1			2			1	1	2	2	1	1	31	Shizuoka
Kyoto	4	1	2		2	4	1		2	2	1		1		1					2	1		1	25	Kyoto
Hokkaido	1	1	1		3			1						1	2	1	2	1					1	15	Hokkaido
Gunma	1		2		1			1	1	1			1	2						1		1	1	13	Gunma
Nara	2		1	ĺ	1	1	1			1	1				1	1			1	1			1	13	Nara
Tochigi	1		1		3										1	1		1			1	1	1	11	Tochigi
Saga		2	1		1					2			1		2				1				1	11	Saga
Miyazaki					1	1				1	1	1		1			2				1		1	10	Miyazaki
Fukui	2		1		2				1													1	1	8	Fukui
Tokyo	4	4	3			7	1	1	2	2	2		1	1		1	2		2	2	1	2		38	Tokyo
Hiroshima	5	3	4			1	1	2	3	1				2			1	2		1	2	1		29	Hiroshima
Miyagi			1		1	1		2	4		1	2			1		1		1	1	1			17	Miyagi
Fukuoka	4	4	2		1	1		1					1		2					1				17	Fukuoka
Saitama		2	1		2	3		4	1		1							1	1					16	Saitama
Kochi	3	1	1		1	1		1				1			1			2	2			1		15	Kochi
Toyama	2	1	1		2					1			2			2								11	Toyama
Ibaraki		1	2				2		1			1		1					1	1				10	lbaraki
Yamanashi	2	1			3								2							1	1			10	Yamanashi
Okayama	2						1	1	1			1			1		1	1						9	Okayama
Kagoshima							1	1	1		2	1					1		1		1			9	Kagoshima
Fukushima							1			1	1					1		2	1		1			8	Fukushima
Kanagawa	1					2	3				1										1			8	Kanagawa
Nagano						1	1		1							1			3					7	Nagano
																			i						

Yamagata			1									2		1			1			1					6	Yamagata
Kagawa	1		1										1	1				1		1					6	Kagawa
Oita		1					2	1	1							1									6	Oita
Shiga	1	1													2	1									5	Shiga
Yamaguchi	1				1			1		1		1													5	Yamaguchi
Ehime			2				2											1							5	Ehime
Okinawa	2																1		1		1				5	Okinawa
Shimane	1						1															2			4	Shimane
Nagasaki								1			1	1											1		4	Nagasaki
Tottori	1								2																3	Tottori
Tokushima									1											1			1		3	Tokushima
Kumamoto							1	2																	3	Kumamoto
lwate							1												1						2	lwate
Ishikawa								1	1																2	Ishikawa
Wakayama	1	1																							2	Wakayama
Aomori																			1						1	Aomori
Akita																										Akita
total	109	93	101	94	92	81	85	60	70	73	47	56	50	43	48	53	44	41	48	45	45	42	37	44	1,501	total

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