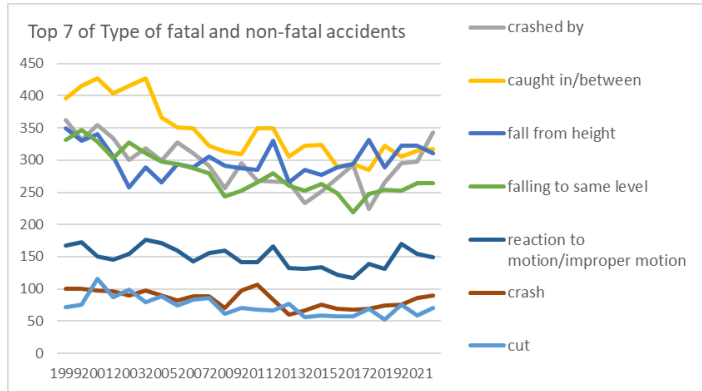
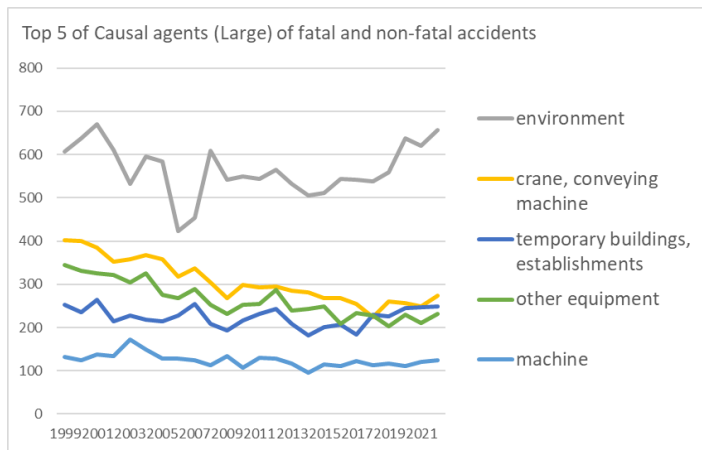


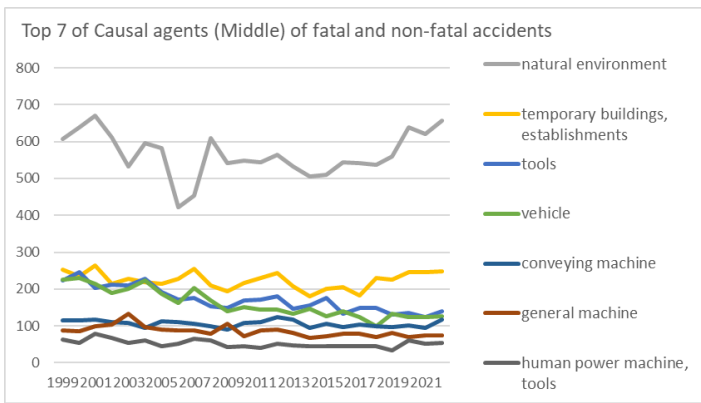
Transition of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



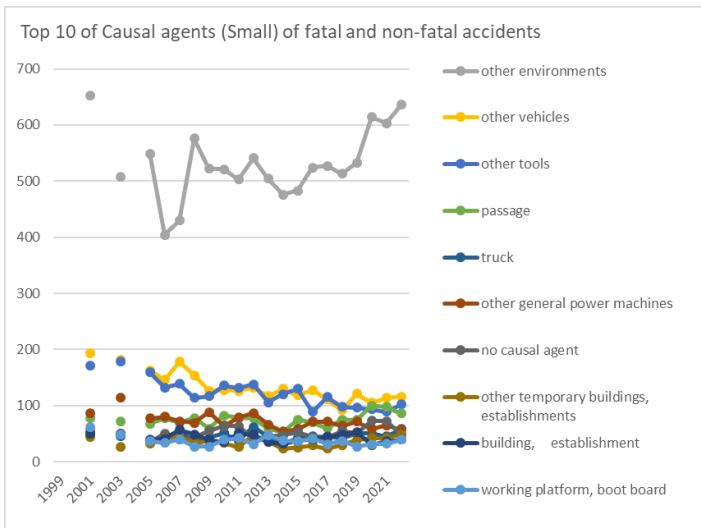
Transition of Top 7 of Type of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



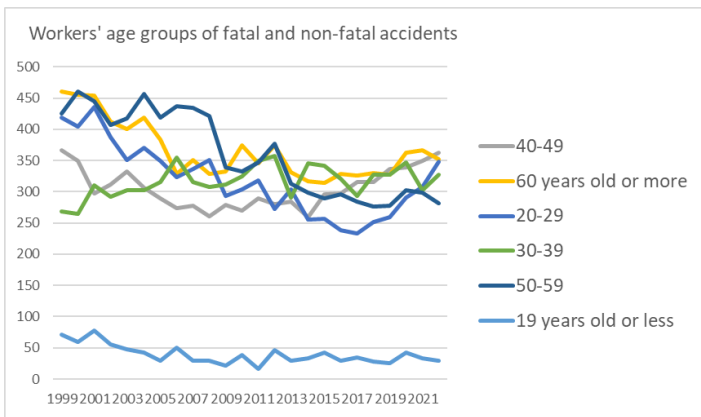
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



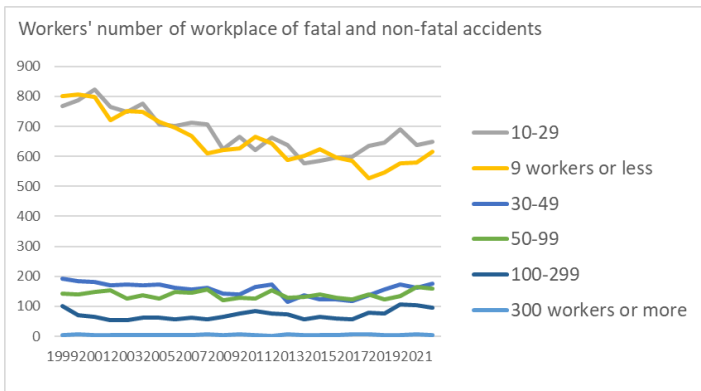
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



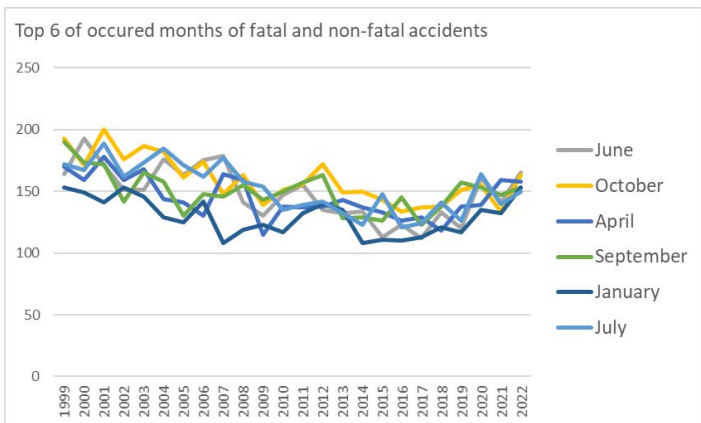
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



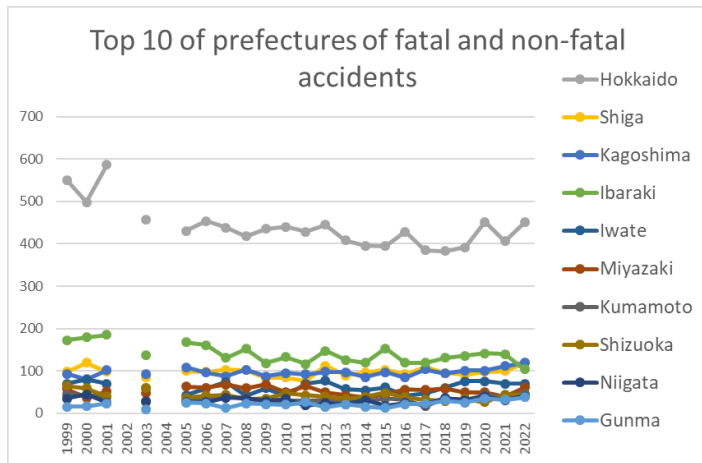
Transition of workers' age groups of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 07 livestock/fishery in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 07 livestock/fishery 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
crashed by	362	332	355	334	301	319	299	328	311	291	257	295	268	267	266	233	251	272	293	224	265	295	298	343	7,059	crashed by
caught in/between	396	416	427	404	416	427	366	351	350	322	313	310	349	350	306	323	324	290	294	285	323	306	314	317	8,279	caught in/between
fall from height	349	330	340	306	258	289	266	294	289	305	292	287	285	330	266	285	277	289	294	332	289	323	323	311	7,209	fall from height
falling to same level	331	347	329	303	327	311	298	294	288	280	244	252	265	280	260	253	263	249	219	248	254	252	264	264	6,675	falling to same level
reaction to motion/improper motion	167	173	151	145	155	177	171	159	143	156	159	141	142	166	132	131	134	122	117	139	131	170	154	149	3,584	reaction to motion/improper motion
crash	100	100	97	96	90	98	90	82	88	88	70	98	106	83	60	67	76	69	68	69	74	76	86	90	2,021	crash
cut	72	76	116	87	99	80	88	74	83	86	61	71	68	66	77	56	59	58	57	69	52	76	59	70	1,760	cut
struck by flying or falling object	116	97	90	100	114	96	96	84	82	70	71	77	71	66	76	61	58	70	70	62	59	70	45	57	1,858	struck by flying or falling object
others	31	41	27	34	26	38	25	39	31	30	43	17	33	19	23	39	37	22	27	40	26	36	51	33	768	others

general machine	89	86	100	104	134	97	90	88	87	80	105	73	88	91	82	67	73	78	79	70	81	70	75	75	2,062	machine
human power machine, tools	64	55	79	68	54	60	46	52	65	61	43	44	41	51	48	44	44	44	46	46	33	61	51	53	1,253	human power machine, tools
no causal agent	37	43	54	52	50	52	35	50	39	43	55	63	63	40	45	47	52	44	41	55	51	73	72	49	1,205	no causal agent
load	74	66	66	52	72	56	48	61	50	33	54	36	43	47	33	41	42	43	24	34	38	47	38	39	1,137	load
other causal agent	90	87	58	70	77	80	74	247	152	88	55	58	57	55	56	69	72	45	43	61	54	43	56	35	1,782	other causal agent
other equipments, facilities	48	25	42	36	35	32	39	41	45	34	34	36	39	53	40	41	29	31	34	31	35	32	34	33	879	other equipments, facilities
materials	57	48	42	52	44	44	56	38	39	40	33	47	42	30	24	34	25	28	32	32	36	28	33	29	913	materials
crane	61	55	53	52	48	50	57	46	27	37	36	38	39	27	34	40	37	29	28	24	30	31	29	28	936	crane
construction machine	17	7	10	9	8	18	11	13	6	7	9	13	16	17	10	13	13	9	14	16	16	15	15	18	300	construction machine
power transmission mechanism	16	19	15	7	18	17	13	15	20	13	14	15	14	9	21	8	19	12	20	14	12	10	18	16	355	power transmission mechanism
hazards, harmful substances	9	10	3	7	8	5	8	2	5	7	9	11	8	14	11	9	7	13	9	11	5	14	9	11	205	hazards, harmful substances
metal manufacturing machine	5	3	6	8	2	5	7	4	3	5	4	2	5	1	3	4	6	3	6	9	1	7	5	11	115	metal manufacturing machine
woodworking machine	4	9	4	3	10	11	5	6	8	6	2	5	6	8		4	3	6	3	2	5	7	6	4	127	woodworking machine
unclassifiable	7	11	14	3	7	4	6	5	5	2	4	4	1	4	2	1	1	2	2	3	5	1	2	3	99	unclassifiable

kiln, caldron	2	1	1	1		1			1		1			1	1				1					2	13	kiln, caldron
electric equipment	2	5		1	3	2		2	1	2	2	2		3	1	1	1	1	1	1	4	1	1	1	38	electric equipment
engine	1		2	2	1	2	2	3	1	1			1	2				1	1	1	2	1	1	1	26	engine
welding equipment	1	1		1	1	2						1	1	1		2	1			1			1	1	15	welding equipment
pressure vessel	3			1				1		1			1		2	2			2						13	pressure vessel
chemical facilities					1	1																			2	chemical facilities
mobile silviculture machine																			1						1	mobile silviculture machine
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961	total

Transition of Causal agents (Small) of fatal and non-fatal accidents in 07 livestock/fishery 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
other environments			652		507		549	404	430	576	522	521	503	541	504	476	483	524	527	513	533	614	603	636	10,618	other environments
other vehicles			193		181		163	146	178	154	126	128	126	132	117	130	118	128	111	92	121	105	114	116	2,679	other vehicles
other tools			171		178		159	132	139	114	117	136	131	138	106	120	130	89	115	98	96	93	89	102	2,453	other tools
passage			78		72		68	77	69	78	59	82	78	77	59	52	75	70	60	75	74	100	98	86	1,487	passage
truck			49		45		39	43	53	38	43	51	37	62	44	31	42	45	45	41	51	50	45	58	912	truck
other general power machines			86		114		77	80	72	69	88	64	79	87	66	54	58	71	71	64	71	58	65	57	1,451	other general power machines
no causal agent			54		50		35	50	39	43	55	63	63	40	45	47	52	44	41	55	51	73	72	49	1,021	no causal agent
other temporary buildings,			44		26		32	42	44	33	37	33	26	47	36	23	25	29	23	30	39	42	42	49	702	other temporary buildings,

slinging tool			6		3		3	5	4		2	3	1	4	2	2	3		3	2	1	4	1	4	53	slinging tool	
human power cranes			4		3		1		2		1	2		1	1	2		1	3	2	6	7	8	4	48	human power cranes	
unclassifiable			14		7		6	5	5	2	4	4	1	4	2	1	1	2	2	3	5	1	2	3	74	unclassifiable	
circular sawing machine			1		8		4	4	2	5	1	2	4	7		4	2	4	1	1	3	3	1	3	60	circular sawing machine	
food manufacturing machine			4		4		3	1	4	2	2		4	1	4	2	5	6	1	2	2	2	2	3	54	food manufacturing machine	
machine/equipment as load			6		9			2	1	1	2	1	1	4	3	3	2	2	2	2	1	1	2	3	3	49	machine/equipment as load
harmful substance			1		1		2	1	4	2	1	3	4	4	4	3	7	5	1	7	3		2	2	57	harmful substance	
abnormal environment			1		4		4	1	2	4	2	2	5	3	3	1	5	3	2	1	1	1	3	2	50	abnormal environment	
other metal manufacturing machines			1				4	2		1	1		3		2				2	3	1	3	1	2	26	other metal manufacturing machines	
kiln, caldron															1									2	3	kiln, caldron	
scaffolding			3		4		5	4	3	1	2	4	2	4	3	1	1	1	1	3	4	2	2	1	51	scaffolding	
crane			3		3		2	1	2	4	3	2	1	1	1			1	1		1	3	1	1	31	crane	
human power machine					2		3	3	1	1	1	2	2	1	1		4		2	1	1	1		1	27	human power machine	
engine			2		1		2	3	1	1			1	2				1	1	1	2	1	1	1	21	engine	
other electrical equipment					2			1	1		1	2		2	1	1			1	1	1		1	1	16	other electrical equipment	
industrial robot							1			1	1				2	1	1						1	1	9	industrial robot	
arc welding equipment					1						1	1	1		2					1			1	1	9	arc welding equipment	

centrifugal machine					2		1															3	centrifugal machine		
pressure vessel								1							1								3	pressure vessel	
timbering							1								1						1		3	timbering	
straddle carrier															1						1		2	straddle carrier	
railway vehicle					1																		2	railway vehicle	
explosive substance																					1		1	2	explosive substance
band sawing machine																							1	band sawing machine	
hollow chisel mortiser, wood borer																							1	hollow chisel mortiser, wood borer	
hardening machine							1																1	hardening machine	
drill press, milling machine																							1	drill press, milling machine	
printing machine																							1	printing machine	
felling machine																							1	felling machine	
derrick crane							1																1	derrick crane	
rough terrain hauler																							1	rough terrain hauler	
boiler																							1	boiler	
chemical facilities							1																1	chemical facilities	
gas welding equipment																							1	gas welding equipment	
chamfering machine, router, woodworking milling machine																								chamfering machine, router, woodworking milling machine	

foundation work machine																										foundation work machine	
demolition machine																											demolition machine
power press																											power press
forging pressure hammer																											forging pressure hammer
shearing machine																											shearing machine
injection molding machine																											injection molding machine
mobile logging machine																											mobile logging machine
skyline yarding machine																											skyline yarding machine
other mobile silviculture machine																											other mobile silviculture machine
gondola																											gondola
simple skyline yarding equipment																											simple skyline yarding equipment
railway equipment																											railway equipment
other welding equipment																											other welding equipment
other kiln, caldron																											other kiln, caldron
radiation																											radiation
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961	total	

Transition of workers' age groups of fatal and non-fatal accidents in 07 livestock/fishery 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
-----	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	-------	-----

40-49	367	349	297	312	332	306	289	274	278	261	279	270	290	280	284	259	296	297	315	315	336	339	349	363	7,337	40-49
60 years old or more	460	456	454	412	401	419	383	329	351	328	333	374	346	374	331	317	314	329	326	330	327	362	367	352	8,775	60 years old or more
20-29	419	404	436	388	351	370	349	323	337	351	293	304	318	273	304	256	257	238	233	251	260	291	308	348	7,662	20-29
30-39	269	265	310	292	303	303	315	355	316	308	312	325	349	358	291	345	342	321	294	327	327	347	302	327	7,603	30-39
50-59	425	460	445	407	418	457	419	437	435	422	339	333	347	377	313	299	290	296	284	276	278	303	298	282	8,640	50-59
19 years old or less	71	60	78	56	48	43	30	50	30	30	21	38	16	46	30	33	42	29	35	28	25	43	33	29	944	19 years old or less
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 07 livestock/fishery 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	769	787	823	765	747	777	707	702	712	707	624	664	620	662	638	578	584	595	598	636	647	690	639	650	16,321	10-29
9 workers or less	800	806	798	720	752	747	715	695	669	611	620	627	665	644	589	601	623	597	585	528	546	577	579	616	15,710	9 workers or less
30-49	193	183	181	171	172	170	172	161	156	163	142	140	165	172	115	138	123	124	117	136	156	172	162	177	3,761	30-49
50-99	143	141	148	154	126	137	126	148	144	155	120	130	127	153	130	131	141	130	122	141	123	135	166	159	3,330	50-99
100-299	101	71	65	53	53	63	62	58	61	56	66	75	84	75	74	57	66	59	58	78	76	107	105	96	1,719	100-299
300 workers or more	5	6	5	4	3	4	3	4	5	8	5	8	5	2	7	4	4	5	7	8	5	4	6	3	120	300 workers or more
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961	total

Transition of occurred months of fatal and non-fatal accidents in 07 livestock/fishery 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
June	164	193	171	151	151	176	163	175	179	141	130	147	155	135	132	134	113	123	112	133	120	161	141	165	3,565	June
October	193	171	200	176	187	182	161	174	148	163	139	151	156	172	149	150	143	134	137	138	151	155	134	163	3,827	October
April	170	159	178	159	168	144	141	130	164	159	115	138	137	138	143	137	133	126	129	118	138	139	159	158	3,480	April
September	190	173	172	142	165	158	130	148	146	155	143	150	157	163	128	129	126	145	123	138	157	153	147	153	3,591	September

January	153	149	141	153	146	129	125	142	108	119	123	117	132	140	135	108	111	110	113	121	117	135	132	153	3,112	January
July	172	167	189	162	173	185	171	162	177	158	154	135	139	142	132	123	148	121	124	141	126	164	140	150	3,655	July
March	172	165	172	143	134	174	125	150	139	138	119	136	154	134	132	108	132	124	146	112	115	148	138	143	3,353	March
August	177	172	194	188	163	152	172	170	161	141	134	156	149	135	126	130	115	112	121	143	133	140	136	137	3,557	August
May	191	174	178	176	163	210	163	160	150	136	136	134	131	149	120	141	143	135	121	141	133	128	151	136	3,600	May
November	172	188	174	151	151	142	162	133	128	117	157	149	129	128	120	132	139	127	133	122	134	125	135	133	3,381	November
February	134	153	114	121	119	133	132	103	123	157	110	118	99	146	113	112	97	136	103	112	114	109	120	115	2,893	February
December	123	130	137	145	133	113	140	121	124	116	117	113	128	126	123	105	141	117	125	108	115	128	124	95	2,947	December
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961	total

Transition of prefectures of fatal and non-fatal accidents in 07 livestock/fishery 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
Hokkaido	551	498	586		457		430	454	438	418	435	440	428	445	408	396	395	428	385	383	392	452	406	451	9,676	Hokkaido
Shiga	98	119	98		85		100	98	103	102	83	84	76	113	89	96	103	92	109	95	91	98	100	119	2,151	Shiga
Kagoshima	93	81	102		92		109	96	87	103	87	95	92	98	97	85	97	84	104	94	101	101	112	119	2,129	Kagoshima
Ibaraki	173	179	185		137		168	161	131	152	118	133	116	147	126	119	153	119	119	131	136	142	140	104	3,089	Ibaraki
Iwate	70	80	70		60		43	59	74	41	59	41	70	77	57	54	61	42	48	60	76	76	70	70	1,358	Iwate
Miyazaki	57	37	51		48		63	60	68	59	68	50	65	50	43	38	45	56	55	58	50	50	39	61	1,171	Miyazaki
Kumamoto	45	44	38		26		29	34	41	36	28	30	29	31	25	28	35	32	17	35	31	43	39	47	743	Kumamoto
Shizuoka	65	59	40		59		37	42	44	34	35	47	43	40	34	39	49	38	32	29	34	26	45	43	914	Shizuoka
Niigata	35	45	25		28		27	26	37	35	29	34	19	24	21	31	18	24	21	36	31	40	31	41	658	Niigata
Gunma	16	17	23		10		25	23	13	23	21	20	26	15	21	16	13	21	22	30	25	35	32	38	485	Gunma
Miyagi	24	26	25		32		26	22	18	22	19	17	20	17	18	24	30	21	17	19	26	25	22	33	503	Miyagi
Mie	60	71	70		65		49	34	46	44	28	34	49	40	31	34	25	23	25	33	25	32	29	31	878	Mie
Nagasaki	69	50	58		65		46	55	51	51	32	55	41	37	38	43	30	34	43	34	41	43	44	30	990	Nagasaki

Yamagata	14	8	7		6		16	12	12	4	10	11	9	14	15	4	12	11	4	11	7	10	15	7	219	Yamagata
Akita	13	12	8		15		5	11	7	6	7	8	6	3	15	11	5	10	8	4	12	7	13	7	193	Akita
Tokushima	22	14	16		14		8	14	7	18	11	5	8	16	12	5	5	9	12	8	13	9	6	6	238	Tokushima
Nagano	6	5	4		3		6	5	3	6	11	6	10	9	6	7	8	3	7	5	5	8	2	5	130	Nagano
Fukui	3		13		5		6	4	6	8	6	7	7	7	4	4	8	8	9	6	5	2	4	5	127	Fukui
Osaka	2	18	11		12		16	11	9	13	12	11	7	11	4	8	10	5	8	7	6	2	3	4	190	Osaka
Tokyo	9	4	4		8		3	2	6	1	2	4	10	2	7	4	1	4	2	3			3	4	83	Tokyo
Yamanashi	1	3	1		1			2	1	3		2	1	2	2		2	2	2	1	2	2		2	32	Yamanashi
Nara	4	1	3		2		3	2	3	4	2	4	1	7	6	5	4	7	3	1	5	2		1	70	Nara
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	1,701	40,961	total

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

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