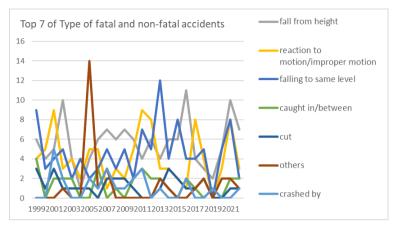
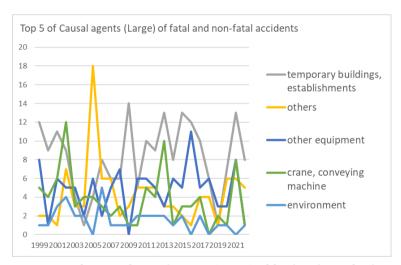
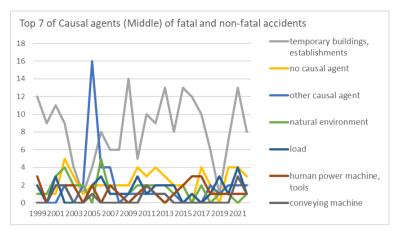
Transition of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



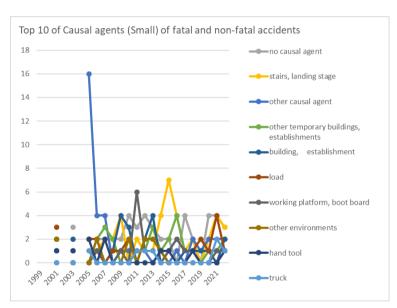
Transition of Top 7 of Type of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



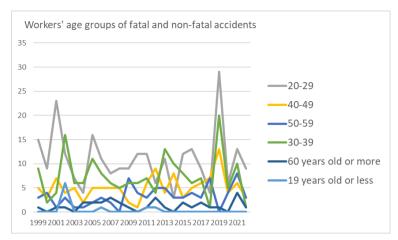
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



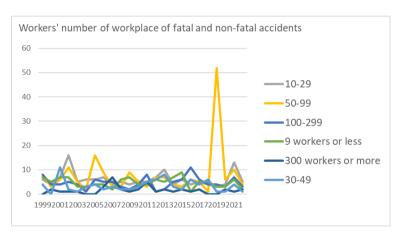
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



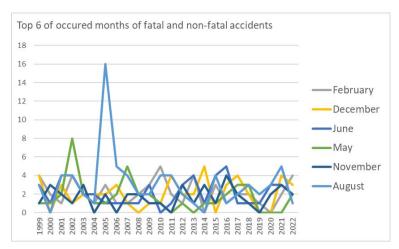
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



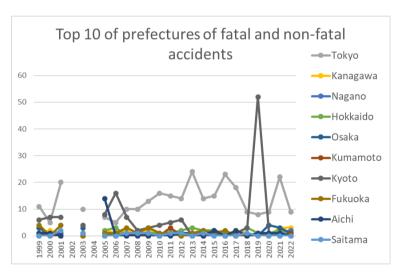
Transition of workers' age groups of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



Transition of Top 6 of occured months of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 100101 movie production and delivery service in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 100101 movie production and delivery service 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	6	4	5	10	4	1	4	6	7	6	7	6	4	6	4	6	6	11	4	3	2	5	10	7	134	fall from height
reaction to																										reaction to
motion/improper	4	5	9	3	4	2	5	5	1	3	2	5	9	8	3	3	2	1	8	4		3	8	3	100	motion/improper

motion																										motion
falling to same level	9	3	4	5	2	4	2	3	5	3	5	2	7	5	12	4	8	4	4	5		5	8	2	111	falling to same
caught in/between	4		2	2	2			3		1		2	3	2	2	1		2	1		1		2	2	32	caught in/between
cut	3	1	3	1	1	1	1		2	2	2	1			1	3	2	1	1	2			1	1	30	cut
others				1			14	1	3						2	1			1	2		2	2	1	30	others
crashed by			5	2			2	1	3	1	1	2	3		1			2			1			1	25	crashed by
fire																					52				52	fire
traffic accident (public	2	2	3	9	1	2	3	2	1	2	1		2	2	8		3	3	1		1	1	3		52	traffic accident (public road)
crash	2		2	5	3	1	2	5	1		3	3	1	3		1	3	1	3	1	3	2	1		46	crash
struck by flying or falling object		1	1	2	1	3	3	3		1	3	2	1	1		2		4	1	3	1	1			34	struck by flying or falling object
collapse	1		1	1	1				1	1	1			1	1	2	1		1		1		6		20	collapse
traffic accident (others)		2		1		1		1								1			1						7	traffic accident (others)
contact to high/low- temperature																	2		1		1				4	contact to high/low- temperature
unclassifiable	1									1															2	unclassifiable
injury to the sole of the foot			1																						1	injury to the sole
drown	1																								1	drown
explosion																	1								1	explosion

contact to harmful																										contact to
Substance																										substance
electric shock																										electric shock
burst																										burst
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 100101 movie production and delivery service 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	9	11	9	4	1	4	8	6	6	14	5	10	9	13	8	13	12	10	6	1	7	13	8	199	temporary buildings, establishments
others	2	2	1	7	3	3	18	6	6	2	3	5	5	5	3	3	2	1	4	4	1	6	6	5	103	others
other equipment	8	1	6	5	5	2	6	2	5	7		6	6	5	3	6	5	11	5	6	3	3	8	1	115	other equipment
crane, conveying machine	5	4	6	12	3	4	4	3	2	3	1	1	5	4	10	1	3	3	4		2	1	8	1		crane, conveying machine
environment	1	1	3	4	2	2		5	1	1	1	2	2	2	2	1	2		2		1	1		1	37	environment
load	2		3				2	3	1	1	1	3	1	2	2	2		1		1	3	1	4	1	34	load
substance, material	2		4	2	2	2	2	2	1		4		1	1		1	3	1	1	2	52		1		84	substance, material
machine	1	1	2	3		1		1	2	1	1	1			1	2			1	1			1		20	machine

total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total	
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Transition of Causal agents (Middle) of fatal and non-fatal accidents in 100101 movie production and delivery service 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)
temporary buildings, establishments	12	9	11	9	4	1	4	8	6	6	14	5	10	9	13	8	13	12	10	6	1	7	13	8		temporary buildings, establishments
no causal agent	1	1	1	5	3	1	2	2	2	2	2	4	3	4	3	2	2		4	2		4	4	3	57	no causal agent
other causal agent				2		2	16	4	4		1	1	1	1		1		1		2	1	2	2	2	43	other causal agent
natural environment	1	1	3	4	2	2		5	1	1	1	2	2	2	2	1	2		2		1	1		1	37	natural environment
load	2		3				2	3	1	1	1	3	1	2	2	2		1		1	3	1	4	1	34	load
human power machine,	3		2	2	2		2		2	1		1	2	1		1	2	3	3	1	1	1	1	1	32	human power machine, tools
conveying machine			2	2			1						2	1	1								3	1	13	conveying machine
vehicle	5	4	4	10	3	4	3	3	2	3	1	1	2	3	9	1	3	3	4		2	1	5		76	vehicle
tools	4		3	2	2	1	3	2	1	4		3	4	2	2	3	2	7	1	5	2	1	5		59	tools
hazards, harmful substances																	2				52					hazards, harmful substances
materials	2		4	2	2	2	2	2	1		4		1	1		1	1	1	1	2			1		30	materials

other equipments,	1		1	1	1	1	1		1	2		2		2		2	1	1	1		1	1	20	other equipments, facilities
woodworking machine			1	1		1		1	2	1	1	1				2			1	1		1	14	woodworking machine
general machine			1	2											1								4	general machine
electric equipment		1							1						1							1	4	electric equipment
unclassifiable	1	1											1										3	unclassifiable
metal manufacturing machine	1	1																					2	metal manufacturing machine
crane													1										1	crane
engine																								engine
power transmission mechanism																								power transmission mechanism
construction machine																								construction machine
mobile silviculture machine																								mobile silviculture machine
pressure vessel																								pressure vessel
chemical facilities																								chemical

																										facilities
wolding aguinment																										welding
welding equipment																										equipment
kiln, caldron																										kiln, caldron
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 100101 movie production and delivery service 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
no causal agent			1		3		2	2	2	2	2	4	3	4	3	2	2		4	2		4	4	3	49	no causal agent
stairs, landing stage			2				1	1	2	2	4		2	1	1	4	7	4	1	2		2	4	3	43	stairs, landing stage
other causal agent							16	4	4		1	1	1	1		1		1		2	1	2	2	2	39	other causal agent
other temporary buildings, establishments			2				2	2	3	2			1	1	3	1	2	4	1	1		1	1	2	29	other temporary buildings, establishments
building, establishment			1		2			2		1	4	3		2	4				1	1	1	1		2	25	building, establishment
load			3				2	2		1	1	2		2	2	1				1	2	1	4	1	25	load
working platform, boot board			2		1			1			1		6	1	1		1	2	1	1			1	1	20	working platform, boot board
other environments			2					2				2		2	2	1								1	12	other environments
hand tool			1		1		2		2							1	1			1				1	10	hand tool
truck							1						1	1	1								2	1	7	truck
inflammable substance																					52				52	inflammable substance

cars, bus, motorcycle		4	3	3	2	2	3	1	1	2	2	9	1	3	3	3		2	1	4	49	cars, bus, motorcycle
passage		3	1	1				4	1	1	3	3	1	2	1	5	1		3	6	36	passage
ladder		1			2	1	2		3	2	2	2	2	1	4	1	1	2		4	30	ladder
other tools		2	2	3			2			2			1	1	3		4		1	1	22	other tools
other equipment,		1	1	1		1	2		2		2		2	1	1	1			1	1	17	other equipment,
human power hauling equipment			1				1		1	2	1			1	2	3		1	1	1	15	human power hauling equipment
lumber, bamboo		2	1	1	2			1			1				1	1				1	11	lumber, bamboo
circular sawing machine		1				2	1	1	1				1			1	1			1	10	circular sawing machine
natural ground, rock			2		1	1	1	1		1				1		1			1		10	natural ground, rock
scaffolding		1				1					1	1	1	1	1						7	scaffolding
metal material		2	1					2					1	1							7	metal material
machine/equipment as load					1	1			1	1			1		1			1			7	machine/equipment as load
roof, beam, haze, crossbeam, principal rafter					1		1	1	1				1								5	roof, beam, haze, crossbeam, principal rafter
other materials				1		1		1									2				5	other materials
other vehicles											1					1				1	3	other vehicles
opening					1											1				1	3	opening
high/cold																						high/cold

temperature											1	1	1			3	temperature
environment																	environment
forklift								1							1	2	forklift
other powered		2														2	other powered
conveying machines		2															conveying machines
other electrical						1									1	2	other electrical
equipment						_											equipment
standing tree					1			1								2	standing tree
water		1			1											2	water
wood planer					1											1	wood planer
machine																	machine
chamfering																	chamfering
machine, router,										1						1	machine, router,
woodworking										•							woodworking
milling machine														<u> </u>			milling machine
food manufacturing									1							1	food manufacturing
machine									•							l'	machine
other general		1														1	other general
power machines																Ľ	power machines
other powered								1								1	other powered
crane																<u> </u>	crane
railway vehicle					1											1	railway vehicle
transmission									1							1	transmission
human power		1														1	human power
cranes		I														ľ	cranes

	 	 		 	 	 	 	 		 	 	 	-	
human power									1				1	human power
machine														machine
explosive substance								1					1	explosive substance
other hazards,								1					1	other hazards,
harmful substances								1						harmful substances
stone, sand,						1							1	stone, sand,
substance						ı								substance
unclassifiable						1							1	unclassifiable
engine														engine
power transmission														power transmission
mechanism														mechanism
band sawing														band sawing
machine														machine
hollow chisel														hollow chisel
mortiser, wood														mortiser, wood
borer														borer
chain saw														chain saw
other woodworking														other woodworking
machines														machines
leveling,														leveling,
transporting or														transporting or
loading machine														loading machine
excavating machine														excavating machine
foundation work														foundation work
machine														machine

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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
grinding machine,													grinding machine,
buffing machine													buffing machine
power press													power press
forging pressure													forging pressure
hammer													hammer
shearing machine													shearing machine
other metal													other metal
manufacturing													manufacturing
machines													machines
centrifugal machine													centrifugal machine
mixer, grinder													mixer, grinder
roll machine (except													roll machine (except
printingroll													printingroll
machine)													machine)
injection molding													injection molding

machine													machine
printing machine													printing machine
industrial robot													industrial robot
felling machine													felling machine
mobile logging													mobile logging
machine													machine
skyline yarding													skyline yarding
machine													machine
other mobile													other mobile
silviculture machine													silviculture machine
crane													crane
mobile crane													mobile crane
derrick crane													derrick crane
elevator, lift													elevator, lift
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
conveyor													conveyor

straddle carrier Ough terrain hauler Ough terrain	loader													loader
boiler pressure vessel other pressure vessels chemical facilities gas welding equipment arc welding equipment other welding equipment klin, caldron industrial dryer other klin, caldron electric power facilities slinging tool timbering inflammable gas harmful substance	straddle carrier													straddle carrier
pressure vessel other pressure vessels chemical facilities gas welding equipment arc welding equipment other welding equipment difficulties difficul	rough terrain hauler													rough terrain hauler
other pressure vessels chemical facilities gas welding equipment arc welding equipment other welding equipment kiln, caldron industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance other pressure vessels chemical facilities gas welding equipment equipment equipment arc welding equipment equipment kiln, caldron industrial dryer industrial dryer industrial dryer inflammable gas harmful substance	boiler													boiler
vessels chemical facilities gas welding equipment arc welding equipment other welding equipment klin, caldron industrial dryer other klin, caldron electric power facilities slinging tool timbering inflammable gas harmful substance	pressure vessel													pressure vessel
gas welding equipment arc welding equipment other welding equipment kiln, caldron industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance gas welding equipment equipment arc welding equipment equipment kiln, caldron industrial dryer other welding equipment kiln, caldron industrial dryer industrial dryer other kiln, caldron industrial dryer other kiln														
equipment arc welding equipment other welding equipment kiln, caldron industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance equipment equipment arc welding equipment kiln, caldron kiln, caldron kiln, caldron industrial dryer industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance	chemical facilities													chemical facilities
equipment other welding equipment kiln, caldron industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance equipment equipment other welding equipment kiln, caldron industrial dryer industrial dryer other kiln, caldron industrial dryer other kiln, caldron industrial dryer industrial dryer other kiln, caldron industr														
equipment kiln, caldron industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance equipment equipment kiln, caldron industrial dryer industrial dr														
industrial dryer other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance industrial dryer other kiln, caldron other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance														
other kiln, caldron electric power facilities slinging tool timbering inflammable gas harmful substance other kiln, caldron electric power facilities slinging tool slinging tool inflammable gas harmful substance	kiln, caldron													kiln, caldron
electric power facilities slinging tool timbering inflammable gas harmful substance electric power facilities slinging tool timbering inflammable gas harmful substance	industrial dryer													industrial dryer
facilities slinging tool timbering inflammable gas harmful substance facilities facilities slinging tool timbering inflammable gas harmful substance	other kiln, caldron													other kiln, caldron
timbering timber														
inflammable gas inflammable gas inflammable gas harmful substance harmful substance	slinging tool													slinging tool
harmful substance harmful substance	timbering													timbering
	inflammable gas													inflammable gas
radiation radiation radiation	harmful substance													harmful substance
	radiation													radiation

abnormal																										abnormal
environment																										environment
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total

Transition of workers' age groups of fatal and non-fatal accidents in 100101 movie production and delivery service 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
20-29	15	9	23	12	7	4	16	11	8	9	9	12	12	6	11	3	12	13	9	4	29	6	13	9	262	20-29
40-49	5	3	7	4	5	2	5	5	5	5	2	1	6	9	4	8	3	5	6	7	13	4	6	3	123	40-49
50-59	3	4	1	3	1	1	2	3	2		7	4	3	5	5	3	3	4	3	7		4	8	3	79	50-59
30-39	9	2	4	16	6	6	11	8	6	5	6	6	7	4	13	10	8	6	7	1	20	5	10	1	177	30-39
60 years old or more	1		1	1		2	2	2	3	2	1		1	3	1		2	1	2	1	1		4	1	32	60 years old or more
19 years old or less				6				1					1	1											9	19 years old or less
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 100101 movie production and delivery service 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
10-29	6	4	7	16	5	6	6	7	4	5	4	5	5	7	10	4	6	4	5	4	3	4	13	5	145	10-29
50-99	8	3	6	11	5	2	16	9	3	3	9	5	3	7	7	4	3	6	5	1	52	6	10	4	188	50-99
100-299	8	4	4	5	4	1	6	5	5	3	2	4	8	1	2	5	6	11	6	4	4	3	7	3	111	100-299
9 workers or less	7	5	7	7	3	3	4	4	2	6	7	4	4	6	5	7	9	1	5	5	3	3	6	2	115	9 workers or less
300 workers or		2	1	1	1			3	7	2	1	2	5	1	2	1	2	1	2			2	1	2	39	300 workers or
more					•						•															more
30-49	4		11	2	1	3	4	2	3	2	2	3	5	6	8	3	2	6	4	6	1	1	4	1	84	30-49

total	33 18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total	
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Transition of occured months of fatal and non-fatal accidents in 100101 movie production and delivery service 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
February	4	2	1	4	2	1	3	1	1	2	3	5	2	1	4		3	1	2	2	1		2	4	51	February
December	4		3	1	2	2	2	3	1		1	1	4	2	2	5		3	4	2			4	3	49	December
June	3	1	4	4	2	2	1	1	1	1	3		1	3	4	1	4	5	1	1	1	3	3	2	52	June
May	1	1	2	8	2	1	1	2	5	2	2	1		1		1	1	2	3	3				2	41	May
November	1	3	2	1	3		2		2	2	1	1		3	1	3	1	4	2	1		2	3	2	40	November
August	3		4	4	2	1	16	5	4	2	2	4	4	2	1		4	1	2	3	2	3	5	1	75	August
September	4	3	6	1	2	2	1	4	3	1		2	2	7	6	1	2	1	1	1	1	2	4	1	58	September
January	1	3	2	1		3	4	3	1	1		2	2	1	2	2	4	2	4	2			3	1	44	January
April	3	1	1	3			1	3	2	3		1	5		3	3	3	1	2	1	2		2	1	41	April
July	2	2	3	4		1	1	2	1	4	6	1	4		1	3	1	4	2	1	54	2	5		104	July
October	5	2	4	4	3	1	2	4	1	3	2	4	4	6	5	2	2	5	3	2		4	7		75	October
March	2		4	7	1	1	2	2	2		5	1	2	2	5	3	3		1	1	2	3	3		52	March
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total

Transition of prefectures of fatal and non-fatal accidents in 100101 movie production and delivery service 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
Tokyo	11	5	20		10		7	5	10	10	13	16	15	14	24	14	15	23	18	9	8	9	22	9	287	Tokyo
Kanagawa	1	2					2	1	2		2		2	1			2		2	1			3	3	24	Kanagawa
Nagano									1				1										1	2	5	Nagano
Hokkaido			1				2	3		1	1	1	1	2	3	2	2	1	1	3	1	1	2	1	29	Hokkaido

Osaka	3		1	3				2			1	1	1		2					4	3	1	22	Osaka
Kumamoto	1					1		1			3				1				1			1	9	Kumamoto
Kyoto	6	7	7	4	8	16	7	2	3	4	5	6		2	1		1	3	52	1			135	Kyoto
Fukuoka	4		4		1	1	3	1	3	1	1		1	2	1	2		1					26	Fukuoka
Aichi	1	1		1	14							1			2		2		1	1	1		25	Aichi
Saitama			2	1			1	1	1		1	1		1				1					10	Saitama
Hiroshima	2	1							1	1				1		1							7	Hiroshima
Miyagi									1				1	1			1				2		6	Miyagi
Niigata		1										1						1					3	Niigata
Gifu	1		1					1															3	Gifu
Kagawa																1				2			3	Kagawa
Okinawa	1	1				1																	3	Okinawa
Akita													1								1		2	Akita
Chiba					1	1																	2	Chiba
Ishikawa								1													1		2	Ishikawa
Shizuoka														1		1							2	Shizuoka
Okayama													2										2	Okayama
Ehime																	1	1					2	Ehime
Nagasaki													1								1		2	Nagasaki
Miyazaki					1			1															2	Miyazaki
Aomori																					1		1	Aomori
lwate																					1		1	lwate
Yamagata															1					1			1	Yamagata

Gunma																			1						1	Gunma
Toyama								1																	1	Toyama
Shiga																							1		1	Shiga
Hyogo																						1			1	Hyogo
Wakayama	1																								1	Wakayama
Shimane																	1								1	Shimane
Tokushima	1																								1	Tokushima
Kochi														1											1	Kochi
Saga																							1		1	Saga
Fukushima																										Fukushima
Ibaraki																										Ibaraki
Tochigi																										Tochigi
Fukui																										Fukui
Yamanashi																										Yamanashi
Mie																										Mie
Nara																										Nara
Tottori																										Tottori
Yamaguchi																										Yamaguchi
Oita																										Oita
Kagoshima																										Kagoshima
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	17	682	total

 ${\sf Data\ Source: \underline{https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html\ MHLW, Jaan}}$

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