

code no.163 roll machine (except printingroll machine) as Causal (S) agents

Fatal & non-fatal accidents caused by roll machine (except printingroll machine) 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			0		0		2	0	0	2	2	5	5	0	2	1	5	1	3	1	5	0
010102 fishery products			5		4		8	5	4	3	13	7	6	9	4	3	3	3	6	5	6	7
010103 agricultural food products			1		3		0	2	0	3	4	5	0	2	2	1	3	0	5	2	1	2
010104 bread/cake products			20		25		27	22	22	19	16	25	14	24	16	24	16	14	20	23	14	20
010105 alcoholic drinks			1		0		0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0
010106 soft drinks			1		1		2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1
010109 other foods			35		35		35	32	41	39	28	37	34	33	32	46	23	25	40	35	26	31
0101 food products			63		68		74	63	67	66	63	79	60	68	57	75	50	43	75	66	52	61
010201 silk-reeling			2		0		0	1	0	0	0	0	2	2	0	0	1	1	0	1	0	1
010202 cotton-spinning			5		3		3	1	4	5	1	2	1	3	5	1	2	1	2	3	1	1
010203 weaving			7		4		6	6	4	4	4	3	5	2	4	4	3	5	0	2	2	3
010204 dyeing			20		20		15	11	7	6	8	15	5	11	17	8	9	7	11	11	7	3
010209 other textile products			18		13		10	14	9	17	11	10	12	8	6	17	12	10	15	15	7	9
0102 textile products			52		40		34	33	24	32	24	30	25	26	32	30	27	24	28	32	17	17
010301 over/under wear			1		0		0	0	1	0	1	0	2	0	1	0	0	0	0	0	0	1

010702 bookbinding			1		0		1	0	1	0	2	1	2	1	2	2	0	1	1	0	2	0
010709 other printing and bookbinding			2		1		5	1	2	3	3	3	2	1	1	5	3	2	1	1	0	3
0107 printing/bookbinding			14		8		16	11	14	13	17	15	15	10	11	11	8	10	13	11	7	8
010801 non organic or organic chemical products			8		5		5	3	7	4	9	6	1	6	5	4	2	2	1	2	4	2
010802 chemical fiber			9		4		0	4	8	3	5	2	3	2	6	3	3	3	3	1	3	6
010803 pharmaceuticals			1		3		1	2	4	0	2	0	2	3	4	1	1	0	3	1	2	0
010804 petroleum/coal products			1		1		1	1	1	0	1	2	0	1	1	0	1	0	1	0	0	1
010805 plastics products			58		46		37	37	42	52	41	43	43	34	46	34	36	27	36	36	36	35
010806 rubber products			38		28		19	31	17	28	20	25	24	28	20	21	10	15	21	14	33	15
010807 leather products			7		8		4	3	4	4	2	7	2	3	2	4	6	4	3	3	2	0
010808 painting products			2		3		1	3	0	0	1	2	1	0	1	1	2	2	0	2	1	1
010809 chemical fertilizer products			1		1		2	1	0	0	2	1	1	1	1	1	0	2	1	0	1	0
010899 other chemical products			14		15		17	11	9	8	8	5	14	11	6	6	11	10	2	3	6	11
0108 chemical products			139		114		87	96	92	99	91	93	91	89	92	75	72	65	71	62	88	71
010901 cement products			4		0		2	4	1	2	0	1	1	0	2	0	1	1	1	1	3	1
010902 glass products			0		4		1	3	5	5	1	3	2	1	4	2	1	3	1	0	0	0

010903 pottery products			2		1		1	0	1	0	0	2	1	3	0	0	0	0	0	0	2	0
010904 fire resisting products			0		1		1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
010905 other ceramic products			1		0		0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	1
010909 other sand and stone products			5		0		1	7	4	2	4	3	2	2	5	2	3	1	4	3	2	5
0109 sand and stone products			12		6		6	15	13	10	5	9	6	6	11	5	5	5	6	4	7	7
011001 steel/iron/rolling products			10		9		3	6	12	7	9	4	6	5	2	4	5	6	5	4	7	4
011002 casting products			0		1		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
011009 other steel products			8		4		6	6	7	5	2	5	5	5	6	6	2	1	2	4	3	1
0110 steel making			18		14		9	12	19	13	11	9	11	10	8	10	7	7	7	8	10	5
011101 nonferrous metals/rolling products			7		7		7	4	9	5	6	1	4	1	2	4	5	3	5	2	2	6
011102 nonferrous metals casting products			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011109 other nonferrous metal products			4		4		7	7	0	6	3	7	2	6	6	1	5	3	2	2	0	1
0111 nonferrous metal			11		12		14	11	9	11	9	8	6	7	8	5	10	6	7	4	2	7

making																						
011201 western tableware/cutting tool products			2		0		2	0	1	0	1	0	0	2	1	0	0	0	1	2	1	0
011202 screw products			0		0		2	1	1	0	0	0	0	1	1	0	0	1	3	0	1	0
011203 metal press products			5		5		6	4	6	4	3	2	2	3	1	4	0	1	6	3	2	3
011204 metal plating products			0		0		1	1	2	1	1	0	3	0	0	1	2	0	0	0	0	0
011209 other metal products			64		61		45	44	38	38	47	41	33	21	43	30	41	36	24	28	22	22
0112 metal products			71		66		56	50	48	43	52	43	38	27	46	35	43	38	34	33	26	25
011301 machine products			11		13		10	12	9	5	4	5	7	13	5	6	9	7	6	9	4	6
011302 measuring instruments			0		1		0	1	0	0	0	1	0	1	0	0	0	1	0	0	1	0
011303 optical instruments			0		0		1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	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			1		0		2	0	0	2	1	0	1	0	1	0	1	0	2	0	1	2
0113 machine products			12		14		13	14	9	7	5	6	8	14	6	6	10	8	8	9	6	8
011401 heavy electrical equipment			0		1		1	0	0	1	1	0	0	0	0	0	0	0	2	0	1	0
011402 electrical appliance			0		2		0	1	1	2	0	2	1	2	1	0	0	1	2	0	1	1

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040303 cargo/ light automobile transportation service			0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0
040309 other land cargo transportation service			0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
0403 road cargo transportation service			1	3	0	3	8	3	4	1	1	1	1	1	2	0	1	1	0	1	2
040409 other transportation service			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0404 other transportation service			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04 transportation service			1	3	0	4	8	3	4	1	1	1	1	1	2	0	1	1	0	1	2
050101 land cargo handling service			1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1
0501 land cargo handling service			1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	1
050201 general harbor transportation service			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
050202 port cargo handling service			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
050209 other harbor			0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

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hygiene service																						
1303 other health and hygiene service			0		0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13 health and hygiene service			1		0		1	1	1	2	0	3	0	0	2	0	1	2	2	1	2	0
140101 hotel			0		0		1	0	0	2	0	0	1	0	0	0	3	0	2	0	0	2
1401 hotel			0		0		1	0	0	2	0	0	1	0	0	0	3	0	2	0	0	2
140201 general restaurant			11		6		8	7	10	6	5	9	12	10	13	14	7	7	6	9	10	9
140209 other restaurants			0		0		0	0	0	2	0	0	0	0	1	0	1	1	0	0	3	0
1402 restaurant			11		6		8	7	10	8	5	9	12	10	14	14	8	8	6	9	13	9
140301 golf course			0		0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
140302 park and amusement park			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
140309 other amusement service			0		0		1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
1403 other amusement service			0		0		1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0
14 amusement service			11		6		10	7	11	10	5	9	13	11	14	15	11	9	8	9	13	11
150101 building maintenance service			0		1		0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
150102 industrial waste management service			0		1		1	0	0	1	1	0	3	2	0	1	2	0	0	1	0	0

total			646		602		566	532	529	509	446	479	416	439	440	424	385	348	417	365	358	354
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Fatal accidents caused by roll machine (except printingroll machine) as Causal (S) agents in 1999-2020

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010903 pottery products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0
010905 other ceramic products	0	0	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0109 sand and stone products	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
011001 steel/iron/rolling products	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	2	0	0	0	0	0
011002 casting products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011009 other steel products	1	0	0	0	1	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
0110 steel making	1	0	0	0	2	2	0	0	1	0	0	1	0	2	0	1	2	0	0	0	0	0
011101 nonferrous metals/rolling products	1	1	2	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
011102 nonferrous metals casting products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
011109 other nonferrous metal products	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0111 nonferrous metal	1	1	3	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0

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total	6	9	5	2	5	5	3	2	3	9	2	3	2	6	1	4	3	2	3	0	0	3
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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>