Relation between small causal agents and type of Fatal accidents in code no.	40102 water transportation service a	as small industry in 1999-2020

	on between small ca															15	16	17	18	19	90	99	00
code	small causal agents	ran C	falling to same level	crash	struck by flying or falling object	collapse	crashed by	caught in/between	cut	injury to the sole of the foot	drown	contact to high/low- temperature	contact to harmful substance	electric shock	explosion	burst	fire	(muhlio		reaction to motion/improper motion	others	unclassifiable	total
	engine																						0
121	power transmission mechanism							1															1
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
	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
	vehicle for high lift work																						0
149	other construction machines																						0
	lathe																						0
152	drill press, milling machine																						0
153	grinding machine, buffing machine																						0
154	power press																						0
	forging pressure																						0

	hammer												
156	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
165	food manufacturing machine												0
166	printing machine												0
	industrial robot												0
169	other general power machines												0
171	felling machine												0
	mobile logging machine												0
	skyline yarding machine												0
179	other mobile silviculture machine												0
211	crane												0
212	mobile crane	1			1								2
213	derrick crane												0
	elevator, lift												0
215	cargo lifting appliance												0
216	gondola												0
217	lumberyard equipment, logging cableway												0
218	simple skyline yarding equipment												0
219	other powered crane												0
221	truck												0
	forklift												0
	railway equipment												0
	conveyor				1								1
225	loader												0

226	straddle carrier														0
227	rough terrain hauler														0
229	other powered conveying machines							1							1
251	cars, bus, motorcycle	1													1
	railway vehicle														0
	other vehicles	1	1			2		6							10
	boiler														0
312	pressure vessel														0
319	other pressure vessels														0
321	chemical facilities														0
331	gas welding equipment														0
	arc welding equipment														0
339	other welding equipment														0
341	kiln, caldron											Ī			0
342	industrial dryer											Ī			0
349	other kiln, caldron														0
351	transmission														0
352	electric power facilities														0
359	other electrical equipment														0
361	human power cranes														0
362	human power hauling equipment														0
363	human power machine														0
364	hand tool														0
	ladder														0
372	slinging tool														0
379	other tools							1							1
	other equipments, facilities														0
	scaffolding														0
	timbering														0
	stairs, landing stage						\square					Ē			0
	opening						\square					Ē			0
	roof, beam, haze,						\square					Ē			

415	crossbeam, principal rafter																						0
416	working platform, boot board																						0
	passage		1																				1
418	building, establishment										1												1
419	other temporary buildings, establishments										2												2
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																						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										2												2
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	2	3	0	0	0	0	5	0	0	13	0	0	0	0	0	0	0	0	0	0	0	23

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

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