Fatal and non-fatal accidents in other lumber and wood products in Japan in 1999-2021

other lumber and wood products industry Code No.010409

Type of accidents in other lumber and wood products in 1999-2021

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	total	Type of accidents
fall from height	100	102	99	74	75	70	86	68	75	53	64	59	59	45	62	57	62	51	43	64	51	57	48	1,524	fall from height
falling to same level	96	86	86	58	73	70	67	76	58	48	57	40	40	55	44	45	40	48	58	49	46	47	40	1,327	falling to same level
crash	37	49	43	34	34	39	24	35	27	27	20	19	20	21	26	17	15	21	18	21	23	14	14	598	crash
struck by flying or falling object	134	125	110	79	92	93	83	82	63	70	57	49	57	57	54	39	43	35	51	33	42	35	29	1,512	struck by flying or falling object
collapse	29	30	30	25	24	23	17	25	14	18	11	14	11	7	9	11	7	6	8	10	6	8	13	356	collapse
crashed by	65	57	51	32	50	30	48	35	46	37	27	22	26	31	21	31	31	29	33	20	21	18	26	787	crashed by
caught in/between	318	308	268	252	236	209	218	237	210	165	144	157	144	166	147	142	131	157	123	118	104	99	108	4,161	caught in/between
cut	485	484	467	336	388	338	314	268	267	256	200	210	202	173	183	201	175	167	149	170	166	129	129	5,857	cut
injury to the sole of the foot	3	1	2			2	1	4		2	1			3		1	1	3	4	1	3		1	33	injury to the sole of the foot
drown													2											2	drown
contact to high/low-temperature	13	15	9	9	7	6	8	6	7	5	4	4	7	1	6	3	6	2	4	8	3	3	4	140	contact to high/low-temperature

contact to harmful substance	2	2	1		1	2	2		4	1		2		2	2			1	1	1	1			25	contact to harmful substance
electric shock	1			4			1	1		1	1			1			1	1	1					13	electric shock
explosion		2				2	3			1						2				1				11	explosion
burst					1	1		1					1											4	burst
fire										1							1							2	fire
traffic accident (public road)	8	5	5	8	5	5	2	3	6	3	2	1	3	4	4	2	7	2	3	5	3	5	2	93	traffic accident (public road)
traffic accident (others)		1										1				1			1					4	traffic accident (others)
reaction to motion/improper motion	57	69	45	31	43	40	38	45	38	37	28	33	41	43	32	31	36	32	26	30	37	35	39	886	reaction to motion/improper motion
others	3	3	3	7	4	3	4	5	3	1	3		1	1	1	5		1		6	1	3	7	65	others
unclassifiable		3			2		1		1	1	1		1		1									11	unclassifiable
total	1,351	1,342	1,219	949	1,035	933	917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	17,411	total

Causal agents (large) of fatal and non-fatal accidents in other lumber and wood products in 1999-2021

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	total	Causal (L) agents
machine	768	748	690	555	570	514	497	480	452	399	324	338	328	310	288	311	283	283	263	257	253	218	220	9,349	machine
crane, conveying	114	120	119	94	105	84	102	97	91	83	70	60	74	75	80	85	63	75	58	64	51	64	62	1,890	crane, conveying

machine																								machine
other equipment	122	124	113	63	87	85	79	70	76	72	57	46	45	49	53	48	65	53	56	48	60	40	38	1,549	other equipment
temporary buildings, establishments	92	94	73	63	71	71	61	82	59	47	56	46	43	45	48	45	41	46	47	52	53	47	39	1,321	temporary buildings, establishments
substance, material	185	188	163	126	145	130	126	125	96	89	75	89	84	89	84	59	63	66	66	69	54	47	54	2,272	substance, material
load	30	31	24	27	28	24	21	14	18	15	18	12	9	19	17	15	17	9	11	11	13	13	15	411	load
environment	14	9	10	10	12	11	14	6	8	9	2	5	12	6	7	10	6	11	11	17	8	11	10	219	environment
others	26	28	27	11	17	14	17	17	19	13	18	15	20	17	15	15	18	13	11	19	15	13	22	400	others
total	1,351	1,342	1,219	949	1,035	933	917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	17,411	total

Causal agents (middle) of fatal and non-fatal accidents in other lumber and wood products 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	total	Causal (M) agents
engine	1			1						1	1				1									5	engine
power transmission mechanism	18	10	14	13	5	6	6	8	3	5	5	7	12	10	4	3	7	7	6	3	8	8	4	172	power transmission mechanism
woodworking machine	673	667	607	478	487	447	435	402	389	331	281	289	274	262	244	277	236	235	223	217	205	174	182	8,015	woodworking machine
construction machine	6	2	5	5	2	1	1	1	8	1	3	2	1	1	1	2	2	2	2	3	5	2	3	61	construction

																									machine
metal manufacturing machine	18	13	13	4	16	10	13	9	14	12	6	13	8	11	6	6	8	6	3	5	10	4	3	211	metal manufacturing machine
general machine	52	56	51	54	60	50	42	60	38	49	28	27	33	26	32	23	29	32	28	29	22	29	27	877	general machine
mobile silviculture machine																	1	1	1		3	1	1	8	mobile silviculture machine
crane	13	8	9	6	5	7	10	7	2	7	9	1	1	2	6	8	6	4	2	2	3	6	1	125	crane
conveying machine	94	108	108	82	95	69	88	88	84	73	57	59	70	68	72	73	51	70	54	60	45	54	58	1,680	conveying machine
vehicle	7	4	2	6	5	8	4	2	5	3	4		3	5	2	4	6	1	2	2	3	4	3	85	vehicle
pressure vessel			1							1						2	1			1	1			7	pressure vessel
chemical facilities																									chemical facilities
welding equipment						1																	1	2	welding equipment
kiln, caldron	4	4	3	4	3	1	4	2	1	2	4	1	3	2		1				2	1			42	kiln, caldron
electric equipment	1	1		3		1	2		2	2		1		3			1	1	1				1	20	electric equipment
human power machine, tools	45	54	43	31	36	38	20	26	34	32	28	14	20	19	13	13	21	17	17	18	23	10	11	583	human power machine, tools
tools	48	50	51	22	37	33	38	31	33	24	24	23	17	21	29	27	31	31	33	20	27	24	18	692	tools
																									other

other equipments, facilities	24	15	15	3	11	11	15	11	6	11	1	7	5	4	11	5	11	4	5	7	8	6	7	203	equipments, facilities
temporary buildings, establishments	92	94	73	63	71	71	61	82	59	47	56	46	43	45	48	45	41	46	47	52	53	47	39	1,321	temporary buildings, establishments
hazards, harmful substances	2	4	1	1	3	5	3		5	1	1	1		2	2	1	2	1	2	1	1			39	hazards, harmful substances
materials	183	184	162	125	142	125	123	125	91	88	74	88	84	87	82	58	61	65	64	68	53	47	54	2,233	materials
load	30	31	24	27	28	24	21	14	18	15	18	12	9	19	17	15	17	9	11	11	13	13	15	411	load
natural environment	14	9	10	10	12	11	14	6	8	9	2	5	12	6	7	10	6	11	11	17	8	11	10	219	natural environment
other causal agent	6	8	8	3	8	1	1	5	3	2	3	3	6	2	3	4	3	1	1	4	2	3	7	87	other causal agent
no causal agent	19	19	19	8	5	13	16	12	15	10	14	12	13	15	11	10	15	12	10	15	13	10	14	300	no causal agent
unclassifiable	1	1			4				1	1	1		1		1	1							1	13	unclassifiable
total	1,351	1,342	1,219	949	1,035	933	917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	17,411	total

Causal agents (small) of fatal and non-fatal accidents in other lumber and wood products in 1999-2021

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	total	Causal (S) agents
engine										1	1				1									3	engine
power transmission			14		5		6	8	3	5	5	7	12	10	4	3	7	7	6	3	8	8	4	125	power transmission

mechanism																								mechanism
circular sawing machine			295		253		211	182	164	167	127	144	124	113	104	128	109	109	87	108	92	81	83	2,681	circular sawing machine
band sawing machine			27		20		17	11	25	12	24	10	12	14	13	13	10	9	9	9	6	8	10	259	band sawing machine
wood planer machine			58		40		37	44	37	35	29	24	29	11	22	26	19	19	29	16	25	19	16	535	wood planer machine
hollow chisel mortiser, wood borer			21		12		13	9	18	9	5	10	4	9	14	8	7	6	8	6	5	4	3	171	hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine			19		21		15	15	17	14	12	6	15	8	10	12	11	9	8	8	8	9	3	220	chamfering machine, router, woodworking milling machine
chain saw			5		6			4	3	2	4	4	1	7	2	4	1	4	2	1	2	2	3	57	chain saw
other woodworking machines			182		135		142	137	125	92	80	91	89	100	79	86	79	79	80	69	67	51	64	1,827	other woodworking machines
leveling, transporting or loading machine			1		1			1	3	1	1		1	1		1		2		1	2	2	2	20	leveling, transporting or loading machine
excavating machine			1				1		1			1				1			1	2	2			10	excavating machine
foundation work machine											1													1	foundation work machine
hardening machine									1															1	hardening machine
demolition machine												1					1							2	demolition machine

vehicle for high lift work																									vehicle for high lift work
other construction machines			3		1				3		1				1		1		1		1		1	13	other construction machines
lathe			1		1		1	1		4							2			1			2	13	lathe
drill press, milling machine			4		4		4	2	3		1	2	1	4	1	2	1					1	1	31	drill press, milling machine
grinding machine, buffing machine			3		2		3		2	3	1	2	1	3			1	2	1	2	5			31	grinding machine, buffing machine
power press			1		3		3	2	3	1		5	1				1	1	1	1	2			25	power press
forging pressure hammer																									forging pressure hammer
shearing machine								2	1		1	1	1	1	1	1								9	shearing machine
other metal manufacturing machines			4		6		2	2	5	4	3	3	4	3	4	3	3	3	1	1	3	3		57	other metal manufacturing machines
centrifugal machine										1														1	centrifugal machine
mixer, grinder			1		1		1	4	4	2	1	3		1	1	2	2			1	2	3	1	30	mixer, grinder
roll machine (except printingroll machine)			8		9		4	14	6	3	9	6	3	5	5	4	4	8	3	2	1	1	6	101	roll machine (except printingroll machine)
injection molding machine													1			1								2	injection molding machine
food manufacturing			1																					1	food manufacturing

machine																								machine
printing machine								3	2	1	1		1	1			2			1			1	13	printing machine
industrial robot														1									1	2	industrial robot
other general power machines			41		50		37	39	26	42	17	18	28	18	26	16	21	24	25	25	19	25	18	515	other general power machines
felling machine																		1	1		3	1	1	7	felling machine
mobile logging machine																									mobile logging machine
skyline yarding machine																									skyline yarding machine
other mobile silviculture machine																	1							1	other mobile silviculture machine
crane			3		2		7	1	1	2	3				2	1	2	1				3		28	crane
mobile crane			2		2		1		1	3	4			2	1	4	2	1		2	2	2		29	mobile crane
derrick crane																									derrick crane
elevator, lift			2				1	3		1	1		1		2	3	2	2			1		1	20	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway			1							1	1	1										1		5	lumberyard equipment, logging cableway
simple skyline yarding equipment																									simple skyline yarding equipment

other powered crane			1		1		1	3							1				2					9	other powered crane
truck			35		33		26	25	27	18	24	25	24	13	30	17	11	27	21	21	14	26	22	439	truck
forklift			28		24		39	30	27	27	15	12	18	26	17	24	16	21	16	16	15	17	16	404	forklift
railway equipment			1						1		1		1											4	railway equipment
conveyor			41		34		20	30	29	26	15	20	23	27	23	26	21	21	14	20	15	9	18	432	conveyor
loader					1		1	1				1	1	1		1	3	1	2			1	2	16	loader
straddle carrier																									straddle carrier
rough terrain hauler																									rough terrain hauler
other powered conveying machines			3		3		2	2		2	2	1	3	1	2	5			1	3	1	1		32	other powered conveying machines
cars, bus, motorcycle			2		4		4	2	5	2	2		3	5	2	4	6	1	2	2	3	4	3	56	cars, bus, motorcycle
railway vehicle																									railway vehicle
other vehicles					1					1	2													4	other vehicles
boiler			1							1										1	1			4	boiler
pressure vessel																	1							1	pressure vessel
other pressure vessels																2								2	other pressure vessels
chemical facilities																									chemical facilities
gas welding equipment																									gas welding equipment
arc welding equipment																									arc welding equipment

other welding equipment																							1	1	other welding equipment
kiln, caldron			3		2		4	1		2	1	1	2	2		1					1			20	kiln, caldron
industrial dryer					1			1			2		1											5	industrial dryer
other kiln, caldron									1		1									2				4	other kiln, caldron
transmission							1			1		1		2					1				1	7	transmission
electric power facilities														1			1	1						3	electric power facilities
other electrical equipment							1		2	1														4	other electrical equipment
human power cranes														1		1				1	1		2	6	human power cranes
human power hauling equipment			14		4		5	9	8	4	5	3	3	6	1	2	7	6	6	9	4	2	2	100	human power hauling equipment
human power machine			3					1	1	1			1				2	1						10	human power machine
hand tool			26		32		15	16	25	27	23	11	16	12	12	10	12	10	11	8	18	8	7	299	hand tool
ladder			27		18		21	17	17	11	13	7	12	12	16	14	19	17	13	12	13	11	9	279	ladder
slinging tool					1		1	4	3			2	1		3	1	3	1		1				21	slinging tool
other tools			24		18		16	10	13	13	11	14	4	9	10	12	9	13	20	7	14	13	9	239	other tools
other equipment, facilities			15		11		15	11	6	11	1	7	5	4	11	5	11	4	5	7	8	6	7	150	other equipment, facilities
scaffolding			1		2			1	2		1	1	1	2	2	2	1				1	1	1	19	scaffolding
timbering															1									1	timbering

stairs, landing stage			9		9		7	10	11	7	8	6	9	2	7	1	4	6	1	10	9	4	6	126	stairs, landing stage
opening			1						1	1	1	2			3	2	1	1		1	4			18	opening
roof, beam, haze, crossbeam, principal rafter			6		2		1	5	3	3	1	6	2	2	3	5	2		1		2		2	46	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			12		12		13	15	8	6	13	6	11	7	10	9	9	11	5	7	4	10	12	180	working platform, boot board
passage			34		32		25	34	20	20	24	14	12	21	11	20	15	21	31	25	27	30	12	428	passage
building, establishment			8		6		7	12	8	6	3	7	6	5	7	5	5	6	8	5	2	1	3	110	building, establishment
other temporary buildings, establishments			2		8		8	5	6	4	5	4	2	6	4	1	4	1	1	4	4	1	3	73	other temporary buildings, establishments
explosive substance			1											1										2	explosive substance
inflammable substance					1		1		2								1							5	inflammable substance
inflammable gas																									inflammable gas
harmful substance					1		1		1	1		1		1	2					1				9	harmful substance
radiation																									radiation
other hazards, harmful substances					1		1		2		1					1	1	1	2		1			11	other hazards, harmful substances
metal material			19		23		17	18	10	18	11	19	8	14	9	7	7	7	10	7	4	4	6	218	metal material
lumber, bamboo			136		112		104	104	80	67	62	64	70	63	71	45	50	53	53	58	46	43	46	1,327	lumber, bamboo
stone, sand,			1				2					1	1	1		1			1	1				9	stone, sand,

substance																									substance
other materials			6		7			3	1	3	1	4	5	9	2	5	4	5		2	3		2	62	other materials
load			23		26		20	13	17	14	15	11	9	19	16	14	17	7	11	11	12	12	14	281	load
machine/equipment as load			1		2		1	1	1	1	3	1			1	1		2			1	1	1	18	machine/equipment as load
natural ground, rock			2		2		1		1	2	2		1	1			1	1				2	1	17	natural ground, rock
standing tree			2		6		6	2	1	2		1	2	2	3	1	1	2	2	1	5	3	1	43	standing tree
water													2											2	water
abnormal environment																									abnormal environment
high/cold temperature environment			2				1	1	3			2	2		3	3	3	3	3	6	1	4	2	39	high/cold temperature environment
other environments			4		4		6	3	3	5		2	5	3	1	6	1	5	6	10	2	2	6	74	other environments
other causal agent			8		8		1	5	3	2	3	3	6	2	3	4	3	1	1	4	2	3	7	69	other causal agent
no causal agent			19		5		16	12	15	10	14	12	13	15	11	10	15	12	10	15	13	10	14	241	no causal agent
unclassifiable					4				1	1	1		1		1	1							1	11	unclassifiable
total			1,219		1,035		917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	12,836	total

Workers age of fatal and non-fatal accidents in other lumber and wood products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	29	33	31	26	22	27	24	14	16	6	8	12	17	20	23	8	6	10	13	3	10	4	8	370	19 years old or

																									less
20-29	211	245	208	151	163	144	162	140	130	119	83	108	71	75	88	71	74	84	74	68	80	53	55	2,657	20-29
30-39	157	193	148	144	162	147	154	148	138	139	130	124	115	136	99	110	99	89	98	99	83	74	72	2,858	30-39
40-49	252	234	222	158	175	150	130	147	110	109	94	98	129	126	114	126	126	125	115	121	97	100	107	3,165	40-49
50-59	379	353	327	248	278	258	235	257	210	173	146	115	130	118	135	125	105	103	103	103	98	96	103	4,198	50-59
60 years old or more	323	284	283	222	235	207	212	185	215	181	159	154	153	135	133	148	146	145	120	143	139	126	115	4,163	60 years old or more
total	1,351	1,342	1,219	949	1,035	933	917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	17,411	total

Workers' number of workplace of fatal and non-fatal accidents in other lumber and wood products in 1999-2021

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	total	Workers scale
9 workers or less	592	574	541	442	459	410	404	387	325	299	273	257	274	237	218	223	210	198	198	200	182	167	170	7,240	9 workers or less
10-29	498	475	441	318	391	337	331	309	304	269	202	225	205	221	203	224	211	216	182	192	188	167	161	6,270	10-29
30-49	140	135	122	92	91	96	95	96	84	77	66	68	55	65	83	66	57	75	75	67	60	56	54	1,875	30-49
50-99	79	107	75	64	66	63	52	69	64	54	48	44	50	56	55	53	47	44	46	64	55	36	48	1,339	50-99
100-299	41	38	35	30	28	27	33	23	36	21	31	15	28	30	29	19	30	21	19	14	17	25	23	613	100-299
300 workers or more	1	13	5	3			2	7	6	7		2	3	1	4	3	1	2	3		5	2	4	74	300 workers or more
total	1,351	1,342	1,219	949	1,035	933	917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	17,411	total

Month of fatal and non-fatal accidents in other lumber and wood products 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	total	Month

January	104	103	113	76	65	73	77	83	71	71	56	48	46	53	49	55	46	58	42	50	47	44	44	1,474	January
February	116	118	95	78	88	79	80	69	59	56	42	46	65	56	37	51	43	49	41	44	53	38	30	1,433	February
March	113	122	107	78	89	92	82	76	67	67	50	56	70	60	67	53	48	44	56	55	35	36	40	1,563	March
April	108	116	104	73	82	84	78	63	66	69	56	43	42	47	49	43	51	47	35	38	37	35	54	1,420	April
May	108	113	105	87	76	68	82	66	80	56	50	46	39	57	46	59	41	43	53	41	49	44	35	1,444	May
June	108	109	110	89	95	81	86	95	86	58	47	45	45	47	49	52	57	53	47	46	44	38	34	1,521	June
July	140	113	106	97	76	73	82	74	76	77	51	57	62	46	55	40	49	46	32	50	38	27	41	1,508	July
August	111	99	108	74	91	72	86	86	71	63	49	59	44	46	49	38	44	39	47	37	45	39	33	1,430	August
September	107	119	88	57	100	78	65	65	60	62	64	54	53	43	42	50	47	48	33	48	36	43	43	1,405	September
October	133	105	92	97	114	86	75	73	65	52	62	56	45	36	51	42	45	51	43	42	50	42	57	1,514	October
November	88	113	102	67	78	75	70	70	65	44	41	58	52	61	54	49	45	45	51	43	35	29	28	1,363	November
December	115	112	89	76	81	72	54	71	53	52	52	43	52	58	44	56	40	33	43	43	38	38	21	1,336	December
total	1,351	1,342	1,219	949	1,035	933	917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	17,411	total

Prefecture of fatal and non-fatal accidents in other lumber and wood products 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	total	Prefecture
Hokkaido	71	98	63		63		57	62	58	34	37	38	44	30	26	31	31	30	26	27	17	24	35	902	Hokkaido
Aomori	15	6	2		6		3	4	3	3	5	1	2	1	1	1	2	2	1	1		3	2	64	Aomori
Iwate	13	12	20		12		12	13	10	12	6	6	2	7	6	8	7	8	4	6	4	5	9	182	Iwate
Miyagi	9	17	27		12		15	11	15	15	5	3	9	6	3	9	4	11	10	10	3	1	4	199	Miyagi
Akita	12	16	6		15		6	13	9	11	2	7	6	3	5	4	3	7	7	10	5	5	7	159	Akita
Yamagata	4	9	5		7		5	4	6	5		4	4	4	4	5	9	7	6	4	6	5	3	106	Yamagata

Fukushima	27	22	16		17		15	21	11	18	13	8	14	15	12	17	11	13	10	16	8	8	14	306	Fukushima
Ibaraki	33	30	30		30		31	31	29	16	14	14	15	14	26	20	25	14	17	12	21	16	15	453	Ibaraki
Tochigi	31	32	36		23		22	19	19	25	25	19	12	30	14	20	18	18	7	16	14	22	16	438	Tochigi
Gunma	40	38	23		26		23	18	18	16	12	23	19	20	22	22	12	15	13	16	12	12	12	412	Gunma
Saitama	42	49	39		34		45	42	32	30	16	14	15	17	17	31	24	22	20	12	16	15	17	549	Saitama
Chiba	18	30	24		22		23	24	11	10	22	21	22	20	24	9	12	16	17	11	16	11	16	379	Chiba
Tokyo	48	28	35		28		14	26	17	24	25	14	16	12	12	15	10	12	13	9	12	11	8	389	Tokyo
Kanagawa	19	22	27		21		20	18	13	17	10	13	16	12	13	11	11	6	6	21	13	1	8	298	Kanagawa
Niigata	25	22	25		21		14	20	12	10	13	10	10	10	9	13	14	12	12	10	6	10	8	286	Niigata
Toyama	33	28	32		26		20	28	15	15	13	12	13	11	8	15	12	14	9	10	6	8	9	337	Toyama
Ishikawa	13	6	9		6		6	9	5	8	4		4	3	6	9	7	5	3	4	3	5	3	118	Ishikawa
Fukui	10	7	8		8		7	9	11	7	6	6	7	5	2	2	3	6	3	8	3	3	2	123	Fukui
Yamanashi	7	2	1		6		7	7	4	4	5	3	4	8	4	4	3	4	1	3	2	5	3	87	Yamanashi
Nagano	34	22	17		20		19	21	13	16	7	7	13	5	12	6	7	13	5	9	7	6	8	267	Nagano
Gifu	52	53	67		40		53	38	34	24	29	26	31	18	29	27	28	19	34	27	27	11	15	682	Gifu
Shizuoka	112	126	104		64		42	46	62	43	41	46	40	35	36	30	34	36	24	39	36	32	28	1,056	Shizuoka
Aichi	96	93	92		76		63	52	56	52	47	40	53	40	42	45	27	43	47	38	42	21	23	1,088	Aichi
Mie	31	36	32		26		22	22	19	18	13	13	14	9	8	12	16	18	14	11	10	8	7	359	Mie
Shiga	18	17	11		16		15	12	13	20	11	10	12	11	10	15	13	7	6	9	16	9	14	265	Shiga
Kyoto	17	11	7		16		8	10	9	8	10	8	7	7	6	10	9	5	13	9	7	16	8	201	Kyoto
Osaka	102	121	116		76		69	59	70	58	42	43	48	37	38	23	38	31	31	27	35	23	17	1,104	Osaka
Hyogo	46	42	45		42		31	30	30	27	28	26	26	30	17	18	20	20	17	20	17	9	11	552	Hyogo
Nara	10	20	21		25		11	17	19	16	12	16	8	10	7	16	12	13	11	12	7	13	11	287	Nara

Wakayama	17	17	13		16		7	8	14	2	12	12	12	5	7	8	9	6	7	3	8	10	8	201	Wakayama
Tottori	4	7	2		4			4	3	7	1	6	2	1	3	3	1	3	1	1	3	2	4	62	Tottori
Shimane	9	8	2		3		8	5	5	5	3		4	5	1	2	1	3	6	4	2	4		80	Shimane
Okayama	30	23	25		14		28	7	12	14	9	4	9	13	12	9	6	8	6	12	9	8	10	268	Okayama
Hiroshima	71	70	51		42		38	34	27	27	27	18	15	31	21	17	16	18	18	21	14	12	15	603	Hiroshima
Yamaguchi	14	16	15		14		17	11	12	7	8	8	7	12	14	6	4	5	4		6	6	12	198	Yamaguchi
Tokushima	20	19	12		17		17	13	16	12	7	6	8	10	12	3	8	5	6	8	3	5	6	213	Tokushima
Kagawa	14	15	9		11		8	8	6	7	4	3	7	7	3	5	2	7	4	6	4	4	5	139	Kagawa
Ehime	12	22	18		8		13	22	7	7	5	8	5	8	9	8	8	3	11	5	8	5	6	198	Ehime
Kochi	13	7	7		7		11	7	4	6	5	10	5	8	2	2	10	9	8	5	4	5	3	138	Kochi
Fukuoka	49	41	36		32		24	21	19	20	11	19	11	18	24	26	15	18	11	16	19	12	13	455	Fukuoka
Saga	15	8	6		5		6	4	3	8	6	4	5	1	5	5	1	3	1	3	1	4	4	98	Saga
Nagasaki	5	2	6		3		6	5	5	5	7	5	1	5	4	4	3	3	4	6	5	4	4	92	Nagasaki
Kumamoto	16	17	18		12		9	10	14	6	3	14	10	9	12	11	4	9	12	8	19	9	11	233	Kumamoto
Oita	32	25	22		25		13	12	21	9	13	11	10	5	5	7	15	7	8	9	6	13	7	275	Oita
Miyazaki	21	12	18		23		14	19	12	9	15	24	14	25	26	14	20	11	18	8	9	13	7	332	Miyazaki
Kagoshima	19	14	16		13		17	14	14	12	9	7	1	13	10	7	4	8	9	10	14	15	10	236	Kagoshima
Okinawa	2	4	3		2		3	1	2	2	2	1	3	4	3	3	7	3	2	5	2	4	2	60	Okinawa
total	1,351	1,342	1,219		1,035		917	891	819	727	620	611	615	610	592	588	556	556	523	537	507	453	460	15,529	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. 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.htm (MHLW, Japan)

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html

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Fatal accidents in other lumber and wood products in Japan in 1999-2021

other lumber and wood products industry Code No.010409

Type of fatal accidents in other lumber and wood products in 1999-2021

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	total	Type of accidents
fall from height	2	1		1	1	1	3					1		1	2					1				14	fall from height
falling to same level				1																				1	falling to same level
crash																1								1	crash
struck by flying or falling object	2		1			1		1		1										1		1		8	struck by flying or falling object
collapse		1	1		2		2	1		2														9	collapse
crashed by	1	3	1			1							1				2			1				10	crashed by
caught in/between	2	4		2	5	1	1		1	3	2			1	2	4	1	1	1	2	1	1		35	caught in/between
cut													1							1				2	cut
injury to the sole of the foot																									injury to the sole of the foot
drown													1											1	drown
																									contact to

contact to high/low-temperature																									high/low-temperature
contact to harmful substance																									contact to harmful substance
electric shock								1																1	electric shock
explosion																									explosion
burst																									burst
fire																									fire
traffic accident (public road)					1				1	1								1		1				5	traffic accident (public road)
traffic accident (others)																									traffic accident (others)
reaction to motion/improper motion																									reaction to motion/improper motion
others																									others
unclassifiable																									unclassifiable
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Causal agents (large) of fatal accidents in other lumber and wood products in 1999-2021

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	total	Causal (L) agents

machine	4	6	1	1	3	2	2	2	1	3			1			1	1		1	4	1	2		36	machine
crane, conveying machine	1			1	5	1	1		1	2	2	1	1	1	2	4		2		1				26	crane, conveying machine
other equipment		2																		1				3	other equipment
temporary buildings, establishments				1		1	1			1				1	2									7	temporary buildings, establishments
substance, material	1		1				2	1												1				6	substance, material
load	1	1	1		1					1														5	load
environment				1									1				1							3	environment
others																	1							1	others
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Causal agents (middle) of fatal accidents in other lumber and wood products 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	total	Causal (M) agents
engine																									engine
power transmission mechanism																									power transmission mechanism
																									woodworking

woodworking machine	3	6	1	1		2	2	2	1	3			1				1		1	4	1	2		31	machine
construction machine																									construction machine
metal manufacturing machine																									metal manufacturing machine
general machine	1				3											1								5	general machine
mobile silviculture machine																									mobile silviculture machine
crane					2											2		1						5	crane
conveying machine	1			1	2	1	1		1	2	2	1	1	1	2	2		1		1				20	conveying machine
vehicle					1																			1	vehicle
pressure vessel																									pressure vessel
chemical facilities																									chemical facilities
welding equipment																									welding equipment
kiln, caldron																									kiln, caldron
electric equipment																									electric equipment
human power machine,																				1				1	human power

tools																									machine, tools
tools		2																						2	tools
other equipments, facilities																									other equipments, facilities
temporary buildings, establishments				1		1	1			1				1	2									7	temporary buildings, establishments
hazards, harmful substances																									hazards, harmful substances
materials	1		1				2	1												1				6	materials
load	1	1	1		1					1														5	load
natural environment				1									1				1							3	natural environment
other causal agent																									other causal agent
no causal agent																									no causal agent
unclassifiable																	1							1	unclassifiable
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Causal agents (small) of fatal accidents in other lumber and wood products in 1999-2021

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	total	Causal (S) agents

engine																										engine
power transmission mechanism																										power transmission mechanism
circular sawing machine	2	1	1			1				1								1							7	circular sawing machine
band sawing machine								1	1				1								1				4	band sawing machine
wood planer machine							1																		1	wood planer machine
hollow chisel mortiser, wood borer																										hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																										chamfering machine, router, woodworking milling machine
chain saw		1																							1	chain saw
other woodworking machines	1	4		1		1	1	1		2										1	3	1	2		18	other woodworking machines
leveling, transporting or loading machine																										leveling, transporting or loading machine
excavating machine																										excavating machine
foundation work machine																										foundation work machine

hardening machine																									hardening machine
demolition machine																									demolition machine
vehicle for high lift work																									vehicle for high lift work
other construction machines																									other construction machines
lathe																									lathe
drill press, milling machine																									drill press, milling machine
grinding machine, buffing machine																									grinding machine, buffing machine
power press																									power press
forging pressure hammer																									forging pressure hammer
shearing machine																									shearing machine
other metal manufacturing machines																									other metal manufacturing machines
centrifugal machine																									centrifugal machine
mixer, grinder																									mixer, grinder
roll machine (except printingroll machine)					1																			1	roll machine (except printingroll machine)
injection molding																									injection molding

machine																									machine
food manufacturing machine																									food manufacturing machine
printing machine																									printing machine
industrial robot																									industrial robot
other general power machines	1				2										1									4	other general power machines
felling machine																									felling machine
mobile logging machine																									mobile logging machine
skyline yarding machine																									skyline yarding machine
other mobile silviculture machine																									other mobile silviculture machine
crane					1																			1	crane
mobile crane															1									1	mobile crane
derrick crane																									derrick crane
elevator, lift															1		1							2	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway

simple skyline yarding equipment																									simple skyline yarding equipment
other powered crane					1																			1	other powered crane
truck	1						1		1	1		1						1		1				7	truck
forklift						1					1		1	1	1	1								6	forklift
railway equipment																									railway equipment
conveyor				1	2					1	1				1									6	conveyor
loader																									loader
straddle carrier																									straddle carrier
rough terrain hauler																									rough terrain hauler
other powered conveying machines																1								1	other powered conveying machines
cars, bus, motorcycle					1																			1	cars, bus, motorcycle
railway vehicle																									railway vehicle
other vehicles																									other vehicles
boiler																									boiler
pressure vessel																									pressure vessel
other pressure vessels																									other pressure vessels
chemical facilities																									chemical facilities
gas welding equipment																									gas welding equipment

arc welding equipment																									arc welding equipment
other welding equipment																									other welding equipment
kiln, caldron																									kiln, caldron
industrial dryer																									industrial dryer
other kiln, caldron																									other kiln, caldron
transmission																									transmission
electric power facilities																									electric power facilities
other electrical equipment																									other electrical equipment
human power cranes																									human power cranes
human power hauling equipment																				1				1	human power hauling equipment
human power machine																									human power machine
hand tool																									hand tool
ladder		1																						1	ladder
slinging tool		1																						1	slinging tool
other tools																									other tools
other equipment, facilities																									other equipment, facilities

scaffolding															1									1	scaffolding
timbering																									timbering
stairs, landing stage															1									1	stairs, landing stage
opening						1																		1	opening
roof, beam, haze, crossbeam, principal rafter										1				1										2	roof, beam, haze, crossbeam, principal rafter
working platform, boot board																									working platform, boot board
passage				1																				1	passage
building, establishment							1																	1	building, establishment
other temporary buildings, establishments																									other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance																									inflammable substance
inflammable gas																									inflammable gas
harmful substance																									harmful substance
radiation																									radiation
other hazards, harmful substances																									other hazards, harmful substances
metal material	1																							1	metal material

lumber, bamboo			1				2	1												1				5	lumber, bamboo
stone, sand, substance																									stone, sand, substance
other materials																									other materials
load	1	1	1		1					1														5	load
machine/equipment as load																									machine/equipment as load
natural ground, rock				1																				1	natural ground, rock
standing tree																	1							1	standing tree
water													1											1	water
abnormal environment																									abnormal environment
high/cold temperature environment																									high/cold temperature environment
other environments																									other environments
other causal agent																									other causal agent
no causal agent																									no causal agent
unclassifiable																	1							1	unclassifiable
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Workers age of fatal accidents in other lumber and wood products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	1				1		1													1				4	19 years old or less
20-29	2		1		1					3			1	1										9	20-29
30-39		1		1						1		1				3		1				1		9	30-39
40-49		1	1		1			2							1	1	1			4	1			13	40-49
50-59	1	5		1	4	3		1	1	1	1		1		3	1	2	1	1					27	50-59
60 years old or more	3	2	1	2	2	1	5		1	2	1		1	1						2		1		25	60 years old or more
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Workers' number of workplace of fatal accidents in other lumber and wood products in 1999-2021

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	total	Workers scale
9 workers or less	4	4	1	2	2	1	2	1	1	3	1		1	2	2		1			2				30	9 workers or less
10-29	3	3	1	1	3	1	4	1	1	2	1					4	1	2	1	4				33	10-29
30-49			1		1	2				2			2		1	1					1			11	30-49
50-99		2		1	3			1				1			1							1		10	50-99
100-299																	1			1		1		3	100-299
300 workers or more																									300 workers or more
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Month of fatal accidents in other lumber and wood products 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	total	Month
January		2		1	2				1	1											1			8	January

February	2										1							1						4	February
March						2				1			1											4	March
April		1		1						1			1				1							5	April
May	1	1			2	1	1			1							1							8	May
June					1		1		1						1	2				1		1		8	June
July		1	1	1	2		1	1		1					1									9	July
August	1		2		1		1	1		1				1					1	1				10	August
September		1								1		1			2					1				6	September
October	1	1			1		1	1								1				1				7	October
November	1	1		1		1					1			1			1	1		2				10	November
December	1	1					1						1			2				1		1		8	December
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

Prefecture of fatal accidents in other lumber and wood products 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	total	Prefecture
Hokkaido	1	1		1																1				4	Hokkaido
Aomori																									Aomori
Iwate								1							1									2	Iwate
Miyagi						1																		1	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima					1							1	2											4	Fukushima

Ibaraki	1		1		1		1									1								5	Ibaraki
Tochigi			1							2														3	Tochigi
Gunma																	1							1	Gunma
Saitama				1																				1	Saitama
Chiba	1				1		1									1								4	Chiba
Tokyo			1	1																				2	Tokyo
Kanagawa																									Kanagawa
Niigata							1								1									2	Niigata
Toyama										1											1			2	Toyama
Ishikawa																									Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanashi
Nagano		1							1															2	Nagano
Gifu																	1			1		1		3	Gifu
Shizuoka		1			1		1								1					1				5	Shizuoka
Aichi		1			1			1							1	2								6	Aichi
Mie		2		1															1					4	Mie
Shiga																				1		1		2	Shiga
Kyoto											1						1							2	Kyoto
Osaka	1					1			1															3	Osaka
Hyogo					1															1				2	Hyogo
Nara					1					1														2	Nara
Wakayama		1																						1	Wakayama

Tottori																									Tottori
Shimane		1																						1	Shimane
Okayama						1					1													2	Okayama
Hiroshima	1					1				1								1						4	Hiroshima
Yamaguchi								1																1	Yamaguchi
Tokushima		1												1						1				3	Tokushima
Kagawa														1										1	Kagawa
Ehime																				1				1	Ehime
Kochi																									Kochi
Fukuoka					1					1			1											3	Fukuoka
Saga	1																							1	Saga
Nagasaki							1																	1	Nagasaki
Kumamoto																									Kumamoto
Oita							1									1								2	Oita
Miyazaki	1				1													1						3	Miyazaki
Kagoshima										1														1	Kagoshima
Okinawa																									Okinawa
total	7	9	3	4	9	4	6	3	2	7	2	1	3	2	4	5	3	2	1	7	1	2		87	total

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

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