03 04 07 02 05 06 08 09 10 11 14 15 16 17 18 19 99 01 12 13 90 00 struck injury falling traffic by contact fall to the traffic contact to reaction to crash flying collapse crashed caught in/betw accident to to electric in/between cut sole drown high/lowexplosion burst fire code small causal agents from accident motion/improper others unclassifiable total same harmful shock (public temperature substance height level of the (others) motion falling road) foot object 111 engine n power transmission 121 mechanism circular sawing 131 n machine band sawing 132 0 machine wood planer 133 h machine hollow chisel 134 mortiser, wood 0 borer chamfering machine, router, 135 n woodworking milling machine 136 chain saw 0 other woodworking 139 0 machines leveling, 141 transporting or 0 loading machine excavating 142 0 machine foundation work 143 n machine hardening machine 144 0 demolition 145 0 machine vehicle for high lift 146 0 work other construction 149 n machines lathe 151 0 drill press, milling 152 0 machine grinding machine, 153 0 buffing machine power press 0 154 forging pressure 155 n

Relation between small causal agents and type of Fatal accidents in code no. 10106 soft drinks as small industry in 1999-2020

	hammer														
156	shearing machine														0
159	other metal manufacturing machines														0
161	centrifugal machine														0
162	mixer, grinder					1									1
163	roll machine (except printingroll machine)														0
164	injection molding machine														0
165	food manufacturing machine					1									1
166	printing machine														0
	industrial robot					1									1
169	other general power machines					2									2
	felling machine														0
	mobile logging machine														0
<u> </u>	skyline yarding machine														0
179	other mobile silviculture machine														0
211	crane														0
212	mobile crane														0
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
222	forklift	1		1											2
223	railway equipment														0
224	conveyor					2									2
225	loader														0

226	straddle carrier														0
227	rough terrain hauler														0
229	other powered conveying machines				2										2
231	cars, bus, motorcycle										ŀ	3			3
	railway vehicle														0
	other vehicles														0
	boiler														 0
312	pressure vessel							1							1
319	other pressure vessels														0
321	chemical facilities														0
331	gas welding equipment														0
332	arc welding equipment														0
339	other welding equipment														0
341	kiln, caldron														0
342	industrial dryer														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
	hand tool														0
	ladder														0
372	slinging tool														0
379	other tools														0
391	other equipments, facilities														0
	scaffolding														0
	timbering														0
	stairs, landing stage														0
	opening														0
	roof, beam, haze,														

	crossbeam, principal rafter																						0
416	working platform, boot board	1																					1
	passage																						0
418	building, establishment										1												1
419	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																						0
529	other materials																						0
	load					1																	1
612	machine/equipment as load																						0
711	natural ground, rock																						0
	standing tree																						0
713	water																						0
714	abnormal environment												1										1
715	high/cold temperature environment																						0
719	other environments																						0
911	other causal agent																						0
921	no causal agent																				2		2
999	unclassifiable																						0
000	total	2	0	0	1	1	0	10	0	0	1	1	2	0	0	0	0	3	0	0	2	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)