

Fatal and non-fatal accidents in cargo handling service in Japan in 1999-2021

cargo handling service industry Code No.05

Type of accidents in cargo handling service 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	301	323	374	356	365	317	375	385	357	325	249	269	288	265	252	279	271	286	333	288	313	298	325	7,194	fall from height
falling to same level	186	169	205	182	177	175	211	190	223	233	206	210	240	231	237	286	249	277	313	375	381	384	438	5,778	falling to same level
crash	121	126	131	115	108	106	139	138	103	135	103	116	102	93	105	109	128	95	145	148	173	171	199	2,909	crash
struck by flying or falling object	164	130	148	119	143	153	123	122	130	122	90	83	89	102	105	103	100	125	103	115	103	106	120	2,698	struck by flying or falling object
collapse	63	64	68	59	48	55	55	61	47	64	44	68	66	35	40	43	60	36	55	53	45	64	68	1,261	collapse
crashed by	139	140	130	140	128	152	128	150	123	139	119	113	113	116	107	119	119	113	139	154	142	158	149	3,030	crashed by
caught in/between	317	326	309	299	348	331	309	284	275	292	215	250	243	229	224	226	211	221	244	248	273	270	278	6,222	caught in/between
cut	39	50	56	32	36	40	37	56	44	42	43	26	34	49	33	43	35	33	28	40	42	53	42	933	cut
injury to the sole of the foot	3	2	5	3	3	2	3	4	1	5		1	2	3	1		6	3	3	1	1	3	6	61	injury to the sole of the foot
drown	1	1		7	1	3	2			1	1		12				1	2	2				1	35	drown
contact to high/low-temperature	14	10	12	15	10	10	3	12	10	17	2	14	8	13	12	23	10	29	21	28	25	24	18	340	contact to high/low-temperature
contact to harmful	6	3	6	3	4	3	5	5	6	3		1	2	4	13	1	2	1	1	1	1	1	4	76	contact to harmful

substance																										substance
electric shock			1				1					1		2				1	1						7	electric shock
explosion		1	1					2				1			1			1					1		8	explosion
burst	1	1	1	1		1				1	1						1	1							9	burst
fire	1		1			1		3			1	1			1		1	1			2				13	fire
traffic accident (public road)	28	32	37	53	46	35	47	30	70	42	32	50	27	36	36	37	22	32	41	34	50	34	38	889	traffic accident (public road)	
traffic accident (others)	3	4	4	1		1	2	2	5	1	2		3	2	3	1	1	1		2	3	3	2	46	traffic accident (others)	
reaction to motion/improper motion	150	143	160	154	184	174	181	178	208	196	187	172	191	215	216	206	225	247	290	274	365	400	459	5,175	reaction to motion/improper motion	
others	6	5	5	2	4	6	5	5	2	8	5	7	13	8	4	5	6	9	8	10	12	21	97	253	others	
unclassifiable	1	1	2	2	1	1	2	2	2	2	2	3	2	4	2	5	1	2	2	1	6	2		48	unclassifiable	
total	1,544	1,531	1,656	1,543	1,606	1,566	1,628	1,629	1,606	1,628	1,302	1,386	1,435	1,407	1,392	1,486	1,449	1,516	1,729	1,772	1,937	1,992	2,245	36,985	total	

Causal agents (large) of fatal and non-fatal accidents in cargo handling service in 1999-2021

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	total	Causal (L) agents
machine	46	49	45	36	45	57	50	55	43	44	40	33	41	36	30	35	33	33	38	33	40	38	46	946	machine
crane, conveying machine	555	616	613	619	605	613	600	617	610	598	417	473	449	436	467	467	418	437	502	505	510	507	510	12,144	crane, conveying machine
other equipment	247	212	283	225	259	239	276	281	268	302	245	247	272	289	285	323	310	343	386	398	426	492	543	7,151	other

																									equipment
temporary buildings, establishments	186	209	218	224	234	192	254	233	227	250	220	256	262	246	212	261	276	275	315	347	373	347	411	6,028	temporary buildings, establishments
substance, material	166	131	129	124	134	122	122	107	124	107	72	67	76	63	91	89	71	82	87	56	98	60	76	2,254	substance, material
load	257	240	286	241	242	248	245	257	247	247	247	226	219	230	221	197	245	222	265	279	301	351	379	5,892	load
environment	13	7	17	20	15	16	13	14	12	21	8	21	35	27	21	31	17	36	33	52	37	39	34	539	environment
others	74	67	65	54	72	79	68	65	75	59	53	63	81	80	65	83	79	88	103	102	152	158	246	2,031	others
total	1,544	1,531	1,656	1,543	1,606	1,566	1,628	1,629	1,606	1,628	1,302	1,386	1,435	1,407	1,392	1,486	1,449	1,516	1,729	1,772	1,937	1,992	2,245	36,985	total

Causal agents (middle) of fatal and non-fatal accidents in cargo handling service in 1999-2021

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	total	Causal (M) agents
engine		1			1					2	1	2		1		1	1						2	12	engine
power transmission mechanism	2	5			4	4	4	1	2		3	4	4	1	1		4	1	3	4	3	1	4	55	power transmission mechanism
woodworking machine	14	20	18	12	7	15	13	17	9	14	11	7	13	10	6	12	9	8	3	6	8	7	4	243	woodworking machine
construction machine	7	8	10	10	11	13	8	10	6	13	4	8	9	9	7	5	6	8	14	7	5	7	16	201	construction machine
metal manufacturing machine	10	5	3	2	3	4	4	7	8	2	4	3		2	3		1	1	4	1	2	2	1	72	metal manufacturing machine

general machine	13	10	14	12	19	21	21	20	18	13	17	9	15	13	13	17	12	14	14	14	22	21	19	361	general machine
mobile silviculture machine																		1		1				2	mobile silviculture machine
crane	79	95	77	77	63	69	51	48	53	59	34	35	40	41	31	40	36	31	38	19	38	28	37	1,119	crane
conveying machine	426	471	487	483	493	494	494	518	468	476	325	375	375	354	389	378	348	376	419	428	412	424	419	9,832	conveying machine
vehicle	50	50	49	59	49	50	55	51	89	63	58	63	34	41	47	49	34	30	45	58	60	55	54	1,193	vehicle
pressure vessel	2	1	4		1			1	1		2					1				1	1		1	16	pressure vessel
chemical facilities					2		1			1														4	chemical facilities
welding equipment			1	3	1		1			1				1		1					3			12	welding equipment
kiln, caldron			1		1	1		1	1			1							1	1				8	kiln, caldron
electric equipment		2	1	1			2	1	1	1	1	1	1	2		2		1	1	2		1	2	23	electric equipment
human power machine, tools	62	80	81	68	67	81	76	97	91	119	112	106	99	120	104	128	125	126	177	186	178	234	254	2,771	human power machine, tools
tools	161	110	165	131	163	142	163	149	154	151	99	116	150	135	147	169	154	177	169	164	206	198	232	3,605	tools
other equipments, facilities	22	19	30	22	24	15	33	32	20	29	31	23	22	31	34	22	31	39	38	44	38	59	54	712	other equipments, facilities
temporary buildings, establishments	186	209	218	224	234	192	254	233	227	250	220	256	262	246	212	261	276	275	315	347	373	347	411	6,028	temporary buildings, establishments

hazards, harmful substances	8	2	6	3	5	3	4	5	7	6	1		3	3	14	7	3	2	1	3	2	2	6	96	hazards, harmful substances
materials	158	129	123	121	129	119	118	102	117	101	71	67	73	60	77	82	68	80	86	53	96	58	70	2,158	materials
load	257	240	286	241	242	248	245	257	247	247	247	226	219	230	221	197	245	222	265	279	301	351	379	5,892	load
natural environment	13	7	17	20	15	16	13	14	12	21	8	21	35	27	21	31	17	36	33	52	37	39	34	539	natural environment
other causal agent	35	31	21	9	9	13	11	11	12	13	7	8	16	13	13	11	16	13	18	11	21	23	102	437	other causal agent
no causal agent	36	35	42	41	60	63	56	51	60	45	43	53	63	62	49	67	61	73	82	90	122	132	142	1,528	no causal agent
unclassifiable	3	1	2	4	3	3	1	3	3	1	3	2	2	5	3	5	2	2	3	1	9	3	2	66	unclassifiable
total	1,544	1,531	1,656	1,543	1,606	1,566	1,628	1,629	1,606	1,628	1,302	1,386	1,435	1,407	1,392	1,486	1,449	1,516	1,729	1,772	1,937	1,992	2,245	36,985	total

Causal agents (small) of fatal and non-fatal accidents in cargo handling service in 1999-2021

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	total	Causal (S) agents
engine					1					2	1	2		1		1	1						2	11	engine
power transmission mechanism					4		4	1	2		3	4	4	1	1		4	1	3	4	3	1	4	44	power transmission mechanism
circular sawing machine			8		5		9	11	4	5	4	4	6	3	3	8	4	4	1	2	5	3	3	92	circular sawing machine
band sawing machine			1		1				2	1							1							6	band sawing machine
wood planer machine														1										1	wood planer machine

buffing machine			2		2			2	2		2	1							1	1			14	buffing machine		
power press									1			1		1	1									4	power press	
forging pressure hammer																									forging pressure hammer	
shearing machine								1						1						1	2			5	shearing machine	
other metal manufacturing machines			1		1		3	4	5	2	2	1		1			1	1	3				1	26	other metal manufacturing machines	
centrifugal machine																									centrifugal machine	
mixer, grinder			1		1		1		1	2	1			1		1			1					10	mixer, grinder	
roll machine (except printingroll machine)			1			1							1			1							2	1	7	roll machine (except printingroll machine)
injection molding machine																										injection molding machine
food manufacturing machine					1		3	2	1		2		2		1	3	2	1							18	food manufacturing machine
printing machine					1																		1		2	printing machine
industrial robot			1		1		1						1					1				1			6	industrial robot
other general power machines			11		15		15	18	16	11	14	9	11	13	11	13	9	13	13	13	20	18	19		262	other general power machines
felling machine																										felling machine
mobile logging machine																										mobile logging machine
skyline yarding																		1							1	skyline yarding

machine																									machine
other mobile silviculture machine																			1					1	other mobile silviculture machine
crane			29		28		25	24	25	35	17	16	17	27	12	24	18	15	16	10	18	14	18	388	crane
mobile crane			31		24		18	12	16	17	10	8	12	9	5	6	12	6	15	4	9	6	10	230	mobile crane
derrick crane			3					1	1			1	1											7	derrick crane
elevator, lift			4		4			3	3	2	5	2	6	3	6	2	3	1	2	1	6	4	2	59	elevator, lift
cargo lifting appliance			6		6		5	6	6	4	1	5	3	1	6	5	1	6	4	3	2	4	2	76	cargo lifting appliance
gondola																	1							1	gondola
lumberyard equipment, logging cableway																					1		1	2	lumberyard equipment, logging cableway
simple skyline yarding equipment																									simple skyline yarding equipment
other powered crane			4		1		3	2	2	1	1	3	1	1	2	3	1	3	1	1	2		4	36	other powered crane
truck			204		211		215	218	207	190	135	162	149	138	147	143	128	147	180	165	151	150	161	3,201	truck
forklift			223		216		212	229	208	204	148	165	174	167	195	172	171	183	184	199	205	214	190	3,659	forklift
railway equipment			1		2		1		3					3		2	1		1		1	1		16	railway equipment
conveyor			36		43		42	39	33	46	25	30	27	30	31	37	37	34	38	42	39	40	53	702	conveyor
loader			1		3		3	2	1	3	3	1	2	2		1	1	2	2	1		5	2	35	loader
straddle carrier					3					5		1	2	1	1	4		2	1	2	1		1	24	straddle carrier
rough terrain hauler								1														1		2	rough terrain hauler
other powered			22		15		21	29	16	28	14	16	21	13	15	19	10	8	13	19	15	13	12	319	other powered

conveying machines																									conveying machines	
cars, bus, motorcycle			26		29		34	27	63	40	34	41	16	24	31	33	17	22	26	38	39	40	27	607	cars, bus, motorcycle	
railway vehicle			1		1		1				1	1		1				1	1		1		2	11	railway vehicle	
other vehicles			22		19		20	24	26	23	23	21	18	16	16	16	17	7	18	20	20	15	25	366	other vehicles	
boiler																									boiler	
pressure vessel			1																		1			2	pressure vessel	
other pressure vessels			3		1			1	1			2								1			1	11	other pressure vessels	
chemical facilities					2		1			1														4	chemical facilities	
gas welding equipment			1		1		1			1				1								1		6	gas welding equipment	
arc welding equipment																1						2		3	arc welding equipment	
other welding equipment																									other welding equipment	
kiln, caldron			1		1			1	1															4	kiln, caldron	
industrial dryer																				1				1	industrial dryer	
other kiln, caldron												1							1					2	other kiln, caldron	
transmission			1								1		1	2			2			1	1		1	1	11	transmission
electric power facilities							1					1											1	3	electric power facilities	
other electrical equipment							1	1	1	1									1		1			6	other electrical equipment	
human power			3		1		1	1		2		3	1	2	2	1			2	2	1	16	24	54	116	human power

cranes																									cranes
human power hauling equipment			46		44		51	71	67	94	86	84	74	90	85	102	109	106	156	155	137	174	157	1,888	human power hauling equipment
human power machine			1		1		5	4	2		2	1	2		3		1	3	2		1	1	6	35	human power machine
hand tool			31		21		19	21	22	23	24	18	22	28	14	25	15	15	17	30	24	35	37	441	hand tool
ladder			49		45		44	36	47	34	25	36	34	39	37	50	42	39	48	40	51	57	67	820	ladder
slinging tool			25		25		16	23	19	15	14	12	11	10	11	10	12	14	11	8	13	11	12	272	slinging tool
other tools			91		93		103	90	88	102	60	68	105	86	99	109	100	124	110	116	142	130	153	1,969	other tools
other equipment, facilities			30		24		33	32	20	29	31	23	22	31	34	22	31	39	38	44	38	59	54	634	other equipment, facilities
scaffolding			5		5		6	1	5	1	1	3		3	2	3			3	3	3	2	4	50	scaffolding
timbering										1														1	timbering
stairs, landing stage			33		44		44	49	44	47	37	42	51	43	35	41	54	52	44	56	64	67	77	924	stairs, landing stage
opening			6		6		6	2	5	9	11	10	6	6	4	9	8	10	6	13	8	7	9	141	opening
roof, beam, haze, crossbeam, principal rafter			2		3			3	2	3	1	3		3	1	4	2						2	29	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			53		41		26	45	26	47	38	40	55	43	25	51	43	45	54	42	57	41	61	833	working platform, boot board
passage			58		73		91	67	74	71	79	92	94	82	93	93	98	115	143	169	159	153	177	1,981	passage
building, establishment			28		36		45	38	42	41	31	37	34	39	32	32	43	29	38	44	43	34	42	708	building, establishment
other temporary buildings, establishments			33		26		36	28	29	30	22	29	22	27	20	28	28	24	27	20	39	43	39	550	other temporary buildings, establishments

explosive substance			1				2														1				4	explosive substance
inflammable substance			1		1		1			1				1	2	1	1								9	inflammable substance
inflammable gas					1		1					1												1	4	inflammable gas
harmful substance			3		3		2	6	4			1	1	12	1			1	1	1	1				37	harmful substance
radiation																										radiation
other hazards, harmful substances			1				3		1	2			1	2	1	4	2	1		1	1	1		5	26	other hazards, harmful substances
metal material			72		72		66	61	71	60	37	42	46	32	39	45	38	45	43	35	57	29	36	926	metal material	
lumber, bamboo			34		41		38	25	29	25	19	18	14	17	23	15	13	19	26	14	17	15	15	417	lumber, bamboo	
stone, sand, substance			2		3		2	3	1	3	2		1		1	4			1	3	4		1	31	stone, sand, substance	
other materials			15		13		12	13	16	13	13	7	12	11	14	18	17	16	16	1	18	14	18	257	other materials	
load			278		234		236	247	236	236	236	217	213	218	212	189	237	217	259	273	294	345	376	4,753	load	
machine/equipment as load			8		8		9	10	11	11	11	9	6	12	9	8	8	5	6	6	7	6	3	153	machine/equipment as load	
natural ground, rock					2		2	2	1	1	1		2	1		1		1	1	1	1	2	1	20	natural ground, rock	
standing tree			1						1		1					1				1	1	1	1	8	standing tree	
water					1		1						12	1	1			2	2	2	1	2	1	26	water	
abnormal environment			1				1	1	1		1	1	1	2			1	1		1				12	abnormal environment	
high/cold temperature environment			3		5		1	4	4	9	1	12	6	11	9	14	7	26	18	25	23	23	14	215	high/cold temperature environment	

other environments			12		7		8	7	5	11	4	8	14	12	11	15	9	6	12	22	11	11	17	202	other environments
other causal agent			21		9		11	11	12	13	7	8	16	13	13	11	16	13	18	11	21	23	102	349	other causal agent
no causal agent			42		60		56	51	60	45	43	53	63	62	49	67	61	73	82	90	122	132	142	1,353	no causal agent
unclassifiable			2		3		1	3	3	1	3	2	2	5	3	5	2	2	3	1	9	3	2	55	unclassifiable
total			1,656		1,606		1,628	1,629	1,606	1,628	1,302	1,386	1,435	1,407	1,392	1,486	1,449	1,516	1,729	1,772	1,937	1,992	2,245	30,801	total

Workers age of fatal and non-fatal accidents in cargo handling service 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	29	32	36	21	34	35	33	29	38	29	20	22	21	25	26	26	26	43	34	29	40	37	39	704	19 years old or less
20-29	336	328	327	296	344	298	292	292	254	285	203	193	205	207	175	188	203	196	227	244	241	250	320	5,904	20-29
30-39	321	332	364	374	403	383	422	410	438	409	311	315	341	305	316	314	281	270	302	296	341	300	356	7,904	30-39
40-49	278	292	304	298	283	294	327	303	353	363	311	355	380	389	395	442	422	432	493	471	506	507	582	8,780	40-49
50-59	464	427	486	426	429	392	388	446	367	358	281	325	285	297	318	310	326	354	430	481	500	579	619	9,288	50-59
60 years old or more	116	120	139	128	113	164	166	149	156	184	176	176	203	184	162	206	191	221	243	251	309	319	329	4,405	60 years old or more
total	1,544	1,531	1,656	1,543	1,606	1,566	1,628	1,629	1,606	1,628	1,302	1,386	1,435	1,407	1,392	1,486	1,449	1,516	1,729	1,772	1,937	1,992	2,245	36,985	total

Workers' number of workplace of fatal and non-fatal accidents in cargo handling service 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	239	258	278	259	233	294	253	274	237	224	135	159	154	151	144	165	121	150	168	164	160	127	145	4,492	9 workers or less
10-29	400	395	452	442	498	444	458	439	445	436	314	373	339	361	344	319	346	390	386	334	383	357	370	9,025	10-29
30-49	259	246	296	255	301	269	263	261	281	295	221	242	258	235	214	258	213	257	305	325	347	305	319	6,225	30-49

load	3	5	6	5	1	4	1	3	3	4	4	2	1		1	1	2	1		2	1	1		51	load
natural environment		1		3	1		2		1		1	1	12			2	1	3	1	2			1	32	natural environment
other causal agent																									other causal agent
no causal agent											1		2			1	2	1	1	1				9	no causal agent
unclassifiable						1	1							1										3	unclassifiable
total	21	20	26	25	18	20	18	25	19	15	16	14	29	9	7	10	15	16	15	10	13	13	7	381	total

Causal agents (small) of fatal accidents in cargo handling service in 1999-2021

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	total	Causal (S) agents		
engine																										engine	
power transmission mechanism																											power transmission mechanism
circular sawing machine																											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

other hazards, harmful substances																									other hazards, harmful substances	
metal material						3		1	1																5	metal material
lumber, bamboo			1																						1	lumber, bamboo
stone, sand, substance																										stone, sand, substance
other materials	1		1																						2	other materials
load	3	5	6	5	1	3	1	3	3	4	4	2	1		1	1	2	1		2	1	1			50	load
machine/equipment as load						1																			1	machine/equipment as load
natural ground, rock																										natural ground, rock
standing tree																										standing tree
water				2			1				1		11					2	1					1	19	water
abnormal environment		1					1					1					1	1							5	abnormal environment
high/cold temperature environment				1						1						2				2					6	high/cold temperature environment
other environments					1								1												2	other environments
other causal agent																										other causal agent
no causal agent											1		2		1	2	1	1	1						9	no causal agent
unclassifiable						1	1							1											3	unclassifiable
total	21	20	26	25	18	20	18	25	19	15	16	14	29	9	7	10	15	16	15	10	13	13	7	381	total	

January	3	5	1	3	2	3	2	1	3		2		1		1	2	1	3	1	4			38	January	
February		2	3	2	3	1		1			2	1	2			1	1		2	3	1		25	February	
March	2		3	2	3	3	3	3	2	2		1	13	2	2	1		3			1		46	March	
April	4	3	2	1	2	1		2	4	1	2	1	3		2	1	1	2					32	April	
May			1	3		1	1	2	2		1	2	3	1			2	2	2	1			1	25	May
June		1	1	3	2	2	4	3			1	1	1	1		2	2		1	2	1	2	1	31	June
July	1	1	3	2	1	1		2	1	3	3		1	2		2	1	3	1	2	1			31	July
August	4	1	2	2	1			1	2	3	1	1		1	2	2		1	3		2	1		30	August
September	3		3	2		1	1	5	2	2	1	1	1			1			2	1		3		29	September
October			3	2	2	3	1	2	1	1	3		4				3	3				2	1	31	October
November	2	3	1	2		3	2	2	1	1		4			1		1			1	2	2	3	31	November
December	2	4	3	1	2	1	4	1	1	2	2	1	1				2		3			1	1	32	December
total	21	20	26	25	18	20	18	25	19	15	16	14	29	9	7	10	15	16	15	10	13	13	7	381	total

Prefecture of fatal accidents in cargo handling service 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	1		2	4	1	2	2	3	5	1	2	4	1	1	1		2					2		34	Hokkaido	
Aomori			1									1									1				3	Aomori
Iwate													1												1	Iwate
Miyagi					1								11								1			1	14	Miyagi
Akita																										Akita
Yamagata																										Yamagata
Fukushima			2						1							1			1						5	Fukushima
Ibaraki	1				1	1		1			1		1			2	1		1	1					11	Ibaraki

Tochigi			1						1					1								3	Tochigi	
Gunma																							Gunma	
Saitama		1		2					1	1		1		1		2			2	1		13	Saitama	
Chiba	1	1	2	4	1	1	3	4	2		3			2		2	2	2	2	1		2	35	Chiba
Tokyo	4	3		2	3	1		1	1	1	1		3	1	1				1		2	1	26	Tokyo
Kanagawa	4	3	5	3		4	6	5		3	3	1	5		1		3	1		1	1	1	50	Kanagawa
Niigata									1														1	Niigata
Toyama																								Toyama
Ishikawa																								Ishikawa
Fukui																								Fukui
Yamanashi																								Yamanashi
Nagano						1																	1	Nagano
Gifu													1										1	Gifu
Shizuoka				1		2	1													1			5	Shizuoka
Aichi	2	3		3	3	1		3	1	1				1		1	3	2	1	2	3		30	Aichi
Mie			3									1			1		1					1	7	Mie
Shiga						1																	1	Shiga
Kyoto						1																	1	Kyoto
Osaka		2	2	1	3	1	1	2	3	3	2	2		1		2	1	1	2	1		1	31	Osaka
Hyogo		1	3	1	1	3		3	1	1	2	2	1		1		1	2	1		1	1	26	Hyogo
Nara		1																					1	Nara
Wakayama												1											1	Wakayama
Tottori													1	1									2	Tottori
Shimane														1									1	Shimane

Okayama			1				1					1	2											5	Okayama
Hiroshima	4	1							2		1		2	1				1	1					13	Hiroshima
Yamaguchi	2			1			1						1							1	1			7	Yamaguchi
Tokushima																							1	1	Tokushima
Kagawa																		1						1	Kagawa
Ehime								2	1												1			4	Ehime
Kochi																									Kochi
Fukuoka	1	3		1	2	1	1			1		1				1	2	1	1	2	1	1		20	Fukuoka
Saga																			1			1		2	Saga
Nagasaki							1												1					2	Nagasaki
Kumamoto		1	2	1															1					5	Kumamoto
Oita							1			1								1				1		4	Oita
Miyazaki																									Miyazaki
Kagoshima	1				1			1		1			1		1	1		1						8	Kagoshima
Okinawa			2	1	1																		1	5	Okinawa
total	21	20	26	25	18	20	18	25	19	15	16	14	29	9	7	10	15	16	15	10	13	13	7	381	total

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

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