Relation between small causal agents and type of Fatal accidents in code no. 10904 fire resisting products as small industry in 1999-2020

Ciati	on between small car							_		 11	12		14	15	16	17	18	19	90	99	00
	small causal agents	fall	falling	crash	struck by	collapse		cut	injury to the	contact to high/low- temperature	contact to	electric shock	explosion		fire	traffic accident	traffic	reaction to motion/improper			
111	engine													<u> </u>	Щ						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																				0
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																				0
155	forging pressure																				0

	hammer														
	shearing machine														0
159	other metal manufacturing machines														0
161	centrifugal machine														0
162	mixer, grinder														0
163	roll machine (except printingroll machine)														0
164	injection molding machine														0
	food manufacturing machine														0
166	printing machine														0
167	industrial robot														0
169	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														0
212	mobile crane														0
213	derrick crane											_			0
214	elevator, lift											_			0
215	cargo lifting appliance														0
216	gondola		$\sqsubseteq$		<u> </u>							_			0
217	lumberyard equipment, logging cableway														0
218	simple skyline yarding equipment														0
219	other powered crane														0
															0
222	forklift			1											1
															0
224	conveyor		Щ			1	Щ				<u>                                     </u>				1
225	loader														0

226	straddle carrier												0
227	rough terrain hauler												0
229	other powered conveying machines				1								1
31	cars, bus, motorcycle		1								1		2
	railway vehicle												0
	other vehicles												0
311	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								1				1
42	industrial dryer									İ			0
49	other kiln, caldron												0
51	transmission												0
352	electric power facilities												0
59	other electrical equipment												0
61	human power cranes												0
62	human power hauling equipment												0
63	human power machine												0
64	hand tool												0
71	ladder												0
72	slinging tool												0
79	other tools												0
91	other equipments, facilities			1									1
	scaffolding												0
	timbering												0
	stairs, landing stage												0
	opening												0
	roof, beam, haze,					$\Box$							

	crossbeam, principal rafter																						0
	working platform, boot board																						0
417	passage																						0
418	building, establishment																						0
	other temporary buildings, establishments	1																					1
511	explosive substance																						0
512	inflammable substance																						0
513	inflammable gas																						0
514	harmful substance																						0
515	radiation																						0
519	other hazards, harmful substances																						0
521	metal material																						0
522	lumber, bamboo																						0
523	stone, sand, substance																						o
529	other materials																						0
611	load				1																		1
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							ĺ	i														0
	other causal agent		ĺ																				0
	no causal agent		ĺ					İ	i												1		1
999	unclassifiable		ĺ																				0
000	total	1	0	1	1	2	0	3	0	0	0	0	0	0	1	0	0	1	0	0	1	0	11

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)

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