

Industrial accidents in forestry in Japan in 1999-2020

forestry industry Code No.0602

Type of accidents in forestry in 1999-2020

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
fall from height	301	281	267	255	264	247	213	216	219	214	209	197	190	182	166	156	176	157	142	174	135	115
falling to same level	467	433	420	347	421	321	271	264	228	248	250	245	242	205	190	173	193	172	132	160	136	132
crash	84	78	70	64	64	52	62	53	50	45	37	40	43	38	45	35	28	31	41	39	34	40
struck by flying or falling object	437	447	441	434	410	432	361	334	340	319	398	351	327	301	279	259	256	259	217	224	178	185
collapse	112	95	93	105	110	103	85	71	84	81	93	107	72	64	61	55	73	76	49	45	40	39
crashed by	525	501	528	528	470	476	487	456	477	456	443	525	505	426	345	356	344	347	282	287	305	326
caught in/between	185	155	147	122	135	126	115	116	107	105	89	120	110	89	115	77	69	84	67	85	62	72
cut	888	898	831	795	835	779	652	585	672	663	656	626	598	468	399	393	364	316	295	237	254	233
injury to the sole of the foot	8	8	4	4	7	11	5	1	6	4	6	10	2	6	6	1	5	7	4	0	11	6
drown	0	0	0	-	0	-	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0

contact to high/low-temperature	7	10	8	5	9	7	4	5	6	13	5	10	10	12	9	12	13	18	9	7	9	9
contact to harmful substance	0	7	3	-	2	2	6	0	1	1	1	1	2	0	1	1	4	3	1	2	1	5
electric shock	1	0	1	-	1	-	2	1	0	1	0	0	0	0	0	0	0	3	0	0	1	0
explosion	1	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	2	1	1	1	0	1	2	0	1	0	3	1	0	0	1	0	1	1	1	0	0	1
traffic accident (public road)	32	17	13	17	25	23	16	16	17	5	11	29	17	28	8	9	14	10	9	7	16	16
traffic accident (others)	1	1	0	-	0	-	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0
reaction to motion/improper motion	98	82	89	86	72	77	57	52	68	69	62	65	72	48	65	59	58	59	50	48	48	63
others	39	62	48	32	43	36	24	19	22	28	42	34	31	26	33	24	19	16	14	27	17	32
unclassifiable	3	6	10	4	6	3	2	1	2	3	1	2	2	1	0	1	2	2	0	0	1	1
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275

Causal agents (middle) of industrial accidents in forestry 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	1	0	-	0	-	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0
power transmission mechanism	2	1	1	-	1	-	0	0	1	1	1	0	1	0	1	0	0	4	0	0	0	1
woodworking machine	601	620	597	551	581	577	507	456	547	544	528	530	493	395	339	335	322	269	240	217	218	200
construction machine	44	21	28	31	36	33	32	34	25	31	31	25	39	32	35	26	18	24	11	17	22	11
metal manufacturing machine	11	4	3	3	3	-	1	2	4	2	1	3	1	1	0	1	0	0	0	2	0	1
general machine	206	191	179	215	206	171	143	118	120	121	122	114	90	102	77	74	52	72	61	50	61	65
mobile silviculture machine																	69	76	49	57	60	86
crane	88	85	76	55	62	58	75	58	43	56	45	59	35	42	35	39	28	27	19	19	12	15
conveying	127	97	82	90	81	85	76	80	87	71	72	56	73	78	67	74	42	41	40	52	28	21

machine			0	1		2	3	0	0	1	0	0	0	0	0	0	0	1	0	0	0
hollow chisel mortiser, wood borer			4	0		2	0	1	0	2	1	0	0	1	0	0	0	0	1	0	0
chamfering machine, router, woodworking milling machine			0	0		0	2	0	0	0	0	0	0	1	0	0	0	1	1	0	0
chain saw			452	504		446	408	492	469	463	477	435	350	304	305	301	247	215	198	202	185
other woodworking machines			120	67		53	42	49	69	58	48	51	41	29	29	20	22	19	13	12	15
leveling, transporting or loading machine			8	10		9	10	4	11	8	5	9	9	6	4	1	7	2	6	8	1
excavating machine			15	19		11	13	10	11	10	9	14	9	13	7	8	12	5	7	10	9
foundation work machine			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine			0	0		0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0
demolition machine			0	0		0	0	0	0	0	0	0	0	3	1	3	0	1	0	1	0
vehicle for high lift work			0	1		1	1	1	0	0	0	0	0	1	1	1	3	0	0	3	0

hauling equipment			0	0	0	0	0	0	0	1	3	1	0	0	0	0	1	0	0	0	0
human power machine			4	0	2	1	5	2	0	2	1	0	1	0	2	2	2	2	0	0	0
hand tool			160	151	101	82	68	63	56	72	80	53	37	29	26	31	26	28	24	21	
ladder			48	47	36	43	26	30	23	26	24	32	22	15	13	16	14	25	12	9	
slinging tool			4	11	6	8	3	5	6	2	2	4	3	3	4	2	3	2	1	5	
other tools			38	32	31	24	22	20	13	22	19	9	23	14	14	14	11	10	15	21	
other equipment, facilities			8	1	1	2	6	4	3	2	2	3	3	3	2	4	0	5	2	2	
scaffolding			3	0	0	2	0	1	0	0	0	1	0	2	0	0	1	2	2	1	
timbering			1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
stairs, landing stage			5	4	1	4	3	3	0	2	1	4	0	0	0	0	2	2	2	3	
opening			0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	
roof, beam, haze, crossbeam, principal rafter			3	2	1	3	0	1	1	1	1	2	1	2	2	2	1	0	1	0	
working platform, boot board			25	34	8	27	18	18	15	22	13	9	15	18	10	7	3	19	14	6	
passage			44	44	38	49	44	30	38	34	38	27	20	23	24	30	24	26	17	23	
building,			5	9	6	7	10	9	4	3	3	6	4	3	5	6	2	8	2	4	

30-39	283	299	290	274	380	345	334	312	322	385	389	387	359	339	317	292	299	313	243	257	239	212
40-49	412	387	396	370	373	364	335	299	318	312	347	352	380	339	314	275	306	298	263	258	260	264
50-59	703	633	621	577	664	644	570	545	611	528	535	550	506	414	375	334	322	302	264	229	231	257
60 years old or more	1,514	1,478	1,344	1,250	1,157	1,042	876	809	803	776	759	769	718	586	523	544	500	478	408	429	372	390
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275

Workers' number of workplace of industrial accidents in forestry 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	1,698	1,651	1,574	1,399	1,409	1,369	1,261	1,187	1,219	1,196	1,177	1,158	1,079	920	863	821	764	758	672	663	632	617
10-29	725	699	680	692	725	632	542	491	573	566	590	595	593	528	490	451	472	486	395	404	361	399
30-49	389	350	361	354	395	358	306	291	267	265	280	317	277	206	190	199	223	170	152	170	160	166
50-99	264	293	264	275	275	269	208	174	193	184	225	245	230	201	154	109	133	115	68	77	71	72
100-299	115	89	95	79	70	68	48	46	48	46	34	48	45	42	26	30	26	31	27	28	24	21
300 workers or more	0	1	0	—	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275

Month of industrial accidents in forestry 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	232	219	174	190	197	179	190	155	199	179	152	154	187	173	123	156	126	100	108	113	118	91
February	246	242	239	225	226	255	174	171	176	188	219	193	188	165	127	113	124	148	121	122	96	116
March	273	292	247	242	229	239	204	192	191	191	201	208	195	195	179	116	148	163	111	122	102	107
April	268	228	220	200	190	166	192	157	173	187	171	181	159	140	135	148	126	115	89	111	110	108
May	277	255	237	192	220	196	178	149	154	166	175	186	164	142	138	110	145	119	96	101	105	101
June	256	243	267	258	191	208	190	181	180	182	191	209	188	140	135	141	119	129	102	106	107	101
July	289	282	269	262	284	232	218	183	175	199	183	203	176	169	150	154	129	137	106	107	103	102
August	261	288	260	224	257	213	217	171	195	164	195	204	198	158	135	107	126	124	104	103	82	102
September	254	251	238	237	305	245	217	210	185	228	212	212	182	159	142	149	130	114	118	122	125	110
October	308	285	314	284	327	240	209	223	234	208	221	224	215	177	161	153	159	143	111	104	116	110
November	274	250	290	257	216	266	234	214	237	187	221	213	201	142	170	131	160	158	128	121	95	128
December	253	248	219	228	232	257	142	184	201	178	165	176	171	137	128	133	127	111	120	110	89	99
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275

Prefecture of industrial accidents in forestry 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	250	191	203		210		203	169	183	157	158	158	125	129	116	120	102	125	99	90	102	81
Aomori	73	42	35		21		21	19	30	26	35	32	31	26	29	24	21	25	23	21	30	20

Iwate	82	89	86		78		58	64	82	59	77	79	72	68	61	71	55	60	56	41	44	48
Miyagi	40	42	38		31		39	42	45	40	43	30	33	40	35	33	28	37	29	32	26	31
Akita	71	61	64		58		39	44	43	44	42	65	53	42	38	38	46	40	34	39	41	39
Yamagata	34	28	25		31		27	23	23	30	21	23	20	21	23	25	22	21	7	12	15	9
Fukushima	49	63	49		62		37	36	44	51	37	52	41	29	34	32	24	45	25	38	29	28
Ibaraki	14	10	14		9		7	7	8	13	8	19	11	11	11	14	14	11	12	13	11	17
Tochigi	28	29	34		36		27	28	30	32	29	18	23	17	19	29	24	21	13	20	6	18
Gunma	56	45	50		61		31	38	43	37	35	57	38	33	24	22	37	30	27	22	18	26
Saitama	14	24	22		18		13	8	10	15	14	14	16	9	6	14	6	4	11	7	5	7
Chiba	18	17	13		10		12	8	8	12	11	11	8	16	9	3	6	10	4	5	2	5
Tokyo	24	33	32		13		19	24	21	11	11	24	16	20	18	6	15	9	8	9	6	4
Kanagawa	24	20	17		11		11	15	11	23	18	21	18	12	18	7	12	16	11	17	13	19
Niigata	63	49	32		38		25	30	23	28	27	17	26	15	20	15	16	14	14	19	14	13
Toyama	22	17	20		25		18	22	14	21	22	23	18	13	7	7	3	9	7	7	4	10
Ishikawa	40	49	46		36		33	21	26	32	29	29	16	26	22	15	22	11	15	19	13	14
Fukui	41	45	49		35		28	25	28	31	20	30	31	15	22	21	15	19	18	11	11	16
Yamanashi	27	39	35		30		19	27	25	20	32	16	29	27	20	17	19	23	12	11	14	14
Nagano	93	81	80		101		60	84	63	66	81	90	71	60	64	58	61	44	37	40	40	48
Gifu	124	121	135		125		110	108	107	121	93	97	75	56	64	64	61	60	55	68	51	44
Shizuoka	78	84	98		79		77	61	64	75	58	68	93	58	49	44	52	42	35	59	27	39

Aichi	51	34	40		35		26	25	27	28	27	36	36	17	26	27	18	12	20	13	10	19
Mie	170	137	154		108		103	84	73	82	102	106	74	70	47	44	36	54	36	35	26	41
Shiga	31	43	32		34		19	24	12	23	36	41	28	21	17	14	10	4	11	15	5	3
Kyoto	64	58	92		69		57	63	65	55	51	48	53	60	40	38	37	36	26	30	26	23
Osaka	21	8	17		33		10	8	12	12	14	7	13	3	8	6	5	6	4	3	4	2
Hyogo	69	77	82		71		64	56	70	67	83	57	51	49	46	35	46	35	43	27	33	37
Nara	168	142	109		104		72	86	65	55	71	63	57	59	46	48	41	35	30	38	32	39
Wakayama	114	111	102		138		115	80	96	91	101	89	75	62	62	53	51	56	50	48	55	33
Tottori	48	58	45		41		30	24	19	30	31	33	32	34	28	24	27	20	16	18	13	24
Shimane	87	100	79		68		58	59	56	55	72	66	79	56	50	64	53	46	39	23	37	34
Okayama	109	100	106		90		100	82	82	77	64	63	79	62	48	33	55	47	31	34	34	34
Hiroshima	138	111	115		104		75	63	80	59	70	67	75	52	55	43	66	59	41	37	30	34
Yamaguchi	63	81	70		78		72	53	52	53	73	60	66	59	32	39	33	32	24	27	26	21
Tokushima	62	86	69		53		38	47	42	37	46	51	45	45	30	26	31	32	23	31	8	18
Kagawa	27	24	23		30		19	16	22	12	11	14	29	12	6	15	19	13	7	13	11	9
Ehime	72	80	92		98		77	50	61	56	58	65	70	54	51	48	29	36	35	30	40	31
Kochi	157	156	131		149		142	118	135	128	110	134	119	102	78	93	89	83	71	61	63	79
Fukuoka	56	65	80		59		64	48	54	45	44	54	47	49	42	32	31	33	28	19	24	31
Saga	21	15	15		22		13	18	18	24	24	23	16	11	17	17	16	14	11	11	11	12
Nagasaki	23	21	27		24		15	11	23	19	14	21	17	20	16	10	15	7	14	12	12	9

traffic accident (others)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
reaction to motion/improper motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	2	5	2	0	2	1	0	1	1	5	0	2	0	1	0	0	0	1	0	
unclassifiable	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36	

Causal agents (middle) of fatal accidents in forestry 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	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	0	0	2	1	1	2	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	1
construction machine	4	2	1	1	1	0	2	1	2	2	1	0	3	1	2	0	0	1	0	2	1	1
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	1	5	1	3	2	0	2	3	1	2	1	3	0	0	1	0	0	0	0	0	0	0
mobile silviculture machine																	4	5	5	3	3	6
crane	4	6	5	6	2	3	4	5	1	1	3	3	1	1	2	3	0	1	2	0	0	1
conveying machine	5	1	3	2	6	4	3	4	2	5	2	4	3	2	1	3	0	2	3	1	3	2

vehicle	0	0	1	2	1	2	0	3	0	0	1	1	0	1	0	0	0	1	0	0	3	0
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
tools	1	1	0	0	3	2	1	0	1	0	2	0	0	1	1	1	2	1	1	0	1	0
other equipments, facilities	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	1	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0
hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
materials	1	3	2	3	0	0	0	1	2	1	0	2	0	1	1	0	1	1	0	2	1	0
load	0	1	0	0	0	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0
natural environment	51	34	38	31	41	33	34	40	38	31	33	43	33	28	30	35	29	28	29	23	21	25
other causal agent	1	0	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
no causal agent	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36

water	0	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	0	0	0	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	2	0	2	0	1	0	0	1	0	0	0	1	2	2	1	0	0	1	0	0	0	0
other environments	0	0	1	2	3	2	1	2	1	0	3	0	0	0	3	0	1	0	0	0	1	0
other causal agent	1	0	0	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
no causal agent	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36

Workers age of fatal accidents in forestry 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	2	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0
20-29	2	1	0	0	1	1	1	0	1	2	0	2	1	0	1	3	3	3	0	1	5	0
30-39	2	1	1	0	1	2	1	3	4	3	5	0	5	1	3	7	5	5	4	0	4	3
40-49	9	3	8	3	12	2	4	7	4	2	6	3	5	0	3	4	4	5	6	3	7	3
50-59	15	10	11	14	9	17	9	14	20	6	10	17	14	7	12	10	8	9	6	4	7	7
60 years old or more	41	38	34	32	38	24	31	33	21	30	22	36	18	29	20	17	18	19	24	23	10	23
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36

Workers' number of workplace of fatal accidents in forestry 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	42	24	31	31	36	26	27	37	29	23	21	36	26	22	23	20	21	23	26	17	17	26
10-29	20	15	11	13	21	13	12	13	15	15	12	11	13	10	8	10	12	10	11	9	11	9
30-49	4	8	8	3	4	4	3	3	4	2	7	8	1	2	6	5	3	6	1	4	5	0
50-99	4	6	2	2	0	3	3	2	2	1	2	2	2	2	2	6	1	2	2	1	0	1
100-299	1	0	2	0	0	0	2	2	0	2	1	2	1	1	0	1	1	0	0	0	0	0
300 workers or more	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36

Month of fatal accidents in forestry 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	3	4	10	3	4	0	5	6	3	4	5	3	3	3	7	7	4	1	6	7	0	3
February	5	5	2	6	8	3	11	3	3	3	9	5	4	3	1	3	4	3	1	3	3	4
March	9	2	2	3	6	5	2	8	5	5	5	8	9	4	3	3	0	6	5	3	1	4
April	7	5	6	3	3	1	5	3	5	5	0	5	2	3	2	3	4	1	4	0	8	5
May	8	5	2	3	2	2	4	2	9	3	2	6	3	2	3	1	1	2	1	1	4	4
June	5	3	4	5	5	3	4	5	3	3	3	3	2	3	3	6	1	3	4	1	2	2

July	5	9	8	2	11	4	1	7	5	1	4	5	4	2	3	4	3	2	4	2	6	2
August	6	6	1	8	7	4	5	5	3	3	3	6	4	4	2	0	2	3	2	3	1	0
September	5	4	5	1	6	6	4	5	2	3	2	2	1	5	4	4	8	3	3	5	4	4
October	3	6	6	8	5	6	3	5	2	5	3	8	2	3	4	2	4	3	3	2	1	2
November	8	3	4	3	3	4	1	3	4	5	5	6	6	2	4	7	5	9	5	3	0	2
December	7	1	4	4	1	8	2	5	6	3	2	2	3	3	3	2	2	5	2	1	3	4
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36

Prefecture of fatal accidents in forestry 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	8	5	6	7	7	5	11	6	5	8	1	11	5	4	4	4	4	5	5	6	8	4
Aomori	2	1	1	1	0	2	1	2	1	1	0	1	1	0	0	0	0	0	3	0	2	1
Iwate	5	2	4	1	1	4	0	4	3	2	4	4	5	1	3	0	3	3	4	2	0	4
Miyagi	1	2	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0	1	0	1	1	2
Akita	3	3	0	7	4	0	3	2	3	1	1	0	0	3	3	0	3	1	1	3	0	3
Yamagata	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	3	0	0	1	1	0
Fukushima	2	1	2	1	0	2	1	1	0	1	2	1	0	1	3	2	1	1	0	1	1	1
Ibaraki	0	0	0	3	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0
Tochigi	2	0	1	3	3	1	0	0	0	1	1	0	0	0	0	0	2	0	0	0	0	0

Gunma	0	0	1	1	0	2	1	0	1	0	1	3	0	2	0	0	0	1	1	2	0	1
Saitama	0	1	1	1	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	0	1
Chiba	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokyo	1	1	1	0	1	0	0	0	1	0	0	2	0	0	0	1	0	1	0	0	0	0
Kanagawa	0	0	1	0	1	0	0	0	0	1	2	0	0	0	0	0	0	1	0	0	0	0
Niigata	0	2	1	0	0	0	0	0	0	0	1	1	2	1	0	0	0	1	0	0	3	0
Toyama	1	0	0	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1
Ishikawa	1	1	2	1	1	0	2	0	0	1	0	3	0	0	0	1	1	0	0	1	0	0
Fukui	2	1	0	0	0	0	0	1	1	2	1	0	1	1	2	0	0	0	1	2	0	0
Yamanashi	0	1	0	2	2	0	1	1	0	0	0	0	1	1	0	1	2	1	0	0	0	0
Nagano	4	4	2	0	3	2	0	4	0	3	1	3	1	1	4	1	0	1	1	1	1	1
Gifu	1	1	1	1	3	1	1	1	0	0	2	2	0	0	0	0	2	1	3	0	1	1
Shizuoka	2	1	4	3	2	1	2	3	2	0	0	1	3	1	0	2	1	0	1	2	1	1
Aichi	0	0	1	0	0	0	1	1	0	1	0	0	1	0	1	0	1	1	3	0	0	0
Mie	3	1	3	1	2	1	1	2	1	3	1	1	0	2	2	0	0	3	1	1	1	0
Shiga	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	0
Kyoto	1	0	0	0	2	1	0	1	1	0	2	1	0	1	1	1	1	1	0	0	0	0
Osaka	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1
Hyogo	1	1	3	2	0	1	0	2	2	1	0	2	1	0	1	3	0	0	0	1	0	1
Nara	8	0	2	1	2	2	0	2	4	2	1	1	1	0	0	0	1	0	1	1	0	1

Wakayama	2	1	3	1	2	1	0	2	1	0	1	1	0	0	0	2	0	1	0	0	0	1
Tottori	0	1	0	0	1	1	1	1	0	0	0	0	2	0	0	1	2	0	0	0	0	1
Shimane	1	3	0	2	2	0	1	1	1	0	2	3	2	1	0	1	0	1	1	0	1	0
Okayama	2	3	4	1	1	2	4	1	1	1	1	0	0	2	0	0	2	1	0	1	1	0
Hiroshima	3	0	2	0	0	2	2	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0
Yamaguchi	0	2	1	1	0	1	1	2	0	0	0	0	1	0	0	0	1	0	0	0	0	1
Tokushima	1	1	0	0	1	1	0	1	1	0	2	3	2	0	0	2	0	0	1	0	0	0
Kagawa	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Ehime	0	1	1	1	2	1	0	2	2	0	2	2	2	3	0	0	0	2	1	0	0	0
Kochi	3	0	1	1	3	4	0	1	4	0	3	1	1	1	1	4	0	1	3	1	0	3
Fukuoka	0	0	1	0	1	1	1	1	1	0	0	1	1	1	0	3	0	0	1	0	0	2
Saga	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	1	0	0	0	0	0	0
Nagasaki	1	0	1	0	1	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0
Kumamoto	4	2	2	0	1	1	0	0	2	2	1	1	2	2	2	3	1	1	0	0	2	0
Oita	2	3	0	1	1	0	2	3	1	2	1	0	1	2	0	0	1	1	0	1	2	1
Miyazaki	2	2	1	3	6	0	3	3	5	3	3	4	2	0	6	4	3	3	5	1	5	1
Kagoshima	1	4	0	1	3	1	2	1	2	2	1	0	1	3	3	1	3	5	1	1	1	2
Okinawa	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36

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

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