

Relation between causal agents and code no. 05 collapse as type of Fatal accidents in 1999-2020

L	M	S	causal agent	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	total
		111	engine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	11		engine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		121	power transmission mechanism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	12		power transmission mechanism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		131	circular sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		132	band sawing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		133	wood planer machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		134	hollow chisel mortiser, wood borer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		135	chamfering machine, router, woodworking milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		136	chain saw	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		139	other woodworking machines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	13		woodworking machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		141	leveling, transporting or loading machine	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3
		142	excavating machine	1	1	0	1	0	0	0	1	0	0	1	1	1	1	0	0	1	0	0	0	0	1	10
		143	foundation work machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
		144	hardening machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		145	demolition machine	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
		146	vehicle for high lift work	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		149	other construction machines	1	0	0	0	0	1	0	0	0	0	2	0	1	1	0	0	0	0	0	0	0	0	6
	14		construction machine	2	1	0	1	0	1	0	1	0	0	4	1	2	3	0	2	2	0	0	0	0	1	21
		151	lathe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		152	drill press, milling machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		153	grinding machine, buffing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		154	power press	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
		155	forging pressure hammer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		156	shearing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		159	other metal manufacturing machines	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	15		metal manufacturing machine	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
		161	centrifugal machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		162	mixer, grinder	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
		163	roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
		164	injection molding machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		165	food manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		166	printing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		167	industrial robot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		169	other general power machines	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	4

		359	other electrical equipment	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
35			electric equipment	1	0	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	0	0	6
		361	human power cranes	1	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	5
		362	human power hauling equipment	1	1	1	2	0	0	1	2	2	1	3	0	1	1	0	1	1	0	0	2	20
		363	human power machine	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
		364	hand tool	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	36		human power machine, tools	2	1	2	3	0	0	1	3	2	2	3	0	2	2	0	1	1	0	0	2	27
		371	ladder	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
		372	slinging tool	2	1	2	1	2	1	1	3	1	1	2	0	1	0	0	2	2	1	3	2	29
		379	other tools	0	2	0	0	0	0	0	1	0	4	2	0	0	1	0	1	0	1	0	0	13
	37		tools	2	3	2	1	2	1	1	4	1	6	4	0	1	1	0	1	2	3	2	3	43
		391	other equipments, facilities	1	0	1	3	1	0	4	1	3	2	0	0	1	2	2	2	0	1	1	1	31
	39		other equipments, facilities	1	0	1	3	1	0	4	1	3	2	0	0	1	2	2	2	0	1	1	1	31
3			other equipment	6	4	5	13	3	2	6	9	6	11	7	1	4	5	4	5	4	6	3	6	118
		411	scaffolding	2	0	1	1	0	1	0	2	0	2	0	0	0	1	0	0	0	0	1	0	11
		412	timbering	1	1	4	1	0	1	0	0	0	1	1	1	1	5	0	1	1	0	1	0	20
		413	stairs, landing stage	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	2
		414	opening	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		415	roof, beam, haze, crossbeam, principal rafter	0	1	0	0	1	2	0	0	0	1	1	0	1	0	0	0	0	0	1	0	8
		416	working platform, boot board	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
		417	passage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		418	building, establishment	22	21	8	21	15	9	12	15	12	18	13	6	14	18	8	7	4	11	11	8	265
		419	other temporary buildings, establishments	6	4	7	2	9	3	3	5	1	1	3	6	2	2	0	2	2	0	4	1	73
	41		temporary buildings, establishments	31	27	20	25	25	16	15	23	14	23	18	13	18	25	9	10	7	11	17	11	380
4			temporary buildings, establishments	31	27	20	25	25	16	15	23	14	23	18	13	18	25	9	10	7	11	17	11	380
		511	explosive substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		512	inflammable substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		513	inflammable gas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		514	harmful substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		515	radiation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		519	other hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	51		hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		521	metal material	6	6	10	9	7	3	8	7	11	11	6	7	5	6	8	6	10	1	3	4	142
		522	lumber, bamboo	3	2	4	3	1	3	5	4	4	0	1	2	1	2	0	1	3	2	2	0	44
		523	stone, sand, substance	3	2	1	2	2	1	4	1	1	0	0	0	1	0	1	1	3	0	1	0	25
		529	other materials	3	1	4	2	0	1	1	1	1	0	2	2	0	1	1	1	3	2	2	0	30
	52		materials	15	11	19	16	10	8	18	13	17	11	9	11	6	10	9	9	17	8	7	5	241
5			substance, material	15	11	19	16	10	8	18	13	17	11	9	11	6	10	9	9	17	8	7	5	241
		611	load	11	12	13	6	10	15	8	9	18	7	5	9	9	9	6	3	7	13	5	9	195
		612	machine/equipment as load	4	4	2	0	1	3	2	2	2	0	1	3	2	1	1	0	0	1	1	2	35
	61		load	15	16	15	6	11	18	10	11	20	7	6	12	11	10	7	3	7	13	6	10	230
6			load	15	16	15	6	11	18	10	11	20	7	6	12	11	10	7	3	7	13	6	10	230
		711	natural ground, rock	48	35	38	39	34	32	17	22	19	18	12	11	13	10	20	17	11	11	10	17	456
		712	standing tree	7	7	7	7	11	6	8	10	7	6	6	11	3	5	3	8	11	3	7	6	150
		713	water	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

		714	abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		715	high/cold temperature environment	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
		719	other environments	1	5	0	0	0	1	4	4	0	4	0	4	0	1	0	2	0	1	2	0	0	29	
	71		natural environment	56	47	46	46	45	39	29	36	26	28	18	26	17	15	24	25	24	14	18	18	21	19	637
	7		environment	56	47	46	46	45	39	29	36	26	28	18	26	17	15	24	25	24	14	18	18	21	19	637
		911	other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	91		other causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		921	no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	92		no causal agent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		999	unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	99		unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9		others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	0		total	132	114	112	110	104	90	86	100	92	83	67	67	63	76	56	58	65	57	57	54	56	48	1,747

Data of 2011 year include Industrial accidents caused by Great East Japan Earthquake in 2011.

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to <https://www.jisha.or.jp/english/statistics/2020eftcs.html>