

general machine	135	118	129	116	138	120	103	105	95	106	111	100	84	88	90	70	94	77	68	75	76	52	74	77	2,301
mobile silviculture machine																	2	1		2	2	4	1		12
crane	8	10	10	7	12	7	2	7	9	5	4	4	4	2	3	4	7	6	3	5	2	6		4	131
conveying machine	179	169	145	126	140	124	116	136	101	120	102	100	77	83	77	82	90	77	85	87	81	72	58	81	2,508
vehicle	210	192	207	202	189	222	186	182	199	176	179	154	156	151	153	152	140	129	152	157	130	112	126	115	3,971
pressure vessel	2	2	1	2	3	1	2	1		2	2		1	5	3		1	1	1	3		2		1	36
chemical facilities																									
welding equipment			2				1	1																	4
kiln, caldron			8	3	1		1	2	2	3	1	1	2	4		1	2	3	1	2	2		2		41
electric equipment	5	4	4	4	1	3	5	3	4	2	4	3	2	2	5	7	3	4	2	2	5	1	2	6	83
human power machine, tools	72	81	74	74	70	85	72	80	79	83	71	66	59	61	61	52	66	58	60	58	64	35	42	62	1,585
tools	247	206	250	187	226	207	214	240	222	252	230	204	221	227	210	195	203	207	203	253	234	187	203	200	5,228
other equipments, facilities	72	64	76	66	65	85	74	66	66	89	78	93	81	73	64	94	82	96	80	74	86	83	86	89	1,882
temporary buildings, establishments	772	772	793	691	710	732	685	767	729	807	739	656	684	724	667	705	721	687	706	791	728	699	700	760	17,425
hazards, harmful substances	14	8	16	20	8	18	15	12	10	15	11	8	8	16	9	12	14	7	14	11	11	5	5	7	274
materials	86	103	82	99	85	87	70	93	104	71	84	55	60	62	50	47	55	48	57	53	46	35	28	45	1,605

conveying machines			90		92		69	86	70	72	65	65	42	46	41	49	48	41	43	44	42	39	35	48	1,127
cars, bus, motorcycle			106		88		89	89	102	98	73	84	78	74	62	77	77	58	78	74	68	49	63	48	1,535
railway vehicle											1	1							1						3
other vehicles			101		101		97	93	97	78	105	69	78	77	91	75	63	71	73	83	62	63	63	67	1,607
boiler			1		1		1				2			1											6
pressure vessel					1					1									1			1			4
other pressure vessels					1		1	1		1			1	4	3		1	1		3		1		1	19
chemical facilities																									
gas welding equipment								1																	1
arc welding equipment			2				1																		3
other welding equipment																									
kiln, caldron			8				1	1	2	3	1	1	2	3		1	1	1	1	2	1		2		31
industrial dryer																		2							2
other kiln, caldron					1			1						1			1				1				5
transmission			1				2	2	1		1			1	1	4	1			1	2	1	2	2	22
electric power facilities											1	1	1			1		2			1			1	8
other electrical			3		1		3	1	3	2	2	2	1	1	4	2	2	2	2	1	2			3	37

water			5		8		5	4	8	5	7	6	17	4	9	3	5	3	13	9	6	4	5	5	131
abnormal environment							2		1	5	1	2	1	2		1		2	4		1	1		1	24
high/cold temperature environment			10		6		8	6	19	11	6	16	16	16	19	22	18	19	14	48	29	35	15	17	350
other environments			198		177		167	191	143	130	157	144	135	162	157	156	145	175	161	174	192	146	150	144	3,204
other causal agent			215		183		151	159	121	120	124	108	119	108	109	84	90	106	128	125	127	65	161	115	2,518
no causal agent			190		177		186	197	185	194	239	244	210	226	214	203	217	163	184	252	282	196	262	277	4,298
unclassifiable			23		22		14	20	12	18	17	18	9	16	8	15	9	6	5	9	5	3	3	9	241
total	2,915	2,799	2,863	2,628	2,651	2,641	2,448	2,672	2,587	2,699	2,610	2,383	2,360	2,449	2,243	2,194	2,271	2,168	2,232	2,457	2,406	1,974	2,207	2,266	59,123

Workers age of fatal and non-fatal accidents in other amusement 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	85	67	74	98	93	101	80	71	89	81	64	45	77	83	90	67	68	65	76	82	67	56	46	59	1,784
20-29	568	574	629	568	546	569	546	564	531	597	641	548	555	526	457	418	437	428	374	466	463	339	418	398	12,160
30-39	395	336	332	337	357	350	331	383	390	404	413	399	315	371	344	321	348	282	346	346	323	251	280	293	8,247
40-49	564	518	493	417	396	412	332	386	379	301	368	347	340	368	313	327	364	353	347	370	361	298	337	317	9,008
50-59	920	923	948	853	895	878	813	867	794	830	613	599	540	524	490	451	456	437	411	487	437	389	412	480	15,447
60 years old or more	383	381	387	355	364	331	346	401	404	486	511	445	533	577	549	610	598	603	678	706	755	641	714	719	12,477
total	2,915	2,799	2,863	2,628	2,651	2,641	2,448	2,672	2,587	2,699	2,610	2,383	2,360	2,449	2,243	2,194	2,271	2,168	2,232	2,457	2,406	1,974	2,207	2,266	59,123

Workers' number of workplace of fatal and non-fatal accidents in other amusement 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	281	268	267	261	259	231	241	220	256	205	204	176	214	229	181	174	212	201	199	216	204	202	184	174	5,259
10-29	375	373	447	397	391	406	413	398	399	433	394	393	382	443	429	416	437	391	444	470	460	408	462	437	9,998
30-49	275	324	325	366	414	480	391	517	450	557	491	462	443	446	392	409	402	401	419	426	413	380	400	346	9,929
50-99	975	930	907	850	858	880	797	852	830	823	845	724	713	695	674	650	629	605	568	610	606	464	569	593	17,647
100-299	836	727	701	561	566	495	477	535	529	536	506	478	440	447	424	405	406	376	383	470	423	386	439	455	12,001
300 workers or more	173	177	216	193	163	149	129	150	123	145	170	150	168	189	143	140	185	194	219	265	300	134	153	261	4,289
total	2,915	2,799	2,863	2,628	2,651	2,641	2,448	2,672	2,587	2,699	2,610	2,383	2,360	2,449	2,243	2,194	2,271	2,168	2,232	2,457	2,406	1,974	2,207	2,266	59,123

Month of fatal and non-fatal accidents in other amusement 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	226	173	271	218	255	191	242	216	194	201	215	231	225	208	230	187	193	199	179	251	178	188	226	220	5,117
February	217	210	200	197	184	196	181	220	190	243	188	188	181	175	161	183	171	164	183	200	191	190	153	179	4,545
March	264	251	239	201	209	212	192	203	225	223	226	200	185	192	171	168	208	181	186	180	176	135	173	198	4,798
April	239	226	257	241	215	219	207	190	221	221	241	190	183	225	197	181	190	176	172	188	199	118	187	187	4,870
May	270	216	247	246	243	257	200	233	237	248	270	214	171	201	202	203	205	203	205	219	226	123	203	185	5,227
June	231	265	245	204	233	246	202	238	253	226	221	213	195	222	183	160	193	166	179	188	203	172	163	191	4,992
July	253	307	255	230	234	240	209	231	246	243	233	210	238	251	194	197	219	181	185	223	218	175	207	202	5,381
August	244	258	252	230	248	228	197	268	234	236	218	199	186	229	193	200	200	175	194	228	241	198	216	172	5,244

September	267	255	219	211	214	221	199	251	208	197	190	193	204	190	177	187	196	190	197	227	223	174	168	173	4,931
October	275	235	267	222	220	219	203	231	191	228	199	200	206	178	195	159	173	195	200	208	177	152	181	200	4,914
November	230	205	215	227	205	192	197	225	197	210	201	178	207	178	182	200	180	163	181	179	178	165	170	171	4,636
December	199	198	196	201	191	220	219	166	191	223	208	167	179	200	158	169	143	175	171	166	196	184	160	188	4,468
total	2,915	2,799	2,863	2,628	2,651	2,641	2,448	2,672	2,587	2,699	2,610	2,383	2,360	2,449	2,243	2,194	2,271	2,168	2,232	2,457	2,406	1,974	2,207	2,266	59,123

Prefecture of fatal and non-fatal accidents in other amusement 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	160	188	134		154		180	187	195	185	161	148	140	141	140	143	113	122	117	125	128	92	96	97	3,146
Aomori	16	19	21		21		25	13	17	28	18	21	18	19	14	16	9	9	15	9	14	16	10	8	356
Iwate	41	27	34		46		32	19	32	24	22	24	24	26	16	14	22	21	27	20	13	23	22	9	538
Miyagi	41	55	46		44		34	38	41	50	41	38	34	28	38	38	36	32	28	31	41	31	34	35	834
Akita	21	20	25		20		17	17	16	24	14	11	9	15	16	17	12	13	10	17	12	16	7	9	338
Yamagata	18	28	28		24		18	26	11	19	20	15	13	14	16	13	16	13	10	18	18	9	19	18	384
Fukushima	68	59	35		43		41	40	33	45	51	43	35	35	40	22	32	30	17	40	20	27	42	29	827
Ibaraki	117	103	92		86		78	76	87	60	88	78	82	78	63	67	61	85	82	87	87	53	77	72	1,759
Tochigi	99	88	93		80		75	78	62	73	74	80	55	68	59	48	69	57	78	67	59	62	72	58	1,554
Gunma	81	69	67		63		46	68	64	71	74	55	40	55	60	57	43	47	51	44	67	49	47	54	1,272
Saitama	95	84	76		87		91	97	117	111	114	108	102	111	101	109	114	81	90	135	116	112	127	138	2,316
Chiba	182	172	221		149		160	206	212	238	233	255	268	281	229	224	238	242	290	320	387	183	250	340	5,280
Tokyo	107	121	122		111		108	116	110	114	112	120	130	122	121	106	125	132	90	141	115	109	131	126	2,589
Kanagawa	152	140	127		133		131	122	144	140	123	125	123	126	116	121	116	113	107	143	119	133	143	140	2,837

Niigata	45	39	47		47		38	75	35	43	49	33	29	44	40	25	33	34	27	28	32	22	38	29	832
Toyama	22	28	26		25		26	19	13	25	20	20	20	16	16	12	14	21	23	22	21	16	17	8	430
Ishikawa	31	27	25		17		11	19	18	15	15	18	25	16	10	17	14	12	22	15	17	13	21	16	394
Fukui	13	16	12		14		11	14	12	11	12	12	13	12	18	8	12	17	11	17	8	11	15	9	278
Yamanashi	40	28	37		33		41	40	36	42	48	31	32	27	27	29	33	30	22	36	18	19	23	31	703
Nagano	53	48	53		52		41	44	42	50	41	33	24	44	26	36	37	38	48	34	31	34	35	30	874
Gifu	99	105	109		79		77	84	112	95	73	81	75	74	81	77	75	54	58	61	51	75	54	69	1,718
Shizuoka	102	112	114		112		119	126	104	125	168	122	105	122	110	111	93	109	94	107	100	82	89	109	2,435
Aichi	117	121	124		92		76	106	99	90	115	100	92	92	99	97	104	82	92	84	92	88	81	86	2,129
Mie	98	75	108		86		68	72	62	82	67	65	67	58	56	57	62	47	53	73	55	46	47	47	1,451
Shiga	44	48	43		43		40	28	31	35	39	36	43	43	30	40	29	30	37	17	33	30	22	28	769
Kyoto	35	35	46		46		36	43	31	27	29	22	39	32	30	29	35	22	27	44	42	30	39	42	761
Osaka	94	116	148		132		116	112	96	122	115	90	95	113	91	97	98	113	97	109	113	83	110	106	2,366
Hyogo	161	163	148		130		119	128	145	133	117	95	113	104	106	134	108	106	118	128	122	95	108	105	2,686
Nara	41	52	38		41		31	38	48	38	32	43	42	39	39	25	35	33	33	35	36	25	29	23	796
Wakayama	22	19	31		19		14	20	23	18	20	19	18	21	5	11	18	20	18	11	17	12	9	15	380
Tottori	9	6	6		5		6	6	7	4	8	14	13	7	6	10	6	9	10	6	4	9	9	7	167
Shimane	17	11	14		17		8	16	11	10	13	9	11	10	6	4	10	2	14	11	5	7	10	6	222
Okayama	51	57	39		48		33	29	36	37	37	27	24	23	29	32	29	27	31	40	31	23	36	24	743
Hiroshima	65	55	74		58		51	49	53	48	46	36	42	37	41	39	27	24	31	27	41	27	38	30	939
Yamaguchi	35	27	23		25		33	28	17	26	19	10	28	17	11	12	19	9	16	18	19	20	15	15	442
Tokushima	27	24	27		28		14	20	18	22	15	15	11	11	11	9	9	10	14	5	9	8	6	10	323
Kagawa	40	29	28		30		27	29	19	34	27	19	17	19	14	16	14	20	22	16	22	17	8	12	479

Ehime	39	29	29		35		26	31	24	35	25	15	26	20	20	14	14	18	20	14	18	12	16	19	499
Kochi	29	16	24		29		14	24	24	23	21	27	23	18	22	16	30	23	23	12	24	15	23	22	482
Fukuoka	104	90	100		100		88	113	81	103	101	72	87	95	104	77	91	70	77	85	68	78	69	69	1,922
Saga	22	26	24		19		18	17	28	20	25	17	12	16	19	14	19	18	16	15	20	13	11	15	404
Nagasaki	30	22	38		29		28	41	37	26	28	17	22	26	15	13	27	27	24	26	25	24	24	30	579
Kumamoto	73	55	69		60		60	55	50	51	43	43	43	44	42	40	54	34	44	50	24	24	26	35	1,019
Oita	47	46	38		25		31	41	29	36	30	29	22	23	22	19	22	33	24	23	28	19	23	22	632
Miyazaki	45	37	23		37		39	45	39	32	22	27	29	28	17	26	34	24	23	28	24	24	22	23	648
Kagoshima	43	35	45		47		44	26	40	33	31	36	24	42	31	28	33	36	28	33	28	33	36	21	753
Okinawa	24	29	32		30		28	31	26	26	14	29	21	37	20	25	27	19	23	30	32	25	21	20	569
total	2,915	2,799	2,863	2,628	2,651	2,641	2,448	2,672	2,587	2,699	2,610	2,383	2,360	2,449	2,243	2,194	2,271	2,168	2,232	2,457	2,406	1,974	2,207	2,266	59,123

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)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in other amusement service in Japan in 1999-2022

other amusement service industry Code No.1403

standing tree	1		2		1	2	1			2	2	1		2	3					1	1		1		20
water	1	2	1		1	2	1		1	1		1	11						4						26
abnormal environment																									
high/cold temperature environment													1					1				2			4
other environments	2				1	2		1				4	1	3	2			1	1	1			1		20
other causal agent	1	1	1	1		1	1																		6
no causal agent	2								1		1	1	1							1					7
unclassifiable						1					1							1		1					4
total	14	15	32	19	14	14	6	12	8	9	15	19	19	10	9	7	3	8	9	9	11	6	7	3	278

Workers age of fatal accidents in other amusement 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			3		1							1	1													6
20-29	4	2	17	2		4	1	2	1	1	5	1	1		1	1			1		1					45
30-39	1	2	5		4	2	2	1				3	6	1	2		1	1	1	1						33
40-49	4	2	1	6	3	2	1	2		1	4	5	3	1		2				1	2	2	1			43
50-59	4	3	1	5	1	3	1	1	2	4	4	5	4	3	2	1	1	4	2	3	3	2	1	2		62
60 years old or more	1	6	5	6	5	3	1	6	5	3	2	4	4	5	4	3	1	3	5	4	5	2	5	1		89
total	14	15	32	19	14	14	6	12	8	9	15	19	19	10	9	7	3	8	9	9	11	6	7	3	278	

Workers' number of workplace of fatal accidents in other amusement 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	6	2		2	3	2	2	4	1	1	4	1	9	3	3			3	4	3	1	1	1		56
10-29	1	4	24	5	3	7		3	1	4	1	5	7	1	3	2		3	1	2	3	2	3	1	86
30-49	2	2	2	6	1	1	2	1	2	2	3	7	1	3	1	3	3	1	2	1	4	1	2		53
50-99	2	2	2	2	4	2	1	1	1	1	6	3	1		2	2				1	2	2		1	38
100-299	3	5	3	3	3	2	1	3	2	1		3	1	3				1	2	2			1	1	40
300 workers or more			1	1					1		1										1				5
total	14	15	32	19	14	14	6	12	8	9	15	19	19	10	9	7	3	8	9	9	11	6	7	3	278

Month of fatal accidents in other amusement 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	1		3			1				1	2	1	1		3	2		1	1	2	1		1		21
February			2	1	1	2			1		3		1	1					2				2		16
March	2	3		1	1	1	1	1		2	4		13		1			2	1			2			35
April		2	1	1	2	1		1	2			1		2	1		1		1		1			1	18
May	1	1	1	2	3	1			1	1		1		1			1	1		1	1	2	1	1	21
June	1	1		1	1		1	2	1		1		1	2	1		1			2	1		1		18
July	1		4	2	3		1	3	1	1		3		1	1	3			1		2	1			28
August	1		1	1	1	1	1		2		1	1	1					1					1	1	14
September	2	3	18	3		3		4			2	3	1					2		1	2				44
October	4	3		3	1	1	1			1	1	3	1	1	1	1			1	2	2		1		28

Fukuoka				1		1						1	2						1	1	1	1			9
Saga																									
Nagasaki																									
Kumamoto	2	1		1				2					1												7
Oita			1		1	1																			3
Miyazaki		1																		1	1				3
Kagoshima																				1					1
Okinawa		1	1		1						1	1							1						6
total	14	15	32	19	14	14	6	12	8	9	15	19	19	10	9	7	3	8	9	9	11	6	7	3	278

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

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