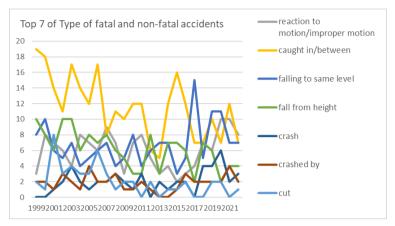
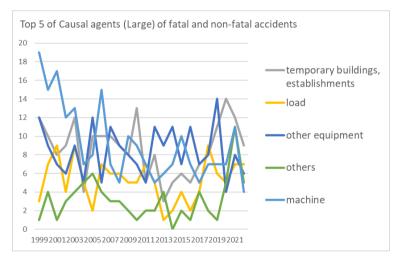
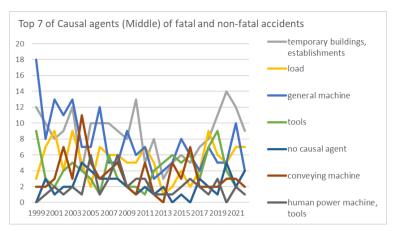
Transition of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



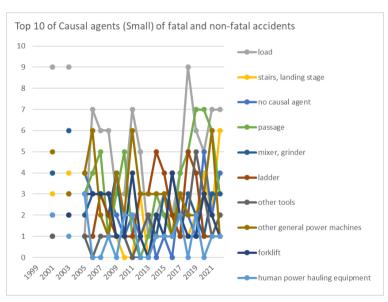
Transition of Top 7 of Type of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



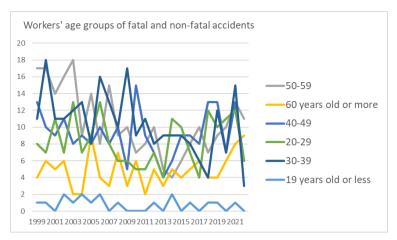
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



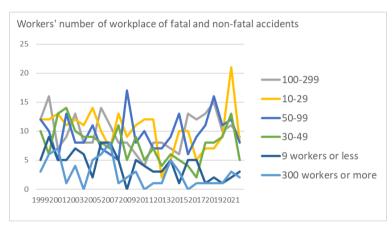
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



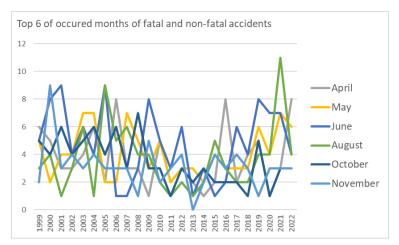
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



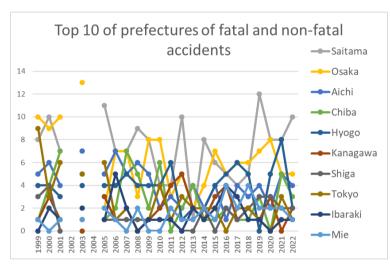
Transition of workers' age groups of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010808 painting products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010808 painting 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
reaction to																										reaction to
motion/improper	3	8	7	6	4	8	7	6	9	7	3	7	8	5	3	4	2	3	4	7	6	10	10	8	145	motion/improper
motion																										motion

caught in/between	19	18	14	11	17	14	12	17	8	11	10	12	12	6	5	12	16	12	7	7	10	7	12	7	276	caught in/between
falling to same level	8	10	6	5	7	4	5	6	7	4	5	8	4	6	7	7	3	5	15	5	11	11	7	7	163	falling to same
fall from height	10	8	6	10	10	6	8	7	8	6	5	3	3	8	3	7	7	6	2	7	6	2	4	4	146	fall from height
crash			1	2	4	2	1	2	2	3	2	1	3		2	1	2	2		4	4	6	2	3	49	crash
crashed by	2	2	1	3	2	1	4	2	2	3	1	1	2	1			1	3	2	2	2	2	4	2	45	crashed by
cut	2	1	8	3	4	3	3	6	3	1	2	2		2		1	1	2			2	2		1	49	cut
struck by flying or falling object	2	2	5	1	2	2	3	1	1	5	4	3	2	2	2	1				4	1		3	1	47	struck by flying or falling object
traffic accident (public	2	2		1							1	1		1		1	2	1	1					1	14	traffic accident (public road)
others																					1		9	1	11	others
contact to harmful substance	2	2	2	3	1	1	2	3	4	1	4	3		2	1	2	4	2	1		2	1	6		49	contact to harmful substance
contact to high/low- temperature	3	3		4	1		2	1	1	1	2	1	1	1	1	1			1	2	3		4		33	contact to high/low- temperature
collapse		1		1	1		1	1		1	2			1					1	1	1				12	collapse
explosion		2			1	1		1						3											8	explosion
fire				1					1									2					1		5	fire
unclassifiable				1			1		1						1					1					5	unclassifiable
injury to the sole of the foot				1																					1	injury to the sole

electric shock	1																								1	electric shock
burst																				1					1	burst
drown																										drown
traffic accident																										traffic accident
(others)																										(others)
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010808 painting 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
temporary buildings, establishments	12	10	8	9	12	4	10	10	10	9	8	13	5	8	3	5	6	5	7	8	11	14	12	9	208	temporary buildings, establishments
load	3	7	9	4	9	5	2	7	6	6	5	5	7	5	1	2	4	2	4	9	6	5	7	7	127	load
other equipment	12	9	7	6	9	5	12	5	11	9	8	7	5	11	9	11	7	11	7	8	14	4	8	6	201	other equipment
others	1	4	1	3	4	5	6	4	3	3	2	1	2	2	4		2	1	4	2	1	5	11	5	76	others
machine	19	15	17	12	13	7	8	15	7	5	10	9	7	5	6	7	10	7	5	7	7	7	11	4	220	machine
crane, conveying machine	4	4	3	8	4	13	6	3	4	6	3	2	6	2		5	5	8	3	2	3	4	4	4	106	crane, conveying machine
substance, material	3	9	5	10	2	3	5	9	5	3	5	4	2	3	1	6	4	4	1	2	5	2	8		101	substance, material
environment		1		1	1				1	2		1	1	2	1	1			3	3	2		1		21	environment
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010808 painting 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)
temporary buildings, establishments	12	10	8	9	12	4	10	10	10	9	8	13	5	8	3	5	6	5	7	8	11	14	12	9	208	temporary buildings, establishments
load	3	7	9	4	9	5	2	7	6	6	5	5	7	5	1	2	4	2	4	9	6	5	7	7	127	load
general machine	18	8	13	11	13	7	7	12	5	5	9	6	7	3	4	5	8	6	4	7	5	5	10	4	182	general machine
tools	9	3	2	4	5	4	3	1	6	3	2	2	1	4	5	6	5	6	3	7	9	4	2	4	100	tools
no causal agent		3	1	2	2	5	4	3	3	3	2	1	2	1	2		1		3	2	1	5	2	4	52	no causal agent
conveying machine	2	2	3	7	3	11	5	3	4	5	2	1	5	1		5	3	7	2	2	2	3	3	2	83	conveying machine
human power machine, tools		1	2	1	2	1	6	1	3	6	2	3	3	1	1	1	2	3	2	1	3		2	1	48	human power
other causal agent	1	1			2		1	1						1	2			1					9	1	20	other causal agent
vehicle	2	2		1	1						1	1		1			1	1	1			1	1	1	15	vehicle
chemical facilities		2					1	1	1										1				2	1	9	chemical facilities
crane						2	1			1			1				1				1			1	8	crane
hazards, harmful	2	8	2	8	2	2	3	4	5	2	4	3	1	2	1	2	4	4	1		3	1	7		71	hazards, harmful

substances																									substances
other equipments,	1	3	1	1	2		2	2	1		1	2	1	6	3	4		2	1		2		2	37	other equipments, facilities
materials	1	1	3	2		1	2	5		1	1	1	1	1		4				2	2	1	1	30	materials
natural environment		1		1	1				1	2		1	1	2	1	1			3	3	2		1	21	natural environment
power transmission mechanism	1	2	1				1		1			3		1	1	2	2	1				2	1	19	power transmission mechanism
metal manufacturing machine		5	1					3							1				1		1			12	metal manufacturing machine
woodworking machine			2						1					1							1			5	woodworking machine
pressure vessel	2		2								1													5	pressure vessel
unclassifiable				1			1										1		1					4	unclassifiable
construction machine				1							1													2	construction machine
kiln, caldron											1													1	kiln, caldron
electric equipment											1													1	electric equipment
engine																									engine
mobile silviculture																									mobile silviculture

machine																										machine
welding equipment																										welding
																										equipment
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010808 painting 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
load			9		9		1	7	6	6	3	3	7	5	1	2	3	2	4	9	6	5	7	7	102	load
stairs, landing stage			3		4		4	3	3	2	1			3		1	3	2	1	1	2	4	2	6	45	stairs, landing stage
no causal agent			1		2		4	3	3	3	2	1	2	1	2		1		3	2	1	5	2	4	42	no causal agent
passage			4		2		3	4	5	1	3	5	1		1	3	2	1	4	5	7	7	6	3	67	passage
mixer, grinder			4		6		2	3	3	2	4	1				1	3	2	1	3	2	1	3	3	44	mixer, grinder
ladder			1		3		1	1	3	2	1	1	1	3	3	5	4	2	1	5	4	1	1	2	45	ladder
other tools			1		2		1		1	1	1	1		1	2	1	1	4	2	2	5	3	1	2	32	other tools
other general power machines			5		3		4	6	2	1	4	2	6	3	3	3	3	1	3	2	2	3	6	1	63	other general power machines
forklift			2		2		3	3	3	3	1	1	4	1		2	1	4	2	1	1	3	2	1	40	forklift
human power hauling equipment			2		1		3			1		2	2			1	1	1	2		2		1	1	20	human power hauling equipment
other causal agent					2		1	1						1	2			1					9	1	18	other causal agent
cars, bus, motorcycle					1						1	1		1			1	1	1			1	1	1	10	cars, bus, motorcycle
truck			1				1		1		1						1	1		1				1	8	truck
chemical facilities							1	1	1										1				2	1	7	chemical facilities

crane										1				1							1	3	crane
other equipment,		1	2	2	2	1		1	2	1	6	3	4		2	1		2		2		32	other equipment,
roll machine (except printingroll machine)		2	3	1	3			1	2	1		1	1	2	2		2	1	1	1		24	roll machine (except printingroll machine)
harmful substance		2	1	2	2	2	1	1	2				2	3				1		3		22	harmful substance
other hazards, harmful substances			1	1	2	2	1	2	1	1	2	1		1	2	1		2	1	1		22	other hazards, harmful substances
hand tool			1	3	1	1	5	2	1	1	1	1		1	1		1	1				21	hand tool
working platform, boot board		1	2	1	2		2	2	1	2	2				1			1	2	1		20	working platform,
building, establishment			1			1	1	2	3	2	3	1		1			1			1		17	building, establishment
power transmission mechanism		1		1		1			3		1	1	2	2	1				2	1		16	power transmission mechanism
other temporary buildings, establishments			1		1	1	2		3				1		1	2	1	1		2		16	other temporary buildings, establishments
metal material		2		1	3		1	1		1			2				1	2	1	1		16	metal material
conveyor			1	1			1			1			1	1	1			1				8	conveyor
other materials		1		1	2				1				2				1					8	other materials
high/cold temperature environment			1				1		1		1						2	1		1		8	high/cold temperature environment

other environments						1	1			1	1	1	1			2				8	other environments
machine/equipment as load				1				2	2					1						6	machine/equipment as load
circular sawing		2				1					1						1			5	circular sawing machine
printing machine		2	1				1		1											5	printing machine
other powered conveying machines							1						2		1				1	5	other powered conveying machines
inflammable substance						1									2				2	5	inflammable substance
other metal manufacturing machines		1			2							1								4	other metal manufacturing machines
roof, beam, haze, crossbeam, principal rafter			1	2														1		4	roof, beam, haze, crossbeam, principal rafter
human power machine						2									1					3	human power machine
slinging tool				1		2														3	slinging tool
opening			1						1			1								3	opening
unclassifiable				1										1		1				3	unclassifiable
power press					1												1			2	power press
injection molding machine							1								1					2	injection molding machine
other powered																					other powered

crane				1		1										2	crane
other pressure vessels		2														2	other pressure vessels
leveling,																	leveling,
transporting or							1									1	transporting or
loading machine																	loading machine
grinding machine, buffing machine												1				1	grinding machine, buffing machine
elevator, lift														1		1	elevator, lift
boiler							1									1	boiler
industrial dryer							1									1	industrial dryer
transmission							1									1	transmission
human power cranes															1	1	human power cranes
scaffolding						1										1	scaffolding
explosive substance							1									1	explosive substance
inflammable gas															1	1	inflammable gas
lumber, bamboo									1							1	lumber, bamboo
natural ground,												1				1	natural ground,
standing tree														1		1	standing tree
abnormal environment													1			1	abnormal environment
engine																	engine

band sawing													band sawing
machine													machine
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
other woodworking													other woodworking
machines													machines
excavating machine													excavating machine
foundation work													foundation work
machine													machine
hardening machine													hardening machine
demolition machine													demolition machine
vehicle for high lift													vehicle for high lift
work													work
other construction													other construction
machines													machines
lathe													lathe
drill press, milling													drill press, milling

machine	machine
forging pressure hammer	forging pressure hammer
shearing machine	shearing machine
centrifugal machine Contribution Contributio	centrifugal machine
food manufacturing machine	food manufacturing machine
industrial robot	industrial robot
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
Iumberyard	lumberyard
equipment, logging	equipment, logging
cableway	cableway
simple skyline yarding equipment	simple skyline 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
pressure vessel													pressure vessel
gas welding													gas welding
equipment													equipment
arc welding													arc welding
equipment													equipment
other welding													other welding
equipment													equipment
kiln, caldron													kiln, caldron
other kiln, caldron													other kiln, caldron
electric power													electric power
facilities													facilities
other electrical													other electrical
equipment													equipment
timbering													timbering
radiation													radiation
stone, sand,													stone, sand,
substance													substance
water													water

total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060 t	otal	
Cotai	37		1130		1137	72	77	1133	''	173	'' '	72	1133		123	"	130	130	1137	'' '	"	11.	UZ		1,000	Otai	

Transition of workers' age groups of fatal and non-fatal accidents in 010808 painting 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
50-59	17	17	14	16	18	9	14	8	15	9	10	7	8	10	5	4	6	8	10	7	9	10	13	11	255	50-59
60 years old or	4	6	5	6	2	2	9	4	3	7	3	6	2	5	3	5	4	5	6	4	4	6	8	9	118	60 years old or
more	•							•													•					more
40-49	13	10	9	11	8	9	8	10	8	10	5	15	9	7	4	6	9	9	8	13	13	7	13	6	220	40-49
20-29	8	7	11	7	13	7	9	13	8	6	6	5	5	7	4	11	10	7	4	12	10	11	12	6	199	20-29
30-39	11	18	11	11	12	13	8	16	13	10	17	9	11	8	9	9	9	8	6	4	12	7	15	3	250	30-39
19 years old or less	1	1		2	1	2	1	2		1				1		2		1		1	1		1		18	19 years old or less
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010808 painting 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
100-299	12	16	7	9	13	8	8	14	11	8	8	6	4	8	8	7	6	13	12	13	15	10	11	9	236	100-299
10-29	12	12	13	11	12	11	14	10	7	13	9	11	12	12	2	5	10	10	5	7	7	9	21	8	243	10-29
50-99	12	10	5	13	8	8	11	7	6	5	17	8	10	7	7	9	13	6	9	11	16	11	12	8	229	50-99
30-49	10	6	13	14	10	9	9	8	7	11	5	9	5	7	4	6	5	4	2	8	8	9	13	5	187	30-49
9 workers or less	5	9	5	5	7	6	2	8	8	5		5	4	3	3	5	1	5	5	1	2	1	2	3	100	9 workers or less
300 workers or	3	6	7	1	4		5	6	8	1	2	3		1	1	5	3		1	1	1	1	3	2	65	300 workers or
more										•				ľ	•				<u> </u>		'				05	more
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

Transition of occured months of fatal and non-fatal accidents in 010808 painting 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	6	5	3	3	4	6	2	8	3	3	1	5	2	3	2	1	2	8	2	4	5	1	3	8	90	April
May	5	2	4	4	7	7	2	2	7	5	3	5	2	3	3	2	4	3	3	3	6	4	7	6	99	May
June	5	8	9	4	6	4	9	1	1	3	8	5	3	6	1	3	1	2	6	4	8	7	7	4	115	June
August	3	4	1	3	6	1	9	5	6	4	4	2	1	2	1	2	5	3	2	2	4	4	11	4	89	August
October	5	4	6	4	5	6	4	6	3	7	3	3	1	3	2	3	2	2	2	1	5	1	3	3	84	October
November	2	9	3	4	3	4	3	3	3	1	5	2	3	4		2	4	3	4	3	1	3	3	3	75	November
January	4	5	6	4	5	1	3	8	1	4	3	1	3	2	3	5	4	1	4	2		4	4	2	79	January
March	4	6	5	10	3	6	4	7	6	4	2	10	4	3	2	6	4	7	4	3	5	4	6	1	116	March
September	5	1	1	4	6	6	6	3	5	2	2	2	7	5	2	3	3	2	2	6	4	3	6	1	87	September
July	6	5	3	4	1	1	1	4	6	5	5	4		2	5	5	3	2	3	5	6	4	5	1	86	July
February	5	5	5	5	6		2	2	3	3	1	2	5	4	1	2	3	3	2	3	3	4	2	1	72	February
December	4	5	4	4	2		4	4	3	2	4	1	4	1	3	3	3	2		5	2	2	5	1	68	December
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

Transition of prefectures of fatal and non-fatal accidents in 010808 painting 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
Saitama	8	10	7		7		11	7	7	9	8	4	4	10	1	8	6	5	4	5	12	8	8	10	159	Saitama
Osaka	10	9	10		13		2	7	7	3	8	8	3	5	2	4	7	5	6	6	7	8	5	5	140	Osaka
Aichi	5	6	4		7		5	7	5	6	5	2	3	2	4	2	4	1	4	3	4	2	5	4	90	Aichi
Chiba	1	4	7		5		1	2	7	5	2	6		2	4	1	1	2	1	1	3		5	3	63	Chiba
Hyogo	4	4	3		4		4	4	5	4	4	4	6	1	2	2	4	5	6	5		5	8	2	86	Hyogo
Kanagawa	1	3	1				3	1	2		1	2	4	5	2	1	3	4	1	2	1	3		2	42	Kanagawa

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Shiga	3	4			1	1	1	1	1	1	1	1			2		2	1	2	3	3	2	2	32	Shiga
Tokyo	9	3	6		5	6	1	2		1	4	1	3	2	2	2		2	2	1		3	1	56	Tokyo
Ibaraki		2	1		2	1	5	2		1	1	1		2	1	2	4	3	1	1		1	1	32	Ibaraki
Mie	1		1		1	2	1		2			2	1	1	2	1	4	2	4	2	2	2	1	32	Mie
Kyoto	1	1	1		2	3	1	2	2	1	1			1	2		1	2	2	1	3	1	1	29	Kyoto
Gifu					1	1				1	1	2	2		1	1	1		1	2		1	1	16	Gifu
Fukui						1	1						1										1	4	Fukui
Yamaguchi		1								1												1	1	4	Yamaguchi
Tochigi	1	3	1		2		1	1	1		1	2	2		1	2			2	4		2		26	Tochigi
Fukushima		1	2			1	1				2	2			2			1		1	2	9		24	Fukushima
Gunma			2			1	2		2	1					1			1	1	2	2	2		17	Gunma
Shizuoka	2		2		1	2	1		2		1			2	1		1			1		1		17	Shizuoka
Yamanashi		1				1	1	1	1	4		1			1		1		1	3				16	Yamanashi
Hiroshima	1	2				1	1		4	1	1		3									1		15	Hiroshima
Fukuoka	2	1	1				1			1				1		2			2	1	2	1		15	Fukuoka
Okayama		1			1	2	1	1	1		1	3				1						1		13	Okayama
Niigata	1						3	1			1				1		2					2		11	Niigata
Toyama															1	1			1					3	Toyama
Nagano	2	1																						3	Nagano
Wakayama		1					1	1																3	Wakayama
Kagawa	1										1		1											3	Kagawa
Saga			1		1									1										3	Saga
Kumamoto	1				1											1								3	Kumamoto

Hokkaido		1														1									2	Hokkaido
Nara								1														1			2	Nara
Ishikawa								1																	1	Ishikawa
Tokushima									1																1	Tokushima
Ehime									1																1	Ehime
Oita																							1		1	Oita
Aomori																										Aomori
lwate																										lwate
Miyagi																										Miyagi
Akita																										Akita
Yamagata																										Yamagata
Tottori																										Tottori
Shimane																										Shimane
Kochi																										Kochi
Nagasaki																										Nagasaki
Miyazaki																										Miyazaki
Kagoshima																										Kagoshima
Okinawa																										Okinawa
total	54	59	50	53	54	42	49	53	47	43	41	42	35	38	25	37	38	38	34	41	49	41	62	35	1,060	total

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