

Relation between causal agents and code no. 01 fall from height 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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		139	other woodworking machines	0	0	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	4	
	13		woodworking machine	0	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	6	
		141	leveling, transporting or loading machine	9	3	11	5	9	10	9	6	7	6	3	5	4	4	1	7	0	2	1	4	2	3	111	
		142	excavating machine	15	15	17	7	13	5	10	8	5	10	9	9	8	6	9	4	5	4	6	4	0	7	176	
		143	foundation work machine	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	
		144	hardening machine	7	5	3	4	4	1	6	4	0	3	0	4	0	1	1	0	0	4	2	1	1	2	53	
		145	demolition machine	1	2	0	1	2	1	0	0	0	1	0	0	0	0	0	2	1	4	0	0	1	0	16	
		146	vehicle for high lift work	2	4	2	3	1	0	1	5	6	2	0	1	1	1	0	2	2	2	3	1	1	1	41	
		149	other construction machines	3	0	1	4	3	1	0	2	0	2	2	0	1	2	0	0	0	0	1	1	0	0	23	
	14		construction machine	37	30	34	24	32	18	26	25	18	24	14	19	14	14	11	15	8	16	14	11	5	13	422	
		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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		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	0	0	0	0	0	1	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	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	15		metal manufacturing machine	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
		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	3	1	1	2	1	0	1	0	1	2	0	0	0	1	1	1	0	0	0	0	0	1	16	
		163	roll machine (except printingroll machine)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		164	injection molding machine	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		165	food manufacturing machine	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
		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	2	2	4	2	1	4	4	2	2	2	4	0	3	3	0	8	2	1	1	5	1	3	56	

		359	other electrical equipment	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2			
	35		electric equipment	3	1	1	1	0	1	0	1	2	2	0	2	1	1	3	2	0	1	0	25			
		361	human power cranes	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
		362	human power hauling equipment	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	5			
		363	human power machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		364	hand tool	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
	36		human power machine, tools	1	2	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	7			
		371	ladder	40	39	43	36	42	42	30	38	40	26	30	44	27	27	35	27	26	20	33	29	22	17	713
		372	slinging tool	0	0	1	0	0	2	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	6
		379	other tools	3	6	7	1	8	5	6	5	2	3	2	4	3	0	2	4	3	2	1	1	3	0	71
	37		tools	43	45	51	37	50	49	36	43	42	29	33	48	31	28	37	31	29	22	34	30	25	17	790
		391	other equipments, facilities	0	5	3	6	4	6	5	4	2	3	4	6	2	3	5	7	4	2	1	3	4	2	81
	39		other equipments, facilities	0	5	3	6	4	6	5	4	2	3	4	6	2	3	5	7	4	2	1	3	4	2	81
3			other equipment	48	53	56	46	54	60	42	49	47	36	38	57	35	33	46	39	34	27	37	34	31	20	922
		411	scaffolding	75	55	54	52	52	49	43	28	36	34	26	48	28	25	35	34	27	17	31	24	23	19	815
		412	timbering	0	1	1	2	0	2	0	0	0	0	0	1	2	1	0	0	0	1	0	0	0	0	11
		413	stairs, landing stage	14	10	9	10	11	9	9	13	17	11	17	17	10	11	10	10	5	10	15	18	14	8	258
		414	opening	12	20	21	21	13	29	17	20	16	18	18	10	14	20	10	7	18	8	10	19	9	6	336
		415	roof, beam, haze, crossbeam, principal rafter	93	74	84	77	67	78	56	59	57	54	36	39	52	52	57	36	46	47	42	48	37	27	1,218
		416	working platform, boot board	24	20	16	15	20	15	9	13	16	13	14	11	12	9	8	13	6	7	6	10	8	7	272
		417	passage	5	4	4	1	3	2	3	8	7	1	3	4	2	4	2	4	3	2	0	5	2	2	71
		418	building, establishment	67	72	62	53	66	45	41	52	53	48	32	35	33	33	22	28	27	37	30	23	16	23	898
		419	other temporary buildings, establishments	7	13	12	11	12	13	6	10	12	5	7	9	4	7	4	6	6	4	10	2	2	6	168
	41		temporary buildings, establishments	297	269	263	242	244	242	184	203	214	184	153	174	157	162	148	138	138	132	145	149	111	98	4,047
4			temporary buildings, establishments	297	269	263	242	244	242	184	203	214	184	153	174	157	162	148	138	138	132	145	149	111	98	4,047
		511	explosive substance	0	0	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	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	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	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	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	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	0	0
		521	metal material	1	2	0	2	1	1	1	0	0	1	1	2	1	0	1	0	0	1	0	0	1	1	17
		522	lumber, bamboo	0	3	1	2	0	2	1	1	0	1	0	0	1	0	2	0	0	0	0	0	0	0	14
		523	stone, sand, substance	0	3	3	0	0	0	1	1	0	0	0	0	2	0	0	1	0	0	0	0	0	0	11
		529	other materials	0	0	0	0	0	1	0	0	0	0	2	0	0	0	3	0	0	0	0	0	0	0	6
	52		materials	1	8	4	4	1	4	3	2	0	2	3	2	4	0	6	1	0	1	0	0	1	1	48
5			substance, material	1	8	4	4	1	4	3	2	0	2	3	2	4	0	6	1	0	1	0	0	1	1	48
		611	load	3	2	10	2	0	4	1	5	1	4	5	0	2	1	1	2	1	0	1	0	4	2	51
		612	machine/equipment as load	0	1	1	0	0	2	0	0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	8
	61		load	3	3	11	2	0	6	1	5	1	5	5	0	3	2	1	2	1	0	1	1	4	2	59
6			load	3	3	11	2	0	6	1	5	1	5	5	0	3	2	1	2	1	0	1	1	4	2	59
		711	natural ground, rock	20	18	22	12	18	13	10	13	17	10	23	11	13	15	14	6	11	10	7	13	8	7	291
		712	standing tree	10	4	8	5	5	7	6	12	9	5	3	8	5	6	5	6	8	4	2	3	4	5	130
		713	water	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	3

	714	abnormal environment	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	719	other environments	4	0	2	5	3	0	2	2	0	1	1	7	0	3	1	1	1	2	0	2	2	39	
71		natural environment	34	22	32	22	26	20	19	27	26	15	28	20	25	21	22	13	20	15	11	17	14	14	463
7		environment	34	22	32	22	26	20	19	27	26	15	28	20	25	21	22	13	20	15	11	17	14	14	463
	911	other causal agent	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
91		other causal agent	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
	921	no causal agent	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	4	
92		no causal agent	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	4	
	999	unclassifiable	0	1	0	0	0	1	2	0	0	0	1	1	1	0	0	0	3	0	0	1	1	0	12
99		unclassifiable	0	1	0	0	0	1	2	0	0	0	1	1	1	0	0	0	3	0	0	1	1	0	12
9		others	3	1	1	1	0	1	3	0	0	0	1	1	2	0	0	0	3	0	0	1	2	0	20
0		total	492	453	461	411	413	415	339	353	361	311	289	311	284	271	266	263	248	232	258	256	216	191	7,094

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>