

drown	1	2	2	-	1	1	1	0	0	1	1	0	3	1	0	0	0	0	3	1	1	0
contact to high/low- temperature	18	15	19	31	18	20	19	16	19	18	22	25	23	27	20	9	26	19	31	27	30	17
contact to harmful substance	3	0	5	3	0	2	7	2	0	10	6	0	3	6	2	1	0	4	1	2	3	1
electric shock	1	1	2	-	1	1	0	1	2	2	2	0	0	1	1	1	1	0	1	2	2	1
explosion	0	0	0	2	0	-	0	0	0	0	1	0	1	2	0	3	1	0	0	2	0	0
burst	0	0	0	-	1	-	0	0	0	0	0	0	1	3	0	0	0	0	0	2	0	0
fire	1	0	5	1	0	3	1	1	4	2	2	1	0	0	0	1	0	0	1	0	0	0
traffic accident (public road)	17	21	32	28	27	42	23	32	33	27	19	25	26	15	18	21	25	12	23	15	13	10
traffic accident (others)	1	0	0	-	0	1	1	0	1	2	1	0	0	0	0	3	2	2	2	1	2	0
reaction to motion/improper motion	148	151	200	167	177	166	210	246	269	308	272	243	233	241	190	168	206	188	187	208	208	173
others	20	19	17	16	36	22	21	22	18	20	24	19	32	18	12	19	14	25	11	18	24	23
unclassifiable	12	12	3	10	8	10	8	13	4	9	5	5	1	5	5	5	7	1	3	7	3	1
total	1,029	994	1,059	1,031	1,057	1,056	1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

Causal agents (middle) of industrial accidents in other amusement service in 1999-2020

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
engine	1	0	1	1	0	1	1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0
power transmission mechanism	9	4	7	16	8	4	8	9	11	17	8	8	3	10	5	6	8	8	6	3	7	7
woodworking machine	7	6	6	4	4	3	3	1	4	4	3	5	1	4	3	2	5	4	3	1	3	6
construction machine	3	8	4	3	3	3	1	1	3	2	1	1	3	1	4	0	2	1	0	3	1	4
metal manufacturing machine	5	3	0	2	1	-	1	0	0	3	1	2	2	3	0	1	1	1	3	1	1	1
general machine	40	28	36	29	39	40	32	26	24	32	37	30	26	28	27	23	27	18	23	21	19	16
mobile silviculture machine																	1	0	0	0	0	0
crane	6	4	9	4	10	2	1	7	5	4	2	2	2	1	1	1	7	4	3	4	2	6

conveying machine	22	18	21	18	24	19	19	8	12	20	13	13	16	15	7	8	16	13	11	14	16	10
vehicle	44	36	60	50	49	65	40	49	53	58	41	43	40	27	37	34	35	30	39	36	37	30
pressure vessel	2	2	1	-	2	1	1	1	0	1	1	0	0	5	2	0	1	1	1	2	0	1
chemical facilities	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	1	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	1	3	1	-	1	0	2	2	1	1	1	2	0	1	2	0	1	2	1	0
electric equipment	5	2	3	-	0	2	4	3	4	0	3	1	1	1	3	3	3	3	1	1	2	0
human power machine, tools	31	36	31	37	29	47	40	38	43	39	39	38	31	33	33	27	32	28	26	30	20	13
tools	82	92	101	93	102	98	108	119	96	115	118	94	89	113	110	91	95	106	98	124	123	107
other equipments, facilities	48	41	33	38	42	60	58	41	48	63	55	66	51	50	49	70	58	59	61	55	58	54
temporary buildings, establishments	314	313	344	312	314	318	285	308	319	363	319	302	302	333	297	294	303	291	297	324	308	314
hazards, harmful	7	3	13	12	6	7	10	7	4	12	9	6	4	10	6	9	6	2	8	7	10	3

substances																						
materials	28	26	24	36	34	32	26	33	32	38	37	23	28	37	31	19	29	25	28	26	21	20
load	80	86	100	88	94	97	113	132	163	179	152	141	129	108	77	75	96	90	89	80	88	46
natural environment	156	136	127	122	125	105	106	111	99	98	98	92	124	110	115	104	105	106	121	131	136	129
other causal agent	74	70	57	69	74	64	66	59	52	49	55	45	42	41	47	34	33	41	52	56	64	37
no causal agent	47	54	73	79	84	75	87	101	96	107	127	102	101	117	92	83	95	83	84	119	98	90
unclassifiable	18	26	6	15	12	13	9	16	7	9	10	5	5	6	5	6	6	1	1	5	3	2
total	1,029	994	1,059	1,031	1,057	1,056	1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

Causal agents (small) of industrial accidents in other amusement service in 1999-2020

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
engine			1		0		1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0
power transmission mechanism			7		8		8	9	11	17	8	8	3	10	5	6	8	8	6	3	7	7
circular sawing machine			4		2		0	0	2	1	2	3	0	4	0	1	3	2	3	0	2	2
band sawing machine			0		0		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

vehicle for high lift work			0		0		0		0		0		0		0		0		0		0		0		0		2		0		0		0		0		0		0		0				
other construction machines			2		1		1		1		1		1		2		1		1		0		0		0		0		0		0		0		0		0		1		1		0		
lathe			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		1		0		0		0
drill press, milling machine			0		0		0		0		0		0		1		0		0		0		0		0		0		0		0		0		0		1		0		0		0		
grinding machine, buffing machine			0		1		0		0		0		0		2		0		1		0		1		1		1		1		1		1		0		0		0		1		0		
power press			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		
forging pressure hammer			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		
shearing machine			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		
other metal manufacturing machines			0		0		1		0		0		3		1		0		1		2		0		0		0		0		0		0		0		1		1		0		1		
centrifugal machine			0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		0		
mixer, grinder			0		0		0		0		0		0		0		0		0		1		0		1		1		0		0		0		0		0		0		0		0		
roll machine (except printingroll machine)			0		0		1		0		1		0		0		0		0		0		0		0		0		0		0		0		1		0		0		0		0		

railway vehicle			0		0		0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0
other vehicles			19		15		9	7	9	16	17	10	8	7	17	8	7	6	8	14	16	14
boiler			1		0		0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
pressure vessel			0		1		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
other pressure vessels			0		1		1	1	0	1	0	0	0	4	2	0	1	1	0	2	0	0
chemical facilities			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gas welding equipment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding equipment			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			1		0		1	0	2	2	1	1	1	2	0	1	1	0	1	2	1	0
industrial dryer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other kiln, caldron			0		1		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
transmission			1		0		2	2	1	0	1	0	0	1	0	3	1	0	0	1	1	0
electric power facilities			0		0		0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0
other electrical			2		0		2	1	3	0	1	1	1	0	3	0	2	2	1	0	0	0

other materials			6		16		14	18	26	20	19	18	20	27	16	10	24	12	13	11	14	16
load			90		90		102	114	148	161	136	131	120	95	72	70	86	75	80	70	77	37
machine/equipment as load			10		4		11	18	15	18	16	10	9	13	5	5	10	15	9	10	11	9
natural ground, rock			3		7		17	10	6	10	5	4	18	13	10	7	9	5	8	4	10	8
standing tree			6		2		3	2	7	4	6	1	5	2	5	1	4	2	2	2	1	4
water			3		2		2	1	4	2	4	1	14	2	4	2	2	1	11	8	5	3
abnormal environment			0		0		2	0	1	1	1	1	0	0	0	1	0	2	1	0	0	0
high/cold temperature environment			5		3		3	1	6	0	2	4	5	5	5	4	7	2	6	8	8	9
other environments			110		111		79	97	75	81	80	81	82	88	91	89	83	94	93	109	112	105
other causal agent			57		74		66	59	52	49	55	45	42	41	47	34	33	41	52	56	64	37
no causal agent			73		84		87	101	96	107	127	102	101	117	92	83	95	83	84	119	98	90
unclassifiable			6		12		9	16	7	9	10	5	5	6	5	6	6	1	1	5	3	2
total			1,059		1,057		1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

Workers age of industrial accidents in other amusement service in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	50	37	44	56	54	61	53	43	58	61	43	29	37	45	42	32	23	31	52	33	43	26
20-29	330	359	385	379	385	393	401	431	411	473	479	392	393	375	311	261	285	271	210	292	256	228
30-39	152	129	135	163	172	168	169	194	210	248	226	225	185	220	225	194	207	180	221	210	200	162
40-49	121	116	128	99	101	96	98	102	103	78	96	103	103	120	103	106	140	154	154	157	174	145
50-59	216	203	209	184	197	214	174	174	155	200	123	138	126	124	115	112	116	111	117	136	133	122
60 years old or more	160	150	158	150	148	124	125	126	141	155	163	133	157	172	155	187	195	169	202	217	212	213
total	1,029	994	1,059	1,031	1,057	1,056	1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

Workers' number of workplace of industrial accidents in other amusement service in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	209	201	196	192	179	170	180	152	182	142	150	124	156	160	130	124	155	154	153	168	146	159
10-29	298	270	347	297	294	310	322	288	294	312	283	287	285	329	327	320	325	294	323	336	335	299
30-49	170	179	154	191	233	239	225	291	242	332	294	291	266	272	204	196	212	209	204	233	229	201
50-99	135	130	135	144	151	139	143	147	170	224	222	156	151	154	157	137	134	142	153	144	168	125
100-299	134	104	122	102	117	118	90	114	133	134	141	122	105	96	101	91	99	78	87	107	102	84

300 workers or more	83	110	105	105	83	80	60	78	57	71	40	40	38	45	32	24	41	39	36	57	38	28
total	1,029	994	1,059	1,031	1,057	1,056	1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

Month of industrial accidents in other amusement service in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	103	71	116	109	120	90	115	101	102	113	117	124	113	117	115	89	97	103	96	133	78	109
February	95	95	98	89	81	102	109	118	97	111	115	103	93	94	74	73	87	82	94	97	89	83
March	100	98	84	80	84	96	80	89	94	107	97	93	89	74	64	68	86	84	86	82	78	66
April	78	81	102	92	96	81	79	71	97	93	86	84	78	97	91	69	73	68	61	70	77	60
May	89	78	94	79	105	100	77	87	91	105	124	84	62	70	94	83	88	80	81	86	89	53
June	70	96	77	78	90	97	87	98	99	113	87	85	81	96	78	62	84	72	83	68	95	88
July	80	82	91	81	82	82	77	82	103	97	94	73	98	112	78	71	96	75	73	88	90	71
August	97	83	74	79	88	90	71	87	86	97	86	82	76	109	73	86	87	66	72	97	107	81
September	90	74	85	91	80	71	87	84	84	88	71	82	75	69	69	61	78	76	89	97	74	81
October	82	82	96	81	77	91	65	104	77	101	70	82	75	70	83	66	60	68	78	85	73	60
November	71	68	64	96	78	73	70	84	68	89	85	61	83	71	64	78	67	53	73	66	76	53
December	74	86	78	76	76	83	103	65	80	101	98	67	78	77	68	86	63	89	70	76	92	91
total	1,029	994	1,059	1,031	1,057	1,056	1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

Prefecture of industrial accidents in other amusement service in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	67	75	70		90		88	83	94	103	75	64	60	63	70	71	60	56	57	58	69	53
Aomori	12	9	13		17		17	10	15	23	14	14	12	15	9	11	5	7	12	7	8	10
Iwate	30	18	17		35		26	17	23	22	17	18	23	23	12	10	20	16	23	14	12	22
Miyagi	14	26	31		23		23	28	26	34	31	19	25	17	23	20	25	20	18	20	29	22
Akita	9	12	13		13		11	11	13	15	8	6	4	10	7	12	7	10	8	14	7	13
Yamagata	11	22	24		20		16	14	9	16	14	11	12	11	12	11	11	12	8	15	14	8
Fukushima	34	24	17		22		20	19	18	27	29	29	26	22	29	12	19	17	10	24	12	13
Ibaraki	14	17	18		12		17	18	20	8	21	23	23	18	17	15	14	22	27	32	25	14
Tochigi	16	14	23		18		13	18	19	30	18	29	16	20	15	12	24	19	29	20	14	21
Gunma	34	32	20		31		23	32	29	35	38	28	17	33	33	26	27	23	26	24	35	23
Saitama	25	24	23		34		35	40	41	50	53	40	49	47	32	33	41	30	39	58	48	46
Chiba	36	32	27		26		24	40	55	47	39	58	59	53	58	55	43	54	61	50	67	66
Tokyo	65	70	77		70		70	77	81	81	70	78	91	88	86	65	83	87	57	104	72	68
Kanagawa	46	57	46		46		43	40	58	47	46	49	41	45	49	48	45	46	35	55	51	49
Niigata	33	26	39		35		19	53	19	31	39	29	20	28	26	22	31	22	18	22	23	17
Toyama	6	13	13		11		13	6	5	10	14	3	10	6	5	10	11	11	9	12	10	7

Tokushima	9	4	8		10		9	14	11	16	9	9	8	7	7	9	6	4	8	4	5	4
Kagawa	13	10	9		11		15	14	12	18	15	8	6	8	6	9	5	8	10	10	10	11
Ehime	15	11	16		15		13	16	12	20	10	7	14	8	5	6	7	10	10	8	7	6
Kochi	9	5	10		15		7	9	12	9	12	12	8	9	14	5	12	9	18	7	14	11
Fukuoka	34	36	40		40		45	42	40	57	50	32	34	33	45	31	46	32	35	45	36	36
Saga	8	12	9		8		10	11	11	11	12	8	4	8	6	5	6	8	4	4	10	11
Nagasaki	11	10	22		11		14	11	21	10	8	11	10	8	7	4	5	6	8	9	9	11
Kumamoto	41	25	28		33		34	32	15	29	22	22	23	25	16	24	23	15	24	24	13	11
Oita	17	20	12		12		15	23	18	18	14	14	15	14	10	10	17	16	13	13	19	12
Miyazaki	19	18	11		17		23	17	19	18	9	12	14	12	7	8	14	15	10	10	10	9
Kagoshima	23	10	27		19		21	16	16	13	13	16	13	19	17	16	16	16	17	16	14	15
Okinawa	5	10	10		9		9	12	10	11	4	15	10	20	12	13	9	11	11	14	18	11
total	1,029	994	1,059		1,057		1,020	1,070	1,078	1,215	1,130	1,020	1,001	1,056	951	892	966	916	956	1,045	1,018	896

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

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html

other equipments, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	2	17	3	1	1	0	4	0	1	2	1	1	1	1	0	0	2	1	0	1	0
hazards, harmful substances	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
materials	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	3	2	2	0	3	3	1	1	1	1	0	4	12	2	1	0	1	1	3	0	0	0
other causal agent	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0
unclassifiable	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
total	8	8	25	7	7	8	2	9	4	6	8	9	15	3	3	2	1	6	4	5	2	1

Causal agents (small) of fatal accidents in other amusement service in 1999-2020

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
engine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0

load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	1	2	1	0	1	1	1	0	0	1	0	0	11	0	0	0	0	0	3	0	0	0
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
other environments	2	0	0	0	1	2	0	1	0	0	0	4	1	2	1	0	0	1	0	0	0	0
other causal agent	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0
unclassifiable	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0
total	8	8	25	7	7	8	2	9	4	6	8	9	15	3	3	2	1	6	4	5	2	1

Workers age of fatal accidents in other amusement service in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	0	3	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
20-29	3	2	17	0	0	3	1	0	1	1	4	0	1	0	1	1	0	0	1	0	0	0
30-39	1	2	3	0	2	1	0	1	0	0	0	3	6	0	1	0	1	1	0	1	0	0
40-49	1	0	0	3	1	1	0	1	0	1	1	3	2	0	0	0	0	0	0	1	0	1

50-59	2	1	0	1	0	1	1	1	0	2	1	2	3	0	0	0	0	3	1	1	0	0
60 years old or more	1	3	2	3	3	2	0	6	3	2	2	0	2	3	1	1	0	2	2	2	2	0
total	8	8	25	7	7	8	2	9	4	6	8	9	15	3	3	2	1	6	4	5	2	1

Workers' number of workplace of fatal accidents in other amusement service in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	6	2	0	2	3	2	2	4	1	0	3	1	9	2	2	0	0	3	3	3	1	1
10-29	0	3	22	1	2	4	0	2	0	4	0	2	5	1	1	0	0	2	0	1	0	0
30-49	2	0	2	3	0	1	0	1	1	0	1	5	0	0	0	1	1	0	1	0	1	0
50-99	0	1	1	1	1	0	0	0	1	1	3	0	1	0	0	1	0	0	0	0	0	0
100-299	0	2	0	0	1	1	0	2	1	1	0	1	0	0	0	0	0	1	0	1	0	0
300 workers or more	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
total	8	8	25	7	7	8	2	9	4	6	8	9	15	3	3	2	1	6	4	5	2	1

Month of fatal accidents in other amusement service in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	1	0	1	0	0	0	0	0	0	1	2	0	0	0	2	1	0	1	1	1	0	0
February	0	0	2	1	1	2	0	0	1	0	3	0	0	0	0	0	0	0	1	0	0	0

Kumamoto	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oita	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0
total	8	8	25	7	7	8	2	9	4	6	8	9	15	3	3	2	1	6	4	5	2	1

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html