

Fatal and non-fatal accidents in machinery/apparatus setting work in Japan in 1999-2022

machinery/apparatus setting work industry Code No.030302

Type of accidents in machinery/apparatus setting work 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	220	234	224	220	226	206	210	212	229	203	169	148	153	134	180	173	140	142	148	159	144	142	131	110	4,257
falling to same level	48	48	63	45	46	38	65	37	60	44	43	45	52	54	33	54	40	39	41	36	59	55	49	49	1,143
crash	32	44	33	32	27	19	28	25	27	28	26	22	23	16	20	16	14	26	21	20	27	24	28	19	597
struck by flying or falling object	95	95	105	75	88	94	74	78	84	105	58	61	55	63	53	59	57	56	71	58	52	51	42	40	1,669
collapse	19	30	24	24	22	15	24	28	23	22	29	16	18	27	18	14	13	12	20	23	15	14	12	17	479
crashed by	38	30	37	38	35	31	29	35	25	39	20	19	28	25	28	29	28	22	28	23	26	24	21	20	678
caught in/between	131	143	143	110	99	108	85	112	106	99	95	87	79	108	85	92	89	76	77	94	88	70	81	69	2,326
cut	40	48	34	34	32	26	42	26	37	33	32	18	27	22	29	34	17	25	28	19	27	18	26	21	695
injury to the sole of the foot	2	1	4	2	2	4	3	1	2		2	2	1	4	2	3	2	2	3			2	2	1	47
drown		1		1			1			1			2				1	1	1	2	1				12
contact to high/low-	15	11	24	14	13	18	13	17	14	13	19	18	12	14	9	15	8	13	9	25	12	13	5	4	328

temperature																									
contact to harmful substance	6	18	7	4	10	9	9	3	10	3	8	6	9	6	6	7	7	10	3	8	10	11	5	9	184
electric shock	6	4	4	4	2	5	5	5	6	7	3	2	4	1	2	4		2		3	1	2	2	2	76
explosion	10	4	6	3	4	6	6	1		3	4	7		1	4	1	1		1	2	1	5		5	75
burst	5			2	4	11					1		3	1			2			1		1			31
fire	3	1			1	1	2	1	4	3	4	9	1	4	1	4	4	4	1	1	2	2		1	54
traffic accident (public road)	20	19	25	22	21	23	31	22	12	23	15	23	20	19	28	17	28	46	22	24	29	10	26	18	543
traffic accident (others)	1			1						1						1					1	1			6
reaction to motion/improper motion	35	39	41	42	35	34	27	36	24	22	16	33	27	27	29	23	22	23	28	29	28	33	37	33	723
others	2	4	2	3			2	4	2	3	2	2	5	5	11	5			2	2	3	17	113	3	192
unclassifiable	1	1	1				1	1	1	1						2			1		1				11
total	729	775	777	676	667	648	657	644	666	653	546	518	519	531	538	553	473	499	505	529	527	495	580	421	14,126

Causal agents (large) of fatal and non-fatal accidents in machinery/apparatus setting work 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	81	72	69	71	56	63	63	52	75	67	52	34	55	60	57	48	41	47	52	45	58	40	40	31	1,329

construction machine	4	10	12	8	6	9	9	10	12	8	9	3	6	9	8	6	7	5	8	2	14	11	6	6	188
metal manufacturing machine	28	23	16	24	18	24	25	17	27	30	20	10	20	15	21	18	15	24	16	22	15	16	13	11	468
general machine	35	20	25	31	25	18	15	11	22	18	18	13	20	27	14	15	14	11	16	17	20	8	12	8	433
mobile silviculture machine																									
crane	31	55	55	39	35	34	38	42	30	41	29	26	22	25	22	30	31	25	19	26	29	17	20	25	746
conveying machine	63	67	59	57	69	60	54	56	56	52	42	43	37	41	51	29	49	48	38	48	36	29	37	34	1,155
vehicle	20	13	21	23	18	21	24	17	13	24	18	11	21	18	27	19	27	33	18	16	28	16	27	17	490
pressure vessel	6	7	7	5	8	14	5	4	4	6	2	5	5	3	2	3	3	3	4	5	1	4	4	2	112
chemical facilities	5	2		2	2	4	1	1	1	2	1		4	2	1	3	2	1		2	2	1	1		40
welding equipment	3	6	5	3		3	6	5	3	4	9	12	5	1	3	2	5	2	1	1	3	1		1	84
kiln, caldron	4	5	1	5	3	3	1	3	1	1	5	3			2	1	1	3	1	1	4	3	1		52
electric equipment	8	4	6	8	8	8	6	7	8	7	8	5	5	5	4	10	1	7	1	6	4	4	6	2	138
human power machine, tools	19	43	33	29	26	27	31	30	30	30	21	19	20	24	14	23	18	24	22	28	26	20	24	28	609
tools	101	105	104	102	91	81	81	101	100	92	75	76	71	65	90	85	57	76	83	84	85	82	76	64	2,027
other equipments,	26	46	39	26	36	29	28	32	24	21	31	24	20	24	15	43	16	21	24	24	15	23	9	30	626

facilities																									
temporary buildings, establishments	149	170	187	175	160	156	176	157	170	148	134	126	116	123	126	141	113	113	120	110	124	110	122	100	3,326
hazards, harmful substances	19	22	14	11	11	12	11	6	10	7	10	19	7	12	7	9	9	14	6	14	14	17	5	12	278
materials	89	68	84	62	67	74	60	67	71	83	52	57	54	60	51	43	48	33	50	52	38	51	40	25	1,379
load	75	68	59	40	52	39	48	48	50	47	38	40	38	42	37	31	28	30	38	25	27	35	28	20	983
natural environment	6	8	7	5	12	12	12	8	12	7	9	5	23	12	7	17	13	8	11	21	16	16	10	15	272
other causal agent	6	5	9	2	1		4	2	2	4	2	5	1	2	11	8	3	1	4	4	2	18	112	4	212
no causal agent	17	7	18	11	12	8	7	6	5	9	8	8	14	12	11	6	7	10	11	16	14	8	18	11	254
unclassifiable	1	2					1		1	1			1			2	1		2	1	1				14
total	729	775	777	676	667	648	657	644	666	653	546	518	519	531	538	553	473	499	505	529	527	495	580	421	14,126

Causal agents (small) of fatal and non-fatal accidents in machinery/apparatus setting work 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			2		1		1	2	5	1		1		2				1	1				1	2	20
power transmission mechanism			5		1		7	5	3	5	1	4	4	5	4	3	2	4	7	3	5	2	5	3	78
circular sawing			7		4		3	5	4	4	4	3	3	1	8	1	2	2	3	1	4	3	2	1	65

machine																									
band sawing machine																									
wood planer machine			1		1								1											3	
hollow chisel mortiser, wood borer																									
chamfering machine, router, woodworking milling machine															1									1	
chain saw							1	1					1		2							1		6	
other woodworking machines			1				3	1	1	1			1		2	2	1		1					14	
leveling, transporting or loading machine			1		1			1		2						2	1					1	1	1	11
excavating machine			6				3	4	3	4	2	2	1	1	4	3	2	2	4	1	3	1	2		48
foundation work machine								1	1					1							1	2		1	7
hardening machine					1									1				1							3
demolition machine			1		1		1	2	1		1			1	1	1	3		2	1		1			17

lumberyard equipment, logging cableway																					1				1
simple skyline yarding equipment																						1			1
other powered crane			5		9		7	7	4	5	2	6	6	2	6	3	8	7	3	3	3	2	1	7	96
truck			40		37		32	32	25	31	26	29	20	25	28	19	33	35	25	28	22	15	24	15	541
forklift			6		20		10	16	12	14	12	8	9	6	12	6	5	7	5	8	8	4	8	14	190
railway equipment					1							1				1									3
conveyor			9		6		10	8	9	6	2	3	6	8	3	2	7	5	5	11	5	9	3	4	121
loader												1													1
straddle carrier																									
rough terrain hauler																							1		1
other powered conveying machines			4		5		2		10	1	2	2	1	2	8	1	4	1	3	1	1	1	1	1	51
cars, bus, motorcycle			21		17		24	16	13	22	18	11	21	18	27	19	27	33	17	16	27	16	26	16	405
railway vehicle																								1	1
other vehicles					1			1		2									1		1		1		7
boiler			5		1		1	2	1	1		2	1	2	1	3	1	3	1	1	1	1	2		30
pressure vessel			1		4		3	2	1	2	2		1		1				1	1			1	2	22

other pressure vessels			1	3		1	2	3		3	3	1			2		2	3		3	1		28	
chemical facilities				2		1	1	1	2	1		4	2	1	3	2	1		2	2	1	1		27
gas welding equipment			3			1	4	2	2	6	6	1	1		1	5		1	1	1			1	36
arc welding equipment			2			4	1	1	1	3	5	4		3			2			1	1			28
other welding equipment						1			1		1				1					1				5
kiln, caldron			1	1		1	2	1		5	2			1	1	1	2	1	1	4	3			27
industrial dryer				1			1				1			1			1					1		6
other kiln, caldron				1					1															2
transmission			1	1		2	3	3		1		1		1	3				2	2		2	1	23
electric power facilities			2	3		2	2	3	4	3	3	1	3	1	5		4	1	2	1		2	1	43
other electrical equipment			3	4		2	2	2	3	4	2	3	2	2	2	1	3		2	1	4	2		44
human power cranes			9	8		9	4	9	9	3	3	5	3	3	6	4	5	2	6	5	3	5	6	107
human power hauling equipment			7	6		2	6	2	6	4	3	5	7	5	3	2	6	3	9	4	8	3	11	102
human power							2		3	1			1		1	1			2	1				12

machine																										
hand tool			17		12		20	18	19	12	13	13	10	13	6	13	11	13	17	11	16	9	16	11	270	
ladder			69		69		61	80	69	69	54	61	58	53	73	61	42	56	59	68	65	62	52	53	1,234	
slinging tool			19		6		11	7	14	10	10	9	4	5	9	10	4	14	11	7	9	10	8	2	179	
other tools			16		16		9	14	17	13	11	6	9	7	8	14	11	6	13	9	11	10	16	9	225	
other equipment, facilities			39		36		28	32	24	21	31	24	20	24	15	43	16	21	24	24	15	23	9	30	499	
scaffolding			40		24		23	32	36	33	16	15	12	16	14	14	16	15	11	18	15	9	16	7	382	
timbering																		1	1				1	1	4	
stairs, landing stage			14		19		21	16	24	12	11	23	12	10	7	22	11	15	15	14	20	19	16	14	315	
opening			14		17		11	14	13	7	12	5	6	4	7	11	17	10	8	14	11	9	11	3	204	
roof, beam, haze, crossbeam, principal rafter			19		13		25	13	11	10	11	12	19	23	29	22	14	17	12	9	8	15	11	5	298	
working platform, boot board			25		20		15	12	20	22	24	21	13	14	9	12	7	13	16	11	14	14	12	10	304	
passage			25		18		28	17	16	17	16	14	23	16	17	24	26	18	23	24	26	20	24	32	424	
building, establishment			36		30		38	38	34	35	34	24	15	22	25	24	14	17	20	12	17	14	19	16	484	
other temporary buildings, establishments			14		19		15	15	16	12	10	12	16	18	18	12	8	8	14	7	13	10	12	12	261	

explosive substance				1		5									1							4	11	
inflammable substance						1	1	3	2		8					1	2	1	2	2	7		1	31
inflammable gas			4			1		2	1	3	4		4	2	2	1	3	1	5	2	1		2	38
harmful substance			3		6	3	2	5	2	3	4	5	4	5	3	1	5	3	4	4	5	4	2	73
radiation			1																					1
other hazards, harmful substances			6		4	1	3		2	4	3	2	4		3	6	4	1	3	6	4	1	3	60
metal material			72		53	47	54	54	72	44	51	44	50	44	35	39	26	44	45	37	43	33	22	909
lumber, bamboo			7		6	3	4	9	2	4	1	5	2	3	5	1	4	3	3		2		1	65
stone, sand, substance			2				5		2	1	2		1	2	1	1	1	1	1					21
other materials			3		8	10	4	8	7	3	3	5	7	2	2	7	2	2	3		6	7	2	91
load			23		21	21	20	14	20	14	16	15	13	15	9	8	14	17	9	12	13	14	11	299
machine/equipment as load			36		31	27	28	36	27	24	24	23	29	22	22	20	16	21	16	15	22	14	9	462
natural ground, rock					1	1	1	2	2		2	2	3	2	2	3	1	1	1	2		1	1	28
standing tree					1			2							3	2	1		1	3	1	1	3	18
water												3	1			2	1	1			2	1		11
abnormal environment					2	5													1	1			1	10

high/cold temperature environment			4		3		1	5	6	2	6	3	4	4	4	6	3	5	4	13	5	8	3	3	92
other environments			3		5		5	2	2	3	3		14	4	1	6	3		5	5	5	5	4	7	82
other causal agent			9		1		4	2	2	4	2	5	1	2	11	8	3	1	4	4	2	18	112	4	199
no causal agent			18		12		7	6	5	9	8	8	14	12	11	6	7	10	11	16	14	8	18	11	211
unclassifiable							1		1	1			1			2	1		2	1	1				11
total	729	775	777	676	667	648	657	644	666	653	546	518	519	531	538	553	473	499	505	529	527	495	580	421	14,126

Workers age of fatal and non-fatal accidents in machinery/apparatus setting work 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	22	24	20	18	8	8	11	19	17	16	7	14	11	17	21	24	10	7	7	11	10	9	9	10	330
20-29	186	185	161	161	150	128	118	123	120	107	93	99	104	101	102	108	63	95	96	92	83	101	112	70	2,758
30-39	111	167	175	140	140	149	173	142	175	174	148	140	101	119	109	114	113	115	103	98	112	95	127	92	3,132
40-49	143	138	136	122	120	108	101	107	103	132	111	112	119	108	116	122	132	124	113	153	130	135	128	74	2,887
50-59	193	191	209	172	170	173	171	179	160	138	109	101	101	100	106	89	79	87	100	84	99	87	119	100	3,117
60 years old or more	74	70	76	63	79	82	83	74	91	86	78	52	83	86	84	96	76	71	86	91	93	68	85	75	1,902
total	729	775	777	676	667	648	657	644	666	653	546	518	519	531	538	553	473	499	505	529	527	495	580	421	14,126

Workers' number of workplace of fatal and non-fatal accidents in machinery/apparatus setting work in 1999-2022

Chiba	41	41	47		39		36	38	27	35	41	21	31	31	39	22	18	14	37	27	26	23	24	26	684
Tokyo	50	62	70		54		45	43	47	40	26	32	39	37	33	39	29	24	35	28	31	26	27	29	846
Kanagawa	39	38	53		43		46	39	47	44	46	32	26	31	28	43	30	47	32	39	41	39	33	14	830
Niigata	25	14	21		10		11	14	9	12	11	9	7	10	17	14	11	14	20	16	12	13	7	14	291
Toyama	3	5	7		3		4	5	14	5	3	2	4	5	3	6	10	5	1	10	3	4	5	9	116
Ishikawa	4	6	8		3		3	5	3	2	6	6	7	5	1	6	3	6	6	8	3	7	5	2	105
Fukui	6	10	5		6		5	7	9	4	10	6	7	9	3	9	7	3	6	8	3	6	19	5	153
Yamanashi	3	4	4		8		2		1	1	3	1			1	4	4	4		1	3	1	2	4	51
Nagano	9	9	11		5		6	3	12	6	1	7	2	2	7	7	9	6	8	2	7	5	4	4	132
Gifu	12	8	10		15		14	4	6	9	12	9	12	13	9	10	9	5	7	6	6	2	7	8	193
Shizuoka	31	41	33		23		30	34	41	42	26	26	17	28	20	15	22	21	10	24	25	18	22	17	566
Aichi	55	47	34		37		50	51	46	40	30	26	32	18	21	31	22	29	30	27	30	43	22	28	749
Mie	18	25	9		21		15	26	16	15	5	12	11	10	8	10	14	16	22	9	12	9	10	9	302
Shiga	1	10	11		11		11	5	6	12	7	5	8	5	3	3		3	4	6	6	7	7	3	134
Kyoto	17	18	14		17		19	20	16	16	14	12	11	10	10	11	4	6	4	3	7	7	6	6	248
Osaka	64	62	61		43		42	34	48	54	55	46	47	32	32	29	28	18	18	39	29	17	28	23	849
Hyogo	26	46	42		28		32	33	37	31	26	30	26	25	30	29	21	32	25	20	28	32	23	8	630
Nara	5	4	3		2		2	5	4	4	5	5	5	7		3	2	4	3	3	5	3	3	11	88
Wakayama	11	13	7		5		7	5	3	4	2	8	3	5	4	2	1		2	5	2	1	1	3	94
Tottori	1	3			3		1	2	1	1	1	1	3			5	1		4	1	2		4	1	35
Shimane	3	2	1		1		1	2	3	1	2	1	3	2	4	2	4	2	3	2	3	3	3	3	51

Okayama	9	10	18		8		10	22	13	10	9	11	9	5	12	8	10	5	10	8	7	5	11	10	220
Hiroshima	26	25	18		16		12	12	12	13	6	11	12	12	15	8	16	17	11	23	7	11	16	10	309
Yamaguchi	9	17	12		8		11	11	12	18	6	7	11	16	14	9	8	30	9	7	10	8	11	10	254
Tokushima	8	5	4		5		8	7	3	8	4	3		7	5	6	2	4	3	5	5	2	14	1	109
Kagawa	11	6	4		4		7	7	5	4	5	3	3	3	6	3	1	6	4	3	3	2	4	1	95
Ehime	9	7	11		12		6	7	12	3	4	13	9	11	6	8	11	6	11	12	10	9	22	11	210
Kochi	8	3	10		3		3	4	2	6		7	4	5	1	3	7	2	1	3	5	1	3	2	83
Fukuoka	27	24	28		36		36	22	23	32	16	20	14	19	28	24	13	15	20	19	21	15	29	18	499
Saga	6	10	6		1		4	3	4	3		2	3	5	7	1	1	2	3	4	4	6	21	3	99
Nagasaki	9	5	9		4		4	10	6	2	1	7	2	5	6	11	6	4	5	5	6	2	5	4	118
Kumamoto	6	4	4		7		7	8	7	4	8	5	5	5	8	4	2	7	12	3	5	6	6	2	125
Oita	12	11	21		7		5	7	14	11	9	10	10	11	14	13	11	5	8	14	12	12	6	10	233
Miyazaki	4	5	4		5		6	5	3	3	5	3	1	5	11	10	6	5	12	5	1	13	2	2	116
Kagoshima	8	9	7		8		8	8	3	7	4	5	2		7	2	6	10	11	4	6	6	11	9	141
Okinawa	3	5	3		4		2	4	4	4	5	5	2	6	5	2	2	5	3		1	1	6	1	73
total	729	775	777	676	667	648	657	644	666	653	546	518	519	531	538	553	473	499	505	529	527	495	580	421	14,126

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)

machine	1	3	1	2	1	1	1	1	2				2	2		1	1	2	3				2	26	
crane, conveying machine	6	6	5	5	6	6	7	6	4	2	5	7	6	4	1	8	4	2	3	5	3		1	5	107
other equipment	4	6	1	8	3	10	4	8	3	4	5	4	8	1	2	5	6	2		3		4	1	6	98
temporary buildings, establishments	7	4	5	9	6	9	7	6	5	8	8	2	4	4	5	2	3	2	1	2	4	6	2	3	114
substance, material	3		1			1	2		2	1	2		2		1		1	1		2			1		20
load	2	2	2			2	1	2	4				1	2	2		1		1	2	1	2			27
environment	1		1	2			1	1	1				7		1		1	1	1						18
others	1	1		1				1			1	2		1					1	1			1		11
total	25	22	16	27	16	29	23	25	21	15	21	15	30	14	12	16	17	10	10	15	8	12	6	16	421

Causal agents (middle) of fatal accidents in machinery/apparatus setting work 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									1																	1
construction machine		1					1										1		1						1	5

metal manufacturing machine	1	1			1									1	1		2							7	
general machine		1	1	2		1		1	1				2	1				2						1	13
mobile silviculture machine																									
crane	2	2	2	2	2	3	5	1	3		2	1	4	2		5	2	1	1	1	2		1	2	46
conveying machine	2	4	2	3	3	2	2	5	1	1	1	6	1	2			2	1	1	4				2	45
vehicle	2		1		1	1				1	2		1		1	3			1		1			1	16
pressure vessel				2		5							1					1							9
chemical facilities																									
welding equipment						1	1				3	2	2				3								12
kiln, caldron						1									1										2
electric equipment		1		1		1	1	2		1		1				1									9
human power machine, tools		2					1		2	1			1							2					9
tools	3	1	1	2	1	2		4	1	1	1	1	2		1		2	1		1		1	1	2	29
other equipments, facilities	1	2		3	2		1	2		1	1		2	1		4	1						3	4	28
temporary buildings, establishments	7	4	5	9	6	9	7	6	5	8	8	2	4	4	5	2	3	2	1	2	4	6	2	3	114
hazards, harmful substances	1					1			1		1							1		2					7

machine																								
skyline yarding machine																								
other mobile silviculture machine																								
crane	1		1	1		1	1				1					3	1	1					1	12
mobile crane			1	1	1	1		1	1							2	1		1	1	2			13
derrick crane																								
elevator, lift		1			1		2		1		1	1	2	2								1		12
cargo lifting appliance																								
gondola	1																							1
lumberyard equipment, logging cableway																								
simple skyline yarding equipment																								
other powered crane		1				1	2		1				2										1	8
truck	1	4	1		1		1	1		1		5	1	1			1		1	3			1	23
forklift			1	1	2	1		2	1		1						1	1					1	12
railway equipment																								
conveyor	1			2			1	2						1						1				8

20-29	5	7	4	6	3	4	3	2	1	2	4	4	5	3	4	4	1	4	1	2	1	1		4	75
30-39	3	4	3	1		7	8	3	3	1	1	4		3	1	3	3	1	1	2	2	2			56
40-49	4	3	1	5	2	2	3	6	5	4	4	1	9	2	1	2	5	3	2	4	3	5	1		77
50-59	8	6	4	11	6	9	9	9	5	4	8	3	10	2	3	2	5	2	5	2		3	3	4	123
60 years old or more	5	1	3	4	5	7		4	7	3	4	2	4	4	3	5	3		1	5	2	1	2	7	82
total	25	22	16	27	16	29	23	25	21	15	21	15	30	14	12	16	17	10	10	15	8	12	6	16	421

Workers' number of workplace of fatal accidents in machinery/apparatus setting work 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	12	12	10	15	5	15	11	10	11	8	11	10	15	6	8	6	6	4	5	5	4	6	3	11	209
10-29	8	4	4	9	8	10	8	13	6	3	5	5	10	5	3	10	9	4	1	5	3	3	1	4	141
30-49	3	1	1	1	2	1	3		1	3	4		1	1	1			2	2	2		2	2		33
50-99	2		1	2	1	1	1						2				2		1	2				1	16
100-299		4						2	2	1			2	2					1	1	1				16
300 workers or more		1				2			1		1											1			6
total	25	22	16	27	16	29	23	25	21	15	21	15	30	14	12	16	17	10	10	15	8	12	6	16	421

Month of fatal accidents in machinery/apparatus setting work 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	1		1	4		3	1	2	3	1	1		3	2		1	1		2		3	31

total	25	22	16	27	16	29	23	25	21	15	21	15	30	14	12	16	17	10	10	15	8	12	6	16	421
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Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> (MHLW, Japan)

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