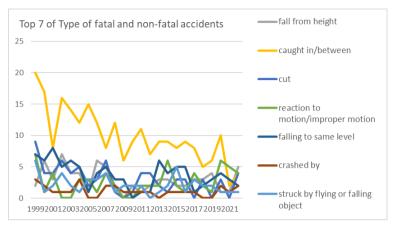
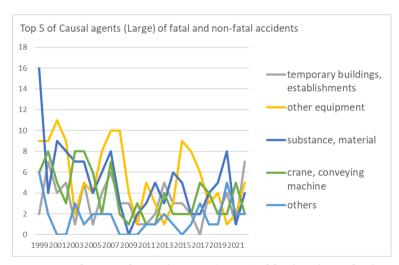
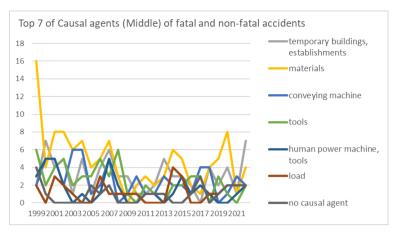
Transition of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



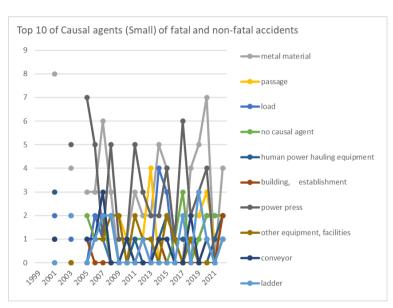
Transition of Top 7 of Type of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



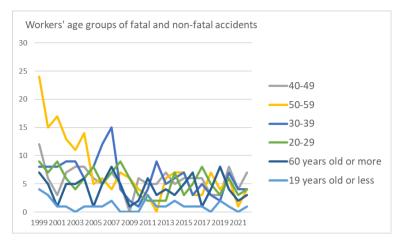
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



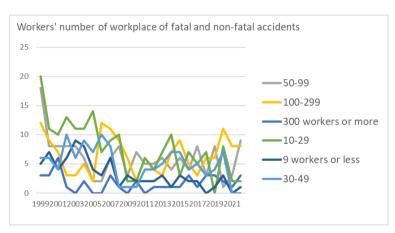
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



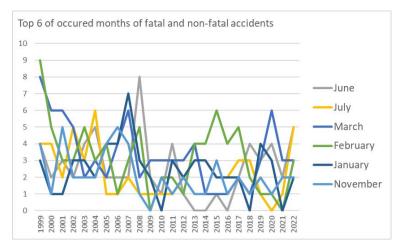
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



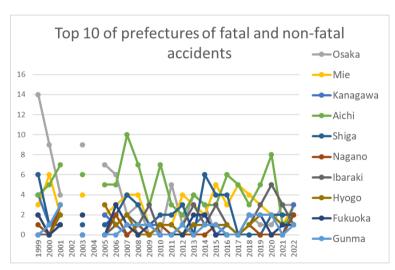
Transition of workers' age groups of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010502 metal furniture 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
fall from height	2	6	3	7	4	4	1	6	5	2		2	1	2	3	3	2	2	3	3	4	1	1	5	72	fall from height
caught in/between	20	17	8	16	14	12	15	12	8	12	6	9	11	7	9	9	8	9	8	5	6	10	2	4	237	caught in/between

cut	9	4	4	6	4	5	2	3	6	1		1	4	4	2	1	3	3		3		3		4	72	cut
reaction to motion/improper motion	7	1	4			3	3	1	4	2			2	2	2	6	2	1	4	2	1	6	5	4	62	reaction to motion/improper motion
falling to same level	7	6	8	5	6	5	1	4	5	3	3		1	1	6	4	5	5	1	2	3	4	3	2	90	falling to same
crashed by	3	2	1	1	1	3			2	2	1	1	1	1		1	1	1	1			2	1	2	28	crashed by
struck by flying or falling object	6	1	2	4	2	1	3	3	4	1	2	2	2		1	2	5	1	3	2	2	1	1	1	52	struck by flying or falling object
crash	4	3	2	2	1	2	2	1	3	5	2				1	2	1			3	1		1	1	37	crash
collapse	2	2	6		3	4		3	3	2	1	1	1		1	2	1				1	2			35	collapse
traffic accident (public road)	4	1			1	1			2									1	2		2				14	traffic accident (public road)
others		1				1												1			1	3			7	others
contact to harmful substance									1					3					1		1				6	contact to harmful substance
contact to high/low- temperature			1				1										1	1		1					5	contact to high/low- temperature
burst							1	1																	2	burst
injury to the sole of the foot																			1						1	injury to the sole
fire					1																				1	fire
unclassifiable																				1					1	unclassifiable

drown																										drown
electric shock																										electric shock
explosion																										explosion
traffic accident																										traffic accident
(others)																										(others)
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010502 metal furniture in Japan (1999-2022)

Causal (L) agents	1000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	2022	total	Causal (L)
Causar (E) agents	1999	2000	2001	2002	2003	2004	2003	2000	2007	2000	2009	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	2022	totai	agents
temporary buildings, establishments	2	7	4	5	1	5	1	4	6	3	3	1	1	2	5	3	3	2		4	2	4	1	7	76	temporary buildings, establishments
other equipment	9	9	11	9	2	5	4	8	10	10	4	1	5	3	1	3	9	8	6	3	4	1	2	5	132	other equipment
substance, material	16	4	9	8	7	7	4	6	8	3		2	3	5	3	6	5	2	2	4	5	8	1	4	122	substance, material
crane, conveying machine	6	8	5	3	8	8	6	2	7	2	1	3	1	1	4	2	2	2	5	4	2	2	5	2	91	crane, conveying machine
others	6	2			3	1	2	2	2				1	1	2	1		1	3	1	1	5	2	2	38	others
load	2		3	2	1			3	1	1	1	1				4	3			1	1	2	2	2	30	load
machine	23	14	7	14	14	14	12	8	8	11	5	8	12	8	10	11	6	9	7	4	5	10	1	1	222	machine
environment					1	1		1	1		1						1	1	1	1	2				11	environment
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010502 metal furniture 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		Causal (M) agents
temporary buildings, establishments	2	7	4	5	1	5	1	4	6	3	3	1	1	2	5	3	3	2		4	2	4	1	7		temporary buildings, establishments
materials	16	4	8	8	6	7	4	5	7	3		2	3	2	3	6	5	2	1	4	5	8	1	4	114	materials
conveying machine	2	5	5	2	6	6	1	2	5		1	3	1	1	3	2	2	1	4	4		1	3	2	62	conveying machine
tools	6	2	4	5	2	3	3	5	3	6	1		2	1		2	2	3	3		3	1		2	59	tools
human power machine, tools	3	5	5	2		1		1	5	2			1	1		1	3	1	2	1			1	2	37	human power
load	2		3	2	1			3	1	1	1	1				4	3			1	1	2	2	2	30	load
no causal agent	4	1					2	1	2				1	1	1			1	3		1	2	2	2	24	no causal agent
metal manufacturing machine	15	9	5	9	11	11	12	6	3	8	3	6	11	5	4	9	6	6	6	2	4	5	1	1		metal manufacturing machine
other equipments,		1	1			1		1	1	2	2		2	1	1		2	1		1				1		other equipments, facilities
general machine	5	3		3	2	1				2	2	1		3	3	2		2	1	1	1	3			35	general machine
																										woodworking

woodworking machine	3	2	2	2	1	2		2	4	1		1	1		1			1		1		2		26	machine
vehicle	4	2		1	1		1		2									1			2		1	15	vehicle
welding equipment		1	1	2				1	1		1	1					2	3	1				1	15	welding equipment
crane		1			1	2	4			2					1				1			1	1	14	crane
other causal agent	2	1			3			1							1					1		3		12	other causal agent
natural environment					1	1		1	1		1						1	1	1	1	2			11	natural environment
hazards, harmful substances			1		1			1	1					3					1					8	hazards, harmful substances
power transmission mechanism									1						2									3	power transmission mechanism
pressure vessel							1													1				2	pressure vessel
unclassifiable						1										1								2	unclassifiable
chemical facilities																					1			1	chemical facilities
engine																									engine
construction machine																									construction machine
mobile silviculture machine																									mobile silviculture machine

kiln, caldron																										kiln, caldron
electric equipment																										electric equipment
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010502 metal furniture 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
metal material			8		4		3	3	6	3		1	3	2	2	5	4	1		4	5	7		4	65	metal material
passage			3					1	2	2	2	1		1	4		2	1		2	2	3	1	2	29	passage
load			2		1			2	1			1				4	3			1	1	2	2	2	22	load
no causal agent							2	1	2				1	1	1			1	3		1	2	2	2	19	no causal agent
human power hauling equipment			3					1	2	2			1			1	2	1	1	1			1	2	18	human power hauling equipment
building, establishment			1				1							1		1						1		2	7	building, establishment
power press			1		5		7	5	1	5	1	1	5	3	2	2	4	1	6	2	3	4		1	59	power press
other equipment,			1					1	1	2	2		2	1	1		2	1		1				1	16	other equipment, facilities
conveyor			1		2		1	1	3			1				1	1			2		1		1	15	conveyor
ladder					2			1	2	2				1					2		3	1		1	15	ladder
working platform, boot board					1			1	4	1	1				1			1		1				1	12	working platform, boot board
other powered conveying machines					1				1					1	1					1				1	6	other powered conveying machines

slinging tool		1																			1	2	slinging tool
opening																					1	1	opening
other temporary buildings, establishments																					1		other temporary buildings, establishments
other metal manufacturing machines		2	2	3		2	2	1	2	4			1	2	4			1		1		27	other metal manufacturing machines
other tools		3		3	4	1	4	1		2			2	2	3	1						26	other tools
drill press, milling machine		2	2	1	1		1		3	1	1	1	4		1							18	drill press, milling machine
other general power machines			2				1	1	1		3	2	2		1		1	1	3			18	other general power machines
forklift		2	1			1		1	2	1		1	1	1	1	1				3		16	forklift
truck		2	2		1							1				3	1					10	truck
circular sawing machine		1			2	2	1		1								1		1			9	circular sawing machine
other welding equipment		1				1		1						1	3	1				1		9	other welding equipment
other causal agent			3		1							1					1		3			9	other causal agent
lumber, bamboo			1	1	1	1			1					1	1	1						8	lumber, bamboo
grinding machine, buffing machine			1	1						1	1		2						1			7	grinding machine, buffing machine
crane			1	2			2									1			1			7	crane
cars, bus,																							cars, bus,

motorcycle			1			2								1			2		1	7	motorcycle
hand tool		1				2				1			1		1					6	hand tool
stairs, landing stage					1							2	1			1				5	stairs, landing stage
other materials			1		1							1						1	1	5	other materials
other environments			1		1									1	1		1			5	other environments
harmful substance						1				2					1					4	harmful substance
machine/equipment as load		1			1		1	1												4	machine/equipment as load
power transmission mechanism						1					2									3	power transmission mechanism
hollow chisel mortiser, wood borer		1							1		1									3	hollow chisel mortiser, wood borer
shearing machine			1					1			1									3	shearing machine
roll machine (except printingroll machine)							1				1			1							roll machine (except printingroll machine)
elevator, lift				1							1								1	3	elevator, lift
high/cold temperature environment													1			1	1				high/cold temperature environment
wood planer machine						1								1						2	wood planer machine
chamfering																					chamfering

woodworking milling machine arc welding equipment human power machine roof, beam, haze, crossbeam, principal rafter inflammable			1	1		1				1						2	woodworking milling machine arc welding equipment
arc welding equipment human power machine roof, beam, haze, crossbeam, principal rafter			1	1		1				1						2	arc welding equipment
equipment human power machine roof, beam, haze, crossbeam, principal rafter			1	1		1				1						2	equipment
human power machine roof, beam, haze, crossbeam, principal rafter			1	1													
roof, beam, haze, crossbeam, principal rafter			1	1													
roof, beam, haze, crossbeam, principal rafter			1						- 11	ll ll						2	human power
crossbeam, principal rafter			1														machine
principal rafter			1														roof, beam, haze,
							1									2	crossbeam,
inflammable																	principal rafter
	11 17		1													2	inflammable
substance																	substance
other hazards,								1								2	other hazards,
harmful substances								•								2	harmful substances
other woodworking														1		1	other woodworking
machines																	machines
mixer, grinder					1											1	mixer, grinder
industrial robot											1					1	industrial robot
other powered																	other powered
crane		1														1	crane
railway vehicle		1														1	railway vehicle
pressure vessel												1				1	pressure vessel
other pressure																1	other pressure
vessels																1	vessels
chemical facilities													1			1	chemical facilities

gas welding				1										1	gas welding
equipment	<u>-</u> -														equipment
stone, sand,								1						1	stone, sand,
substance															substance
natural ground,					1									1	natural ground,
rock															rock
standing tree						1								1	standing tree
unclassifiable									1					1	unclassifiable
engine															engine
band sawing															band sawing
machine															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
vehicle for high lift															vehicle for high lift
work															work
other construction															other construction
machines															machines
lathe															lathe

1	 	11											
forging pressure													forging pressure
hammer													hammer
centrifugal machine													centrifugal machine
injection molding													injection molding
machine													machine
food manufacturing													food manufacturing
machine													machine
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
mobile crane													mobile crane
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

	 		 \square	 \square	\sqsubseteq	\square	 \square			!	 	\square	 	<u> </u>	<u> </u>	
railway equipment																railway equipment
loader																loader
straddle carrier																straddle carrier
rough terrain hauler																rough terrain hauler
other vehicles																other vehicles
boiler																boiler
kiln, caldron																kiln, caldron
industrial dryer																industrial dryer
other kiln, caldron																other kiln, caldron
transmission																transmission
electric power																electric power
facilities																facilities
other electrical																other electrical
equipment																equipment
human power																human power
cranes																cranes
scaffolding																scaffolding
timbering																timbering
explosive substance																explosive substance
inflammable gas																inflammable gas
radiation																radiation
water																water
abnormal																abnormal

environment																										environment	
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	11 2 /1 1	22	22	32	14	23	722	total	

Transition of workers' age groups of fatal and non-fatal accidents in 010502 metal furniture 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	12	6	3	7	8	8	6	5	7	5		6	5	5	7	5	6	6	6	3	3	8	4	7	138	40-49
50-59	24	15	17	13	11	14	5	6	4	7	6	4	3		6	7	7	3	3	7	4	6	1	4	177	50-59
30-39	8	8	8	9	9	6	8	12	15	4	2	1	4	9	5	6	7	3	5	3	2	7	4	4	149	30-39
20-29	9	7	9	6	4	6	8	5	7	9	6	3	2	2	2	7	3	5	8	5	3	6	3	4	129	20-29
60 years old or more	7	5	1	5	5	6	1	5	8	5	1	2	6	3	4	3	5	7	1	4	8	4	2	3	101	60 years old or more
19 years old or less	4	3	1	1		1	1	1	2				3	1	1	2	1	1	1		2	1		1	28	19 years old or less
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010502 metal furniture 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	18	8	8	8	8	6	2	2	6	8	3	7	5	5	6	4	6	4	8	3	8	1	3	9	146	50-99
100-299	12	9	7	3	3	5	2	12	11	9	6	2	6	4	3	7	9	5	3	6	6	11	8	8	157	100-299
300 workers or more	3	3	6	1		2			3	1		2		1	1	1	1	3	1	3	3	2	1	3	41	300 workers or more
10-29	20	11	10	13	11	11	14	7	9	10	2	2	6	4	7	10	3	7	5	7		8	2	2	181	10-29
9 workers or less	5	7	4	6	9	8	4	3	6	1	3	2	2	2	3	1	3	2	2		1	3		1	78	9 workers or less
30-49	6	6	4	10	6	9	7	10	8	1	1	1	4	4	5	7	7	4	5	3	4	7			119	30-49
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	total

Transition of occured months of fatal and non-fatal accidents in 010502 metal furniture 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
June	4	2	3	2	4	5	2	2	2	8	2	1	4	1			1		2	4	3	4	2	5	63	June
July	4	4	2	5	3	6	1	1	2	1	1	1	1	2	3	3	2	2	3	3	1		1	5	57	July
March	8	6	6	5	2	3	2	4	6	2	3	3	3	3	4	1	1	1	2	1	3	6	3	3	81	March
February	9	5	3	3	5	3	4	1	3	5		2	2	1	4	4	6	4	5	2	1	1		3	76	February
January	3	1	1	3	3	2	4	4	7	3	2		3	2	3	3	2	2	2		4	3		2	59	January
November	4	1	5	2	2	2	4	5	4	1		2	1	2	1	1	3	1	2	1	2	1	2	2	51	November
September	3	9	4	4	3	4	4	3	4	4	2	1	3	4	1	2	3	3	2	1		5		1	70	September
December	5	2	1	2	5	4	2	5	5	1	1	2	2	1	3	6	2	1	3	2		8		1	64	December
April	5	3	4	3	4	3	3	1	3		1	1		1	2	4	4	3	1	1	1	3	1	1	53	April
October	7	3	3	6	2	4	2	2	3	3	1		2	2	1	4	1	3	1	1	2	1	1		55	October
August	9	5	3	1	1	3	1	4	3		1	2	1	1	2	2	2	1	1	4	2		2		51	August
May	3	3	4	5	3	2		2	1	2	1	1	1		1		2	4		2	3		2		42	May
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	total

Transition of prefectures of fatal and non-fatal accidents in 010502 metal furniture 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
Osaka	14	9	4		9		7	6	2	3			5	1	4	3				2	1	1	3	3	77	Osaka
Mie	3	6	2		4		2	3	4	4	1	1	1	4	3	2	5	3	5	4	3	2	1	3	66	Mie
Kanagawa	4	1	2				2	1		1	1	1	1		1	2		1						3	21	Kanagawa
Aichi	4	5	7		6		5	5	10	7	3	7	3	2	4	3	3	6	5	3	5	8	1	2	104	Aichi
Shiga	6	1	1		1		1	2	4	3	1	2	2	3		6	4	4				2	2	2	47	Shiga

Nagano	1		3			2		1		1					1			1				2	12	Nagano
Ibaraki			1			1	2	1	3			1	3	1	3	1		1	3	5	3	1	30	lbaraki
Hyogo	2		2	2	3	1	2			1	1		1	1	1	1		1	2	2	1	1	25	Hyogo
Fukuoka	2		1	2		3	1		1				2	2				2	2		1	1	20	Fukuoka
Gunma		1	3				1	1	1			1		1	1			2	2	2		1	17	Gunma
Ishikawa	2		3	1	2		1	1							1		1					1	13	Ishikawa
lwate				1		4								3							1	1	10	lwate
Fukushima	2	2																				1	5	Fukushima
Shizuoka	1						1				1											1	4	Shizuoka
Gifu	7	1	3		3	3	1	1	1			2	3		2	1	1	1		3	1		34	Gifu
Saitama	2	2	1	1	1			3		1				1	2	1	3		2	3			23	Saitama
Chiba	4	4	2	2			5					1	1	1	2	1							23	Chiba
Tokyo		2	1	1			3	1	1		2				1			1	1				14	Tokyo
Okayama		2			1		2				2				1	2		1		1			12	Okayama
Kyoto		1		1				2			2			1		2	1						10	Kyoto
Nara									1		1	3		1	2		1			1			10	Nara
Wakayama		2	1	1	1	1					1		2										9	Wakayama
Hokkaido	2	1				1	1										2		1				8	Hokkaido
Fukui	2	1		1						1		1		1									7	Fukui
Miyagi					1		1				1							3					6	Miyagi
Tochigi		1		2					1								1			1			6	Tochigi
Hiroshima	1	1								1			1			2							6	Hiroshima
Niigata			1	1		1	1					1											5	Niigata

Nagasaki	1								1										1						3	Nagasaki
Aomori	1																		1						2	Aomori
Oita										1						1									2	Oita
Yamagata					1																				1	Yamagata
Toyama			1																						1	Toyama
Shimane		1																							1	Shimane
Yamaguchi																			1						1	Yamaguchi
Tokushima	1																								1	Tokushima
Kagawa	1																								1	Kagawa
Kochi	1																								1	Kochi
Kumamoto																			1						1	Kumamoto
Miyazaki																						1			1	Miyazaki
Akita																										Akita
Yamanashi																										Yamanashi
Tottori																										Tottori
Ehime																										Ehime
Saga																										Saga
Kagoshima																										Kagoshima
Okinawa																										Okinawa
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	23	722	total

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