

Industrial accidents in metal furniture in Japan in 1999-2020

metal furniture industry Code No.010502

Type of accidents in metal 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	2	6	3	7	4	4	1	6	5	2	0	2	1	2	3	3	2	2	3	3	4	1
falling to same level	7	6	8	5	6	5	1	4	5	3	3	0	1	1	6	4	5	5	1	2	3	4
crash	4	3	2	2	1	2	2	1	3	5	2	0	0	0	1	2	1	0	0	3	1	0
struck by flying or falling object	6	1	2	4	2	1	3	3	4	1	2	2	2	0	1	2	5	1	3	2	2	1
collapse	2	2	6	-	3	4	0	3	3	2	1	1	1	0	1	2	1	0	0	0	1	2
crashed by	3	2	1	1	1	3	0	0	2	2	1	1	1	1	0	1	1	1	1	0	0	2
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
cut	9	4	4	6	4	5	2	3	6	1	0	1	4	4	2	1	3	3	0	3	0	3
injury to the sole of the foot	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
drown	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	0	0	1	-	0	-	1	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0
contact to harmful substance	0	0	0	-	0	-	0	0	1	0	0	0	0	3	0	0	0	0	1	0	1	0
electric shock	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	-	0	-	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	0	0	0	-	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	4	1	0	-	1	1	0	0	2	0	0	0	0	0	0	0	0	1	2	0	2	0
traffic accident (others)	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
reaction to motion/improper motion	7	1	4	-	0	3	3	1	4	2	0	0	2	2	2	6	2	1	4	2	1	6
others	0	1	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3

unclassifiable	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32

Causal agents (middle) of industrial accidents in metal 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	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	0	-	0	-	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0
woodworking machine	3	2	2	2	1	2	0	2	4	1	0	1	1	0	1	0	0	1	0	1	0	2
construction machine	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	15	9	5	9	11	11	12	6	3	8	3	6	11	5	4	9	6	6	6	2	4	5
general machine	5	3	0	3	2	1	0	0	0	2	2	1	0	3	3	2	0	2	1	1	1	3
mobile silviculture machine																	0	0	0	0	0	0
crane	0	1	0	-	1	2	4	0	0	2	0	0	0	0	1	0	0	0	1	0	0	1
conveying machine	2	5	5	2	6	6	1	2	5	0	1	3	1	1	3	2	2	1	4	4	0	1
vehicle	4	2	0	1	1	-	1	0	2	0	0	0	0	0	0	0	0	1	0	0	2	0
pressure vessel	0	0	0	-	0	-	1	0	0	0	0	0	0	0	0	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	1	1	0	1	1	0	0	0	0	2	3	1	0	0	0
kiln, caldron	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	3	5	5	2	0	1	0	1	5	2	0	0	1	1	0	1	3	1	2	1	0	0
tools	6	2	4	5	2	3	3	5	3	6	1	0	2	1	0	2	2	3	3	0	3	1
other equipments, facilities	0	1	1	-	0	1	0	1	1	2	2	0	2	1	1	0	2	1	0	1	0	0
temporary buildings,	2	7	4	5	1	5	1	4	6	3	3	1	1	2	5	3	3	2	0	4	2	4







equipment																					
arc welding equipment			0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
other welding equipment			1	0	0	0	1	0	1	0	0	0	0	0	1	3	1	0	0	0	
kiln, caldron			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
industrial dryer			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other kiln, caldron			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
transmission			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
electric power facilities			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other electrical equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
human power cranes			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
human power hauling equipment			3	0	0	1	2	2	0	0	1	0	0	1	2	1	1	1	0	0	
human power machine			1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
hand tool			1	0	0	0	2	0	0	0	0	1	0	0	1	0	1	0	0	0	
ladder			0	2	0	1	2	2	0	0	0	1	0	0	0	0	2	0	3	1	
slinging tool			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other tools			3	0	3	4	1	4	1	0	2	0	0	2	2	3	1	0	0	0	
other equipment, facilities			1	0	0	1	1	2	2	0	2	1	1	0	2	1	0	1	0	0	
scaffolding			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
stairs, landing stage			0	0	0	1	0	0	0	0	0	0	0	2	1	0	0	1	0	0	
opening			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
roof, beam, haze, crossbeam, principal rafter			0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
working platform, boot board			0	1	0	1	4	1	1	0	0	0	1	0	0	1	0	1	0	0	
passage			3	0	0	1	2	2	2	1	0	1	4	0	2	1	0	2	2	3	
building, establishment			1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	



19 years old or less	4	3	1	1	0	1	1	1	2	0	0	0	3	1	1	2	1	1	1	0	2	1
20-29	9	7	9	6	4	6	8	5	7	9	6	3	2	2	2	7	3	5	8	5	3	6
30-39	8	8	8	9	9	6	8	12	15	4	2	1	4	9	5	6	7	3	5	3	2	7
40-49	12	6	3	7	8	8	6	5	7	5	0	6	5	5	7	5	6	6	6	3	3	8
50-59	24	15	17	13	11	14	5	6	4	7	6	4	3	0	6	7	7	3	3	7	4	6
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
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32

Workers' number of workplace of industrial accidents in metal furniture in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	5	7	4	6	9	8	4	3	6	1	3	2	2	2	3	1	3	2	2	0	1	3
10-29	20	11	10	13	11	11	14	7	9	10	2	2	6	4	7	10	3	7	5	7	0	8
30-49	6	6	4	10	6	9	7	10	8	1	1	1	4	4	5	7	7	4	5	3	4	7
50-99	18	8	8	8	8	6	2	2	6	8	3	7	5	5	6	4	6	4	8	3	8	1
100-299	12	9	7	3	3	5	2	12	11	9	6	2	6	4	3	7	9	5	3	6	6	11
300 workers or more	3	3	6	1	0	2	0	0	3	1	0	2	0	1	1	1	1	3	1	3	3	2
total	64	44	39	41	37	41	29	34	43	30	15	16	23	20	25	30	29	25	24	22	22	32

Month of industrial accidents in metal furniture in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	3	1	1	3	3	2	4	4	7	3	2	0	3	2	3	3	2	2	2	0	4	3
February	9	5	3	3	5	3	4	1	3	5	0	2	2	1	4	4	6	4	5	2	1	1
March	8	6	6	5	2	3	2	4	6	2	3	3	3	3	4	1	1	1	2	1	3	6
April	5	3	4	3	4	3	3	1	3	0	1	1	0	1	2	4	4	3	1	1	1	3
May	3	3	4	5	3	2	0	2	1	2	1	1	1	0	1	0	2	4	0	2	3	0
June	4	2	3	2	4	5	2	2	2	8	2	1	4	1	0	0	1	0	2	4	3	4
July	4	4	2	5	3	6	1	1	2	1	1	1	1	2	3	3	2	2	3	3	1	0
August	9	5	3	1	1	3	1	4	3	0	1	2	1	1	2	2	2	1	1	4	2	0
September	3	9	4	4	3	4	4	3	4	4	2	1	3	4	1	2	3	3	2	1	0	5
October	7	3	3	6	2	4	2	2	3	3	1	0	2	2	1	4	1	3	1	1	2	1
November	4	1	5	2	2	2	4	5	4	1	0	2	1	2	1	1	3	1	2	1	2	1
December	5	2	1	2	5	4	2	5	5	1	1	2	2	1	3	6	2	1	3	2	0	8



























Oita	0	0	0	0	0	0	0	0	0	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
Kagoshima	0	0	0	0	0	0	0	0	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
total	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0

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

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