	on between small ca										11	12		14	15	16	17	18	19	90	99	00
code	small causal agents	fall from	falling to	crash	struck by	collapse		aquaht	injury to the	drown	contact to high/low- temperature	contact to	electric shock			fire	traffic accident	traffic	reaction to motion/improper			
111	engine																					0
	power transmission mechanism																					0
131	circular sawing machine																					0
132	band sawing machine																					0
133	wood planer machine																					0
	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						1	3														4
142	excavating machine		1					1														2
143	foundation work machine																					0
144	hardening machine																					0
	demolition machine							1														1
	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
	power press																					0
155	forging pressure																					0

Relation between small causal agents and type of Fatal accidents in code no. 80209 other retails 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																0
169	other general power machines	1					1	2									4
	felling machine																0
	mobile logging machine																0
<u> </u>	skyline yarding machine																0
179	other mobile silviculture machine																0
211	crane	1						1									2
212	mobile crane	1	1			1	6	1					1				11
	derrick crane																0
		3						10									13
	cargo lifting appliance																0
	gondola]			0
217	lumberyard equipment, logging cableway																0
218	simple skyline yarding equipment																0
219	other powered crane	2															2
		11				1	4	4					8				107
	forklift	3	4		1			6					2				16
	railway equipment																0
	conveyor																0
225	loader							2									2

226	straddle carrier																			0
227	rough terrain hauler																			0
229	other powered conveying machines						1													1
231	cars, bus, motorcycle			1			2	3									190	2		198
	railway vehicle																	4		 5
239	other vehicles							1		1							5			 7
	boiler																			 0
312	pressure vessel																			0
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		1														Ī				1
342	industrial dryer						1													0
349	other kiln, caldron															Ī				0
351	transmission															Ī				0
352	electric power facilities												1							1
359	other electrical equipment																			0
361	human power cranes																			0
362	human power hauling equipment	1				1											1			3
363	human power machine																			0
364	hand tool								1											1
		20	1																	21
372	slinging tool				2															2
379	other tools				1										1				1	3
391	other equipments, facilities	4			1			1		1	2	1	1			1				12
411		2																		2
412	timbering																			0
413	stairs, landing stage	14																		14
414		6																		6
	roof, beam, haze,																			

	principal rafter	11			1																		12
416	working platform, boot board	4	1																				5
417	passage		3																				3
418	building, establishment	11	1			1		2			2												17
419	other temporary buildings, establishments	1																					1
511	explosive substance														1								1
512	inflammable substance														1		7						8
513	inflammable gas														1								1
	harmful substance																						0
515	radiation																						0
519	other hazards, harmful substances												1										1
521	metal material					1										1							2
522	lumber, bamboo																						0
523	stone, sand, substance					1																	1
529	other materials	1				2										1							4
	load	1			2	6	1																10
612	machine/equipment as load					1																	1
711	natural ground, rock	2	1			2																	5
	standing tree																						0
713	water										4												4
714	abnormal environment																						0
715	high/cold temperature environment											7											7
719	other environments		1		1	1																	3
911	other causal agent																2				6		8
921	no causal agent		1																		35	1	37
999	unclassifiable		1														1					2	4
000	total	101	16	1	9	18	16	40	1	0	8	9	2	2	3	3	11	287	6	0	42	3	578

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)