Relation between small causal agents and type of Fatal accidents in code no. 11503 railway vehicle products as small industry in 1999-2020

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

	hammer												
	shearing machine												0
159	other metal manufacturing machines					1							1
161	centrifugal machine												0
162	mixer, grinder												0
163	roll machine (except printingroll machine)												0
164	injection molding machine												0
	food manufacturing machine												0
	printing machine												0
	industrial robot												0
	other general power machines			1									1
171	felling machine												0
172	mobile logging machine												0
173	skyline yarding machine												0
179	other mobile silviculture machine												0
211	crane					1							1
212	mobile crane												0
213	derrick crane												0
214	elevator, lift												0
215	cargo lifting appliance												0
216	gondola												0
	lumberyard equipment, logging cableway												0
218	simple skyline yarding equipment												0
219	other powered crane												0
	truck												0
		1											1
						1							1
224	conveyor												0
225	loader												0

226	straddle carrier												0
227	rough terrain hauler												0
229	other powered conveying machines												0
31	cars, bus, motorcycle												0
	railway vehicle	1											1
	other vehicles												0
	boiler												0
12	pressure vessel												0
19	other pressure vessels												0
21	chemical facilities												0
31	gas welding equipment												0
22	arc welding equipment												0
20	other welding equipment												0
	kiln, caldron			i		П							0
42	industrial dryer			Ì						i			0
	other kiln, caldron			Ï		П				i			0
51	transmission			Ï	ĺ	П				i			0
52	electric power facilities												0
59	other electrical equipment												0
261	human power cranes												0
62	human power hauling equipment												0
62	human power machine												0
64	hand tool												0
	ladder												0
72	slinging tool												0
79	other tools												0
91	other equipments, facilities				1								1
	scaffolding												0
	timbering												0
13	stairs, landing stage												0
14	opening												0
	roof, beam, haze,												

	crossbeam, principal rafter	1																					1
	working platform, boot board	1																					1
	passage																						0
418	building, establishment																						0
419	other temporary buildings, establishments																						0
511	explosive substance																						0
512	inflammable substance																						0
	inflammable gas																						0
	harmful substance																						0
515	radiation																						0
519	other hazards, harmful substances																						0
521	metal material				1																		1
522	lumber, bamboo																						0
523	stone, sand, substance																						0
529	other materials																						0
611	load																						0
612	machine/equipment as load																						0
711	natural ground, rock																						0
712	standing tree																						0
713	water																						0
714	abnormal environment																						0
715	high/cold temperature environment																						0
719	other environments																						0
911	other causal agent																						0
921	no causal agent																						0
999	unclassifiable																			_			0
000	total	4	0	0	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11

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

Data sources: https://anzeninfo.mhlw.go.jp/anzen_pg/SIB_FND.aspx (MHLW, Japan)

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