

code no.15 metal manufacturing machine as Causal(M) agents

Fatal & non-fatal accidents caused by metal manufacturing machine as Causal(M) agents in 1999-2021

Industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total
010101 meat/dairy products	18	4	5	5	2	1	4	2	2	1	2	1	0	1	0	2	0	0	0	4	1	3	0	58
010102 fishery products	10	10	6	2	1	4	6	3	2	1	1	3	7	4	3	2	2	1	1	5	2	0	4	80
010103 agricultural food products	9	4	1	-	1	4	0	1	4	0	1	1	0	2	1	0	1	0	0	1	0	1	0	32
010104 bread/cake products	22	16	8	2	5	1	4	4	4	3	1	2	0	2	1	1	0	1	0	2	0	0	2	81
010105 alcoholic drinks	1	1	1	-	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	9
010106 soft drinks	1	1	0	1	0	-	1	0	0	0	0	2	0	1	0	0	1	1	1	1	1	0	0	12
010109 other foods	58	18	16	13	1	14	11	15	10	12	6	10	9	3	8	6	2	3	4	7	4	8	1	239
0101 food products	119	54	37	23	10	25	28	26	22	17	11	19	16	13	13	11	6	6	6	22	8	12	7	511
010201 silk-reeling	1	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
010202 cotton-spinning	5	3	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	13
010203 weaving	2	3	1	2	1	1	1	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	15
010204 dyeing	4	0	4	1	1	1	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	17
010209 other textile products	7	5	5	4	6	5	2	2	3	1	2	1	2	3	4	2	4	1	1	3	0	5	1	69
0102 textile products	19	11	10	8	8	8	5	5	3	1	2	2	2	4	4	4	4	2	1	4	0	6	2	115
010301 over/under wear	7	5	3	2	1	3	2	1	1	0	0	1	0	0	1	0	0	2	1	1	0	2	1	34
010309 other fiber products	14	3	2	7	6	4	1	4	5	2	1	4	5	3	2	0	3	3	2	2	2	1	3	79
0103 fiber products	21	8	5	9	7	7	3	5	6	2	1	5	5	3	3	0	3	5	3	3	2	3	4	113
010401 lumbering	13	3	5	2	1	2	3	5	2	2	1	1	6	2	2	1	1	2	1	2	4	1	0	62

010402 plywood	3	0	1	5	3	2	2	0	1	0	1	0	0	1	1	0	4	1	0	1	3	2	0	31
010409 other lumber and wood products	18	13	13	4	16	10	13	9	14	12	6	13	8	11	6	6	8	6	3	5	10	4	3	211
0104 wood products	34	16	19	11	20	14	18	14	17	14	8	14	14	14	9	7	13	9	4	8	17	7	3	304
010501 wood furniture	9	5	3	4	7	5	5	8	7	3	3	1	2	3	5	5	2	1	0	3	1	1	2	85
010502 metal furniture	15	9	5	9	11	11	12	6	3	8	3	6	11	5	4	9	6	6	6	2	4	5	1	157
010503 fittings	7	4	3	7	2	2	4	2	4	2	2	1	1	1	2	1	0	1	0	1	3	0	3	53
010509 other furniture	5	6	3	3	2	5	7	7	6	2	2	1	6	8	3	4	6	3	2	2	2	4	4	93
0105 furniture	36	24	14	23	22	23	28	23	20	15	10	9	20	17	14	19	14	11	8	8	10	10	10	388
010601 pulp/paper	7	2	4	1	1	1	2	2	3	0	0	2	2	1	0	0	0	0	1	0	2	0	3	34
010602 paper processing products	28	22	18	13	16	8	10	17	9	9	10	13	12	6	8	9	7	12	6	4	8	8	4	257
010609 other pulp/paper processing products	9	6	7	4	5	2	2	1	1	1	0	2	3	4	1	3	0	1	2	3	2	0	1	60
0106 pulp/paper processing products	44	30	29	18	22	11	14	20	13	10	10	17	17	11	9	12	7	13	9	7	12	8	8	351
010701 printing service	32	21	19	10	18	13	10	15	20	11	11	15	11	6	5	10	11	7	6	8	4	10	10	283
010702 bookbinding	7	5	2	3	5	5	8	7	5	5	6	6	3	0	2	4	4	3	3	1	1	3	2	90
010709 other printing and bookbinding	4	2	3	2	6	1	5	4	5	1	1	2	3	1	1	3	4	2	1	3	0	2	0	56
0107 printing/bookbinding	43	28	24	15	29	19	23	26	30	17	18	23	17	7	8	17	19	12	10	12	5	15	12	429
010801 non organic or organic chemical products	7	7	7	5	4	5	4	3	2	5	2	1	5	5	1	3	3	1	3	3	3	2	2	83
010802 chemical fiber	1	3	1	-	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	10

010803 pharmaceuticals	4	0	2	2	0	2	0	1	0	1	2	1	0	0	0	1	1	1	0	0	1	1	1	21
010804 petroleum/coal products	4	1	2	1	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	14
010805 plastics products	79	62	59	54	52	44	54	41	46	34	25	30	33	36	36	36	33	31	30	32	30	29	29	935
010806 rubber products	36	43	33	26	33	25	29	22	18	13	3	14	19	14	13	13	11	15	11	17	11	25	12	456
010807 leather products	11	3	4	2	3	3	2	2	0	1	3	0	2	3	2	2	3	1	0	3	2	0	0	52
010808 painting products	0	5	1	-	0	-	0	3	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	12
010809 chemical fertilizer products	1	0	1	-	0	-	1	1	2	4	3	0	1	0	1	1	0	2	0	0	1	0	1	20
010899 other chemical products	18	18	10	9	10	6	10	4	6	6	7	1	6	3	2	2	5	4	8	6	5	3	5	154
0108 chemical products	161	142	120	99	102	87	101	78	75	64	45	47	67	61	57	59	56	56	54	61	55	60	50	1,757
010901 cement products	30	18	13	19	20	17	14	14	14	11	10	6	15	16	19	7	8	11	14	6	11	11	13	317
010902 glass products	12	5	2	7	5	8	6	4	4	6	4	3	2	2	2	0	3	2	1	1	2	2	1	84
010903 pottery products	5	3	5	8	2	7	6	3	6	4	4	0	2	1	1	4	3	0	3	2	0	1	4	74
010904 fire resisting products	1	3	3	-	1	1	2	2	2	3	1	1	1	2	0	0	1	0	2	1	0	1	1	29
010905 other ceramic products	4	4	3	4	5	6	6	4	1	3	1	4	1	3	3	1	2	2	2	1	0	0	0	60
010909 other sand and stone products	26	20	16	31	21	20	21	9	13	13	13	13	9	10	10	8	9	6	14	10	5	9	9	315
0109 sand and stone products	78	53	42	69	54	59	55	36	40	40	33	27	30	34	35	20	26	21	36	21	18	24	28	879
011001 steel/iron/rolling products	40	47	43	33	27	46	34	37	32	35	22	21	26	30	30	26	14	23	25	20	15	16	25	667

0203 other mining	1	0	0	-	0	1	0	1	0	0	0	0	1	0	2	1	0	0	0	0	0	1	0	8
02 mining	2	2	2	5	2	5	0	3	2	3	1	0	2	2	5	2	1	1	1	1	0	1	0	43
030101 hydroelectric plant construction work	0	0	0	1	1	-	1	0	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	7
030102 tunnel construction work	1	1	0	-	0	-	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	1	0	9
030103 subway construction work	0	0	0	-	0	-	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	3
030104 railway construction work	1	3	1	1	2	1	2	1	2	1	1	2	0	0	0	5	1	0	2	2	1	2	1	32
030105 bridge construction work	3	2	4	1	7	6	2	2	4	4	2	3	4	2	5	3	3	2	3	3	1	2	1	69
030106 road construction work	21	20	15	16	14	7	12	12	10	9	9	4	8	12	6	8	14	5	7	13	7	9	12	250
030107 river civil engineering work	5	4	2	3	2	-	1	2	1	3	0	2	1	0	0	3	1	0	1	1	0	2	1	35
030108 sand collapse prevention civil engineering work	0	2	0	1	3	-	0	0	2	1	1	1	1	0	0	0	1	1	0	3	0	1	0	18
030109 land consolidation civil engineering work	6	8	11	11	6	6	9	5	7	7	7	5	3	6	4	5	7	4	2	7	2	6	6	140
030110 water supply/sewage construction work	25	24	18	24	25	14	19	10	15	10	10	15	11	13	17	13	9	13	6	7	5	5	11	319
030111 port/seaside construction work	2	1	3	3	3	-	0	0	1	1	2	0	1	3	0	2	1	1	2	2	1	1	0	30

08 commerce	123	77	91	96	96	96	70	87	76	77	75	66	56	75	56	62	48	67	71	77	63	78	73	1,756
090101 banking/trust business	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
090102 stock/commodity trade business	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
090103 insurance business	0	0	0	-	0	-	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
090109 other financial business	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0901 financial business	0	0	0	-	0	-	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
090201 traveling service	0	0	1	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
090209 other advertisement and mediator	0	1	0	2	2	1	1	0	1	1	0	0	1	0	0	1	1	0	0	0	0	1	1	14
0902 advertisement and mediator	0	1	1	2	2	1	1	0	1	1	0	0	1	0	0	1	1	0	0	0	0	1	1	15
09 financial business/advertisement	0	1	1	2	2	1	1	0	2	1	0	0	1	0	0	1	1	0	0	0	0	1	1	16
100101 movie production and delivery service	1	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
100102 movie theatre	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100109 other movie/play service	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
1001 movie/play service	1	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
10 movie/play service	1	1	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3
110101 telecommunication	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

service																									
1101 telecommunication service	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
11 telecommunication service	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
120101 auto mobile practical training	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	5	
120102 software service	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
120109 other education/research service	5	3	7	2	3	3	1	4	9	4	4	3	1	6	1	1	3	0	1	0	0	0	2	63	
1201 education/research service	5	3	7	3	3	4	1	4	9	4	5	4	1	6	1	1	3	0	1	0	0	1	2	68	
12 education/research service	5	3	7	3	3	4	1	4	9	4	5	4	1	6	1	1	3	0	1	0	0	1	2	68	
130101 hospital	1	2	2	-	1	-	2	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	13	
130102 general clinic	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
130109 other medical treatment service	1	0	1	-	0	-	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	6	
1301 medical treatment service	2	2	3	-	1	-	2	0	0	2	2	0	1	1	0	0	0	1	1	0	0	1	0	19	
130201 social welfare facility	4	1	1	2	2	3	0	1	2	3	2	1	0	1	1	2	2	3	3	1	4	2	3	44	
1302 social welfare facility	4	1	1	2	2	3	0	1	2	3	2	1	0	1	1	2	2	3	3	1	4	2	3	44	
130301 bathhouse	0	0	0	-	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	
130309 other health and hygiene service	0	1	0	-	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	
1303 other health and	0	1	0	-	0	2	0	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	6	

1702 others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
17 others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
total	17	20	15	20	16	13	9	24	15	12	7	18	7	17	19	14	5	11	5	6	5	10	11	296		

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

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