

code no.612 machine/equipment as load as Causal (S) agents

Fatal & non-fatal accidents caused by machine/equipment as load as Causal (S) 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			3		4		0	2	1	6	3	1	1	1	2	3	5	2	2	1	5	0
010102 fishery products			10		4		6	7	5	0	4	3	1	2	3	3	2	7	1	4	3	6
010103 agricultural food products			1		1		4	4	0	0	0	2	0	0	2	1	1	2	4	2	2	2
010104 bread/cake products			5		2		5	2	5	4	6	2	5	3	7	4	4	2	4	2	2	4
010105 alcoholic drinks			0		1		0	0	0	0	1	4	2	1	0	0	0	3	0	0	0	0
010106 soft drinks			1		0		1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
010109 other foods			9		9		12	7	11	7	7	10	10	9	12	5	9	4	4	7	4	10
0101 food products			29		21		28	22	23	17	21	22	19	16	26	16	21	20	15	16	16	22
010201 silk-reeling			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010202 cotton-spinning			0		0		1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
010203 weaving			0		1		1	2	0	1	0	0	0	1	0	0	0	0	0	0	1	0
010204 dyeing			2		0		0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	0
010209 other textile products			1		1		1	2	0	2	0	0	1	0	1	1	0	0	0	2	2	0
0102 textile products			3		2		3	4	1	4	0	0	2	1	1	1	0	1	2	2	3	0
010301 over/under wear			0		0		1	0	0	0	1	2	0	0	1	0	1	0	0	0	0	0

010702 bookbinding			1		0		0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1
010709 other printing and bookbinding			0		0		0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
0107 printing/bookbinding			4		3		3	3	3	4	3	3	1	2	2	1	4	2	2	3	0	2
010801 non organic or organic chemical products			1		2		1	3	4	0	4	0	1	0	0	1	2	0	0	1	0	0
010802 chemical fiber			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010803 pharmaceuticals			0		0		0	1	0	0	1	1	0	0	2	1	0	0	0	0	1	0
010804 petroleum/coal products			1		1		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
010805 plastics products			16		7		7	8	5	4	6	5	5	9	7	6	3	5	2	3	3	1
010806 rubber products			2		4		2	7	0	3	1	1	4	5	2	3	0	0	2	0	3	1
010807 leather products			0		1		0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0
010808 painting products			0		0		1	0	0	0	2	2	0	0	0	0	1	0	0	0	0	0
010809 chemical fertilizer products			0		0		0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1
010899 other chemical products			6		3		3	1	0	0	1	1	1	4	2	3	1	1	2	0	2	1
0108 chemical products			26		18		15	21	9	8	17	10	12	18	13	15	8	6	6	4	10	4
010901 cement products			2		5		4	5	6	2	1	1	1	2	1	4	4	3	1	1	0	4
010902 glass products			1		0		1	1	2	0	0	0	0	0	2	0	1	0	0	0	0	0

010903 pottery products			0	0		1	2	1	1	1	0	0	0	0	0	0	0	0	0	1	2
010904 fire resisting products			0	0		1	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0
010905 other ceramic products			0	1		1	1	0	0	0	1	0	0	1	1	0	1	1	0	0	0
010909 other sand and stone products			3	4		0	2	4	4	0	1	3	2	2	3	1	2	0	0	1	1
0109 sand and stone products			6	10		8	11	13	9	2	3	4	4	6	8	6	6	2	2	2	7
011001 steel/iron/rolling products			2	2		2	0	2	4	1	0	1	0	0	0	1	1	3	2	2	0
011002 casting products			5	3		5	5	2	0	1	1	3	2	1	1	1	4	0	1	1	2
011009 other steel products			5	2		3	3	0	2	0	1	1	1	0	0	3	0	1	1	2	1
0110 steel making			12	7		10	8	4	6	2	2	5	3	1	1	5	5	4	4	5	3
011101 nonferrous metals/rolling products			2	0		0	2	0	0	1	1	0	1	1	0	0	2	2	0	1	3
011102 nonferrous metals casting products			4	0		1	0	1	0	0	2	0	2	0	0	1	0	1	1	1	1
011109 other nonferrous metal products			5	0		0	1	0	1	2	0	1	0	0	0	0	1	1	0	1	0
0111 nonferrous metal			11	0		1	3	1	1	3	3	1	3	1	0	1	3	4	1	3	4

making																						
011201 western tableware/cutting tool products			0	1		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011202 screw products			1	0		0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0
011203 metal press products			8	4		8	5	8	0	2	6	3	3	3	1	1	3	1	5	2	3	
011204 metal plating products			2	0		1	1	0	1	2	0	2	1	0	0	0	1	1	0	1	0	
011209 other metal products			55	53		28	37	40	31	31	21	19	18	21	14	21	16	16	14	24	7	
0112 metal products			66	58		37	44	48	33	35	27	24	23	24	15	23	20	18	19	27	10	
011301 machine products			47	46		38	44	43	43	27	27	25	19	26	15	18	17	14	22	23	16	
011302 measuring instruments			2	0		0	1	2	2	3	1	0	3	0	0	0	0	0	1	1	1	
011303 optical instruments			1	1		0	1	2	3	0	1	0	2	0	1	0	1	0	0	1	0	
011304 watch products			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
011305 other precision machine products			7	2		7	2	5	5	2	2	7	7	3	0	1	4	1	1	3	4	
0113 machine products			57	49		45	48	52	53	32	31	32	31	29	16	19	22	15	24	28	21	
011401 heavy electrical equipment			1	2		1	2	5	3	2	2	0	3	0	2	1	1	1	1	1	3	
011402 electrical appliance			3	2		5	1	3	4	0	0	4	2	3	1	0	2	1	1	1	0	

02 mining			3		1		0	1	1	0	1	1	0	0	1	0	1	0	0	0	0	0
030101 hydroelectric plant construction work			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030102 tunnel construction work			0		0		1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0
030103 subway construction work			0		0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
030104 railway construction work			2		4		1	2	0	2	0	0	0	1	0	0	3	2	0	3	4	0
030105 bridge construction work			1		0		2	0	1	0	0	0	2	0	0	1	1	1	1	0	1	1
030106 road construction work			8		4		5	1	3	4	3	4	5	3	8	0	2	4	1	2	3	3
030107 river civil engineering work			1		2		2	1	0	1	1	0	0	0	1	0	1	0	0	0	3	1
030108 sand collapse prevention civil engineering work			0		0		1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0
030109 land consolidation civil engineering work			3		2		1	3	3	0	1	0	2	3	1	1	0	0	0	2	1	1
030110 water supply/sewage			9		7		4	6	2	7	5	1	2	4	4	3	2	3	0	1	0	0

030309 other construction works			18	15		23	19	17	15	21	17	18	8	19	13	11	13	6	5	16	17
0303 other construction works			70	57		60	51	62	47	57	48	48	47	44	40	35	32	33	27	33	43
03 construction			190	162		150	127	143	129	120	109	111	117	125	87	84	75	77	72	84	84
040101 railroad service			4	2		0	1	0	0	0	0	1	0	1	0	1	0	1	1	0	1
040102 water transportation service			1	0		0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0
040103 airline service			0	0		0	2	0	0	0	0	0	1	0	0	0	1	1	0	0	1
0401 railroad/water transportation/airline service			5	2		0	3	0	1	0	0	1	1	1	0	1	1	3	2	0	2
040201 taxi service			1	1		2	2	4	1	4	3	1	3	1	2	0	2	1	0	0	4
040202 bus service			1	2		0	2	1	2	7	1	3	0	3	1	1	1	1	2	0	1
040209 other passenger transport service			0	0		0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
0402 road passenger transport service			2	3		2	4	5	3	11	4	4	4	5	3	1	3	2	2	0	5
040301 general truck transportation service			114	98		87	119	110	123	97	101	82	81	91	75	71	74	69	64	68	68
040302 specific truck transportation service			6	4		6	2	4	3	2	6	4	7	3	9	7	1	3	1	3	3

transportation service																						
0502 port cargo transportation service			6		1		0	1	1	1	6	2	1	2	2	1	1	2	0	1	1	1
05 cargo handling service			8		8		9	10	11	11	11	9	6	12	9	8	8	5	6	6	7	6
060101 agriculture			0		0		2	2	0	0	1	3	1	1	3	5	1	2	4	1	3	2
0601 agriculture			0		0		2	2	0	0	1	3	1	1	3	5	1	2	4	1	3	2
060201 lumbering			0		1		1	0	1	0	0	1	1	1	0	0	0	1	1	0	0	0
060209 other forestry			1		0		0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0
0602 forestry			1		1		1	0	1	1	0	2	1	1	0	0	0	1	1	0	1	0
06 agriculture			1		1		3	2	1	1	1	5	2	2	3	5	1	3	5	1	4	2
070101 livestock			3		2		0	2	1	1	1	1	1	1	3	1	1	1	1	1	0	0
0701 livestock			3		2		0	2	1	1	1	1	1	1	3	1	1	1	1	1	0	0
070201 fishery			1		2		0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0
070209 other fishery			2		5		0	0	0	0	0	0	0	2	1	0	1	1	1	0	1	2
0702 fishery			3		7		0	0	0	0	1	0	0	3	2	0	1	1	1	0	1	2
07 livestock/fishery			6		9		0	2	1	1	2	1	1	4	3	3	2	2	2	1	1	2
080101 all kinds of wholesale			2		1		0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0
080102 furniture/fittings wholesale			1		0		0	0	0	2	0	1	0	1	0	0	1	0	1	0	1	1
080109 other wholesale			15		12		14	11	24	11	9	10	14	9	14	18	11	15	10	12	14	18

hygiene service																						
1303 other health and hygiene service			0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 health and hygiene service			11	10	6	7	17	11	11	13	13	8	9	8	9	11	5	8	15	9		
140101 hotel			2	5	7	3	9	4	4	2	3	5	5	2	1	5	2	2	2	2	4	
1401 hotel			2	5	7	3	9	4	4	2	3	5	5	2	1	5	2	2	2	2	4	
140201 general restaurant			9	5	4	7	2	2	5	9	3	7	5	4	6	6	3	3	4	6		
140209 other restaurants			1	0	1	2	1	0	1	0	0	0	0	2	3	0	0	1	1	1		
1402 restaurant			10	5	5	9	3	2	6	9	3	7	5	6	9	6	3	4	5	7		
140301 golf course			1	3	2	2	2	1	2	1	2	3	2	2	1	1	1	2	0	0		
140302 park and amusement park			1	2	1	0	0	1	0	0	0	1	0	0	0	0	0	1	0	1		
140309 other amusement service			10	4	11	18	15	18	16	10	9	13	5	5	10	15	9	10	11	9		
1403 other amusement service			12	9	14	20	17	20	18	11	11	17	7	7	11	16	10	13	11	10		
14 amusement service			24	19	26	32	29	26	28	22	17	29	17	15	21	27	15	19	18	21		
150101 building maintenance service			13	9	12	15	11	10	10	11	12	7	2	9	7	8	12	10	11	9		
150102 industrial waste management service			5	7	6	7	6	8	11	10	7	9	9	4	9	6	6	6	3	6		

150103 other waste disposal service			3	5	6	7	0	5	3	3	7	1	5	2	3	3	5	3	1	2
150104 cremation service			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	1	0	0	0	0	1	0	0	1	0	0	0	0
150109 other cleaning and livestock process service			4	4	6	5	7	6	2	6	5	3	4	3	3	2	2	1	7	5
1501 commercial cleaning			25	25	30	34	24	30	26	30	31	20	21	18	22	20	25	20	22	22
15 commercial cleaning			25	25	30	34	24	30	26	30	31	20	21	18	22	20	25	20	22	22
160101 public office			0	0	1	1	0	0	3	0	0	1	0	0	0	0	0	1	0	0
1601 public office			0	0	1	1	0	0	3	0	0	1	0	0	0	0	0	1	0	0
16 public office			0	0	1	1	0	0	3	0	0	1	0	0	0	0	0	1	0	0
170101 dispatch service			0	5	0	0	0	3	1	1	2	1	2	1	1	1	0	0	4	2
1701 dispatch service			0	5	0	0	0	3	1	1	2	1	2	1	1	1	0	0	4	2
170201 security service			5	3	2	2	4	3	5	1	1	2	3	4	2	5	7	2	1	3
170202 information processing service			0	1	0	0	2	0	0	1	0	1	2	1	1	0	0	2	1	0
170209 others			34	34	42	21	19	21	17	33	20	46	26	18	21	21	20	23	26	19
1702 others			39	38	44	23	25	24	22	35	21	49	31	23	24	26	27	27	28	22
17 others			39	43	44	23	25	27	23	36	23	50	33	24	25	27	27	27	32	24

030309 other construction works	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0303 other construction works	0	3	1	0	0	1	2	2	4	0	0	1	1	2	2	0	0	0	0	2	1	1	1
03 construction	1	3	1	0	0	1	3	3	4	0	0	1	2	3	2	0	2	1	1	2	1	3	3
040101 railroad service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040102 water transportation service	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0401 railroad/water transportation/airline service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040201 taxi service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040202 bus service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040209 other passenger transport service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0402 road passenger transport service	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
040301 general truck transportation service	3	1	1	0	2	1	1	0	1	0	2	2	0	0	0	0	3	0	0	0	0	0	1
040302 specific truck transportation service	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0

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

total	5	6	4	0	5	8	8	6	8	3	4	4	5	4	3	3	6	1	3	3	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/2020eCSA.html>