

Fatal and non-fatal accidents in metal furniture in Japan in 1999-2021

metal furniture industry Code No.010502

Type of accidents in metal 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	2	6	3	7	4	4	1	6	5	2		2	1	2	3	3	2	2	3	3	4	1	1	67	fall from height
falling to same level	7	6	8	5	6	5	1	4	5	3	3		1	1	6	4	5	5	1	2	3	4	3	88	falling to same level
crash	4	3	2	2	1	2	2	1	3	5	2				1	2	1			3	1		1	36	crash
struck by flying or falling object	6	1	2	4	2	1	3	3	4	1	2	2	2		1	2	5	1	3	2	2	1	1	51	struck by flying or falling object
collapse	2	2	6		3	4		3	3	2	1	1	1		1	2	1				1	2		35	collapse
crashed by	3	2	1	1	1	3			2	2	1	1	1	1		1	1	1	1			2	1	26	crashed by
caught in/between	20	17	8	16	14	12	15	12	8	12	6	9	11	7	9	9	8	9	8	5	6	10	2	233	caught in/between
cut	9	4	4	6	4	5	2	3	6	1		1	4	4	2	1	3	3		3		3		68	cut
injury to the sole of the foot																			1					1	injury to the sole of the foot
drown																									drown
contact to high/low-temperature			1				1										1	1		1				5	contact to high/low-temperature

machine																											machine	
food manufacturing machine																											food manufacturing machine	
printing machine																											printing machine	
industrial robot																		1								1	industrial robot	
other general power machines					2					1	1	1		3	2	2		1		1	1	3				18	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		2			2									1						1	7	crane	
mobile crane																											mobile crane	
derrick crane																											derrick crane	
elevator, lift																										1	3	elevator, lift
cargo lifting appliance																											cargo lifting appliance	
gondola																											gondola	
lumberyard equipment, logging																											lumberyard equipment, logging	

gas welding equipment							1															1	gas welding equipment	
arc welding equipment											1					1							2	arc welding equipment
other welding equipment			1						1		1					1	3	1				1	9	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			3					1	2	2			1			1	2	1	1	1		1	16	human power hauling equipment
human power machine			1						1														2	human power machine
hand tool			1						2				1			1		1					6	hand tool
ladder					2			1	2	2			1					2		3	1		14	ladder
slinging tool			1																				1	slinging tool
other tools			3				3	4	1	4	1		2			2	2	3	1				26	other tools

harmful substances				1									1										2	harmful substances
metal material			8	4		3	3	6	3		1	3	2	2	5	4	1		4	5	7		61	metal material
lumber, bamboo				1		1	1	1			1					1	1	1					8	lumber, bamboo
stone, sand, substance														1									1	stone, sand, substance
other materials				1			1								1						1	1	5	other materials
load			2	1			2	1			1				4	3			1	1	2	2	20	load
machine/equipment as load			1				1		1	1													4	machine/equipment as load
natural ground, rock								1															1	natural ground, rock
standing tree										1													1	standing tree
water																								water
abnormal environment																								abnormal environment
high/cold temperature environment																1			1	1			3	high/cold temperature environment
other environments				1			1										1	1		1			5	other environments
other causal agent				3			1							1				1		3			9	other causal agent
no causal agent						2	1	2				1	1	1			1	3		1	2	2	17	no causal agent
unclassifiable															1								1	unclassifiable
total			39	37		29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	509	total

Workers age of fatal and non-fatal accidents in metal 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	4	3	1	1		1	1	1	2				3	1	1	2	1	1	1		2	1		27	19 years old or less
20-29	9	7	9	6	4	6	8	5	7	9	6	3	2	2	2	7	3	5	8	5	3	6	3	125	20-29
30-39	8	8	8	9	9	6	8	12	15	4	2	1	4	9	5	6	7	3	5	3	2	7	4	145	30-39
40-49	12	6	3	7	8	8	6	5	7	5		6	5	5	7	5	6	6	6	3	3	8	4	131	40-49
50-59	24	15	17	13	11	14	5	6	4	7	6	4	3		6	7	7	3	3	7	4	6	1	173	50-59
60 years old or more	7	5	1	5	5	6	1	5	8	5	1	2	6	3	4	3	5	7	1	4	8	4	2	98	60 years old or more
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	699	total

Workers' number of workplace of fatal and non-fatal accidents in metal 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	5	7	4	6	9	8	4	3	6	1	3	2	2	2	3	1	3	2	2		1	3		77	9 workers or less
10-29	20	11	10	13	11	11	14	7	9	10	2	2	6	4	7	10	3	7	5	7		8	2	179	10-29
30-49	6	6	4	10	6	9	7	10	8	1	1	1	4	4	5	7	7	4	5	3	4	7		119	30-49
50-99	18	8	8	8	8	6	2	2	6	8	3	7	5	5	6	4	6	4	8	3	8	1	3	137	50-99
100-299	12	9	7	3	3	5	2	12	11	9	6	2	6	4	3	7	9	5	3	6	6	11	8	149	100-299
300 workers or more	3	3	6	1		2			3	1		2		1	1	1	1	3	1	3	3	2	1	38	300 workers or more
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	699	total

Month of fatal and non-fatal accidents in metal 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	3	1	1	3	3	2	4	4	7	3	2		3	2	3	3	2	2	2		4	3		57	January
February	9	5	3	3	5	3	4	1	3	5		2	2	1	4	4	6	4	5	2	1	1		73	February
March	8	6	6	5	2	3	2	4	6	2	3	3	3	3	4	1	1	1	2	1	3	6	3	78	March
April	5	3	4	3	4	3	3	1	3		1	1		1	2	4	4	3	1	1	1	3	1	52	April
May	3	3	4	5	3	2		2	1	2	1	1	1		1		2	4		2	3		2	42	May
June	4	2	3	2	4	5	2	2	2	8	2	1	4	1			1		2	4	3	4	2	58	June
July	4	4	2	5	3	6	1	1	2	1	1	1	1	2	3	3	2	2	3	3	1		1	52	July
August	9	5	3	1	1	3	1	4	3		1	2	1	1	2	2	2	1	1	4	2		2	51	August
September	3	9	4	4	3	4	4	3	4	4	2	1	3	4	1	2	3	3	2	1		5		69	September
October	7	3	3	6	2	4	2	2	3	3	1		2	2	1	4	1	3	1	1	2	1	1	55	October
November	4	1	5	2	2	2	4	5	4	1		2	1	2	1	1	3	1	2	1	2	1	2	49	November
December	5	2	1	2	5	4	2	5	5	1	1	2	2	1	3	6	2	1	3	2		8		63	December
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32	14	699	total

Prefecture of fatal and non-fatal accidents in metal 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	2	1						1	1										2		1			8	Hokkaido
Aomori	1																		1					2	Aomori

Iwate					1			4														1	9	Iwate		
Miyagi							1		1				1											6	Miyagi	
Akita																									Akita	
Yamagata					1																			1	Yamagata	
Fukushima	2	2																						4	Fukushima	
Ibaraki			1					1	2	1	3			1	3	1	3	1		1	3	5	3	29	Ibaraki	
Tochigi		1			2						1								1			1		6	Tochigi	
Gunma		1	3						1	1	1			1		1	1			2	2	2		16	Gunma	
Saitama	2	2	1		1		1			3		1			1	2	1	3		2	3			23	Saitama	
Chiba	4	4	2		2				5					1	1	1	2	1						23	Chiba	
Tokyo		2	1		1				3	1	1		2				1			1	1			14	Tokyo	
Kanagawa	4	1	2				2	1		1	1	1	1		1	2		1						18	Kanagawa	
Niigata			1		1			1	1					1										5	Niigata	
Toyama			1																					1	Toyama	
Ishikawa	2		3		1		2		1	1						1		1						12	Ishikawa	
Fukui	2	1			1								1		1		1							7	Fukui	
Yamanashi																									Yamanashi	
Nagano	1		3					2		1		1				1			1					10	Nagano	
Gifu	7	1	3				3	3	1	1	1			2	3		2	1	1	1		3	1	34	Gifu	
Shizuoka	1								1				1											3	Shizuoka	
Aichi	4	5	7		6		5	5	10	7	3	7	3	2	4	3	3	6	5	3	5	8	1	102	Aichi	
Mie	3	6	2		4		2	3	4	4	1	1	1	4	3	2	5	3	5	4	3	2	1	63	Mie	
Shiga	6	1	1		1		1	2	4	3	1	2	2	3		6	4	4					2	2	45	Shiga

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

9 workers or less									1																1	9 workers or less	
10-29									1					1												2	10-29
30-49																											30-49
50-99																											50-99
100-299																											100-299
300 workers or more																											300 workers or more
total									2					1												3	total

Month of fatal accidents in metal 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																										January	
February																											February
March																											March
April																											April
May																											May
June																											June
July																											July
August																											August
September													1												1	September	
October																											October
November								2																	2	November	

Saga																								Saga	
Nagasaki																									Nagasaki
Kumamoto																									Kumamoto
Oita																									Oita
Miyazaki																									Miyazaki
Kagoshima																									Kagoshima
Okinawa																									Okinawa
total							2					1												3	total

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

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