Fatal and non-fatal accidents in public office in Japan in 1999-2022

public office industry Code No.16

Type of accidents in public office 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	17	23	27	15	25	14	26	20	15	11	17	13	12	17	17	22	11	13	14	18	25	25	33	17	447
falling to same level	44	27	42	40	47	29	74	35	23	28	20	31	31	39	19	26	18	28	39	28	26	37	48	46	825
crash	6	5	3	5	7	4	4	6	3	8	7	4	3	5	3	5	2	4	5	5	5	6	8	5	118
struck by flying or falling object	7	10	6	11	6	6	10	12	8	8	4	5	2	1	4	1	8	3	3	8	2	2	3	8	138
collapse	3			2		3	6	1		1	1					1	1		1	1	1	1		1	24
crashed by	4	8	7	6	6	6	6	3	8	3	5	4	4	5	3	2		3	5	5	3	8	2	3	109
caught in/between	13	11	13	8	12	8	14	7	4	6	6	1	8	4	2	6	5	4	7	7	5	4	7	7	169
cut	19	16	17	18	20	22	27	8	11	6	11	16	9	11	9	3	4	9	7	5	11	12	8	13	292
injury to the sole of the foot			1							1		1				1	1			1					6
drown												1	2												3
contact to high/low-	9	3	3	7	9	7	1	5	4	4	4	1	3	1				2	1	4	2	3	4	1	78

temperature																									
contact to harmful substance	1			1		2	2																		6
electric shock	1														1										2
explosion																									
burst																									
fire																									
traffic accident (public road)	6	12	1	18	19	12	63	19	10	8	7		5	7	2	4	2	10	5	7	5	2	7	5	236
traffic accident (others)				1			1			2						1			1	1		1			8
reaction to motion/improper motion	20	14	22	16	24	14	18	21	16	13	10	18	14	17	14	15	11	9	12	10	12	9	19	16	364
others	6	6	2	4	3	6	4	3	1	1	2	3	2	1	3	2	1	2	2	1	3	2	2	5	67
unclassifiable	1	1			1	1	1		1						1		1							1	9
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Causal agents (large) of fatal and non-fatal accidents in public office 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	7	10	12	4	11	13	12	7	2	7	6	7	6	4	5	3	6	7	7	9	7	9	8	12	181

crane, conveying machine	21	20	7	30	35	23	99	35	11	12	9	6	11	10	6	10	5	15	9	12	10	6	14	16	432
other equipment	29	28	34	29	34	25	29	25	27	30	22	27	20	24	13	21	16	20	16	17	27	22	38	18	591
temporary buildings, establishments	38	32	40	31	47	31	65	32	27	29	29	23	30	36	30	32	16	21	37	30	29	43	49	53	830
substance, material	10	8	10	11	8	6	9	6	4	5	1	7	2	2	2	1	3	3	5	3	4	3	6		119
load	8	6	3	7	3	4	8	5	6	2	5	4	2	5	2	3	5	3	4	8	5	3	4	4	109
environment	20	15	19	17	16	12	14	14	11	4	8	10	12	15	6	7	3	8	11	13	8	9	7	11	270
others	24	17	19	23	25	20	21	16	16	11	14	14	12	12	14	12	11	10	13	9	10	17	15	14	369
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Causal agents (middle) of fatal and non-fatal accidents in public office 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						1									1										2
power transmission mechanism							1	1																	2
woodworking machine	1	3	4	1		3	1	2		1	2	2		1		1	2	2		1	4	4	2	4	41

construction machine	1	2				4	1			1								1	1		1	1		1	14
metal manufacturing machine	3			1	1	2	1		1									1				1	1		12
general machine	2	5	8	2	10	3	8	4	1	5	4	5	6	3	4	2	4	3	6	8	2	3	5	7	110
mobile silviculture machine																									
crane		1			1				1		1					1							1		6
conveying machine	12	8	5	7	6	10	6	9	1	2	1	5	6	3	3	3	1	2	1	5	4	2	4	8	114
vehicle	9	11	2	23	28	13	93	26	9	10	7	1	5	7	3	6	4	13	8	7	6	4	9	8	312
pressure vessel	1																								1
chemical facilities																									
welding equipment																									
kiln, caldron					1			2	1																4
electric equipment							1			1						1						1			4
human power machine, tools	17	10	13	18	14	12	15	7	13	9	10	16	5	11	5	6	4	6	2	5	6	2	2	8	216
tools	8	15	16	9	12	11	9	9	10	11	9	7	9	10	7	12	9	11	11	11	18	15	31	7	277
other equipments,																									

facilities	3	3	5	2	7	2	4	7	3	9	3	4	6	3	1	2	3	3	3	1	3	4	5	3	89
temporary buildings, establishments	38	32	40	31	47	31	65	32	27	29	29	23	30	36	30	32	16	21	37	30	29	43	49	53	830
hazards, harmful substances	1		1	1	1	2			1				1					1	2	1	1		3		16
materials	9	8	9	10	7	4	9	6	3	5	1	7	1	2	2	1	3	2	3	2	3	3	3		103
load	8	6	3	7	3	4	8	5	6	2	5	4	2	5	2	3	5	3	4	8	5	3	4	4	109
natural environment	20	15	19	17	16	12	14	14	11	4	8	10	12	15	6	7	3	8	11	13	8	9	7	11	270
other causal agent	9	9	8	8	11	11	10	5	10	6	5	5	4	7	2	1	4	6	6	4	3	8	4	2	148
no causal agent	12	8	10	12	13	7	9	9	5	4	9	9	5	5	10	11	6	4	7	5	7	8	11	11	197
unclassifiable	3		1	3	1	2	2	2	1	1			3		2		1					1		1	24
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Causal agents (small) of fatal and non-fatal accidents in public office in 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
engine															1										1
power transmission mechanism							1	1																	2

circular sawing machine			2				1	1		1	1	1		1		1	1	1			1	4		1	17
band sawing machine																										
wood planer machine			1									1													2
hollow chisel mortiser, wood borer																										
chamfering machine, router, woodworking milling machine																										
chain saw											1						1	1		1	2		1	3	10
other woodworking machines			1					1													1		1		4
leveling, transporting or loading machine							1												1						2
excavating machine										1								1				1			3
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work																									
other construction machines																					1			1	2
lathe																									
drill press, milling machine																									
grinding machine, buffing machine									1													1	1		3
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines					1		1											1							3
centrifugal machine																									
mixer, grinder					1														1	1					3
roll machine (except printingroll machine)																									

injection molding machine																									
food manufacturing machine			2		3		7	1		2		2	2	1	1	1	1	1		4		1		1	30
printing machine																									
industrial robot																									
other general power machines			6		6		1	3	1	3	4	3	4	2	3	1	3	2	5	3	2	2	5	6	65
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane					1											1									2
derrick crane																									
elevator, lift									1														1		2
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane											1														1
truck			2		4		3	8	1	2	1	4	5	3	3	2		1	1	5	4		3	6	58
forklift			1		1		1					1					1						1	1	7
railway equipment																									
conveyor			1		1		1	1					1					1							6
loader							1									1									2
straddle carrier																									
rough terrain hauler																						1			1
other powered conveying machines			1																			1		1	3
cars, bus, motorcycle			1		27		91	24	8	9	7	1	4	7	3	5	3	12	6	5	6	4	9	7	239
railway vehicle																									
other vehicles			1		1		2	2	1	1			1			1	1	1	2	2				1	17
boiler																									

pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron					1			2	1																4
industrial dryer																									
other kiln, caldron																									
transmission																1									1
electric power facilities																									
other electrical equipment							1			1												1			3
human power cranes																									
human power hauling equipment			2		2		2	2	1	5	2	5	1	5	1	3	2	4	2	5	2	1		2	49

human power machine			1						1																2
hand tool			10		12		13	5	11	4	8	11	4	6	4	3	2	2			4	1	2	6	108
ladder			10		4		6	7	6	3	6	7	5	5	5	11	7	4	6	3	11	10	17	3	136
slinging tool																			1						1
other tools			6		8		3	2	4	8	3		4	5	2	1	2	7	4	8	7	5	14	4	97
other equipment, facilities			5		7		4	7	3	9	3	4	6	3	1	2	3	3	3	1	3	4	5	3	79
scaffolding							1	1	1	1					1							1		1	7
timbering																									
stairs, landing stage			5		7		13	4	8	5		5	3	7	4	8	2	4	6	5	6	9	11	13	125
opening												1		1					1	2			1		6
roof, beam, haze, crossbeam, principal rafter					1		1					1	1	1	1			1	1						8
working platform, boot board			4		9		8	2	3	3	3	3	7	2	4	4	1	3	3	4	3	3	3	4	76
passage			19		10		27	12	7	8	10	4	12	17	7	12	7	11	20	13	17	23	21	27	284
building, establishment			8		14		8	4	3	6	7	5	3	5	6	4	4	1	4	3	1	3	11	3	103
other temporary buildings,			4		6		7	9	5	6	9	4	4	3	7	4	2	1	2	3	2	4	2	5	89

establishments																									
explosive substance																									
inflammable substance																			1				1		2
inflammable gas									1																1
harmful substance																									
radiation																									
other hazards, harmful substances			1		1								1					1	1	1	1		2		9
metal material			3		1		2	2	1	1		2	1				2	1	2	1	1		1		21
lumber, bamboo					3		2	1	1	1	1	3				1	1					1	1		16
stone, sand, substance			2		1			1		1		1		1				1	1	1	1		1		12
other materials			4		2		5	2	1	2		1		1	2						1	2			23
load			3		3		7	4	6	2	2	4	2	4	2	3	5	3	4	7	5	3	4	4	77
machine/equipment as load							1	1			3			1						1					7
natural ground, rock			9		4		3	8	3	2	2	2	6	4	2	4	1	3	1	2	1	4	3	1	65
standing tree			4		3		5		3		4	3	1	5	1	2		3	6	6	4	2	1	4	57
water					2					1	1	1	2							1				1	9
abnormal																									

environment							1								1										2
high/cold temperature environment					2			1					1		1				2	1		1	1	1	11
other environments			6		5		5	5	5	1	1	4	2	6	1	1	2	2	2	3	3	2	2	4	62
other causal agent			8		11		10	5	10	6	5	5	4	7	2	1	4	6	6	4	3	8	4	2	111
no causal agent			10		13		9	9	5	4	9	9	5	5	10	11	6	4	7	5	7	8	11	11	158
unclassifiable			1		1		2	2	1	1			3		2		1					1		1	16
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Workers age of fatal and non-fatal accidents in public office 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	2	3			5	4					1	1	1		1						1		22
20-29	23	16	16	16	29	14	41	19	15	9	6	8	6	5	7	2		5	3	8	2	3	4	3	260
30-39	27	23	27	22	40	17	39	17	14	11	10	16	8	12	8	16	8	4	6	4	4	11	10	8	362
40-49	28	24	33	33	46	31	65	31	21	19	22	21	21	21	16	9	11	18	12	11	16	17	19	26	571
50-59	34	35	33	47	29	39	63	39	33	32	29	26	34	28	19	29	19	25	31	32	38	38	33	36	801
60 years old or more	43	37	33	31	35	33	44	30	21	29	27	27	25	41	27	33	26	35	50	46	40	43	74	55	885
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Workers' number of workplace of fatal and non-fatal accidents in public office 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	30	26	20	30	32	39	30	28	15	23	25	19	23	23	19	14	13	16	20	14	20	19	27	11	536
10-29	28	22	30	25	31	26	36	23	29	20	22	19	14	20	12	19	12	15	20	19	16	14	22	27	521
30-49	20	18	10	12	15	18	17	15	12	7	4	11	7	18	6	6	4	9	16	8	10	7	16	13	279
50-99	17	15	20	20	9	14	24	13	10	9	11	9	7	9	12	12	4	12	15	7	14	9	16	17	305
100-299	17	25	25	23	22	12	52	27	13	16	16	18	22	14	9	15	12	12	14	18	13	22	22	21	460
300 workers or more	45	30	39	42	70	25	98	34	25	25	16	22	22	24	20	23	20	23	17	35	27	41	38	39	800
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Month of fatal and non-fatal accidents in public office 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	8	11	20	16	23	11	30	13	13	10	10	13	4	18	5	6	5	8	9	11	11	14	18	12	299
February	16	10	10	6	13	7	27	13	8	11	3	8	13	11	7	11	5	7	5	7	11	4	9	6	228
March	14	10	6	8	14	7	27	11	3	10	4	7	11	8	7	4	3	5	3	12	6	13	12	10	215
April	15	11	11	7	13	10	21	14	10	12	9	4	9	7	4	5	9	11	6	5	9	9	4	8	223
May	14	10	16	12	13	17	17	8	9	10	5	10	2	6	4	13	6	4	7	10	11	10	19	8	241
June	15	15	13	24	22	17	22	9	13	5	9	11	15	4	8	8	5	9	5	6	5	10	16	14	280

July	16	15	10	11	22	11	14	13	10	4	14	9	4	11	5	11	7	5	13	9	8	8	12	7	249
August	12	8	6	16	12	14	18	13	9	9	6	6	6	7	3	3	4	12	9	11	7	5	10	9	215
September	14	12	13	17	12	10	20	19	6	6	5	8	7	9	9	6	9	5	10	5	9	13	9	16	249
October	11	9	12	14	13	8	29	9	10	11	11	7	9	10	11	11	5	7	14	6	9	10	19	16	271
November	13	10	17	13	13	12	14	14	8	7	8	8	9	12	9	6	4	8	11	11	6	5	6	10	234
December	9	15	10	8	9	10	18	4	5	5	10	7	6	5	6	5	3	6	10	8	8	11	7	12	197
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

Prefecture of fatal and non-fatal accidents in public office 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	3	1	2		1			2	1	1	1		2	4	1				1	3	1	4	2	5	35
Aomori		2	1		1			1	1	3						1				1		1	1		13
Iwate		1	3		2			1	1	1		1		1		1					1		1	2	16
Miyagi	3	4	1		2		3	1	3	1	9	4	3	1	3	2	5	1	2	2	1	6	5	3	65
Akita		1																	1			1			3
Yamagata		3			9																				12
Fukushima	1	1	4		3		2	1	1		2	4		1			1	2	1	1	1		2	1	29
Ibaraki	2	1	1		2		2		2	1			3	1	1	3	1		3	3	1		2	1	30
Tochigi	4	2	1				1		1	5	2	2	2	2		1	1	2	2	1	1	1	2	2	35
Gunma	1	4	1		3		23	3	2					2	2			1				3	4	2	51

Saitama	4	2	12		8		57	15	9	1	5	1	5	3	6	3	2		5	8	5	4	2	4	161
Chiba	14	4	6		4		24	8	7	4	1	2	3	1	1	4	3	10	23	5	4	2	4	3	137
Tokyo	26	27	17		41		32	26	22	22	19	10	6	15	9	12	5	8	14	9	10	12	11	19	372
Kanagawa	2	3	5		3		4	4	3	4	5	4		2	3	11	5	1	2	6	1	4	7	4	83
Niigata	1	2	1		1			1		1		2	2	3		1	1			2	5		2	1	26
Toyama							2											1		1			2	1	7
Ishikawa	1		1									2		2		1		2	1	5	1		1	1	18
Fukui	3	2	1		2			2	1		2		1	1			1					1	2	1	20
Yamanashi	3	1			1		2					2	1	1					1			3	1		16
Nagano	3	4	5		2		5	4	3	2	2	5	8	8	7	8		1	4	3	7	3	8	4	96
Gifu	2	3	5		3		2	4		3	1	2	1	1		4		2				2	2	2	39
Shizuoka		4	1		1		2	3		1				2		1	2	3	2		1	1	2	1	27
Aichi	3	1			1		1	2			1	2	2		1	4	3	4	6	2	3	2	3	4	45
Mie								2			1	5			1	1				1	1		2		14
Shiga		1					1						1		1	1			1	2	1		3		12
Kyoto	10	7	7		4		6	6	7	1	1	1		2			1	5	1	2	1	6	5	10	83
Osaka	1	4	2		7		1	4	6	4	3	9	12	2	1	2	3	4	7	7	8	7	3	10	107
Hyogo	5	4	2		8		6	5	4	8		3	8	1	1	1	6	3	1	3	5	3	10	4	91
Nara		1	1				1	2	1		1		2	2	1		1		1	1	1			1	17
Wakayama			1							2							1					2	1		7
Tottori		1									1	2		1						1				1	7

Shimane	1				3		5	1			2	1	1	1		2		3	1	2	2	5			30
Okayama	4	3	5		16		17	4	1	3	4		2	1	4	3	4	3	3	2	8	8	15	3	113
Hiroshima	6	5	6		7		8	1	2	1	1	2	2	6	1	1	3	2		4	3	2	3	3	69
Yamaguchi	6	5	13		9		7	1	3	9	7	6	8	6	7	3	4	1	3	3	7	7	8	7	130
Tokushima					3		2	1	1		4	1	1	1		1		1		2		1	1	1	21
Kagawa												1	1	1	1					1	1	2	3	2	13
Ehime		1			1			1	1		1	1					1	4		1	1		1	1	15
Kochi	3		4		2		5	1	7	3	5	8	4	3	5		1	2	1	1			2		57
Fukuoka	17	10	11		5		15	19	6	8	2	7	7	13	11	8	1	8	6	4	3	6	4	8	179
Saga	1	1	4				3		1	1		1	2	3	1				1	1	2	1	1		24
Nagasaki	6	7	10		14		7	7	6	7	7	5	1	4	4	7	3	7	4	6	1	1	4	6	124
Kumamoto	1		4		2		4	2			3	1		1	2		1	1	1	2	6	5	6	5	47
Oita		1																						1	2
Miyazaki	6	5	4		3		6	2	1		1		2	2			1	1			3	3	2		42
Kagoshima	2	2			1			3		1			2	4	1	1	1	1		1	1	2		3	26
Okinawa	12	5	2		4		1			2		1		3	2	1	3	3	3	2	2	1	1	1	49
total	157	136	144	152	179	134	257	140	104	100	94	98	95	108	78	89	65	87	102	101	100	112	141	128	2,901

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.

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

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Fatal accidents in public office in Japan in 1999-2022

public office industry Code No.16

Type of fatal accidents in public office 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	1	1		1			1	1							1					1					7
falling to same level																									
crash																									
struck by flying or falling object																									
collapse																					1				1
crashed by																									
caught in/between	1																								1
cut																									
injury to the sole of the foot																									

drown												1	2												3
contact to high/low-temperature																				1					1
contact to harmful substance																									
electric shock																									
explosion																									
burst																									
fire																									
traffic accident (public road)		1	1	4				1																	7
traffic accident (others)		1																							1
reaction to motion/improper motion																									
others																									
unclassifiable																									
total	2	3	1	5			1	2				1	2		1					2	1				21

Causal agents (large) of fatal accidents in public office 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	1																								1
crane, conveying machine	1	2	1	4				2																	10
other equipment															1										1
temporary buildings, establishments		1		1			1																		3
substance, material																									
load																									
environment												1	2							2	1				6
others																									
total	2	3	1	5			1	2				1	2		1					2	1				21

Causal agents (middle) of fatal accidents in public office 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																									

woodworking machine																									
construction machine	1																								1
metal manufacturing machine																									
general machine																									
mobile silviculture machine																									
crane																									
conveying machine	1	1						1																	3
vehicle		1	1	4				1																	7
pressure vessel																									
chemical facilities																									
welding equipment																									
kiln, caldron																									
electric equipment																									
human power machine, tools																									
tools															1										1
other equipments,																									

facilities																									
temporary buildings, establishments		1		1			1																		3
hazards, harmful substances																									
materials																									
load																									
natural environment												1	2							2	1				6
other causal agent																									
no causal agent																									
unclassifiable																									
total	2	3	1	5			1	2				1	2		1					2	1				21

Causal agents (small) of fatal accidents in public office in 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
engine																									
power transmission mechanism																									

circular sawing machine																									
band sawing machine																									
wood planer machine																									
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine																									
chain saw																									
other woodworking machines																									
leveling, transporting or loading machine																									
excavating machine	1																								1
foundation work machine																									
hardening machine																									

demolition machine																									
vehicle for high lift work																									
other construction machines																									
lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																									
roll machine (except printingroll machine)																									

injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									
other general power machines																									
felling machine																									
mobile logging machine																									
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane																									
derrick crane																									
elevator, lift																									
cargo lifting appliance																									
gondola																									

lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane																									
truck		1						1																	2
forklift																									
railway equipment																									
conveyor																									
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines	1																								1
cars, bus, motorcycle			1	4				1																	6
railway vehicle		1																							1
other vehicles																									
boiler																									

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

human power machine																									
hand tool																									
ladder															1										1
slinging tool																									
other tools																									
other equipment, facilities																									
scaffolding																									
timbering																									
stairs, landing stage							1																		1
opening																									
roof, beam, haze, crossbeam, principal rafter																									
working platform, boot board																									
passage																									
building, establishment		1		1																					2
other temporary buildings,																									

establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances																									
metal material																									
lumber, bamboo																									
stone, sand, substance																									
other materials																									
load																									
machine/equipment as load																									
natural ground, rock																				1				1	
standing tree																			1					1	
water												1	2											3	
abnormal																									

environment																									
high/cold temperature environment																				1					1
other environments																									
other causal agent																									
no causal agent																									
unclassifiable																									
total	2	3	1	5			1	2				1	2		1					2	1				21

Workers age of fatal accidents in public office 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
30-39																									
40-49	1		1	2				1					2												7
50-59	1	1		2				1												1					6
60 years old or more		1		1			1					1			1					1	1				7
total	2	3	1	5			1	2				1	2		1					2	1				21

Workers' number of workplace of fatal accidents in public office 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												1	1							1					3
10-29	1	2						1												1					5
30-49																									
50-99			1	4											1										6
100-299							1	1					1												3
300 workers or more	1	1		1																	1				4
total	2	3	1	5			1	2				1	2		1					2	1				21

Month of fatal accidents in public office 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												1													1
February		1													1										2
March		1						1					2												4
April																									
May	1																								1
June				4																					4

July	1																			1				2
August							1												1					2
September				1				1																2
October																								
November																			1					1
December		1	1																					2
total	2	3	1	5			1	2				1	2		1				2	1				21

Prefecture of fatal accidents in public office 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				5				1												1					7
Aomori																									
Iwate																									
Miyagi													2												2
Akita																									
Yamagata																									
Fukushima																									
Ibaraki																									
Tochigi																									
Gunma																									

Saitama																									
Chiba																									
Tokyo																									
Kanagawa																									
Niigata												1													1
Toyama			1																						1
Ishikawa																									
Fukui																									
Yamanashi																									
Nagano															1										1
Gifu		1																							1
Shizuoka																									
Aichi																									
Mie																									
Shiga																									
Kyoto																									
Osaka																									
Hyogo		1						1																	2
Nara																									
Wakayama																									
Tottori																									

Shimane																									
Okayama																									
Hiroshima	1																								1
Yamaguchi							1																		1
Tokushima																									
Kagawa																									
Ehime		1																							1
Kochi																									
Fukuoka																									
Saga																									
Nagasaki																									
Kumamoto																				1	1				2
Oita																									
Miyazaki																									
Kagoshima	1																								1
Okinawa																									
total	2	3	1	5			1	2				1	2		1					2	1				21

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

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