

Industrial accidents in other nonferrous metal products in Japan in 1999-2020

other nonferrous metal products industry Code No.011109

Type of accidents in other nonferrous metal 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	11	14	14	15	10	15	20	17	17	19	13	12	12	17	13	14	10	13	16	13	10	12
falling to same level	19	16	20	21	12	16	16	16	18	26	19	14	11	19	11	11	16	10	10	17	16	14
crash	5	5	13	6	6	8	7	8	10	7	4	3	4	5	3	3	2	6	3	11	3	7
struck by flying or falling object	21	29	18	14	16	28	18	16	27	17	13	9	9	22	10	14	5	13	8	10	4	7
collapse	3	8	6	4	5	1	6	3	5	5	4	2	1	5	2	3	3	2	0	3	4	2
crashed by	12	8	9	14	4	4	7	5	7	6	6	9	11	8	7	7	4	11	2	9	4	10
caught in/between	73	63	74	73	75	71	65	60	56	69	46	52	48	53	50	36	46	51	38	49	41	34
cut	23	21	12	19	21	17	23	13	9	11	12	8	13	12	11	7	11	10	10	8	4	8
injury to the sole of the foot	1	1	2	-	1	1	0	1	2	0	0	0	0	1	0	0	2	0	0	0	0	0
drown	0	0	1	-	0	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	13	15	9	5	14	22	9	14	17	13	5	12	7	14	11	11	9	5	5	12	7	6
contact to harmful substance	5	1	3	6	4	2	2	4	1	4	4	3	6	3	0	2	0	3	1	2	0	1
electric shock	0	2	1	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0
explosion	3	3	2	2	4	-	2	1	1	3	1	0	2	0	0	0	0	0	0	0	0	0
burst	0	0	0	1	1	-	0	1	2	0	0	0	0	0	0	0	0	3	0	1	0	0
fire	0	0	0	-	0	-	0	1	0	1	0	0	0	1	0	2	0	0	0	0	2	0
traffic accident (public road)	1	2	2	1	4	2	6	1	1	2	0	0	0	0	0	3	1	2	0	0	1	0
traffic accident (others)	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
reaction to motion/improper motion	11	13	17	16	10	11	18	14	23	23	15	8	10	7	18	6	9	7	16	14	17	14
others	1	2	0	-	2	-	1	0	0	1	0	2	0	3	0	0	2	1	1	0	1	1

unclassifiable	0	0	0	-	1	-	1	0	0	1	0	0	0	0	2	0	1	0	0	0	1	
total	202	203	203	198	190	199	201	175	196	209	143	136	134	170	136	121	121	138	110	149	114	117

Causal agents (middle) of industrial accidents in other nonferrous metal 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	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	3	4	5	2	2	2	3	1	1	1	2	1	1	2	1	1	1	2	1	3	3	1
woodworking machine	3	1	1	4	4	2	2	2	1	1	0	1	3	3	0	3	2	0	1	0	0	1
construction machine	2	0	1	-	1	-	0	0	1	0	0	0	0	1	0	0	2	1	0	1	0	2
metal manufacturing machine	51	29	30	36	35	41	33	30	37	31	30	24	26	26	19	20	22	26	22	28	14	11
general machine	24	24	27	23	32	27	22	24	21	26	13	22	15	16	23	16	15	16	11	16	16	16
mobile silviculture machine																	0	0	0	0	0	0
crane	6	4	2	8	5	4	9	7	5	4	2	5	7	10	4	2	1	6	4	6	3	1
conveying machine	17	23	20	28	11	17	18	12	17	16	9	11	9	15	17	9	12	14	15	14	14	14
vehicle	1	1	2	1	4	2	7	1	1	1	1	0	1	1	0	3	2	1	0	3	2	0
pressure vessel	1	0	1	-	0	-	1	0	2	0	0	0	0	1	0	1	0	0	0	0	0	0
chemical facilities	0	1	0	2	0	-	3	2	0	1	0	0	0	0	0	0	0	4	1	2	0	0
welding equipment	1	0	1	-	0	1	0	0	1	0	2	0	1	3	1	0	0	3	0	0	1	0
kiln, caldron	3	3	4	4	6	2	2	5	10	7	2	6	3	5	2	3	3	4	2	2	6	3
electric equipment	1	2	2	1	1	3	0	0	1	1	1	2	0	0	0	0	1	0	0	1	0	0
human power machine, tools	8	7	8	5	11	11	5	5	6	10	5	3	3	8	7	7	0	4	2	3	4	3
tools	8	16	17	12	11	12	12	10	23	13	7	7	11	17	6	9	10	10	6	14	8	12
other equipments, facilities	5	6	3	6	3	5	7	2	5	6	5	3	4	5	6	6	1	4	3	4	4	4
temporary buildings,	16	19	17	21	18	15	18	18	13	28	22	10	18	16	13	12	15	10	16	20	9	10

establishments																						
hazards, harmful substances	7	4	5	5	6	5	4	6	0	6	6	2	8	5	2	6	2	3	0	3	1	1
materials	28	36	31	24	25	28	32	32	28	27	17	20	16	19	23	13	14	17	12	11	7	14
load	11	13	15	11	10	14	12	6	13	17	13	6	6	5	2	2	9	7	3	5	9	12
natural environment	4	2	2	1	3	4	1	3	2	4	1	6	1	6	2	3	4	1	3	3	4	1
other causal agent	0	2	0	2	1	2	4	0	0	2	0	2	0	2	0	2	2	1	2	3	1	2
no causal agent	2	6	9	1	0	2	5	8	8	7	5	5	1	4	8	2	3	3	6	7	8	9
unclassifiable	0	0	0	1	1	-	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0
total	202	203	203	198	190	199	201	175	196	209	143	136	134	170	136	121	121	138	110	149	114	117

Causal agents (small) of industrial accidents in other nonferrous metal 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	0	0	0	0	0	0	0	0	0
power transmission mechanism			5		2		3	1	1	1	2	1	1	2	1	1	1	2	1	3	3	1
circular sawing machine			1		2		2	2	0	1	0	1	2	1	0	1	1	0	0	0	0	0
band sawing machine			0		0		0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0
wood planer machine			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hollow chisel mortiser, wood borer			0		1		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	1	0	0	0	0	0	0	0	0
chain saw			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
other woodworking machines			0		0		0	0	1	0	0	0	0	1	0	1	0	0	1	0	0	0
leveling, transporting or loading machine			1		1		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
excavating machine			0		0		0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0



machine																0	0	0	0	0	0
other mobile silviculture machine																0	0	0	0	0	0
crane			2	5	5	3	4	4	1	4	7	7	4	2	1	6	4	5	3	1	
mobile crane			0	0	1	1	0	0	0	0	0	1	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	1	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	
cargo lifting appliance			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	2	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	
truck			6	1	7	2	5	2	4	3	2	4	7	2	3	5	6	2	2	1	
forklift			9	5	7	6	6	12	1	5	3	9	6	4	7	4	4	9	6	7	
railway equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
conveyor			4	3	4	2	4	1	2	3	4	2	3	1	2	3	4	1	2	4	
loader			0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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	2	2	1	2	0	0	0	1	1	0	2	1	1	3	1	
cars, bus, motorcycle			1	4	7	1	1	1	1	0	1	1	0	3	2	1	0	3	2	0	
railway vehicle			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other vehicles			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
boiler			0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	
pressure vessel			0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
other pressure vessels			1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
chemical facilities			0	0	3	2	0	1	0	0	0	0	0	0	0	4	1	2	0	0	
gas welding			0	0	0	0	1	0	2	0	1	2	0	0	0	0	0	0	0	0	

equipment																						
arc welding equipment			0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0
other welding equipment			1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	
kiln, caldron			3	5	2	4	8	6	2	6	3	4	2	3	1	4	2	2	4	2	2	
industrial dryer			1	0	0	0	2	0	0	0	0	0	0	0	2	0	0	0	0	1	0	
other kiln, caldron			0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	
transmission			0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	
electric power facilities			1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
other electrical equipment			1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
human power cranes			0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
human power hauling equipment			5	4	2	1	3	6	2	1	2	5	3	2	0	3	2	2	2	2	2	
human power machine			0	1	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	
hand tool			3	6	2	3	3	3	3	2	1	3	4	2	0	1	0	1	2	1	1	
ladder			5	1	6	6	8	6	3	6	4	3	1	3	3	2	2	7	4	4	4	
slinging tool			3	3	2	0	3	0	3	0	2	3	1	1	1	0	0	2	1	1	1	
other tools			9	7	4	4	12	7	1	1	5	11	4	5	6	8	4	5	3	7	7	
other equipment, facilities			3	3	7	2	5	6	5	3	4	5	6	6	1	4	3	4	4	4	4	
scaffolding			0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	
timbering			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
stairs, landing stage			3	3	5	4	2	4	6	0	1	1	3	3	5	2	6	3	3	2	2	
opening			0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
roof, beam, haze, crossbeam, principal rafter			0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
working platform, boot board			4	3	1	4	3	3	1	3	2	4	2	2	3	4	2	2	2	2	0	
passage			8	6	6	8	6	15	11	5	7	6	5	4	5	3	5	7	4	4	4	
building, establishment			2	3	3	0	1	4	2	2	5	1	3	1	2	0	3	3	0	2	2	



19 years old or less	4	5	6	5	8	6	9	4	5	4	3	3	3	6	5	1	5	5	2	5	3	1
20-29	35	48	45	33	37	40	40	28	33	45	26	22	23	40	26	22	20	32	25	27	21	15
30-39	38	42	35	40	49	46	42	49	41	45	33	38	41	38	31	24	30	30	16	28	24	24
40-49	48	43	42	31	32	41	30	30	42	38	35	31	38	34	27	41	28	40	29	45	28	31
50-59	57	57	57	67	41	47	53	36	43	53	30	29	12	32	29	18	22	15	26	25	21	33
60 years old or more	20	8	18	22	23	19	27	28	32	24	16	13	17	20	18	15	16	16	12	19	17	13
total	202	203	203	198	190	199	201	175	196	209	143	136	134	170	136	121	121	138	110	149	114	117

Workers' number of workplace of industrial accidents in other nonferrous metal 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	47	43	38	33	41	38	43	27	33	25	28	16	20	25	17	13	12	21	17	21	13	16
10-29	49	49	53	57	49	62	49	46	45	49	34	36	31	48	43	31	35	27	34	28	19	27
30-49	29	19	29	26	27	20	30	33	27	28	16	15	16	26	18	20	17	21	13	27	20	11
50-99	31	30	28	35	32	31	34	23	37	37	22	28	17	26	21	21	29	34	16	21	25	22
100-299	34	44	42	33	34	28	30	24	29	45	27	30	26	31	26	24	22	29	22	39	27	30
300 workers or more	12	18	13	14	7	20	15	22	25	25	16	11	24	14	11	12	6	6	8	13	10	11
total	202	203	203	198	190	199	201	175	196	209	143	136	134	170	136	121	121	138	110	149	114	117

Month of industrial accidents in other nonferrous metal 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	18	23	16	22	13	16	18	11	23	20	8	7	7	16	13	7	8	14	9	14	5	12
February	20	15	20	15	6	19	18	13	25	18	7	9	13	12	6	10	11	17	9	10	10	13
March	13	13	12	17	17	16	16	13	20	18	17	15	14	16	8	10	12	16	11	12	10	10
April	13	14	22	19	19	13	14	18	21	14	11	8	10	15	8	7	9	11	12	9	9	5
May	24	21	13	19	20	13	15	9	16	17	11	13	9	12	17	9	9	15	15	14	12	9
June	19	17	16	9	18	12	16	15	12	19	15	14	12	9	13	8	15	11	10	11	8	12
July	21	12	20	20	18	17	21	7	12	24	12	14	20	18	10	8	13	9	6	18	11	8
August	18	13	16	18	18	18	14	14	14	10	14	13	5	19	14	15	3	11	7	5	9	6
September	18	22	16	18	16	27	24	20	15	24	10	6	12	9	14	12	9	11	8	15	10	8
October	6	15	14	16	15	16	19	24	15	16	12	17	10	19	19	13	10	6	6	8	13	16
November	21	18	26	15	16	17	14	11	13	13	10	7	14	16	10	12	13	11	10	16	13	13
December	11	20	12	10	14	15	12	20	10	16	16	13	8	9	4	10	9	6	7	17	4	5



total	202	203	203	198	190	199	201	175	196	209	143	136	134	170	136	121	121	138	110	149	114	117
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Prefecture of industrial accidents in other nonferrous metal 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	1	0	0		2		2	0	1	1	2	2	1	4	1	1	0	1	1	0	1	1
Aomori	3	2	0		0		2	1	3	4	3	1	1	0	2	1	1	0	3	5	1	1
Iwate	2	1	1		2		1	2	1	3	0	3	1	2	0	2	0	0	3	0	0	0
Miyagi	2	0	1		4		1	4	0	3	3	6	3	2	4	1	2	3	0	2	2	4
Akita	0	0	0		1		0	0	0	0	2	0	0	0	1	2	2	1	0	0	0	0
Yamagata	3	0	2		0		2	2	0	1	1	1	2	1	0	0	0	1	2	2	0	1
Fukushima	7	3	6		4		4	2	1	4	0	0	0	3	9	2	2	2	2	2	3	1
Ibaraki	12	12	11		10		10	9	21	14	7	10	5	7	8	5	10	6	8	9	5	6
Tochigi	7	12	8		4		10	9	6	1	3	2	4	6	4	5	2	1	3	3	6	5
Gunma	8	1	5		4		6	4	9	9	1	2	2	5	4	2	5	3	2	7	3	5
Saitama	20	27	12		19		18	11	19	20	7	10	8	12	7	8	4	7	8	9	5	8
Chiba	9	8	5		6		3	5	5	10	9	9	10	8	8	8	5	5	8	6	4	6
Tokyo	11	2	7		8		3	3	2	5	5	2	3	1	3	4	2	2	0	3	2	2
Kanagawa	10	9	7		8		9	9	12	7	5	2	11	8	6	9	4	12	5	6	10	4
Niigata	2	2	4		3		3	1	2	3	4	3	3	1	1	4	4	3	2	2	1	3
Toyama	14	12	7		12		13	19	13	8	12	8	9	17	4	6	6	12	8	12	12	9
Ishikawa	0	3	0		3		0	0	1	0	1	0	1	1	2	0	1	1	1	0	1	0
Fukui	2	1	3		1		1	2	2	2	6	4	1	2	4	1	2	2	3	0	1	0
Yamanashi	0	2	5		2		1	1	0	2	3	1	0	0	0	1	1	1	2	1	1	0
Nagano	3	8	1		4		2	3	2	2	2	3	6	2	5	1	1	5	1	3	2	2
Gifu	2	4	7		6		3	3	3	7	5	2	1	5	5	5	3	3	2	3	4	6
Shizuoka	14	21	16		6		13	8	11	12	3	3	3	5	5	4	5	7	2	10	6	3
Aichi	11	11	17		9		11	16	9	7	9	8	8	7	5	9	9	9	6	9	7	11
Mie	2	6	9		9		7	5	11	4	3	6	4	7	5	6	5	6	5	3	3	2
Shiga	3	4	5		3		13	8	10	14	2	4	5	9	4	2	2	6	1	6	3	1
Kyoto	3	2	5		4		6	3	4	11	3	4	2	3	4	2	2	2	1	1	1	0
Osaka	25	16	26		25		18	19	20	28	13	13	20	21	11	11	24	16	12	19	8	10
Hyogo	13	6	4		8		8	5	12	8	9	7	5	7	8	6	3	2	3	4	4	6
Nara	1	1	1		2		1	3	1	1	4	5	0	0	1	0	2	1	0	2	0	0
Wakayama	0	1	1		0		1	0	1	0	1	0	0	1	0	0	1	0	1	1	0	0
Tottori	0	0	0		1		1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	1

Shimane	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Okayama	0	1	1	1	3	2	0	0	1	1	1	2	0	1	1	1	4	3	3	2
Hiroshima	4	2	5	3	1	4	1	6	2	6	3	2	1	0	2	3	1	0	1	2
Yamaguchi	1	1	1	0	2	0	2	1	2	0	0	0	0	0	0	0	0	0	1	0
Tokushima	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Kagawa	2	3	2	5	1	1	1	0	1	0	1	4	1	1	0	3	0	2	0	2
Ehime	0	0	3	1	3	1	1	2	1	1	2	1	0	2	0	2	1	2	2	0
Kochi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
Fukuoka	1	1	8	2	4	3	6	5	6	4	2	5	8	7	5	5	3	10	7	8
Saga	0	1	3	0	2	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0
Nagasaki	0	0	1	1	1	0	0	1	1	0	1	0	1	0	0	1	1	1	0	0
Kumamoto	2	14	2	2	5	2	1	0	1	0	1	3	0	2	0	1	2	0	2	2
Oita	1	1	0	0	1	0	1	1	0	0	1	2	0	0	0	0	0	0	0	0
Miyazaki	0	1	1	4	2	2	0	1	0	0	2	3	3	0	0	1	0	1	0	0
Kagoshima	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1
Okinawa	1	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
total	202	203	203	190	201	175	196	209	143	136	134	170	136	121	121	138	110	149	114	117

Industrial accidents mean fatal and non-fatal injuries with work absence of 4 days and more. Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

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

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Fatal accidents in other nonferrous metal products in Japan in 1999-2020

other nonferrous metal products industry Code No.011109

Type of fatal accidents in other nonferrous metal 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	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
falling to same level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
crash	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
struck by flying or	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0



construction machine	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
general machine	1	0	2	0	0	2	0	0	1	1	0	1	0	0	0	0	0	0	0	0	1	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
conveying machine	0	1	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
vehicle	0	0	1	0	0	0	0	1	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	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	0	2	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	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other equipments, facilities	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
hazards, harmful substances	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
materials	0	0	0	0	0	0	0	1	0	0	0	0	0	0	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	2	0	1	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
no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	6	1	7	1	2	2	0	3	4	2	1	2	0	0	0	1	1	4	0	0	1	0

















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	1	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	6	1	7	1	2	2	0	3	4	2	1	2	0	0	0	1	1	4	0	0	1	0

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

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