Industrial accidents in non organic or organic chemical products in Japan in 1999-2020

non organic or organic chemical products industry Code No.010801

Type of accidents in non organic or organic chemical 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	34	46	49	38	40	44	41	40	39	48	30	37	39	36	21	30	26	44	22	30	35	29
falling to same level	37	34	37	28	42	46	41	43	43	36	29	35	47	35	30	39	29	39	30	36	38	32
crash	15	11	16	17	19	10	11	19	15	11	8	10	13	6	13	12	5	8	3	13	9	13
struck by flying or falling object	18	17	23	14	16	18	18	14	14	13	6	13	10	5	7	14	11	6	11	8	7	9
collapse	8	6	2	1	6	1	3	4	5	7	2	7	3	3	1	3	1	5	1	3	4	3
crashed by	10	19	7	11	9	14	8	14	10	10	5	10	6	4	9	10	4	4	8	4	10	8
caught in/between	79	88	61	76	73	61	74	55	59	57	51	44	40	45	40	47	50	40	47	43	59	38
cut	9	15	10	12	20	19	18	10	8	12	12	6	11	12	6	9	5	10	9	6	8	6
injury to the sole of the foot	1	1	2	-	0	-	1	0	0	1	0	2	0	0	0	0	2	3	0	1	0	2
drown	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
contact to high/low-temperature	18	18	16	27	12	17	11	24	19	13	12	12	11	6	15	11	11	13	15	8	14	13
contact to harmful substance	29	28	34	26	20	33	27	25	38	14	15	17	20	16	15	9	25	25	20	20	18	17
electric shock	0	1	0	1	1	-	1	0	1	1	0	1	0	0	1	0	0	0	2	1	1	0
explosion	5	15	7	3	4	9	7	3	5	3	6	5	5	14	2	6	1	4	0	3	7	1
burst	0	1	1	1	1	-	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0
fire	1	0	3	1	4	3	3	5	6	1	3	0	2	3	0	1	2	2	0	2	1	2
traffic accident (public road)	1	6	6	4	5	4	3	4	0	1	1	4	3	0	2	1	0	6	3	1	1	3
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	40	23	28	32	30	26	38	36	43	32	35	22	27	19	26	24	15	29	26	28	22	34
others	0	2	0	1	1	1	1	3	5	3	1	2	2	0	2	2	3	1	0	6	0	1

unclassifiable	1	0	2	1	0	1	0	0	1	0	0	0	0	0	0	3	0	2	0	1	1	0
total	306	331	304	294	303	307	306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

Causal agents (middle) of industrial accidents in non organic or organic chemical 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	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1
power transmission mechanism	8	2	4	3	7	1	6	5	1	3	5	4	2	3	6	3	2	4	2	3	3	2
woodworking machine	1	2	1	3	4	2	3	2	4	1	2	3	1	0	0	1	0	1	1	1	0	1
construction machine	1	2	1	-	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	2	0
metal manufacturing machine	7	7	7	5	4	5	4	3	2	5	2	1	5	5	1	3	3	1	3	3	3	2
general machine	51	60	42	42	43	49	40	43	40	39	35	32	22	35	24	24	34	24	29	22	32	19
mobile silviculture machine																	0	0	0	0	0	0
crane	4	0	4	1	1	1	2	2	1	4	1	3	1	0	0	2	3	2	1	1	5	3
conveying machine	31	43	32	40	30	23	33	31	25	25	19	16	23	17	20	22	20	14	25	16	24	19
vehicle	3	6	7	4	6	5	4	5	3	2	0	4	6	0	2	1	0	6	3	1	0	2
pressure vessel	2	1	1	6	4	2	1	7	3	3	5	5	1	6	1	1	1	2	0	1	1	0
chemical facilities	5	7	6	5	9	9	12	10	8	6	8	5	12	12	6	10	4	4	2	10	6	1
welding equipment	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
kiln, caldron	5	2	5	5	5	3	2	4	1	3	3	2	3	0	2	1	1	2	2	1	1	2
electric equipment	2	1	1	1	1	1	1	0	0	1	0	2	0	1	1	2	0	1	2	0	1	1
human power machine, tools	11	10	6	9	11	10	17	6	7	13	8	15	9	9	7	11	3	7	9	7	11	13
tools	15	25	24	21	33	26	23	21	27	21	18	23	18	14	11	22	16	29	12	16	14	18
other equipments, facilities	13	18	10	12	13	9	10	6	15	11	9	10	6	9	11	15	7	14	5	9	8	10
temporary buildings,	44	47	54	42	55	57	46	62	66	58	34	38	60	47	38	50	32	55	42	53	63	50

establishments																						
hazards, harmful substances	42	49	49	40	24	45	38	34	47	20	20	23	22	18	20	10	32	29	23	23	25	20
materials	12	7	12	10	11	15	11	10	10	9	5	9	13	9	10	8	6	11	9	6	6	5
load	20	24	23	29	24	20	24	29	27	26	19	11	18	7	9	16	11	17	12	20	13	14
natural environment	8	4	5	1	3	7	6	6	5	1	4	6	7	4	6	4	2	7	3	4	8	8
other causal agent	5	3	2	3	5	5	4	2	5	2	0	4	1	3	6	3	1	3	2	7	2	4
no causal agent	15	10	5	12	9	10	19	11	13	9	17	10	8	4	9	7	12	6	11	11	6	16
unclassifiable	1	1	3	-	0	1	0	0	1	1	1	0	1	0	0	2	0	3	0	0	1	0
total	306	331	304	294	303	307	306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

Causal agents (small) of industrial accidents in non organic or organic chemical 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	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1
power transmission mechanism			4		7		6	5	1	3	5	4	2	3	6	3	2	4	2	3	3	2
circular sawing machine			0		1		2	2	1	1	1	3	1	0	0	0	0	1	1	0	0	0
band sawing machine			0		2		1	0	2	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	1	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	1	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines			1		1		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
leveling, transporting or loading machine			0		0		0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0
excavating machine			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0

foundation work machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
demolition machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vehicle for high lift work			0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
other construction machines			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lathe			2		1		0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0
drill press, milling machine			1		0		0	0	0	1	0	0	1	1	1	1	0	0	1	0	0	0
grinding machine, buffing machine			0		1		0	0	0	1	0	0	1	2	0	0	1	0	1	0	0	0
power press			1		1		1	1	0	0	1	0	0	1	0	1	1	1	1	0	1	1
forging pressure hammer			0		0		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine			2		1		0	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0
other metal manufacturing machines			1		0		3	0	1	2	0	0	2	1	0	1	1	0	0	1	1	1
centrifugal machine			0		0		0	1	0	1	1	0	1	0	0	0	2	1	1	3	0	1
mixer, grinder			7		7		4	8	6	7	4	6	1	7	4	7	7	7	9	4	8	3
roll machine (except printingroll machine)			8		5		5	3	7	4	9	6	1	6	5	4	2	2	1	2	4	2
injection molding machine			0		1		2	1	2	1	1	0	1	3	0	0	1	1	0	0	1	1
food manufacturing machine			0		0		1	0	1	0	2	0	0	1	0	0	0	0	0	1	0	0
printing machine			0		1		1	2	0	0	0	0	1	1	0	0	1	0	2	0	1	0
industrial robot			0		0		0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
other general power machines			27		29		27	28	24	25	18	20	17	17	15	13	20	13	16	12	18	12
felling machine																	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0
skyline yarding																						

machine																	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0
crane			4		0		2	1	1	1	0	2	1	0	0	2	1	0	0	0	4	1
mobile crane			0		0		0	0	0	2	0	0	0	0	0	0	0	2	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		1		0	0	0	1	0	0	0	0	0	0	2	0	0	1	1	2
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		0		0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0
truck			8		1		4	1	3	5	5	6	3	0	2	5	3	3	3	3	3	6
forklift			14		16		21	19	8	8	7	6	12	6	10	10	12	6	18	7	13	5
railway equipment			0		0		0	0	1	0	0	0	2	0	0	0	0	0	0	0	1	0
conveyor			10		13		6	9	12	10	5	2	5	11	7	6	5	4	2	6	5	7
loader			0		0		0	0	0	0	1	0	0	0	1	0	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		0		2	2	1	2	1	2	1	0	0	1	0	1	2	0	2	1
cars, bus, motorcycle			5		5		4	4	2	2	0	3	4	0	2	1	0	6	2	0	0	2
railway vehicle			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other vehicles			2		1		0	1	1	0	0	1	2	0	0	0	0	0	1	1	0	0
boiler			0		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
pressure vessel			1		3		1	6	1	1	4	4	0	5	1	0	1	1	0	0	0	0
other pressure vessels			0		1		0	0	2	2	1	1	1	1	0	1	0	1	0	1	1	0
chemical facilities			6		9		12	10	8	6	8	5	12	12	6	10	4	4	2	10	6	1
gas welding			0		0		0	0	0	0	0	0	0	0	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
other welding equipment			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
kiln, caldron			3		2		1	0	0	2	2	2	2	0	0	0	1	1	1	1	1	1
industrial dryer			2		3		1	2	1	1	0	0	1	0	2	1	0	0	1	0	0	1
other kiln, caldron			0		0		0	2	0	0	1	0	0	0	0	0	0	1	0	0	0	0
transmission			0		0		0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
electric power facilities			0		1		1	0	0	1	0	1	0	0	1	1	0	1	0	0	0	0
other electrical equipment			1		0		0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0
human power cranes			1		0		0	0	1	2	0	1	0	0	0	0	1	0	1	1	1	1
human power hauling equipment			2		6		9	3	3	3	6	9	6	7	3	3	2	2	5	4	7	6
human power machine			0		0		0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0
hand tool			3		5		8	2	3	7	2	5	3	2	3	7	0	5	3	2	3	6
ladder			12		17		16	6	13	12	11	14	10	8	5	12	11	12	7	7	6	12
slinging tool			1		2		0	0	0	0	1	2	0	0	0	0	0	0	1	0	1	0
other tools			11		14		7	15	14	9	6	7	8	6	6	10	5	17	4	9	7	6
other equipment, facilities			10		13		10	6	15	11	9	10	6	9	11	15	7	14	5	9	8	10
scaffolding			2		0		2	1	1	2	0	1	1	0	0	0	1	0	2	1	2	1
timbering			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			10		12		11	16	14	14	9	9	15	12	9	14	4	8	11	18	20	12
opening			0		1		1	1	3	2	0	1	1	1	0	1	1	0	0	0	1	2
roof, beam, haze, crossbeam, principal rafter			1		1		2	0	3	1	0	1	2	0	1	1	0	2	0	0	3	1
working platform, boot board			8		12		6	10	6	6	8	5	6	10	2	5	8	9	2	1	4	5
passage			16		11		14	19	20	18	9	6	21	12	14	18	10	22	16	20	20	14
building, establishment			12		10		9	9	16	11	4	9	10	9	8	8	6	7	8	9	7	5

other temporary buildings, establishments			5		8		1	6	3	4	4	6	4	3	4	3	2	7	3	4	6	10
explosive substance			3		0		3	0	3	1	0	1	1	1	1	0	0	0	2	0	1	1
inflammable substance			5		5		2	2	4	2	3	3	3	2	1	0	3	1	1	3	5	2
inflammable gas			3		0		2	1	0	0	4	0	0	1	1	0	0	2	0	0	0	0
harmful substance			22		9		18	17	26	8	6	10	12	10	6	8	18	17	11	11	9	4
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			16		10		13	14	14	9	7	9	6	4	11	2	11	9	9	9	10	13
metal material			8		5		3	2	6	5	2	2	4	5	5	3	3	6	3	3	2	2
lumber, bamboo			1		0		2	0	0	0	0	3	0	0	0	1	1	0	0	0	0	0
stone, sand, substance			0		1		0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
other materials			3		5		6	8	4	4	3	3	9	3	5	4	2	5	6	3	4	3
load			22		22		23	26	23	26	15	11	17	7	9	15	9	17	12	19	13	14
machine/equipment as load			1		2		1	3	4	0	4	0	1	0	0	1	2	0	0	1	0	0
natural ground, rock			0		0		1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0
standing tree			0		0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
water			0		0		1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
abnormal environment			2		0		1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2
high/cold temperature environment			1		0		1	5	3	0	1	3	3	1	2	2	1	3	3	3	7	5
other environments			2		3		2	1	2	0	2	2	3	1	3	1	1	3	0	1	1	1
other causal agent			2		5		4	2	5	2	0	4	1	3	6	3	1	3	2	7	2	4
no causal agent			5		9		19	11	13	9	17	10	8	4	9	7	12	6	11	11	6	16
unclassifiable			3		0		0	0	1	1	1	0	1	0	0	2	0	3	0	0	1	0
total			304		303		306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

Workers age of industrial accidents in non organic or organic chemical products in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020

19 years old or less	10	8	2	5	4	6	7	3	9	4	5	5	2	3	4	6	2	7	4	5	6	1
20-29	62	81	69	65	66	60	57	67	57	45	40	40	38	40	34	34	29	47	27	35	46	26
30-39	59	64	69	60	80	81	88	79	74	67	58	73	55	50	51	46	50	44	43	45	45	35
40-49	72	60	61	56	58	56	48	57	51	49	45	41	52	51	39	59	39	57	58	51	48	59
50-59	80	98	72	81	75	84	77	77	91	69	47	42	64	37	46	55	46	58	41	55	58	57
60 years old or more	23	20	31	27	20	20	29	17	30	30	21	26	28	23	16	21	24	29	25	24	32	33
total	306	331	304	294	303	307	306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

Workers' number of workplace of industrial accidents in non organic or organic chemical 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	46	43	36	35	40	44	42	37	34	18	24	20	21	16	15	16	10	11	12	17	13	14
10-29	63	54	55	66	64	68	60	56	49	44	39	44	52	45	41	44	41	49	38	35	46	34
30-49	47	71	60	45	49	42	41	44	59	48	26	37	37	38	30	29	22	38	22	44	35	45
50-99	49	59	54	54	53	54	53	65	59	48	30	51	39	27	30	43	46	56	46	43	52	30
100-299	55	64	56	63	62	67	70	56	68	67	69	43	48	43	43	52	47	56	60	38	57	56
300 workers or more	46	40	43	31	35	32	40	42	43	39	28	32	42	35	31	37	24	32	20	38	32	32
total	306	331	304	294	303	307	306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

Month of industrial accidents in non organic or organic chemical 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	24	27	31	22	35	28	20	27	16	24	16	30	23	12	16	23	14	22	22	19	18	17
February	32	30	27	25	31	24	22	30	21	28	17	17	23	22	16	16	13	14	17	14	17	16
March	23	28	28	26	21	18	29	24	34	26	12	13	14	17	16	17	7	22	20	18	20	17
April	18	20	30	28	23	19	15	23	26	25	23	16	22	17	10	12	18	23	13	25	17	14
May	27	28	20	23	22	22	22	25	16	17	18	20	14	18	12	29	15	28	25	24	25	25
June	31	38	19	21	25	36	29	26	33	24	19	18	17	16	14	22	14	17	15	19	18	20
July	20	31	26	29	26	27	32	29	28	18	23	33	21	17	30	17	20	21	10	17	16	17
August	28	30	29	30	29	30	35	25	37	25	20	16	19	20	17	15	19	16	17	21	27	22
September	27	27	24	21	29	26	34	22	26	22	10	20	17	21	11	20	14	20	14	15	22	21
October	33	18	21	27	21	31	26	22	31	22	12	12	21	19	21	18	16	25	9	17	27	11
November	19	28	22	22	18	19	23	26	20	18	19	13	28	11	13	12	21	21	20	15	14	17
December	24	26	27	20	23	27	19	21	24	15	27	19	20	14	14	20	19	13	16	11	14	14

total	306	331	304	294	303	307	306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

Prefecture of industrial accidents in non organic or organic chemical 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	7	6	0		1		2	2	7	2	6	2	1	3	2	2	2	0	1	3	3	3
Aomori	2	1	0		0		1	0	0	0	2	1	1	0	0	0	0	0	0	0	0	1
Iwate	1	2	3		0		1	0	1	1	1	0	2	0	0	1	0	0	0	0	0	0
Miyagi	0	0	1		2		2	3	2	1	2	1	5	2	0	0	1	1	1	0	0	1
Akita	0	1	1		1		0	0	0	5	0	0	1	3	0	2	0	2	1	0	0	0
Yamagata	0	0	1		1		1	2	1	0	0	0	0	1	1	2	1	3	1	1	0	0
Fukushima	13	9	7		10		14	13	18	7	14	9	10	3	7	3	5	12	4	6	9	5
Ibaraki	7	17	12		14		14	15	13	16	13	11	12	15	15	8	16	11	8	6	11	10
Tochigi	5	2	1		2		1	1	3	4	4	1	3	5	4	0	1	3	1	0	5	1
Gunma	4	15	9		4		10	4	10	7	5	4	7	3	4	5	2	4	3	7	5	6
Saitama	17	24	15		17		15	15	16	15	15	15	14	13	12	19	11	18	20	11	13	17
Chiba	15	15	21		12		17	16	15	11	7	16	6	7	16	6	17	21	9	15	6	17
Tokyo	7	2	4		6		11	4	1	2	2	6	0	2	2	3	3	1	3	2	4	1
Kanagawa	5	6	11		14		13	13	15	11	14	10	10	4	8	9	5	13	7	8	7	11
Niigata	13	13	11		11		8	12	10	15	8	7	11	7	8	5	5	10	4	3	6	8
Toyama	6	7	1		6		2	7	4	6	3	4	4	2	3	7	5	5	5	3	8	4
Ishikawa	1	2	3		1		0	1	2	1	1	3	0	1	0	1	0	0	0	1	0	0
Fukui	2	3	12		3		6	7	7	5	2	5	5	6	0	8	6	9	3	10	5	5
Yamanashi	0	1	0		1		0	1	0	1	0	0	0	0	1	0	0	0	2	1	1	0
Nagano	0	1	3		1		1	2	1	3	0	1	0	1	0	3	0	4	2	2	0	3
Gifu	4	6	5		4		3	3	4	8	4	6	5	3	2	3	1	0	3	1	6	1
Shizuoka	11	10	15		17		12	8	15	7	11	7	12	6	9	11	10	11	8	7	15	6
Aichi	15	15	16		15		11	15	9	6	6	10	11	6	10	13	5	10	7	10	13	8
Mie	16	20	14		18		14	14	14	17	8	11	9	11	8	18	4	9	13	4	8	6
Shiga	2	5	3		7		4	4	5	6	4	4	3	3	3	6	1	3	5	1	5	2
Kyoto	10	8	5		10		5	10	4	4	0	1	3	6	0	4	3	3	2	2	5	7
Osaka	40	29	42		28		33	33	31	21	26	27	24	13	16	34	12	25	22	28	15	20
Hyogo	20	27	14		22		19	19	11	23	12	10	11	18	14	13	14	12	17	20	20	10
Nara	0	2	1		1		2	2	2	0	2	0	1	1	0	0	0	2	0	0	0	0
Wakayama	9	12	8		7		10	8	8	3	2	7	12	5	8	2	3	2	6	8	6	7
Tottori	2	0	2		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Shimane	1	0	0		1		1	0	0	1	1	2	0	0	1	0	0	0	0	1	1	0
Okayama	6	4	12		9		4	12	12	7	2	4	6	5	5	8	8	8	2	5	4	6
Hiroshima	6	3	8		5		6	6	7	6	4	4	4	5	3	2	5	5	9	5	7	3
Yamaguchi	15	19	9		12		19	15	17	12	5	8	11	13	10	11	16	11	10	12	16	12
Tokushima	8	6	6		8		9	5	13	7	6	3	9	4	1	1	6	3	4	5	9	2
Kagawa	8	3	4		7		8	1	5	4	4	1	2	2	2	0	2	2	0	4	5	2
Ehime	1	5	5		6		6	3	4	3	1	5	7	6	2	0	2	0	3	3	2	5
Kochi	0	2	1		2		1	1	0	1	0	1	0	1	1	0	1	2	1	0	1	2
Fukuoka	18	17	11		11		9	6	17	10	10	10	12	7	5	6	6	10	6	11	8	8
Saga	1	2	0		1		1	4	2	2	2	2	1	3	0	2	0	0	2	2	1	0
Nagasaki	0	0	1		0		0	4	0	0	0	0	1	1	1	0	0	0	0	1	1	0
Kumamoto	1	2	2		0		3	3	3	1	2	1	0	2	1	0	7	1	0	0	1	1
Oita	5	1	3		2		1	5	0	1	1	2	3	4	2	2	1	3	1	1	2	3
Miyazaki	0	2	0		0		3	0	1	0	2	2	0	1	3	0	2	1	0	1	1	5
Kagoshima	2	4	0		3		3	1	2	1	2	1	0	0	0	1	1	1	0	3	0	1
Okinawa	0	0	1		0		0	0	0	0	0	2	0	0	0	0	0	1	2	1	0	1
total	306	331	304		303		306	300	312	264	216	227	239	204	190	221	190	242	198	215	235	211

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)

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html

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Fatal accidents in non organic or organic chemical products in Japan in 1999-2020

non organic or organic chemical products industry Code No.010801

Type of fatal accidents in non organic or organic chemical 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	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0
falling to same level	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
crash	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
struck by flying or	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

falling object																						
collapse	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
crashed by	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
caught in/between	0	2	1	1	0	0	1	1	0	1	1	1	0	0	0	1	2	0	0	0	0	0
cut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
injury to the sole of the foot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
contact to high/low-temperature	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
contact to harmful substance	3	1	3	0	1	2	1	0	0	1	0	1	1	0	0	2	1	2	0	2	0	1
electric shock	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
explosion	0	4	0	0	0	2	0	0	0	1	5	0	1	1	0	3	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	0	0
fire	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	0
traffic accident (public road)	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	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	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
others	0	0	1	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	1	0	0	0	0	0	0	0
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

Causal agents (middle) of fatal accidents in non organic or organic chemical 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	0	0
power transmission mechanism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
woodworking machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	1	2	1	0	0	0	1	0	0	1	1	1	0	2	0	1	1	0	0	0	0	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0
conveying machine	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
vehicle	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
pressure vessel	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	1	5	0	1	0	0	3	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
electric equipment	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other equipments, facilities	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
temporary buildings, establishments	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
hazards, harmful substances	2	4	1	0	1	3	0	0	0	1	0	1	1	1	0	1	1	2	0	1	0	0
materials	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
natural environment	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1
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	1	0	0	0	0	0	0	0
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

Causal agents (small) of fatal accidents in non organic or organic chemical 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	0	0	0	0
power transmission mechanism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
circular sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
band sawing machine	0	0	0	0	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	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	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	0	0	0	0
chain saw	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0
leveling, transporting or loading machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
excavating machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
foundation work machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
demolition machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
vehicle for high lift work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other construction machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lathe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drill press, milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grinding machine,																						

buffing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
power press	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
forging pressure hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other metal manufacturing machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
centrifugal machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
food manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
printing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
industrial robot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
other general power machines	1	1	1	0	0	0	0	0	0	1	0	0	0	2	0	1	0	0	0	0	0	0
felling machine																	0	0	0	0	0	0
mobile logging machine																	0	0	0	0	0	0
skyline yarding machine																	0	0	0	0	0	0
other mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mobile crane	0	0	0	0	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	0	0	0	0
elevator, lift	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
cargo lifting appliance	0	0	0	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	0	0	0
lumberyard equipment, logging	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

cableway																						
simple skyline yarding equipment																	0	0	0	0	0	0
other powered crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
truck	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
forklift	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
railway equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
conveyor	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
loader	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0
other powered conveying machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
cars, bus, motorcycle	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
railway vehicle	0	0	0	0	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	0	0	0	0	0	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	0	0	0	0
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
other pressure vessels	0	0	0	1	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	1	5	0	1	0	0	3	1	0	0	0	0	0
gas welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
arc welding equipment	0	0	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	0	0
kiln, caldron	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
industrial dryer	0	0	0	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	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	0	0
electric power facilities	0	0	0	0	1	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	0	0

human power cranes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power hauling 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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ladder	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
slinging tool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other equipment, facilities	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0
stairs, landing stage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
opening	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
working platform, boot board	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
passage	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
building, establishment	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other 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
explosive substance	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance	2	0	0	0	0	1	0	0	0	1	0	1	1	0	0	1	1	2	0	1	0	0
radiation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances	0	4	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
metal material	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
lumber, bamboo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
abnormal environment	1	1	2	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	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	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	1	0	0	0	0	0	0	0
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

Workers age of fatal accidents in non organic or organic chemical products in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
20-29	0	1	1	1	0	2	1	0	0	0	0	0	1	1	2	2	0	0	0	1	0	0
30-39	1	3	1	0	1	1	0	0	0	2	3	1	1	1	0	2	4	2	0	1	0	0
40-49	2	2	2	0	0	1	0	0	0	1	2	1	0	0	0	1	1	0	0	1	1	0
50-59	1	3	2	2	2	2	2	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0
60 years old or more	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	2	0	0	0	1
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

Workers' number of workplace of fatal accidents in non organic or organic chemical 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	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0

10-29	0	6	0	1	1	2	0	0	0	1	0	0	1	1	0	1	3	0	0	0	0	1
30-49	2	1	3	0	1	1	2	1	0	2	0	0	0	0	1	1	0	1	0	1	1	0
50-99	0	0	0	2	1	1	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0
100-299	1	0	2	0	0	2	0	0	0	1	6	0	1	2	2	3	1	1	0	1	0	0
300 workers or more	2	2	1	0	0	0	1	0	0	0	0	1	1	1	0	0	1	0	0	1	0	0
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

Month of fatal accidents in non organic or organic chemical 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	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	3	1	0	0	0	0	0
February	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
March	2	0	1	0	0	1	0	0	0	1	0	0	0	2	0	0	0	1	0	2	0	0
April	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
May	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0
June	1	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
July	0	1	2	0	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0
August	0	1	0	1	2	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
September	0	2	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0
October	1	0	1	0	1	0	1	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0
November	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	0
December	0	1	0	1	0	2	1	0	0	1	4	1	0	0	0	0	0	0	0	0	1	0
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

Prefecture of fatal accidents in non organic or organic chemical 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	1	0	0	0	0	0
Akita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Ibaraki	0	0	0	0	0	1	1	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0

Tochigi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gunma	0	5	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
Saitama	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	1	2	0	0	0	0
Chiba	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Tokyo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kanagawa	0	0	0	0	2	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
Niigata	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toyama	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Ishikawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukui	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Yamanashi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagano	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gifu	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Shizuoka	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Aichi	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0
Mie	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
Shiga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyoto	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Osaka	0	1	1	0	0	0	0	0	0	1	4	1	1	0	0	0	0	0	0	1	0	0
Hyogo	1	0	2	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Nara	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wakayama	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Tottori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shimane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okayama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hiroshima	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamaguchi	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0
Tokushima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehime	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kochi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukuoka	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagasaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kumamoto	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	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	1
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	5	9	6	3	3	6	3	1	1	4	6	2	3	4	3	6	6	4	0	3	1	1

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