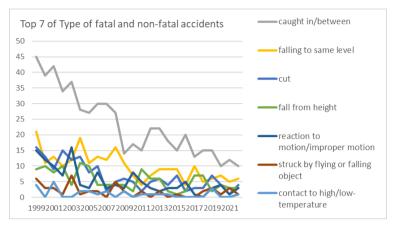
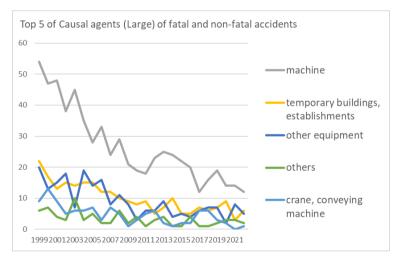
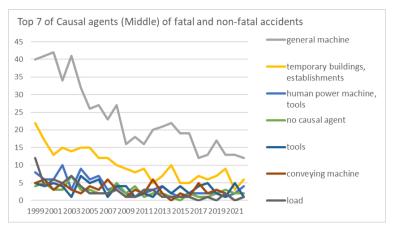
Transition of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



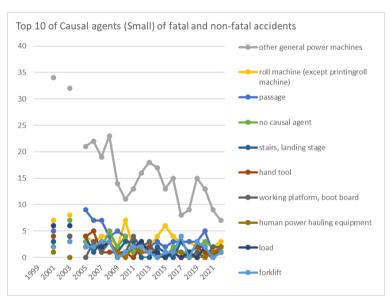
Transition of Top 7 of Type of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



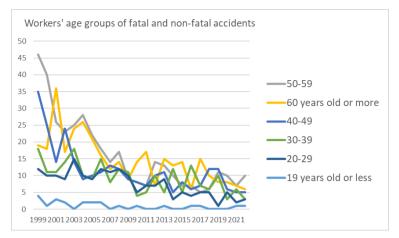
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



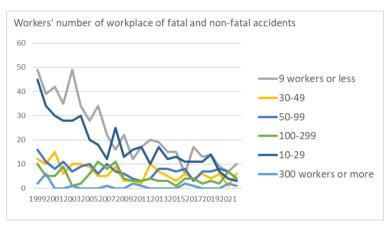
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



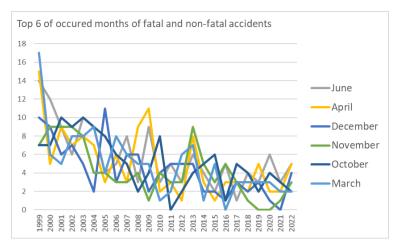
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



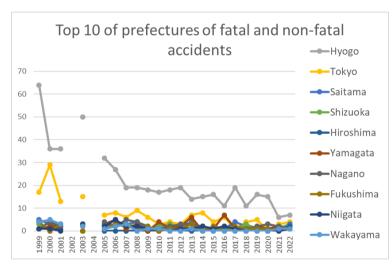
Transition of workers' age groups of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 010807 leather 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	45	39	42	34	37	28	27	30	30	27	14	17	15	22	22	18	15	20	13	15	15	10	12	10	557	caught in/between
falling to same level	21	11	13	10	12	19	11	13	12	16	11	7	4	7	9	9	9	4	10	5	6	7	5	6	237	falling to same

																										level
cut	16	13	9	15	12	13	8	10	2	5	6	5	2	5	6	4	7	2	3	3	7	4	1	4	162	cut
fall from height	9	10	8	10	4	11	10	4	4	4	4	2	9	6	6	2	1	2	7	7	2	4	3	3	132	fall from height
reaction to motion/improper motion	15	12	10	7	16	4	3	8	3	4	3	8	5	3	2	3	3	5	1		3	4	1	3	126	reaction to motion/improper motion
struck by flying or falling object	6	3	3	1	7	1	2	2		5	2		2		2		1			2	3	1	3	1	47	struck by flying or falling object
contact to high/low- temperature	4		5			2	2	1	2		2		1	1	1	1					3			1	26	contact to high/low- temperature
crash	9	3	2	6	3	2	4	1	1	3	3	1		2	1	4		2	2	3	2	1	1		56	crash
crashed by	6	2	1	5	1	2	3	3		1	1		2	1	3	2	2	1	1		1				38	crashed by
traffic accident (public		5	1		2	2	2		1				3	1						3					20	traffic accident (public road)
contact to harmful substance	1	1	2		1			1	2	1	1				1			1	3	1		1			17	contact to harmful substance
collapse		3	1		1	1	1				1				1										9	collapse
others	2	1	1	1						1													1		7	others
fire		1						1									1								3	fire
electric shock		1																					1		2	electric shock
drown			1																						1	drown
explosion			1																						1	explosion
traffic accident																										traffic accident

(others)										1															1	(others)
unclassifiable									1																1	unclassifiable
injury to the sole of																										injury to the sole
the foot																										of the foot
burst																										burst
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 010807 leather 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	54	47	48	38	45	35	28	33	24	29	21	19	18	23	25	24	22	20	12	16	19	14	14	12	640	machine
temporary buildings, establishments	22	17	13	15	14	15	15	12	12	10	9	8	9	5	7	10	5	5	7	6	7	9	3	6	241	temporary buildings, establishments
other equipment	20	13	15	18	7	19	14	16	8	11	8	3	6	6	9	4	5	4	6	7	7	2	8	5	221	other equipment
others	6	7	4	3	10	3	5	2	2	6	2	4	1	3	4	1	1	4	1	1	2	3	3	2	80	others
crane, conveying machine	9	13	9	5	6	6	7	3	7	5	1	3	5	6	2	1	2	2	6	6	3	2		1	110	crane, conveying machine
substance, material	9	4	4	5	7	3		6	3	3	6	2	1	2	3	1	2	1	6	1	3			1	73	substance, material
load	12	4	6	5	7	4	2	2	2	3	1	1	3	3	1	1	1	1		1		2		1	63	load
environment	2		1				2			1					3	1	1		2	1	1				15	environment

total	total	134 105 100 89 96 85	73 74 58 68 48 40 43	43 48 54 43 39 37 40 39 42 32 28 28 1,443 total
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Transition of Causal agents (Middle) of fatal and non-fatal accidents in 010807 leather 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		Causal (M) agents
general machine	40	41	42	34	41	32	26	27	23	27	16	18	16	20	21	22	19	19	12	13	17	13	13	12	564	general machine
temporary buildings, establishments	22	17	13	15	14	15	15	12	12	10	9	8	9	5	7	10	5	5	7	6	7	9	3	6	241	temporary buildings, establishments
human power machine, tools	8	6	6	10	3	9	6	7	3	4	2	1	2	3	4	2	1	2	2	2	2	1	2	4	92	human power machine, tools
no causal agent	4	5	3	3	7	3	3	2	2	5	2	4	1	2	2	1		2	1	1	2	3	2	2	62	no causal agent
tools	5	4	5	4	1	7	5	6	1	4	4	1	2	1	4	2	4	2	4	5	2	1	5	1	80	tools
conveying machine	5	6	3	5	3	2	4	3	6	3	1	3	2	6	2		2	1	5	2	3	2		1	70	conveying machine
load	12	4	6	5	7	4	2	2	2	3	1	1	3	3	1	1	1	1		1		2		1	63	load
materials	6	3	2	5	6	3		4		1	4	2	1	1	1	1	1		4		2			1	48	materials
metal manufacturing machine	11	3	4	2	3	3	2	2		1	3		2	3	2	2	3	1		3	2				52	metal manufacturing machine
other equipments,	4	1	3	2	2	3	1	3	4	3	1	1	2	1	1						2				34	other equipments, facilities

hazards, harmful	3	1	2		1			2	3	2	2			1	2		1	1	2	1	1			25	hazards, harmful
																									substances
vehicle	1	5	3		2	2	2			1			3			1			1	3				24	vehicle
other causal agent	2	2	1		3		2							1	2		1	2					1	17	other causal agent
power transmission mechanism	2	2	2	1	1			2	1	1		1			2								1		power transmission mechanism
crane	3	2	3		1	2	1		1	1								1		1				16	crane
natural environment	2		1				2			1					3	1	1		2	1	1			15	natural environment
kiln, caldron	2	2	1	2	1		1							1							1			11	kiln, caldron
woodworking machine	1			1				2			2											1		7	woodworking machine
pressure vessel							1				1													2	pressure vessel
engine		1																						1	engine
chemical facilities	1																							1	chemical facilities
electric equipment																							1	∥1	electric equipment
unclassifiable										1														1	unclassifiable
construction machine																									construction machine
mobile silviculture																									mobile

machine																										silviculture machine
welding equipment																										welding equipment
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 010807 leather products in Japan (1999-2022)

Transition of Causal a	1	1	, G	ı ca ca	1				11	1		p.ou.		Г		1	- - ,	1	1	1						
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
other general power machines			34		32		21	22	19	23	14	11	13	16	18	17	13	15	8	9	15	13	9	7	329	other general power machines
roll machine (except																										roll machine (except
printingroll			7		8		4	3	4	4	2	7	2	3	2	4	6	4	3	3	2		2	3	73	printingroll
machine)																										machine)
passage			5		4		9	7	7	4	5	4	1	2	2	3	2	3	3	3	3	5	1	2	75	passage
no causal agent			3		7		3	2	2	5	2	4	1	2	2	1		2	1	1	2	3	2	2	47	no causal agent
stairs, landing stage			3		4		4	1	3	3	1	3	3			2	1		3	1	2	2		2	38	stairs, landing stage
hand tool			4		3		4	5	1	1	1	1		2	2	1		1		1	2	1		2	32	hand tool
working platform, boot board			2		4			3	1	3		1	4	2	3			1			1		2	2	29	working platform, boot board
human power			1				2	2	2	3	1		2	1	1	1		1	1				1	2	21	human power
hauling equipment											•			•				Ľ								hauling equipment
load			6		6		2	2	2	3		1	2	3	1	1		1		1		2		1	34	load
forklift			2		3		2	2	3	3		1	2	2	1		1	1	4		3	2		1	33	forklift
other materials			1		4			3			4	2	1		1	1	1		3		2			1	24	other materials
ladder			1				1	2			2		1		2		1	2	4	3	1	1	1	1	23	ladder

<u> </u>	 		 	 																			
injection molding machine		1		1	1							1								1	1	6	injection molding machine
food manufacturing																					1	1	food manufacturing machine
other tools		4	1	4	4	1	4	2	1	1	1	2	1	3			2	1		4		36	other tools
other equipment,		3	2	1	3	4	3	1	1	2	1	1						2				24	other equipment,
building, establishment		1	1	1				3				2	2	1			2	1	2			16	building, establishment
power press		2	1	1				1		2	1	1	1	1			2	2				15	power press
cars, bus, motorcycle		1	2	2			1			3			1			1	3					14	cars, bus, motorcycle
other causal agent		1	3	2							1	2		1	2					1		13	other causal agent
other temporary buildings, establishments		1	1	1	1	1				1			3	1	1	1						12	other temporary buildings, establishments
harmful substance		2				2	2	1				1			1	2	1					12	harmful substance
power transmission mechanism		2	1		2	1	1		1			2								1		11	power transmission mechanism
truck					1	1			1		3					1	2					9	truck
shearing machine		1	1	1	1		1	1				1		1								8	shearing machine
elevator, lift		3		1		1	1								1		1					8	elevator, lift
conveyor		1		2		2			1		1	1										8	conveyor
other environments		1		1			1					2	1	1		1						8	other environments

grinding machine, buffing machine		1	1		1					1			1	1		1			7	grinding machine, buffing machine
metal material		1	2		1		1			1					1				7	metal material
inflammable substance					1	1		1		1			1				1		6	inflammable substance
mixer, grinder					1				1			1			1			1	5	mixer, grinder
circular sawing machine					2			2											4	circular sawing machine
industrial dryer			1	1						1							1		4	industrial dryer
human power machine											1		1		1	1			4	human power
machine/equipment as load			1					1	1				1						4	machine/equipment as load
high/cold temperature environment				1							1					1	1		4	high/cold temperature environment
other hazards, harmful substances			1		1						1								3	other hazards, harmful substances
other metal manufacturing machines										1		1							2	other metal manufacturing machines
printing machine										1						1			2	printing machine
other powered conveying machines								1					1						2	other powered conveying machines
other vehicles		2																	2	other vehicles

human power		1													1	2	human power
cranes																	cranes
other woodworking machines														1		1	other woodworking machines
drill press, milling machine							1									1	drill press, milling machine
centrifugal machine			1													1	centrifugal machine
crane			1													1	crane
boiler				1												1	boiler
other pressure vessels							1									1	other pressure vessels
kiln, caldron		1														1	kiln, caldron
other electrical equipment															1	1	other electrical equipment
slinging tool										1						1	slinging tool
opening		1														1	opening
roof, beam, haze, crossbeam, principal rafter									1							1	roof, beam, haze, crossbeam, principal rafter
standing tree												1				1	standing tree
unclassifiable						1										1	unclassifiable
engine																	engine
band sawing machine																	band sawing 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
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
forging pressure													forging pressure
hammer													hammer
industrial robot													industrial robot

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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
other powered														other powered
crane														crane
railway equipment														railway equipment
loader														loader
straddle carrier														straddle carrier
rough terrain hauler														rough terrain hauler
railway vehicle														railway vehicle

pressure vessel													pressure vessel
chemical facilities													chemical facilities
gas welding													gas welding
equipment													equipment
arc welding													arc welding
equipment													equipment
other welding													other welding
equipment													equipment
other kiln, caldron													other kiln, caldron
transmission													transmission
electric power													electric power
facilities													facilities
scaffolding													scaffolding
timbering													timbering
explosive substance													explosive substance
inflammable gas													inflammable gas
radiation													radiation
lumber, bamboo													lumber, bamboo
stone, sand,													stone, sand,
substance													substance
natural ground,													natural ground,
rock													rock
water													water
abnormal													abnormal
environment													environment

]		
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

Transition of workers' age groups of fatal and non-fatal accidents in 010807 leather 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	46	40	26	23	25	28	22	18	14	17	9	8	7	14	13	10	7	7	5	6	11	10	7	10	383	50-59
60 years old or	19	18	36	17	24	26	21	16	12	14	9	14	17	7	15	13	14	6	15	10	8	8	7	6	352	60 years old or
more					24	20			12				.,												332	more
40-49	35	25	14	24	14	9	10	11	13	12	9	8	7	10	11	5	8	6	7	12	12	6	5	5	278	40-49
30-39	18	11	11	14	18	10	9	15	8	12	11	4	5	10	5	12	5	13	7	6	10	3	6	3	226	30-39
20-29	12	10	10	9	15	10	9	12	11	12	10	5	7	7	9	3	5	4	5	5	1	5	2	3	181	20-29
19 years old or less	4	1	3	2		2	2	2		1		1			1			1	1				1	1	23	19 years old or less
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 010807 leather 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	49	39	42	35	49	34	28	34	22	16	22	12	17	20	19	15	15	6	17	13	14	9	7	10	544	9 workers or less
30-49	12	10	15	6	10	10	9	5	5	9	3	3	2	10	7	5	3	6	4	6	4	6	1	6	157	30-49
50-99	16	11	8	11	7	9	10	6	10	7	6	4	3	4	8	8	7	8	3	7	7	8	7	4	179	50-99
100-299	10	5	5	9	1	2	6	11	8	11	4	3	3	4	3	3	1	4	4	2	3	2	7	4	115	100-299
10-29	45	34	30	28	28	30	20	18	12	25	13	16	17	10	17	12	13	11	11	11	14	7	4	3	429	10-29
300 workers or	2	6			1				1			2	1					2	1				2	1	19	300 workers or
more																										more
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

Transition of occured months of fatal and non-fatal accidents in 010807 leather 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
June	14	12	9	6	10	9	4	5	8	3	9	3	5	3	6	4	2	5	1	4	3	6	3	5	139	June
April	15	5	9	7	8	7	3	6	3	9	11	2	3	1	8	3	1	3	3	2	5	2	2	5	123	April
December	10	9	6	7	5	2	11	3	6	6	2	4	5	5	5	2	2	1	3	2	3	1		4	104	December
November	7	9	9	9	8	4	4	3	3	4	1	4	3	3	9	5	3	5	3	1			1	3	101	November
October	7	7	10	9	10	9	8	6	5	2	4	8		2	4	5	6	1	5	4	2	4	3	2	123	October
March	17	6	5	8	8	9	4	8	6	5	5	1	2	6	7	1	5		3	3	3	3	2	2	119	March
September	11	13	10	9	6	8	5	5	4	2	1	4	5	2	1	3	4	3	4	5	6	3	2	2	118	September
July	6	5	8	8	7	7	1	8	8	7	2	3	4	5	2	3	2	5	2	2	5	3	1	2	106	July
January	13	8	8	5	7	6	10	7	6	7	5	4	4	7	5	4	5	3	7	3	5	4	4	1	138	January
August	7	8	7	7	12	6	5	11	1	6	3	2	6	5	4	5	6	3	5	7	5	1	5	1	128	August
May	10	12	10	4	7	3	7	6	4	7	3	2	3	8	2	5	1	2	2	6	2	2	2	1	111	May
February	17	11	9	10	8	15	11	6	4	10	2	3	3	1	1	3	2	6	2		3	3	3		133	February
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

Transition of prefectures of fatal and non-fatal accidents in 010807 leather 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
Hyogo	64	36	36		50		32	27	19	19	18	17	18	19	14	15	16	11	19	11	16	15	6	7	485	Hyogo
Tokyo	17	29	13		15		7	8	6	9	6	3	4	3	7	8	4	6	1	4	5		3	4	162	Tokyo
Saitama	5	3	2		3		2	3	3	4	1	2	1	2	4			1	4	2	1		1	3	47	Saitama
Shizuoka	3		3				1	2	3	2	1	2	3	2	1	2		1	1	3	1		2	2	35	Shizuoka
Hiroshima	1	1	1										1										1	2	7	Hiroshima
Yamagata	1	2	2		2		3	5	1	3		4	1	2	6		1	7	1		2	1	2	1	47	Yamagata

			لـــــا		I									لــــالـــالــــالـــــالـــــــالــــــ		لـــــا			لــــالـــالــــالـــــالـــــــالــــــ					
Nagano	1	4	2		4	2	5	4	2		2	3	3	2	1	2	1	1	2	3	2	1	47	Nagano
Fukushima	4		3		1	3	2	1	2		1	1	3		2	1	2	1	1	1		1	30	Fukushima
Niigata	1	1		3	2	5	2	2	1	1		1	1	2	1	2	1					1	27	Niigata
Wakayama	4	5	3	2	1	2	3		1	1			1								1	1	25	Wakayama
Chiba	2	1	1	1	1	3		2	2				2	2	3					1	2	1	24	Chiba
Tochigi	1	2	1	2	1			2		1		1	1							3		1	16	Tochigi
Tokushima					1		1	3	2	2	1			1	1		2				1	1	16	Tokushima
Yamaguchi					1								1	1		1						1	5	Yamaguchi
Kumamoto												1					1					1	3	Kumamoto
Osaka	6	8	7	1	4	7	2	4	4	2	1	4	3	1	4	1	3	5	1	2	2		72	Osaka
Nara	10	2	9	9	3	3	2	2		1	3		1	3	1		2	4	1	1	1		58	Nara
wate	2	2	2	1	2	1	1	2			1	2	1	1	1	1		1	3	2	1		27	lwate
Akita	3	2		1	1		1	1	1			3		1	1	1		1	1	1			19	Akita
Hokkaido	2	1	4							1	2		2		1			1	1		1		16	Hokkaido
Aichi	2		1	1	1	1	1	2				1				1		1	2	1			15	Aichi
baraki	1		3					1		3	2	2			1								13	lbaraki
Kagawa	1	1	1	2	1	1	1	2											1				11	Kagawa
Saga			1				2		1		2			2				1					9	Saga
Kagoshima			1		1			1					1		1		1	1	1		1		9	Kagoshima
Гоуата	1						1		1				1	2					1		1		8	Toyama
Fukuoka	1	1	1				1		1								1						6	Fukuoka
Miyagi	1			1	1				1							1							5	Miyagi
Okayama		1					1	1	1									1					5	Okayama

Kyoto			1								2										1				4	Kyoto
Aomori					1										1						1				3	Aomori
Gifu							1													1		1			3	Gifu
Kanagawa		1								1															2	Kanagawa
Ishikawa		1												1											2	Ishikawa
Shimane			1					1																	2	Shimane
Yamanashi		1																							1	Yamanashi
Mie					1																				1	Mie
Shiga			1																						1	Shiga
Miyazaki							1																		1	Miyazaki
Gunma																										Gunma
Fukui																										Fukui
Tottori																										Tottori
Ehime																										Ehime
Kochi																										Kochi
Nagasaki																										Nagasaki
Oita																										Oita
Okinawa																										Okinawa
total	134	105	100	89	96	85	73	74	58	68	48	40	43	48	54	43	39	37	40	39	42	32	28	28	1,443	total

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