



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	8
contact to harmful substance	0	7	3	0	2	2	6	0	1	1	1	1	2	0	1	1	4	3	1	2	1	5	3
electric shock	1	0	1	0	1	0	2	1	0	1	0	0	0	0	0	0	0	3	0	0	1	0	0
explosion	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
burst	0	0	0	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	0
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	18
traffic accident (others)	1	1	0	0	0	0	0	0	0	2	0	0	0	3	0	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	54
others	39	62	48	32	43	36	24	19	22	28	42	34	31	26	33	24	19	16	14	27	17	32	16
unclassifiable	3	6	10	4	6	3	2	1	2	3	1	2	2	1	0	1	2	2	0	0	1	1	2
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	1,235

Causal agents (middle) of industrial accidents in forestry in 1999-2021

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
engine	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0
power transmission mechanism	2	1	1	0	1	0	0	0	1	1	1	0	1	0	1	0	0	4	0	0	0	1	0
woodworking machine	601	620	597	551	581	577	507	456	547	544	528	530	493	395	339	335	322	269	240	217	218	200	205
construction machine	44	21	28	31	36	33	32	34	25	31	31	25	39	32	35	26	18	24	11	17	22	11	20
metal manufacturing machine	11	4	3	3	3	0	1	2	4	2	1	3	1	1	0	1	0	0	0	2	0	1	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	66
mobile silviculture machine																	69	76	49	57	60	86	59
crane	88	85	76	55	62	58	75	58	43	56	45	59	35	42	35	39	28	27	19	19	12	15	18
conveying machine	127	97	82	90	81	85	76	80	87	71	72	56	73	78	67	74	42	41	40	52	28	21	27
vehicle	14	17	10	17	24	23	15	15	15	14	14	32	11	28	11	6	13	10	4	7	15	14	13
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	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	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	1	0
electric equipment	1	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0
human power machine, tools	196	179	164	137	152	116	104	84	74	65	59	77	84	53	38	30	29	35	29	31	24	22	28
tools	86	77	90	89	90	72	73	75	51	55	42	50	45	45	48	32	31	32	28	37	28	35	21
other equipments, facilities	4	6	8	3	1	2	1	2	6	4	3	2	2	3	3	3	2	4	0	5	2	2	1
temporary buildings, establishments	104	101	91	73	102	94	62	98	77	65	60	64	59	52	40	56	44	49	33	63	40	42	60
hazards, harmful substances	3	12	3	1	4	1	3	0	2	2	1	3	2	2	0	1	1	2	1	0	1	1	4
materials	253	218	187	208	158	182	188	159	160	109	111	132	136	115	128	96	90	96	65	88	64	76	60
load	11	8	9	12	8	4	7	6	3	7	3	7	5	8	10	6	4	5	5	11	5	3	2
natural environment	1,381	1,383	1,380	1,264	1,319	1,231	1,043	976	1,043	1,074	1,162	1,176	1,099	917	853	800	845	783	699	656	642	644	622







felling machine																	32	40	27	23	27	56	30
mobile logging machine																	23	19	13	21	17	17	10
skyline yarding machine																	12	13	7	11	15	10	15
other mobile silviculture machine																	2	4	2	2	1	3	4
crane			1		1		1	1	1	1	0	1	0	0	0	0	1	0	0	1	0	0	1
mobile crane			15		12		16	13	9	10	8	14	5	7	9	8	5	4	11	2	4	4	5
derrick crane			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cargo lifting appliance			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gondola			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumberyard equipment, logging cableway			55		43		47	37	30	33	30	33	22	27	20	26	17	19	8	12	6	9	9
simple skyline yarding equipment																	2	1	0	0	0	2	2
other powered crane			5		6		11	7	3	12	7	11	8	8	6	5	3	3	0	4	2	0	1
truck			41		43		39	36	46	27	34	21	33	32	27	27	28	23	30	35	16	17	23





other welding equipment			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	1	0
industrial dryer			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other kiln, caldron			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
transmission			0	1	1	1	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0
electric power facilities			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes			0	1	1	1	1	0	2	0	2	0	0	1	1	1	1	3	0	1	3	
human power hauling equipment			0	0	0	0	0	0	1	3	1	0	0	0	0	1	0	0	0	0	2	
human power machine			4	0	2	1	5	2	0	2	1	0	1	0	2	2	2	0	0	0	2	
hand tool			160	151	101	82	68	63	56	72	80	53	37	29	26	31	26	28	24	21	21	
ladder			48	47	36	43	26	30	23	26	24	32	22	15	13	16	14	25	12	9	17	
slinging tool			4	11	6	8	3	5	6	2	2	4	3	3	4	2	3	2	1	5	1	
other tools			38	32	31	24	22	20	13	22	19	9	23	14	14	14	11	10	15	21	3	
other equipment, facilities			8	1	1	2	6	4	3	2	2	3	3	3	2	4	0	5	2	2	1	



other hazards, harmful substances			0	2	2	0	1	0	0	1	1	1	0	0	0	0	0	0	1	0	2
metal material			11	10	9	8	13	5	10	6	9	9	7	2	5	9	2	1	3	4	5
lumber, bamboo			162	142	167	142	138	102	97	114	116	97	112	86	81	85	59	78	54	63	52
stone, sand, substance			12	4	11	8	4	2	4	11	11	7	8	8	2	1	4	7	7	9	2
other materials			2	2	1	1	5	0	0	1	0	2	1	0	2	1	0	2	0	0	1
load			8	7	6	6	2	6	3	5	4	7	10	6	4	4	4	11	4	3	2
machine/equipment as load			1	1	1	0	1	1	0	2	1	1	0	0	0	1	1	0	1	0	0
natural ground, rock			320	335	197	213	192	245	232	210	205	181	167	152	183	148	144	139	134	117	137
standing tree			983	893	787	710	800	768	864	892	835	671	628	600	612	579	504	473	470	469	439
water			0	2	1	1	2	0	1	0	6	0	0	0	2	0	1	1	0	0	1
abnormal environment			0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1
high/cold temperature environment			9	6	4	6	4	4	2	6	7	9	8	9	7	14	7	5	7	7	7
other environments			68	82	54	46	44	57	63	68	45	56	50	39	41	42	43	38	31	51	37
other causal agent			23	21	6	4	17	10	17	9	16	8	17	14	10	7	9	10	4	11	4
no causal agent			29	16	24	20	24	23	31	21	28	16	19	16	15	18	21	20	22	24	22



30-49	389	350	361	354	395	358	306	291	267	265	280	317	277	206	190	199	223	170	152	170	160	166	147
50-99	264	293	264	275	275	269	208	174	193	184	225	245	230	201	154	109	133	115	68	77	71	72	85
100-299	115	89	95	79	70	68	48	46	48	46	34	48	45	42	26	30	26	31	27	28	24	21	21
300 workers or more	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	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	1,235

### Month of industrial accidents in forestry in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
January	232	219	174	190	197	179	190	155	199	179	152	154	187	173	123	156	126	100	108	113	118	91	90
February	246	242	239	225	226	255	174	171	176	188	219	193	188	165	127	113	124	148	121	122	96	116	109
March	273	292	247	242	229	239	204	192	191	191	201	208	195	195	179	116	148	163	111	122	102	107	108
April	268	228	220	200	190	166	192	157	173	187	171	181	159	140	135	148	126	115	89	111	110	108	88
May	277	255	237	192	220	196	178	149	154	166	175	186	164	142	138	110	145	119	96	101	105	101	94
June	256	243	267	258	191	208	190	181	180	182	191	209	188	140	135	141	119	129	102	106	107	101	101
July	289	282	269	262	284	232	218	183	175	199	183	203	176	169	150	154	129	137	106	107	103	102	106
August	261	288	260	224	257	213	217	171	195	164	195	204	198	158	135	107	126	124	104	103	82	102	92
September	254	251	238	237	305	245	217	210	185	228	212	212	182	159	142	149	130	114	118	122	125	110	90
October	308	285	314	284	327	240	209	223	234	208	221	224	215	177	161	153	159	143	111	104	116	110	147
November	274	250	290	257	216	266	234	214	237	187	221	213	201	142	170	131	160	158	128	121	95	128	114

December	253	248	219	228	232	257	142	184	201	178	165	176	171	137	128	133	127	111	120	110	89	99	96
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	1,235

Prefecture of industrial accidents in forestry in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hokkaido	250	191	203		210		203	169	183	157	158	158	125	129	116	120	102	125	99	90	102	81	74
Aomori	73	42	35		21		21	19	30	26	35	32	31	26	29	24	21	25	23	21	30	20	21
Iwate	82	89	86		78		58	64	82	59	77	79	72	68	61	71	55	60	56	41	44	48	44
Miyagi	40	42	38		31		39	42	45	40	43	30	33	40	35	33	28	37	29	32	26	31	33
Akita	71	61	64		58		39	44	43	44	42	65	53	42	38	38	46	40	34	39	41	39	37
Yamagata	34	28	25		31		27	23	23	30	21	23	20	21	23	25	22	21	7	12	15	9	12
Fukushima	49	63	49		62		37	36	44	51	37	52	41	29	34	32	24	45	25	38	29	28	34
Ibaraki	14	10	14		9		7	7	8	13	8	19	11	11	11	14	14	11	12	13	11	17	9
Tochigi	28	29	34		36		27	28	30	32	29	18	23	17	19	29	24	21	13	20	6	18	19
Gunma	56	45	50		61		31	38	43	37	35	57	38	33	24	22	37	30	27	22	18	26	24
Saitama	14	24	22		18		13	8	10	15	14	14	16	9	6	14	6	4	11	7	5	7	3
Chiba	18	17	13		10		12	8	8	12	11	11	8	16	9	3	6	10	4	5	2	5	10
Tokyo	24	33	32		13		19	24	21	11	11	24	16	20	18	6	15	9	8	9	6	4	5
Kanagawa	24	20	17		11		11	15	11	23	18	21	18	12	18	7	12	16	11	17	13	19	15
Niigata	63	49	32		38		25	30	23	28	27	17	26	15	20	15	16	14	14	19	14	13	14

Toyama	22	17	20		25		18	22	14	21	22	23	18	13	7	7	3	9	7	7	4	10	5
Ishikawa	40	49	46		36		33	21	26	32	29	29	16	26	22	15	22	11	15	19	13	14	19
Fukui	41	45	49		35		28	25	28	31	20	30	31	15	22	21	15	19	18	11	11	16	14
Yamanashi	27	39	35		30		19	27	25	20	32	16	29	27	20	17	19	23	12	11	14	14	14
Nagano	93	81	80		101		60	84	63	66	81	90	71	60	64	58	61	44	37	40	40	48	47
Gifu	124	121	135		125		110	108	107	121	93	97	75	56	64	64	61	60	55	68	51	44	43
Shizuoka	78	84	98		79		77	61	64	75	58	68	93	58	49	44	52	42	35	59	27	39	52
Aichi	51	34	40		35		26	25	27	28	27	36	36	17	26	27	18	12	20	13	10	19	12
Mie	170	137	154		108		103	84	73	82	102	106	74	70	47	44	36	54	36	35	26	41	35
Shiga	31	43	32		34		19	24	12	23	36	41	28	21	17	14	10	4	11	15	5	3	8
Kyoto	64	58	92		69		57	63	65	55	51	48	53	60	40	38	37	36	26	30	26	23	20
Osaka	21	8	17		33		10	8	12	12	14	7	13	3	8	6	5	6	4	3	4	2	3
Hyogo	69	77	82		71		64	56	70	67	83	57	51	49	46	35	46	35	43	27	33	37	35
Nara	168	142	109		104		72	86	65	55	71	63	57	59	46	48	41	35	30	38	32	39	21
Wakayama	114	111	102		138		115	80	96	91	101	89	75	62	62	53	51	56	50	48	55	33	39
Tottori	48	58	45		41		30	24	19	30	31	33	32	34	28	24	27	20	16	18	13	24	16
Shimane	87	100	79		68		58	59	56	55	72	66	79	56	50	64	53	46	39	23	37	34	34
Okayama	109	100	106		90		100	82	82	77	64	63	79	62	48	33	55	47	31	34	34	34	38
Hiroshima	138	111	115		104		75	63	80	59	70	67	75	52	55	43	66	59	41	37	30	34	40
Yamaguchi	63	81	70		78		72	53	52	53	73	60	66	59	32	39	33	32	24	27	26	21	20
Tokushima	62	86	69		53		38	47	42	37	46	51	45	45	30	26	31	32	23	31	8	18	19



Kagawa	27	24	23		30		19	16	22	12	11	14	29	12	6	15	19	13	7	13	11	9	4
Ehime	72	80	92		98		77	50	61	56	58	65	70	54	51	48	29	36	35	30	40	31	24
Kochi	157	156	131		149		142	118	135	128	110	134	119	102	78	93	89	83	71	61	63	79	70
Fukuoka	56	65	80		59		64	48	54	45	44	54	47	49	42	32	31	33	28	19	24	31	31
Saga	21	15	15		22		13	18	18	24	24	23	16	11	17	17	16	14	11	11	11	12	11
Nagasaki	23	21	27		24		15	11	23	19	14	21	17	20	16	10	15	7	14	12	12	9	6
Kumamoto	97	95	73		72		59	51	64	71	57	53	64	63	49	43	58	41	34	42	46	33	32
Oita	67	80	65		64		55	66	58	59	70	49	59	46	61	46	40	54	53	53	35	29	43
Miyazaki	137	137	109		127		84	89	91	106	84	106	111	93	105	84	99	71	67	73	88	77	73
Kagoshima	67	83	64		81		77	64	86	65	88	76	65	55	53	46	50	57	48	48	57	51	53
Okinawa	7	2	6		4		7	2	6	4	4	8	0	0	1	4	3	2	0	1	0	2	0
total	3,191	3,083	2,974		2,874		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	1,235

Industrial accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

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

Return to [https://www.jisha.or.jp/english/statistics/2021em\\_industry.html](https://www.jisha.or.jp/english/statistics/2021em_industry.html)

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 Fatal accidents in forestry in Japan in 1999-2021





mobile silviculture machine																	4	5	5	3	3	6	2
crane	4	6	5	6	2	3	4	5	1	1	3	3	1	1	2	3	0	1	2	0	0	1	0
conveying machine	5	1	3	2	6	4	3	4	2	5	2	4	3	2	1	3	0	2	3	1	3	2	0
vehicle	0	0	1	2	1	2	0	3	0	0	1	1	0	1	0	0	0	1	0	0	3	0	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	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	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	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	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	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	0
tools	1	1	0	0	3	2	1	0	1	0	2	0	0	1	1	1	2	1	1	0	1	0	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	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	1
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	0
materials	1	3	2	3	0	0	0	1	2	1	0	2	0	1	1	0	1	1	0	2	1	0	0
load	0	1	0	0	0	0	1	0	2	0	0	0	1	0	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	26
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	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	0
unclassifiable	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1





industrial robot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other general power machines	1	5	1	3	2	0	2	2	1	2	1	3	0	0	1	0	0	0	0	0	0	0	0
felling machine																	1	2	4	0	3	3	2
mobile logging machine																	2	3	1	3	0	3	0
skyline yarding machine																	1	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mobile crane	0	0	1	2	1	0	1	0	0	1	0	2	0	0	2	0	0	0	1	0	0	0	0
derrick crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
elevator, lift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cargo lifting appliance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
gondola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumberyard equipment, logging cableway	3	6	4	4	1	3	3	5	1	0	3	0	1	1	0	3	0	1	1	0	0	1	0
simple skyline yarding equipment																	0	0	0	0	0	0	0
other powered crane	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
truck	1	0	1	0	2	1	0	1	0	2	0	1	1	0	0	0	0	0	2	1	2	1	0
forklift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

railway equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
conveyor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
straddle carrier	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rough terrain hauler	2	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	1	0	0
other powered conveying machines	2	1	2	2	4	2	3	3	2	3	1	3	2	2	1	2	0	0	0	0	0	0	0	0
cars, bus, motorcycle	0	0	1	2	1	2	0	3	0	0	1	1	0	1	0	0	0	1	0	0	3	0	0	0
railway vehicle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other vehicles	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
boiler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0
other pressure vessels	0	0	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	0	0
gas welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment	0	0	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	0	0
industrial dryer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
transmission	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0





other temporary buildings, establishments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosive substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
radiation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other 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	0	0
metal material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumber, bamboo	1	3	2	3	0	0	0	1	2	1	0	2	0	1	1	0	1	1	0	2	1	0	0	0
stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	5	5	5	3	8	3	2	3	5	3	6	7	3	4	6	1	4	5	1	3	1	3	3	3
standing tree	44	29	30	26	29	28	30	34	32	28	24	35	23	22	20	34	24	22	28	20	19	22	21	21
water	0	0	0	0	0	0	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	1
abnormal environment	0	0	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	0	0



10-29	20	15	11	13	21	13	12	13	15	15	12	11	13	10	8	10	12	10	11	9	11	9	6
30-49	4	8	8	3	4	4	3	3	4	2	7	8	1	2	6	5	3	6	1	4	5	0	3
50-99	4	6	2	2	0	3	3	2	2	1	2	2	2	2	2	6	1	2	2	1	0	1	4
100-299	1	0	2	0	0	0	2	2	0	2	1	2	1	1	0	1	1	0	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	0
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36	30

### Month of fatal accidents in forestry in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
January	3	4	10	3	4	0	5	6	3	4	5	3	3	3	7	7	4	1	6	7	0	3	1
February	5	5	2	6	8	3	11	3	3	3	9	5	4	3	1	3	4	3	1	3	3	4	6
March	9	2	2	3	6	5	2	8	5	5	5	8	9	4	3	3	0	6	5	3	1	4	2
April	7	5	6	3	3	1	5	3	5	5	0	5	2	3	2	3	4	1	4	0	8	5	3
May	8	5	2	3	2	2	4	2	9	3	2	6	3	2	3	1	1	2	1	1	4	4	1
June	5	3	4	5	5	3	4	5	3	3	3	3	2	3	3	6	1	3	4	1	2	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	5
August	6	6	1	8	7	4	5	5	3	3	3	6	4	4	2	0	2	3	2	3	1	0	1
September	5	4	5	1	6	6	4	5	2	3	2	2	1	5	4	4	8	3	3	5	4	4	2
October	3	6	6	8	5	6	3	5	2	5	3	8	2	3	4	2	4	3	3	2	1	2	4
November	8	3	4	3	3	4	1	3	4	5	5	6	6	2	4	7	5	9	5	3	0	2	1

December	7	1	4	4	1	8	2	5	6	3	2	2	3	3	3	2	2	5	2	1	3	4	2
total	71	53	54	49	61	46	47	57	50	43	43	59	43	37	39	42	38	41	40	31	33	36	30

Prefecture of fatal accidents in forestry in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Hokkaido	8	5	6	7	7	5	11	6	5	8	1	11	5	4	4	4	4	5	5	6	8	4	1
Aomori	2	1	1	1	0	2	1	2	1	1	0	1	1	0	0	0	0	0	3	0	2	1	2
Iwate	5	2	4	1	1	4	0	4	3	2	4	4	5	1	3	0	3	3	4	2	0	4	5
Miyagi	1	2	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0	1	0	1	1	2	0
Akita	3	3	0	7	4	0	3	2	3	1	1	0	0	3	3	0	3	1	1	3	0	3	1
Yamagata	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	3	0	0	1	1	0	0
Fukushima	2	1	2	1	0	2	1	1	0	1	2	1	0	1	3	2	1	1	0	1	1	1	2
Ibaraki	0	0	0	3	0	0	2	1	0	0	0	1	0	0	0	0	0	0	1	0	0	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	0
Gunma	0	0	1	1	0	2	1	0	1	0	1	3	0	2	0	0	0	1	1	2	0	1	0
Saitama	0	1	1	1	0	0	0	0	0	0	1	1	0	1	1	0	0	0	1	1	0	1	0
Chiba	1	0	0	1	0	1	0	0	1	0	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	0
Kanagawa	0	0	1	0	1	0	0	0	0	1	2	0	0	0	0	0	0	1	0	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	0

Toyama	1	0	0	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0
Ishikawa	1	1	2	1	1	0	2	0	0	1	0	3	0	0	0	1	1	0	0	1	0	0	1
Fukui	2	1	0	0	0	0	0	1	1	2	1	0	1	1	2	0	0	0	1	2	0	0	1
Yamanashi	0	1	0	2	2	0	1	1	0	0	0	0	1	1	0	1	2	1	0	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	0
Gifu	1	1	1	1	3	1	1	1	0	0	2	2	0	0	0	0	2	1	3	0	1	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	1
Aichi	0	0	1	0	0	0	1	1	0	1	0	0	1	0	1	0	1	1	3	0	0	0	1
Mie	3	1	3	1	2	1	1	2	1	3	1	1	0	2	2	0	0	3	1	1	1	0	0
Shiga	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	1	0	0
Kyoto	1	0	0	0	2	1	0	1	1	0	2	1	0	1	1	1	1	1	0	0	0	0	1
Osaka	0	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0
Hyogo	1	1	3	2	0	1	0	2	2	1	0	2	1	0	1	3	0	0	0	1	0	1	0
Nara	8	0	2	1	2	2	0	2	4	2	1	1	1	0	0	0	1	0	1	1	0	1	0
Wakayama	2	1	3	1	2	1	0	2	1	0	1	1	0	0	0	2	0	1	0	0	0	1	2
Tottori	0	1	0	0	1	1	1	1	0	0	0	0	2	0	0	1	2	0	0	0	0	1	0
Shimane	1	3	0	2	2	0	1	1	1	0	2	3	2	1	0	1	0	1	1	0	1	0	0
Okayama	2	3	4	1	1	2	4	1	1	1	1	0	0	2	0	0	2	1	0	1	1	0	0
Hiroshima	3	0	2	0	0	2	2	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	1
Yamaguchi	0	2	1	1	0	1	1	2	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0
Tokushima	1	1	0	0	1	1	0	1	1	0	2	3	2	0	0	2	0	0	1	0	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	0
Ehime	0	1	1	1	2	1	0	2	2	0	2	2	2	3	0	0	0	2	1	0	0	0	1
Kochi	3	0	1	1	3	4	0	1	4	0	3	1	1	1	1	4	0	1	3	1	0	3	1
Fukuoka	0	0	1	0	1	1	1	1	1	0	0	1	1	1	0	3	0	0	1	0	0	2	0
Saga	0	0	0	0	0	0	0	1	1	1	2	1	1	0	0	1	0	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	0
Kumamoto	4	2	2	0	1	1	0	0	2	2	1	1	2	2	2	3	1	1	0	0	2	0	3
Oita	2	3	0	1	1	0	2	3	1	2	1	0	1	2	0	0	1	1	0	1	2	1	0
Miyazaki	2	2	1	3	6	0	3	3	5	3	3	4	2	0	6	4	3	3	5	1	5	1	2
Kagoshima	1	4	0	1	3	1	2	1	2	2	1	0	1	3	3	1	3	5	1	1	1	2	3
Okinawa	0	0	0	0	0	1	1	0	0	0	0	1	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	30

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

Return to [https://www.jisha.or.jp/english/statistics/2021em\\_industry.html](https://www.jisha.or.jp/english/statistics/2021em_industry.html)