furniture industry Code No.0105

Type of accidents in furniture 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	72	65	64	56	81	55	56	58	63	35	31	37	16	18	26	32	28	28	22	34	26	26	24	953	fall from height
falling to same level	84	82	81	70	77	53	65	55	53	49	38	28	31	37	54	34	36	42	35	40	44	37	37	1,162	falling to same
crash	18	21	21	20	19	27	17	18	10	16	9	16	12	11	15	15	6	5	5	10	9	11	6	317	crash
struck by flying or falling object	113	94	81	71	63	53	64	51	58	45	37	30	27	24	24	29	30	26	16	30	21	21	18	1,026	struck by flying or falling object
collapse	22	29	36	11	27	25	23	20	20	12	15	20	12	17	16	10	13	5	8	10	6	10	7	374	collapse
crashed by	52	34	39	42	36	20	22	23	21	12	14	11	18	14	21	14	15	17	10	10	19	15	10	489	crashed by
caught in/between	240	232	165	180	169	136	147	133	140	131	94	78	105	88	93	84	78	73	64	70	81	84	66	2,731	caught in/between
cut	641	654	564	570	529	490	412	399	359	348	284	313	303	247	228	265	209	203	175	185	170	161	163	7,872	cut
injury to the sole of the foot	2	1	1	1	1	2	2	4	1						1	1			1	2				20	injury to the sole
drown													3											3	drown
contact to high/low- temperature	6	12	8	10	9	5	7	3	2	3	5	4	5	4	8	1	3	5	5	12	1	2	2	122	contact to high/low- temperature

contact to harmful substance		1	1	3	1	1	2	1	3	2	1			3		1		2	1		1	1			contact to harmful substance
electric shock												1		1	1			1				1	1	6	electric shock
explosion	1		2		3	2		2	2						1						1			14	explosion
burst	1						1	1					1							1				5	burst
fire		2	1	3	1	1	1		1			1		1		1								13	fire
traffic accident (public road)	15	8	9	8	6	4	3	4	10	9	2	2	3	1	7	1	1	11	6	4	5	4	1	124	traffic accident (public road)
traffic accident (others)	2																							2	traffic accident (others)
reaction to motion/improper motion	61	46	47	44	49	36	41	35	48	35	22	29	25	33	25	32	30	23	31	31	21	38	28	810	reaction to motion/improper motion
others	3	4	4		5	2	1	2	3	2		1	1			1	2	2	1		4	5		43	others
unclassifiable	2		2		1	1	2												1	1				10	unclassifiable
total	1,335	1,285	1,126	1,089	1,077	913	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	16,121	total

Causal agents (large) of fatal and non-fatal accidents in furniture 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	869	864	702	727	676	589	537	513	484	465	372	377	405	328	306	339	273	264	226	252	244	239	222	10,273	machine
crane, conveying	67	56	47	39	46	40	34	38	49	39	28	26	20	15	36	22	23	29	18	22	20	23	22		crane,

machine																									machine
other equipment	107	115	112	108	101	100	93	93	90	68	55	51	37	45	56	44	45	46	40	54	37	44	39	1,580	other equipment
temporary buildings, establishments	71	74	73	74	86	68	75	52	51	42	38	40	30	38	47	34	36	38	41	41	45	32	30	1,156	temporary buildings, establishments
substance, material	144	114	130	98	103	84	83	69	76	48	39	48	38	41	45	46	39	35	28	37	36	44	27	1,452	substance, material
load	44	33	37	22	39	17	26	22	25	23	11	14	10	22	11	16	19	12	5	10	11	12	9	450	load
environment	5	8	4	5	7	3	5	7	6	4	1	3	7	1	8	6	2	7	3	8	6	4	1	111	environment
others	28	21	21	16	19	12	13	15	13	10	8	12	15	9	11	14	14	12	20	16	10	18	13	340	others
total	1,335	1,285	1,126	1,089	1,077	913	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	16,121	total

Causal agents (middle) of fatal and non-fatal accidents in furniture 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															2	engine
power transmission mechanism	6	7	3	6	2	3	3	1	2	1	1	3	1	2	2	1	2	1		3	1	1	2	54	power transmission mechanism
woodworking machine	757	778	633	642	603	529	472	453	425	408	325	341	349	285	268	287	235	239	196	218	200	203	199	9,045	woodworking machine
construction machine						1	1					1										1		4	construction

																									machine
metal manufacturing machine	36	24	14	23	22	23	28	23	20	15	10	9	20	17	14	19	14	11	8	8	10	10	10	388	metal manufacturing machine
general machine	70	55	52	56	49	33	32	36	36	41	36	23	35	24	22	32	22	13	22	23	33	24	11	780	general machine
mobile silviculture machine																									mobile silviculture machine
crane	1	6	6	2	8	5	5	5	3	8	1	3	2	1	3		2	2	2	2	1	3	2	73	crane
conveying machine	51	41	36	30	34	31	22	24	35	24	26	23	15	12	27	21	21	18	14	16	17	16	18	572	conveying machine
vehicle	15	9	5	7	4	4	7	9	11	7	1		3	2	6	1		9	2	4	2	4	2	114	vehicle
pressure vessel				1	1		1	2	1						1					1				8	pressure vessel
chemical facilities																					1			1	chemical facilities
welding equipment		1	1	2				2	2		1	1					2	3	2				1	18	welding equipment
kiln, caldron	2	7	1	3	1	3	1	2	2		2	2					1	2	2	5			2	38	kiln, caldron
electric equipment		3		1		1		2						1			1						2	11	electric equipment
human power machine, tools	50	61	59	49	43	53	48	40	36	26	29	22	27	24	31	23	18	19	18	23	11	23	17	750	human power
tools	46	35	45	44	46	34	34	39	39	28	19	21	6	10	15	16	15	20	12	20	22	17	14	597	tools
																									other

other equipments,	9	8	6	8	10	9	9	6	10	14	4	5	4	10	9	5	8	2	6	5	3	4	3	157	equipments,
temporary buildings, establishments	71	74	73	74	86	68	75	52	51	42	38	40	30	38	47	34	36	38	41	41	45	32	30	1,156	temporary buildings, establishments
hazards, harmful substances	3	2	6	5	6	3	6	2	4	2	3	1	1	5	2	2		1	1		1	1		57	hazards, harmful substances
materials	141	112	124	93	97	81	77	67	72	46	36	47	37	36	43	44	39	34	27	37	35	43	27	1,395	materials
load	44	33	37	22	39	17	26	22	25	23	11	14	10	22	11	16	19	12	5	10	11	12	9	450	load
natural environment	5	8	4	5	7	3	5	7	6	4	1	3	7	1	8	6	2	7	3	8	6	4	1	111	natural environment
other causal agent	12	8	4	2	6	1	1	6			1	2	4	2	5	3	1	3	2	4	1	5	1	74	other causal agent
no causal agent	14	12	12	13	12	9	10	8	12	10	7	10	11	7	6	10	12	9	18	12	9	13	12	248	no causal agent
unclassifiable	2	1	5	1	1	2	2	1	1							1	1							18	unclassifiable
total	1,335	1,285	1,126	1,089	1,077	913	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	16,121	total

Causal agents (small) of fatal and non-fatal accidents in furniture 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															2	engine
power transmission			3		2		3	1	2	1	1	3	1	2	2	1	2	1		3	1	1	2	32	power transmission

mechanism																					mechanism
circular sawing machine	331	345	279	277	248	233	198	220	190	170	162	174	147	141	114	123	126	112	120	3,710	circular sawing machine
band sawing machine	14	7	9	8	3	7	5	3	2	4	7	5	3	1	5	1	2	5	5	96	band sawing machine
wood planer machine	94	85	54	49	47	57	51	43	48	31	36	34	23	27	20	24	21	25	24	793	wood planer machine
hollow chisel mortiser, wood borer	22	15	7	7	12	8	10	2	12	6	10	4	7	8	6	5	2	4		147	hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine	50	41	25	16	27	34	13	15	15	15	11	14	11	9	7	19	7	8	15	352	chamfering machine, router, woodworking milling machine
chain saw	2	1																		3	chain saw
other woodworking machines	120	109	98	96	88	69	48	58	82	59	42	56	44	53	44	46	42	49	35	1,238	other woodworking machines
leveling, transporting or loading machine																		1		1	leveling, transporting or loading machine
excavating machine																					excavating machine
foundation work machine			1																	1	foundation work machine
hardening machine																					hardening machine
demolition machine																					demolition machine

vehicle for high lift work								1												1	vehicle for high lift work
other construction machines																					other construction machines
lathe	2		1	1						1		1		1					1	8	lathe
drill press, milling machine	3	4	2	4	6	2	2	4	4	2	5	8	1	2	1	2		1	1	54	drill press, milling machine
grinding machine, buffing machine		1	7	2	4	2	1		3	1		3	2			1	1	2	2	32	grinding machine, buffing machine
power press	2	9	9	13	4	7	1	2	5	6	4	3	4	3	6	2	4	6	3	93	power press
forging pressure																					forging pressure
shearing machine	1	1		1	1		2			1	1									8	shearing machine
other metal manufacturing machines	6	7	9	2	5	4	4	3	8	6	4	4	7	5	1	3	5	1	3	87	other metal manufacturing machines
centrifugal machine																	1			1	centrifugal machine
mixer, grinder				2			1										1	1		5	mixer, grinder
roll machine (except printingroll machine)	13	10	7	8	8	11	5	5	11	3	7	8	3	3	2	4	4	4	2	118	roll machine (except printingroll machine)
injection molding machine																	1			1	injection molding machine
food manufacturing																					food manufacturing

machine																						machine
printing machine																						printing machine
industrial robot								1								2		1			4	industrial robot
other general power machines		39	39	25	26	28	30	29	18	24	21	15	24	19	10	18	19	25	19	9	437	other general power machines
felling machine																						felling machine
mobile logging																						mobile logging machine
skyline yarding machine																						skyline yarding machine
other mobile silviculture machine																						other mobile silviculture machine
crane		1	1	2	2	1	2		1			2		1		1			1		15	crane
mobile crane							1														1	mobile crane
derrick crane																						derrick crane
elevator, lift		4	4	2	3	1	4		2		1	1		1	2		2		2	2	31	elevator, lift
cargo lifting appliance																						cargo lifting appliance
gondola							1														1	gondola
lumberyard equipment, logging cableway	_																					lumberyard equipment, logging cableway
simple skyline yarding equipment																						simple skyline yarding equipment

other powered		1	3	1		1		1		2						1		1			11	other powered
crane										<u> </u>								<u> </u>		<u> </u>		crane
truck		18	21	7	13	15	11	11	9	4	4	11	10	7	6	7	3	7	10	10	184	truck
forklift		7	6	9	7	6	9	7	8	8	6	10	6	5	6	6	9	7	3	5	130	forklift
railway equipment																						railway equipment
conveyor		10	5	6	4	13	3	8	5	2	1	5	4	7	6	1	3	3	3	3	92	conveyor
loader										1				1							2	loader
straddle carrier																						straddle carrier
rough terrain hauler																						rough terrain hauler
other powered conveying machines		1	2			1	1		1		1	1	1	1			1				11	other powered conveying machines
cars, bus, motorcycle		4	4	3	7	11	6	1		3	2	6	1		9	2	4	2	4	2	71	cars, bus, motorcycle
railway vehicle				1																	1	railway vehicle
other vehicles		1		3	2		1														7	other vehicles
boiler			1		2																3	boiler
pressure vessel																	1				1	pressure vessel
other pressure vessels				1		1						1									3	other pressure vessels
chemical facilities																		1			1	chemical facilities
gas welding equipment					1																1	gas welding equipment
arc welding equipment					1				1					1							3	arc welding equipment

other welding equipment		1				2		1						1	3	2				1	11	other welding equipment
kiln, caldron		1	1	1	2	1		2	2							2	3			2	17	kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron						1								1	2		2				6	other kiln, caldron
transmission					1									1						1	3	transmission
electric power facilities																				1	1	electric power facilities
other electrical equipment					1						1										2	other electrical equipment
human power cranes						1													1		2	human power cranes
human power hauling equipment		16	12	13	9	9	9	11	5	6	8	10	6	6	11	4	14	3	6	6	164	human power hauling equipment
human power machine		1	4			2		1			2	2	1			1				2	16	human power machine
hand tool		42	27	35	31	24	17	17	17	21	14	19	16	12	8	13	9	8	16	9	355	hand tool
ladder		32	31	18	24	29	18	10	10	3	6	8	9	9	13	5	11	10	12	7	265	ladder
slinging tool		1	1									1	1								4	slinging tool
other tools		12	14	16	15	10	10	9	11	3	4	6	6	6	7	7	9	12	5	7	169	other tools
other equipment,		6	10	9	6	10	14	4	5	4	10	9	5	8	2	6	5	3	4	3	123	other equipment,
scaffolding		2	1	4	1	2		2					1	1			1	2		1	18	scaffolding
timbering																						timbering

stairs, landing stage		16	21	12	12	6	9	5	7	3	2	6	6	6	5	9	5	6	9	4	149	stairs, landing stage
opening			3	3			1	2	1							1	2				13	opening
roof, beam, haze, crossbeam, principal rafter		7	3	4	3	2				2	2	2	1	3	3		2	1	2		37	roof, beam, haze, crossbeam, principal rafter
working platform,		8	13	12	10	12	9	7	9	3	7	3	11	5	11	4	6	8	2	5	145	working platform, boot board
passage		32	25	23	20	21	17	14	15	14	21	28	10	17	15	14	17	25	15	15	358	passage
building, establishment		5	7	13	4	6	5	6	5	5	3	6	3	2		7	7	1	3	2	90	building, establishment
other temporary buildings, establishments		3	13	4	2	2	1	2	3	3	3	2	2	2	4	6	1	2	1	3	59	other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance		2		1	1	2		1		1	2	1	1					1			13	inflammable substance
inflammable gas			1																		1	inflammable gas
harmful substance		1	1		1	1	2	1			2					1			1		11	harmful substance
radiation																						radiation
other hazards, harmful substances		3	4	5		1		1	1		1	1	1		1						19	other hazards, harmful substances
metal material		18	11	12	11	14	9	3	3	7	5	5	11	6	5	1	6	8	13	4	152	metal material
lumber, bamboo		92	69	56	44	54	31	27	37	28	22	32	24	30	27	23	24	25	23	17	685	lumber, bamboo
stone, sand,		4	1		2							1	1			1					10	stone, sand,

substance																						substance
other materials		10	16	9	10	4	6	6	7	2	9	5	8	3	2	2	7	2	7	6	121	other materials
load		31	35	24	21	23	19	9	13	10	22	11	15	18	12	3	10	10	11	9	306	load
machine/equipment as load		6	4	2	1	2	4	2	1				1	1		2		1	1		28	machine/equipment as load
natural ground, rock						3	1								1						5	natural ground,
standing tree					1			1	2				1						1		6	standing tree
water										4									1		5	water
abnormal environment																						abnormal environment
high/cold temperature environment			1	2	1		2			2		3	1	1	2	1	7	3	1		27	high/cold temperature environment
other environments		4	6	3	5	3	1		1	1	1	5	4	1	4	2	1	3	1	1	47	other environments
other causal agent		4	6	1	6			1	2	4	2	5	3	1	3	2	4	1	5	1	51	other causal agent
no causal agent		12	12	10	8	12	10	7	10	11	7	6	10	12	9	18	12	9	13	12	200	no causal agent
unclassifiable		5	1	2	1	1							1	1							12	unclassifiable
total		1,126	1,077	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	11,499	total

Workers age of fatal and non-fatal accidents in furniture 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	46	42	30	19	22	25	29	13	14	9	10	6	11	9	19	18	7	10	3	7	9	10	7	375	19 years old or

																									less
20-29	241	195	176	184	189	159	138	149	134	125	100	83	88	63	74	75	85	59	55	55	67	64	51	2,609	20-29
30-39	170	168	151	164	167	123	138	156	138	121	104	105	106	116	96	108	81	82	77	66	66	57	52	2,612	30-39
40-49	224	215	159	157	175	143	122	125	105	116	85	98	84	85	99	82	69	82	62	75	70	80	74	2,586	40-49
50-59	404	393	365	316	298	263	242	185	210	163	121	137	123	86	97	110	76	72	63	93	73	90	83	4,063	50-59
60 years old or more	250	272	245	249	226	200	197	181	193	165	132	142	150	140	135	128	133	138	121	144	124	115	96	3,876	60 years old or more
total	1,335	1,285	1,126	1,089	1,077	913	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	16,121	total

Workers' number of workplace of fatal and non-fatal accidents in furniture 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	585	583	527	501	505	430	420	355	343	325	266	285	258	211	225	218	180	202	158	148	130	150	130	7,135	9 workers or less
10-29	430	411	338	326	339	289	270	250	244	228	174	166	168	139	157	164	137	128	120	150	135	135	128	5,026	10-29
30-49	148	147	108	109	101	85	83	79	94	50	54	48	59	54	51	45	54	38	47	45	56	61	39	1,655	30-49
50-99	102	84	93	97	87	66	53	66	59	58	31	34	40	49	45	50	41	41	32	35	40	32	26	1,261	50-99
100-299	62	55	47	44	36	38	34	51	41	35	23	29	32	32	40	39	35	28	22	51	39	34	37	884	100-299
300 workers or	Ω	5	13	12	9	5	6	8	13	2	4	9	5	14	2	5	4	6	2	11	9	4	2	160	300 workers or
more	0	5	١٥	12				8	13															100	more
total	1,335	1,285	1,126	1,089	1,077	913	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	16,121	total

Month of fatal and non-fatal accidents in furniture 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
		$\overline{}$		$\overline{}$	$\overline{}$			$\overline{}$																	

January	111	105	96	86	82	67	66	67	63	53	55	37	45	37	46	60	44	34	29	45	38	41	32	1,339	January
February	109	132	82	103	82	62	84	57	70	71	58	63	34	47	41	46	34	51	41	46	37	27	33	1,410	February
March	119	129	101	111	93	99	78	72	69	70	61	61	55	38	43	58	43	37	42	38	40	44	37	1,538	March
April	103	94	87	87	90	69	69	58	72	61	36	47	39	39	41	36	31	40	34	32	30	29	33	1,257	April
May	94	101	97	101	100	72	78	62	62	51	37	42	40	48	41	59	33	32	24	29	33	21	29	1,286	May
June	133	95	107	99	87	72	70	73	74	71	55	33	56	42	36	38	39	43	30	33	29	41	42	1,398	June
July	120	108	91	95	95	105	60	68	65	60	42	56	40	48	49	46	41	33	22	42	45	31	33	1,395	July
August	101	110	104	73	93	76	73	82	70	42	38	46	58	36	50	47	36	30	33	31	30	41	21	1,321	August
September	122	126	94	100	84	82	77	65	59	54	44	43	51	48	42	39	34	38	22	27	35	38	29	1,353	September
October	124	112	88	80	117	68	74	66	75	54	46	47	57	43	38	35	41	35	30	40	34	38	26	1,368	October
November	106	88	96	90	84	70	78	75	54	57	34	50	43	33	51	31	41	34	37	44	34	27	26	1,283	November
December	93	85	83	64	70	71	59	64	61	55	46	46	44	40	42	26	34	36	37	33	24	38	22	1,173	December
total	1,335	1,285	1,126	1,089	1,077	913	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	16,121	total

Prefecture of fatal and non-fatal accidents in furniture 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	69	79	68		49		42	39	46	31	21	40	36	19	21	20	18	25	20	20	21	7	20	711	Hokkaido
Aomori	4	8	10		7		5	4	3	2	1	4	4	2	4	6	2	1	3	6		1	3	80	Aomori
lwate	9	10	10		15		7	8	5	8	5	4	6	5	3	5	3	4	2	5	4	3	5	126	lwate
Miyagi	9	13	7		13		15	8	6	5	2	4	7	1	8	4	4	3		6	5		2	122	Miyagi
Akita	14	24	13		9		6	13	12	12	7	11	7	8	5	11	10	7	5	4	6	6	9	199	Akita
Yamagata	30	18	24		25		14	19	18	10	5	6	9	9	10	9	14	9	3	8	11	10	6	267	Yamagata

Fukushima	8	26	14	21		13	14	20	11	4	9	11	11	7	8	13	11	7	5	15	7	6	241	Fukushima
Ibaraki	13	12	7	8		3	10	13	8	8	2	4	4	6	11	4	6	2	4	7	10	6	148	Ibaraki
Tochigi	36	30	35	33		24	8	13	11	9	11	13	13	11	10	7	9	9	15	9	12	6	324	Tochigi
Gunma	47	37	41	33		32	26	21	24	21	21	9	17	23	12	18	15	11	17	10	20	7	462	Gunma
Saitama	46	47	46	34	-	46	33	59	45	36	24	22	28	20	27	25	13	24	34	17	21	11	658	Saitama
Chiba	17	14	12	12		5	8	11	2	6	6	5	5	8	9	6	6	4	4	5	3	2	150	Chiba
Tokyo	35	30	36	43	:	29	21	21	25	29	18	14	13	13	10	13	11	14	9	11	8	7	410	Tokyo
Kanagawa	26	25	22	12		17	16	12	10	8	9	8	11	12	15	4	5	5	11	8	9	9	254	Kanagawa
Niigata	33	45	36	33	:	25	17	20	17	19	22	16	14	20	13	11	20	22	13	7	15	11	429	Niigata
Toyama	10	12	15	18		9	2	9	2	6	4	5	9	7	5	4	7	3	2	7	4	7	147	Toyama
Ishikawa	15	10	17	4		11	8	7	9	2	8	11	8	3	5	2	4	3		1	7	2	137	Ishikawa
Fukui	14	12	16	11		8	11	5	8	9	6	3	5	7	4	3	5	6	13	7	7	7	167	Fukui
Yamanashi	6	6	7	5		1	1	3	3	1	2	3	4	5	2	2	2		5	4	1	1	64	Yamanashi
Nagano	20	18	24	18		17	13	8	8	8	10	7	7	7	10	12	8	4	9	9	7	7	231	Nagano
Gifu	61	55	45	33		32	50	47	34	38	29	25	28	26	27	31	18	20	27	23	23	20	692	Gifu
Shizuoka	86	72	62	53		48	49	38	35	35	26	40	25	23	42	31	27	18	23	14	18	16	781	Shizuoka
Aichi	64	69	63	48		51	44	50	37	26	40	33	19	24	24	21	26	23	17	21	27	14	741	Aichi
Mie	22	19	12	15		14	13	12	18	6	13	5	9	7	6	8	6	9	10	6	7	3	220	Mie
Shiga	13	6	9	4		4	8	9	7	5	8	4	8	3	7	6	5	2	1	3	3	6	121	Shiga
Kyoto	12	17	18	12		13	9	8	7	7	3	7	4	4	5	4	8	8	3		3	2	154	Kyoto
Osaka	75	59	46	64		54	44	29	39	22	38	32	26	38	27	24	28	14	16	23	20	23	741	Osaka
Hyogo	45	32	23	29		19	33	35	18	22	17	17	12	10	11	8	8	12	11	9	14	13	398	Hyogo
Nara	11	15	10	8		14	5	7	11	12	7	9	9	8	5	13	13	8	3	6	5	9	188	Nara

Wakayama	36	43	29	34		28	28	26	29	19	15	25	17	21	17	15	9	12	14	4	15	9	445	Wakayama
Tottori	7	4	3	8		3	6	2	3	3	1	1	1	2	3	2	1			4	2	1	57	Tottori
Shimane	16	17	12	14		6	5	8	4	5	3	3	5	5	5	3	2	5	9	4	3		134	Shimane
Okayama	19	16	12	24		13	13	21	17	10	10	9	11	7	9	6	9	11	5	7	6	13	248	Okayama
Hiroshima	61	63	58	42		30	38	29	19	25	24	23	21	14	27	14	14	13	19	22	16	14	586	Hiroshima
Yamaguchi	12	14	9	12		12	6	3	7	5	3	8	4	4	4	7	2	3		7	4	3	129	Yamaguchi
Tokushima	63	50	41	34		38	27	17	25	14	16	21	23	19	17	20	12	14	19	7	14	9	500	Tokushima
Kagawa	32	26	15	19		10	13	17	14	12	8	6	11	10	10	6	5	4	6	5	2	7	238	Kagawa
Ehime	19	10	12	12		10	8	6	7	4	6	7	6	1	3	3	5	3	1	6	5	3	137	Ehime
Kochi	14	20	18	22		7	4	6	10	6	9	4	3	9	6	3	7	8	3	3	2	4	168	Kochi
Fukuoka	117	116	100	97		65	69	54	53	44	38	44	29	45	38	24	26	26	30	34	34	32	1,115	Fukuoka
Saga	16	19	13	16		9	14	11	13	5	11	15	8	11	7	8	10	8	7	7	8	10	226	Saga
Nagasaki	12	7	12	13		5	4	7	5	4	3	6	2	2	1	4	2	2	6	4	5	2	108	Nagasaki
Kumamoto	11	14	9	16		10	4	6	6	3	3	2	2	3	3	1	3	2		2	1	5	106	Kumamoto
Oita	17	15	18	16		17	16	17	17	6	9	8	9	9	10	5	6	5	13	10	7	6	236	Oita
Miyazaki	15	15	5	8		11	10	6	6	2	6	2	10	4	6	5	11	1	1	9	9	1	143	Miyazaki
Kagoshima	12	10	4	13		10	3	9	5	3	1	2	2	10	4	3	7	3	4	3	5	3	116	Kagoshima
Okinawa	6	6	8	8		4	7	2	2	2	3	4	2	1	1	1	2		2	2		1	64	Okinawa
total	1,335	1,285	1,126	1,07	7	866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416	363	14,119	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

Fatal accidents in furniture in Japan in 1999-2021

furniture industry Code No.0105

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

contact to high/low-																					high/low-
temperature																					temperature
contact to harmful substance																					contact to harmful substance
electric shock											1									1	electric shock
explosion					1															1	explosion
burst																					burst
fire			1						3											4	fire
traffic accident (public road)			1	1					1							2	1		1	7	traffic accident (public road)
traffic accident (others)																					traffic accident (others)
reaction to motion/improper motion																					reaction to motion/improper motion
others												1						1		2	others
unclassifiable																					unclassifiable
total	1	2	4	1	2	2	1	2	7	2	1	6		1	1	2	1	3	1	40	total

Causal agents (large) of fatal accidents in furniture 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)
	edusur (E) agents	1,000	2000	2001	2002	2003	2001	2003	2000	2007	2000	2005	2010	2011	2012	2013	2011	2013	2010	2017	2010	2013	2020	2021	totai	agents
ΙГ																										

machine	1	2	2			1			2	1	1	1		1				2		14	machine
crane, conveying machine			1	1					2	1					1	2	1		1	10	crane, conveying machine
other equipment																					other equipment
temporary buildings, establishments					1			1	1			1								4	temporary buildings, establishments
substance, material			1		1		1	1	2											6	substance, material
load						1														1	load
environment												4								4	environment
others																		1		1	others
total	1	2	4	1	2	2	1	2	7	2	1	6		1	1	2	1	3	1	40	total

Causal agents (middle) of fatal accidents in furniture 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)
Causar (W) agents		2000	2001	2002	2003	2004	2003	2000	2007	2000	2003	2010	2011	2012	2013	2014	2013	2010	2017	2010	2013	2020	2021		agents
engine																									engine
nower transmission																									power
power transmission mechanism																									transmission
Incentation																									mechanism
																									woodworking

woodworking machine 1	2	2		1		2			1						1		10	machine
																		construction
construction machine																		machine
metal manufacturing																		metal
machine																		manufacturing
																		machine
general machine							1	1			1				1		4	general
																		machine
																		mobile
mobile silviculture machine																		silviculture
																		machine
crane						1	1										2	crane
conveying machine		1										1		1		1	4	conveying
																		machine
vehicle			1			1							2				4	vehicle
pressure vessel																		pressure vessel
chemical facilities																		chemical
																		facilities
welding equipment																		welding
		<u> </u>																equipment
kiln, caldron																		kiln, caldron
electric equipment																		electric
																		equipment
human power machine,																		human power

tools																						machine, tools
tools																						tools
other equipments, facilities																						other equipments, facilities
temporary buildings, establishments						1			1	1			1								4	temporary buildings, establishments
hazards, harmful substances			1	l						2											3	hazards, harmful substances
materials						1		1	1												3	materials
load							1														1	load
natural environment													4								4	natural environment
other causal agent																						other causal agent
no causal agent																			1		1	no causal agent
unclassifiable																						unclassifiable
total	1	2	4	1	1	2	2	1	2	7	2	1	6		1	1	2	1	3	1	40	total

Causal agents (small) of fatal accidents in furniture in 1999-2021

Causal (S) agents	1999 2000	2001	2002	2003	2004 200	5 2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents	
		11				- 11																		

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engine																		engine
power transmission																		power transmission
mechanism																		mechanism
circular sawing		2	1		1		1								1		6	circular sawing
machine																		machine
band sawing machine																		band sawing
Bana sawing machine																		machine
wood planer machine																		wood planer
wood planer machine																		machine
hollow chisel																		hollow chisel
mortiser, wood borer							1										1	mortiser, wood
																		borer
chamfering machine,																		chamfering
router, woodworking	1		1							1							3	machine, router,
milling machine																		woodworking
																		milling machine
chain saw																		chain saw
other woodworking																		other woodworking
machines																		machines
loveling transporting																		leveling,
leveling, transporting or loading machine																		transporting or
or loading machine																		loading machine
excavating machine																		excavating machine
foundation work																		foundation work
machine																		machine

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

machine															machine
food manufacturing machine															food manufacturing machine
printing machine															printing machine
industrial robot												1		1	industrial robot
other general power machines						1	1		1					3	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															crane
mobile crane															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																				simple skyline
equipment																				yarding equipment
other powered crane																				other powered
ротова выпо																				crane
truck			1													1	1		3	truck
forklift																				forklift
railway equipment																				railway equipment
conveyor																				conveyor
loader																				loader
straddle carrier																				straddle carrier
rough terrain hauler																				rough terrain hauler
other powered														1					1	other powered
conveying machines																				conveying machines
cars, bus, motorcycle				1				1							2				4	cars, bus,
cars, bus, motorcycle				<u> </u>				'												motorcycle
railway vehicle																				railway vehicle
other vehicles																				other vehicles
boiler																				boiler
pressure vessel																				pressure vessel
other pressure vessels																				other pressure
other pressure vessels																				vessels
chemical facilities																				chemical facilities
gas welding																				gas welding
equipment																				equipment
	1	11		II .	11	11	11	 i 7	 п –	1 7	ii 7	11	 1	11		 11	 11	11	II .	

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

scaffolding															scaffolding
timbering															timbering
stairs, landing stage					1									1	stairs, landing stage
opening															opening
roof, beam, haze,															roof, beam, haze,
crossbeam, principal			1					1						2	crossbeam,
rafter															principal rafter
working platform,															working platform,
boot board															boot board
passage															passage
building,						1								1	building,
establishment														ľ	establishment
other temporary															other temporary
buildings,															buildings,
establishments															establishments
explosive substance															explosive substance
inflammable															inflammable
substance		ı				2								3	substance
inflammable gas															inflammable gas
harmful substance															harmful substance
radiation															radiation
other hazards,															other hazards,
harmful substances															harmful substances
metal material				1	1									2	metal material
								i							

lumber, bamboo					1															1	lumber, bamboo
stone, sand,																					stone, sand,
substance																					substance
other materials																					other materials
load						1														1	load
machine/equipment																					machine/equipment
as load																					as load
natural ground, rock																					natural ground,
natural ground, rock																					rock
standing tree																					standing tree
water												4								4	water
abnormal																					abnormal
environment																					environment
high/cold																					high/cold
temperature																					temperature
environment																					environment
other environments																					other environments
other causal agent																					other causal agent
no causal agent																		1		1	no causal agent
unclassifiable																					unclassifiable
total	1	2	4	1	2	2	1	2	7	2	1	6		1	1	2	1	3	1	40	total

Workers age of fatal accidents in furniture 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	19 years old or less
20-29				1	1																1			3	20-29
30-39								1	1											1				3	30-39
40-49	1									2		1	1				1							6	40-49
50-59			2		1	1		1	2				4					2			1	1		15	50-59
60 years old or more		2	2				1		4				1			1					1			12	60 years old or more
total	1	2	4	1	2	2	1	2	7	2		1	6			1	1	2		1	3	1		40	total

Workers' number of workplace of fatal accidents in furniture 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		1	1	1		1	1	1	2	1			3					2						14	9 workers or less
10-29	1		1					1	2				2								2			9	10-29
30-49		1	1		1	1			2	1			1				1					1		10	30-49
50-99			1		1				1															3	50-99
100-299												1				1				1	1			4	100-299
300 workers or more																									300 workers or more
total	1	2	4	1	2	2	1	2	7	2		1	6			1	1	2		1	3	1		40	total

Month of fatal accidents in furniture 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																					1			1	January

February														1						1	February
March	1	1							1			4								7	March
April		1	1						1	2						2				7	April
May					1	1			1			1								4	May
June			1		1				1											3	June
July																					July
August			1																	1	August
September											1	1						2		4	September
October				1		1	1										1		1	5	October
November			1					2							1					4	November
December									3											3	December
total	1	2	4	1	2	2	1	2	7	2	1	6		1	1	2	1	3	1	40	total

Prefecture of fatal accidents in furniture 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
lwate													1											1	lwate
Miyagi													3											3	Miyagi
Akita																	1							1	Akita
Yamagata										1														1	Yamagata
Fukushima																									Fukushima

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

Tottori																					Tottori
Shimane																					Shimane
Okayama																					Okayama
Hiroshima																					Hiroshima
Yamaguchi					1															1	Yamaguchi
Tokushima																					Tokushima
Kagawa																					Kagawa
Ehime																					Ehime
Kochi									1											1	Kochi
Fukuoka	1																			1	Fukuoka
Saga																		1		1	Saga
Nagasaki																					Nagasaki
Kumamoto			1																	1	Kumamoto
Oita										1										1	Oita
Miyazaki																					Miyazaki
Kagoshima									2											2	Kagoshima
Okinawa																					Okinawa
total	1	2	4	1	2	2	1	2	7	2	1	6		1	1	2	1	3	1	40	total

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

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