

Fatal accidents in metal products in Japan in 1991-2020

metal products industry Code No.0112

Type of fatal accidents in metal products in 1991-2020

Type of accidents	1991	1992	1993	1994	1995	1996	1997	1998	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	9	8	9	7	10	5	6	3	10	11	10	5	6	11	3	8	7	5	3	2	4	4	2	2	2	4	5	6	3	1
falling to same level	1	1	1	2	0	2	2	1	2	1	1	0	2	0	2	0	0	1	1	1	1	0	1	1	1	1	0	0	1	2
crash	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
struck by flying or falling object	19	5	12	9	12	11	9	10	6	11	5	12	9	11	9	8	5	9	7	1	4	2	10	3	3	6	1	2	4	1
collapse	10	13	4	9	7	7	7	7	5	4	7	5	7	4	5	4	9	5	3	7	7	6	3	2	8	7	4	4	4	2
crashed by	5	4	9	5	5	5	8	5	2	4	5	7	4	5	9	1	8	3	4	4	2	1	0	3	1	2	6	0	5	2
caught in/between	11	12	16	13	9	10	7	13	12	10	8	12	8	10	8	11	5	8	5	7	8	11	9	8	12	8	1	2	3	6
cut	1	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
injury to the sole of the foot	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
drown	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	0	0	0	0	1	0	0	0	0
contact to high/low-temperature	0	0	0	2	2	4	1	0	5	2	3	1	1	0	1	2	3	1	1	3	0	2	2	2	0	1	3	2	0	1
contact to harmful substance	3	1	1	3	3	0	1	2	3	0	0	3	2	2	0	0	3	0	3	1	2	1	1	0	2	1	1	3	0	0
electric shock	1	1	1	0	1	2	1	2	3	1	1	2	1	0	0	0	0	1	2	1	0	1	0	0	0	1	0	1	0	0
explosion	0	0	1	0	0	0	3	0	1	2	0	1	3	0	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
burst	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	0	1	1	1	0	1	2	0	0	1	0	0	3	0	0	0	0	1	1	0	0	1	2	0	0	0	0	1	0	0
traffic accident (public road)	7	1	11	5	7	2	4	1	9	5	6	3	3	3	0	1	3	0	1	2	2	1	2	1	0	0	1	1	0	1
traffic accident (others)	0	1	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	3	1	0	1	1	0	0	2	0	0
unclassifiable	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	68	49	68	57	56	49	52	45	59	52	47	52	49	49	42	38	44	35	31	30	47	31	32	24	30	33	23	24	20	17





January	6	6	4	3	3	1	2	5	4	6	1	4	3	3	5	2	6	2	5	3	0	3	0	2	4	0	2	2	2	0
February	6	2	5	3	4	3	7	2	3	3	6	5	2	3	6	6	7	1	3	2	2	2	1	3	3	5	5	0	0	3
March	5	1	7	5	3	7	6	3	4	5	3	4	5	7	4	5	6	5	2	3	21	3	7	2	1	5	1	0	4	0
April	5	5	3	6	6	1	2	5	5	8	6	4	6	6	5	1	0	4	1	1	3	1	0	0	1	1	3	1	2	0
May	3	6	8	3	5	2	7	2	3	2	2	3	3	3	3	5	1	3	2	2	1	3	5	2	2	2	2	1	2	
June	2	3	7	5	4	4	6	6	7	3	4	8	6	1	6	2	0	4	3	2	4	2	3	0	2	5	1	0	2	1
July	5	4	2	6	5	7	3	7	5	5	8	7	3	4	2	2	4	5	2	2	2	4	7	1	2	4	1	2	1	4
August	9	7	4	7	5	8	9	2	6	4	2	0	9	6	2	2	2	3	0	3	4	4	0	1	2	3	2	5	0	1
September	8	5	8	4	4	4	2	3	6	3	3	5	4	7	2	6	4	2	5	3	2	5	2	2	4	3	2	5	3	1
October	6	5	7	5	7	3	4	4	4	6	7	4	4	5	2	3	6	2	2	2	2	0	3	3	6	0	3	4	1	3
November	8	3	7	6	2	4	2	2	5	5	3	6	1	2	2	5	1	3	2	2	3	3	3	1	3	2	1	0	3	2
December	5	2	6	4	8	5	2	4	7	2	2	2	3	2	3	1	3	3	3	5	2	3	3	4	0	3	0	3	1	0
total	68	49	68	57	56	49	52	45	59	52	47	52	49	49	42	38	44	35	31	30	47	31	32	24	30	33	23	24	20	17

Prefecture of fatal accidents in metal products in 1991-2020

Prefecture	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	3	3	2	2	3	1	0	0	2	1	0	2	1	3	1	1	0	0	0	0	1	1	0	1	2	1	1	0	1	0
Aomori	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	2	0	0
Iwate	2	0	0	1	1	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	2	0	0	0	0	1	0	0	0	0
Miyagi	1	2	2	1	0	0	1	0	0	1	0	0	0	1	1	0	1	0	0	0	12	0	0	0	1	0	0	0	0	0
Akita	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Yamagata	1	0	0	2	1	1	1	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
Fukushima	1	0	0	0	1	2	1	0	2	0	1	0	3	0	0	0	3	0	0	0	2	0	0	0	0	0	0	0	3	0
Ibaraki	2	0	2	5	3	1	3	1	1	2	2	4	2	0	3	0	2	3	3	3	0	2	1	1	0	1	1	1	0	1
Tochigi	2	0	2	3	3	0	0	0	2	1	3	1	1	1	1	2	0	0	0	1	1	1	0	2	0	0	0	0	0	0
Gunma	3	0	2	1	1	0	1	1	3	2	1	1	1	1	1	1	0	0	1	0	0	1	1	0	0	1	0	0	0	1
Saitama	2	4	0	3	0	3	1	0	7	4	1	3	3	2	2	2	0	0	0	1	1	3	0	2	1	0	0	3	1	1
Chiba	8	6	4	10	5	4	3	4	3	5	3	4	3	2	4	2	3	5	3	2	3	1	0	1	3	3	0	1	0	1
Tokyo	1	0	2	3	2	0	2	1	3	1	3	2	1	1	1	1	0	0	0	0	1	1	1	2	1	2	0	1	0	0
Kanagawa	2	2	4	4	4	1	1	1	2	2	1	2	3	0	0	2	2	3	3	0	1	2	1	0	1	0	1	0	0	0
Niigata	1	3	2	0	2	1	3	0	1	1	1	3	0	1	0	2	2	0	2	0	0	0	4	0	0	1	0	1	0	0
Toyama	0	0	1	1	0	0	2	0	1	1	1	1	4	1	1	0	2	2	0	0	1	2	1	0	0	2	1	1	0	0
Ishikawa	0	0	1	0	1	0	1	0	0	0	0	2	0	1	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0
Fukui	1	0	1	1	1	1	0	0	1	0	1	0	0	0	0	0	0	2	1	1	0	0	1	1	0	0	0	1	1	0
Yamanashi	0	1	0	0	0	0	0	2	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0
Nagano	1	0	0	0	1	1	1	2	4	0	2	0	0	1	0	0	0	0	0	1	2	0	0	0	0	1	0	0	1	1
Gifu	1	2	1	1	0	1	3	0	2	0	1	1	1	1	1	0	1	0	0	1	2	0	1	0	3	0	0	0	1	1

Shizuoka	1	1	2	1	0	0	1	1	0	5	4	0	3	3	0	1	1	0	0	1	1	0	3	1	2	1	1	1	1	1	
Aichi	5	1	6	4	3	0	2	1	6	3	4	3	2	5	4	2	2	3	2	2	0	1	1	0	3	1	2	7	3	2	
Mie	2	1	0	1	2	1	0	0	1	1	0	0	0	2	1	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	
Shiga	0	2	0	0	0	1	2	2	1	4	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	1	1	0	1	1	
Kyoto	0	0	0	0	1	2	2	0	2	2	0	0	0	0	0	3	0	0	1	0	1	0	1	1	0	0	0	0	0	0	
Osaka	11	7	13	6	6	6	10	11	6	5	8	8	8	9	7	9	9	3	4	5	6	6	3	3	3	3	3	3	4	0	1
Hyogo	5	1	7	2	3	4	3	3	2	5	4	1	5	2	1	3	5	2	0	5	1	2	1	3	4	2	2	0	0	2	
Nara	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	2	1	0	0	1	0	1	1	
Wakayama	1	0	1	0	0	1	2	0	2	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	2	1	0	0	0	
Tottori	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	
Shimane	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Okayama	1	2	1	0	2	3	0	1	0	0	1	0	1	1	0	1	2	0	2	1	2	2	0	0	2	1	1	0	0	0	
Hiroshima	3	3	1	1	1	2	3	2	0	2	1	1	0	2	0	0	1	1	2	1	0	1	0	1	0	0	2	0	3	0	
Yamaguchi	0	0	1	1	0	1	1	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	
Tokushima	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	
Kagawa	0	0	2	0	1	2	0	3	2	0	0	1	1	1	1	0	0	1	0	0	1	1	2	0	0	0	0	0	0	0	
Ehime	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	2	1	1	1	0	0	0	0	0	2	1	0	0	1	
Kochi	0	1	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
Fukuoka	5	4	1	1	3	3	1	2	2	1	1	3	2	1	2	0	0	1	1	1	3	1	1	1	1	1	2	0	0	2	0
Saga	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	
Nagasaki	1	1	2	0	0	0	0	1	1	0	0	3	0	0	2	0	0	2	1	1	1	1	0	0	0	0	0	0	0	0	
Kumamoto	1	0	0	1	1	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0
Oita	0	1	0	0	1	0	0	0	0	1	0	0	0	0	2	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	
Miyazaki	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Kagoshima	0	0	1	0	1	3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Okinawa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
total	68	49	68	57	56	49	52	45	59	52	47	52	49	49	42	38	44	35	31	30	47	31	32	24	30	33	23	24	20	17	

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

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