

code no.362 human power hauling equipment as Causal (S) agents

Fatal & non-fatal accidents caused by human power hauling equipment 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			46		41		36	38	37	51	52	43	44	43	49	47	51	46	43	52	49	60	49	877
010102 fishery products			49		62		59	43	57	40	38	37	47	33	38	44	50	39	29	49	32	35	35	816
010103 agricultural food products			12		9		4	10	18	16	10	14	11	14	13	9	16	12	11	12	16	13	12	232
010104 bread/cake products			46		41		40	51	47	49	48	50	60	52	57	55	64	81	52	55	74	72	57	1,051
010105 alcoholic drinks			3		2		3		2	2		1		1	1	1		1	1	1	2	1	1	23
010106 soft drinks			2		1		1	4	2	4	2					2	2		1	2	2	1	7	33
010109 other foods			158		170		213	224	221	242	206	223	236	240	227	239	250	274	273	270	252	255	252	4,425
0101 food products			316		326		356	370	384	404	356	368	398	383	385	397	433	453	410	441	427	437	413	7,457
010201 silk-reeling							1					1												2
010202 cotton-spinning			1				2	3	1	1	2	1		2	2	2	3		1	1	2		1	25
010203 weaving			1		2		3	2	3	3	1	2	1	1	3	2	1	1	5					31
010204 dyeing			9		12		10	6		3	3	4	2	7	4	5	6	3	6	5	6	5		96
010209 other textile products			12		9		3	8	4	4	2	8	9	4	4	7	4	4	4	4	7	6	3	106
0102 textile products			23		23		19	19	8	11	8	16	12	14	13	16	14	8	16	10	15	11	4	260
010301 over/under wear			4		2		2		1		3	5	1	4	3	4	2	8	1	4	1	4	4	53
010309 other fiber products			3		6		3	4	4	3	3	2	1	4	4	3	5	7	1	3	5	2	3	66
0103 fiber products			7		8		5	4	5	3	6	7	2	8	7	7	7	15	2	7	6	6	7	119
010401 lumbering			7		9		12	2	5	7	4	5	2	3	3	3	2	3	2	1	2	1	1	74

products					2		1	2	5	3	2	1	3	1	5	3	1	1	1	3	1	3	4	42
011002 casting products			7		3		3	8	6	3	2	5	6	4	6	3	5		2	5	6	2	6	82
011009 other steel products			1		2		2	2	1		1		1	3	1	3	1	2	1	1	1	3	3	29
0110 steel making			8		7		6	12	12	6	5	6	10	8	12	9	7	3	4	9	8	8	13	153
011101 nonferrous metals/rolling products			2		1		3	1	1	1		2	1	2				1		1			3	19
011102 nonferrous metals casting products			2		4		3	1	4	2	1	3	1	3	3	2	3	3		3	2	1	2	43
011109 other nonferrous metal products			5		4		2	1	3	6	2	1	2	5	3	2		3	2	2	2	2	2	49
0111 nonferrous metal making			9		9		8	3	8	9	3	6	4	10	6	4	3	7	2	6	4	3	7	111
011201 western tableware/cutting tool products							2	1	1			2					1	1		1	1			10
011202 screw products			1		2		1		3				2		2	1	1	2	1	2	2	1	1	22
011203 metal press products			10		13		10	12	16	13	7	14	9	15	7	8	9	10	15	8	10	4	11	201
011204 metal plating products			2		3		8	8	9	8	4	6	2	1	5	9	6	3	4	4	6	6	5	99
011209 other metal products			67		57		58	74	65	52	43	49	46	45	41	45	37	45	52	53	47	49	49	974
0112 metal products			80		75		79	95	94	73	54	71	59	61	55	63	54	61	72	68	66	60	66	1,306
011301 machine products			31		34		40	35	36	35	18	26	36	27	24	43	34	31	25	32	29	26	35	597
011302 measuring			2		3			1		2		2	1	3	1		3	1	1	4	2	1		27

instruments																								
011303 optical instruments			1	2	5	1	2	1				2			2		4	2	1		2	25		
011304 watch products										1					1							2		
011305 other precision machine products			3	4	4	4	6	6	9	2	6	4	2	3	6	4	4	4	4	1	6	82		
0113 machine products			37	43	49	41	44	44	27	31	43	36	27	46	46	36	34	42	36	28	43	733		
011401 heavy electrical equipment			1	3	1	1	2	4	5	5	3	1	1	2	2	4		2	1	3	2	43		
011402 electrical appliance			5	5	10	4	3	7	4	3	8	2	8	5	2	6	6	4	7	6	4	99		
011403 electronics equipment and telecommunications apparatus			12	14	10	9	14	16	7	8	10	10	10	16	7	14	17	9	19	16	18	236		
011409 other electrical equipment			18	19	19	13	16	20	11	18	16	11	14	22	13	11	19	16	22	26	20	324		
0114 electrical equipment products			36	41	40	27	35	47	27	34	37	24	33	45	24	35	42	31	49	51	44	702		
011501 ship building			5	4	4	4	2	3	1	4	1	3	4	2	2	2	1	1	2		3	48		
011502 auto mobile products			26	55	72	69	72	86	36	25	51	46	37	37	31	50	49	58	52	38	40	930		
011503 railway vehicle products							2		1	1			3	3				2				12		
011509 other transport equipment products			6	7	10	11	10	9	6	6	3	6	10	4	6	7	14	4	5	4	6	134		
0115 transport equipment			37	66	86	84	86	98	44	36	55	55	54	46	39	59	64	63	61	42	49	1,124		

020302 petroleum mining																								
020309 other mining																								
0203 other mining						1																	1	
02 mining						2													2				4	
030101 hydroelectric plant construction work			1				1	1															3	
030102 tunnel construction work					1		1		2	1										1		1	7	
030103 subway construction work							1							1									2	
030104 railway construction work			2		2		1		3	2		1		3	1			4	2	6			27	
030105 bridge construction work			1				1				1	2	1		1					1			8	
030106 road construction work			5		4		3	1	2	1	2	2	3	2	1	2	1	2	2	1	1	2	3	40
030107 river civil engineering work					1							1		1			1		1			1	7	
030108 sand collapse prevention civil engineering work																								
030109 land consolidation civil engineering work			4		1		2	2		3		2	1	1	1	1				2	1	1	22	
030110 water supply/sewage			4		6		5	3		2	1		4	2	2	3			1	2		1	3	39

construction work																								
030111 port/seaside construction work				1							1												2	
030199 other civil engineering work			16	12		12	13	12	10	10	10	11	6	9	11	7	7	4	8	8	8	7	181	
0301 civil engineering work			33	28		25	21	17	20	15	16	23	13	17	19	9	9	12	15	19	12	15	338	
030201 steel frame/reinforced concrete house construction work			19	20		16	20	25	28	14	10	17	16	22	28	14	13	7	17	18	5	6	315	
030202 wooden house construction work			7	9		4	9	7	6	4	4	6	3	2	7	4	3	1	4	4	2	1	87	
030203 building facility construction work			6	2		2	4	4	4	5	5	8	2	2	2	5	6		2	3	1	5	68	
030209 other building construction work			11	11		15	15	14	24	10	12	14	18	9	25	17	11	10	13	9	12	13	263	
0302 construction work			43	42		37	48	50	62	33	31	45	39	35	62	40	33	18	36	34	20	25	733	
030301 electricity/telecommunication work			2	2		1	2	4	2	2	3	3	4	1	2	2	1	5	4	5	4	3	52	
030302 machinery/apparatus setting work			7	6		2	6	2	6	4	3	5	7	5	3	2	6	3	9	4	8	3	91	
030309 other construction works			6	6		8	7	9	8	8	5	7	9	6	11	9	12	12	8	8	10	3	152	
0303 other construction			15	14		11	15	15	16	14	11	15	20	12	16	13	19	20	21	17	22	9	295	

works																								
03 construction			91		84		73	84	82	98	62	58	83	72	64	97	62	61	50	72	70	54	49	1,366
040101 railroad service			2		4		4	5	3	2	5	2	1	6	6	4	2	4	3	2	1	4	5	65
040102 water transportation service							1				1		2	1		2	2		1		1	3		14
040103 airline service			1		6		13	7	9	7	1	3	4	2	3	8	5	5	4	12	4	3	2	99
0401 railroad/water transportation/airline service			3		10		18	12	12	9	7	5	7	9	9	14	9	9	8	14	6	10	7	178
040201 taxi service			2		5		8	13	8	11	15	14	17	11	6	21	8	9	14	13	11	12	17	215
040202 bus service			1		1		8	10	9	7	11	10	15	13	29	20	29	28	17	26	21	24	17	296
040209 other passenger transport service					3		1		2		2	2	1	1	1				2	4	1			20
0402 road passenger transport service			3		9		17	23	19	18	28	26	33	25	36	41	37	37	31	41	36	37	34	531
040301 general truck transportation service			443		471		480	552	657	723	565	655	613	676	695	710	693	839	824	879	824	836	771	12,906
040302 specific truck transportation service			14		24		14	18	15	23	11	19	19	8	12	13	13	18	16	12	10	10	9	278
040303 cargo/ light automobile transportation service			2		5		4	3	7	5	5	2	4	5	6	6	5	4	5	5	4	4	4	85
040309 other land cargo transportation service			6		14		15	21	15	19	12	16	9	16	10	9	13	20	11	17	18	5	13	259
0403 road cargo			465		514		513	594	694	770	593	692	645	705	723	738	724	881	856	913	856	855	797	13,528

transportation service																								
040409 other transportation service			1	2			1	2	2	4	3		2	7		1	2	3			1	31		
0404 other transportation service			1	2			1	2	2	4	3		2	7		1	2	3			1	31		
04 transportation service			472	535		548	630	725	799	630	727	688	739	770	800	770	928	897	971	898	902	839	14,268	
050101 land cargo handling service			45	39		49	68	65	90	81	81	73	88	85	100	109	105	156	153	134	171	157	1,849	
0501 land cargo handling service			45	39		49	68	65	90	81	81	73	88	85	100	109	105	156	153	134	171	157	1,849	
050201 general harbor transportation service				4				1	2	2				1				1	1				12	
050202 port cargo handling service			1	1		2	3	1	2	1	3	1	2		1				1	2	2		23	
050209 other harbor transportation service										2							1				1		4	
0502 port cargo transportation service			1	5		2	3	2	4	5	3	1	2		2		1		2	3	3		39	
05 cargo handling service			46	44		51	71	67	94	86	84	74	90	85	102	109	106	156	155	137	174	157	1,888	
060101 agriculture			15	7		10	8	15	17	6	16	18	13	19	11	14	14	16	19	17	31	29	295	
0601 agriculture			15	7		10	8	15	17	6	16	18	13	19	11	14	14	16	19	17	31	29	295	
060201 lumbering										1							1					2	4	
060209 other forestry											3	1											4	
0602 forestry										1	3	1					1					2	8	

06 agriculture			15		7		10	8	15	17	7	19	19	13	19	11	14	15	16	19	17	31	31	303
070101 livestock			26		15		12	18	24	25	17	16	17	18	19	11	17	21	20	18	11	19	13	337
0701 livestock			26		15		12	18	24	25	17	16	17	18	19	11	17	21	20	18	11	19	13	337
070201 fishery			1		2			1					1					1	1					7
070209 other fishery													1							1			1	3
0702 fishery			1		2			1					2					1	1	1			1	10
07 livestock/fishery			27		17		12	19	24	25	17	16	19	18	19	11	17	22	21	19	11	19	14	347
080101 all kinds of wholesale			19		12		7	14	15	10	6	4	7	6	5	5	10	11	8	7	5	7	4	162
080102 furniture/fittings wholesale			2					1		1	2		1	4	1			2	2	2		1	2	21
080109 other wholesale			76		59		61	68	76	90	79	82	100	82	84	86	75	93	118	107	126	112	102	1,676
0801 wholesale			97		71		68	83	91	101	87	86	108	92	90	91	85	106	128	116	131	120	108	1,859
080201 all kinds of retail			285		301		335	327	333	254	282	289	303	275	262	242	249	227	208	240	221	227	203	5,063
080202 auto mobile retail			2				2	2	1	1		2		1	2	3	2	2	3	2	1	3	1	30
080203 furniture/fittings retail			3		3			3	2	10	8	4	2	1	5	8	12	9	11	10	5	9	7	112
080204 fuel retail			9		6		4	4	4	3	2	1	5	4	5	7	6	2	2	4	3	7	3	81
080205 newspaper retail			108		108		110	127	103	99	120	95	117	95	106	86	83	89	85	79	86	79	50	1,825
080209 other retails			144		151		224	279	254	323	358	346	374	424	443	431	500	550	588	695	679	718	717	8,198
0802 retail			551		569		675	742	697	690	770	737	801	800	823	777	852	879	897	1,030	995	1,043	981	15,309
080301 haircut			1						1	1		1		1		1	1				1			8
080302 beauty salon			2		3			2	2	2		2	3	6	1	3	5	5	3	1	1	1	5	47
0803 haircut/beauty salon			3		3			2	3	3		3	3	7	1	4	6	5	3	1	2	1	5	55

080401 warehousing			9		23		26	20	23	25	23	27	32	39	41	37	51	40	62	61	46	64	76	725
080409 other commerce			14		14		29	22	23	27	16	22	23	23	33	33	23	34	23	43	39	34	29	504
0804 other commerce			23		37		55	42	46	52	39	49	55	62	74	70	74	74	85	104	85	98	105	1,229
08 commerce			674		680		798	869	837	846	896	875	967	961	988	942	1,017	1,064	1,113	1,251	1,213	1,262	1,199	18,452
090101 banking/trust business			9		13		15	8	10	7	8	12	18	9	6	7	5	13	7	9	4	9	6	175
090102 stock/commodity trade business					1								2	1			1	2		2	1			10
090103 insurance business			50		45		44	66	39	52	54	41	46	50	38	37	41	45	53	39	40	34	39	853
090109 other financial business			1		1		1	1	2	2		2	3		1			2	2	3	1		1	23
0901 financial business			60		60		60	75	51	61	62	55	69	60	45	44	47	62	62	53	46	43	46	1,061
090201 traveling service			1		2		1				4									1				9
090209 other advertisement and mediator			5		1		7	5	4	11	2	4	8	6	6	2	6	8	6	6	6	4	5	102
0902 advertisement and mediator			6		3		8	5	4	11	6	4	8	6	6	2	6	8	6	7	6	4	5	111
09 financial business/advertisement			66		63		68	80	55	72	68	59	77	66	51	46	53	70	68	60	52	47	51	1,172
100101 movie production and delivery service					1					1		1	2	1			1	2	3		1	1	1	15
100102 movie theatre									1							1								2
100109 other movie/play service					2		3		3	2	3	1	1	4		2	2	2	1	1	4	1	1	33

1001 movie/play service					3		3		4	3	3	2	3	5		3	3	4	4	1	5	2	2	50
10 movie/play service					3		3		4	3	3	2	3	5		3	3	4	4	1	5	2	2	50
110101 telecommunication service			5		10		92	114	85	121	94	121	117	141	97	130	111	132	154	119	71	90	85	1,889
1101 telecommunication service			5		10		92	114	85	121	94	121	117	141	97	130	111	132	154	119	71	90	85	1,889
11 telecommunication service			5		10		92	114	85	121	94	121	117	141	97	130	111	132	154	119	71	90	85	1,889
120101 auto mobile practical training			1				1		1							1			1	1				6
120102 software service					3					1		1			1	1	1	1	2	1	2	1		15
120109 other education/research service			15		7		10	12	17	19	10	11	6	20	18	27	12	23	26	19	23	21	22	318
1201 education/research service			16		10		11	12	18	20	10	12	6	20	19	29	13	24	29	21	25	22	22	339
12 education/research service			16		10		11	12	18	20	10	12	6	20	19	29	13	24	29	21	25	22	22	339
130101 hospital			61		71		65	80	89	86	80	104	76	94	78	93	106	113	123	141	114	131	115	1,820
130102 general clinic			1		6		3	8	1	3	4	5	3	2	4	7	4	11	12	4	7	12	10	107
130109 other medical treatment service			5		8		9	9	6	10	14	7	14	22	13	12	11	17	11	11	21	20	15	235
1301 medical treatment service			67		85		77	97	96	99	98	116	93	118	95	112	121	141	146	156	142	163	140	2,162
130201 social welfare facility			55		109		140	145	161	148	195	209	226	260	263	289	297	365	320	357	438	453	492	4,922
1302 social welfare facility			55		109		140	145	161	148	195	209	226	260	263	289	297	365	320	357	438	453	492	4,922
130301 bathhouse			2		1		2	2		1	2	2		1	4	1	1	2		1	2	5		29

130309 other health and hygiene service			7		5		10	11	7	9	7	7	3	8	14	6	4	9	5	4	6	7	10	139
1303 other health and hygiene service			9		6		12	13	7	10	9	9	3	9	18	7	5	11	5	5	8	12	10	168
13 health and hygiene service			131		200		229	255	264	257	302	334	322	387	376	408	423	517	471	518	588	628	642	7,252
140101 hotel			32		35		32	37	32	34	29	32	35	24	26	26	38	35	50	38	37	19	17	608
1401 hotel			32		35		32	37	32	34	29	32	35	24	26	26	38	35	50	38	37	19	17	608
140201 general restaurant			28		32		36	43	39	33	45	50	52	74	58	52	48	62	53	67	63	79	84	998
140209 other restaurants			4		5		10	8	11	13	16	7	14	9	14	16	10	12	12	17	17	9	11	215
1402 restaurant			32		37		46	51	50	46	61	57	66	83	72	68	58	74	65	84	80	88	95	1,213
140301 golf course			3		11		2	11	5	7	8	3	6	6	8	6	11	5	7	7	8	8	3	125
140302 park and amusement park			11		8		6	3	4	6	5	4	7	8	6	2	7	7	7	6	15	4	2	118
140309 other amusement service			18		13		9	9	12	14	19	17	8	16	13	11	21	11	14	17	10	6	11	249
1403 other amusement service			32		32		17	23	21	27	32	24	21	30	27	19	39	23	28	30	33	18	16	492
14 amusement service			96		104		95	111	103	107	122	113	122	137	125	113	135	132	143	152	150	125	128	2,313
150101 building maintenance service			59		59		66	63	81	87	93	76	73	78	87	94	85	77	97	88	105	100	76	1,544
150102 industrial waste management service			4		6		7	9	1	11	10	9	7	9	10	6	9	9	8	11	11	7	21	165
150103 other waste disposal service			2		8		10	3	9	15	8	7	9	12	8	5	10	6	2	9	3	10	5	141

010901 cement products																							
010902 glass products								1															1
010903 pottery products																							
010904 fire resisting products																							
010905 other ceramic products																							
010909 other sand and stone products																							
0109 sand and stone products								1															1
011001 steel/iron/rolling products																							
011002 casting products																							
011009 other steel products																							
0110 steel making																							
011101 nonferrous metals/rolling products																							
011102 nonferrous metals casting products						1																	1
011109 other nonferrous metal products																							
0111 nonferrous metal making						1																	1
011201 western tableware/cutting tool products																							
011202 screw products																							
011203 metal press products																			1				1
011204 metal plating products																							
011209 other metal products						1									1								2

150104 cremation service	1																							1
150105 livestock process service																								
150109 other cleaning and livestock process service																								
1501 commercial cleaning	1					1		1																3
15 commercial cleaning	1					1		1																3
160101 public office																								
1601 public office																								
16 public office																								
170101 dispatch service																								
1701 dispatch service																								
170201 security service																						1		1
170202 information processing service																								
170209 others			1	1							1	2					1		2					8
1702 others			1	1							1	2					1		2			1		9
17 others			1	1							1	2					1		2			1		9
total	3	4	4	6	2	5	8	7	4	4	4	8	1	4	2	2	5	1	5	5	6	3		93

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

Return to <https://www.jisha.or.jp/english/statistics/2021eCSA.html>

