Relation between small causal agents and type of Fatal accidents in code no. 11301 machine products as small industry in 1999-2020

Cluti	on between small car										11	12		14	15	16	17	18	19	90	99	00
code		£011	falling	crash	struck by	collapse				injury to the	contact to high/low- temperature	contact to	electric shock	explosion		fire	traffic accident	traffic	reaction to motion/improper			
111	engine																					0
121	power transmission mechanism																					0
131	circular sawing machine								1													1
132	band sawing machine																					0
133	wood planer machine																					0
134	hollow chisel mortiser, wood borer																					0
135	chamfering machine, router, woodworking milling machine																					0
136	chain saw																					0
139	other woodworking machines							1														1
141	leveling, transporting or loading machine																					0
142	excavating machine																					0
143	foundation work machine				1																	1
144	hardening machine																					0
145	demolition machine																					0
146	vehicle for high lift work	2																				2
149	other construction machines																					0
	lathe				3		6	15														24
	drill press, milling machine				2		1	14														17
153	grinding machine, buffing machine							1											_			1
	power press							1														1
155	forging pressure																					0

	hammer																
156	shearing machine																0
159	other metal manufacturing machines				1		1	7									9
161	centrifugal machine																0
162	mixer, grinder							1									1
163	roll machine (except printingroll machine)																0
164	injection molding machine							2									2
165	food manufacturing machine																0
166	printing machine																0
167	industrial robot						1	3									4
169	other general power machines	1						12		1	1						15
171	felling machine																0
172	mobile logging machine																0
173	skyline yarding machine																0
179	other mobile silviculture machine																0
		2			2	2	5	5									16
	mobile crane	1	1		1	1	1										5
213	derrick crane																0
	elevator, lift	1			1		1										3
	cargo lifting appliance																0
	gondola																0
	lumberyard equipment, logging cableway																0
218	simple skyline yarding equipment																0
219	other powered crane				1			4									5
	truck	1					1							9	1		12
		2			3		2	5									12
	railway equipment						1										1
	conveyor							6				<u> </u>	]				6
225	loader																0

	straddle carrier								<u> </u>									0
227	rough terrain hauler																	0
29	other powered conveying machines					2	3											5
31	cars, bus, motorcycle					1										21		22
32	railway vehicle																	0
39	other vehicles																	0
11	boiler																	0
12	pressure vessel					1												1
319	other pressure vessels			1														1
	chemical facilities										ĺ							0
31	gas welding equipment																	0
22	arc welding equipment					1				1		3						5
39	other welding equipment																	0
	kiln, caldron										ĺ		1					1
42	industrial dryer										ĺ		1					1
49	other kiln, caldron	1																1
51	transmission											1						1
352	electric power facilities									1		2						3
59	other electrical equipment											1						1
861	human power cranes			2														2
62	human power hauling equipment				2													2
63	human power machine			1														1
	hand tool																	0
		6																6
	slinging tool			15		1												16
	other tools		1	1										1				3
	facilities	5		1	2	2	3				1	1	3	2				20
		2																2
	timbering																	0
	stairs, landing stage	1																1
14	opening	1																1
	roof, beam, haze,														ΠĪ			

415	crossbeam, principal rafter	4																					4
416	working platform, boot board	6																					6
	passage																						0
418	building, establishment	4			2	1	1																8
419	other temporary buildings, establishments					3																	3
511	explosive substance														1								1
512	inflammable substance														1		2						3
	inflammable gas																						0
	harmful substance												5										5
515	radiation																						0
519	other hazards, harmful substances																						0
521	metal material	1	1	1	5	6	2	1															17
522	lumber, bamboo																						0
523	stone, sand, substance				1																		1
529	other materials	1			1																		2
611	load				2	3																	5
612	machine/equipment as load					1	2																3
711	natural ground, rock																						0
712	standing tree																						0
713	water										1												1
714	abnormal environment												2										2
715	high/cold temperature environment											2											2
719	other environments																						0
911	other causal agent																				2		2
921	no causal agent																				13		13
999	unclassifiable																						0
000	total	42	3	1	47	21	33	84	1	0	1	5	8	9	7	3	2	30	1	0	15	0	313

Data of 2011 year do not include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: <a href="https://anzeninfo.mhlw.go.jp/anzen\_pg/SIB\_FND.aspx">https://anzeninfo.mhlw.go.jp/anzen\_pg/SIB\_FND.aspx</a> (MHLW, Japan)

Return to <a href="https://www.jisha.or.jp/english/statistics/2020efretcs.html">https://www.jisha.or.jp/english/statistics/2020efretcs.html</a>