

Industrial accidents in other precision machine products in Japan in 1999-2020

other precision machine products industry Code No.011305

Type of accidents in other precision machine 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	26	26	30	23	25	21	32	28	24	19	14	15	18	24	13	14	17	17	18	17	26	16
falling to same level	40	28	38	28	28	28	28	27	35	29	21	25	29	22	16	27	33	35	33	35	29	30
crash	11	16	16	8	13	7	16	7	17	8	4	6	14	7	2	5	7	5	5	10	8	7
struck by flying or falling object	26	46	53	35	45	40	35	29	31	35	23	10	23	32	20	15	24	21	18	13	19	12
collapse	7	10	4	10	6	7	10	7	4	6	2	4	2	7	6	2	1	7	1	3	4	3
crashed by	9	16	18	15	20	10	13	17	19	10	6	10	14	11	6	10	8	5	8	6	15	7
caught in/between	127	119	113	106	108	69	94	70	92	102	49	56	72	61	56	45	49	47	44	52	43	50
cut	50	37	44	39	38	30	38	33	42	23	17	26	15	18	11	18	12	11	7	17	14	8
injury to the sole of the foot	0	0	0	-	0	1	0	0	2	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	4	4	3	4	3	5	5	5	3	1	0	5	2	0	2	3	2	4	2	2	2	1
contact to harmful substance	3	5	3	2	3	1	3	1	2	3	1	1	1	0	2	2	1	0	0	0	0	1
electric shock	0	0	3	-	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0
explosion	0	1	0	-	0	-	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0
burst	0	0	0	-	2	-	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	2	0	2	-	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0
traffic accident (public road)	6	4	9	3	7	3	2	12	6	8	2	5	6	4	2	5	2	0	4	4	1	1
traffic accident (others)	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0
reaction to motion/improper motion	25	18	21	19	23	17	30	26	29	32	14	25	22	21	23	23	22	30	27	34	34	25
others	2	0	0	-	1	-	2	1	0	1	1	1	16	1	0	0	1	2	1	3	2	1

unclassifiable	0	2	1	-	1	-	0	0	1	0	0	0	2	0	0	0	0	0	0	0	1	
total	338	332	358	292	324	241	309	264	309	277	154	189	236	209	161	170	179	185	171	198	198	163

Causal agents (middle) of industrial accidents in other precision machine 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	1	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	1	6	0	4	2	2	2	3	1	1	1	2	2	3	1	3	1	1	1	3	3	3
woodworking machine	1	3	0	3	3	1	3	3	3	1	2	1	1	2	0	0	0	1	1	0	5	2
construction machine	0	0	0	-	0	1	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1	0
metal manufacturing machine	102	88	99	86	98	56	82	72	92	76	38	44	51	54	49	44	38	38	27	35	28	32
general machine	31	30	23	33	28	19	24	11	19	32	16	17	20	19	11	11	13	8	12	8	16	15
mobile silviculture machine																	0	0	0	0	0	0
crane	12	11	9	12	11	10	9	8	12	8	6	7	5	7	10	6	7	2	4	3	3	2
conveying machine	17	15	17	9	16	10	16	14	18	11	1	9	12	12	7	2	7	9	8	15	11	6
vehicle	9	4	9	3	4	6	5	10	7	5	2	8	6	6	2	7	2	1	8	4	4	1
pressure vessel	1	0	1	1	3	1	2	1	1	0	1	1	0	0	0	0	0	0	1	2	2	0
chemical facilities	0	0	0	-	0	-	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
welding equipment	4	1	3	4	2	-	3	1	3	2	1	1	0	0	2	1	1	0	0	0	0	1
kiln, caldron	0	2	0	1	1	2	0	0	0	2	0	1	1	0	0	0	2	0	0	1	0	1
electric equipment	0	2	2	1	2	1	0	1	0	0	0	0	0	2	0	0	1	1	2	1	0	0
human power machine, tools	17	14	16	12	13	12	12	10	15	10	18	8	13	6	4	8	7	11	9	10	11	3
tools	24	24	27	19	21	21	23	25	17	17	12	8	19	18	14	6	17	14	16	17	20	16
other equipments, facilities	3	6	7	8	4	8	9	7	9	6	2	4	3	0	4	2	7	5	8	7	8	5
temporary buildings,	40	35	49	38	38	32	40	32	38	28	23	30	31	26	15	32	37	32	31	40	33	29

machine																0	0	0	0	0	0
other mobile silviculture machine																0	0	0	0	0	0
crane			8	10	6	7	10	7	6	5	4	4	6	3	7	2	4	3	3	3	2
mobile crane			1	0	0	0	1	0	0	0	0	1	1	1	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	0
elevator, lift			0	1	1	0	1	0	0	1	0	1	1	1	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	0	0	0	0
gondola			0	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	0
simple skyline yarding equipment															0	0	0	0	0	0	0
other powered crane			0	0	2	1	0	1	0	1	1	1	2	1	0	0	0	0	0	0	0
truck			9	7	8	4	5	4	0	0	3	5	2	1	4	5	3	7	3	5	5
forklift			5	4	5	3	8	2	0	8	7	2	1	0	2	2	3	5	7	1	1
railway equipment			0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
conveyor			3	5	3	5	4	4	1	0	1	2	3	1	1	2	0	2	1	0	0
loader			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
straddle carrier			0	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	0
other powered conveying machines			0	0	0	2	1	0	0	1	1	3	1	0	0	0	2	0	0	0	0
cars, bus, motorcycle			9	4	5	10	7	4	2	7	6	6	2	7	2	1	8	4	4	4	1
railway vehicle			0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
other vehicles			0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
boiler			0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel			1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
other pressure vessels			0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	0	0
chemical facilities			0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
gas welding			0	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0

equipment																					
arc welding equipment			1	1		0	0	1	2	0	0	0	0	0	0	1	0	0	0	0	1
other welding equipment			2	1		3	0	1	0	1	0	0	0	1	1	0	0	0	0	0	
kiln, caldron			0	0		0	0	0	1	0	1	0	0	0	1	0	0	0	0	1	
industrial dryer			0	0		0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	
other kiln, caldron			0	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
transmission			0	0		0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	
electric power facilities			1	0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
other electrical equipment			1	2		0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	
human power cranes			0	2		0	2	0	0	1	1	0	0	0	0	0	0	0	1	0	
human power hauling equipment			3	4		4	4	6	6	9	2	6	4	2	3	6	4	4	4	1	
human power machine			2	1		0	0	1	0	0	2	1	0	0	0	1	0	1	0	0	
hand tool			11	6		8	4	8	4	8	3	6	2	2	5	1	6	5	5	2	
ladder			7	8		14	12	4	6	3	2	7	5	8	2	5	9	7	9	8	
slinging tool			12	1		5	3	2	4	6	4	3	2	3	1	4	2	1	2	2	
other tools			8	12		4	10	11	7	3	2	9	11	3	3	8	3	8	6	6	
other equipment, facilities			7	4		9	7	9	6	2	4	3	0	4	2	7	5	8	7	5	
scaffolding			2	2		0	1	1	0	0	1	2	2	0	1	0	0	0	0	1	
timbering			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
stairs, landing stage			13	10		6	9	12	10	5	5	3	7	2	6	5	5	5	5	5	
opening			1	0		0	3	0	0	1	0	0	0	0	1	1	1	0	0	0	
roof, beam, haze, crossbeam, principal rafter			3	0		0	0	2	0	0	1	0	0	0	2	1	0	0	0	0	
working platform, boot board			6	9		12	2	4	3	2	5	3	1	0	5	4	3	8	6	2	
passage			19	14		16	13	8	9	11	13	13	13	8	13	21	19	12	24	15	
building, establishment			2	2		3	2	7	2	3	3	5	0	3	3	3	3	3	3	2	

19 years old or less	14	13	7	10	15	8	13	8	7	8	5	3	4	5	4	5	3	5	3	3	2	2
20-29	75	70	83	63	55	43	68	54	67	55	29	38	50	42	35	29	36	28	15	30	25	21
30-39	60	42	61	52	65	52	67	61	72	72	30	37	58	54	32	36	38	39	40	37	43	38
40-49	61	66	50	50	57	52	46	45	49	43	29	51	57	50	38	45	37	42	45	54	48	37
50-59	93	99	123	71	89	57	83	57	66	55	28	37	36	31	29	23	30	37	37	45	38	46
60 years old or more	35	42	34	46	43	29	32	39	48	44	33	23	31	27	23	32	35	34	31	29	42	19
total	338	332	358	292	324	241	309	264	309	277	154	189	236	209	161	170	179	185	171	198	198	163

Workers' number of workplace of industrial accidents in other precision machine 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	84	90	85	74	76	52	68	67	62	52	38	42	31	45	33	31	42	31	29	37	27	23
10-29	102	81	110	88	89	75	92	63	87	68	38	51	60	60	47	50	30	44	38	36	39	35
30-49	41	38	47	42	51	32	46	32	46	33	17	22	30	22	21	22	23	17	18	21	22	14
50-99	39	49	42	27	48	25	40	37	47	34	17	25	39	28	22	26	25	31	26	32	33	26
100-299	42	46	52	35	39	37	35	42	40	54	26	25	30	34	22	24	25	29	22	27	38	37
300 workers or more	30	28	22	26	21	20	28	23	27	36	18	24	46	20	16	17	34	33	38	45	39	28
total	338	332	358	292	324	241	309	264	309	277	154	189	236	209	161	170	179	185	171	198	198	163

Month of industrial accidents in other precision machine 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	34	25	44	26	31	20	33	22	20	28	19	12	20	19	17	10	10	14	14	19	17	17
February	26	23	24	32	19	13	25	18	26	30	15	15	10	18	13	19	17	14	9	16	19	12
March	23	27	29	29	32	33	21	19	27	26	16	15	23	17	17	22	15	18	15	19	29	11
April	24	24	34	22	25	22	29	23	18	31	18	14	15	21	10	10	9	15	16	18	8	13
May	24	37	31	22	24	19	22	24	30	28	13	13	16	17	13	16	14	19	12	13	18	10
June	29	34	28	21	26	22	23	23	29	18	16	19	20	20	10	12	15	22	16	20	13	21
July	33	29	33	22	27	21	30	25	25	27	10	16	19	21	20	19	20	15	18	15	21	16
August	31	25	30	19	23	21	29	25	31	24	15	17	23	22	11	13	16	14	13	15	12	9
September	20	30	29	24	37	16	30	25	23	11	9	19	27	16	14	16	14	11	9	19	16	13
October	24	28	27	29	28	22	20	21	38	18	8	18	24	16	13	10	16	13	15	13	13	20
November	34	25	23	19	27	16	23	18	18	22	7	17	23	14	12	14	13	13	19	17	21	14
December	36	25	26	27	25	16	24	21	24	14	8	14	16	8	11	9	20	17	15	14	11	7

construction machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
general machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0
conveying machine	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0
vehicle	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
pressure vessel	0	0	0	0	0	1	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	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	0	0	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	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	1	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	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hazards, harmful substances	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	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	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	1	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	2	1	1	0	0	1	0	1	0	1	0	0	2	1	0	0	0	0	1	2	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	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	2	1	1	0	0	1	0	1	0	1	0	0	2	1	0	0	0	0	1	2	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