

Industrial accidents in nonferrous metals/rolling products in Japan in 1999-2020

nonferrous metals/rolling products industry Code No.011101

Type of accidents in nonferrous metals/rolling products 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	17	22	20	13	13	13	13	16	10	11	18	9	6	6	9	12	11	11	11	9	14	9
falling to same level	13	11	13	18	13	11	13	13	9	7	13	9	11	9	11	8	13	11	7	7	11	11
crash	6	5	3	7	5	5	3	9	6	6	3	6	1	4	6	1	4	2	6	8	3	9
struck by flying or falling object	21	19	18	20	14	15	11	15	12	11	9	13	11	9	8	6	11	8	13	13	4	7
collapse	8	4	3	1	5	1	2	7	7	4	5	2	3	5	5	3	7	2	3	3	2	2
crashed by	13	10	7	11	7	10	7	18	13	12	7	2	9	6	1	11	4	9	4	4	5	6
caught in/between	59	57	48	66	49	54	32	42	51	51	35	29	43	23	33	40	26	38	26	28	42	33
cut	7	7	8	10	2	1	6	8	6	1	1	3	10	5	6	2	3	4	3	3	6	2
injury to the sole of the foot	2	0	0	1	0	-	0	1	0	1	0	1	0	1	0	1	0	0	0	1	0	1
drown	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
contact to high/low-temperature	25	29	16	21	17	23	22	18	15	16	20	17	14	12	13	12	13	8	13	12	7	12
contact to harmful substance	4	7	3	1	6	2	10	4	5	1	6	3	6	4	3	1	3	3	1	7	3	1
electric shock	0	1	1	-	0	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
explosion	7	6	2	2	1	3	2	3	9	3	5	2	1	3	3	0	3	4	1	0	0	1
burst	0	0	0	5	1	-	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
fire	0	1	0	-	0	1	0	0	0	0	0	1	1	0	0	1	1	0	0	2	0	0
traffic accident (public road)	0	2	2	1	1	2	0	0	2	0	0	1	2	0	0	1	1	2	1	0	0	2
traffic accident (others)	0	0	0	-	0	-	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0
reaction to motion/improper motion	8	11	6	8	4	1	14	11	7	11	4	11	4	6	4	2	3	4	4	8	12	11
others	0	0	0	-	3	1	0	2	1	0	0	1	2	0	2	0	1	0	1	0	1	0

unclassifiable	0	1	0	-	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	190	193	150	185	142	143	135	167	154	135	126	111	124	93	104	103	105	106	95	105	110	108

Causal agents (middle) of industrial accidents in nonferrous metals/rolling products 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	1	0	-	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
power transmission mechanism	4	9	2	2	2	4	1	2	3	3	2	1	1	1	1	2	0	1	3	4	4	2
woodworking machine	0	1	1	1	0	-	0	1	0	0	1	1	0	0	1	1	0	0	1	1	0	1
construction machine	0	1	2	-	1	2	1	0	1	0	2	2	2	1	2	1	0	1	1	0	2	0
metal manufacturing machine	20	17	16	18	17	10	5	20	14	12	8	8	14	9	11	12	9	15	6	7	12	15
general machine	19	14	17	19	16	15	18	13	17	15	15	8	17	11	9	10	13	10	10	5	16	15
mobile silviculture machine																	0	0	0	0	0	0
crane	5	5	9	10	5	8	3	6	8	11	5	2	4	3	5	3	7	6	7	5	5	1
conveying machine	24	27	14	34	28	25	18	23	20	18	16	13	18	10	17	20	11	17	13	13	9	7
vehicle	1	2	2	1	1	2	1	0	3	2	1	1	1	0	0	1	1	2	0	0	0	1
pressure vessel	0	1	1	-	0	-	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
chemical facilities	1	1	0	-	1	-	0	0	2	0	0	0	0	0	1	0	0	0	1	1	0	0
welding equipment	0	2	0	-	0	-	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
kiln, caldron	9	10	10	8	11	14	9	4	10	9	8	10	6	7	4	6	10	1	5	2	2	7
electric equipment	1	0	1	1	0	-	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
human power machine, tools	4	5	8	3	3	6	6	5	7	5	1	4	3	2	1	2	1	1	0	2	3	3
tools	8	9	6	10	7	9	10	12	5	3	5	7	5	5	3	7	7	7	6	5	7	10
other equipments, facilities	9	4	4	10	2	2	4	6	10	8	7	1	5	1	3	3	5	3	4	6	5	5
temporary buildings,	17	23	17	17	11	11	17	20	10	15	16	12	12	10	16	11	14	11	10	16	14	14

establishments																						
hazards, harmful substances	10	9	3	2	5	4	10	4	5	3	6	6	10	7	5	3	4	6	2	9	5	2
materials	37	39	26	37	23	16	19	32	29	18	17	26	15	14	11	11	17	14	11	18	12	11
load	13	4	6	3	3	6	4	8	3	6	5	3	4	5	5	4	3	8	6	5	4	8
natural environment	5	4	2	3	1	5	2	4	2	2	6	0	0	1	5	3	1	1	4	3	0	1
other causal agent	0	1	1	-	1	-	1	4	2	0	0	2	1	0	1	1	0	0	2	1	1	0
no causal agent	3	5	2	5	4	2	4	2	3	3	4	2	6	3	2	2	2	2	2	2	9	5
unclassifiable	0	0	0	-	0	2	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
total	190	193	150	185	142	143	135	167	154	135	126	111	124	93	104	103	105	106	95	105	110	108

Causal agents (small) of industrial accidents in nonferrous metals/rolling products in 1999-2020

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
engine			0		0		0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
power transmission mechanism			2		2		1	2	3	3	2	1	1	1	1	2	0	1	3	4	4	2
circular sawing machine			1		0		0	1	0	0	0	1	0	0	1	1	0	0	0	0	0	1
band sawing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
wood planer machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chain saw			0		0		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
other woodworking machines			0		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
leveling, transporting or loading machine			1		1		0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0
excavating machine			0		0		1	0	1	0	2	2	1	1	1	0	0	0	1	0	0	0



machine																0	0	0	0	0	0
other mobile silviculture machine																0	0	0	0	0	0
crane			9	4	3	6	8	11	5	2	3	3	4	3	6	5	7	4	5	1	
mobile crane			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
derrick crane			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
elevator, lift			0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
cargo lifting appliance			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
gondola			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
lumberyard equipment, logging cableway			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
simple skyline yarding equipment															0	0	0	0	0	0	
other powered crane			0	1	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	
truck			6	5	3	4	5	5	5	2	4	1	3	2	2	4	3	4	2	1	
forklift			5	14	12	13	13	9	4	4	10	3	3	7	3	12	5	7	5	4	
railway equipment			0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
conveyor			2	8	3	5	2	3	5	6	4	3	9	9	6	1	4	2	1	2	
loader			1	0	0	1	0	0	0	1	0	1	1	1	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			0	1	0	0	0	1	1	0	0	2	1	1	0	0	1	0	1	0	
cars, bus, motorcycle			2	1	1	0	3	0	1	1	1	0	0	1	1	2	0	0	0	1	
railway vehicle			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other vehicles			0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
boiler			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
pressure vessel			1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
other pressure vessels			0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
chemical facilities			0	1	0	0	2	0	0	0	0	0	1	0	0	0	1	1	0	0	
gas welding			0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	

equipment																						
arc welding equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			9	11	9	4	9	9	8	10	5	7	3	6	9	1	4	2	2	5		
industrial dryer			1	0	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	1	0	0	0	1	0	1	0	1	0	1	0	0	2		
transmission			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric power facilities			1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment			0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes			0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
human power hauling equipment			2	1	3	1	1	1	0	2	1	2	0	0	0	1	0	1	0	0		
human power machine			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool			5	1	3	4	5	4	1	2	2	0	1	2	1	0	0	1	3	2		
ladder			2	2	3	4	0	2	3	3	2	2	0	2	2	3	3	0	4	2		
slinging tool			0	0	0	1	1	0	0	3	3	1	1	2	1	1	0	1	0	0		
other tools			4	5	7	7	4	1	2	1	0	2	2	3	4	3	3	4	3	8		
other equipment, facilities			4	2	4	6	10	8	7	1	5	1	3	3	5	3	4	6	5	5		
scaffolding			0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			3	2	3	2	2	0	6	1	2	1	2	2	3	2	1	2	3	1		
opening			1	0	1	3	1	0	2	0	0	0	1	0	0	1	1	0	0	0		
roof, beam, haze, crossbeam, principal rafter			0	1	0	0	1	2	0	0	0	0	0	0	1	0	1	0	0	1		
working platform, boot board			3	0	3	5	2	9	1	4	2	0	3	1	2	1	2	3	3	2		
passage			6	6	5	6	0	2	6	3	5	6	7	5	4	5	5	2	4	6		
building, establishment			3	1	4	2	4	1	0	1	3	2	1	2	1	2	0	6	3	2		



19 years old or less	9	11	2	5	2	4	3	2	5	3	3	1	4	1	2	0	1	4	4	3	3	3
20-29	38	39	29	30	26	31	29	39	28	25	22	23	21	19	16	22	17	21	15	12	18	12
30-39	40	33	21	39	39	34	37	35	38	34	34	25	31	22	30	19	30	24	20	21	19	34
40-49	37	41	42	42	21	29	23	40	36	30	18	24	27	28	24	25	24	21	28	36	32	25
50-59	54	55	47	52	43	28	28	39	38	29	29	24	26	13	19	17	19	16	14	21	22	22
60 years old or more	12	14	9	17	11	17	15	12	9	14	20	14	15	10	13	20	14	20	14	12	16	12
total	190	193	150	185	142	143	135	167	154	135	126	111	124	93	104	103	105	106	95	105	110	108

Workers' number of workplace of industrial accidents in nonferrous metals/rolling products 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	24	33	23	24	19	20	20	25	16	20	14	16	17	9	13	8	19	12	8	10	8	11
10-29	47	35	44	42	30	36	41	39	32	27	31	33	23	27	23	28	33	24	23	30	23	22
30-49	18	30	18	39	24	20	21	28	35	23	14	11	19	13	14	14	13	17	14	12	12	19
50-99	27	36	22	23	28	16	14	31	23	23	18	18	14	14	16	13	7	20	15	20	20	19
100-299	37	33	18	27	16	23	22	28	23	22	22	16	28	18	20	20	17	20	13	13	16	16
300 workers or more	37	26	25	30	25	28	17	16	25	20	27	17	23	12	18	20	16	13	22	20	31	21
total	190	193	150	185	142	143	135	167	154	135	126	111	124	93	104	103	105	106	95	105	110	108

Month of industrial accidents in nonferrous metals/rolling products 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	20	9	16	10	11	14	7	13	14	10	13	8	7	14	8	6	15	7	9	4	10	10
February	10	28	9	19	15	7	12	10	8	10	17	10	12	4	13	8	10	11	10	11	10	5
March	11	19	18	18	14	17	10	12	18	16	6	10	12	4	6	10	3	9	11	7	9	13
April	19	21	17	15	7	7	13	17	12	12	7	14	11	12	10	4	12	4	4	14	7	6
May	9	18	19	18	18	7	9	17	14	13	10	11	9	8	7	12	6	12	10	7	7	7
June	21	10	10	12	12	19	12	11	14	15	14	12	17	4	7	6	11	12	10	7	12	8
July	21	17	14	21	16	12	15	20	15	6	11	6	6	8	5	12	13	13	8	15	10	10
August	14	17	6	16	18	11	22	8	13	8	6	11	9	12	13	8	7	10	9	10	11	15
September	19	8	10	13	6	10	8	15	15	11	8	8	10	6	8	12	5	12	13	8	14	7
October	15	18	7	18	11	14	12	14	13	10	11	13	10	8	13	8	7	6	3	9	8	10
November	15	18	10	17	6	13	9	20	11	10	10	3	13	10	9	11	10	4	3	8	7	6
December	16	10	14	8	8	12	6	10	7	14	13	5	8	3	5	6	6	6	5	5	5	11



total	190	193	150	185	142	143	135	167	154	135	126	111	124	93	104	103	105	106	95	105	110	108
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Prefecture of industrial accidents in nonferrous metals/rolling products 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	3	0		2		0	0	0	0	0	1	0	0	0	0	1	0	1	1	1	0
Aomori	0	0	3		0		1	0	0	2	1	5	4	0	0	1	0	1	0	0	0	0
Iwate	0	0	0		0		0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0
Miyagi	5	0	1		0		0	1	0	1	0	0	0	0	3	2	4	1	0	2	0	0
Akita	4	10	6		1		3	3	7	2	3	3	1	3	1	2	1	1	2	0	4	8
Yamagata	1	0	0		0		1	0	2	2	0	0	0	0	1	2	2	0	5	0	0	0
Fukushima	4	8	8		6		2	4	8	4	4	5	4	5	6	5	3	0	3	4	2	4
Ibaraki	11	9	11		8		5	7	10	3	5	9	3	3	4	5	6	7	6	6	5	8
Tochigi	14	6	7		7		4	6	9	5	6	8	3	4	3	5	5	4	1	6	10	6
Gunma	4	5	3		1		9	12	5	3	4	7	6	2	2	2	3	3	3	3	4	0
Saitama	9	11	14		11		11	11	14	8	16	10	10	7	9	7	5	9	5	12	7	9
Chiba	7	6	6		3		4	6	2	2	0	1	9	2	2	3	5	7	3	6	7	4
Tokyo	9	4	5		4		4	5	4	3	2	0	0	2	6	1	3	2	3	3	2	2
Kanagawa	5	2	4		1		3	4	1	4	1	3	6	0	4	0	0	4	1	1	1	0
Niigata	0	6	6		3		2	8	2	3	2	1	5	8	5	1	2	3	3	2	4	6
Toyama	10	8	2		4		3	8	0	9	7	0	3	3	5	7	6	2	7	3	4	2
Ishikawa	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukui	3	6	0		6		1	1	3	2	1	1	1	2	0	1	0	4	1	3	1	2
Yamanashi	1	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagano	3	3	4		3		1	2	1	1	0	1	0	2	0	1	1	1	0	0	1	0
Gifu	5	3	3		7		14	6	2	3	1	1	3	2	1	0	3	0	0	2	0	2
Shizuoka	11	10	7		5		5	10	8	7	10	6	3	4	5	10	5	2	5	3	2	9
Aichi	10	23	14		10		14	14	15	12	16	10	17	6	10	8	9	10	12	10	10	7
Mie	7	7	2		6		6	3	2	5	1	4	0	3	4	1	2	2	1	0	5	5
Shiga	3	3	3		4		2	2	1	2	1	1	3	2	1	5	1	3	1	2	2	1
Kyoto	9	8	4		9		5	11	13	2	4	3	10	4	4	2	8	5	1	4	7	6
Osaka	21	14	7		9		10	13	13	16	10	10	9	10	8	12	11	4	10	13	9	11
Hyogo	5	7	6		8		3	7	2	6	12	3	9	5	4	1	3	1	2	1	3	2
Nara	0	0	0		0		1	1	0	1	1	0	1	0	0	1	0	0	0	0	0	0
Wakayama	1	0	0		0		0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
Tottori	0	2	0		1		0	1	0	0	0	0	1	0	0	0	1	0	1	0	0	0





construction machine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0
general machine	2	1	2	0	0	1	1	0	1	0	0	0	3	0	0	2	0	0	0	0	0	0
mobile silviculture machine																0	0	0	0	0	0	
crane	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
conveying machine	1	1	0	3	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0
vehicle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	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	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
temporary buildings, establishments	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
hazards, harmful substances	1	1	1	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0
materials	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
load	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	0	0	1	0	4	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
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
total	7	7	5	5	1	3	3	1	4	0	6	1	4	2	5	5	0	1	2	1	1	0













10-29	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
30-49	0	0	0	1	0	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
50-99	1	1	0	0	0	0	0	1	0	0	2	0	2	0	0	1	0	0	0	0	0	0
100-299	1	3	0	1	1	2	0	0	1	0	3	0	1	1	3	2	0	1	1	0	0	0
300 workers or more	3	3	4	3	0	0	1	0	1	0	1	0	0	0	1	2	0	0	0	1	1	0
total	7	7	5	5	1	3	3	1	4	0	6	1	4	2	5	5	0	1	2	1	1	0

Month of fatal accidents in nonferrous metals/rolling products 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	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
February	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
March	0	1	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	1	0
April	0	1	1	1	0	0	0	1	0	0	0	0	0	1	2	1	0	0	0	0	0	0
May	0	2	0	0	0	2	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0
June	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	1	0	0	1	0	0	0
July	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
August	1	1	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0
September	0	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
October	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0
November	1	0	3	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
December	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
total	7	7	5	5	1	3	3	1	4	0	6	1	4	2	5	5	0	1	2	1	1	0

Prefecture of fatal accidents in nonferrous metals/rolling products 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	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0
Miyagi	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	1	0	0	0
Yamagata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukushima	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
Ibaraki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0



Oita	0	0	0	0	0	1	0	0	0	0	3	0	0	0	0	1	0	1	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	7	7	5	5	1	3	3	1	4	0	6	1	4	2	5	5	0	1	2	1	1	0

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](https://www.jisha.or.jp/english/statistics/2020e_industry.html)