Fatal and non-fatal accidents in other health and hygiene service in Japan in 1999-2021

other health and hygiene service industry Code No.130309

Type of accidents in other health and hygiene 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	10	11	9	12	11	14	13	13	15	22	11	21	12	25	18	7	9	9	8	11	16	12	20	309	fall from height
falling to same level	15	24	28	28	42	66	50	60	34	48	49	43	53	53	52	33	31	33	27	40	45	35	39	928	falling to same
crash	2	4	14	2	6	4	8	8	4	6	7	5	6	9	8	12	7	8	6	8	14	7	9	164	crash
struck by flying or falling object	2	4	3	2	2	3	4	5	2	6	2	3	5	3	1	3	6	4		2	1	3	3	69	struck by flying or falling object
collapse				1	2	1	1			1	1	1	1		1			3						13	collapse
crashed by	3	4	5	6	1	6	6	1	4	1	1	6	3	2	5	5	5	5	3	8	7	6	1	94	crashed by
caught in/between	2	6	2	10	7	11	11	5	8	7	4	6	4	9	5	3	3	4	5	2	5	4	5	128	caught in/between
cut	5	5	4	9	10	13	9	6	7	9	6	8	7	6	6	5	3	6	1	5	3	3	6	142	cut
injury to the sole of the foot			1		1									1								1		4	injury to the sole of the foot
drown													3											3	drown
contact to high/low- temperature	5	1	1	2	2	3	6	5	1	1	4	3	1	3	1	2	1	1	2	2	1		1	49	contact to high/low- temperature

contact to harmful																									contact to
substance			4				1	2		1		1		1	1	1	1			1				14	harmful
																									substance
electric shock																									electric shock
explosion																				1				1	explosion
burst									1															1	burst
fire																									fire
traffic accident (public	12		14	25	22	20	20	26	26	20	10	25	21	16	12	10	16	10	20	12	1.5			411	traffic accident
road)	12	8	14	25	22	28	30	26	26	20	18	25	21	16	13	19	16	10	20	13	15	6	8	411	(public road)
traffic accident	1				1													1						3	traffic accident
(others)																								3	(others)
reaction to																									reaction to
motion/improper	10	23	23	23	22	38	52	34	34	61	31	39	50	41	51	34	27	27	21	29	27	23	30	750	motion/improper
motion																									motion
others	2	10	2	6	13	13	7	11	8	7	7	7	4	9	12	6	5	5	5	6	3	19	19	186	others
unclassifiable			1	3	7	1	1	1	1	1		3	1	1	1	1			1		1	2	1	28	unclassifiable
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	3,297	total

Causal agents (large) of fatal and non-fatal accidents in other health and hygiene 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)
Causar (L) agents		2000	2001	2002	2003	2004	2003	2000	2007	2000	2005	2010	2011	2012	2013	2014	2013	2010	2017	2010	2017	2020	2021	II I	agents
machine	5	2	1	2		3	2	4	1	2	4	2	1		3	2	3	2	1		3	2	2	47	machine
crane, conveying																									crane,

machine	15	11	17	23	27	38	35	24	28	29	21	32	24	23	17	22	18	12	20	16	21	6	12	491	conveying
machine																									machine
athor aguinment	9	16	17	25	23	33	32	27	26	31	23	30	26	28	34	16	19	26	16	22	29	21	29	558	other
other equipment		10	17	25	23	33	52	27	20	31	23	30	20	20	34	10	19	20	10	22	29	21	29	336	equipment
tompount buildings																									temporary
temporary buildings, establishments	18	28	38	41	41	57	50	59	37	54	44	45	45	65	47	42	34	32	28	36	40	40	46	967	buildings,
establishments																									establishments
substance, material	2	1	8	3	3	2	9	5	3	3	5	3	2	5	2	2	2		1	4	2	1	1	71	substance,
substance, material					5				5															, ,	material
load	1	3	3	2	3	6	8	4	3	4	4	5	5		5	4	1	3	2	6	6	3	2	83	load
environment	6	7	4	2	10	14	9	13	6	8	6	10	11	9	8	16	12	12	9	12	9	3	5	201	environment
others	13	32	23	31	42	48	54	41	41	60	34	44	57	49	59	27	25	27	22	32	28	45	45	879	others
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	3,297	total

Causal agents (middle) of fatal and non-fatal accidents in other health and hygiene 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																									engine
power transmission mechanism								1									1							2	power transmission mechanism
woodworking machine						1		1			1				1			1			1			6	woodworking machine

construction machine			1	1			1		1				1		1						2			8	construction
																									machine
metal manufacturing																									metal
machine		1				1											1							3	manufacturing
																									machine
general machine	5	1		1		1	1	2		2	3	2			1	2	1	1	1			1	2	27	general
																									machine
mobile silviculture																									mobile
machine																						1		1	silviculture
																									machine
crane						2	1			2				1										6	crane
conveying machine	2	1	1	1	1	3	2	1		3	2	3	1		2	1				1	2	2	1	30	conveying
																									machine
vehicle	13	10	16	22	26	33	32	23	28	24	19	29	23	22	15	21	18	12	20	15	19	4	11	455	vehicle
pressure vessel										1														1	pressure vessel
chemical facilities																									chemical
chemical facilities																									facilities
uslding aguinment																									welding
welding equipment																									equipment
kiln, caldron			1																					1	kiln, caldron
																									electric
electric equipment						1						1							1			1		4	equipment
human power machine,												4.2			1.0									25.	human power
tools	4	5	11	17	14	17	16	15	13	14	9	13	8	12	18	7	7	12	6	5	8	11	12	254	machine, tools

tools	2	7	3	5	7	11	11	5	7	13	8	10	10	10	11	9	7	11	6	11	16	6	13	199	tools
other equipments,	3	4	2	3	2	4	5	7	6	3	6	6	8	6	5		5	3	3	6	5	3	4	99	other equipments, facilities
temporary buildings, establishments	18	28	38	41	41	57	50	59	37	54	44	45	45	65	47	42	34	32	28	36	40	40	46	967	temporary buildings, establishments
hazards, harmful substances		1	4	1			1	2		2	1	2		1	1		1			2				19	hazards, harmful substances
materials	2		4	2	3	2	8	3	3	1	4	1	2	4	1	2	1	2	1	2	2	1	1	52	materials
load	1	3	3	2	3	6	8	4	3	4	4	5	5		5	4	1	3	2	6	6	3	2	83	load
natural environment	6	7	4	2	10	14	9	13	6	8	6	10	11	9	8	16	12	12	9	12	9	3	5	201	natural environment
other causal agent	7	21	7	13	18	25	25	19	21	19	15	14	23	19	34	8	9	15	8	10	12	24	25	391	other causal
no causal agent	6	10	14	14	17	20	26	19	19	34	15	28	31	30	23	17	16	12	12	21	16	21	18	439	no causal agent
unclassifiable		1	2	4	7	3	3	3	1	7	4	2	3		2	2			2	1			2	49	unclassifiable
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	3,297	total

Causal agents (small) of fatal and non-fatal accidents in other health and hygiene 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					1					1					2	power transmission mechanism
circular sawing machine							1		1				1		3	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											1				1	chain saw
other woodworking machines					1										1	other woodworking machines
leveling, transporting or loading machine																leveling, transporting or loading machine
excavating machine				1		1							1		3	excavating machine
foundation work									1						1	foundation work machine

hardening machine													hardening machine
demolition machine													demolition machine
vehicle for high lift													vehicle for high lift
work													work
other construction	1					1				1		3	other construction
machines						•				•			machines
lathe													lathe
drill press, milling													drill press, milling
machine													machine
grinding machine,								1				1	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
food manufacturing machine						1	1		1		1		1		1	1	7	food manufacturing
printing machine																		printing machine
industrial robot																		industrial robot
other general power machines			1	2	2	2	1			2		1				1	12	other general power machines
felling machine																		felling machine
mobile logging machine																		mobile logging machine
skyline yarding machine																		skyline yarding machine
other mobile silviculture machine															1		1	other mobile silviculture machine
crane																		crane
mobile crane																		mobile crane
derrick crane																		derrick crane
elevator, lift			1		2			1									4	elevator, lift
cargo lifting appliance																		cargo lifting appliance
gondola																		gondola
lumberyard equipment, logging cableway																		lumberyard equipment, logging cableway

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simple skyline																								simple skyline
yarding equipment																								yarding equipment
other powered																								other powered
crane																								crane
truck				1		1	1		3	2	3	1		2	1					1	1		17	truck
forklift		1																		1			2	forklift
railway equipment																								railway equipment
conveyor																			1				1	conveyor
loader																								loader
straddle carrier																								straddle carrier
rough terrain hauler																								rough terrain hauler
other powered						1															1		3	other powered
conveying machines																					I		3	conveying machines
cars, bus,		16		25		31	23	26	24	18	26	23	21	14	19	18	12	19	15	19	4	10	363	cars, bus,
motorcycle		16		25		31	23	20	24	10	20	23	21	14	19	10	12	19	13	19	4	10	303	motorcycle
railway vehicle														1								1	2	railway vehicle
other vehicles				1		1		2		1	3		1		2			1					12	other vehicles
boiler																								boiler
pressure vessel																								pressure vessel
other pressure																							1	other pressure
vessels									I														I	vessels
chemical facilities																								chemical facilities
gas welding																								gas welding

equipment																						equipment
arc welding equipment																						arc welding equipment
other welding equipment																						other welding equipment
kiln, caldron																						kiln, caldron
industrial dryer		1																			1	industrial dryer
other kiln, caldron																						other kiln, caldron
transmission									1							1			1		3	transmission
electric power facilities																						electric power
other electrical equipment																						other electrical equipment
human power cranes			1																		1	human power cranes
human power hauling equipment		7	5	10	11	7	9	7	7	3	8	14	6	4	9	5	4	6	7	10	139	human power hauling equipment
human power machine		1				1					1										3	human power machine
hand tool		3	8	6	4	5	5	2	6	5	3	4	1	3	3	1	1	2	4	2	68	hand tool
ladder		2	4	2	2	3	3	4	5	5	4	6	1	2	2	3	4	6	4	4	66	ladder
slinging tool																						slinging tool
other tools		1	3	9	3	4	10	4	5	5	6	5	8	5	9	3	7	10	2	9	108	other tools
other equipment,																						other equipment,

facilities		2	2	5	7	6	3	6	6	8	6	5		5	3	3	6	5	3	4	85	facilities
scaffolding									1						2	1					4	scaffolding
timbering																						timbering
stairs, landing stage		8	11	9	14	8	16	5	13	9	19	10	8	10	7	4	10	10	5	11	187	stairs, landing stage
opening																			1		1	opening
roof, beam, haze, crossbeam, principal rafter		1		1			2				3									1	8	roof, beam, haze, crossbeam, principal rafter
working platform, boot board		4	4	6	6	6	9	5	3	9	1	6	3	4	2	1	5	6	3	1	84	working platform, boot board
passage		13	16	20	24	12	17	21	21	20	21	20	24	8	15	15	13	15	20	23	338	passage
building, establishment		7	4	6	7	5	5	9	4	5	12	4	5	5	1	4	4	6	4	4	101	building, establishment
other temporary buildings, establishments		5	6	8	8	6	5	4	3	2	9	7	2	7	5	3	4	3	7	6	100	other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance									1		1										2	inflammable substance
inflammable gas																						inflammable gas
harmful substance		4		1	2		1		1					1			1				11	harmful substance
radiation																						radiation
other hazards,							1	1				1					1				4	other hazards,

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metal material			1		2		1		1						1	1		1				8	metal material
lumber, bamboo		2	1		1			1	1		2		1	1		1		1				12	lumber, bamboo
stone, sand,		1			2												1		1				stone, sand,
substance					2																	5	substance
other materials		1	1		3	3	2		2	1		4		1					1	1	1	21	other materials
load		3	2		8	3	3	4	4	5	5		5	4	1	3	2	6	6	3	2	69	load
machine/equipment			1			1																	machine/equipment
as load																						2	as load
natural ground,			1		1								1		1			1				7	natural ground,
rock					•	2							ľ		ľ								rock
standing tree						1						1										2	standing tree
water											3				1				1			5	water
abnormal																							abnormal
environment																							environment
high/cold																							high/cold
temperature			1		1						1		2	1								6	temperature
environment																							environment
other environments		4	8		7	10	6	8	6	10	7	8	5	15	10	12	9	11	8	3	5	152	other environments
other causal agent		7	18		25	19	21	19	15	14	23	19	34	8	9	15	8	10	12	24	25	325	other causal agent
no causal agent		14	17		26	19	19	34	15	28	31	30	23	17	16	12	12	21	16	21	18	389	no causal agent
unclassifiable		2	7		3	3	1	7	4	2	3		2	2			2	1			2	41	unclassifiable
total		111	149		199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	2,798	total

Workers age of fatal and non-fatal accidents in other health and hygiene 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	2	1		1	4	6	6	1	2	2	1		3	1	1	2	1			1		1	1	37	19 years old or less
20-29	21	29	32	27	39	32	27	22	21	22	20	23	25	19	23	14	16	11	17	8	13	14	15	490	20-29
30-39	16	19	29	36	25	34	34	39	35	34	30	32	24	27	29	16	25	11	13	25	20	16	22	591	30-39
40-49	14	20	21	26	28	40	49	36	31	41	25	32	31	44	33	30	27	26	19	34	43	24	31	705	40-49
50-59	13	22	19	26	33	53	53	56	38	63	43	53	46	48	47	37	22	40	26	32	31	31	34	866	50-59
60 years old or	3	9	10	13	20	36	30	23	18	29	22	31	42	40	42	32	23	28	24	28	31	35	39	608	60 years old or
more																									more
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	3,297	total

Workers' number of workplace of fatal and non-fatal accidents in other health and hygiene 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	13	27	23	21	29	29	24	19	20	29	33	24	29	27	34	30	25	28	23	27	30	22	18	584	9 workers or less
10-29	33	31	36	43	71	76	81	74	44	63	49	61	57	65	66	37	38	37	36	44	53	52	49	1,196	10-29
30-49	5	10	16	26	22	28	45	33	34	32	21	40	34	32	33	40	22	21	13	19	26	25	36	613	30-49
50-99	5	16	15	18	11	34	24	18	24	31	14	18	26	23	20	7	12	13	9	14	7	9	16	384	50-99
100-299	8	13	13	13	5	18	18	28	18	16	15	22	20	19	15	15	14	14	15	21	16	10	18	364	100-299
300 workers or	5	3	8	8	11	16	7	5	5	20	9	6	5	13	7	2	3	3	3	3	6	3	5	156	300 workers or
more																								l 1	more
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	3,297	total

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	14	4	11	18	14	9	15	17	10	9	18	18	15	12	4	19	7	6	15	8	8	258	January
February	3	11	6	5	12	14	15	11	6	12	6	13	15	15	15	12	8	14	10	15	11	9	9	247	February
March	4	5	9	9	10	14	22	21	11	18	16	16	11	10	12	7	8	14	4	12	12	10	11	266	March
April	10	8	6	15	8	19	11	14	6	17	9	16	10	19	17	9	6	6	6	15	11	9	27	274	April
Мау	7	8	12	13	13	15	17	17	13	23	10	13	17	16	13	13	12	9	9	14	10	9	16	299	Мау
June	4	8	11	14	16	19	18	18	14	17	13	13	12	16	13	11	16	10	9	8	10	10	14	294	June
July	8	9	9	9	13	21	17	21	21	19	13	17	15	20	13	9	10	8	2	11	16	11	5	297	July
August	7	14	3	13	11	14	14	15	8	11	16	14	19	13	13	15	9	7	10	7	12	9	16	270	August
September	3	11	12	16	16	10	14	13	16	24	16	15	15	14	12	11	9	4	13	12	12	5	13	286	September
October	10	4	11	16	15	23	19	12	12	11	14	14	14	11	19	10	11	6	13	11	8	13	8	285	October
November	5	9	10	6	12	18	22	15	15	11	10	16	13	13	16	12	11	6	5	8	15	18	9	275	November
December	5	9	8	9	12	16	16	11	8	11	8	15	12	14	17	10	10	13	11	9	6	10	6	246	December
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	3,297	total

Prefecture of fatal and non-fatal accidents in other health and hygiene 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		8	5		9		17	8	16	13	3	8	5	4	5	8	5	10		5	9	8	4	150	Hokkaido
Aomori	2		1		3		1	1			1	5	3	4		1	2				1		3	28	Aomori
lwate		1	1		1		2	2		1	1			1			2	1	2			1		16	lwate

Miyagi	3		1	3	7	4	2	5	5	7	13	9	5	3	1	1	3	2				74	Miyagi
Akita		1				1				2	2			1					4	1		12	Akita
Yamagata	1	3		3	2	5		1			1	2	3	1	1	4	2	1	1		4	35	Yamagata
Fukushima	1	3	3	4	1	2	1	4	2	2	3	4	4		1	2	2	2		3		44	Fukushima
Ibaraki	1			4	4	1	4	3	1	5	3		2	2	3	4	3	3	3	7	6	59	Ibaraki
Tochigi		2	1	2	3	1	1	2	1	3		7	6	3	2		3	5	1	2	2	47	Tochigi
Gunma	1		1	2	2	2		2	3	2	1		3	1			1	5	1	1		28	Gunma
Saitama	3	1	1	6	15	7	7	15	3	3	10	15	5	7	5	3	6	6	9	3	8	138	Saitama
Chiba	3	1	3	11	9	4	2	5	2	8	3	4	3	2	4	3	5	3	12	4	4	95	Chiba
Tokyo	5	13	18	14	27	30	20	20	13	18	10	25	53	20	11	14	13	9	12	18	13	376	Tokyo
Kanagawa	5	9	8	13	9	7	7	10	11	15	5	5	9	8	7	9	5	9	3	4	12	170	Kanagawa
Niigata	1	6	2	2	4	3	2	2	3	5	2	4	1		1	4	2	2	1			47	Niigata
Toyama		1		1		1	1		3	2	4	1		4		2	1	2		1	1	25	Toyama
Ishikawa											5	1						1		3		10	Ishikawa
Fukui	1				2		1		1						1		1	1				8	Fukui
Yamanashi				1	1	1	1									1					1	6	Yamanashi
Nagano	2	1	5		2	1		7		2	8	2	2	2	2	2	1	2	3	1	3	48	Nagano
Gifu			1	1	1			1	6	1	2	1	1	1	2	4		3	2	2	1	30	Gifu
Shizuoka	1	3	4	1	2	6	2	3	3		1	2	2	4	5	3		2	4	1	3	52	Shizuoka
Aichi	10	10	8	14	10	8	10	9	7	6	10	8	6	4	3	7	1	4	6	5	4	150	Aichi
Mie		1	5	2	3	3	2	2	8	4	9	3			1	1	2	1	1		2	50	Mie
Shiga				1	4	2	6	2	5	1	2	1	1	2	6		2	5	3	4	4	51	Shiga
Kyoto	3	1		6	2	3	1	1		2		4		2	5	2	2	3	5	3		45	Kyoto

Osaka	3	4	11	12	14	19	12	10	5	12	13	28	21	24	15	16	14	17	15	14	21	300	Osaka
Hyogo	3	3	5	3	4	7	9	20	18	8	9	4	8	1	3	1	3	6	6	6	16	143	Hyogo
Nara				1	3		1	3	3	1	2			1	1	2		2		1	1	22	Nara
Wakayama			1	1	2	3	4	5			4		2		2	1	2	1	3	3	1	35	Wakayama
Tottori		2			1							1					1		1			6	Tottori
Shimane							1	1		1	1		2			1	2					9	Shimane
Okayama		1	1	1			2	1	1	4	3	5	1	1			2	2	1	4		30	Okayama
Hiroshima	2	1	6	3	5	6	5	2	4	6	7	3		6	1	1	2	3	2	3	1	69	Hiroshima
Yamaguchi	1	1		4	3		2	2	4	3	2	5	2	1	2	1		2		1		36	Yamaguchi
Tokushima	1			1	2		4		2	3	3				2		1	2		2	1	24	Tokushima
Kagawa		2			1	2		1	1		2						1	1	2		2	15	Kagawa
Ehime	1					3	3	6	4	4	2	4	1	2	2	2	5	3	6	9	3	60	Ehime
Kochi		2		1	7	4		2		1	2	2		3	5	2	1					32	Kochi
Fukuoka	5	11	14	11	19	14	8	9	6	11	6	9	10	3	4	5	2	4	9	2	8	170	Fukuoka
Saga		2		1	3	7	2	3	2	2	2	2	1	3	2	1		3	4	1	6	47	Saga
Nagasaki	3	3	2	1	1										1	1	1	1	1			15	Nagasaki
Kumamoto	1	1			1	3	1	10	3	10	5	4	4	3		2	2	1	2	1	4	58	Kumamoto
Oita	1	2		2		1	3				2			3					1			15	Oita
Miyazaki	3		3	2	2	3	2	3	1	4	3	1	10	1	1	1	2	1	3	2		48	Miyazaki
Kagoshima	1			1	1			3	3		1	1			2	2	1	2	1		1	20	Kagoshima
Okinawa	1					2		2	2			3	2	3	1			1			2	19	Okinawa
total	69	100	111	149	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	2,967	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

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Fatal accidents in other health and hygiene service in Japan in 1999-2021

other health and hygiene service industry Code No.130309

Type of fatal accidents in other health and hygiene 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																									fall from height
falling to same level																									falling to same
laining to same level																									level
crash																									crash
struck by flying or																									struck by flying
falling object																									or falling object
collapse																									collapse
crashed by													1											1	crashed by
saught in/hotwoon																									caught
caught in/between																									in/between
cut																									cut

l i i	=			i	=	_	i	=	=	=			=	=	=	=	$\overline{}$	\vdash	=	\vdash	_		
injury to the sole of																							injury to the sole
the foot																							of the foot
drown												2										2	drown
contact to high/low- temperature																							contact to high/low- temperature
contact to harmful substance																							contact to harmful substance
electric shock																							electric shock
explosion																							explosion
burst																							burst
fire																							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				2	others
unclassifiable																							unclassifiable
total		1	1	1		1	1	2			1	4						1				13	total

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									1				1											2	machine
crane, conveying machine		1	1	1		1	1		1				1											7	crane, conveying machine
other equipment																									other equipment
temporary buildings, establishments																									temporary buildings, establishments
substance, material																									substance, material
load																									load
environment													2											2	environment
others												1								1				2	others
total		1	1	1		1	1		2			1	4							1				13	total

Causal agents (middle) of fatal accidents in other health and hygiene 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	2010	2020	2021	total	Causal (M)
Causai (iii) agents	1999	2000	2001	2002	2003	2004	2003	2000	2007	2000	2009	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021		agents

engine															engine
power transmission mechanism															power transmission mechanism
woodworking machine															woodworking machine
construction machine						1		1						2	construction machine
metal manufacturing machine															metal manufacturing machine
general machine															general machine
mobile silviculture machine															mobile silviculture machine
crane															crane
conveying machine	1													1	conveying machine
vehicle		1	1	1	1	1		1						6	vehicle
pressure vessel															pressure vessel
chemical facilities															chemical facilities
welding equipment															welding equipment

<u> </u>]]												
kiln, caldron																	kiln, caldron
electric equipment																	electric equipment
human power machine,																	human power
tools																	machine, tools
tools																	tools
other equipments,																	other
facilities																	equipments,
																	facilities
temporary buildings,																	temporary
establishments																	buildings,
																	establishments
hazards, harmful																	hazards,
substances																	harmful
																	substances
materials																	materials
load																	load
natural environment									2							2	natural
natural environment																	environment
athor causal agent																	other causal
other causal agent																	agent
no causal agent								1						1		2	no causal
nio causai agent																	agent
unclassifiable																	unclassifiable
	=	====	 -	 -	-	-	 			=	=	 	 		 	 	-

to	otal		1	1	1		1	1		2			1	4							1				13	total	
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Causal agents (small) of fatal accidents in other health and hygiene 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																									power transmission
mechanism																									mechanism
circular sawing																									circular sawing
machine																									machine
band sawing																									band sawing
machine																									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
other woodworking																									other woodworking
machines																									machines

leveling,														leveling,
transporting or														transporting or
loading machine														loading machine
excavating machine					1								1	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							1						1	other construction
machines							<u> </u>						ľ	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 printingroll machine)														roll machine (except printingroll machine)
injection molding machine														injection molding machine
food manufacturing machine														food manufacturing machine
printing machine														printing machine
industrial robot														industrial robot
other general power machines														other general power machines
felling machine														felling machine
mobile logging machine														mobile logging
skyline yarding machine														skyline yarding machine
other mobile silviculture machine														other mobile silviculture machine
crane														crane
mobile crane														mobile crane
derrick crane														derrick crane
elevator, lift														elevator, lift
	11		11	11								11		

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
truck	1													1	truck
forklift															forklift
railway equipment															railway equipment
conveyor															conveyor
loader															loader
straddle carrier															straddle carrier
rough terrain hauler															rough terrain hauler
other powered															other powered
conveying machines															conveying machines
cars, bus,		1	1	1	1	1		1						6	cars, bus,
motorcycle		I	ı	ı	ı	I		ı						6	motorcycle
railway vehicle															railway vehicle
other vehicles															other vehicles
boiler															boiler

		 	 	 =	 ==	 							
pressure vessel													pressure vessel
other pressure													other pressure
vessels													vessels
chemical facilities													chemical facilities
gas welding													gas welding
equipment													equipment
arc welding													arc welding
equipment													equipment
other welding													other welding
equipment													equipment
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
human power													human power
hauling equipment													hauling equipment
human power													human power
machine													machine

hand tool													hand tool
ladder													ladder
slinging tool													slinging tool
other tools													other tools
other equipment,													other equipment,
facilities													facilities
scaffolding													scaffolding
timbering													timbering
stairs, landing stage													stairs, landing stage
opening													opening
roof, beam, haze,													roof, beam, haze,
crossbeam,													crossbeam,
principal rafter													principal rafter
working platform,													working platform,
boot board													boot board
passage													passage
building,													building,
establishment													establishment
other temporary													other temporary
buildings,													buildings,
establishments													establishments
explosive substance													explosive substance
inflammable													inflammable
substance													substance

inflammable gas														inflammable gas
harmful substance														harmful substance
radiation														radiation
other hazards,														other hazards,
harmful substances														harmful substances
metal material														metal material
lumber, bamboo														lumber, bamboo
stone, sand,														stone, sand,
substance														substance
other materials														other materials
load														load
machine/equipment														machine/equipment
as load														as load
natural ground,														natural ground,
rock														rock
standing tree														standing tree
water							2						2	water
abnormal														abnormal
environment														environment
high/cold														high/cold
temperature														temperature
environment														environment
other environments														other environments
other causal agent														other causal agent

no causal agent								l .							2	no causal agent
unclassifiable																unclassifiable
total	1	1	1	1	1	2		1	4				1		13	total

Workers age of fatal accidents in other health and hygiene 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																									19 years old or less
20-29			1			1																		2	20-29
30-39		1		1					1															3	30-39
40-49												1												1	40-49
50-59							1		1				2							1				5	50-59
60 years old or													2											2	60 years old or
more																									more
total		1	1	1		1	1		2			1	4							1				13	total

Workers' number of workplace of fatal accidents in other health and hygiene 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		1							1			1	1											4	9 workers or less
10-29			1	1		1	1						2							1				7	10-29
30-49									1															1	30-49
50-99													1											1	50-99

100-299																100-299
300 workers or																300 workers or
more																more
total	1	1	1	1	1	2		1	4				1		13	total

Month of fatal accidents in other health and hygiene service 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																									January
February							1																	1	February
March												1	2											3	March
April																				1				1	April
May																									May
June			1																					1	June
July									1															1	July
August													1											1	August
September		1																						1	September
October																									October
November						1			1				1											3	November
December				1																				1	December
total		1	1	1		1	1		2			1	4							1				13	total

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															1	Hokkaido
Aomori																									Aomori
lwate																									lwate
Miyagi							1						2											3	Miyagi
Akita																									Akita
Yamagata																									Yamagat
Fukushima																									Fukushim
Ibaraki													1											1	Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama		1																						1	Saitama
Chiba																									Chiba
Tokyo									1															1	Tokyo
Kanagawa																									Kanagaw
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																									Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanas
Nagano																									Nagano
Gifu																									Gifu

Shizuoka															Shizuoka
Aichi		1												1	Aichi
Mie															Mie
Shiga															Shiga
Kyoto															Kyoto
Osaka							1							1	Osaka
Hyogo															Hyogo
Nara															Nara
Wakayama															Wakayama
Tottori			1											1	Tottori
Shimane															Shimane
Okayama												1		1	Okayama
Hiroshima															Hiroshima
Yamaguchi															Yamaguchi
Tokushima															Tokushima
Kagawa															Kagawa
Ehime				1										1	Ehime
Kochi															Kochi
Fukuoka															Fukuoka
Saga															Saga
Nagasaki															Nagasaki
Kumamoto															Kumamoto
Oita								1						1	Oita

Miyazaki																Miyazaki
Kagoshima																Kagoshima
Okinawa																Okinawa
total	1	1	1	1	1	2		1	4				1		13	total

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

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