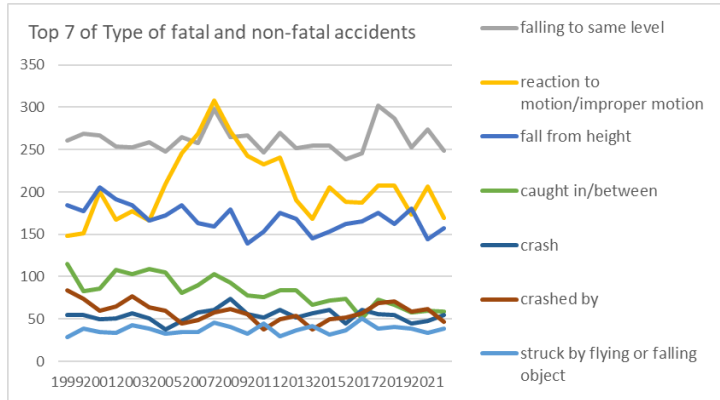
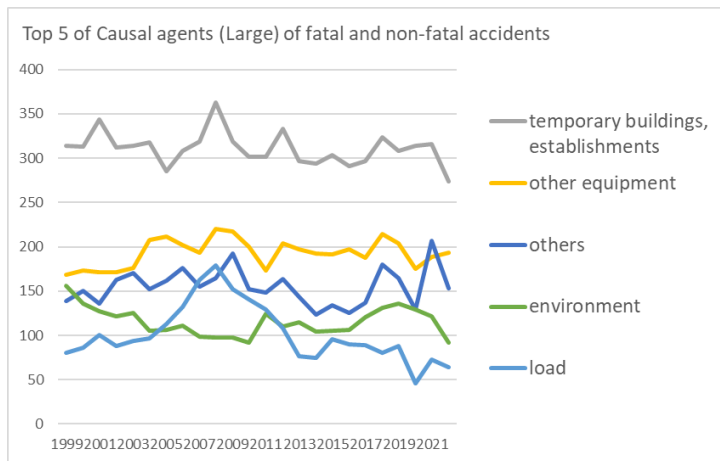


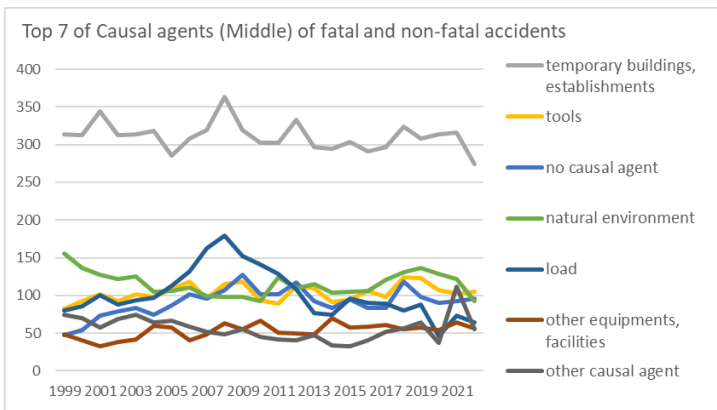
Transition of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



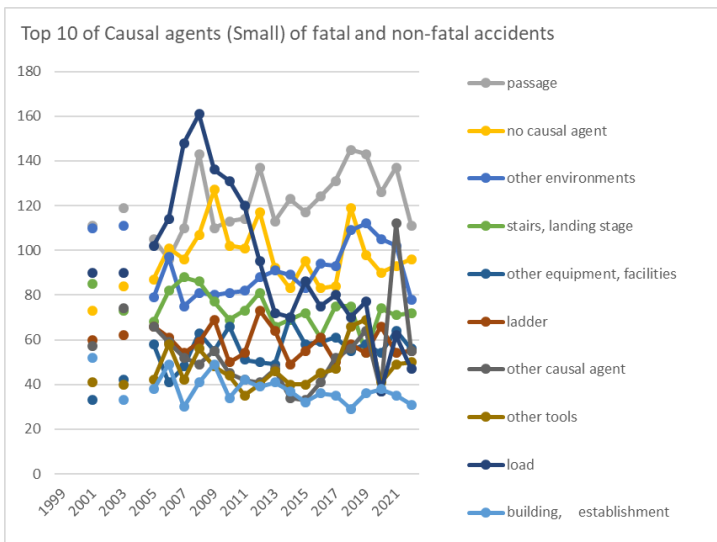
Transition of Top 7 of Type of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



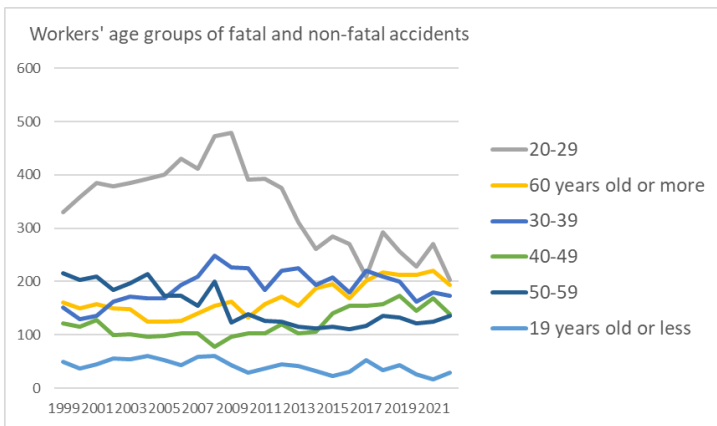
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



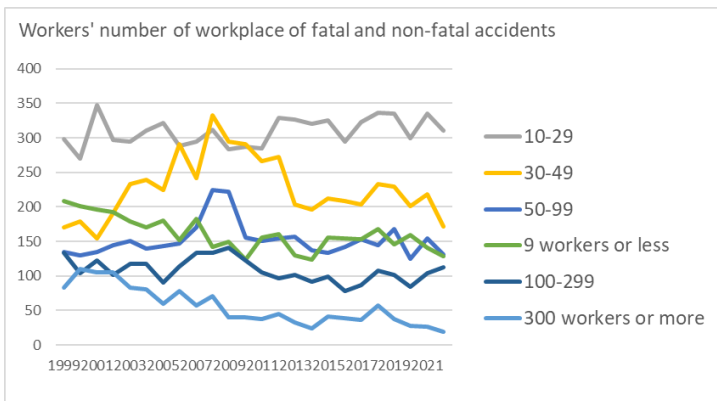
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



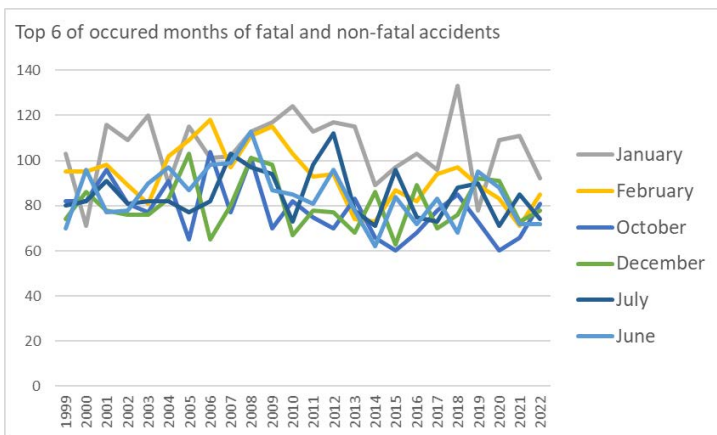
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



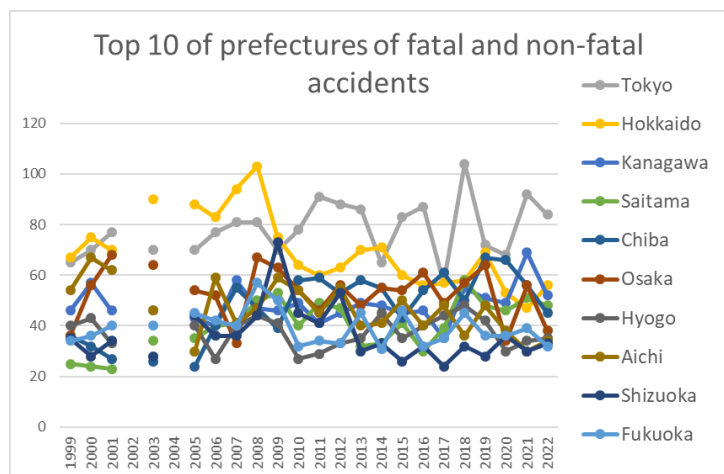
Transition of workers' age groups of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 140309 other amusement service in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Type of accidents
falling to same level	261	269	267	254	253	259	248	265	258	298	265	267	247	270	252	255	255	239	246	302	287	253	274	249	6,293	falling to same level
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	207	169	4,935	reaction to motion/improper motion
fall from height	184	177	206	191	184	166	172	184	163	159	179	139	153	175	168	145	153	162	165	175	162	180	144	157	4,043	fall from height
caught in/between	115	83	86	108	103	109	105	81	90	103	93	78	76	84	84	67	72	74	51	73	67	58	60	59	1,979	caught in/between
crash	55	55	50	51	57	51	38	48	58	61	74	56	52	61	52	57	61	45	61	56	55	45	48	55	1,302	crash
crashed by	84	74	60	65	77	64	60	45	49	58	62	56	38	50	54	38	50	52	57	69	71	59	62	47	1,401	crashed by
struck by flying or falling object	29	39	35	34	43	39	33	35	35	46	41	33	45	30	37	42	32	37	51	39	41	39	34	39	908	struck by flying or falling object

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	316	274	7,464	temporary buildings, establishments
other equipment	168	173	171	171	176	208	212	202	193	220	217	200	173	204	197	192	191	197	188	214	204	175	189	193	4,628	other equipment
others	139	150	136	163	170	152	162	176	155	165	192	152	148	164	144	123	134	125	137	180	165	129	207	153	3,721	others
environment	156	136	127	122	125	105	106	111	99	98	98	92	124	110	115	104	105	106	121	131	136	129	122	92	2,770	environment
load	80	86	100	88	94	97	113	132	163	179	152	141	129	108	77	75	96	90	89	80	88	46	73	64	2,440	load
crane, conveying machine	72	58	90	72	83	86	60	64	70	82	56	58	58	43	45	43	58	47	53	54	55	46	28	45	1,426	crane, conveying machine
machine	65	49	54	55	55	51	46	37	43	58	50	46	35	47	39	33	44	33	35	29	31	34	30	32	1,031	machine
substance, material	35	29	37	48	40	39	36	40	36	50	46	29	32	47	37	28	35	27	36	33	31	23	14	19	827	substance, material
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	979	872	24,307	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Causal (M) agents
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	316	274	7,464	temporary buildings, establishments
tools	82	92	101	93	102	98	108	119	96	115	118	94	89	113	110	91	95	106	98	124	123	107	103	105	2,482	tools
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	93	96	2,183	no causal agent
natural environment	156	136	127	122	125	105	106	111	99	98	98	92	124	110	115	104	105	106	121	131	136	129	122	92	2,770	natural environment

unclassifiable	18	26	6	15	12	13	9	16	7	9	10	5	5	6	5	6	6	1	1	5	3	2	2	2	190	unclassifiable	
metal manufacturing machine	5	3		2	1		1			3	1	2	2	3		1	1	1	3	1	1	1	2	2	36	metal manufacturing machine	
woodworking machine	7	6	6	4	4	3	3	1	4	4	3	5	1	4	3	2	5	4	3	1	3	6	3	1	86	woodworking machine	
pressure vessel	2	2	1		2	1	1	1		1	1			5	2		1	1	1	2		1			25	pressure vessel	
kiln, caldron			1	3	1		1		2	2	1	1	1	2		1	2		1	2	1		2		24	kiln, caldron	
engine	1		1	1		1	1		1					1		1		1							9	engine	
mobile silviculture machine																	1								1	mobile silviculture machine	
welding equipment			1																						1	welding equipment	
chemical facilities																											chemical facilities
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	979	872	24,307	total	

Transition of Causal agents (Small) of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Causal (S) agents
passage			111		119		105	96	110	143	110	113	114	137	113	123	117	124	131	145	143	126	137	111	2,428	passage
no causal agent			73		84		87	101	96	107	127	102	101	117	92	83	95	83	84	119	98	90	93	96	1,928	no causal agent
other environments			110		111		79	97	75	81	80	81	82	88	91	89	83	94	93	109	112	105	102	78	1,840	other environments
stairs, landing stage			85		73		68	82	88	86	77	69	73	81	66	69	72	61	75	75	54	74	71	72	1,471	stairs, landing stage
other equipment, facilities			33		42		58	41	48	63	55	66	51	50	49	70	58	59	61	55	58	54	64	56	1,091	other equipment, facilities

crossbeam, principal rafter			2		7		3	5	2	4	6	7	2	4	4	2	3	2	1	2	5	1	8	6	76	crossbeam, principal rafter
metal material			12		13		6	14	4	11	13	3	6	8	10	7	3	12	10	10	4	3	3	5	157	metal material
high/cold temperature environment			5		3		3	1	6		2	4	5	5	5	4	7	2	6	8	8	9	3	5	91	high/cold temperature environment
natural ground, rock			3		7		17	10	6	10	5	4	18	13	10	7	9	5	8	4	10	8	8	4	166	natural ground, rock
standing tree			6		2		3	2	7	4	6	1	5	2	5	1	4	2	2	2	1	4	5	4	68	standing tree
power transmission mechanism			7		8		8	9	11	17	8	8	3	10	5	6	8	8	6	3	7	7	4	3	146	power transmission mechanism
other hazards, harmful substances			7		3		6	5	1	5	3	4	1	5	5	5	4	1	4	5	6	1	2	3	76	other hazards, harmful substances
human power cranes									1							1					1	2		3	8	human power cranes
unclassifiable			6		12		9	16	7	9	10	5	5	6	5	6	6	1	1	5	3	2	2	2	118	unclassifiable
food manufacturing machine			6		7				4	5	3	4	4	2		6	5	1	1	2	4	1		2	57	food manufacturing machine
opening			1		3		4	1	3	3	2	1	2	4	4	1	1		2	2	5			2	41	opening
other powered crane			2		7		1	2	2	1	1	1	2	1	1	1	3	2	2	1		4		2	36	other powered crane
other electrical equipment			2				2	1	3		1	1	1		3		2	2	1					2	21	other electrical equipment
water			3		2		2	1	4	2	4	1	14	2	4	2	2	1	11	8	5	3	4	1	76	water
elevator, lift			6		3			4	3	2		1					4	2		2	1	1		1	30	elevator, lift
inflammable			1		2				3	2	3	1	2	2		1	1		2		2		2	1	25	inflammable

substance																								substance		
chain saw			1		1		3	1	1	2	1		1		1	1		1		2	1	1	19	chain saw		
other construction machines			2		1		1	1	1		1	1	2	1	1				1	1		1	1	16	other construction machines	
stone, sand, substance			2		2		1	1		2		1	1		1	1		1	1	1			1	16	stone, sand, substance	
transmission			1				2	2	1		1			1		3	1			1	1			1	15	transmission
leveling, transporting or loading machine					2				1	1			1		1		2	1		1		2		1	13	leveling, transporting or loading machine
grinding machine, buffing machine					1							2		1		1	1	1		1		2	1	11	grinding machine, buffing machine	
excavating machine			2						1	1									1		2	1	1	9	excavating machine	
electric power facilities											1							1		1			1	4	electric power facilities	
drill press, milling machine													1						1				1	3	drill press, milling machine	
conveyor			6		5		3	2	1	7	8	3	3	4		1	2	1	3	2	2	2	1		56	conveyor
lumber, bamboo			4		3		5		2	5	5	1	1	2	4	1	2	1	4	4	2	1	1		48	lumber, bamboo
scaffolding			3		4		3	1	3	4	2	1	1		3	1	3			2	1		1		33	scaffolding
circular sawing machine			4		2				2	1	2	3		4		1	3	2	3		2	2	1		32	circular sawing machine
harmful substance			2				4			4	3		1	2	1		1	1		1	2	1			23	harmful substance
kiln, caldron			1				1		2	2	1	1	1	2		1	1		1	2	1		2		19	kiln, caldron
other pressure vessels					1		1	1		1				4	2		1	1		2					14	other pressure vessels

other woodworking machines			1		1					1			2			2		1	1			1	2	1		13	other woodworking machines	
inflammable gas			2		1					1		1		3			2	1		1						13	inflammable gas	
human power machine			1					2	1		1		1		2	1	1		1	1						12	human power machine	
other metal manufacturing machines							1				3	1		1	2				1	1						11	other metal manufacturing machines	
abnormal environment							2		1	1	1	1				1		2	1							10	abnormal environment	
forklift			1				1						1	1					2					1		7	forklift	
engine			1				1		1					1		1		1								6	engine	
mobile crane			1					1			1								1	1				1		6	mobile crane	
loader									1									1	1					1		5	loader	
mixer, grinder														1		1	1								1	4	mixer, grinder	
slinging tool																2				1						4	slinging tool	
roll machine (except printingroll machine)																										3	roll machine (except printingroll machine)	
rough terrain hauler																		1						2		3	rough terrain hauler	
boiler			1																							3	boiler	
pressure vessel																								1		1	3	pressure vessel
explosive substance			1																							3	explosive substance	
vehicle for high lift work																										2	vehicle for high lift work	
railway equipment													1												1	2	railway equipment	

equipment																											equipment
industrial dryer																											industrial dryer
radiation																											radiation
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	979	872	24,307	total	

Transition of workers' age groups of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Age
20-29	330	359	385	379	385	393	401	431	411	473	479	392	393	375	311	261	285	271	210	292	256	228	270	203	8,173	20-29
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	221	193	4,026	60 years old or more
30-39	152	129	135	163	172	168	169	194	210	248	226	225	185	220	225	194	207	180	221	210	200	162	179	173	4,547	30-39
40-49	121	116	128	99	101	96	98	102	103	78	96	103	103	120	103	106	140	154	154	157	174	145	168	139	2,904	40-49
50-59	216	203	209	184	197	214	174	174	155	200	123	138	126	124	115	112	116	111	117	136	133	122	124	135	3,658	50-59
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	17	29	999	19 years old or less
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	979	872	24,307	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Workers scale
10-29	298	270	347	297	294	310	322	288	294	312	283	287	285	329	327	320	325	294	323	336	335	299	335	311	7,421	10-29
30-49	170	179	154	191	233	239	225	291	242	332	294	291	266	272	204	196	212	209	204	233	229	201	218	171	5,456	30-49
50-99	135	130	135	144	151	139	143	147	170	224	222	156	151	154	157	137	134	142	153	144	168	125	154	131	3,646	50-99
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	141	128	3,851	9 workers or less
100-299	134	104	122	102	117	118	90	114	133	134	141	122	105	96	101	91	99	78	87	107	102	84	104	112	2,597	100-299
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	27	19	1,336	300 workers or more

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	979	872	24,307	total
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Transition of occurred months of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Month
January	103	71	116	109	120	90	115	101	102	113	117	124	113	117	115	89	97	103	96	133	78	109	111	92	2,534	January
February	95	95	98	89	81	102	109	118	97	111	115	103	93	94	74	73	87	82	94	97	89	83	71	85	2,235	February
October	82	82	96	81	77	91	65	104	77	101	70	82	75	70	83	66	60	68	78	85	73	60	66	81	1,873	October
December	74	86	78	76	76	83	103	65	80	101	98	67	78	77	68	86	63	89	70	76	92	91	73	78	1,928	December
July	80	82	91	81	82	82	77	82	103	97	94	73	98	112	78	71	96	75	73	88	90	71	85	74	2,035	July
June	70	96	77	78	90	97	87	98	99	113	87	85	81	96	78	62	84	72	83	68	95	88	72	72	2,028	June
November	71	68	64	96	78	73	70	84	68	89	85	61	83	71	64	78	67	53	73	66	76	53	57	70	1,718	November
March	100	98	84	80	84	96	80	89	94	107	97	93	89	74	64	68	86	84	86	82	78	66	92	69	2,040	March
April	78	81	102	92	96	81	79	71	97	93	86	84	78	97	91	69	73	68	61	70	77	60	90	69	1,943	April
May	89	78	94	79	105	100	77	87	91	105	124	84	62	70	94	83	88	80	81	86	89	53	84	65	2,048	May
September	90	74	85	91	80	71	87	84	84	88	71	82	75	69	69	61	78	76	89	97	74	81	71	60	1,887	September
August	97	83	74	79	88	90	71	87	86	97	86	82	76	109	73	86	87	66	72	97	107	81	107	57	2,038	August
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	979	872	24,307	total

Transition of prefectures of fatal and non-fatal accidents in 140309 other amusement service in Japan (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	Prefecture
Tokyo	65	70	77		70		70	77	81	81	70	78	91	88	86	65	83	87	57	104	72	68	92	84	1,716	Tokyo
Hokkaido	67	75	70		90		88	83	94	103	75	64	60	63	70	71	60	56	57	58	69	53	47	56	1,529	Hokkaido
Kanagawa	46	57	46		46		43	40	58	47	46	49	41	45	49	48	45	46	35	55	51	49	69	52	1,063	Kanagawa
Saitama	25	24	23		34		35	40	41	50	53	40	49	47	32	33	41	30	39	58	48	46	51	48	887	Saitama
Chiba	36	32	27		26		24	40	55	47	39	58	59	53	58	55	43	54	61	50	67	66	56	45	1,051	Chiba

Osaka	36	56	68		64		54	52	33	67	63	54	46	56	48	55	54	61	49	57	64	34	56	38	1,165	Osaka
Hyogo	40	43	33		28		40	27	40	44	41	27	29	33	35	45	35	40	44	48	42	30	34	35	813	Hyogo
Aichi	54	67	62		46		30	59	41	47	59	54	45	55	40	41	50	40	48	36	48	38	30	34	1,024	Aichi
Shizuoka	35	28	34		28		44	36	36	44	73	45	41	53	30	33	26	32	24	32	28	36	30	33	801	Shizuoka
Fukuoka	34	36	40		40		45	42	40	57	50	32	34	33	45	31	46	32	35	45	36	36	39	32	860	Fukuoka
Gunma	34	32	20		31		23	32	29	35	38	28	17	33	33	26	27	23	26	24	35	23	26	31	626	Gunma
Gifu	37	40	42		20		24	35	39	33	23	25	22	30	24	17	25	18	24	17	18	28	13	27	581	Gifu
Miyagi	14	26	31		23		23	28	26	34	31	19	25	17	23	20	25	20	18	20	29	22	25	22	521	Miyagi
Kumamoto	41	25	28		33		34	32	15	29	22	22	23	25	16	24	23	15	24	24	13	11	6	22	507	Kumamoto
Ibaraki	14	17	18		12		17	18	20	8	21	23	23	18	17	15	14	22	27	32	25	14	20	22	417	Ibaraki
Niigata	33	26	39		35		19	53	19	31	39	29	20	28	26	22	31	22	18	22	23	17	22	21	595	Niigata
Fukushima	34	24	17		22		20	19	18	27	29	29	26	22	29	12	19	17	10	24	12	13	28	20	471	Fukushima
Kyoto	14	10	12		20		13	17	12	10	13	11	19	15	16	15	20	8	15	28	24	16	17	17	342	Kyoto
Tochigi	16	14	23		18		13	18	19	30	18	29	16	20	15	12	24	19	29	20	14	21	29	15	432	Tochigi
Hiroshima	25	16	36		34		31	18	29	28	22	23	26	28	27	19	14	11	20	10	22	13	15	14	481	Hiroshima
Nagano	28	18	23		25		23	17	22	23	21	18	15	23	13	18	20	21	25	22	20	13	18	14	440	Nagano
Mie	28	18	19		20		16	19	22	16	16	19	18	18	18	11	16	10	12	20	18	14	8	12	368	Mie
Okinawa	5	10	10		9		9	12	10	11	4	15	10	20	12	13	9	11	11	14	18	11	12	12	248	Okinawa
Nagasaki	11	10	22		11		14	11	21	10	8	11	10	8	7	4	5	6	8	9	9	11	14	12	232	Nagasaki
Kochi	9	5	10		15		7	9	12	9	12	12	8	9	14	5	12	9	18	7	14	11	10	12	229	Kochi
Kagoshima	23	10	27		19		21	16	16	13	13	16	13	19	17	16	16	16	17	16	14	15	21	11	365	Kagoshima
Oita	17	20	12		12		15	23	18	18	14	14	15	14	10	10	17	16	13	13	19	12	11	11	324	Oita
Miyazaki	19	18	11		17		23	17	19	18	9	12	14	12	7	8	14	15	10	10	10	9	10	11	293	Miyazaki
Okayama	10	11	8		9		8	7	12	18	8	11	9	7	7	11	14	14	14	14	15	6	20	10	243	Okayama
Yamagata	11	22	24		20		16	14	9	16	14	11	12	11	12	11	11	12	8	15	14	8	15	9	295	Yamagata

Yamaguchi	6	8	8		7		13	13	8	15	12	3	10	5	6	6	9	5	11	5	7	11	9	9	186	Yamaguchi
Iwate	30	18	17		35		26	17	23	22	17	18	23	23	12	10	20	16	23	14	12	22	21	8	427	Iwate
Nara	4	6	2		5		5	4	8	7	9	12	7	12	10	5	4	10	12	13	13	17	7	8	180	Nara
Yamanashi	4	1	4		8		16	10	13	16	15	9	3	8	8	7	6	4	4	4	5	2	7	8	162	Yamanashi
Ehime	15	11	16		15		13	16	12	20	10	7	14	8	5	6	7	10	10	8	7	6	10	7	233	Ehime
Shiga	12	7	7		4		8	2	9	10	9	7	10	10	6	8	7	6	11	6	10	9	11	7	176	Shiga
Aomori	12	9	13		17		17	10	15	23	14	14	12	15	9	11	5	7	12	7	8	10	5	5	250	Aomori
Akita	9	12	13		13		11	11	13	15	8	6	4	10	7	12	7	10	8	14	7	13	5	5	213	Akita
Wakayama	2	1	5		5		4	11	5	6	10	6	10	6	2	5	8	8	6	5	5	3	5	5	123	Wakayama
Kagawa	13	10	9		11		15	14	12	18	15	8	6	8	6	9	5	8	10	10	10	11	2	4	214	Kagawa
Ishikawa	16	6	12		6		4	5	10	4	8	8	19	8	6	6	7	7	9	10	6	8	8	4	177	Ishikawa
Saga	8	12	9		8		10	11	11	11	12	8	4	8	6	5	6	8	4	4	10	11	7	4	177	Saga
Fukui	8	8	5		9		6	4	8	8	8	8	7	6	12	6	7	13	6	12	8	7	9	4	169	Fukui
Tottori	3	1	2		3		4	3	5	2	6	12	9	5	3	8	5	5	4	5	1	5	7	4	102	Tottori
Toyama	6	13	13		11		13	6	5	10	14	3	10	6	5	10	11	11	9	12	10	7	10	3	198	Toyama
Tokushima	9	4	8		10		9	14	11	16	9	9	8	7	7	9	6	4	8	4	5	4	5	3	169	Tokushima
Shimane	11	7	4		13		4	8	4	8	10	4	9	8	5	3	7	1	13	8	3	6	7	2	145	Shimane
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	979	872	24,307	total

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