Relation between causal agents and code no. 99 unclassifiable as type of Fatal accidents in 1999-2021

LM	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	2021	total
	111 engine																								
11	lengine																								
	121 power transmission mechanism																								
12	mechanism																								
	131 circular sawing machine																								
	132 band sawing machine																								
	133 wood planer machine																								
	hollow chisel mortiser, wood borer																								
	135chamfering machine, router, woodworking milling machine																								
	136 chain saw																								
	139 other woodworking machines																								
13	Woodworking machine																								
	141 leveling, transporting or loading machine																								
	142 excavating machine																								
	143foundation work machine																								
	144 hardening machine																								
	145 demolition machine																								
	146 vehicle for high lift work																								

	149 other construction machines										
14	construction machine										
	151 lathe										
	drill press, milling machine										
	153grinding machine, buffing machine										
	154 power press										
	155 forging pressure hammer										
	156 shearing machine										
	159other metal manufacturing machines										
15	metal manufacturing machine										
	161centrifugal machine										
	162 mixer, grinder										
	163 roll machine (except printingroll machine)										
	164 injection molding machine										
	165 food manufacturing machine										
	166 printing machine										
	167 industrial robot										
	169 other general power machines										
16	general machine										
	171 felling machine										
	172 mobile logging machine										
$\Box \Box$	173 skyline yarding										

		machine												
	179	other mobile silviculture machine												
17	mob mac	bile silviculture bine												
1 m	achin	e												
	211	crane											1	1
	212	mobile crane												
	213	derrick crane												
		elevator, lift												
	215	cargo lifting appliance												
		gondola												
	217	lumberyard equipment, logging cableway												
	218	simple skyline yarding equipment												
	219	other powered crane												
21	cran	ie											1	1
	221	truck					1							1
	222	forklift												
	223	railway equipment												
	224	conveyor												
	225	loader												
		straddle carrier												
	227	rough terrain hauler												
	229	other powered conveying machines												
22		veying machine					1							1
	231	cars, bus, motorcycle												

	232 railway vehicle													
	239 other vehicles													
23	³ vehicle													
2 cra	ane, conveying machine						1						1	2
	311 boiler													
	312 pressure vessel													
	319 other pressure vessels													
31	pressure vessel													
	321 chemical facilities													
32	chemical facilities													
	331 gas welding equipment													
	332 arc welding equipment													
	339 other welding equipment													
33	Welding equipment													
	341 kiln, caldron													
	342 industrial dryer													
	349 other kiln, caldron													
34	kiln, caldron													
	351 transmission													
	352 electric power facilities													
	359 other electrical equipment													
35	electric equipment			<u> </u>										
	361 human power cranes		 											
	362 human power hauling equipment		 											
	363 human power machine													
	364 hand tool		1											1
	human power machine,													

36	5 tools	ľ		ľ	1													1
	371 ladder			; 														
	372 slinging tool		ī	i			i T		i T									
	379 other tools		ī	i			i Ti											
37	7 tools			i														
	391 other equipments, facilities																	
39	other equipments, facilities																	
3 oth	her equipment				1													1
	411 scaffolding									1								1
	412 timbering																	
	413 stairs, landing stage																	
	414 opening																	
	415 roof, beam, haze, crossbeam, principal rafter																	
	416 working platform, boot board																	
	417 passage																	
	418 building, establishment													1				1
	419 other temporary buildings, establishments					1					1							2
	establishments					1				1	1			1				4
4 ten	mporary buildings, tablishments					1				1	1			1				4
	511 explosive substance			 L														
	512 inflammable substance																	
	513 inflammable gas																	
	514 harmful substance																	
	515 radiation	!					ر	'	<u> </u>	'								

	519 other hazards, harmful substances																							
5	1 hazards, harmful substances																							
	521 metal material																							
	522 lumber, bamboo																							
	523 stone, sand, substance																							
	529 other materials																							
5	2 materials																							
5 s	ubstance, material			1																				
	611 load																							
	612 machine/equipment as load																							
	j1 load																							
61																								
	711 natural ground, rock																							
\Box	712 standing tree																							
\Box	713 water													1							1			2
	714 abnormal environment																							
	715 high/cold temperature environment																							
\Box	719 other environments													1										1
[]7	1 natural environment													2							1			3
7 e	nvironment													2							1			3
ΠΓ	911 other causal agent																1							1
<u> </u>	1 other causal agent																1							1
	921 no causal agent					1	i —			i <u> </u>		1				3		1	1	1		1		7
[]9	2 no causal agent						i — —			1		1				3		1	1	1		1		7
ΠΓ	999 unclassifiable	5	2	3	5	5	4	8	3	4	7	7	2	5	5	4	3	7	1	3	2	1	4	90
٦þ	9 unclassifiable	5	2	3	5	5	4	8	3	4	7	7	2	5	5	4	3	7	1	3	2	1	4	90
$\equiv \equiv$	thers	5	2	3	5	5	4	8	3	4	7	8	2		5	7	4	7	2	4	2	2	4	98
	-																							

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

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

Return to https://www.jisha.or.jp/english/statistics/2021eftcs.html