

Fatal and non-fatal accidents in quarrying in Japan in 1999-2021

quarrying industry Code No.0202

Type of accidents in quarrying in 1999-2021

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	total	Type of accidents
fall from height	115	99	107	77	88	75	87	76	78	71	74	55	60	49	61	78	62	48	56	61	59	65	80	1,681	fall from height
falling to same level	50	44	39	29	31	17	29	29	23	28	26	18	31	29	26	32	18	21	21	24	24	20	24	633	falling to same level
crash	38	29	19	31	18	17	20	23	23	6	11	17	10	6	13	7	11	10	7	17	9	5	9	356	crash
struck by flying or falling object	51	52	52	47	38	23	28	39	27	28	21	24	19	16	22	23	16	15	12	13	11	18	6	601	struck by flying or falling object
collapse	20	18	16	18	12	10	14	9	14	6	4	6	6	6	2	5	6	2	8	4	5	4	1	196	collapse
crashed by	30	20	20	23	27	18	25	28	18	15	11	22	7	9	11	8	11	8	12	12	12	11	11	369	crashed by
caught in/between	95	107	98	85	90	87	86	68	76	54	46	41	47	52	58	59	43	45	46	38	38	38	44	1,441	caught in/between
cut	6	9	13	16	2	7	3	5	7	5	4	1	1	4	2	5	3	3	8	5	5	6	1	121	cut
injury to the sole of the foot	2		1		1		1		2							1			1	1	1			11	injury to the sole of the foot
drown		1			1	1		1					1		1	1		1						8	drown
contact to high/low-temperature	16	5	6	3	5	5	7		3		1	2	2		2		1	3	3	1	4	6	2	77	contact to high/low-temperature

engine						1	1	2					2						1				7	engine	
power transmission mechanism			9		6		8	6	7	6	1	1	3	3	4	4	7	7	3	4	3	6	3	91	power transmission mechanism
circular sawing machine			1		1		1				1				1	1	1		1	1			9	circular sawing machine	
band sawing machine																								band sawing machine	
wood planer machine																								wood planer machine	
hollow chisel mortiser, wood borer																								hollow chisel mortiser, wood borer	
chamfering machine, router, woodworking milling machine																								chamfering machine, router, woodworking milling machine	
chain saw			2			1		1				1		1						1			7	chain saw	
other woodworking machines								1			1	1			1								4	other woodworking machines	
leveling, transporting or loading machine			34		15		23	17	13	9	11	11	12	8	9	9	8	4	12	11	8	15	14	243	leveling, transporting or loading machine
excavating machine			34		18		20	15	16	13	15	17	9	15	15	15	14	8	8	11	12	10	11	276	excavating machine
foundation work machine					1		2								1							1	5	foundation work machine	

machine																								machine		
food manufacturing machine																						1		1	food manufacturing machine	
printing machine																									printing machine	
industrial robot											1													1	industrial robot	
other general power machines			20		8		13	14	20	9	4	10	5	4	7	7	4	5	9	10	3	10	6	168	other general power machines	
felling machine																			1					1	felling machine	
mobile logging machine																									mobile logging machine	
skyline yarding machine																									skyline yarding machine	
other mobile silviculture machine																									other mobile silviculture machine	
crane			2		3		1	4	2	3		1	2	2	1	2	1	2	3	1	3	4		37	crane	
mobile crane			1				2	5	1	1	1	1	4	1		6	3	2			3	2	1	33	mobile crane	
derrick crane																									derrick crane	
elevator, lift																									elevator, lift	
cargo lifting appliance																									cargo lifting appliance	
gondola																									gondola	
lumberyard equipment, logging cableway																								1	1	lumberyard equipment, logging cableway

simple skyline yarding equipment																								simple skyline yarding equipment	
other powered crane			6			1		1	1	1	1			1		1	2			2	2	19	other powered crane		
truck			40		37		27	37	23	40	40	21	24	23	35	26	37	27	28	22	26	31	43	587	truck
forklift			1		3		1	1	2		2		1	1	1		2		1		1	1	1	19	forklift
railway equipment					1																			1	railway equipment
conveyor			43		53		51	42	39	28	33	25	21	33	30	35	21	24	30	25	22	20	15	590	conveyor
loader			3		2		4	3	2		3		2	2		1	1	3	3	5	3	1	1	39	loader
straddle carrier																									straddle carrier
rough terrain hauler																		1	1					2	rough terrain hauler
other powered conveying machines			2		2		1	1	3		2	2	1		1	1	1	3		1	2			23	other powered conveying machines
cars, bus, motorcycle			4		6		5	5	4	2		1	3	2	1	3	1	4	3	2	4	1	6	57	cars, bus, motorcycle
railway vehicle																									railway vehicle
other vehicles			2				1			2		1		1	1		2			1		1	1	13	other vehicles
boiler																									boiler
pressure vessel							1									1			1					3	pressure vessel
other pressure vessels												1												1	other pressure vessels
chemical facilities							1																	1	chemical facilities
gas welding					1		1					1			1	1							2	8	gas welding

facilities			6		13		6	6	7	7	6	7	8	3	8	4	3	2	2	1	8	2	3	102	facilities
scaffolding			4		2		2	3	4	2		3	3	2		3	2	2		1	2	2	2	39	scaffolding
timbering																						1	1	timbering	
stairs, landing stage			4		9		9	7	8	5	9	2	3	5	6	5	4	3	4	5	6	5	6	105	stairs, landing stage
opening			2		2			3	3	1	1	1	2			1	1		1		1		1	20	opening
roof, beam, haze, crossbeam, principal rafter			4		1		3	1	1	1	2	1	2	1		1				1			1	20	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			10		7		6	4	2	4	4	5	2	1	5	8	6	7	4	7	6	4	7	99	working platform, boot board
passage			15		10		13	10	8	9	7	12	12	8	14	16	12	8	15	15	7	5	15	211	passage
building, establishment			10		9		6	10	13	7	2	5	9	3	5	7	2	3	3	6	7	6	3	116	building, establishment
other temporary buildings, establishments			7		5		4	3	3	1	5	2	3	1	4	9	3	1	1	5	7			64	other temporary buildings, establishments
explosive substance					1		2						1	1					2	1				8	explosive substance
inflammable substance			1																		1	1		3	inflammable substance
inflammable gas														2										2	inflammable gas
harmful substance			1		1						1													3	harmful substance
radiation																									radiation
other hazards, harmful substances			1												1		3	1	1	1				8	other hazards, harmful substances

metal material			8		12		14	16	9	11	2	8	6	6	4	7	5	5	6	9	3	3	8	142	metal material
lumber, bamboo			4		2			1	1	1	1	2	1				1	1			1			16	lumber, bamboo
stone, sand, substance			26		18		19	14	22	16	9	10	8	10	7	9	3	7	2	4	3	4	3	194	stone, sand, substance
other materials			2		2		3	1	2		1		2		2			1	1	1		1		19	other materials
load			3		4		3	1	5	2	3	4	2			1			1	1	3	3	2	38	load
machine/equipment as load			2		1				1						1		1						1	8	machine/equipment as load
natural ground, rock			20		19		14	18	12	10	11	10	13	10	9	13	14	3	10	3	8	13	5	215	natural ground, rock
standing tree			2		5		1	1	3		2	2	2	2		1	2	1	2	1		1	1	29	standing tree
water								1					2		1			1		1			1	7	water
abnormal environment										1					1									2	abnormal environment
high/cold temperature environment			2		3		1					1	1		1					1		3	1	15	high/cold temperature environment
other environments			8		1		4	3	1	2	2	3	8	4	4	9	3	2	3	2	2	3	3	67	other environments
other causal agent			1				3	1	3				2	1	1		2		1			2	1	18	other causal agent
no causal agent			6		12		3	4	5	4	7	6	4	5	2	5	5	4	3	5	5	5	7	97	no causal agent
unclassifiable			1									1				1								3	unclassifiable
total			412		337		325	296	292	229	217	201	204	183	215	235	196	167	194	192	186	189	201	4,471	total

Workers age of fatal and non-fatal accidents in quarrying in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	3	3	2	5	4	3	5	5	3						5	3	1	2			2		1	47	19 years old or less
20-29	54	56	42	26	22	22	18	18	21	15	12	10	9	8	19	10	9	12	8	11	11	11	9	433	20-29
30-39	60	48	51	54	43	45	51	59	32	37	31	31	39	26	22	37	28	23	18	18	17	16	22	808	30-39
40-49	96	88	95	72	72	60	61	56	65	43	45	42	40	54	42	49	45	35	49	44	46	40	26	1,265	40-49
50-59	165	146	146	121	125	104	127	107	106	79	73	54	60	56	58	66	49	38	54	49	50	50	66	1,949	50-59
60 years old or more	89	87	76	76	71	54	63	51	65	55	56	64	56	39	69	70	64	57	65	70	60	72	77	1,506	60 years old or more
total	467	428	412	354	337	288	325	296	292	229	217	201	204	183	215	235	196	167	194	192	186	189	201	6,008	total

Workers' number of workplace of fatal and non-fatal accidents in quarrying in 1999-2021

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	total	Workers scale
9 workers or less	186	152	133	141	139	125	133	114	117	88	87	86	90	74	81	87	80	55	68	54	42	64	65	2,261	9 workers or less
10-29	215	202	214	154	159	130	148	151	138	119	113	92	90	85	100	119	92	87	102	108	103	97	100	2,918	10-29
30-49	55	57	50	47	30	25	31	26	32	19	12	19	22	19	27	23	21	20	15	24	32	22	22	650	30-49
50-99	7	17	13	12	9	7	10	4	2	2	4	3	2	4	6	4	3	3	7	6	3	3	12	143	50-99
100-299	4		2			1	2	1	3	1	1	1		1	1	2		2	2		6	3	2	35	100-299
300 workers or more							1																	1	300 workers or more
total	467	428	412	354	337	288	325	296	292	229	217	201	204	183	215	235	196	167	194	192	186	189	201	6,008	total

Month of fatal and non-fatal accidents in quarrying in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	34	29	38	23	26	29	21	20	26	17	23	15	17	14	16	15	13	14	12	16	19	14	18	469	January
February	34	40	36	28	38	32	30	26	26	17	8	7	24	20	15	23	23	14	14	11	15	16	16	513	February
March	28	38	48	32	26	22	24	24	26	23	19	23	18	22	15	19	17	19	16	21	14	14	16	524	March
April	38	35	31	28	27	22	29	23	30	25	14	15	17	14	17	26	10	14	19	11	11	21	18	495	April
May	42	34	30	24	35	20	23	26	23	21	15	19	8	13	23	14	19	11	19	15	11	11	15	471	May
June	45	35	29	34	24	26	30	29	18	21	24	13	32	14	17	24	18	17	18	21	16	14	24	543	June
July	48	36	33	19	26	24	31	23	26	22	23	20	13	14	15	15	15	21	18	14	18	14	19	507	July
August	36	36	25	31	34	25	32	37	26	17	18	19	10	14	17	16	19	12	15	13	10	14	16	492	August
September	49	28	37	36	26	27	20	26	28	17	23	22	17	10	15	17	17	5	16	15	19	18	9	497	September
October	32	41	39	27	21	26	36	21	21	23	24	17	13	17	19	22	12	15	18	21	21	18	22	526	October
November	38	42	41	37	28	16	29	25	21	14	12	16	20	20	21	26	14	13	18	16	16	15	11	509	November
December	43	34	25	35	26	19	20	16	21	12	14	15	15	11	25	18	19	12	11	18	16	20	17	462	December
total	467	428	412	354	337	288	325	296	292	229	217	201	204	183	215	235	196	167	194	192	186	189	201	6,008	total

Prefecture of fatal and non-fatal accidents in quarrying in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	43	41	27		25		28	23	21	15	23	22	25	18	23	24	24	14	21	18	24	23	24	506	Hokkaido
Aomori	8	5	10		10		5	3	3	4	5	5	4	3	2	3	1	3	2	1	4	2	4	87	Aomori
Iwate	12	4	11		7		7	7	6	7	5	6	2	3	5	6	5	7	5	2	2	4	8	121	Iwate

Miyagi	6	6	7		4		10	12	3	3	7	2	6	7	7	13	15	7	8	9	4	3	6	145	Miyagi
Akita	9	11	6		7		6	8	4		2	3	3	3	5	6	3	2	2	5	6	2	3	96	Akita
Yamagata	13	18	14		9		8	6	6	4	1	5	5	4	5	5	3	6	4		6	5	5	132	Yamagata
Fukushima	10	15	4		14		12	8	5	5	2	4	3	4	9	7	6	8	9	11	4	5	5	150	Fukushima
Ibaraki	13	13	9		11		11	6	9	9	5	7	6	8	3	4	6	5	5	7	6	10	6	159	Ibaraki
Tochigi	9	10	10		10		12	10	13	13	7	7	11	8	10	6	3	6	4	8	7	6	8	178	Tochigi
Gunma	9	8	10		7		3	3	4	6	4	2	3	2	4	1		2	3	2	1	1	1	76	Gunma
Saitama	6	9	1		2		3	1	5	1	1	4	2	1	1	1		1	3	3	1		1	47	Saitama
Chiba	6	8	3		3		1	3	6	2	2	4	4	3	4	1	2	3	4	5	4	3	2	73	Chiba
Tokyo	8	8	4		2		3	4	5	1	3	1	3	4	2	2	2	1	2	3		2	2	62	Tokyo
Kanagawa	6	4	8		5		1	4	3	4	1	2	1	1	2	5	2	1	2	1	1	4	2	60	Kanagawa
Niigata	13	15	13		13		10	11	9	8	3	4	5	10	7	5	6	5	4	6	5	3	17	172	Niigata
Toyama	7	4	9		2		8	1		4	5	4	4	1	4	4	3	1	2	3	1	1	2	70	Toyama
Ishikawa	5	2	6		7		6	1	1	1	3	1	4	1	4	2	3	1	3		1	2	2	56	Ishikawa
Fukui	7	10	1		2		2		2			1	2	2	2	1	4	3	4	2		3		48	Fukui
Yamanashi	9	3	6		7		7	3	6	4	2	4	4	3	2	4	1	1	2	3	2	3	4	80	Yamanashi
Nagano	18	8	15		11		7	4	10	8	10	6	4	2	5	4	4	2	3	6	10	8	7	152	Nagano
Gifu	14	15	13		13		13	12	10	11	5	3	5	4	2	7	5	8	4	11	6	5	4	170	Gifu
Shizuoka	16	6	8		15		8	12	13	14	16	4	6	11	5	9	4	3	9	7	6	3	7	182	Shizuoka
Aichi	12	13	17		10		6	6	6	9	6	6	6	12	7	9	2	5	2	7	6	8	5	160	Aichi
Mie	11	29	26		17		10	5	4	8	5	5	3	4	10	10	9	6	4	7	6	5	10	194	Mie
Shiga	2	3	5		5		2	3	2	1	2	2	3		2		2	1	1		1	2		39	Shiga
Kyoto	7	4	8		11		6	3	5	3	1	1	3	3	6	6	5	2	8	2	1	6	3	94	Kyoto

Osaka	5	3	7		2		3		4	4	1	3	3	3	1		5	3	6	2	2	3	1	61	Osaka
Hyogo	21	15	20		6		13	9	12	7	10	13	8	10	6	11	6	3	5	2	7	11	9	204	Hyogo
Nara	1	1			2		2	4	3	1	1		2	2	2	1	4	3			4	1		34	Nara
Wakayama	4	4	4		2		2	2	2	1	1		2	1	2	1	2	3	1	1	1	2	2	40	Wakayama
Tottori	3	4	2		5		4	1	2	1	1	2	1		1	1		2	1	2		1		34	Tottori
Shimane	9	7	4		5		7	3	7	5	5	4	5	2	2	1	3	3	1	4	2	2	3	84	Shimane
Okayama	9	11	11		8		10	9	12	7	6	4	6	6	9	8	5	7	10	5	4	6	8	161	Okayama
Hiroshima	15	17	12		8		8	6	12	2	6	3	5	3	8	7	5	2	7	8	6	5	4	149	Hiroshima
Yamaguchi	5	7	7		6		3	8	4	1	4	5	1	3	3	5	5	3	1	2	1	3	3	80	Yamaguchi
Tokushima	1	7	3		3		1	4	2	1	4	1	1	2	1	3	1	1	5	2	3	3	2	51	Tokushima
Kagawa	18	7	9		8		11	7	7	7	5	3		1	2	4	2	6	4	3	4	3	1	112	Kagawa
Ehime	14	11	15		16		17	15	14	8	11	11	13	6	13	13	9	4	4	6	3	4	4	211	Ehime
Kochi	7	1	6		1		3	2	4	2	2	2	1	1		1		1	1	1	3	2		41	Kochi
Fukuoka	18	12	13		7		3	13	6	8	8	6	8	4	5	6	6	5	4	5	5	3	7	152	Fukuoka
Saga	6	3	7		3		1	5	2	4	2	4	1	2	1	3	4	1	1	4	2	2	4	62	Saga
Nagasaki	10	6	7		3		7	6	6	4	5	2	5	1	4	6	2	2	4	2	7	5	2	96	Nagasaki
Kumamoto	20	23	11		10		12	18	8	8	10	10	5	8	5	5	6	5	7	5	11	7	3	197	Kumamoto
Oita	9	6	4		5		8	8	5	6	2	3	3	1	3	6	4	5	1	2	2	2	2	87	Oita
Miyazaki	6	3	11		1		3	6	4	3	4	6	2	1	3	3	4		4	1	2	2	5	74	Miyazaki
Kagoshima	7	8	7		7		10	11	15	4	3	4	5	4	5	4	3	4	6	5	2	3	2	119	Kagoshima
Okinawa			1				2								1	1			1	1			1	8	Okinawa
total	467	428	412		337		325	296	292	229	217	201	204	183	215	235	196	167	194	192	186	189	201	5,366	total

injury to the sole of the foot																										injury to the sole of the foot	
drown		1			1	1		1					1		1	1		1								8	drown
contact to high/low-temperature																1										1	contact to high/low-temperature
contact to harmful substance																											contact to harmful substance
electric shock		1	1			1																				3	electric shock
explosion	1													1							1					3	explosion
burst																											burst
fire																1										1	fire
traffic accident (public road)	1	1		1	1					1							2						1			8	traffic accident (public road)
traffic accident (others)																											traffic accident (others)
reaction to motion/improper motion																											reaction to motion/improper motion
others		1								1				1				1								4	others
unclassifiable																											unclassifiable
total	24	21	23	17	10	14	16	15	11	7	9	4	12	6	8	13	10	6	13	2	10	8	11	270	total		

engine																								engine	
power transmission mechanism																								power transmission mechanism	
woodworking machine																								woodworking machine	
construction machine	7	2	6	6	1	5	4	2	3	3	3	1	6	1	2	5	2	1	3		2	2	4	71	construction machine
metal manufacturing machine																									metal manufacturing machine
general machine	1	4	3		1			2							1	1							1	14	general machine
mobile silviculture machine																									mobile silviculture machine
crane				1																				1	crane
conveying machine	4	6	3	4	3	3	4	6	7	3	5	2	2	2	2	2	4	2	5		5	3	3	80	conveying machine
vehicle	1				1																		2	4	vehicle
pressure vessel																									pressure vessel
chemical facilities																									chemical facilities
welding equipment			1													1								2	welding equipment

pressure vessel																								pressure vessel	
other pressure vessels																								other pressure vessels	
chemical facilities																								chemical facilities	
gas welding equipment															1									1	gas welding equipment
arc welding equipment			1																					1	arc welding equipment
other welding equipment																								other welding equipment	
kiln, caldron																								kiln, caldron	
industrial dryer																								industrial dryer	
other kiln, caldron																								other kiln, caldron	
transmission						1																		1	transmission
electric power facilities																								electric power facilities	
other electrical equipment																								other electrical equipment	
human power cranes																								human power cranes	
human power hauling equipment																								human power hauling equipment	
human power machine																								human power machine	

no causal agent									1									1							2	no causal agent
unclassifiable																										unclassifiable
total	24	21	23	17	10	14	16	15	11	7	9	4	12	6	8	13	10	6	13	2	10	8	11	270	total	

Workers age of fatal accidents in quarrying in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less								1																1	19 years old or less
20-29	1	2	2		2			2					2	1	1	2						1		16	20-29
30-39	3	1	2	2		4	2	2	1	1	2					1				1	1			23	30-39
40-49	2	5	2	8	4		4	1	1	1	3		3	1	1		1	1	2		1	2	2	45	40-49
50-59	11	8	9	4	2	6	7	8	7	3	1	2	2	2	1	4	5	3	4		3	1	3	96	50-59
60 years old or more	7	5	8	3	2	4	3	1	2	2	3	2	5	2	5	6	4	2	7	1	5	4	6	89	60 years old or more
total	24	21	23	17	10	14	16	15	11	7	9	4	12	6	8	13	10	6	13	2	10	8	11	270	total

Workers' number of workplace of fatal accidents in quarrying in 1999-2021

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	total	Workers scale
9 workers or less	5	12	5	5	3	6	5	3	4	1	2	2	4	3	3	6	4	3	9	1	3	5	1	95	9 workers or less
10-29	17	8	13	9	5	8	10	11	6	6	6	2	7	2	5	6	5	2	3	1	6	3	6	147	10-29
30-49	2	1	4	3	2		1		1		1		1	1		1	1	1			1		1	22	30-49
50-99								1											1				3	5	50-99

100-299			1																						1	100-299
300 workers or more																										300 workers or more
total	24	21	23	17	10	14	16	15	11	7	9	4	12	6	8	13	10	6	13	2	10	8	11	270	total	

Month of fatal accidents in quarrying in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	3	4	3	1		2	2	2			1				2			1	1		1		1	24	January
February		2	4	2	3		3						1		1	1	2	1	2		1	1		24	February
March		1	3	2		1				1	1		2	1	1	2	1				2			18	March
April	2	3		1	1	2	2	4	2			1		1		2	1	1	2			1	1	27	April
May	2			1		2	2		1	2		1	1	1		1			1			1		16	May
June	5	1	1		1		1	1	1	1	4		3	1			1	1	2			1	2	27	June
July	1		2	1	1		2	3	2	1	1	1	1	1	1	1	2		1		1			23	July
August	3	2	1	2	1	4		1	1	1			1			1	1	1		1			2	23	August
September	2		2	2		2	2	1	1				1				2		1	1	2	1		20	September
October	1	1	4	1	1		1	2				1			2	1			2		3		2	22	October
November	3	3	2	3	1	1	1		1				2			3		1	1			2	2	26	November
December	2	4	1	1	1			1	2	1	2			1	1	1						1	1	20	December
total	24	21	23	17	10	14	16	15	11	7	9	4	12	6	8	13	10	6	13	2	10	8	11	270	total

Prefecture of fatal accidents in quarrying in 1999-2021

Shizuoka		2		1		1	1			1								1		1	1		9	Shizuoka	
Aichi	1		1	1			1			1		1	1		1						1		9	Aichi	
Mie	1		1									1	1		1	2							7	Mie	
Shiga	1	1																					2	Shiga	
Kyoto					2		1	1	1		1					2						1	1	10	Kyoto
Osaka												1	1			1		1					4	Osaka	
Hyogo			2			1			1		1	1					1						7	Hyogo	
Nara							1																1	Nara	
Wakayama							1																1	Wakayama	
Tottori					1		1																2	Tottori	
Shimane		1			1					1					1								4	Shimane	
Okayama	1		2															3					6	Okayama	
Hiroshima	3			1				2			1					1				1	1		10	Hiroshima	
Yamaguchi		1														1	1				1		4	Yamaguchi	
Tokushima				1			1																2	Tokushima	
Kagawa						1		1						1									3	Kagawa	
Ehime			1	1			1								1	1					1		6	Ehime	
Kochi			1			1	1				1										1		5	Kochi	
Fukuoka			4	1		1		2														1	9	Fukuoka	
Saga		1	1																			1	3	Saga	
Nagasaki								1				1						1	1	1			5	Nagasaki	
Kumamoto	1	2		1		1				1	1									1			8	Kumamoto	
Oita	3			1												1				1			6	Oita	

Miyazaki	1		1			1			1							1						1		6	Miyazaki	
Kagoshima		1		2		1		1	2			1													8	Kagoshima
Okinawa																										Okinawa
total	24	21	23	17	10	14	16	15	11	7	9	4	12	6	8	13	10	6	13	2	10	8	11	270	total	

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

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