

Fatal and non-fatal accidents in other health and hygiene service in Japan in 1999-2022

other health and hygiene service industry Code No.130309

Type of accidents in other health and hygiene service in 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
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	14	323
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	50	978
crash	2	4	14	2	6	4	8	8	4	6	7	5	6	9	8	12	7	8	6	8	14	7	9	5	169
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	1	70
collapse				1	2	1	1			1	1	1	1		1			3							13
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	5	99
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	6	134
cut	5	5	4	9	10	13	9	6	7	9	6	8	7	6	6	5	3	6	1	5	3	3	6	7	149
injury to the sole of the foot			1		1										1							1			4
drown													3												3
contact to high/low-	5	1	1	2	2	3	6	5	1	1	4	3	1	3	1	2	1	1	2	2	1		1	1	50

temperature																									
contact to harmful substance			4				1	2		1		1		1	1	1	1			1				1	15
electric shock																									
explosion																			1						1
burst									1																1
fire																							1	1	
traffic accident (public road)	12	8	14	25	22	28	30	26	26	20	18	25	21	16	13	19	16	10	20	13	15	6	8	7	418
traffic accident (others)	1				1													1							3
reaction to motion/improper motion	10	23	23	23	22	38	52	34	34	61	31	39	50	41	51	34	27	27	21	29	27	23	30	30	780
others	2	10	2	6	13	13	7	11	8	7	7	7	4	9	12	6	5	5	5	6	3	19	19	1	187
unclassifiable			1	3	7	1	1	1	1	1		3	1	1	1	1			1		1	2	1		28
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

Causal agents (large) of fatal and non-fatal accidents in other health and hygiene service in 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
machine	5	2	1	2		3	2	4	1	2	4	2	1		3	2	3	2	1		3	2	2	1	48

crane, conveying machine	15	11	17	23	27	38	35	24	28	29	21	32	24	23	17	22	18	12	20	16	21	6	12	12	503
other equipment	9	16	17	25	23	33	32	27	26	31	23	30	26	28	34	16	19	26	16	22	29	21	29	26	584
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	48	1,015
substance, material	2	1	8	3	3	2	9	5	3	3	5	3	2	5	2	2	2	2	1	4	2	1	1	1	72
load	1	3	3	2	3	6	8	4	3	4	4	5	5		5	4	1	3	2	6	6	3	2	5	88
environment	6	7	4	2	10	14	9	13	6	8	6	10	11	9	8	16	12	12	9	12	9	3	5	10	211
others	13	32	23	31	42	48	54	41	41	60	34	44	57	49	59	27	25	27	22	32	28	45	45	26	905
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

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

pressure vessel																									
other pressure vessels									1															1	
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer			1																					1	
other kiln, caldron																									
transmission											1							1			1			3	
electric power facilities																									
other electrical equipment																									
human power cranes					1																		2	3	
human power hauling equipment			7		5		10	11	7	9	7	7	3	8	14	6	4	9	5	4	6	7	10	4	143

human power machine			1					1					1											3	
hand tool			3		8		6	4	5	5	2	6	5	3	4	1	3	3	1	1	2	4	2	3	71
ladder			2		4		2	2	3	3	4	5	5	4	6	1	2	2	3	4	6	4	4	1	67
slinging tool																									
other tools			1		3		9	3	4	10	4	5	5	6	5	8	5	9	3	7	10	2	9	11	119
other equipment, facilities			2		2		5	7	6	3	6	6	8	6	5		5	3	3	6	5	3	4	5	90
scaffolding												1						2	1						4
timbering																									
stairs, landing stage			8		11		9	14	8	16	5	13	9	19	10	8	10	7	4	10	10	5	11	13	200
opening																						1		1	2
roof, beam, haze, crossbeam, principal rafter			1				1			2				3									1	1	9
working platform, boot board			4		4		6	6	6	9	5	3	9	1	6	3	4	2	1	5	6	3	1	3	87
passage			13		16		20	24	12	17	21	21	20	21	20	24	8	15	15	13	15	20	23	27	365
building, establishment			7		4		6	7	5	5	9	4	5	12	4	5	5	1	4	4	6	4	4	1	102
other temporary buildings,			5		6		8	8	6	5	4	3	2	9	7	2	7	5	3	4	3	7	6	2	102

environment																									
high/cold temperature environment					1		1						1		2	1									6
other environments			4		8		7	10	6	8	6	10	7	8	5	15	10	12	9	11	8	3	5	10	162
other causal agent			7		18		25	19	21	19	15	14	23	19	34	8	9	15	8	10	12	24	25	4	329
no causal agent			14		17		26	19	19	34	15	28	31	30	23	17	16	12	12	21	16	21	18	22	411
unclassifiable			2		7		3	3	1	7	4	2	3		2	2			2	1			2		41
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

Workers age of fatal and non-fatal accidents in other health and hygiene service in 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
19 years old or less	2	1		1	4	6	6	1	2	2	1		3	1	1	2	1			1		1	1		37
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	20	510
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	10	601
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	24	729
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	44	910
60 years old or more	3	9	10	13	20	36	30	23	18	29	22	31	42	40	42	32	23	28	24	28	31	35	39	31	639
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

Workers' number of workplace of fatal and non-fatal accidents in other health and hygiene service in 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
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	22	606
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	44	1,240
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	28	641
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	17	401
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	9	373
300 workers or more	5	3	8	8	11	16	7	5	5	20	9	6	5	13	7	2	3	3	3	3	6	3	5	9	165
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

Month of fatal and non-fatal accidents in other health and hygiene service in 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
January	3	4	14	4	11	18	14	9	15	17	10	9	18	18	15	12	4	19	7	6	15	8	8	18	276
February	3	11	6	5	12	14	15	11	6	12	6	13	15	15	15	12	8	14	10	15	11	9	9	11	258
March	4	5	9	9	10	14	22	21	11	18	16	16	11	10	12	7	8	14	4	12	12	10	11	7	273
April	10	8	6	15	8	19	11	14	6	17	9	16	10	19	17	9	6	6	6	15	11	9	27	10	284
May	7	8	12	13	13	15	17	17	13	23	10	13	17	16	13	13	12	9	9	14	10	9	16	9	308
June	4	8	11	14	16	19	18	18	14	17	13	13	12	16	13	11	16	10	9	8	10	10	14	13	307

July	8	9	9	9	13	21	17	21	21	19	13	17	15	20	13	9	10	8	2	11	16	11	5	11	308
August	7	14	3	13	11	14	14	15	8	11	16	14	19	13	13	15	9	7	10	7	12	9	16	11	281
September	3	11	12	16	16	10	14	13	16	24	16	15	15	14	12	11	9	4	13	12	12	5	13	13	299
October	10	4	11	16	15	23	19	12	12	11	14	14	14	11	19	10	11	6	13	11	8	13	8	11	296
November	5	9	10	6	12	18	22	15	15	11	10	16	13	13	16	12	11	6	5	8	15	18	9	7	282
December	5	9	8	9	12	16	16	11	8	11	8	15	12	14	17	10	10	13	11	9	6	10	6	8	254
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

Prefecture of fatal and non-fatal accidents in other health and hygiene service in 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
Hokkaido		8	5		9		17	8	16	13	3	8	5	4	5	8	5	10		5	9	8	4	4	154
Aomori	2		1		3		1	1			1	5	3	4		1	2			1		3	1	29	
Iwate		1	1		1		2	2		1	1			1			2	1	2			1			16
Miyagi	3		1		3		7	4	2	5	5	7	13	9	5	3	1	1	3	2				3	77
Akita		1						1				2	2			1					4	1		1	13
Yamagata	1	3			3		2	5		1			1	2	3	1	1	4	2	1	1		4		35
Fukushima	1	3	3		4		1	2	1	4	2	2	3	4	4		1	2	2	2		3		3	47
Ibaraki	1				4		4	1	4	3	1	5	3		2	2	3	4	3	3	3	7	6	8	67
Tochigi		2	1		2		3	1	1	2	1	3		7	6	3	2		3	5	1	2	2	4	51
Gunma	1		1		2		2	2		2	3	2	1		3	1			1	5	1	1		3	31

Saitama	3	1	1		6		15	7	7	15	3	3	10	15	5	7	5	3	6	6	9	3	8	10	148
Chiba	3	1	3		11		9	4	2	5	2	8	3	4	3	2	4	3	5	3	12	4	4	7	102
Tokyo	5	13	18		14		27	30	20	20	13	18	10	25	53	20	11	14	13	9	12	18	13	7	383
Kanagawa	5	9	8		13		9	7	7	10	11	15	5	5	9	8	7	9	5	9	3	4	12	8	178
Niigata	1	6	2		2		4	3	2	2	3	5	2	4	1		1	4	2	2	1			1	48
Toyama		1			1			1	1		3	2	4	1		4		2	1	2		1	1	2	27
Ishikawa													5	1						1		3		3	13
Fukui	1						2		1		1						1		1	1					8
Yamanashi					1		1	1	1									1					1	2	8
Nagano	2	1	5				2	1		7		2	8	2	2	2	2	2	1	2	3	1	3	1	49
Gifu			1		1		1			1	6	1	2	1	1	1	2	4		3	2	2	1	2	32
Shizuoka	1	3	4		1		2	6	2	3	3		1	2	2	4	5	3		2	4	1	3		52
Aichi	10	10	8		14		10	8	10	9	7	6	10	8	6	4	3	7	1	4	6	5	4	8	158
Mie		1	5		2		3	3	2	2	8	4	9	3			1	1	2	1	1		2		50
Shiga					1		4	2	6	2	5	1	2	1	1	2	6		2	5	3	4	4	2	53
Kyoto	3	1			6		2	3	1	1		2		4		2	5	2	2	3	5	3		1	46
Osaka	3	4	11		12		14	19	12	10	5	12	13	28	21	24	15	16	14	17	15	14	21	7	307
Hyogo	3	3	5		3		4	7	9	20	18	8	9	4	8	1	3	1	3	6	6	6	16	8	151
Nara					1		3		1	3	3	1	2			1	1	2		2		1	1	1	23
Wakayama			1		1		2	3	4	5			4		2		2	1	2	1	3	3	1		35
Tottori		2					1							1					1		1				6

Shimane									1	1		1	1		2			1	2					1	10
Okayama		1	1		1				2	1	1	4	3	5	1	1			2	2	1	4		2	32
Hiroshima	2	1	6		3		5	6	5	2	4	6	7	3		6	1	1	2	3	2	3	1	5	74
Yamaguchi	1	1			4		3		2	2	4	3	2	5	2	1	2	1		2		1			36
Tokushima	1				1		2		4		2	3	3				2		1	2		2	1	2	26
Kagawa		2					1	2		1	1		2						1	1	2		2	1	16
Ehime	1							3	3	6	4	4	2	4	1	2	2	2	5	3	6	9	3	3	63
Kochi		2			1		7	4		2		1	2	2		3	5	2	1					3	35
Fukuoka	5	11	14		11		19	14	8	9	6	11	6	9	10	3	4	5	2	4	9	2	8	4	174
Saga		2			1		3	7	2	3	2	2	2	2	1	3	2	1		3	4	1	6	3	50
Nagasaki	3	3	2		1		1										1	1	1	1	1			1	16
Kumamoto	1	1					1	3	1	10	3	10	5	4	4	3		2	2	1	2	1	4	2	60
Oita	1	2			2			1	3				2			3					1			1	16
Miyazaki	3		3		2		2	3	2	3	1	4	3	1	10	1	1	1	2	1	3	2		1	49
Kagoshima	1				1		1			3	3		1	1			2	2	1	2	1		1	3	23
Okinawa	1							2		2	2			3	2	3	1			1			2		19
total	69	100	111	129	149	201	199	177	145	191	141	171	171	179	175	131	114	116	99	128	138	121	142	129	3,426

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

drown												2											2
contact to high/low-temperature																							
contact to harmful substance																							
electric shock																							
explosion																							
burst																							
fire																							
traffic accident (public road)		1	1	1		1	1		2			1											8
traffic accident (others)																							
reaction to motion/improper motion																							
others											1							1					2
unclassifiable																							
total		1	1	1		1	1		2			1	4					1				1	14

Causal agents (large) of fatal accidents in other health and hygiene service in 1999-2022

environment																								
high/cold temperature environment																								
other environments																								
other causal agent																								
no causal agent											1							1					2	
unclassifiable																								
total		1	1	1		1	1		2			1	4						1				1	14

Workers age of fatal accidents in other health and hygiene service in 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
19 years old or less																									
20-29			1			1																			2
30-39		1		1					1																3
40-49												1													1
50-59							1		1				2							1				1	6
60 years old or more													2												2
total		1	1	1		1	1		2			1	4							1				1	14

