Fatal and non-fatal accidents in other forestry in Japan in 1999-2022

other forestry industry Code No.060209

Type of accidents in other forestry in 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
fall from height	124	120	126	120	114	125	92	86	85	89	90	90	85	71	65	63	64	61	55	65	55	46	52	54	1,997
falling to same level	189	175	186	161	187	129	91	97	91	96	112	91	97	71	76	61	68	62	48	58	48	49	48	62	2,353
crash	31	34	26	25	23	15	22	29	24	19	15	17	17	17	18	12	8	9	16	13	8	17	12	17	444
struck by flying or falling object	147	170	157	164	176	153	141	117	121	131	171	151	128	113	98	84	96	82	80	79	60	67	50	55	2,791
collapse	32	18	33	34	35	34	25	20	29	28	39	37	26	24	18	17	24	17	12	12	9	16	11	11	561
crashed by	124	136	165	166	156	156	146	100	149	144	157	168	178	139	107	95	95	96	68	76	76	97	81	76	2,951
caught in/between	53	41	40	47	48	36	37	38	37	36	30	46	35	23	39	27	16	24	23	23	22	25	26	21	793
cut	417	423	437	414	407	381	300	249	294	270	319	287	246	201	159	151	137	114	112	83	99	86	91	64	5,741
injury to the sole of the foot	4	2	3	3	2	6	2	1	4	1	4	2	1	2	3	1	1	5	1		4		2	1	55
drown							1																1		2
contact to high/low-temperature	3	4	6	2	5	3	4	4	3	3	1	6	7	6	5	5	6	8	7	3	2	3	5	2	103

contact to harmful substance		7	2		1	1	3				1	1	1		1		3	1	1	1	1	2	3	3	33
electric shock							1											1			1				3
explosion		1																							1
burst																									
fire	2								1		2											1			6
traffic accident (public road)	21	6	12	6	13	8	11	10	4		2	22	8	13	4	4	7	5	5	1	11	4	4	2	183
traffic accident (others)										2				3											5
reaction to motion/improper motion	41	38	44	46	34	33	24	25	27	24	28	30	39	18	22	30	29	21	23	20	27	26	18	27	694
others	29	36	31	19	29	24	16	9	13	15	25	20	16	16	20	14	10	6	6	10	9	11	4	14	402
unclassifiable		3	6	3	3	2			2	1	1			1		1	1					1			25
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Causal agents (large) of fatal and non-fatal accidents in other forestry in 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
machine	366	375	404	401	385	360	293	243	288	293	326	306	247	222	174	161	164	155	133	115	139	133	126	95	5,904
crane, conveying	69	45	52	40	47	45	55	42	38	30	39	52	41	42	27	36	24	22	18	20	20	13	18	21	856

machine																									
other equipment	168	145	143	130	132	118	101	90	74	57	48	74	68	51	49	34	27	31	30	40	28	26	17	24	1,705
temporary buildings, establishments	43	41	50	35	50	45	27	42	37	32	33	27	20	24	21	25	15	16	10	24	15	17	23	30	702
substance, material	70	80	56	72	63	62	59	47	44	29	40	45	52	47	40	27	31	28	25	24	18	21	18	33	1,031
load	1	4	7	5	3		3	2		3		2	2	2	4	2	2	2	4	3	3	1	1	1	57
environment	471	495	526	498	525	450	360	306	382	404	483	442	427	320	305	262	287	251	224	206	195	223	199	192	8,433
others	29	29	36	29	28	26	18	13	21	11	28	20	27	10	15	18	15	7	13	12	14	17	6	13	455
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Causal agents (middle) of fatal and non-fatal accidents in other forestry in 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
engine																									
power transmission mechanism	1				1					1					1			2				1			7
woodworking machine	204	228	273	236	230	230	184	157	203	204	231	222	188	144	118	112	108	83	88	75	74	70	69	57	3,788
construction machine	7	7	6	12	11	7	9	11	11	11	9	9	13	10	9	10	11	12	3	5	12	2	7	5	209

metal manufacturing machine	5	4	3	2	2			1	3	1	1	2	1	1						1			1		28
general machine	149	136	122	151	141	123	100	74	71	76	85	73	45	67	46	39	30	44	36	24	35	38	36	19	1,760
mobile silviculture machine																	15	14	6	10	18	22	13	14	112
crane	13	10	7	5	10	11	18	9	8	7	13	8	9	6	4	9	5	7	3	3	2	2	4	4	177
conveying machine	52	28	37	32	26	24	26	22	23	18	21	21	27	20	19	24	14	8	13	16	9	7	11	15	513
vehicle	4	7	8	3	11	10	11	11	7	5	5	23	5	16	4	3	5	7	2	1	9	4	3	2	166
pressure vessel																									
chemical facilities																									
welding equipment												1													1
kiln, caldron																		1							1
electric equipment																		1							1
human power machine, tools	115	101	92	86	83	70	65	54	45	35	30	47	45	27	20	19	14	16	17	18	15	8	14	14	1,050
tools	50	40	48	41	48	47	36	35	27	22	16	26	21	21	27	13	12	11	13	19	12	16	3	10	614
other equipments, facilities	3	4	3	3	1	1		1	2		2		2	3	2	2	1	2		3	1	2			38
temporary																									

buildings, establishments	43	41	50	35	50	45	27	42	37	32	33	27	20	24	21	25	15	16	10	24	15	17	23	30	702
hazards, harmful substances	1	11	2		2	1	1					2	2			1					1	1	2	1	28
materials	69	69	54	72	61	61	58	47	44	29	40	43	50	47	40	26	31	28	25	24	17	20	16	32	1,003
load	1	4	7	5	3		3	2		3		2	2	2	4	2	2	2	4	3	3	1	1	1	57
natural environment	471	495	526	498	525	450	360	306	382	404	483	442	427	320	305	262	287	251	224	206	195	223	199	192	8,433
other causal agent	13	11	16	7	14	8	4	2	8	6	9	8	9	5	8	7	6	2	5	3	3	4	1	4	163
no causal agent	16	14	11	18	10	12	13	11	12	5	16	11	17	5	7	9	8	5	8	9	11	13	5	9	255
unclassifiable		4	9	4	4	6	1		1		3	1	1			2	1								37
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Causal agents (small) of fatal and non-fatal accidents in other forestry in 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
engine																									
power transmission mechanism					1					1					1			2				1			6
circular sawing machine			14		6		3		5	3	1	3	2	3					3	2	2		1		48
band sawing machine			1		1															1					3

wood planer machine					1		2	2			1								1				1		8
hollow chisel mortiser, wood borer			3				1																		4
chamfering machine, router, woodworking milling machine								1							1								1		3
chain saw			176		180		145	135	175	161	188	195	158	122	97	96	96	75	72	65	67	62	57	51	2,373
other woodworking machines			79		42		33	19	23	40	41	24	28	19	20	16	12	8	12	7	5	8	9	6	451
leveling, transporting or loading machine			2		1		4	2	3	5	1	1	3		1	2	1	5		1	6		1		39
excavating machine			3		9		5	4	3	3	1	3	6	5	5	3	4	6	2	3	2	2	4	5	78
foundation work machine																									
hardening machine															1		1								2
demolition machine															1		2				1				4
vehicle for high lift work					1										1	1	1	1			3		2		10
other construction																									

machines			1					5	5	3	7	5	4	5		4	2		1	1					43
lathe																									
drill press, milling machine														1											1
grinding machine, buffing machine													1							1					2
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines			3		2			1	3	1	1	2											1		14
centrifugal machine																									
mixer, grinder					1																				1
roll machine (except printingroll machine)																									
injection molding machine																									
food manufacturing machine																									

printing machine																									
industrial robot																				1					1
other general power machines			122		140		100	74	71	76	85	73	45	67	46	39	30	44	36	23	35	38	36	19	1,199
felling machine																	6	5	3	5	8	16	7	11	61
mobile logging machine																	3	5	1	2	4	5	2	1	23
skyline yarding machine																	5	1	1	2	6		3	1	19
other mobile silviculture machine																	1	3	1	1		1	1	1	9
crane								1	1											1				1	4
mobile crane			4		5		9	3	1	3	5	5	1	2	2	5	2	2	3		1	2	2	1	58
derrick crane																									
elevator, lift																									
cargo lifting appliance																									
gondola																									
lumberyard equipment, logging cableway			3		5		6	3	6	2	5	2	5	3		2	1	4		2	1		1	2	53
simple skyline yarding equipment																	1						1		2

other powered crane							3	2		2	3	1	3	1	2	2	1	1							21
truck			21		22		17	12	13	6	14	9	16	8	12	7	9	4	9	14	4	4	9	13	223
forklift			4				1		1							1		1	2		1		1		12
railway equipment																									
conveyor			1				1			1	1				1		1	1		1		1			9
loader			1							1	1								1						4
straddle carrier																									
rough terrain hauler							1			1		2				1		2			2				9
other powered conveying machines			10		4		6	10	9	9	5	10	11	12	6	15	4		1	1	2	2	1	2	120
cars, bus, motorcycle			8		11		11	11	6	3	5	23	5	16	4	3	5	7	2	1	9	4	3	2	139
railway vehicle																									
other vehicles									1	2															3
boiler																									
pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment												1													1

arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																		1							1
transmission																		1							1
electric power facilities																									
other electrical equipment																									
human power cranes							1		1		1					1	1	1		1					7
human power hauling equipment												3	1												4
human power machine			1				1		3	1			1		1		1	1					1	2	13
hand tool			91		83		63	54	41	34	29	44	43	27	19	18	12	14	17	17	15	8	13	12	654
ladder			36		32		25	27	20	17	11	17	14	17	14	11	6	8	8	13	8	7	2	9	302
slinging tool					2		1	2							2		1		1	1		2			12
other tools			12		14		10	6	7	5	5	9	7	4	11	2	5	3	4	5	4	7	1	1	122

other equipment, facilities			3		1			1	2		2		2	3	2	2	1	2		3	1	2			27
scaffolding			2					1						1		1									5
timbering																									
stairs, landing stage			3		2		1	2	3	3		2	1						2	1	1	2	1	1	25
opening					1									1				1		1				1	5
roof, beam, haze, crossbeam, principal rafter			2		2								1	2		2					1		1	1	12
working platform, boot board			10		17		3	10	6	6	6	10	3	3	7	5	3	4	2	6	4		1	3	109
passage			26		18		19	22	20	16	22	14	13	11	11	9	8	9	4	11	8	11	14	19	285
building, establishment			3		6		3	2	6	4	4	1		5	3	2	4	1	2	3		3	5	2	59
other temporary buildings, establishments			4		4		1	5	2	3	1		2	1		6		1		2	1	1	1	3	38
explosive substance																									
inflammable substance					1							1				1						1			4
inflammable gas																									
harmful substance			2				1						1												4
radiation																									

other hazards, harmful substances					1							1	1								1		2	1	7
metal material			7		8		4	2	5	3	4	3	6	6	5		1	5	1	1	2		1	1	65
lumber, bamboo			43		50		46	40	35	26	35	38	39	36	31	23	28	22	22	21	13	15	13	31	607
stone, sand, substance			3		3		7	5	2		1	2	5	4	4	3			2		2	5	1		49
other materials			1				1		2					1			2	1		2			1		11
load			6		3		3	2		2		1	2	2	4	2	2	2	4	3	2	1	1	1	43
machine/equipment as load			1							1		1									1				4
natural ground, rock			152		146		68	85	78	95	98	84	90	67	74	60	65	56	56	50	58	46	54	35	1,517
standing tree			329		330		259	198	276	279	346	325	304	222	198	183	191	170	141	134	125	154	129	126	4,419
water					1		1				1						1			1			1		6
abnormal environment									1				1										1		3
high/cold temperature environment			7		5		3	5	3	2		4	6	5	4	4	4	6	7	3	2	2	5	3	80
other environments			38		43		29	18	24	28	38	29	26	26	29	15	26	19	20	18	10	21	9	28	494
other causal agent			16		14		4	2	8	6	9	8	9	5	8	7	6	2	5	3	3	4	1	4	124
no causal agent			11		10		13	11	12	5	16	11	17	5	7	9	8	5	8	9	11	13	5	9	195

unclassifiable			9		4		1		1		3	1	1			2	1								23
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Workers age of fatal and non-fatal accidents in other forestry in 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
19 years old or less	18	19	22	29	10	8	12	4	5	7	12	9	9	14	6	7	10	10	7	7	5	7	10	3	250
20-29	100	123	147	134	139	117	96	68	97	88	116	116	89	75	69	52	52	46	40	45	43	52	46	53	2,003
30-39	126	121	142	134	186	146	150	131	141	163	195	172	149	121	130	112	104	116	88	83	92	72	79	57	3,010
40-49	166	173	174	169	169	165	131	122	131	118	165	154	158	143	116	111	111	109	88	87	85	103	94	108	3,150
50-59	269	224	242	267	272	258	205	192	227	198	228	210	192	154	135	109	110	100	94	74	88	97	74	74	4,093
60 years old or more	538	554	547	477	457	412	322	268	283	285	281	307	287	211	179	174	178	131	140	148	119	120	105	114	6,637
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Workers' number of workplace of fatal and non-fatal accidents in other forestry in 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
9 workers or less	532	550	568	502	480	467	431	366	388	370	427	407	362	302	268	244	236	228	203	194	193	198	184	209	8,309
10-29	314	309	351	338	345	271	228	219	275	271	298	261	260	214	202	168	174	171	150	161	140	157	133	123	5,533
30-49	180	171	181	171	220	175	145	130	124	112	132	147	123	93	89	96	91	66	72	62	65	65	57	47	2,814
50-99	124	140	133	148	157	149	94	51	81	87	119	130	118	90	65	48	57	41	29	24	24	24	28	28	1,989

100-299	67	43	41	51	31	44	18	19	16	19	21	23	21	19	11	9	6	6	3	3	10	7	6	2	496
300 workers or more		1															1								2
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Month of fatal and non-fatal accidents in other forestry in 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
January	78	81	60	85	74	66	69	62	71	69	72	71	76	51	34	58	44	30	39	27	46	38	38	35	1,374
February	95	86	98	86	88	101	70	60	62	77	85	89	70	65	33	33	42	54	47	50	34	38	26	32	1,521
March	110	105	86	88	85	85	71	60	62	72	86	79	74	72	65	41	56	48	34	44	37	38	28	34	1,560
April	86	80	99	83	75	68	70	54	70	64	71	71	55	62	41	39	48	38	27	29	41	39	23	41	1,374
May	109	93	88	73	92	73	61	61	62	52	66	82	57	61	64	43	51	40	36	32	30	41	35	35	1,437
June	109	110	124	115	88	88	71	76	65	63	93	85	86	61	58	49	44	46	38	35	36	35	35	29	1,639
July	123	121	127	127	142	117	87	67	80	73	86	84	80	63	63	55	49	45	45	35	39	38	31	28	1,805
August	110	113	119	112	133	96	103	70	81	70	82	89	92	59	48	38	48	45	32	33	26	27	33	32	1,691
September	92	106	95	102	146	96	94	78	78	96	92	71	72	56	51	60	34	30	47	42	34	36	29	42	1,679
October	119	120	141	120	130	105	79	66	93	86	104	99	89	65	65	54	53	45	41	43	42	43	53	36	1,891
November	95	100	142	105	100	101	87	78	83	76	85	86	82	54	63	51	56	56	41	39	32	49	46	31	1,738
December	91	99	95	114	80	110	54	53	77	61	75	62	51	49	50	44	40	35	30	35	35	29	31	34	1,434
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Prefecture of fatal and non-fatal accidents in other forestry in 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
Hokkaido	81	77	85		76		67	45	74	85	67	62	55	59	52	46	31	40	44	46	50	40	20	30	1,232
Aomori	32	10	14		6		5	9	16	13	17	18	11	7	8	4	7	10	9	8	6	6	8	8	232
Iwate	21	36	25		21		13	17	15	16	26	15	10	11	10	12	11	4	10	9	12	18	8	19	339
Miyagi	8	20	10		11		12	11	11	12	15	7	5	7	13	8	10	12	11	6	7	7	4	2	209
Akita	29	20	17		17		11	6	14	9	7	16	7	11	7	12	8	4	5	1	3	3	6	6	219
Yamagata	7	6	7		9		10	11	9	11	8	6	9	7	10	8	5	6	2	6	5	4	3	4	153
Fukushima	13	29	14		24		14	8	16	11	10	7	8	9	10	10	9	16	4	12	10	11	11	12	268
Ibaraki	4	2	6		3		2	3	3	4	4	6	5	1	4	3	12	6	5	7	8	7	3	3	101
Tochigi	5	7	13		10		4	4	11	7	7	8	9	4	10	9	3	2	3	5	2	6	3	6	138
Gunma	19	17	24		28		12	14	15	12	18	15	14	13	7	4	14	8	6	6	3	9	4	2	264
Saitama	7	15	16		7		8	6	3	6	5	11	6	4	3	5	2	2	7	1	1			5	120
Chiba	9	8	6		2		10	3	1	6	8	4	5	6	2	2	1	1	1	1	1	1	4	2	84
Tokyo	21	27	26		11		17	18	14	10	10	22	15	18	12	2	13	8	4	7	6	1	1	5	268
Kanagawa	16	12	10		9		7	10	7	18	18	17	12	11	12	7	8	12	8	12	7	13	11	7	244
Niigata	20	17	12		21		13	14	9	8	9	5	10	7	9	12	7	6	8	13	9	9	7	7	232
Toyama	17	15	12		19		13	15	9	14	13	16	7	8	1	4	2	1	1	2	1	6		1	177
Ishikawa	31	33	31		24		29	15	21	27	29	25	14	20	21	12	21	6	7	14	8	8	10	7	413
Fukui	25	23	36		26		14	13	2	6	5	4	17		4	6	7	3	9	3	3	3	6	5	220
Yamanashi	18	26	28		19		10	15	12	8	20	12	20	11	9	10	9	12	5	3	5	6	4	5	267

Nagano	45	31	50		52		27	40	39	28	41	47	42	38	30	31	31	26	17	20	25	20	19	15	714
Gifu	32	28	50		61		46	23	36	45	62	48	27	31	18	16	25	22	19	16	18	15	17	9	664
Shizuoka	19	16	20		10		13	12	7	12	3	6	20	14	6	13	11	9	7	10	5	8	10	7	238
Aichi	18	9	24		23		13	12	16	17	16	20	19	9	15	14	7	4	6	5	5	5	6	13	276
Mie	83	69	64		50		43	30	26	25	48	29	28	24	15	16	12	15	10	10	5	18	13	10	643
Shiga	27	25	22		16		15	17	7	14	29	36	21	19	16	10	7	3	7	12	3	2	6	2	316
Kyoto	23	22	46		22		19	19	27	22	28	19	19	17	19	17	13	12	11	11	6	8	7	7	394
Osaka	10	6	14		31		7	4	9	4	11	5	10	2	3	2	2	2	1	3	3	2	3	5	139
Hyogo	35	49	35		28		29	14	34	41	43	35	29	35	30	17	25	16	25	11	18	22	23	19	613
Nara	48	58	39		42		31	35	19	23	18	11	5	10	9	11	10	5	5	13	4	8	3	7	414
Wakayama	20	10	25		68		53	33	48	32	26	17	16	17	22	11	12	13	9	4	19	9	24	22	510
Tottori	21	40	31		22		12	12	13	15	15	23	11	17	13	12	7	7	8	1	4	14	5	2	305
Shimane	64	62	49		43		34	33	30	37	44	49	56	28	25	39	31	20	22	10	20	19	16	8	739
Okayama	80	35	32		29		32	28	25	19	42	48	31	25	16	13	12	12	8	7	8	7	6	4	519
Hiroshima	56	42	63		64		26	32	46	33	40	51	41	38	33	27	37	49	28	23	20	21	21	30	821
Yamaguchi	45	46	48		59		59	29	34	41	50	31	51	30	20	19	23	20	16	21	18	10	11	16	697
Tokushima	17	22	29		24		10	20	16	14	7	13	14	13	7	9	8	6	8	6	1	3	6	7	260
Kagawa	18	17	13		28		17	15	22	9	11	12	27	12	6	12	17	13	7	11	11	9	3	7	297
Ehime	20	22	23		15		10	15	12	8	10	52	60	32	27	17	3	18	19	14	20	19	16	5	437
Kochi	15	41	47		19		42	30	37	31	42	30	23	25	24	29	23	14	15	16	11	20	20	16	570
Fukuoka	17	38	44		39		35	19	32	24	26	32	23	21	13	10	9	14	7	7	8	11	12	12	453

Saga	6	7	5		6		5	7	3	5	2	1	1					2	2	1		2	5	1	61
Nagasaki	20	8	12		20		9	7	14	11	9	8	8	8	7	3	8	6	7	12	8	7	4	11	207
Kumamoto	30	26	24		9		9	9	10	12	8	11	15	3	9	4	10	5	6	6	7	2	8	4	227
Oita	21	28	23		29		5	14	5	12	11	12	12	9	14	1	7	7	3	8	8	3	13	10	255
Miyazaki	23	29	29		39		16	14	19	10	27	19	20	16	18	22	24	16	16	16	16	21	10	13	433
Kagoshima	14	26	17		38		21	23	35	28	28	19	16	11	15	12	9	15	19	7	14	7	8	11	393
Okinawa	7	2	4		4		7	2	1	4	4	8			1	2	2	2		1		1			52
total	1,217	1,214	1,274	1,210	1,233	1,106	916	785	884	859	997	968	884	718	635	565	565	512	457	444	432	451	408	409	19,143

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

==========

Fatal accidents in other forestry in Japan in 1999-2022

other forestry industry Code No.060209

Type of fatal accidents in other forestry in 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
fall from height	4	2	6	1	3	1	2	3	2	3	5	3		4	4		2	4		2	3	3	2	2	61
falling to same level		1						1		1	1				1								1		6
crash													1												1
struck by flying or falling object	2		3	1	1		1	2	1	1	1	2	3	4		4	1		1			1	1		30
collapse			2		3		2	3	2	2	2	4		1		3	2	1	2		3				32
crashed by	5	2	3	2	3	9	6	2		4	5	5	4	1	2	2	2	5	4	2	2	4	4		78
caught in/between				1		1		2				1	2	2	1	1		1				2			14
cut	1	4	2	4	2	2	1	1		2		3		1	1										24
injury to the sole of the foot																									
drown							1																1		2
contact to high/low-temperature	2		2		1							1	2	1	1										10
contact to harmful substance																									
electric shock							1																		1
explosion																									
burst																									
fire	1																								1
traffic accident (public	1		2	1	1	1							1								1				8

road)																									
traffic accident (others)														1											1
reaction to motion/improper motion																									
others				1	5	2					1	1	1		2		1								14
unclassifiable																									
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Causal agents (large) of fatal accidents in other forestry in 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
machine	1	6	3	4	2	2	2	2		2		3	1	2	3			2			1	2	1	1	40
crane, conveying machine	4		2	2	2	2	2	1		2		1	2	3		1		3			3				30
other equipment	1	1			1					1					1	1	2								8
temporary buildings, establishments	1													1									1		3
substance, material								1						1				1							3
load													1												1
environment	8	2	14	5	12	12	10	10	5	8	15	15	9	8	8	8	6	5	7	4	5	8	7	1	192
others	1		1		2							1	1												6

total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Causal agents (middle) of fatal accidents in other forestry in 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
engine																									
power transmission mechanism																									
woodworking machine			2	1		2						1		1											7
construction machine		1					1	1					1	1	2			1				1		1	10
metal manufacturing machine																									
general machine	1	5	1	3	2		1	1		2		2			1										19
mobile silviculture machine																		1			1	1	1		4
crane	2			1	1		1	1		1		1													8
conveying machine	2		1				1			1			2	2		1		2							12
vehicle			1	1	1	2								1				1			3				10
pressure vessel																									
chemical facilities																									
welding equipment																									
kiln, caldron																									

electric equipment																									
human power machine, tools										1															1
tools	1	1			1										1	1	2								7
other equipments, facilities																									
temporary buildings, establishments	1													1									1		3
hazards, harmful substances																									
materials								1						1				1							3
load													1												1
natural environment	8	2	14	5	12	12	10	10	5	8	15	15	9	8	8	8	6	5	7	4	5	8	7	1	192
other causal agent	1				2							1	1												5
no causal agent			1																						1
unclassifiable																									
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Causal agents (small) of fatal accidents in other forestry in 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
engine																									

power transmission mechanism																										
circular sawing machine																										
band sawing machine																										
wood planer machine																										
hollow chisel mortiser, wood borer																										
chamfering machine, router, woodworking milling machine																										
chain saw			1			1						1		1												4
other woodworking machines			1	1		1																				3
leveling, transporting or loading machine		1						1					1					1								4
excavating machine							1																1		1	3
foundation work machine																										
hardening machine															1											1
demolition machine															1											1
vehicle for high lift work																										
other construction machines														1												1

lathe																									
drill press, milling machine																									
grinding machine, buffing machine																									
power press																									
forging pressure hammer																									
shearing machine																									
other metal manufacturing machines																									
centrifugal machine																									
mixer, grinder																									
roll machine (except printingroll machine)																									
injection molding machine																									
food manufacturing machine																									
printing machine																									
industrial robot																									

other general power machines	1	5	1	3	2		1	1		2		2			1										19
felling machine																					1		1		2
mobile logging machine																		1				1			2
skyline yarding machine																									
other mobile silviculture machine																									
crane																									
mobile crane				1			1			1		1													4
derrick crane																									
elevator, lift																									
cargo lifting appliance																									
gondola																									
lumberyard equipment, logging cableway	1				1			1																	3
simple skyline yarding equipment																									
other powered crane	1																								1
truck	1		1							1			1												4
forklift																		1							1
railway equipment																									
conveyor																									

loader																									
straddle carrier																									
rough terrain hauler	1																	1							2
other powered conveying machines							1						1	2		1									5
cars, bus, motorcycle			1	1	1	2								1				1			3				10
railway vehicle																									
other vehicles																									
boiler																									
pressure vessel																									
other pressure vessels																									
chemical facilities																									
gas welding equipment																									
arc welding equipment																									
other welding equipment																									
kiln, caldron																									
industrial dryer																									
other kiln, caldron																									
transmission																									
electric power facilities																									
other electrical																									

equipment																									
human power cranes																									
human power hauling equipment																									
human power machine										1															1
hand tool																									
ladder	1	1															1								3
slinging tool																									
other tools					1										1	1	1								4
other equipment, facilities																									
scaffolding	1																								1
timbering																									
stairs, landing stage																									
opening																									
roof, beam, haze, crossbeam, principal rafter																									
working platform, boot board																									
passage														1									1		2
building, establishment																									

other temporary buildings, establishments																									
explosive substance																									
inflammable substance																									
inflammable gas																									
harmful substance																									
radiation																									
other hazards, harmful substances																									
metal material																									
lumber, bamboo								1						1				1							3
stone, sand, substance																									
other materials																									
load													1												1
machine/equipment as load																									
natural ground, rock	1	2	3	1	3	2	1	3	2	1	3	3		1	2		1			2		1	1	1	34
standing tree	5		8	3	5	8	8	7	3	7	10	11	7	6	3	8	4	5	7	2	5	7	5		134
water							1																1		2
abnormal environment																									
high/cold temperature																									

environment	2		2		1							1	2	1	1										10
other environments			1	1	3	2					2				2		1								12
other causal agent	1				2							1	1												5
no causal agent			1																						1
unclassifiable																									
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Workers age of fatal accidents in other forestry in 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
19 years old or less	1																								1
20-29	1											2			1			2							6
30-39							1				2		3	1	1	1	1	1			1	1			13
40-49	1		1	1	5		1	2	1	1	3	1	1		2		1	2			3	1	4		31
50-59	3		6	2	5	7	3	1		3	3	4	4	1	2	3		1	2	1	3	3	1		58
60 years old or more	10	9	13	8	9	9	9	11	4	9	7	13	6	13	6	6	6	5	5	3	2	5	4	2	174
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Workers' number of workplace of fatal accidents in other forestry in 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
9 workers or less	4	3	10	8	7	6	7	9	3	7	7	12	8	7	6	5	5	5	6	2	5	7	5	1	145

10-29	7	2	4	2	9	4	4	4	1	5	6	2	4	4	4	2	3	2	1	1	2	3	2	1	79
30-49	1	3	3		3	3	2		1	1	2	4	1	2	1	2		4		1	2		2		38
50-99	3	1	2	1		3	1	1				1		1	1	1									16
100-299	1		1									1	1	1											5
300 workers or more																									
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Month of fatal accidents in other forestry in 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
January			3		3				2	3	1	3	1	2		2	2		2	2		1	1	1	29
February	1		2	1	1		4	1	1	1	3	1	1	1				2					1		21
March	2		2	1	1	1	2	3	1		3	4	3	1		2		1	1	1		1	1		31
April	3			1	1			1		2		1		1	1		2				2	1	1		17
May	3	2		2	1		1			2	1		2	1	2		1		1		1	2			22
June	1		2	4	1	2	2	1	1		1	1	2		1	1			1		2				23
July	3	3	5		4	2	1	1			1	1		1	3	1	1	1			3	1	1		33
August	1	3		1	5	2	2	2		2	1	4	2	1	1			2							29
September			2		1	3	1	2				2		3	3	1	1	1		1		1	1		23
October		1	2	1	1	1				1	2	2		1	1		1					1	2	1	18
November	1					2		1		1	2	1	3	2		2		4	1						20

December	1		2			3	1	2		1				1		1			1		1	2	1		17
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

Prefecture of fatal accidents in other forestry in 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
Hokkaido	4	2		1	1	1	2	3		3		1	3	1	3		3	1	2		5	3			39
Aomori										1											1				2
Iwate	1	1	1			2									1							2	1		9
Miyagi											1														1
Akita	1						1							1											3
Yamagata										1															1
Fukushima				1						1	1				1		1						2		7
Ibaraki				1			1																		2
Tochigi			1			1																			2
Gunma						1					1	1		2				1	1	1					8
Saitama			1								1	1													3
Chiba	1																								1
Tokyo		1	1									2												1	5
Kanagawa			1		1					1	2							1							6
Niigata			1									1									1				3
Toyama						1		1							1										3

Ishikawa	1		1		1		2			1		2				1	1			1					11
Fukui	1							1							1								1		4
Yamanashi		1		1	2								1			1									6
Nagano	1		1		2			2		1		2		1	3						1				14
Gifu				1	1		1	1			2							1					1		8
Shizuoka				2				1				1	3	1		1	1		1	1					12
Aichi								1											2				1		4
Mie			1									1		2	1										5
Shiga					1											2					1				4
Kyoto					1	1					2			1			1								6
Osaka						1			1	1	1											1			5
Hyogo			2	1		1		1	1			1				2				1		1			11
Nara	3		1			1				1															6
Wakayama			2		1																		1		4
Tottori					1		1																		2
Shimane		2		1			1				1	2	1	1				1							10
Okayama	1	1	1		1	1	2				1			1			1								10
Hiroshima			2			1				1				1				1					1		7
Yamaguchi			1	1		1							1												4
Tokushima	1				1											1									3
Kagawa							1									1									2

Ehime								1	1			2	2	2				2					1		11
Kochi						2					1							1	1			2			7
Fukuoka			1		1			1					1			1						1			6
Saga									1				1												2
Nagasaki	1											2						1							4
Kumamoto			1							1					1										3
Oita		1									1														2
Miyazaki				1	2			1	1				1											1	7
Kagoshima					2		1							1				1							5
Okinawa						1	1					1													3
total	16	9	20	11	19	16	14	14	5	13	15	20	14	15	12	10	8	11	7	4	9	10	9	2	283

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html