

code no.35 electric equipment as Causal(M) agents

Fatal & non-fatal accidents caused by electric equipment as Causal(M) agents in 1999-2020

Industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
010101 meat/dairy products	2	2	2		0	8	2	3	1	1	1	0	1	2	0	2	4	1	2	2	2	0
010102 fishery products	2	2	3	1	0	2	1	2	2	2	2	2	3	1	1	1	1	3	0	0	2	4
010103 agricultural food products	0	0	1	1	0		0	0	0	1	0	0	1	1	1	0	0	2	1	2	0	0
010104 bread/cake products	5	3	2	2	0	2	2	4	4	2	0	3	2	3	2	2	1	3	4	1	5	6
010105 alcoholic drinks	2	0	0	1	0	3	0	2	0	0	1	0	0	0	0	1	0	0	1	0	0	0
010106 soft drinks	1	0	0		0	1	0	0	1	0	0	0	0	0	1	0	0	1	2	0	0	0
010109 other foods	1	5	6	9	9	9	6	5	6	10	4	6	12	4	11	9	10	9	4	9	8	4
0101 food products	13	12	14	14	9	25	11	16	14	16	8	11	19	11	16	15	16	19	14	14	17	14
010201 silk-reeling	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010202 cotton-spinning	0	0	0		0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
010203 weaving	0	0	1		0		0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0
010204 dyeing	1	1	1		0	1	2	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
010209 other textile products	2	0	0		1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0102 textile products	3	1	2		1	3	4	1	2	0	2	1	0	1	0	0	0	0	0	1	0	0
010301 over/under wear	0	0	1	2	0	1	0	0	0	2	0	1	1	0	0	0	1	0	0	1	0	0

010702 bookbinding	0	0	0		0		0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0
010709 other printing and bookbinding	0	0	0	1	0		1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
0107 printing/bookbinding	1	0	1	1	0		1	1	0	0	2	1	0	0	0	0	1	0	2	1	1	0
010801 non organic or organic chemical products	2	1	1	1	1	1	1	0	0	1	0	2	0	1	1	2	0	1	2	0	1	1
010802 chemical fiber	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
010803 pharmaceuticals	0	0	0		0		0	0	0	0	0	0	0	1	0	0	0	0	3	1	0	0
010804 petroleum/coal products	0	0	0		0	1	0	0	0	0	1	0	0	2	0	0	0	2	0	0	0	0
010805 plastics products	4	3	1	4	5	1	1	1	1	1	3	2	1	3	0	1	0	1	2	2	2	5
010806 rubber products	0	0	2		1	1	0	0	0	1	0	0	0	1	0	1	0	0	2	0	0	4
010807 leather products	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010808 painting products	0	0	0		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
010809 chemical fertilizer products	0	0	0		0		0	0	1	0	0	1	0	0	1	0	0	0	1	0	0	0
010899 other chemical products	0	0	3	1	1	1	1	0	1	0	3	0	0	1	4	0	1	1	0	0	1	0
0108 chemical products	6	4	7	6	8	5	3	1	3	3	8	5	1	9	6	4	1	5	10	5	4	10
010901 cement products	3	1	3	2	1	1	3	3	0	0	1	3	0	0	2	1	1	1	0	0	0	1
010902 glass products	0	0	0		1	2	1	0	0	0	0	0	1	1	1	0	0	0	0	2	0	0

010903 pottery products	1	1	0		0		0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0
010904 fire resisting products	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010905 other ceramic products	1	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010909 other sand and stone products	5	3	1	1	1		3	2	0	3	2	2	2	1	1	0	0	1	0	1	0	0
0109 sand and stone products	10	5	4	3	3	3	7	5	0	3	3	5	3	3	4	1	1	2	1	3	0	1
011001 steel/iron/rolling products	2	1	1	1	3	4	1	1	1	1	0	2	4	0	1	2	1	1	0	3	0	1
011002 casting products	0	1	1		1		3	1	1	0	1	2	0	0	1	2	1	1	0	1	0	0
011009 other steel products	2	1	1	1	0		0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0
0110 steel making	4	3	3	2	4	4	4	3	2	1	1	4	5	0	2	4	2	2	0	4	0	1
011101 nonferrous metals/rolling products	1	0	1	1	0		1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
011102 nonferrous metals casting products	0	1	1		0		0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	2
011109 other nonferrous metal products	1	2	2	1	1	3	0	0	1	1	1	2	0	0	0	0	1	0	0	1	0	0
0111 nonferrous metal	2	3	4	2	1	3	1	0	1	1	3	3	0	0	0	0	1	0	0	1	2	2

making																						
011201 western tableware/cutting tool products	0	0	1		0		0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
011202 screw products	0	0	1		0		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
011203 metal press products	0	0	1		1	1	1	1	0	1	0	0	0	3	0	0	0	2	0	1	0	1
011204 metal plating products	0	0	1		2	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	2
011209 other metal products	11	9	7	6	6	12	5	7	9	9	6	5	10	4	6	3	11	4	8	9	5	4
0112 metal products	11	9	11	6	9	14	6	9	11	11	8	5	10	7	6	4	11	6	8	10	5	7
011301 machine products	7	6	9	6	7	5	3	3	9	9	4	12	1	5	2	1	9	1	3	6	5	2
011302 measuring instruments	1	1	0		0		1	1	0	4	0	0	0	0	0	0	1	0	0	0	1	1
011303 optical instruments	0	1	0		1		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
011304 watch products	0	0	0		0		0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
011305 other precision machine products	0	2	2	1	2	1	0	1	0	0	0	0	0	2	0	0	1	1	2	1	0	0
0113 machine products	8	10	11	7	10	6	4	5	10	13	5	12	1	7	2	2	11	2	5	7	6	3
011401 heavy electrical equipment	4	3	0	1	2	1	6	1	1	1	4	0	2	3	2	3	4	3	3	0	1	2
011402 electrical appliance	0	1	1	1	2	1	0	1	1	3	2	1	1	0	0	0	0	2	0	2	1	1

0116 electric/gas/water service	4	6	9	4	7	1	7	4	3	5	1	6	3	5	2	1	1	1	1	4	1	6
011701 auto mobile servicing	1	4	1		2	1	2	0	1	1	2	1	2	1	0	0	0	2	1	1	2	0
011702 machine repair	1	3	2	2	1	1	1	2	2	2	1	0	0	1	1	1	2	2	0	2	2	1
011703 cleaning	2	3	0	1	2	3	2	0	1	2	2	3	2	1	3	3	0	0	1	3	4	6
011704 tobacco products	0	0	0		0		0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
011709 other manufacturing	4	3	3	2	1	5	3	1	5	4	1	0	6	3	0	1	5	1	0	1	0	0
0117 other manufacturing	8	13	6	5	6	10	8	3	10	9	6	4	10	6	4	5	7	5	2	7	8	7
01 manufacturing	98	95	96	81	80	100	87	71	80	97	65	70	75	71	57	55	71	61	62	71	62	64
020101 general coal mining	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
020109 other coal mining	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0201 coal mining	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
020201 quarrying	0	2	1		0	3	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
020202 gravel digging	0	1	0		0		0	0	1	0	0	1	0	0	0	1	0	0	1	0	0	0
020209 other quarrying	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0202 quarrying	0	3	1		0	3	1	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0
020301 metal mining	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
020302 petroleum mining	0	1	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
020309 other mining	0	0	0		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
0203 other mining	0	1	0		0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

02 mining	0	4	1		0	4	1	0	1	0	0	1	0	2	0	1	0	0	1	0	0	0
030101 hydroelectric plant construction work	0	1	1		0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
030102 tunnel construction work	0	0	0		0		0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0
030103 subway construction work	0	1	0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
030104 railway construction work	1	0	1		2		0	1	0	2	1	1	0	1	0	1	1	0	1	0	1	0
030105 bridge construction work	1	0	1		2	1	0	0	1	1	0	0	0	1	1	0	0	1	0	0	0	0
030106 road construction work	1	0	4		1	2	1	0	2	0	2	0	0	3	0	4	0	1	1	2	1	0
030107 river civil engineering work	2	0	0		0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
030108 sand collapse prevention civil engineering work	0	0	0		0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
030109 land consolidation civil engineering work	0	0	0		0		0	0	0	2	1	1	1	1	0	0	0	1	0	0	1	0
030110 water supply/sewage	3	0	2	1	1	1	3	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0

030309 other construction works	7	12	8	12	4	11	8	12	14	12	5	5	11	5	7	13	10	9	6	8	9	7
0303 other construction works	93	78	77	71	51	67	67	53	68	57	53	46	38	39	51	58	47	47	41	48	45	41
03 construction	127	111	128	114	91	107	105	85	107	89	80	81	65	74	79	88	75	82	72	79	75	68
040101 railroad service	3	3	2	5	2	1	7	2	5	4	1	3	0	1	3	4	2	3	2	4	1	1
040102 water transportation service	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040103 airline service	0	0	0	1	0		0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
0401 railroad/water transportation/airline service	3	3	2	6	2	1	7	2	5	4	1	3	0	2	3	4	2	3	2	5	1	2
040201 taxi service	1	2	0		0		0	0	0	0	0	0	1	0	1	0	0	0	0	3	1	0
040202 bus service	1	2	0		0	1	1	0	0	1	0	0	2	1	0	1	0	1	0	1	0	1
040209 other passenger transport service	0	0	0		0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0402 road passenger transport service	2	4	0		0	1	1	0	0	2	0	0	3	1	1	1	0	1	0	4	1	1
040301 general truck transportation service	11	12	4	4	7	2	3	7	4	3	4	6	5	8	3	6	4	8	5	7	8	5
040302 specific truck transportation service	0	1	1		1		0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0

transportation service																						
0502 port cargo transportation service	0	1	0	1	0		1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0
05 cargo handling service	0	2	1	1	0		2	1	1	1	1	1	1	2	0	2	0	1	1	2	0	1
060101 agriculture	0	0	1		1		0	1	0	0	1	2	2	3	0	0	1	4	1	1	0	0
0601 agriculture	0	0	1		1		0	1	0	0	1	2	2	3	0	0	1	4	1	1	0	0
060201 lumbering	1	0	0		1		1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0
060209 other forestry	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
0602 forestry	1	0	0		1		1	1	0	1	0	0	0	0	0	0	0	2	0	0	0	0
06 agriculture	1	0	1		2		1	2	0	1	1	2	2	3	0	0	1	6	1	1	0	0
070101 livestock	2	1	0	1	2	2	0	2	1	1	2	2	0	2	1	1	0	1	0	1	3	1
0701 livestock	2	1	0	1	2	2	0	2	1	1	2	2	0	2	1	1	0	1	0	1	3	1
070201 fishery	0	4	0		1		0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0
070209 other fishery	0	0	0		0		0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
0702 fishery	0	4	0		1		0	0	0	1	0	0	0	1	0	0	1	0	1	0	1	0
07 livestock/fishery	2	5	0	1	3	2	0	2	1	2	2	2	0	3	1	1	1	1	1	1	4	1
080101 all kinds of wholesale	1	1	0		0		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
080102 furniture/fittings wholesale	0	0	0		0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
080109 other wholesale	4	1	3	5	3	3	1	2	5	8	1	4	3	1	5	2	2	1	1	3	6	6

service	1	1	0		1	1	3	0	0	4	1	3	1	0	3	2	2	7	0	3	1	2
11 telecommunication service	1	1	0		1	1	3	0	0	4	1	3	1	0	3	2	2	7	0	3	1	2
120101 auto mobile practical training	0	0	0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
120102 software service	0	0	0		0		0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0
120109 other education/research service	1	1	3	1	1		0	2	2	0	1	1	1	1	2	5	0	2	0	4	2	3
1201 education/research service	1	1	3	1	1		0	2	3	0	1	1	1	1	2	5	1	2	0	4	5	3
12 education/research service	1	1	3	1	1		0	2	3	0	1	1	1	1	2	5	1	2	0	4	5	3
130101 hospital	6	5	3	3	2	3	5	7	7	4	6	5	7	9	2	3	7	15	10	16	16	16
130102 general clinic	1	0	0		0		0	0	0	0	1	0	0	1	1	0	2	0	5	1	3	2
130109 other medical treatment service	0	0	1		0		0	1	0	0	1	1	0	1	1	0	1	0	1	4	2	1
1301 medical treatment service	7	5	4	3	2	3	5	8	7	4	8	6	7	11	4	3	10	15	16	21	21	19
130201 social welfare facility	1	2	3	2	4	3	2	3	3	3	6	5	6	6	10	9	12	16	24	27	27	19
1302 social welfare facility	1	2	3	2	4	3	2	3	3	3	6	5	6	6	10	9	12	16	24	27	27	19
130301 bathhouse	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1
130309 other health and	0	0	0		0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1

hygiene service																						
1303 other health and hygiene service	0	1	0	1	0	2	0	0	0	1	0	1	0	0	0	0	0	1	2	0	0	2
13 health and hygiene service	8	8	7	6	6	8	7	11	10	8	14	12	13	17	14	12	22	32	42	48	48	40
140101 hotel	5	3	7	4	3	8	5	2	3	5	4	3	0	4	2	6	5	3	5	4	5	2
1401 hotel	5	3	7	4	3	8	5	2	3	5	4	3	0	4	2	6	5	3	5	4	5	2
140201 general restaurant	8	7	7	3	7	5	6	7	5	8	5	5	8	12	14	7	8	7	12	8	10	8
140209 other restaurants	0	1	0	1	0		0	0	0	1	0	0	2	2	1	3	0	0	1	0	2	1
1402 restaurant	8	8	7	4	7	5	6	7	5	9	5	5	10	14	15	10	8	7	13	8	12	9
140301 golf course	0	1	1	4	1	1	1	0	0	1	1	1	0	1	1	2	0	0	0	1	2	1
140302 park and amusement park	0	1	0		0		0	0	0	1	0	1	1	0	1	2	0	1	1	0	1	0
140309 other amusement service	5	2	3		0	2	4	3	4	0	3	1	1	1	3	3	3	3	1	1	2	0
1403 other amusement service	5	4	4	4	1	3	5	3	4	2	4	3	2	2	5	7	3	4	2	2	5	1
14 amusement service	18	15	18	12	11	16	16	12	12	16	13	11	12	20	22	23	16	14	20	14	22	12
150101 building maintenance service	9	18	21	10	12	16	12	11	17	17	9	9	19	16	5	12	11	13	20	16	12	22
150102 industrial waste management service	1	0	0		1	2	0	2	2	1	1	1	1	1	0	4	1	0	1	4	3	1

150103 other waste disposal service	2	1	2		2	1	0	0	1	0	0	1	0	0	1	0	1	1	1	0	0	1
150104 cremation service	0	0	0		0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
150105 livestock process service	0	0	0		0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
150109 other cleaning and livestock process service	2	0	3	4	0	4	0	1	2	0	0	0	1	0	1	0	1	2	0	3	1	1
1501 commercial cleaning	14	19	26	14	15	24	12	14	22	18	10	12	22	17	7	16	14	16	22	23	16	25
15 commercial cleaning	14	19	26	14	15	24	12	14	22	18	10	12	22	17	7	16	14	16	22	23	16	25
160101 public office	0	0	0		0		1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1
1601 public office	0	0	0		0		1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1
16 public office	0	0	0		0		1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1
170101 dispatch service	0	0	1	1	0	2	1	0	0	0	1	0	1	0	1	1	1	0	0	1	0	0
1701 dispatch service	0	0	1	1	0	2	1	0	0	0	1	0	1	0	1	1	1	0	0	1	0	0
170201 security service	1	1	1	5	0	5	2	1	2	4	5	2	7	1	4	2	4	8	2	4	3	3
170202 information processing service	0	0	0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170209 others	19	12	14	10	15	15	14	12	11	17	16	15	8	13	15	12	12	13	15	21	9	25
1702 others	20	13	15	15	15	20	17	13	13	21	21	17	15	14	19	14	16	21	17	25	12	28
17 others	20	13	16	16	15	22	18	13	13	21	22	17	16	14	20	15	17	21	17	26	12	28

02 mining	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030101 hydroelectric plant construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030102 tunnel construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030103 subway construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030104 railway construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030105 bridge construction work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030106 road construction work	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030107 river civil engineering work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030108 sand collapse prevention civil engineering work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030109 land consolidation civil engineering work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030110 water supply/sewage	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0

150103 other waste disposal service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150104 cremation service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150105 livestock process service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150109 other cleaning and livestock process service	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1501 commercial cleaning	0	2	1	0	1	0	0	2	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
15 commercial cleaning	0	2	1	0	1	0	0	2	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
160101 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1601 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 public office	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170101 dispatch service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1701 dispatch service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170201 security service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
170202 information processing service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170209 others	1	3	1	0	0	1	0	0	0	1	0	0	0	2	1	1	0	0	0	3	0	1	1
1702 others	1	3	1	0	0	1	0	0	0	1	0	0	0	2	1	1	0	0	0	4	0	1	1
17 others	1	3	1	0	0	1	0	0	0	1	0	0	0	2	1	1	0	0	0	4	0	1	1

total	30	24	22	13	9	19	20	15	12	23	14	9	8	12	8	13	9	12	7	9	3	4
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Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to <https://www.jisha.or.jp/english/statistics/2020eCMA.html>