Industrial accidents in electric/gas/water service in Japan in 1999-2020

electric/gas/water service industry Code No.0116

Type of accidents in electric/gas/water service 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	29	30	37	37	40	29	45	23	34	32	34	22	27	35	29	23	40	22	30	28	32	40
falling to same level	44	37	56	44	48	45	36	36	44	35	42	32	42	31	32	29	27	27	33	47	34	36
crash	13	11	8	11	12	8	8	6	7	12	7	7	6	5	7	7	11	4	3	10	3	10
struck by flying or falling object	5	6	12	7	4	5	7	8	12	4	3	7	7	6	3	5	7	5	3	8	5	5
collapse	1	1	3	4	1	4	0	4	0	1	0	2	3	1	3	2	0	2	1	2	1	2
crashed by	5	5	8	3	4	2	4	1	5	3	1	6	3	1	3	6	2	3	6	2	4	5
caught in/between	13	11	21	10	12	7	12	12	12	8	16	5	12	9	4	7	4	9	7	9	11	8
cut	5	4	4	6	2	6	4	5	4	3	6	2	6	8	4	5	3	1	1	4	0	3
injury to the sole of the foot	1	1	0	-	2	-	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	1
drown	0	0	0	-	0	2	0	2	0	0	1	0	6	0	1	0	0	1	1	0	0	0
contact to high/low-temperature	4	3	5	7	5	5	1	5	7	6	6	7	3	2	3	5	1	5	3	3	3	6
contact to harmful substance	2	4	1	7	1	2	1	3	1	1	0	3	1	2	0	1	3	1	1	0	1	4
electric shock	4	4	2	3	2	1	6	1	1	3	0	2	1	6	1	0	0	1	1	3	0	3
explosion	4	1	0	-	5	1	0	0	0	0	0	0	3	0	0	0	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	1
fire	0	0	3	-	0	1	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1
traffic accident (public road)	34	39	40	42	52	36	30	19	33	27	25	18	16	25	24	26	23	18	24	21	21	13
traffic accident (others)	0	0	1	1	0	-	0	0	0	1	0	2	0	0	0	0	1	0	0	2	0	0
reaction to motion/improper motion	13	23	33	18	17	11	25	33	16	27	16	23	23	15	9	14	15	15	17	15	29	16
others	3	4	4	3	0	6	4	4	8	3	1	3	6	3	2	2	0	4	5	4	0	28

unclassifiable	1	1	3	2	1	-	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
total	181	185	241	205	208	171	185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

Causal agents (middle) of industrial accidents in electric/gas/water service 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	-	1	-	1	0	1	0	1	1	1	2	0	0	0	0	0	0	0	0
power transmission mechanism	0	0	2	1	0	1	0	1	0	1	1	0	3	0	1	3	2	2	0	0	0	0
woodworking machine	0	0	1	1	0	3	0	1	2	0	2	0	1	2	0	2	0	0	1	1	0	2
construction machine	2	0	3	-	1	2	3	2	2	3	2	1	1	4	0	0	3	0	2	0	1	1
metal manufacturing machine	0	1	2	1	1	-	1	1	1	1	0	2	0	2	0	0	1	1	0	1	0	0
general machine	1	7	3	5	2	2	3	4	2	3	2	1	3	5	1	1	2	4	1	2	3	3
mobile silviculture machine																	0	1	0	0	0	0
crane	2	0	1	-	1	-	0	3	2	0	1	1	1	1	0	0	0	0	0	1	1	3
conveying machine	8	5	9	10	9	6	11	9	9	8	11	8	11	8	4	2	7	4	6	7	3	3
vehicle	37	44	41	45	53	39	25	21	36	32	31	24	21	22	25	27	21	18	24	25	23	18
pressure vessel	1	0	1	2	3	1	2	4	2	0	2	2	0	1	1	1	0	1	1	1	0	1
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	0	0	1	-	0	1	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0
electric equipment	4	6	9	4	7	1	7	4	3	5	1	6	3	5	2	1	1	1	1	4	1	6
human power machine, tools	6	4	6	7	4	3	10	5	1	3	6	3	3	6	7	7	3	2	6	5	3	1
tools	3	6	14	8	11	10	8	5	10	13	5	4	8	6	10	4	11	7	10	13	11	16
other equipments, facilities	4	9	6	5	9	-	4	6	7	7	5	2	6	3	5	5	6	2	5	1	1	6
temporary buildings,	61	61	76	69	83	63	58	55	62	57	58	50	61	58	43	48	55	42	51	59	61	70

establishments																						
hazards, harmful substances	6	6	6	10	1	7	2	5	6	2	1	4	4	1	0	3	2	2	2	0	1	5
materials	5	4	7	4	3	2	12	6	8	4	4	4	4	3	5	2	4	2	1	3	3	2
load	8	7	11	7	3	3	4	6	9	7	9	9	4	4	2	4	4	6	3	8	7	4
natural environment	18	8	18	13	6	13	18	12	8	8	10	5	19	5	12	14	10	12	8	18	15	11
other causal agent	6	10	4	3	2	4	7	3	7	2	2	3	2	2	2	2	0	2	6	2	2	27
no causal agent	8	7	17	9	7	8	9	9	5	8	5	13	10	9	5	6	6	8	9	6	8	3
unclassifiable	1	0	3	1	1	2	0	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0
total	181	185	241	205	208	171	185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

Causal agents (small) of industrial accidents in electric/gas/water service 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		1		1	0	1	0	1	1	1	2	0	0	0	0	0	0	0	0
power transmission mechanism			2		0		0	1	0	1	1	0	3	0	1	3	2	2	0	0	0	0
circular sawing machine			0		0		0	0	2	0	1	0	1	1	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
wood planer machine			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
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	0	0	1	0	0	1	0	1	0	0	1	1	0	2
other woodworking machines			0		0		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
leveling, transporting or loading machine			0		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
excavating machine			2		1		1	0	1	1	1	1	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
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	1	0	0	0	1	0	0	0	0	0	0	0	0
vehicle for high lift work			0		0		2	1	1	0	1	0	1	3	0	0	3	0	2	0	1	1
other construction machines			1		0		0	0	0	1	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
drill press, milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
grinding machine, buffing machine			1		1		0	1	0	0	0	2	0	1	0	0	1	1	0	0	0	0
power press			0		0		1	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
shearing machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other metal manufacturing machines			1		0		0	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0
centrifugal machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
mixer, grinder			1		0		0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
roll machine (except printingroll machine)			0		0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
injection molding machine			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
printing machine			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
other general power machines			2		2		3	3	2	3	1	1	3	4	1	1	2	3	1	2	3	2
felling machine																	0	1	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	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
mobile crane			0		0		0	0	1	0	0	1	1	1	0	0	0	0	0	0	1	3
derrick crane			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	1	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
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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
truck			8		6		9	8	5	5	5	3	7	5	3	0	6	2	3	2	2	2
forklift			0		1		0	0	0	0	2	1	0	0	0	0	0	0	1	0	0	0
railway equipment			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
conveyor			1		2		1	0	2	3	4	3	4	2	1	1	1	2	2	3	1	0
loader			0		0		0	0	1	0	0	1	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
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		1	1	1	0	0	0	0	1	0	1	0	0	0	2	0	1
cars, bus, motorcycle			40		53		25	20	35	30	30	24	20	21	23	26	21	17	24	24	22	16
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	1	1	2	1	0	1	1	2	1	0	1	0	1	1	2
boiler			1		2		0	2	0	0	0	1	0	0	1	0	0	0	1	0	0	0
pressure vessel			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other pressure vessels			0		1		1	2	2	0	2	1	0	1	0	1	0	1	0	1	0	1
chemical facilities			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
kiln, caldron			1		0		0	0	0	2	1	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
other kiln, caldron			0		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
transmission			3		1		2	2	1	0	0	0	0	3	2	1	0	1	1	3	1	5
electric power facilities			4		6		5	1	2	4	1	6	3	2	0	0	1	0	0	0	0	1
other electrical equipment			2		0		0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0
human power cranes			0		0		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
human power hauling equipment			5		3		7	2	0	1	2	1	2	2	3	4	2	2	1	2	3	0
human power machine			0		0		0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
hand tool			1		1		2	3	1	2	4	2	1	3	4	2	1	0	4	3	0	1
ladder			13		8		8	3	6	8	5	4	3	5	8	3	10	5	8	11	4	8
slinging tool			0		1		0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0
other tools			1		2		0	2	3	3	0	0	5	1	2	1	1	2	2	2	7	8
other equipment, facilities			6		9		4	6	7	7	5	2	6	3	5	5	6	2	5	1	1	6
scaffolding			1		1		1	2	2	0	0	2	1	1	1	0	0	0	0	0	0	0
timbering			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			19		18		15	14	17	14	9	15	20	19	10	13	17	12	12	12	17	21
opening			2		2		4	0	2	2	2	0	1	3	3	1	1	2	3	0	2	3
roof, beam, haze, crossbeam, principal rafter			0		5		0	1	0	0	1	0	1	2	0	0	0	1	0	1	1	1
working platform, boot board			4		4		5	7	3	3	5	4	4	2	2	1	4	2	4	4	1	3
passage			22		25		15	16	22	17	21	13	12	18	8	20	17	15	19	26	27	21
building, establishment			19		20		12	10	10	17	14	13	17	6	16	7	11	6	8	7	6	9

other temporary buildings, establishments			9		7		6	5	6	4	6	3	5	7	3	6	5	4	5	9	7	12
explosive substance			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable gas			4		0		1	2	5	0	0	1	3	1	0	2	0	1	1	0	1	2
harmful substance			1		0		1	3	0	0	0	2	0	0	0	1	2	1	0	0	0	1
radiation			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other hazards, harmful substances			0		1		0	0	1	2	1	1	1	0	0	0	0	0	1	0	0	2
metal material			5		3		2	1	5	3	2	3	2	3	2	0	2	1	1	1	3	2
lumber, bamboo			1		0		1	0	1	0	0	0	1	0	1	0	1	0	0	1	0	0
stone, sand, substance			0		0		4	2	2	1	1	0	1	0	0	1	0	0	0	0	0	0
other materials			1		0		5	3	0	0	1	1	0	0	2	1	1	1	0	1	0	0
load			8		3		4	5	8	6	6	8	4	3	2	4	4	6	3	7	6	4
machine/equipment as load			3		0		0	1	1	1	3	1	0	1	0	0	0	0	0	1	1	0
natural ground, rock			3		2		3	4	0	2	2	1	1	1	4	2	2	2	2	0	4	3
standing tree			3		2		1	0	2	0	1	0	1	1	3	4	2	0	0	5	0	1
water			0		0		0	2	0	0	2	0	10	0	1	0	0	0	0	0	0	0
abnormal environment			0		0		0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
high/cold temperature environment			1		0		0	1	1	1	1	2	1	0	1	2	1	4	2	2	2	3
other environments			11		2		14	5	5	5	4	2	6	3	3	6	4	6	4	11	9	3
other causal agent			4		2		7	3	7	2	2	3	2	2	2	2	0	2	6	2	2	27
no causal agent			17		7		9	9	5	8	5	13	10	9	5	6	6	8	9	6	8	3
unclassifiable			3		1		0	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0
total			241		208		185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

Workers age of industrial accidents in electric/gas/water service 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	3	3	3	2	2	1	0	0	1	1	1	1	4	1	0	1	2	1	1	2	0	2
20-29	30	33	53	29	29	25	26	19	24	19	16	18	18	15	16	21	16	16	17	21	22	19
30-39	36	28	47	40	38	40	43	31	49	32	34	27	27	26	26	18	14	10	15	19	19	17
40-49	41	39	41	56	45	40	43	37	34	40	36	35	34	35	33	31	43	33	39	37	39	45
50-59	59	68	76	64	78	49	58	57	58	50	45	36	56	46	33	40	31	42	39	50	39	61
60 years old or more	12	14	21	14	16	16	15	19	18	24	29	26	27	26	17	21	32	16	26	29	25	38
total	181	185	241	205	208	171	185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

Workers' number of workplace of industrial accidents in electric/gas/water service 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	24	12	31	17	21	14	26	19	16	10	14	9	11	18	10	4	15	13	12	13	19	17
10-29	32	34	36	34	28	33	28	29	35	34	37	34	34	26	23	24	21	29	20	42	30	33
30-49	23	22	21	18	25	20	31	23	24	29	33	20	23	17	16	24	26	15	20	24	20	24
50-99	36	33	40	37	48	40	29	28	39	32	28	20	31	25	27	25	27	24	33	30	27	53
100-299	51	58	86	76	52	45	44	45	46	41	38	42	37	48	36	39	40	23	36	40	30	34
300 workers or more	15	26	27	23	34	19	27	19	24	20	11	18	30	15	13	16	9	14	16	9	18	21
total	181	185	241	205	208	171	185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

Month of industrial accidents in electric/gas/water service 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	15	11	22	11	21	12	24	17	11	9	16	15	11	14	20	9	20	10	13	14	13	12
February	25	16	20	13	12	11	16	18	17	19	13	12	13	18	14	8	12	10	10	22	13	13
March	18	14	30	17	18	14	16	17	17	12	15	9	24	13	6	16	9	7	10	11	12	9
April	6	14	18	19	24	19	14	7	17	14	18	9	17	14	5	7	10	7	9	14	6	12
May	13	13	19	18	20	12	14	20	20	20	9	13	14	9	15	8	9	7	9	9	10	16
June	21	20	18	13	19	12	13	9	9	15	11	14	15	16	8	11	6	9	20	14	16	21
July	10	18	23	24	19	21	19	7	14	17	13	13	13	11	6	11	15	5	7	13	16	16
August	19	10	18	14	15	17	19	15	17	11	15	9	9	6	9	10	18	17	10	12	14	13
September	22	11	17	18	18	13	11	12	15	15	13	15	19	9	7	11	10	6	8	10	10	14
October	11	21	23	21	18	13	14	11	14	15	13	10	11	9	11	14	18	13	18	12	12	14
November	8	18	18	25	11	14	5	12	19	6	14	13	10	22	11	10	4	17	9	14	13	6
December	13	19	15	12	13	13	20	18	14	13	11	11	10	8	13	17	7	10	14	13	9	36

total	181	185	241	205	208	171	185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

Prefecture of industrial accidents in electric/gas/water service 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	6	7	7		14		14	8	11	10	9	5	3	3	1	7	5	6	9	9	10	9
Aomori	3	2	0		1		2	1	3	0	0	0	1	1	4	3	1	1	1	3	4	2
Iwate	0	0	3		2		0	4	2	0	2	2	2	2	0	0	0	2	1	3	1	0
Miyagi	2	3	3		2		7	5	8	8	2	0	10	7	1	6	4	2	4	5	6	7
Akita	0	0	3		0		2	0	1	1	1	1	2	1	0	1	2	2	2	1	0	0
Yamagata	6	3	2		1		2	1	0	1	1	1	2	1	1	0	1	0	1	2	0	2
Fukushima	1	1	8		7		4	7	4	5	3	2	10	8	3	6	7	6	4	1	4	2
Ibaraki	3	2	2		3		0	1	5	3	2	1	4	4	3	2	1	1	1	3	2	2
Tochigi	1	1	3		2		1	0	0	1	1	0	4	1	3	2	0	0	2	0	1	1
Gunma	1	1	5		1		1	3	4	1	3	2	4	3	2	1	2	2	2	1	0	1
Saitama	7	8	9		3		7	8	5	6	4	8	5	4	4	7	3	4	2	5	2	6
Chiba	9	12	8		15		12	5	14	1	9	4	4	5	1	9	11	8	10	8	5	9
Tokyo	17	25	36		20		15	7	6	10	11	20	12	17	10	13	9	6	6	5	7	13
Kanagawa	14	23	25		18		10	12	8	18	16	11	20	8	14	8	10	9	19	13	6	9
Niigata	1	1	6		5		0	2	4	3	4	6	3	2	2	2	5	2	2	3	3	3
Toyama	3	3	6		2		2	3	0	3	1	4	0	3	3	4	1	2	0	2	2	3
Ishikawa	4	2	2		0		0	1	2	0	2	0	0	2	0	0	0	0	0	3	3	2
Fukui	2	1	3		1		2	1	0	0	3	0	3	1	0	4	0	3	0	3	1	0
Yamanashi	0	0	1		3		1	1	1	0	1	0	0	0	0	0	0	0	1	1	1	0
Nagano	1	0	3		1		1	5	6	1	1	0	1	5	2	2	3	0	3	4	3	3
Gifu	3	5	3		5		1	0	0	4	2	1	0	2	2	1	0	2	1	3	7	3
Shizuoka	8	6	10		5		4	2	7	9	6	1	3	3	1	2	6	6	4	6	2	5
Aichi	15	7	9		11		10	11	7	8	5	16	12	9	13	12	11	3	6	10	6	8
Mie	2	2	1		7		1	3	2	2	3	3	1	3	3	2	3	3	4	2	1	3
Shiga	3	3	0		2		4	2	1	0	0	1	1	0	1	0	0	1	0	0	2	1
Kyoto	5	4	6		5		3	2	2	2	3	1	3	6	2	6	5	4	0	2	2	4
Osaka	17	21	10		19		11	20	26	15	22	9	10	11	6	3	7	6	11	14	7	11
Hyogo	12	6	12		9		9	13	13	10	12	4	7	4	7	2	5	3	9	9	11	9
Nara	2	1	2		0		1	1	1	1	6	1	1	2	1	3	4	2	2	2	2	1
Wakayama	0	1	0		2		3	0	1	3	1	1	2	2	2	1	0	1	0	0	2	1
Tottori	0	2	1		1		0	1	1	0	0	0	1	0	0	1	1	0	1	0	0	0

Shimane	0	0	1		0		0	2	0	0	0	2	1	0	1	0	1	1	0	0	0	1
Okayama	1	0	2		4		0	0	4	5	0	2	0	1	1	1	1	1	2	3	1	1
Hiroshima	2	5	5		6		11	7	7	3	2	5	5	5	6	4	1	3	7	6	5	35
Yamaguchi	0	3	1		4		4	2	0	2	1	4	4	2	1	2	1	3	1	1	2	2
Tokushima	0	1	0		0		2	0	0	1	0	1	0	0	0	0	1	2	0	0	1	2
Kagawa	0	2	3		0		2	3	2	3	1	2	2	3	4	2	4	0	3	1	2	1
Ehime	3	1	1		1		1	0	0	3	2	1	0	3	1	0	2	3	2	1	0	0
Kochi	2	1	1		2		4	0	1	1	0	0	0	2	1	1	2	2	0	1	2	0
Fukuoka	6	9	9		16		10	7	6	12	12	9	8	5	7	3	5	7	6	7	14	9
Saga	1	1	2		1		2	0	2	0	1	1	1	1	5	1	1	0	2	0	1	1
Nagasaki	1	3	5		3		3	4	4	4	2	0	2	0	1	2	0	0	1	2	4	1
Kumamoto	8	1	4		0		3	0	3	1	2	1	4	1	1	2	0	3	2	2	0	4
Oita	0	1	2		2		2	1	0	0	0	5	5	4	0	1	4	0	0	3	3	2
Miyazaki	5	1	6		0		5	1	0	1	0	0	0	0	1	0	3	3	1	2	1	2
Kagoshima	1	2	8		1		4	5	5	2	2	5	2	2	3	3	5	2	2	3	4	1
Okinawa	3	1	2		1		2	1	5	2	0	0	1	0	0	0	0	1	0	3	1	0
total	181	185	241		208		185	163	184	166	161	143	166	149	125	132	138	118	137	158	144	182

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 electric/gas/water service in Japan in 1999-2020

electric/gas/water service industry Code No.0116

Type of fatal accidents in electric/gas/water service 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	1	0	2	0	2	1	0	2	1	0	0	1	1	0	1	0	0	3
falling to same level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
crash	0	0	0	0	0	0	0	1	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	3	0	0	0	0	0	0	1	0	0	0	0	0	0	0

falling object																						
collapse	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	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	1	0	2	1	0	1	0	8	0	0	0	0	1	1	0	0	0
contact to high/low-temperature	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
contact to harmful substance	1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	2	0	0	0	0	0
electric shock	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	1	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	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0
others	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	1	0	0	0	0	0	0
unclassifiable	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

Causal agents (middle) of fatal accidents in electric/gas/water service 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	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	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0
vehicle	1	1	0	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	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	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	1	0	0	0	1	0	0	0	1	0	0	1	0	1	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	1	0	0	0	0	0	0	0	0	0	1
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	1	0	1	0	2	0	2	1	0	1	0	0	0	1	1	1	3	0	0	2
hazards, harmful substances	1	1	1	0	0	2	0	1	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	1	0	0	0	1	0	2	1	0	1	0	9	0	1	1	2	1	0	0	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	1	1	0	0	0	0	1	0	0	0	0
unclassifiable	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

Causal agents (small) of fatal accidents in electric/gas/water service 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	0	0	0	0	0	0	0	0	0	0	0	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	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	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	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	0	0	0	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	0	0	0	0	0	1	0	0	0	0	0	0	0	0	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	1	1	0	0	0	0	0	1	0	0	0	0	0	1	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	2	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	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
electric power facilities	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment	0	1	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	1	0	0	0	0	0	0	0	0	0	1
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	0	0	0	0	0	0	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	1	0	0	1
opening	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0
roof, beam, haze, crossbeam, principal rafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
working platform, boot board	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
passage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
building, establishment	0	0	1	0	1	0	0	0	2	1	0	0	0	0	0	1	0	1	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
inflammable gas	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
harmful substance	1	1	0	0	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	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	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	1	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	1	0	0	0	0	0	0	1
water	0	0	0	0	0	1	0	2	1	0	1	0	9	0	0	0	0	0	0	0	0	0
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	0	0	0	0	0
other environments	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	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	1	1	0	0	0	0	1	0	0	0	0
unclassifiable	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

Workers age of fatal accidents in electric/gas/water service 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	0	0	0	0	0	0	0	0	0	0	0	0
20-29	1	2	0	0	0	1	0	0	0	0	0	0	3	0	1	1	0	0	0	0	0	0
30-39	0	0	1	0	0	2	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
40-49	1	1	0	0	1	0	0	0	0	0	0	1	0	1	1	0	2	1	1	0	0	0
50-59	0	1	2	0	0	1	1	4	2	0	1	2	5	0	0	1	2	2	0	0	0	2
60 years old or more	0	1	0	0	0	0	0	2	1	1	0	0	2	0	0	0	0	0	3	0	0	2
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

Workers' number of workplace of fatal accidents in electric/gas/water service 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	1	1	1	0	0	0	0	1	0	1	0	1	1	1	1	1	0	1	1	0	0	0

10-29	0	1	1	0	0	1	2	3	1	0	1	1	2	0	0	0	1	0	2	0	0	0
30-49	0	0	1	0	0	0	0	1	1	0	0	0	2	0	0	1	1	1	0	0	0	0
50-99	0	2	0	0	1	2	0	0	2	0	0	0	0	0	0	0	1	0	0	0	0	1
100-299	1	0	0	0	0	1	0	1	0	1	0	0	4	0	1	0	0	0	1	0	0	2
300 workers or more	0	1	0	0	0	0	0	1	0	0	0	1	2	0	0	0	1	1	0	0	0	1
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

Month of fatal accidents in electric/gas/water service 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	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
February	0	0	0	0	0	1	0	1	1	0	0	0	1	0	1	0	0	0	1	0	0	0
March	1	0	0	0	0	0	0	1	0	0	0	0	7	1	0	0	1	0	0	0	0	0
April	0	0	0	0	0	0	1	2	0	0	0	1	0	0	0	1	1	1	1	0	0	0
May	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
July	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
August	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	0
September	0	0	0	0	0	0	0	3	1	0	0	0	2	0	0	0	0	1	0	0	0	0
October	0	2	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1
November	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
December	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	0
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

Prefecture of fatal accidents in electric/gas/water service 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	1	0	0	0	1	0	0	0	0	0	0	0	1	1	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	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Miyagi	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Akita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Yamagata	0	1	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	4	0	0	0	0	0	0	0	0	0
Ibaraki	0	0	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	0	0	0	0	0	0	0
Gunma	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Saitama	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Chiba	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
Tokyo	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0
Kanagawa	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niigata	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1
Ishikawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukui	0	0	0	0	0	0	0	0	0	0	0	0	1	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	1	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	0	0	0	0	0	0	0	0	0	0	0	0	1
Aichi	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mie	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Osaka	0	2	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Hyogo	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nara	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Wakayama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	2
Yamaguchi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
Tokushima	0	1	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	1	0	0	1	0	1	0	0	0	0	0
Kochi	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fukuoka	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
total	2	5	3	0	1	4	2	7	4	2	1	3	11	1	2	2	4	3	4	0	0	4

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