

Industrial accidents in furniture in Japan in 1999-2020

furniture industry Code No.0105

Type of accidents in furniture in 1999-2020

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
fall from height	72	65	64	56	81	55	56	58	63	35	31	37	16	18	26	32	28	28	22	34	26	26
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
crash	18	21	21	20	19	27	17	18	10	16	9	16	12	11	15	15	6	5	5	10	9	11
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
collapse	22	29	36	11	27	25	23	20	20	12	15	20	12	17	16	10	13	5	8	10	6	10
crashed by	52	34	39	42	36	20	22	23	21	12	14	11	18	14	21	14	15	17	10	10	19	15
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
cut	641	654	564	570	529	490	412	399	359	348	284	313	303	247	228	265	209	203	175	185	170	161
injury to the sole of the foot	2	1	1	1	1	2	2	4	1	0	0	0	0	0	1	1	0	0	1	2	0	0

drown	0	0	0	-	0	-	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
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
contact to harmful substance	0	1	1	3	1	1	2	1	3	2	1	0	0	3	0	1	0	2	1	0	1	1
electric shock	0	0	0	-	0	-	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1
explosion	1	0	2	-	3	2	0	2	2	0	0	0	0	0	1	0	0	0	0	0	1	0
burst	1	0	0	-	0	-	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0
fire	0	2	1	3	1	1	1	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0
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
traffic accident (others)	2	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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
others	3	4	4	-	5	2	1	2	3	2	0	1	1	0	0	1	2	2	1	0	4	5
unclassifiable	2	0	2	-	1	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0

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
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Causal agents (middle) of industrial accidents in furniture in 1999-2020

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
engine	0	0	0	-	0	-	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	6	7	3	6	2	3	3	1	2	1	1	3	1	2	2	1	2	1	0	3	1	1
woodworking machine	757	778	633	642	603	529	472	453	425	408	325	341	349	285	268	287	235	239	196	218	200	203
construction machine	0	0	0	-	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
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
general machine	70	55	52	56	49	33	32	36	36	41	36	23	35	24	22	32	22	13	22	23	33	24
mobile silviculture																	0	0	0	0	0	0

machine																						
crane	1	6	6	2	8	5	5	5	3	8	1	3	2	1	3	0	2	2	2	2	1	3
conveying machine	51	41	36	30	34	31	22	24	35	24	26	23	15	12	27	21	21	18	14	16	17	16
vehicle	15	9	5	7	4	4	7	9	11	7	1	0	3	2	6	1	0	9	2	4	2	4
pressure vessel	0	0	0	1	1	-	1	2	1	0	0	0	0	0	1	0	0	0	0	1	0	0
chemical facilities	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
welding equipment	0	1	1	2	0	-	0	2	2	0	1	1	0	0	0	0	2	3	2	0	0	0
kiln, caldron	2	7	1	3	1	3	1	2	2	0	2	2	0	0	0	0	1	2	2	5	0	0
electric equipment	0	3	0	1	0	1	0	2	0	0	0	0	0	1	0	0	1	0	0	0	0	0
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
tools	46	35	45	44	46	34	34	39	39	28	19	21	6	10	15	16	15	20	12	20	22	17
other equipments, facilities	9	8	6	8	10	9	9	6	10	14	4	5	4	10	9	5	8	2	6	5	3	4
temporary buildings,	71	74	73	74	86	68	75	52	51	42	38	40	30	38	47	34	36	38	41	41	45	32

centrifugal machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
mixer, grinder			0		0		0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1
roll machine (except printingroll machine)			13		10		7	8	8	11	5	5	11	3	7	8	3	3	2	4	4	4	
injection molding machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
food manufacturing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial robot			0		0		0	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	
other general power machines			39		39		25	26	28	30	29	18	24	21	15	24	19	10	18	19	25	19	
felling machine																0	0	0	0	0	0	0	
mobile logging machine																0	0	0	0	0	0	0	
skyline yarding machine																0	0	0	0	0	0	0	
other mobile silviculture machine																0	0	0	0	0	0	0	

straddle carrier			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
rough terrain hauler			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other powered conveying machines			1		2		0	0	1	1	0	1	0	1	1	1	1	0	0	1	0	0
cars, bus, motorcycle			4		4		3	7	11	6	1	0	3	2	6	1	0	9	2	4	2	4
railway vehicle			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other vehicles			1		0		3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0
boiler			0		1		0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
other pressure vessels			0		0		1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
chemical facilities			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
gas welding equipment			0		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding equipment			0		0		0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0
other welding equipment			1		0		0	0	2	0	1	0	0	0	0	0	1	3	2	0	0	0
kiln, caldron			1		1		1	2	1	0	2	2	0	0	0	0	0	0	2	3	0	0

scaffolding			2		1		4	1	2	0	2	0	0	0	0	1	1	0	0	1	2	0
timbering			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			16		21		12	12	6	9	5	7	3	2	6	6	6	5	9	5	6	9
opening			0		3		3	0	0	1	2	1	0	0	0	0	0	0	1	2	0	0
roof, beam, haze, crossbeam, principal rafter			7		3		4	3	2	0	0	0	2	2	2	1	3	3	0	2	1	2
working platform, boot board			8		13		12	10	12	9	7	9	3	7	3	11	5	11	4	6	8	2
passage			32		25		23	20	21	17	14	15	14	21	28	10	17	15	14	17	25	15
building, establishment			5		7		13	4	6	5	6	5	5	3	6	3	2	0	7	7	1	3
other temporary buildings, establishments			3		13		4	2	2	1	2	3	3	3	2	2	2	4	6	1	2	1
explosive substance			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance			2		0		1	1	2	0	1	0	1	2	1	1	0	0	0	0	1	0
inflammable gas			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance			1		1		0	1	1	2	1	0	0	2	0	0	0	0	1	0	0	1

radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			3		4		5	0	1	0	1	1	0	1	1	1	0	1	0	0	0	0
metal material			18		11		12	11	14	9	3	3	7	5	5	11	6	5	1	6	8	13
lumber, bamboo			92		69		56	44	54	31	27	37	28	22	32	24	30	27	23	24	25	23
stone, sand, substance			4		1		0	2	0	0	0	0	0	0	1	1	0	0	1	0	0	0
other materials			10		16		9	10	4	6	6	7	2	9	5	8	3	2	2	7	2	7
load			31		35		24	21	23	19	9	13	10	22	11	15	18	12	3	10	10	11
machine/equipment as load			6		4		2	1	2	4	2	1	0	0	0	1	1	0	2	0	1	1
natural ground, rock			0		0		0	0	3	1	0	0	0	0	0	0	0	1	0	0	0	0
standing tree			0		0		0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	1
water			0		0		0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	1
abnormal environment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment			0		1		2	1	0	2	0	0	2	0	3	1	1	2	1	7	3	1

other environments			4		6		3	5	3	1	0	1	1	1	5	4	1	4	2	1	3	1
other causal agent			4		6		1	6	0	0	1	2	4	2	5	3	1	3	2	4	1	5
no causal agent			12		12		10	8	12	10	7	10	11	7	6	10	12	9	18	12	9	13
unclassifiable			5		1		2	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0
total			1,126		1,077		866	809	794	699	552	571	562	499	520	521	451	443	381	440	409	416

Workers age of industrial accidents in furniture in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	46	42	30	19	22	25	29	13	14	9	10	6	11	9	19	18	7	10	3	7	9	10
20-29	241	195	176	184	189	159	138	149	134	125	100	83	88	63	74	75	85	59	55	55	67	64
30-39	170	168	151	164	167	123	138	156	138	121	104	105	106	116	96	108	81	82	77	66	66	57
40-49	224	215	159	157	175	143	122	125	105	116	85	98	84	85	99	82	69	82	62	75	70	80
50-59	404	393	365	316	298	263	242	185	210	163	121	137	123	86	97	110	76	72	63	93	73	90
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
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

May	94	101	97	101	100	72	78	62	62	51	37	42	40	48	41	59	33	32	24	29	33	21
June	133	95	107	99	87	72	70	73	74	71	55	33	56	42	36	38	39	43	30	33	29	41
July	120	108	91	95	95	105	60	68	65	60	42	56	40	48	49	46	41	33	22	42	45	31
August	101	110	104	73	93	76	73	82	70	42	38	46	58	36	50	47	36	30	33	31	30	41
September	122	126	94	100	84	82	77	65	59	54	44	43	51	48	42	39	34	38	22	27	35	38
October	124	112	88	80	117	68	74	66	75	54	46	47	57	43	38	35	41	35	30	40	34	38
November	106	88	96	90	84	70	78	75	54	57	34	50	43	33	51	31	41	34	37	44	34	27
December	93	85	83	64	70	71	59	64	61	55	46	46	44	40	42	26	34	36	37	33	24	38
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

Prefecture of industrial accidents in furniture in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	69	79	68		49		42	39	46	31	21	40	36	19	21	20	18	25	20	20	21	7
Aomori	4	8	10		7		5	4	3	2	1	4	4	2	4	6	2	1	3	6	0	1
Iwate	9	10	10		15		7	8	5	8	5	4	6	5	3	5	3	4	2	5	4	3
Miyagi	9	13	7		13		15	8	6	5	2	4	7	1	8	4	4	3	0	6	5	0
Akita	14	24	13		9		6	13	12	12	7	11	7	8	5	11	10	7	5	4	6	6
Yamagata	30	18	24		25		14	19	18	10	5	6	9	9	10	9	14	9	3	8	11	10

Fukushima	8	26	14		21		13	14	20	11	4	9	11	11	7	8	13	11	7	5	15	7
Ibaraki	13	12	7		8		3	10	13	8	8	2	4	4	6	11	4	6	2	4	7	10
Tochigi	36	30	35		33		24	8	13	11	9	11	13	13	11	10	7	9	9	15	9	12
Gunma	47	37	41		33		32	26	21	24	21	21	9	17	23	12	18	15	11	17	10	20
Saitama	46	47	46		34		46	33	59	45	36	24	22	28	20	27	25	13	24	34	17	21
Chiba	17	14	12		12		5	8	11	2	6	6	5	5	8	9	6	6	4	4	5	3
Tokyo	35	30	36		43		29	21	21	25	29	18	14	13	13	10	13	11	14	9	11	8
Kanagawa	26	25	22		12		17	16	12	10	8	9	8	11	12	15	4	5	5	11	8	9
Niigata	33	45	36		33		25	17	20	17	19	22	16	14	20	13	11	20	22	13	7	15
Toyama	10	12	15		18		9	2	9	2	6	4	5	9	7	5	4	7	3	2	7	4
Ishikawa	15	10	17		4		11	8	7	9	2	8	11	8	3	5	2	4	3	0	1	7
Fukui	14	12	16		11		8	11	5	8	9	6	3	5	7	4	3	5	6	13	7	7
Yamanashi	6	6	7		5		1	1	3	3	1	2	3	4	5	2	2	2	0	5	4	1
Nagano	20	18	24		18		17	13	8	8	8	10	7	7	7	10	12	8	4	9	9	7
Gifu	61	55	45		33		32	50	47	34	38	29	25	28	26	27	31	18	20	27	23	23
Shizuoka	86	72	62		53		48	49	38	35	35	26	40	25	23	42	31	27	18	23	14	18
Aichi	64	69	63		48		51	44	50	37	26	40	33	19	24	24	21	26	23	17	21	27
Mie	22	19	12		15		14	13	12	18	6	13	5	9	7	6	8	6	9	10	6	7
Shiga	13	6	9		4		4	8	9	7	5	8	4	8	3	7	6	5	2	1	3	3

Kyoto	12	17	18		12		13	9	8	7	7	3	7	4	4	5	4	8	8	3	0	3
Osaka	75	59	46		64		54	44	29	39	22	38	32	26	38	27	24	28	14	16	23	20
Hyogo	45	32	23		29		19	33	35	18	22	17	17	12	10	11	8	8	12	11	9	14
Nara	11	15	10		8		14	5	7	11	12	7	9	9	8	5	13	13	8	3	6	5
Wakayama	36	43	29		34		28	28	26	29	19	15	25	17	21	17	15	9	12	14	4	15
Tottori	7	4	3		8		3	6	2	3	3	1	1	1	2	3	2	1	0	0	4	2
Shimane	16	17	12		14		6	5	8	4	5	3	3	5	5	5	3	2	5	9	4	3
Okayama	19	16	12		24		13	13	21	17	10	10	9	11	7	9	6	9	11	5	7	6
Hiroshima	61	63	58		42		30	38	29	19	25	24	23	21	14	27	14	14	13	19	22	16
Yamaguchi	12	14	9		12		12	6	3	7	5	3	8	4	4	4	7	2	3	0	7	4
Tokushima	63	50	41		34		38	27	17	25	14	16	21	23	19	17	20	12	14	19	7	14
Kagawa	32	26	15		19		10	13	17	14	12	8	6	11	10	10	6	5	4	6	5	2
Ehime	19	10	12		12		10	8	6	7	4	6	7	6	1	3	3	5	3	1	6	5
Kochi	14	20	18		22		7	4	6	10	6	9	4	3	9	6	3	7	8	3	3	2
Fukuoka	117	116	100		97		65	69	54	53	44	38	44	29	45	38	24	26	26	30	34	34
Saga	16	19	13		16		9	14	11	13	5	11	15	8	11	7	8	10	8	7	7	8
Nagasaki	12	7	12		13		5	4	7	5	4	3	6	2	2	1	4	2	2	6	4	5
Kumamoto	11	14	9		16		10	4	6	6	3	3	2	2	3	3	1	3	2	0	2	1
Oita	17	15	18		16		17	16	17	17	6	9	8	9	9	10	5	6	5	13	10	7

manufacturing machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
centrifugal machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial robot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
other general power machines	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0
felling machine																	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0
skyline yarding machine																	0	0	0	0	0	0

high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	1	2	4	1	2	2	1	2	7	2	0	1	6	0	0	1	1	2	0	1	3	1	0

Workers age of fatal accidents in furniture in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	
19 years old or less	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
30-39	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
40-49	1	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	1	0	0	0	0	0	0
50-59	0	0	2	0	1	1	0	1	2	0	0	0	4	0	0	0	0	2	0	0	1	1	1
60 years old or more	0	2	2	0	0	0	1	0	4	0	0	0	1	0	0	1	0	0	0	0	1	0	0
total	1	2	4	1	2	2	1	2	7	2	0	1	6	0	0	1	1	2	0	1	3	1	0

April	0	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0	0	0	0
May	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
June	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0
October	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
November	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
December	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
total	1	2	4	1	2	2	1	2	7	2	0	1	6	0	0	1	1	2	0	1	3	1

Prefecture of fatal accidents in furniture in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	0	0	0	1	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
Aomori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iwate	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Miyagi	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
Akita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0

Oita	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	1	2	4	1	2	2	1	2	7	2	0	1	6	0	0	1	1	2	0	1	3	1	

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html