

Industrial accidents in other ceramic products in Japan in 1999-2020

other ceramic products industry Code No.010905

Type of accidents in other ceramic 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	22	23	13	15	12	14	13	8	16	7	12	7	9	9	3	5	3	9	5	9	5	4
falling to same level	17	11	9	5	7	6	7	14	7	5	8	4	5	7	5	6	5	8	10	9	6	6
crash	6	7	6	3	3	1	4	8	2	4	2	3	4	2	4	3	2	2	0	4	1	3
struck by flying or falling object	10	10	4	6	9	7	7	11	4	11	1	3	1	2	4	3	5	2	1	3	4	4
collapse	4	1	2	3	2	1	2	0	2	1	1	0	0	1	0	1	0	1	1	1	1	0
crashed by	8	4	5	1	3	6	6	4	2	1	1	4	2	1	2	2	2	1	1	2	1	2
caught in/between	49	41	40	34	38	36	23	26	32	19	16	16	15	18	21	15	9	14	12	15	8	6
cut	5	6	4	4	4	7	0	1	7	7	2	3	2	4	2	5	4	4	1	1	2	3
injury to the sole of the foot	0	0	0	1	0	-	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0
drown	0	0	1	-	0	-	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	3	2	0	1	5	-	0	2	2	2	1	2	0	2	1	0	0	0	1	1	3	0
contact to harmful substance	1	1	0	-	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
electric shock	1	0	0	-	0	-	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0
explosion	1	0	1	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
burst	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	1	1	0	-	2	-	2	0	0	1	1	1	0	0	0	0	1	0	0	0	0	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	8	7	5	4	4	4	7	6	3	5	6	2	3	3	3	3	1	3	3	3	7	2
others	0	0	0	-	0	-	0	0	0	0	0	0	2	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
total	136	114	90	77	90	83	71	81	79	63	51	45	43	49	45	45	35	47	35	48	38	30

Causal agents (middle) of industrial accidents in other ceramic 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	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
power transmission mechanism	3	3	5	1	2	1	3	0	3	0	0	1	1	1	2	1	0	1	0	0	2	2
woodworking machine	2	2	1	-	0	3	0	0	1	0	0	1	0	1	0	0	1	1	0	0	2	2
construction machine	4	0	2	-	1	1	1	1	2	1	1	1	1	0	1	0	0	0	0	1	0	0
metal manufacturing machine	4	4	3	4	5	6	6	4	1	3	1	4	1	3	3	1	2	2	2	1	0	0
general machine	20	16	21	17	16	20	6	15	16	13	8	7	7	12	7	6	4	10	4	5	5	4
mobile silviculture machine																	0	0	0	0	0	0
crane	1	4	1	4	6	-	1	1	0	1	1	1	0	0	2	0	0	0	0	0	0	0
conveying machine	30	28	16	13	15	16	14	12	12	13	5	7	11	9	8	10	8	8	6	10	6	4
vehicle	3	1	0	-	1	-	1	0	1	1	3	0	0	0	0	0	1	0	0	0	0	0
pressure vessel	0	0	0	-	0	-	0	2	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	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
kiln, caldron	1	2	2	1	1	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0
electric equipment	1	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	8	2	4	6	3	9	2	3	6	2	2	4	3	0	2	5	0	2	1	5	1	2
tools	14	10	5	8	7	6	4	3	6	3	4	2	6	0	3	4	3	4	4	7	5	1
other equipments, facilities	4	3	3	1	0	2	2	2	5	4	2	0	2	0	1	5	0	1	1	1	0	1
temporary buildings,	18	16	13	12	10	12	11	19	10	7	12	6	6	14	8	3	7	11	8	10	9	7

establishments																						
hazards, harmful substances	1	2	0	-	3	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0
materials	10	10	8	7	12	4	12	3	9	7	6	3	2	4	3	4	7	1	4	1	2	4
load	7	5	3	1	4	-	3	7	4	2	3	2	0	2	3	3	1	2	2	1	0	2
natural environment	1	1	1	1	2	-	0	2	1	0	0	4	1	2	0	1	1	0	0	3	1	0
other causal agent	0	1	0	-	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0
no causal agent	4	3	2	1	1	-	5	5	1	5	2	2	2	1	1	1	0	2	2	2	4	1
unclassifiable	0	0	0	-	1	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
total	136	114	90	77	90	83	71	81	79	63	51	45	43	49	45	45	35	47	35	48	38	30

Causal agents (small) of industrial accidents in other ceramic 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	1	0	0
power transmission mechanism			5		2		3	0	3	0	0	1	1	1	2	1	0	1	0	0	2	2
circular sawing machine			0		0		0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	2
band sawing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
wood planer machine			0		0		0	0	0	0	0	1	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			1		0		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines			0		0		0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0
leveling, transporting or loading machine			0		0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
excavating machine			2		1		1	1	1	1	0	0	0	0	0	0	0	0	0	1	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			1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
industrial dryer			1	0	0	0	0	0	0	0	0	0	1	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	0	0
transmission			0	0	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	0	0
other electrical equipment			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes			1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
human power hauling equipment			2	2	1	2	3	1	2	4	2	0	1	3	0	0	0	4	1	1		
human power machine			0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool			1	0	0	0	2	1	0	0	1	0	1	2	0	2	1	1	0	0		
ladder			1	3	3	0	5	1	3	1	1	0	2	0	1	2	3	5	2	1		
slinging tool			1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
other tools			3	4	1	2	1	2	1	0	5	0	1	4	2	2	1	2	3	0		
other equipment, facilities			3	0	2	2	5	4	2	0	2	0	1	5	0	1	1	1	0	1		
scaffolding			3	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0		
timbering			0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0		
stairs, landing stage			0	3	4	0	1	0	1	1	1	2	0	0	0	1	3	0	2	1		
opening			0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0		
roof, beam, haze, crossbeam, principal rafter			1	0	0	1	0	0	2	1	0	1	1	0	0	1	0	1	0	0		
working platform, boot board			3	2	1	7	3	1	0	1	2	3	1	0	2	0	0	0	1	0		
passage			3	2	3	3	2	5	3	1	2	5	3	1	2	8	4	8	4	4		
building, establishment			1	2	3	5	1	1	5	0	0	1	1	0	2	0	0	1	2	1		

19 years old or less	4	7	1	2	3	1	1	2	0	1	2	1	2	1	3	1	0	1	0	1	1	0
20-29	25	18	15	12	13	12	12	7	20	11	1	2	5	5	8	5	9	3	2	4	2	3
30-39	17	20	12	14	22	19	11	16	12	9	8	10	9	8	6	12	8	10	8	11	8	4
40-49	31	21	18	19	14	13	12	16	16	20	8	10	12	9	12	12	6	14	7	10	7	7
50-59	47	38	29	23	27	28	27	23	19	18	22	14	9	13	10	8	7	8	13	11	8	8
60 years old or more	12	10	15	7	11	10	8	17	12	4	10	8	6	13	6	7	5	11	5	11	12	8
total	136	114	90	77	90	83	71	81	79	63	51	45	43	49	45	45	35	47	35	48	38	30

Workers' number of workplace of industrial accidents in other ceramic 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	17	31	17	21	17	12	17	17	14	10	13	11	8	9	9	5	3	13	6	11	7	7
10-29	54	36	36	27	29	37	22	24	27	16	21	15	22	18	13	19	17	17	12	18	16	15
30-49	27	20	17	14	19	20	17	25	15	19	11	8	9	13	7	13	6	12	5	15	8	5
50-99	24	22	12	7	16	10	11	9	19	10	5	7	3	7	9	5	5	3	3	2	3	1
100-299	14	5	7	8	8	4	3	6	4	8	1	4	1	2	7	3	4	2	9	2	4	2
300 workers or more	0	0	1	—	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	136	114	90	77	90	83	71	81	79	63	51	45	43	49	45	45	35	47	35	48	38	30

Month of industrial accidents in other ceramic 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	10	9	9	6	2	5	8	6	7	10	8	2	4	4	4	5	4	6	3	4	3	4
February	6	8	4	8	9	6	8	10	7	7	6	2	5	5	2	7	2	5	4	3	3	3
March	11	6	11	5	4	9	6	12	11	6	5	4	1	6	4	1	3	2	6	2	4	0
April	11	11	10	5	10	5	2	4	3	5	3	2	3	6	2	3	3	3	1	5	2	3
May	13	9	9	9	8	7	11	7	5	3	1	2	9	5	3	2	3	1	2	5	3	2
June	14	16	5	5	10	5	4	8	7	7	2	3	5	5	6	5	5	4	1	10	1	3
July	10	3	8	8	8	6	4	10	9	6	3	6	3	5	7	5	1	4	3	5	3	2
August	14	8	5	9	7	6	2	7	4	4	6	4	2	4	3	6	0	3	5	3	3	2
September	10	10	6	5	10	6	10	5	5	4	5	4	3	5	3	3	3	7	4	1	5	8
October	11	10	8	4	8	7	2	2	7	5	7	5	3	1	5	1	3	5	0	4	3	1
November	12	14	10	3	9	11	2	3	10	3	4	6	1	2	4	6	6	3	3	2	5	0
December	14	10	5	10	5	10	12	7	4	3	1	5	4	1	2	1	2	4	3	4	3	2

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	1	2	1	3	4	1	2	0	1	1	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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