

code no.211 crane as Causal (S) agents

Fatal & non-fatal accidents caused by crane as Causal (S) 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					1		1			1	1	1		2					2	1	2			12	
010102 fishery products			3								4			1	1	2		2			1	1			15
010103 agricultural food products			2		3		5	3	2	1	1	1	3	1	1	3		1		5	3	2	4	41	
010104 bread/cake products			1										1	1		1		1			1			6	
010105 alcoholic drinks																	1		1					2	
010106 soft drinks																						1		1	
010109 other foods			2		5		6	5	2	4	4	2	6	1	2	4		3	3	3	1	4	5	62	
0101 food products			8		9		12	8	4	6	10	4	10	6	4	10	1	7	6	9	8	8	9	139	
010201 silk-reeling																		1						1	
010202 cotton-spinning																				1				1	
010203 weaving					1		1						1					1	1			1		6	
010204 dyeing			1		1		2			1			1		1	1		3	1	1	1			14	
010209 other textile products			1		2		1		1	2	1		1	3		1		2		1	2	1	3	22	
0102 textile products			2		4		4		1	3	1		3	3	1	2		7	2	3	3	2	3	44	
010301 over/under wear			1											2				1						4	
010309 other fiber products			2						1									2	1					6	
0103 fiber products			3						1					2				3	1					10	





0109 sand and stone products			78	60	49	60	55	52	33	38	34	40	32	34	28	30	25	22	48	33	38	789
011001 steel/iron/rolling products			29	31	19	21	22	8	13	15	21	18	12	16	11	15	9	27	10	9	16	322
011002 casting products			42	38	55	47	41	41	23	24	34	36	28	25	23	27	24	30	24	22	28	612
011009 other steel products			21	23	27	20	23	22	23	18	20	16	9	20	15	11	10	12	18	10	9	327
0110 steel making			92	92	101	88	86	71	59	57	75	70	49	61	49	53	43	69	52	41	53	1,261
011101 nonferrous metals/rolling products			9	4	3	6	8	11	5	2	3	3	4	3	6	5	7	4	5	1	6	95
011102 nonferrous metals casting products			7	3	7	4	3	1	7	9	5	5	3	6	5	3	5	5	4	5	1	88
011109 other nonferrous metal products			2	5	5	3	4	4	1	4	7	7	4	2	1	6	4	5	3	1	1	69
0111 nonferrous metal making			18	12	15	13	15	16	13	15	15	15	11	11	12	14	16	14	12	7	8	252
011201 western tableware/cutting tool products			2	1	2		2	4	1			1	1	2			1			1	1	19
011202 screw products			1	8	3	5	2	1	2	3	5	4	1	5	1	3	2	1		1	5	53
011203 metal press products			7	14	12	12	14	10	8	9	4	9	7	7	6	8	11	7	12	7	11	175
011204 metal plating products			9	12	9	6	4	16	8	9	13	9	10	11	9	5	7	7	15	8	11	178
011209 other metal products			443	392	400	353	369	368	283	275	279	257	243	254	264	261	276	276	263	238	250	5,744

0112 metal products			462		427		426	376	391	399	302	296	301	280	262	279	280	277	297	291	290	255	278	6,169
011301 machine products			107		98		109	114	105	104	63	84	63	82	69	88	68	75	65	76	84	60	57	1,571
011302 measuring instruments			2		1		1	1	2	3			2		1									13
011303 optical instruments			1																		1			2
011304 watch products																								
011305 other precision machine products			8		10		6	7	10	7	6	5	4	4	6	3	7	2	4	3	3	2	7	104
0113 machine products			118		109		116	122	117	114	69	89	69	86	76	91	75	77	69	79	88	62	64	1,690
011401 heavy electrical equipment			4		5		4	3	3	11	1		1	2	4		6	1	2	2	2		5	56
011402 electrical appliance			2				3	4	3	1	3		1		1		1	2		2	1	1	1	26
011403 electronics equipment and telecommunications apparatus			3		2		1	6	3	4	1		2	3				2	4	2	2	1	3	39
011409 other electrical equipment			9		8		4	7	4	6	3	5	8	5	3	9	2	6	6	5	5	4	8	107
0114 electrical equipment products			18		15		12	20	13	22	8	5	12	10	8	9	9	11	12	11	10	6	17	228
011501 ship building			56		46		46	54	63	63	46	42	34	40	24	26	23	18	26	23	26	28	15	699
011502 auto mobile products			18		21		25	34	28	28	20	23	18	22	15	18	19	13	17	15	10	10	21	375
011503 railway vehicle			1		2		1	3		3	3	1	1	1	4	1			4	1	1		1	28



020201 quarrying			2		2		1	3	2	1		1	1	2	1				2	1	3	4		26
020202 gravel digging					1					2			1			2	1	2	1					10
020209 other quarrying								1																1
0202 quarrying			2		3		1	4	2	3		1	2	2	1	2	1	2	3	1	3	4		37
020301 metal mining												1												1
020302 petroleum mining																								
020309 other mining													1										1	2
0203 other mining												1	1										1	3
02 mining			3		3		1	4	2	3		2	3	2	1	2	1	2	3	1	3	4	1	41
030101 hydroelectric plant construction work													1				1					1		4
030102 tunnel construction work			1		2		2	2	1		1	1			1		1	1	2			1	3	19
030103 subway construction work			1																					1
030104 railway construction work					2				2	1	1	1			2						2		2	13
030105 bridge construction work			2		5		4	1	6		3	1	1	1	5	1		2		4		5		41
030106 road construction work			3		3		5	5	3	7	5	2	3	2	2	4	4		6		4	5	4	67
030107 river civil engineering work			3		1		1	2		2	3	1	1	2		1	1			1	2		1	22





electricity/telecommunication work			7		3		1	1	2	2	3	2	1		3	5	1	1	1	3	6	2	2	46
030302 machinery/apparatus setting work			15		10		10	18	12	15	15	6	6	8	12	6	9	4	8	10	10	3	11	188
030309 other construction works			10		11		15	18	13	16	10	7	15	18	11	11	10	10	14	14	16	4	15	238
0303 other construction works			32		24		26	37	27	33	28	15	22	26	26	22	20	15	23	27	32	9	28	472
03 construction			151		148		130	137	140	110	95	74	99	88	93	86	77	68	87	76	93	91	86	1,929
040101 railroad service									1	2			1		1		1	1	2		1			10
040102 water transportation service														1								3	1	5
040103 airline service																								
0401 railroad/water transportation/airline service									1	2			1		1	1		1	1	2		4	1	15
040201 taxi service									1											1				2
040202 bus service														1	1					1				3
040209 other passenger transport service																					1			1
0402 road passenger transport service									1					1	1					2	1			6
040301 general truck transportation service			115		130		101	115	102	95	61	77	60	74	70	66	50	70	68	65	70	62	58	1,509

040302 specific truck transportation service			4		2		8	3	3	4		2	2	3		2	7	2		2	1		7	52
040303 cargo/ light automobile transportation service							2		1		1						1				1			6
040309 other land cargo transportation service			5		4		7	5	2	2	2	1	2	1	2	2	2	1	2		3	1	3	47
0403 road cargo transportation service			124		136		118	123	108	101	64	80	64	78	72	70	60	73	70	67	75	63	68	1,614
040409 other transportation service					4			1		1					2									8
0404 other transportation service					4			1		1					2									8
04 transportation service			124		140		118	124	110	104	64	80	65	78	76	72	60	74	71	71	76	67	69	1,643
050101 land cargo handling service			8		10		11	6	6	15	5	3	3	9	2	7	9	3	6	7	9	4	6	129
0501 land cargo handling service			8		10		11	6	6	15	5	3	3	9	2	7	9	3	6	7	9	4	6	129
050201 general harbor transportation service			1		2		4	1	2	5	3	2	5	6	3	4	2		3		1	2	4	50
050202 port cargo handling service			19		16		8	17	16	14	9	11	8	10	7	13	7	11	7	3	8	8	7	199
050209 other harbor transportation service			1				2		1	1			1	2				1					1	10

0502 port cargo transportation service			21		18		14	18	19	20	12	13	14	18	10	17	9	12	10	3	9	10	12	259
05 cargo handling service			29		28		25	24	25	35	17	16	17	27	12	24	18	15	16	10	18	14	18	388
060101 agriculture						3			1	2		1		1	1	2	1				3		15	
0601 agriculture						3			1	2		1		1	1	2	1				3		15	
060201 lumbering			1		1		1			1		1				1						1	7	
060209 other forestry							1	1											1				3	
0602 forestry			1		1		1	1	1	1		1				1			1			1	10	
06 agriculture			1		1		4	1	1	2	2	1	1		1	1	3	1		1		3	1	25
070101 livestock							1		1	2		1						1					6	
0701 livestock							1		1	2		1						1					6	
070201 fishery			1		1			1	1	1	1		1	1			1					2	11	
070209 other fishery			2		2		2		1	2		1								1	1	1	13	
0702 fishery			3		3		2		2	3	1	2		1	1		1			1	3	1	24	
07 livestock/fishery			3		3		2	1	2	4	3	2	1	1	1		1	1		1	3	1	30	
080101 all kinds of wholesale			3		4		1	2	1	1		1		1	1			2	4	1	1	1	24	
080102 furniture/fittings wholesale			1																1				2	
080109 other wholesale			23		27		18	20	20	15	11	16	20	20	16	18	13	15	15	29	14	17	15	342
0801 wholesale			27		31		19	22	21	16	11	17	20	21	17	18	13	17	19	31	15	18	15	368
080201 all kinds of retail			1		2				1		2	1		2		1		2					12	
080202 auto mobile retail					1										2								3	



090209 other advertisement and mediator				1											2		1					4
0902 advertisement and mediator				1											2		1					4
09 financial business/advertisement				1		1					1				2		1		1			7
100101 movie production and delivery service																						
100102 movie theatre																						
100109 other movie/play service						1																1
1001 movie/play service						1																1
10 movie/play service						1																1
110101 telecommunication service							2				1	1		1					1			6
1101 telecommunication service							2				1	1		1					1			6
11 telecommunication service							2				1	1		1					1			6
120101 auto mobile practical training																						
120102 software service																						
120109 other education/research service											1		1	1			2				1	6





































