

Industrial accidents in electricity/telecommunication work in Japan in 1999-2020

electricity/telecommunication work industry Code No.030301

Type of accidents in electricity/telecommunication work 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	336	341	312	319	270	294	258	301	248	279	252	259	278	222	260	217	217	180	227	189	204	208
falling to same level	70	53	71	53	66	61	60	58	72	68	64	58	68	76	64	73	61	66	75	63	68	69
crash	51	41	35	35	36	28	36	33	28	33	21	33	31	29	25	29	22	20	28	20	22	23
struck by flying or falling object	69	50	68	35	46	45	37	42	51	55	29	37	32	40	35	39	24	31	33	31	27	30
collapse	17	18	13	19	18	19	10	13	13	9	16	11	10	10	10	16	8	6	4	12	11	13
crashed by	37	40	41	31	31	28	21	23	23	26	26	28	29	21	25	29	21	19	16	24	28	28
caught in/between	103	80	91	71	61	74	63	50	57	64	67	52	64	50	60	64	49	49	48	41	50	50
cut	53	46	45	46	36	28	20	34	32	38	29	21	25	37	28	29	31	26	24	26	25	28
injury to the sole of the foot	5	3	4	3	1	2	2	3	0	3	1	3	4	2	3	1	3	1	0	7	2	3
drown	0	0	0	-	0	-	3	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
contact to high/low-temperature	16	6	18	18	7	17	10	10	9	9	10	12	12	8	9	11	6	9	12	20	12	15
contact to harmful substance	1	3	1	-	2	1	2	1	2	3	1	3	4	3	1	5	2	2	2	3	2	0
electric shock	50	39	34	27	20	31	25	18	29	27	19	21	9	11	23	22	22	17	13	18	15	16
explosion	0	1	0	-	0	-	0	0	0	0	0	0	0	0	2	1	0	2	0	0	0	0
burst	0	3	2	-	1	2	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0
fire	0	0	0	1	0	2	0	0	0	5	0	2	0	0	0	2	0	0	0	9	0	0
traffic accident (public road)	67	54	49	46	58	56	67	62	50	40	49	44	35	56	40	43	44	47	47	49	58	38
traffic accident (others)	5	1	0	-	0	-	0	0	0	0	1	0	0	0	1	2	0	0	3	1	2	1
reaction to motion/improper motion	54	43	63	46	43	36	37	43	54	48	41	39	38	36	43	36	41	27	36	48	41	43
others	3	1	5	4	1	6	3	5	8	4	1	3	11	5	3	3	8	3	14	6	5	8

unclassifiable	3	2	0	4	1	-	1	0	3	1	0	0	1	1	2	0	1	3	1	0	0	0
total	940	825	852	758	698	730	655	696	679	713	627	627	657	607	634	622	560	509	583	567	572	573

Causal agents (middle) of industrial accidents in electricity/telecommunication work 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	2	1	3	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
power transmission mechanism	2	1	2	1	1	1	1	0	2	1	0	1	0	0	0	2	0	0	0	1	0	0
woodworking machine	5	6	12	10	12	6	3	6	6	9	4	7	5	6	7	7	9	5	8	9	8	5
construction machine	48	39	48	32	39	35	34	46	35	33	39	36	36	34	25	32	35	25	24	27	31	31
metal manufacturing machine	17	12	18	15	11	10	6	11	8	10	11	6	8	10	3	10	2	4	6	9	4	6
general machine	14	15	15	13	7	12	6	8	5	9	9	6	11	11	7	8	6	5	7	6	5	7
mobile silviculture machine																	0	0	0	0	0	1
crane	28	34	31	13	25	29	16	21	20	27	27	22	16	17	24	27	20	19	7	23	19	21
conveying machine	87	63	62	56	51	44	56	64	42	37	39	39	42	34	27	32	40	29	40	33	38	45
vehicle	57	39	34	40	45	44	48	45	40	39	49	36	29	54	46	38	42	40	41	41	50	32
pressure vessel	1	0	0	1	0	2	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0
chemical facilities	0	0	0	-	0	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	3	3	-	1	2	3	1	3	1	1	0	1	0	1	1	0	0	0	10	1	1
kiln, caldron	1	0	0	-	0	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
electric equipment	78	62	63	51	39	48	53	34	46	38	40	36	22	29	40	35	36	31	34	34	32	30
human power machine, tools	44	29	25	33	34	19	16	23	30	22	20	18	24	23	21	21	16	13	17	13	15	22
tools	203	182	188	185	150	175	155	165	137	177	140	160	155	136	164	128	121	108	124	105	135	99
other equipments, facilities	10	12	4	15	5	7	7	8	10	18	9	10	12	6	18	13	8	10	4	5	5	9
temporary buildings,	181	197	185	158	164	170	152	163	163	172	139	153	179	151	150	143	126	120	140	134	114	151

establishments																							
hazards, harmful substances	3	1	4	3	1	1	2	2	3	2	1	2	4	3	2	7	3	2	1	1	2	2	
materials	60	59	65	52	39	41	34	37	48	43	37	32	38	36	29	37	25	32	31	32	30	27	
load	29	34	41	23	28	31	21	23	25	24	26	18	17	20	18	17	12	15	24	23	16	23	
natural environment	34	16	25	30	21	33	22	18	27	33	13	27	40	21	32	34	32	33	45	42	43	35	
other causal agent	13	8	8	3	6	8	4	3	2	5	5	5	5	2	5	8	2	2	4	7	2	13	
no causal agent	20	10	16	19	19	10	14	15	23	13	16	11	13	14	14	22	23	12	23	12	22	13	
unclassifiable	3	2	0	4	0	1	1	2	3	0	0	1	0	0	1	0	1	3	2	0	0	0	
total	940	825	852	758	698	730	655	696	679	713	627	627	657	607	634	622	560	509	583	567	572	573	

Causal agents (small) of industrial accidents in electricity/telecommunication work 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			3		0		1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
power transmission mechanism			2		1		1	0	2	1	0	1	0	0	0	2	0	0	0	1	0	0
circular sawing machine			4		10		2	4	2	3	1	3	2	2	7	3	7	2	3	1	4	1
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		1		0	0	0	0	0	0	0	0	0	0	0	0	0	1	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			3		0		1	1	2	5	3	3	3	3	0	1	2	2	5	3	4	3
other woodworking machines			5		1		0	1	2	1	0	1	0	1	0	3	0	1	0	4	0	1
leveling, transporting or loading machine			2		0		1	1	0	0	1	0	0	0	2	1	0	0	2	0	1	1
excavating machine			6		3		2	8	1	2	3	3	4	4	4	3	2	0	3	4	4	7

equipment																						
arc welding equipment			2	0	2	1	1	1	1	0	1	0	1	1	0	0	0	1	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			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	1	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		
transmission			29	22	26	14	28	24	22	20	11	14	21	14	23	19	24	21	21	15		
electric power facilities			22	7	17	11	17	10	13	10	7	11	15	18	7	8	7	10	8	12		
other electrical equipment			12	10	10	9	1	4	5	6	4	4	4	3	6	4	3	3	3	3		
human power cranes			0	0	3	0	2	0	1	2	0	1	2	1	0	1	0	1	0	1		
human power hauling equipment			2	2	1	2	4	2	2	3	3	4	1	2	2	1	5	4	5	4		
human power machine			1	0	0	0	3	0	1	0	0	0	1	2	1	0	0	0	0	1		
hand tool			22	32	12	21	21	20	16	13	21	18	17	16	13	11	12	8	10	16		
ladder			172	133	139	141	125	152	128	143	144	117	148	118	109	93	113	89	115	90		
slinging tool			5	4	5	2	3	6	2	2	4	3	6	1	0	3	3	2	0	3		
other tools			11	13	11	22	9	19	10	15	7	16	10	9	12	12	8	14	20	6		
other equipment, facilities			4	5	7	8	10	18	9	10	12	6	18	13	8	10	4	5	5	9		
scaffolding			17	12	13	13	15	10	12	9	15	3	11	8	8	6	4	6	1	7		
timbering			0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0		
stairs, landing stage			27	20	21	24	25	22	21	30	27	26	27	26	30	18	25	23	19	36		
opening			4	5	4	3	5	0	4	4	6	4	6	7	2	5	3	6	3	5		
roof, beam, haze, crossbeam, principal rafter			17	28	15	21	27	23	19	24	25	20	21	27	8	6	13	12	11	13		
working platform, boot board			14	18	8	14	13	13	3	19	13	9	11	11	8	9	17	7	13	7		
passage			31	24	32	25	32	32	31	19	29	36	29	29	21	27	32	29	31	35		
building, establishment			49	34	30	47	28	52	30	32	41	39	33	19	30	31	31	33	18	29		

19 years old or less	25	17	22	20	18	14	13	12	13	11	17	13	13	11	13	12	13	7	11	7	16	10
20-29	258	271	223	209	171	174	155	143	137	129	123	112	133	107	116	104	115	106	114	105	94	99
30-39	212	144	179	166	191	180	165	191	190	173	161	167	145	148	140	151	120	117	114	101	116	98
40-49	178	147	174	141	121	125	115	131	103	146	115	121	130	124	136	135	119	106	138	143	138	130
50-59	191	184	186	149	142	162	154	160	159	159	118	140	127	115	128	118	98	90	113	107	98	127
60 years old or more	76	62	68	73	55	75	53	59	77	95	93	74	109	102	101	102	95	83	93	104	110	109
total	940	825	852	758	698	730	655	696	679	713	627	627	657	607	634	622	560	509	583	567	572	573

Workers' number of workplace of industrial accidents in electricity/telecommunication work 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	429	391	414	386	351	355	320	357	349	361	310	308	288	292	294	285	248	260	242	258	271	235
10-29	270	237	252	223	190	199	192	180	202	191	172	186	202	160	185	192	181	136	192	166	157	204
30-49	109	89	82	64	76	90	67	71	61	82	60	60	88	65	62	65	61	52	75	74	74	66
50-99	63	57	54	52	49	42	48	49	40	46	52	37	46	55	45	47	45	39	36	35	36	43
100-299	56	46	41	26	25	36	23	32	17	26	26	26	28	30	41	24	19	17	31	25	26	17
300 workers or more	13	5	9	7	7	8	5	7	10	7	7	10	5	5	7	9	6	5	7	9	8	8
total	940	825	852	758	698	730	655	696	679	713	627	627	657	607	634	622	560	509	583	567	572	573

Month of industrial accidents in electricity/telecommunication work 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	72	66	71	64	58	66	57	61	49	63	54	47	42	48	58	47	43	38	42	42	45	42
February	89	73	85	66	63	71	61	54	77	54	59	62	55	62	56	52	56	50	42	55	47	54
March	82	71	94	65	62	61	61	64	58	75	49	61	85	44	53	59	44	49	60	44	52	51
April	89	72	56	68	66	53	55	49	47	45	48	46	45	47	52	63	36	35	42	39	46	34
May	63	48	55	58	59	53	53	57	56	46	52	46	42	50	36	49	38	39	44	34	41	38
June	83	72	64	63	58	49	47	49	60	60	55	49	53	52	50	48	52	34	52	47	37	44
July	70	83	82	72	45	71	50	46	62	68	55	64	52	47	56	64	50	37	72	82	46	68
August	70	71	58	54	67	78	55	65	62	65	48	56	50	52	53	53	51	38	48	39	56	45
September	84	72	62	67	52	63	58	70	51	72	52	52	59	57	50	54	46	51	44	50	60	46
October	79	67	79	65	64	50	51	64	47	56	54	50	57	48	63	42	65	65	40	48	41	52
November	76	68	66	49	54	50	47	59	56	57	46	50	56	49	56	42	39	40	51	46	53	53
December	83	62	80	67	50	65	60	58	54	52	55	44	61	51	51	49	40	33	46	41	48	46

total	940	825	852	758	698	730	655	696	679	713	627	627	657	607	634	622	560	509	583	567	572	573
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Prefecture of industrial accidents in electricity/telecommunication work 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	57	44	37		32		46	34	41	35	21	25	33	39	44	42	34	36	26	27	40	40
Aomori	6	8	12		5		6	8	4	9	11	5	6	14	8	5	7	7	3	7	4	5
Iwate	8	12	9		7		5	6	5	9	6	4	16	8	8	15	4	5	12	7	8	8
Miyagi	24	18	10		8		14	14	10	10	12	13	25	14	8	11	8	16	10	7	12	7
Akita	4	11	8		9		5	7	5	2	6	8	8	10	6	7	2	9	16	8	6	5
Yamagata	13	9	7		3		8	7	6	6	8	6	5	11	8	5	12	5	5	7	5	7
Fukushima	16	17	15		5		15	13	11	11	11	15	16	12	13	10	7	11	11	15	14	11
Ibaraki	22	26	28		22		20	24	21	10	14	15	15	15	11	12	8	11	15	16	11	11
Tochigi	20	12	17		14		9	11	13	12	11	11	10	15	10	7	14	15	17	11	13	9
Gunma	19	17	13		9		15	14	20	15	14	19	10	13	13	17	12	5	6	16	9	14
Saitama	34	39	44		22		21	36	29	36	31	20	34	39	32	25	17	16	19	21	22	18
Chiba	34	33	42		40		29	34	30	33	23	33	33	24	37	28	23	22	23	18	31	27
Tokyo	84	75	67		55		57	60	54	65	46	57	52	50	56	39	48	33	22	45	32	30
Kanagawa	52	37	32		33		37	41	38	33	36	29	25	16	17	18	23	24	32	16	26	26
Niigata	26	22	21		16		15	20	20	15	17	11	19	18	15	16	12	17	20	10	21	17
Toyama	13	6	18		12		14	8	5	10	9	5	15	4	10	4	9	5	3	11	6	4
Ishikawa	6	10	8		6		10	6	9	7	5	7	11	10	11	11	7	5	9	13	5	4
Fukui	7	5	6		4		5	2	5	12	3	6	9	6	3	12	9	5	9	5	8	6
Yamanashi	11	8	17		7		5	5	7	11	2	5	2	3	6	3	5	1	3	2	3	4
Nagano	18	9	15		16		9	15	8	18	14	14	16	13	13	19	16	16	12	15	11	10
Gifu	17	14	10		14		13	11	12	13	9	16	6	12	12	10	12	13	13	11	14	7
Shizuoka	30	22	30		40		24	21	22	24	23	26	14	18	18	23	10	16	8	13	18	18
Aichi	38	37	35		20		19	39	30	39	27	24	26	25	24	21	26	22	24	28	25	25
Mie	14	17	20		16		11	11	12	14	18	8	11	6	10	11	12	14	11	13	17	15
Shiga	7	9	6		5		4	6	10	4	4	8	8	4	9	5	5	4	8	8	9	8
Kyoto	20	23	31		17		14	15	12	22	12	14	9	12	14	12	10	11	13	8	12	13
Osaka	73	48	54		56		44	39	47	42	46	49	33	28	29	20	29	27	29	32	24	32
Hyogo	53	39	37		26		18	18	26	21	27	22	19	17	21	26	26	19	28	21	16	28
Nara	11	14	6		10		4	8	6	7	10	11	12	8	1	11	3	3	3	4	4	11
Wakayama	11	10	5		7		7	7	6	13	6	7	9	3	5	4	3	3	3	4	7	4
Tottori	4	3	4		4		5	2	3	1	3	1	5	0	1	2	3	1	3	3	3	3

Shimane	4	4	7		2		3	1	5	8	9	7	2	3	4	7	3	2	4	5	2	2
Okayama	12	9	5		12		9	9	7	12	10	8	12	18	9	13	11	13	10	10	13	12
Hiroshima	22	13	12		18		16	17	25	11	17	14	19	11	18	17	13	13	22	11	12	11
Yamaguchi	9	10	9		10		7	9	7	11	6	9	9	9	3	3	6	6	11	7	8	8
Tokushima	4	4	5		2		3	2	3	3	4	3	5	2	4	9	8	5	4	7	4	9
Kagawa	15	4	4		9		11	2	7	4	1	2	2	4	7	6	3	2	12	4	3	3
Ehime	8	9	11		7		3	14	10	7	3	5	10	7	10	8	10	3	10	9	11	12
Kochi	4	2	8		5		6	3	4	5	5	7	6	6	7	9	2	8	4	8	3	2
Fukuoka	35	46	45		47		31	41	37	35	26	34	22	28	28	27	20	23	17	27	28	19
Saga	3	9	9		3		3	5	3	2	3	5	6	6	8	6	13	4	11	4	2	6
Nagasaki	17	9	15		7		4	10	7	3	5	3	11	7	11	8	7	7	8	5	9	11
Kumamoto	15	11	10		5		10	8	6	9	13	5	5	9	8	8	8	5	8	10	10	8
Oita	21	19	15		15		14	12	11	19	16	5	6	12	11	13	9	7	12	11	9	10
Miyazaki	5	6	14		7		8	7	2	6	7	9	10	6	8	16	12	2	7	10	10	15
Kagoshima	12	7	15		4		8	10	10	10	9	7	13	7	19	14	13	9	21	9	9	16
Okinawa	2	9	4		5		11	4	8	9	8	10	7	5	6	7	6	3	6	8	3	2
total	940	825	852		698		655	696	679	713	627	627	657	607	634	622	560	509	583	567	572	573

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 electricity/telecommunication work in Japan in 1999-2020

electricity/telecommunication work industry Code No.030301

Type of fatal accidents in electricity/telecommunication work 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	12	8	13	12	16	6	11	14	15	11	6	11	10	4	7	10	11	6	5	8	3	2
falling to same level	1	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	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	0	0	1	0	0	1	0	0	1	0	3	1	1	1	1	0	0	0	1	2	3	2

construction machine	3	2	4	1	3	2	3	3	4	3	2	3	2	3	2	3	2	2	0	0	2	2
metal manufacturing machine	0	0	0	1	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	3	5	1	1	1	1	0	1	3	1	1	1	1	1	0	1	3	0	0	3	1	0
conveying machine	3	2	4	6	6	3	1	5	3	1	2	5	5	3	0	0	2	0	4	1	2	3
vehicle	2	3	2	3	5	5	3	1	2	2	2	2	2	1	1	3	3	0	3	1	0	3
pressure vessel	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	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	21	7	8	7	2	10	10	4	7	12	5	5	1	4	1	6	6	6	7	2	1	1
human power machine, tools	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
tools	2	2	4	1	1	1	3	4	3	3	5	2	3	3	4	2	3	0	1	2	2	2
other equipments, facilities	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1
temporary buildings, establishments	5	5	6	7	13	3	7	8	9	7	3	6	6	2	2	5	3	3	2	5	3	1
hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
materials	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
load	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0
natural environment	1	1	1	2	1	4	2	0	1	1	0	1	16	1	2	2	2	0	0	3	0	2
other causal agent	0	0	1	0	1	0	0	1	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	1	2	0	2	0
unclassifiable	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
total	42	28	32	29	34	32	31	27	32	32	22	26	37	18	13	23	26	12	19	20	14	15

cableway																						
simple skyline yarding equipment																	0	0	0	0	0	0
other powered crane	1	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1	1	0
truck	2	2	3	4	5	2	1	5	3	1	1	5	4	2	0	0	1	0	3	1	2	3
forklift	0	0	0	1	0	1	0	0	0	0	1	0	0	1	0	0	1	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	0	0	0	0
conveyor	1	0	0	1	0	0	0	0	0	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	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
cars, bus, motorcycle	2	3	2	3	4	5	3	1	2	2	2	2	2	1	0	3	3	0	3	1	0	3
railway vehicle	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	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	1	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	2	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	10	4	4	6	1	10	7	2	5	10	2	4	1	2	1	3	5	4	6	2	1	1
electric power facilities	8	2	4	1	1	0	3	2	2	0	3	1	0	2	0	3	0	2	1	0	0	0
other electrical equipment	3	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	0	0	0
load	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0
machine/equipment as load	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
natural ground, rock	1	0	1	0	0	1	0	0	1	1	0	0	0	0	1	1	2	0	0	2	0	1
standing tree	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1
water	0	0	0	0	0	0	2	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0
abnormal environment	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	1	1	1	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
other causal agent	0	0	1	0	1	0	0	1	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	1	1	2	0	2	0	0
unclassifiable	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
total	42	28	32	29	34	32	31	27	32	32	22	26	37	18	13	23	26	12	19	20	14	15

Workers age of fatal accidents in electricity/telecommunication work 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	1	0	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
20-29	9	10	7	9	3	5	6	7	4	3	5	4	5	1	1	3	4	5	5	2	1	2
30-39	6	4	7	8	5	9	6	7	8	6	3	7	5	4	2	2	0	1	3	3	1	2
40-49	6	4	5	3	6	10	7	3	3	12	4	3	8	3	1	6	6	3	3	5	5	1
50-59	13	6	8	6	9	4	10	7	10	6	3	6	6	5	7	8	6	1	4	1	3	2
60 years old or more	7	4	4	3	10	3	1	3	7	5	7	6	13	5	1	4	10	2	4	9	4	8
total	42	28	32	29	34	32	31	27	32	32	22	26	37	18	13	23	26	12	19	20	14	15

Workers' number of workplace of fatal accidents in electricity/telecommunication work 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	14	12	15	13	14	13	19	18	15	15	11	14	23	9	8	15	16	4	7	8	4	4

10-29	15	10	6	12	10	12	9	8	13	10	2	7	10	5	3	5	8	3	7	11	7	8
30-49	8	1	6	2	4	1	1	1	3	4	5	1	2	2	0	2	1	0	2	0	1	2
50-99	3	4	3	1	6	1	2	0	1	3	3	3	1	1	1	1	1	3	1	1	1	1
100-299	2	1	1	1	0	4	0	0	0	0	1	1	1	1	1	0	0	2	1	0	1	0
300 workers or more	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
total	42	28	32	29	34	32	31	27	32	32	22	26	37	18	13	23	26	12	19	20	14	15

Month of fatal accidents in electricity/telecommunication work 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	1	3	2	1	4	1	0	0	0	2	2	5	1	1	1	0	4	2	1	1	0	1
February	2	2	2	1	1	0	2	5	2	1	4	2	1	1	2	2	3	2	2	4	3	1
March	4	3	6	0	0	2	6	2	3	3	1	2	17	0	0	1	4	1	3	2	1	1
April	4	0	4	2	5	3	1	4	2	1	0	2	1	4	1	5	1	1	1	0	0	0
May	3	2	2	1	1	4	0	2	4	2	0	2	1	0	1	2	2	2	1	1	2	0
June	5	3	1	3	0	5	3	2	3	0	1	1	1	2	0	1	1	2	1	2	1	2
July	3	4	5	7	5	5	1	1	5	9	1	4	3	1	3	4	0	0	4	3	1	2
August	4	6	0	3	4	6	2	1	1	1	2	1	1	1	1	2	5	0	1	0	0	1
September	6	1	3	2	5	1	6	3	6	5	4	2	2	4	2	2	1	1	2	2	1	1
October	1	1	3	1	5	2	2	1	2	2	2	2	0	1	0	0	2	0	0	0	1	2
November	8	2	2	2	4	2	5	0	0	4	2	1	5	3	1	3	2	0	0	3	3	2
December	1	1	2	6	0	1	3	6	4	2	3	2	4	0	1	1	1	1	3	2	1	2
total	42	28	32	29	34	32	31	27	32	32	22	26	37	18	13	23	26	12	19	20	14	15

Prefecture of fatal accidents in electricity/telecommunication work 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	1	4	3	0	4	2	2	1	7	2	1	1	0	1	0	1	2	1	0	2	1	2
Aomori	0	0	0	0	0	2	1	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0
Iwate	2	0	0	3	1	2	0	0	0	0	0	0	9	0	0	2	0	0	0	0	0	1
Miyagi	2	3	1	0	1	0	1	1	0	0	1	1	6	0	0	0	0	0	0	2	0	0
Akita	1	0	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	2	1	0
Yamagata	0	0	0	1	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0
Fukushima	0	1	1	1	0	0	1	2	1	0	0	0	3	0	1	0	1	0	0	0	0	0
Ibaraki	1	0	0	2	0	1	3	1	3	0	0	0	1	1	0	0	0	0	0	1	0	0

Tochigi	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	
Gunma	2	1	1	1	0	0	1	0	0	2	1	1	2	0	0	3	0	1	0	1	0	0	
Saitama	2	0	1	1	1	1	0	0	1	3	3	0	1	1	0	2	1	0	1	1	1	0	
Chiba	1	0	3	1	1	2	0	2	1	0	1	1	1	0	1	2	1	1	0	0	1	2	
Tokyo	1	6	8	1	3	3	1	2	1	0	0	3	0	1	1	0	3	0	1	2	0	1	
Kanagawa	3	0	0	0	1	0	1	3	1	1	1	0	0	0	2	0	1	0	0	0	0	0	
Niigata	3	0	0	0	0	0	0	1	0	1	2	0	0	0	1	0	0	1	0	0	1	1	
Toyama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
Ishikawa	1	0	1	1	0	1	0	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	
Fukui	0	0	0	1	0	0	0	0	0	3	0	0	0	0	2	0	0	3	1	1	0	0	1
Yamanashi	2	0	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Nagano	2	0	0	0	1	2	1	0	0	0	2	2	0	0	0	4	0	0	1	0	0	0	
Gifu	0	1	0	1	1	0	1	0	1	2	0	0	0	0	0	1	1	1	0	0	0	0	
Shizuoka	1	0	0	1	1	2	1	0	0	4	0	2	3	0	0	0	2	0	0	0	0	1	
Aichi	1	1	1	2	0	1	0	0	0	1	0	1	1	1	1	0	2	0	1	0	1	1	
Mie	0	1	0	1	1	1	0	0	1	1	0	2	0	0	0	1	0	0	1	2	0	0	
Shiga	1	2	0	1	2	2	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	
Kyoto	0	0	1	0	0	1	0	0	0	2	2	1	0	1	0	1	0	0	0	0	0	0	
Osaka	0	0	3	2	2	0	3	1	3	3	4	2	2	0	2	0	0	0	0	1	0	2	
Hyogo	1	3	3	1	0	1	2	2	2	0	2	2	0	0	0	0	1	0	2	0	0	0	
Nara	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	0	0	0	1	1	
Wakayama	1	0	0	0	2	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0
Tottori	0	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	1	0	0	0	0	1	0	1	0	0	0	0	0
Okayama	1	0	0	2	1	0	0	2	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1
Hiroshima	0	1	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	2	0	0	0	
Yamaguchi	1	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	
Tokushima	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagawa	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0
Ehime	0	0	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	3	0
Kochi	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Fukuoka	1	1	0	1	2	1	2	2	1	1	0	0	0	0	1	0	1	0	1	0	0	0	0
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Nagasaki	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
Kumamoto	1	1	1	0	0	0	2	1	0	1	0	0	0	0	1	0	1	0	0	1	0	0	0

Oita	3	0	0	0	0	1	3	0	0	1	0	0	0	0	0	0	1	1	2	0	1	1
Miyazaki	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0
Kagoshima	2	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0
Okinawa	0	1	0	0	1	1	1	0	1	1	0	1	0	0	0	1	1	0	2	1	2	0
total	42	28	32	29	34	32	31	27	32	32	22	26	37	18	13	23	26	12	19	20	14	15

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