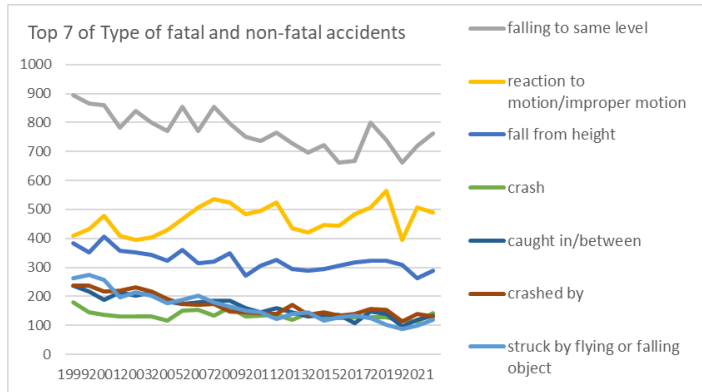
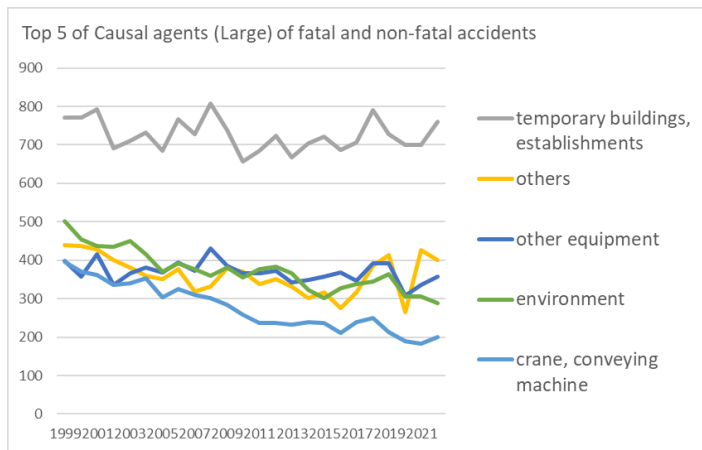


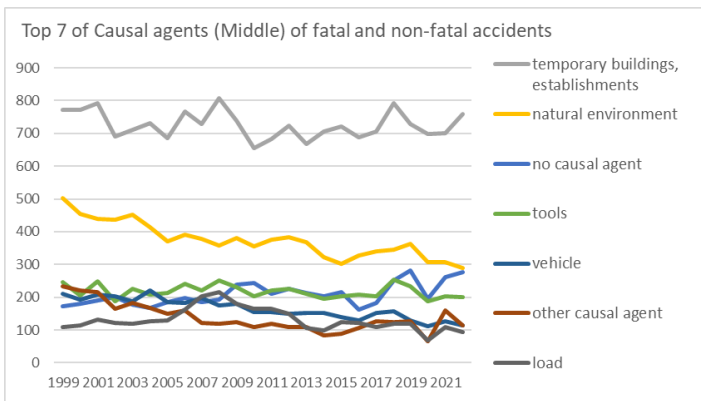
Transition of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



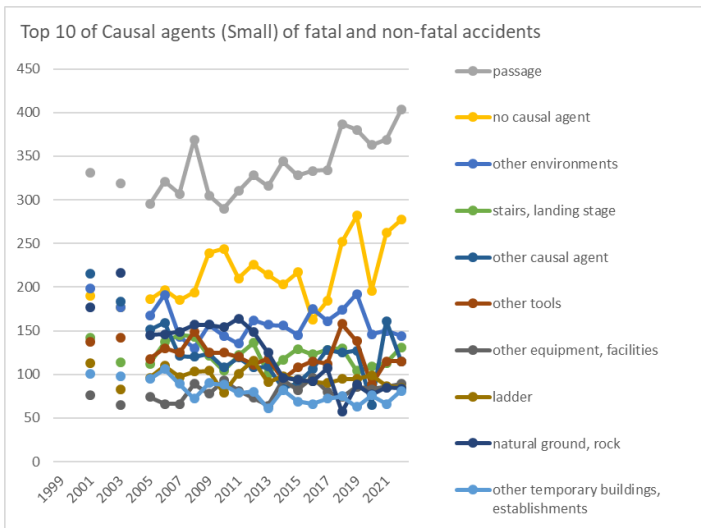
Transition of Top 7 of Type of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



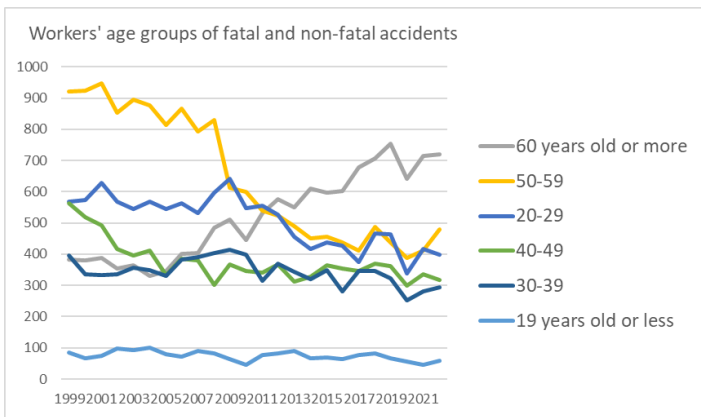
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



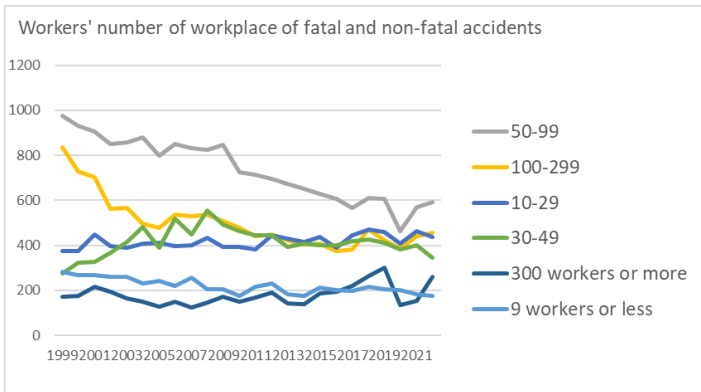
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



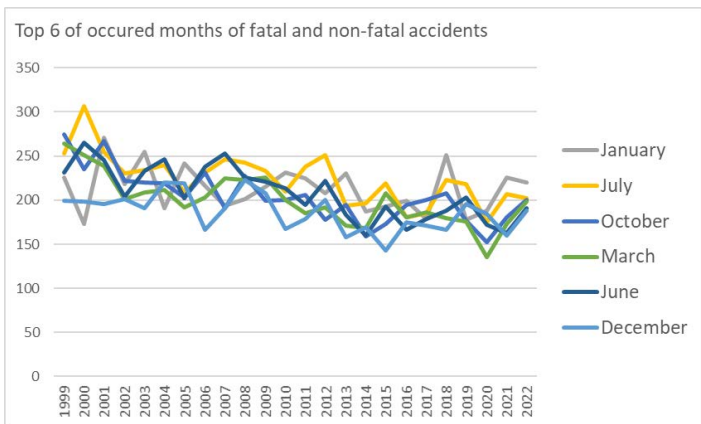
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



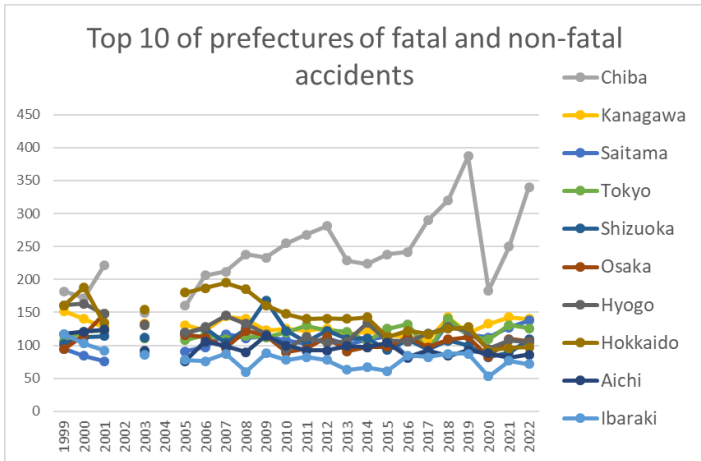
Transition of workers' age groups of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 1403 other amusement service in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 1403 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	895	867	859	782	840	801	771	855	772	853	798	750	736	764	727	695	723	661	668	799	740	661	718	761	18,496	falling to same level
reaction to motion/improper motion	409	433	477	410	394	404	428	467	506	535	525	484	495	525	436	420	446	444	484	507	565	394	507	489	11,184	reaction to motion/improper motion
fall from height	383	352	407	358	351	343	322	359	315	321	350	271	307	325	293	289	294	305	316	324	323	310	264	288	7,770	fall from height
crash	178	145	137	132	132	130	117	152	153	134	161	131	133	135	119	143	127	125	129	129	128	115	114	143	3,242	crash
caught in/between	236	217	189	214	201	213	183	174	179	186	184	158	145	159	146	130	137	136	107	148	139	95	120	134	3,930	caught in/between
crashed by	236	237	217	219	231	217	190	173	172	173	148	144	142	138	171	135	146	134	138	157	153	114	138	132	4,055	crashed by
struck by flying or falling object	264	273	258	197	214	202	177	188	201	178	166	152	146	122	139	144	116	129	134	125	103	88	98	118	3,932	struck by flying or falling object
cut	139	131	132	142	134	136	106	132	135	135	116	104	102	114	102	94	107	90	97	81	96	67	68	69	2,629	cut
others	44	39	40	31	54	39	33	38	33	40	45	61	47	37	21	36	25	45	28	33	44	35	112	43	1,003	others

contact to high/low-temperature	32	26	39	58	27	40	32	35	33	39	40	39	39	43	39	32	49	43	46	81	62	49	31	33	987	contact to high/low-temperature
collapse	18	12	24	22	17	25	23	26	22	22	22	26	16	25	8	17	28	21	23	17	12	14	12	17	469	collapse
traffic accident (public road)	38	36	48	36	36	52	32	45	44	36	25	34	31	27	23	27	40	21	37	21	22	15	17	16	759	traffic accident (public road)
unclassifiable	17	16	9	13	10	19	12	17	5	12	6	10	3	10	8	9	12	2	5	12	4	4	2	12	229	unclassifiable
injury to the sole of the foot	4	2	2	1	3	4	6	2	2	9	5	7		2	3	4	5	3	1	6	5	5	1	3	85	injury to the sole of the foot
electric shock	1	1	2		1	2		1	3	3	2		1	1	2	2	1		3	2	2	1		3	34	electric shock
contact to harmful substance	4	2	6	3	1	3	8	3	5	10	6	1	6	9	5	1	2	6	5	2	3	2	4	2	99	contact to harmful substance
traffic accident (others)	13	8	6	4	2	4	6	2	2	9	5	7	6	4	1	11	10	3	5	8	3	2	1	1	123	traffic accident (others)
fire	1		5	1	1	4	1	1	4	2	2	1		2		1	1		2			1		1	31	fire
burst	1		1	1	1					1	1	1	1	3						2		1		1	15	burst
drown	2	2	2		1	3	1		1	1	2	1	3	1					4	1	1				26	drown
explosion			3	4				2			1	1	1	3		4	2			2	1	1			25	explosion
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	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 1403 other amusement service in Japan (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	Causal (L) agents
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	temporary buildings, establishments

others	440	437	428	400	382	360	351	376	318	332	380	370	338	350	331	302	316	275	317	386	414	264	426	401	8,694	others
other equipment	398	357	415	336	366	381	369	393	373	431	386	367	366	372	343	349	357	369	347	392	391	308	335	358	8,859	other equipment
environment	502	455	438	436	451	415	371	391	377	359	381	356	376	384	367	322	302	327	339	344	364	306	306	289	8,958	environment
crane, conveying machine	397	371	362	335	341	353	304	325	309	301	285	258	237	236	233	238	237	212	240	249	213	190	184	200	6,610	crane, conveying machine
machine	197	181	196	189	189	167	154	152	164	167	164	149	127	156	137	121	144	122	102	112	119	99	114	112	3,534	machine
load	109	115	133	122	119	128	129	163	203	216	180	164	164	149	106	98	125	121	110	119	120	68	109	94	3,164	load
substance, material	100	111	98	119	93	105	85	105	114	86	95	63	68	78	59	59	69	55	71	64	57	40	33	52	1,879	substance, material
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	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 1403 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	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	temporary buildings, establishments
natural environment	502	455	438	436	451	415	371	391	377	359	381	356	376	384	367	322	302	327	339	344	364	306	306	289	8,958	natural environment
no causal agent	173	181	190	201	177	167	186	197	185	194	239	244	210	226	214	203	217	163	184	252	282	196	262	277	5,020	no causal agent
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	tools
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	vehicle
other causal agent	233	222	215	166	183	168	151	159	121	120	124	108	119	108	109	84	90	106	128	125	127	65	161	115	3,307	other causal agent

machine	11	5	1	4	5	3	1	4	2	7	1	6	5	5	1	4	4	1	3	3	6	1	3	3	89	manufacturing machine	
pressure vessel	2	2	1	2	3	1	2	1		2	2		1	5	3		1	1	1	3		2		1	36	pressure vessel	
kiln, caldron			8	3	1		1	2	2	3	1	1	2	4		1	2	3	1	2	2		2		41	kiln, caldron	
engine	1	2	3	1		1	1		1				1		1		1						1		14	engine	
mobile silviculture machine																	2	1		2	2	4	1		12	mobile silviculture machine	
welding equipment			2				1	1																	4	welding equipment	
chemical facilities																											chemical facilities
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	total	

Transition of Causal agents (Small) of fatal and non-fatal accidents in 1403 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			331		319		295	321	307	369	305	290	310	328	316	344	328	333	334	387	380	363	369	403	6,732	passage
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	no causal agent
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 environments
stairs, landing stage			142		114		112	137	145	143	121	104	122	136	101	117	129	123	128	130	104	109	113	131	2,461	stairs, landing stage
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	other causal agent
other tools			137		142		118	130	125	149	125	125	120	111	118	95	108	115	112	158	138	88	115	115	2,444	other tools
other equipment, facilities			76		65		74	66	66	89	78	93	81	73	64	94	82	96	80	74	86	83	86	89	1,595	other equipment, facilities
ladder			113		83		96	110	97	103	104	79	101	116	91	98	94	92	90	95	95	99	87	85	1,928	ladder
natural ground,			177		216		145	146	149	157	157	154	164	149	125	96	94	92	107	57	88	77	85	84	2,519	natural ground,

metal material			18		23		14	24	15	18	21	7	9	15	12	9	8	15	15	17	8	7	4	16	275	metal material
chain saw			11		12		13	13	18	6	15	12	13	22	12	18	10	11	9	11	7	15	11	10	249	chain saw
unclassifiable			23		22		14	20	12	18	17	18	9	16	8	15	9	6	5	9	5	3	3	9	241	unclassifiable
roof, beam, haze, crossbeam, principal rafter			2		9		6	9	7	8	14	9	6	8	6	4	8	3	3	4	8	3	8	8	133	roof, beam, haze, crossbeam, principal rafter
lumber, bamboo			14		13		16	14	6	13	13	4	6	7	6	8	6	11	13	10	4	6	7	6	183	lumber, bamboo
other construction machines			14		2		12	4	7	2	9	4	7	7	8	8	3	8		3	4		5	6	113	other construction machines
power transmission mechanism			9		12		9	12	15	20	10	13	7	12	6	9	11	9	8	5	7	8	5	5	192	power transmission mechanism
water			5		8		5	4	8	5	7	6	17	4	9	3	5	3	13	9	6	4	5	5	131	water
other hazards, harmful substances			7		4		8	8	4	6	5	4	1	9	7	6	10	4	7	9	7	1	2	5	114	other hazards, harmful substances
opening			4		4		5	5	5	3	4	1	3	5	6	2	4	1	3	5	8	2	1	5	76	opening
leveling, transporting or loading machine			6		3		3	6	9	8	6	2	6	2	6	4	5	4		5	2	6	3	4	90	leveling, transporting or loading machine
excavating machine			4		3		5	2	5	6	4	5	2	3	2	1	2	4	4	1	2	4	3	4	66	excavating machine
human power cranes			2		1		1		2	1	1	2	1	1	1	1		1			4	3	2	4	28	human power cranes
food manufacturing machine			8		11		2	1	8	5	5	6	4	2	1	8	10	5	4	5	8	3	1	3	100	food manufacturing machine
stone, sand, substance			9		6		3	3	5	3	5	2	9	2	5	2	3	1	3	5	2		1	3	72	stone, sand, substance
other electrical equipment			3		1		3	1	3	2	2	2	1	1	4	2	2	2	2	1	2			3	37	other electrical equipment

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	60 years old or more
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	50-59
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	20-29
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	40-49
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	30-39
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	19 years old or less
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	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 1403 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
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	50-99
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	100-299
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	10-29
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	30-49
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	300 workers or more
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	9 workers or less
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	total

Transition of occurred months of fatal and non-fatal accidents in 1403 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	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	January
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	July
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	October
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	March

Kagawa	40	29	28		30		27	29	19	34	27	19	17	19	14	16	14	20	22	16	22	17	8	12	479	Kagawa
Tokushima	27	24	27		28		14	20	18	22	15	15	11	11	11	9	9	10	14	5	9	8	6	10	323	Tokushima
Iwate	41	27	34		46		32	19	32	24	22	24	24	26	16	14	22	21	27	20	13	23	22	9	538	Iwate
Akita	21	20	25		20		17	17	16	24	14	11	9	15	16	17	12	13	10	17	12	16	7	9	338	Akita
Fukui	13	16	12		14		11	14	12	11	12	12	13	12	18	8	12	17	11	17	8	11	15	9	278	Fukui
Toyama	22	28	26		25		26	19	13	25	20	20	20	16	16	12	14	21	23	22	21	16	17	8	430	Toyama
Aomori	16	19	21		21		25	13	17	28	18	21	18	19	14	16	9	9	15	9	14	16	10	8	356	Aomori
Tottori	9	6	6		5		6	6	7	4	8	14	13	7	6	10	6	9	10	6	4	9	9	7	167	Tottori
Shimane	17	11	14		17		8	16	11	10	13	9	11	10	6	4	10	2	14	11	5	7	10	6	222	Shimane
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	total

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