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

other chemical products industry Code No.010899

Type of accidents in other 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	55	40	51	44	47	48	42	40	42	43	32	45	31	31	36	42	30	26	52	47	36	47
falling to same level	59	65	58	43	43	48	48	53	44	52	55	45	44	55	39	37	49	63	55	69	60	67
crash	18	17	13	13	12	8	19	10	17	8	10	11	11	11	14	9	9	10	16	15	14	13
struck by flying or falling object	31	28	19	17	14	11	16	21	17	17	17	13	20	13	11	8	15	10	21	15	16	22
collapse	9	11	3	1	4	8	8	8	6	5	2	2	4	0	5	6	2	3	3	4	4	5
crashed by	15	17	15	15	16	13	12	14	11	6	9	15	13	7	4	9	6	8	13	12	10	7
caught in/between	159	125	127	111	103	106	103	106	84	84	76	69	84	74	53	73	84	64	72	58	68	66
cut	32	34	29	23	40	21	30	20	23	17	16	15	16	14	17	17	17	8	18	15	9	10
injury to the sole of the foot	2	0	2	2	0	-	1	0	0	0	0	0	0	0	0	1	1	0	0	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	23	25	11	9	17	14	16	9	10	16	9	13	14	6	13	13	4	10	12	11	16	16
contact to harmful substance	7	13	14	13	12	18	15	15	10	7	11	10	11	6	6	12	9	7	9	11	11	16
electric shock	0	0	1	1	1	-	0	1	0	0	1	0	1	1	1	0	1	1	0	1	1	0
explosion	4	3	2	8	2	5	4	4	11	0	1	5	6	5	2	2	2	1	5	5	3	1
burst	2	0	1	-	4	-	0	1	2	1	1	0	0	0	0	1	0	1	2	0	1	0
fire	4	3	4	-	1	1	0	1	3	3	1	2	1	1	1	0	0	0	0	1	1	3
traffic accident (public road)	5	5	2	2	5	4	4	3	1	4	7	3	1	3	2	3	2	3	0	6	3	1
traffic accident (others)	1	1	1	-	0	-	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	1
reaction to motion/improper motion	36	43	36	34	27	32	29	40	47	40	30	40	25	30	33	28	27	41	31	45	51	59
others	4	2	2	-	1	3	3	0	8	0	3	0	0	1	1	2	0	3	1	1	3	3

unclassifiable	1	2	2	-	2	-	1	0	0	1	0	1	0	1	2	2	1	0	0	1	1	1
total	467	434	393	336	351	340	351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

Causal agents (middle) of industrial accidents in other 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	1	1	-	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
power transmission mechanism	6	7	7	4	2	5	5	4	3	2	5	3	2	3	4	1	3	2	2	2	2	1
woodworking machine	8	3	3	1	5	2	6	3	3	1	2	1	0	0	1	3	0	0	1	1	1	0
construction machine	2	1	1	1	1	1	3	2	1	2	2	0	2	2	0	1	1	0	2	0	1	0
metal manufacturing machine	18	18	10	9	10	6	10	4	6	6	7	1	6	3	2	2	5	4	8	6	5	3
general machine	119	96	89	82	96	82	77	86	70	63	64	53	66	57	43	44	63	48	50	45	43	44
mobile silviculture machine																	0	0	0	0	0	0
crane	5	5	3	3	1	1	1	3	0	3	5	2	3	2	2	2	1	1	1	2	1	1
conveying machine	48	43	58	26	35	32	26	36	36	30	27	31	32	23	23	31	28	20	39	30	30	32
vehicle	5	7	3	4	5	5	4	3	2	4	5	2	1	4	1	1	1	7	1	9	3	3
pressure vessel	1	3	1	4	0	1	1	0	1	1	1	3	0	1	2	0	1	0	3	0	1	0
chemical facilities	5	3	2	2	4	5	3	2	3	0	0	2	0	1	2	3	3	2	3	3	2	3
welding equipment	0	0	0	-	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0
kiln, caldron	2	1	4	1	0	1	1	0	0	1	1	2	1	0	1	1	1	2	0	1	2	2
electric equipment	0	0	3	1	1	1	1	0	1	0	3	0	0	1	4	0	1	1	0	0	1	0
human power machine, tools	20	15	21	16	17	12	18	12	18	7	6	10	12	15	11	12	9	15	15	14	22	18
tools	36	28	19	30	20	18	32	25	25	26	20	33	25	27	23	28	29	24	29	33	28	36
other equipments, facilities	15	15	13	9	11	10	16	12	8	11	12	21	15	4	9	10	15	14	17	12	12	16
temporary buildings,	71	63	66	52	56	59	66	63	53	70	55	52	45	50	42	47	50	56	68	71	59	74

establishments																						
hazards, harmful substances	25	23	24	22	19	29	17	21	28	11	17	15	18	14	13	18	9	10	18	17	15	22
materials	27	33	8	17	15	15	16	18	20	17	15	13	16	11	13	18	10	10	10	11	12	15
load	28	38	30	33	29	29	26	29	26	22	22	22	25	27	26	27	17	19	27	31	29	27
natural environment	6	7	5	4	6	4	3	4	3	10	1	6	2	5	4	4	2	7	3	7	10	11
other causal agent	8	6	7	2	6	6	5	2	11	6	5	4	1	0	4	2	4	6	5	5	7	2
no causal agent	9	15	12	13	12	13	13	17	15	10	7	12	10	6	8	8	5	10	9	14	22	28
unclassifiable	3	3	3	-	0	1	1	0	3	1	0	0	0	1	1	2	1	1	0	1	0	0
total	467	434	393	336	351	340	351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

Causal agents (small) of industrial accidents in other 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			1		0		0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
power transmission mechanism			7		2		5	4	3	2	5	3	2	3	4	1	3	2	2	2	2	1
circular sawing machine			2		3		4	2	2	1	1	1	0	0	0	3	0	0	1	1	1	0
band sawing machine			1		0		1	1	0	0	1	0	0	0	1	0	0	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		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		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other woodworking machines			0		0		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
leveling, transporting or loading machine			0		0		1	0	0	1	1	0	1	1	0	0	1	0	2	0	1	0
excavating machine			1		1		0	1	1	1	0	0	1	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
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	0	0	1	0	0	0	0	0	0	0	0
other construction machines			0		0		2	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0
lathe			0		2		1	2	0	1	1	0	1	0	0	0	2	0	3	0	1	0
drill press, milling machine			1		1		0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0
grinding machine, buffing machine			1		1		1	0	1	1	0	0	1	0	1	0	0	1	1	0	0	0
power press			0		3		2	0	0	2	4	1	0	2	1	1	0	3	1	3	2	0
forging pressure hammer			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
shearing machine			1		2		1	0	2	0	0	0	1	0	0	1	1	0	1	1	1	0
other metal manufacturing machines			7		1		5	1	2	2	2	0	3	1	0	0	2	0	2	1	0	3
centrifugal machine			0		0		0	0	1	0	0	0	0	0	0	0	0	1	0	4	0	0
mixer, grinder			5		18		5	13	6	7	7	3	6	10	3	6	8	5	8	4	9	5
roll machine (except printingroll machine)			14		15		17	11	9	8	8	5	14	11	6	6	11	10	2	3	6	11
injection molding machine			1		2		3	2	6	3	3	4	1	2	2	0	0	2	2	1	0	1
food manufacturing machine			0		1		0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1
printing machine			3		1		2	1	1	2	1	2	1	1	1	1	2	3	1	2	0	1
industrial robot			0		0		0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
other general power machines			66		59		50	59	47	43	45	39	43	33	30	31	41	26	37	30	28	24
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			1		1		0	2	0	1	2	2	3	0	2	0	1	1	0	1	1	0
mobile crane			0		0		1	0	0	0	1	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			2		0		0	0	0	1	1	0	0	0	0	1	0	0	1	1	0	1
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	1	1	0	0	2	0	1	0	0	0	0	0	0
truck			11		6		5	10	9	2	7	6	5	5	5	7	3	3	7	4	12	10
forklift			22		17		12	15	13	14	13	16	12	12	14	12	11	8	19	16	10	11
railway equipment			0		0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
conveyor			22		10		9	11	12	11	4	7	15	4	3	10	10	9	10	9	7	8
loader			0		0		0	0	0	1	1	0	0	1	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
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			3		2		0	0	2	1	2	2	0	1	1	2	4	0	3	1	1	3
cars, bus, motorcycle			3		5		4	3	2	4	5	2	1	3	1	1	1	7	1	8	3	3
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	0	0	0	0	1	0	0	0	0	0	1	0	0
boiler			0		0		0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
pressure vessel			1		0		1	0	0	0	0	3	0	1	1	0	0	0	2	0	0	0
other pressure vessels			0		0		0	0	0	1	1	0	0	0	0	0	1	0	1	0	1	0
chemical facilities			2		4		3	2	3	0	0	2	0	1	2	3	3	2	3	3	2	3
gas welding			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0

equipment																						
arc welding equipment			0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
other welding equipment			0		0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
kiln, caldron			4		0		0	0	0	1	0	1	1	0	1	1	0	2	0	1	1	1
industrial dryer			0		0		1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1
other kiln, caldron			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
transmission			1		0		0	0	1	0	3	0	0	0	3	0	0	1	0	0	0	0
electric power facilities			2		1		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
other electrical equipment			0		0		1	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0
human power cranes			0		0		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
human power hauling equipment			9		12		6	3	10	2	3	5	8	8	6	7	5	11	9	9	19	9
human power machine			0		0		0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0
hand tool			12		5		12	9	8	5	3	5	3	6	5	5	3	4	4	4	3	7
ladder			10		11		15	12	10	13	7	15	14	12	12	16	13	11	12	19	12	16
slinging tool			2		1		2	0	0	0	0	2	0	1	0	1	2	0	1	1	0	1
other tools			7		8		15	13	15	13	13	16	11	14	11	11	14	13	16	13	16	19
other equipment, facilities			13		11		16	12	8	11	12	21	15	4	9	10	15	14	17	12	12	16
scaffolding			1		1		1	1	1	0	1	1	0	1	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
stairs, landing stage			18		7		10	19	13	17	12	12	8	5	10	21	11	8	23	17	16	19
opening			1		0		1	0	1	1	0	1	1	0	1	1	0	0	0	1	1	1
roof, beam, haze, crossbeam, principal rafter			1		4		2	1	0	3	1	1	1	1	0	0	1	0	1	1	0	3
working platform, boot board			11		11		10	10	8	10	15	9	11	6	5	5	10	6	7	7	6	9
passage			20		13		29	21	15	23	17	16	15	26	11	13	23	24	20	31	23	32
building, establishment			7		9		8	8	10	11	5	5	6	10	10	4	3	13	12	8	6	8

other temporary buildings, establishments			7		11		5	3	5	5	4	7	3	1	5	3	2	5	5	5	7	2
explosive substance			2		5		3	2	1	1	1	1	1	1	3	2	0	1	0	3	1	1
inflammable substance			5		1		1	3	10	1	3	4	4	4	2	2	0	0	3	1	2	1
inflammable gas			0		0		0	0	0	0	0	2	1	0	0	0	1	0	0	1	0	0
harmful substance			9		7		10	10	8	5	9	5	7	5	4	10	5	4	5	5	7	13
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			8		6		3	6	9	4	4	3	5	4	4	4	3	5	10	7	5	7
metal material			6		6		5	8	7	9	5	2	5	4	4	5	0	5	5	2	5	5
lumber, bamboo			0		1		1	2	2	0	1	1	1	0	0	1	1	0	0	1	0	1
stone, sand, substance			0		0		1	0	0	1	0	0	1	1	1	0	0	0	1	0	1	0
other materials			2		8		9	8	11	7	9	10	9	6	8	12	9	5	4	8	6	9
load			24		26		23	28	26	22	21	21	24	23	24	24	16	18	25	31	27	26
machine/equipment as load			6		3		3	1	0	0	1	1	1	4	2	3	1	1	2	0	2	1
natural ground, rock			0		1		0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1
standing tree			0		0		0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
water			0		2		2	0	1	2	0	0	0	0	0	1	1	0	0	0	1	2
abnormal environment			0		0		0	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0
high/cold temperature environment			1		1		0	1	1	4	1	1	2	1	1	2	0	2	1	1	7	6
other environments			4		2		1	2	1	3	0	2	0	4	2	1	1	4	1	6	1	2
other causal agent			7		6		5	2	11	6	5	4	1	0	4	2	4	6	5	5	7	2
no causal agent			12		12		13	17	15	10	7	12	10	6	8	8	5	10	9	14	22	28
unclassifiable			3		0		1	0	3	1	0	0	0	1	1	2	1	1	0	1	0	0
total			393		351		351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

Workers age of industrial accidents in other 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	13	8	11	6	9	7	5	13	6	7	4	6	2	4	6	7	5	4	5	9	4	11
20-29	92	84	75	72	61	63	57	54	55	45	45	44	47	40	39	49	40	30	48	37	51	56
30-39	79	88	84	82	84	87	93	78	79	81	74	68	68	68	66	66	44	49	54	51	54	76
40-49	113	92	89	67	79	70	67	68	67	58	57	72	74	55	45	78	64	81	73	81	81	71
50-59	136	128	106	82	88	85	90	92	89	75	69	68	66	62	55	36	65	62	85	81	73	69
60 years old or more	34	34	28	27	30	28	39	41	41	38	33	31	25	30	29	29	41	33	46	58	45	55
total	467	434	393	336	351	340	351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

Workers' number of workplace of industrial accidents in other 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	77	56	61	61	68	63	62	51	59	38	37	31	29	30	22	29	32	30	32	35	25	29
10-29	108	119	109	86	64	75	73	78	64	79	48	62	74	52	55	68	55	44	76	57	53	67
30-49	77	85	57	36	50	51	53	44	44	47	49	43	55	44	33	32	43	32	45	39	36	41
50-99	89	67	69	66	63	66	68	73	61	54	54	42	41	46	44	41	35	48	53	44	52	59
100-299	92	64	69	62	84	62	79	70	88	60	68	90	57	58	60	68	66	75	81	98	90	91
300 workers or more	24	43	28	25	22	23	16	30	21	26	26	21	26	29	26	27	28	30	24	44	52	51
total	467	434	393	336	351	340	351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

Month of industrial accidents in other 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	37	46	29	22	26	24	35	31	24	31	29	36	18	18	17	18	19	23	32	31	23	26
February	32	43	47	29	25	21	27	35	32	31	17	27	18	28	25	29	23	13	35	33	32	40
March	40	31	30	27	32	19	33	38	41	39	24	27	23	19	20	22	18	18	31	30	26	33
April	33	31	32	26	33	33	43	28	37	26	19	17	21	14	16	16	26	23	20	16	16	26
May	33	37	33	20	33	29	19	24	26	16	22	22	34	21	18	25	22	13	17	23	21	18
June	45	41	31	22	26	35	34	29	22	22	23	23	30	26	17	19	25	28	28	26	34	27
July	33	45	49	42	32	39	28	36	28	29	32	23	22	20	27	29	23	23	27	28	32	30
August	50	29	28	28	24	33	34	31	28	28	26	30	20	21	22	26	13	31	15	35	31	29
September	38	28	28	44	37	33	25	28	29	23	19	25	27	25	18	16	23	18	27	20	21	28
October	54	39	36	25	31	25	21	24	25	25	24	27	23	26	23	19	26	32	23	30	26	34
November	32	39	29	27	31	24	19	20	24	18	28	20	19	26	20	24	22	14	25	34	30	29
December	40	25	21	24	21	25	33	22	21	16	19	12	27	15	17	22	19	23	31	11	16	18

total	467	434	393	336	351	340	351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

Prefecture of industrial accidents in other 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	8	9		3		4	7	6	3	7	5	6	3	3	5	4	6	8	5	3	6
Aomori	1	0	1		0		0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0
Iwate	2	2	2		4		8	3	3	4	2	1	1	2	4	2	2	4	3	1	0	5
Miyagi	6	8	7		3		8	2	4	2	1	4	2	9	2	2	3	3	2	5	2	2
Akita	1	0	4		1		1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Yamagata	0	1	1		2		0	0	1	2	1	3	4	3	2	1	2	2	1	1	0	0
Fukushima	4	3	6		4		0	5	5	4	4	5	5	9	3	5	3	2	8	6	5	3
Ibaraki	6	7	17		15		18	9	9	10	11	13	15	9	7	14	14	14	19	16	11	14
Tochigi	6	9	6		6		7	5	11	5	7	7	6	8	6	5	8	5	6	7	9	5
Gunma	16	13	11		12		9	20	17	6	6	11	8	8	3	15	9	11	9	8	13	16
Saitama	45	38	25		35		24	33	19	23	31	33	22	21	21	18	31	26	27	25	20	25
Chiba	17	16	17		9		15	9	16	23	14	15	13	15	13	10	8	8	15	14	11	15
Tokyo	16	16	15		17		10	9	10	10	4	4	7	2	4	5	3	5	11	4	9	12
Kanagawa	35	20	34		30		29	28	15	28	22	28	22	22	20	33	26	27	25	27	23	29
Niigata	5	4	3		4		5	3	9	6	3	2	4	4	3	1	1	1	2	5	1	6
Toyama	8	7	1		6		1	4	5	1	4	1	4	4	1	1	2	3	2	2	4	2
Ishikawa	0	1	1		1		0	0	1	0	0	0	0	2	0	1	0	0	0	1	0	1
Fukui	7	3	0		0		6	1	0	1	0	0	2	2	1	2	2	2	2	1	2	1
Yamanashi	5	0	2		2		1	3	1	4	4	0	3	3	1	2	3	2	3	1	6	3
Nagano	10	6	3		1		1	2	4	5	2	2	2	0	1	4	1	2	1	0	6	2
Gifu	11	16	8		13		14	9	8	9	5	8	9	6	6	6	4	5	3	9	6	5
Shizuoka	31	29	16		22		14	16	9	12	7	11	10	6	7	4	10	9	16	24	20	14
Aichi	19	32	27		29		27	19	22	21	21	18	18	17	15	13	9	13	22	13	20	17
Mie	6	16	10		3		13	9	15	13	7	6	11	9	7	3	5	10	7	7	11	6
Shiga	11	8	11		8		14	11	10	11	10	12	6	4	6	16	8	9	15	12	12	9
Kyoto	10	5	3		6		7	8	4	3	4	4	4	2	2	2	11	2	7	9	3	1
Osaka	66	70	56		38		43	57	48	34	46	43	21	33	30	33	30	33	28	31	24	42
Hyogo	29	27	24		22		24	22	22	19	18	13	24	14	21	17	13	24	17	22	29	21
Nara	11	7	5		2		4	4	6	4	3	2	1	4	5	5	7	4	4	11	9	2
Wakayama	8	2	9		0		7	9	7	6	6	7	5	6	13	2	5	3	8	9	6	11
Tottori	0	0	1		0		0	1	1	1	0	0	1	1	0	1	0	0	1	1	1	1

Shimane	0	4	0		1		1	1	0	0	1	1	1	0	1	0	0	0	0	0	0	2
Okayama	10	13	13		11		8	2	13	3	6	7	13	6	9	10	3	4	9	10	14	13
Hiroshima	2	6	10		7		4	4	5	3	3	2	1	2	1	3	3	0	3	3	2	2
Yamaguchi	9	6	6		5		6	8	4	4	5	3	3	2	3	2	2	2	1	4	1	9
Tokushima	3	2	1		2		2	1	3	0	0	0	3	0	2	2	2	4	4	2	2	4
Kagawa	3	2	1		3		2	4	3	5	5	2	4	4	5	5	6	2	4	2	1	3
Ehime	5	6	8		2		1	0	0	1	0	2	3	1	3	1	3	0	3	2	3	3
Kochi	1	0	0		2		0	0	1	0	0	1	2	2	1	2	1	0	4	1	4	3
Fukuoka	16	9	10		15		7	13	8	9	10	6	9	5	4	5	7	9	5	6	5	14
Saga	4	2	0		0		1	0	0	4	0	0	1	1	1	0	2	0	1	2	2	2
Nagasaki	1	0	0		0		0	0	5	1	1	1	1	0	0	0	0	0	2	0	0	1
Kumamoto	4	4	0		1		0	2	2	1	0	0	1	1	2	4	3	3	0	3	4	3
Oita	7	6	3		1		2	0	3	1	1	4	1	3	0	2	2	0	0	1	0	0
Miyazaki	2	0	3		2		2	1	1	1	0	0	0	1	0	1	1	0	2	0	2	1
Kagoshima	0	0	1		0		1	1	1	0	0	1	0	1	1	0	0	0	1	2	1	2
Okinawa	1	0	2		1		0	1	0	1	0	1	1	0	0	0	0	0	0	2	0	0
total	467	434	393		351		351	346	337	304	282	289	282	259	240	265	259	259	311	317	308	338

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 other chemical products in Japan in 1999-2020

other chemical products industry Code No.010899

Type of fatal accidents in other 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	0	1	1	0	0	1	0	0	0	0	0	2	0	1	0	1	1	0	1	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	1
crash	0	0	0	0	1	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

falling object																						
collapse	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
crashed by	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0
caught in/between	1	1	1	1	2	0	1	2	0	1	1	1	2	0	1	0	1	0	1	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	0	0	0	0	0
contact to high/low-temperature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
contact to harmful substance	0	0	1	0	0	0	0	3	0	2	1	0	0	0	0	0	0	0	1	0	1	0
electric shock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
explosion	2	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	3	1	0
burst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
fire	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	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	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	1	0	0	0	0	0
total	4	2	3	2	5	1	2	7	2	5	3	2	3	2	1	2	3	2	4	4	3	1

Causal agents (middle) of fatal accidents in other 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	1	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	1	1	0	1	0	1	1	0	0	1	1	1	0	0	0	1	0	0	1	0	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
conveying machine	0	0	0	1	2	0	0	1	0	0	0	0	1	0	0	1	1	0	1	0	0	1
vehicle	0	0	0	0	1	1	0	0	0	1	0	0	1	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	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	0	0	0
tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
other equipments, facilities	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0
temporary buildings, establishments	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0	1	0
hazards, harmful substances	1	1	2	0	0	0	1	3	2	2	2	1	0	0	0	0	0	0	2	3	2	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	2	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	1	0	0	0	0	0
total	4	2	3	2	5	1	2	7	2	5	3	2	3	2	1	2	3	2	4	4	3	1

Causal agents (small) of fatal accidents in other 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	1	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	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0
roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0
other general power machines	1	0	1	0	0	0	1	0	0	0	1	1	1	0	0	0	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	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	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	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	1	0	0	0
forklift	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
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	0	0	0	1	0	0	0	0	0	0	0	1	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	0	1	1	0	0	0	1	0	0	1	0	0	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	0	0	0	0	0	0	0	0	0
other pressure vessels	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	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	1	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	1	0
roof, beam, haze, crossbeam, principal rafter	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
building, establishment	0	0	0	0	1	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	2	0	0
inflammable substance	0	1	1	0	0	0	0	0	0	0	0	1	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	0	0	1	0	0	0	0	2	0	2	1	0	0	0	0	0	0	0	1	0	1	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	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	1	1	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	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
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	0	0	0	0	0
abnormal environment	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	2	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	1	0	0	0	0	0
total	4	2	3	2	5	1	2	7	2	5	3	2	3	2	1	2	3	2	4	4	3	1

Workers age of fatal accidents in other 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	1	0	0	0	0	0	0	0	0	0	0	0	0
20-29	0	0	1	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0
30-39	1	2	0	0	2	1	1	3	1	0	1	0	2	1	0	0	0	0	2	1	0	0
40-49	1	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	1	1	0	2	0	0
50-59	1	0	0	1	2	0	1	1	1	3	0	0	0	1	0	2	1	1	1	1	1	1
60 years old or more	1	0	1	0	0	0	0	1	0	0	1	1	1	0	1	0	1	0	1	0	2	0
total	4	2	3	2	5	1	2	7	2	5	3	2	3	2	1	2	3	2	4	4	3	1

Workers' number of workplace of fatal accidents in other 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	1	0	0	0	1	0	1	0	2	1	1	1	0	0	0	1	1	0	1	1	0

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

Month of fatal accidents in other 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	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0
February	2	0	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0
March	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0	0	2	0
June	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0	0
July	0	0	0	0	1	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0
August	1	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	1
September	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0
October	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0
November	1	0	0	0	0	0	0	0	2	0	2	0	0	1	0	0	0	0	0	0	0	0
December	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
total	4	2	3	2	5	1	2	7	2	5	3	2	3	2	1	2	3	2	4	4	3	1

Prefecture of fatal accidents in other 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	1	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	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ibaraki	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Tochigi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Gunma	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saitama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Chiba	0	0	0	0	1	0	0	0	2	1	1	0	0	0	0	1	0	0	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	1	0
Kanagawa	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0
Niigata	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toyama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ishikawa	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukui	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamanashi	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
Nagano	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shizuoka	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0
Aichi	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	1	0	0	0
Mie	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Shiga	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kyoto	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Osaka	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	1	0
Hyogo	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	1	0	0	1	0
Nara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wakayama	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamaguchi	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	1	0	0	0	0	0
Ehime	0	0	0	0	0	1	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	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	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	0	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	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	4	2	3	2	5	1	2	7	2	5	3	2	3	2	1	2	3	2	4	4	3	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