Fatal and non-fatal accidents in other movie/play service in Japan in 1999-2021

other movie/play service industry Code No.100109

Type of accidents in other movie/play service in 1999-2021

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents
fall from height	11	10	5	10	9	6	9	23	8	11	6	16	7	13	12	14	11	13	10	19	16	10	17	266	fall from height
falling to same level	7	7	6	8	5	10	2	12	9	13	15	4	6	13	4	4	5	11	3	10	6	13	12	185	falling to same level
crash	7	8		8	4	3	3	5	3	2	5	8	2	5	2	4	7	5	8	8	6	7	7	117	crash
struck by flying or falling object	3	1	2	4	1	2	5	4	3	1	5		4	6	4	2	4		2	1	4	2	2	62	struck by flying or falling object
collapse	2	2	4	1	5	1	3	3	1	2	1	2	2	1	1	4	2	1	3	2	1	1	3	48	collapse
crashed by	2	2	2		1	1	2		3	4	2		2	4		1	6	2	1	1	3	2	3	44	crashed by
caught in/between	3	4	3	4	4	3	5		2	8	2	5	2	4	3	4	6	4			6	1	2	75	caught in/between
cut	2	4	3	1	4	4	2	2	4	3	3			4	1	2	3	2	3	4	2	3	1	57	cut
injury to the sole of the foot			1																					1	injury to the sole of the foot
drown													1											1	drown
contact to high/low- temperature			1	1	1					1	1			1	1				1	1			1	10	contact to high/low- temperature

contact to harmful substance														1										1	contact to harmful substance
electric shock																									electric shock
explosion												2												2	explosion
burst																							1	1	burst
fire																									fire
traffic accident (public road)	7	2	3	4	7	5		1		3	1	2	5		3	4	2	3	1	2		1	1	57	traffic accident (public road)
traffic accident (others)				1																				1	traffic accident (others)
reaction to motion/improper motion	7	5	11	13	9	9	9	3	5	5	8	10	13	6	8	12	15	8	8	8	13	7	10	202	reaction to motion/improper motion
others	1			1			1		1	1		1	1	1		2	2					2	15	29	others
unclassifiable		1		1									2						1					5	unclassifiable
total	52	46	41	57	50	44	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	1,164	total

Causal agents (large) of fatal and non-fatal accidents in other movie/play service in 1999-2021

Causal (L) agents	1000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	total	Causal (L)
Causai (L) agents	1333	2000	2001	2002	2003	2004	2003	2000	2007	2000	2007	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	totai	agents
machine	1	3		3	3	2	4	2	5	4	3			3	1	1	4	2	2	1		3	1	48	machine
crane, conveying																									crane,

machine	13	8	5	4	8	7	3	6	1	7	3	5	6	5	5	8	4	9	6	4	5	5	4	131	conveying
macmine																									machine
other equipment	8	10	10	13	11	9	11	6	7	11	7	9	4	14	4	17	14	9	10	13	14	7	12	230	other
other equipment				13							,		4			17	14			13	14		12		equipment
tanan aram, huildin as																									temporary
temporary buildings, establishments	18	15	8	24	15	10	7	30	15	17	24	16	12	17	13	9	11	16	10	23	18	18	24	370	buildings,
establishments																									establishments
substance, material	2	3	5	1	2	5	4	1	1	3	5	4	3	5	5	3	4		2	5	,	1	3	70	substance,
substance, material		3		ľ			4	ľ		J	5					3	4						3	/0	material
load	3	2	5	3	5	3	5	2	4	3	1	2	6	4	4	2	9	5	2		2	2	3	77	load
environment	1		2	2	1	2	3	1	2	1	1	2	5			3	2	1		1	2	5	4	41	environment
others	6	5	6	7	5	6	4	5	4	8	5	12	11	11	7	10	15	7	9	9	13	8	24	197	others
total	52	46	41	57	50	44	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	1,164	total

Causal agents (middle) of fatal and non-fatal accidents in other movie/play service in 1999-2021

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (M) agents
engine																									engine
power transmission mechanism																	1							1	power transmission mechanism
woodworking machine		3		1	1	1	2	1	3	3	2			3	1	1	3	1	1			2		29	woodworking machine

construction machine				1			1		1									1						4	construction machine
metal manufacturing																						1		1	metal manufacturing
machine																								1	machine
																									general
general machine	1			1	2	1	1	1	1	1	1								1	1			1	13	machine
																									mobile
mobile silviculture																									silviculture
machine																									machine
crane		2	1				1	3		2				1	1			1	1		1			14	crane
crane								J							<u> </u>				'					-	
conveying machine	2	1			1	5	1	2	1	1	1	1	1	2	1	4	1	3	3	2	4	1	1	39	conveying
																									machine
vehicle	11	5	4	4	7	2	1	1		4	2	4	5	2	3	4	3	5	2	2		4	3	78	vehicle
pressure vessel																							1	1	pressure vessel
chemical facilities																									chemical
chemical racings																									facilities
wolding aguinment																									welding
welding equipment																									equipment
kiln, caldron																									kiln, caldron
																									electric
electric equipment					1			1												1				3	equipment
human power machine,																									human power
tools	1	2	1	4	4	2	5	1	3	4	4	1	1	5		3	2	2	2	1	5	1	2	56	machine, tools

tools	4	4	5	3	4	6	5	3	2	6	1	5	3	5	3	9	8	7	5	10	7	2	5	112	tools
other equipments,	3	4	4	6	2	1	1	1	2	1	2	3		4	1	5	4		3	1	2	4	4	58	other equipments, facilities
temporary buildings, establishments	18	15	8	24	15	10	7	30	15	17	24	16	12	17	13	9	11	16	10	23	18	18	24	370	temporary buildings, establishments
hazards, harmful substances					1						1	2			1					1				6	hazards, harmful substances
materials	2	3	5	1	1	5	4	1	1	3	4	2	3	5	4	3	4		2	4	3	1	3	64	materials
load	3	2	5	3	5	3	5	2	4	3	1	2	6	4	4	2	9	5	2		2	2	3	77	load
natural environment	1		2	2	1	2	3	1	2	1	1	2	5			3	2	1		1	2	5	4	41	natural environment
other causal agent		1	3	2		1				4	1	2	2	2	2	3	5		1	2	3	3	13	50	other causal agent
no causal agent	5	3	3	4	5	5	4	5	3	4	3	10	9	9	5	6	10	7	8	7	10	5	11	141	no causal agent
unclassifiable	1	1		1					1		1					1								6	unclassifiable
total	52	46	41	57	50	44	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	1,164	total

Causal agents (small) of fatal and non-fatal accidents in other movie/play service in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents

engine																			engine
power transmission mechanism													1					1	power transmission mechanism
circular sawing machine				2	1	2	1	2		2	1	1	2	1	1		2	18	circular sawing machine
band sawing machine													1					1	band sawing machine
wood planer machine			1							1								2	wood planer machine
hollow chisel mortiser, wood borer																			hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																			chamfering machine, router, woodworking milling machine
chain saw						1												1	chain saw
other woodworking							2											2	other woodworking machines
leveling, transporting or loading machine																			leveling, transporting or loading machine
excavating machine						1												1	excavating machine
foundation work																			foundation work

			]	1	]								 <u> </u>	<u> </u>	1	1
hardening machine																hardening machine
demolition machine																demolition machine
vehicle for high lift work				1							1				2	vehicle for high lift work
other construction machines																other construction machines
lathe																lathe
drill press, milling machine																drill press, milling machine
grinding machine, buffing machine													1		1	grinding machine, buffing machine
power press																power press
forging pressure hammer																forging pressure hammer
shearing machine																shearing machine
other metal manufacturing machines																other metal manufacturing machines
centrifugal machine																centrifugal machine
mixer, grinder																mixer, grinder
roll machine (except printingroll machine)							1								1	roll machine (except printingroll machine)
injection molding																injection molding

machine																	machine
food manufacturing machine			2		1	1	1									5	food manufacturing machine
printing machine																	printing machine
industrial robot																	industrial robot
other general power machines				1								1	1		1	4	other general power machines
felling machine																	felling machine
mobile logging machine																	mobile logging machine
skyline yarding machine																	skyline yarding machine
other mobile																	other mobile
silviculture machine																	silviculture machine
crane				1												1	crane
mobile crane									1							1	mobile crane
derrick crane																	derrick crane
elevator, lift					2					1						3	elevator, lift
cargo lifting appliance																	cargo lifting appliance
gondola																	gondola
lumberyard																	lumberyard
equipment, logging																	equipment, logging

cableway																						cableway
simple skyline yarding equipment																						simple skyline yarding equipment
other powered crane		1			1		2								1	1		1			7	other powered crane
truck			1	1	2	1	1		1	1	1	1	3	1	2	2	2	4	1	1	26	truck
forklift											1		1			1					3	forklift
railway equipment																						railway equipment
conveyor																						conveyor
loader																						loader
straddle carrier																						straddle carrier
rough terrain hauler																						rough terrain hauler
other powered								1							1						2	other powered
conveying machines															1							conveying machines
cars, bus, motorcycle		4	7	1			4	1	3	5	2	3	4	3	5	2	2		3	3	52	cars, bus, motorcycle
railway vehicle																						railway vehicle
other vehicles					1			1	1										1		4	other vehicles
boiler																						boiler
pressure vessel																						pressure vessel
other pressure vessels																				1	1	other pressure vessels
chemical facilities																						chemical facilities

gas welding equipment																						gas welding equipment
arc welding equipment																						arc welding equipment
other welding equipment																						other welding equipment
kiln, caldron																						kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron																						other kiln, caldron
transmission			1																		1	transmission
electric power																						electric power
other electrical equipment					1												1				2	other electrical equipment
human power cranes																				1	1	human power cranes
human power hauling equipment			2	3		3	2	3	1	1	4		2	2	2	1	1	4	1	1	33	human power hauling equipment
human power machine							1	1													2	human power machine
hand tool		1	2	2	1		1				1		1			1		1			11	hand tool
ladder		2	1	4	3	2	2	1	3	3	3	2	7	4	5	4	7	3	1	3	60	ladder
slinging tool																						slinging tool
other tools		3	3	1			4		2		2	1	2	4	2	1	3	4	1	2	35	other tools

other equipment,		4	2	1	1	2	1	2	3		4	1	5	4		3	1	2	4	4	44	other equipment,
scaffolding				2	2		1	2	1			1	1			1	1	2		3	17	scaffolding
timbering																						timbering
stairs, landing stage			5	1	8	6	6	5	5	5	2	5	2	4	4	2	5	7	3	9	84	stairs, landing stage
opening			1				1				1	1					1			1	6	opening
roof, beam, haze, crossbeam, principal rafter							1				1	1	1								4	roof, beam, haze, crossbeam, principal rafter
working platform, boot board		1	3	1	5	3	1	5	2	3	4	2	2	2	3	1	1	1	2	1	43	working platform, boot board
passage		2	3		5	4	4	6	4	3	7	1	2		4	2	5	1	7	3	63	passage
building, establishment		3	1	3	2	1	2	3	1		2	1		3	2		5	4	2	4	39	building, establishment
other temporary buildings, establishments		2	2		8	1	1	3	3	1		1	1	2	3	4	5	3	4	3	47	other temporary buildings, establishments
explosive substance								1	2												3	explosive substance
inflammable substance												1					1				2	inflammable substance
inflammable gas																						inflammable gas
harmful substance																						harmful substance
radiation																						radiation
other hazards,																						other hazards,

harmful substances			1																		1	harmful substances
metal material		1		2		1	1	1		2	3	3	1	3			1			1	20	metal material
lumber, bamboo		1	1				2	1	2	1	1		2	1		2	1	1			16	lumber, bamboo
stone, sand, substance																				1	1	stone, sand, substance
other materials		3		2	1			2			1	1					2	2	1	1	16	other materials
load		4	4	3	2	4	3	1	1	4	3	3	2	7	3	2		1	2	3	52	load
machine/equipment as load		1	1	2					1	2	1	1		2	2			1			14	machine/equipment as load
natural ground,		1						1	1				2	2				1			8	natural ground,
standing tree																						standing tree
water									1	1											2	water
abnormal environment										1											1	abnormal environment
high/cold temperature environment		1					1													1	3	high/cold temperature environment
other environments			1	3	1	2				3			1		1		1	1	5	3	22	other environments
other causal agent		3					4	1	2	2	2	2	3	5		1	2	3	3	13	46	other causal agent
no causal agent		3	5	4	5	3	4	3	10	9	9	5	6	10	7	8	7	10	5	11	124	no causal agent
unclassifiable						1		1					1								3	unclassifiable
total		41	50	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	965	total

## Workers age of fatal and non-fatal accidents in other movie/play service in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	1	3			2		1	1	2					1	1	2		1	1	1	3		2	22	19 years old or less
20-29	31	22	23	28	21	20	10	19	11	16	20	20	12	22	13	22	20	17	12	21	28	12	36	456	20-29
30-39	9	12	10	23	12	9	13	20	12	18	13	13	14	13	13	11	19	10	10	11	12	14	17	308	30-39
40-49	6	7	6	3	9	6	9	4	8	13	9	11	13	12	7	9	15	9	8	12	4	7	7	194	40-49
50-59	4	1	2	2	5	4	5	4	4	5	5	5	8	7	4	5	7	8	8	8	8	9	11	129	50-59
60 years old or more	1	1		1	1	5	3	5	2	2	2	1		4	1	4	2	4	2	3	2	7	2	55	60 years old or more
total	52	46	41	57	50	44	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	1,164	total

Workers' number of workplace of fatal and non-fatal accidents in other movie/play service in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale
9 workers or less	9	8	7	16	8	14	11	12	6	8	5	8	8	10	8	15	6	5	7	11	9	11	11	213	9 workers or less
10-29	15	15	9	17	9	9	11	15	12	17	24	11	8	15	6	17	17	14	8	11	18	12	22	312	10-29
30-49	7	12	11	9	9	8	8	8	2	10	10	7	12	20	10	7	11	11	7	7	6	9	12	213	30-49
50-99	13	4	7	6	13	6	5	6	9	7	1	12	8	8	9	9	18	11	11	15	12	9	18	217	50-99
100-299	6	6	7	8	6	5	5	12	4	8	9	11	11	4	4	3	9	6	4	8	7	4	11	158	100-299
300 workers or	2	1		1	5	2	1		6	4		1		2	2	2	2	2	4	4	5	4	1	51	300 workers or
more		1																				<b>T</b>			more

total	52	46	41	57	50	44	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57		75	1,164 total	
totai	52	<del>1</del> 0	7'	37	30	177	<del>-</del>	33	الع	J4	<del> </del>		7		اعوا	ادوا	03	49	7'	50	37	77	/ 3	1,104 total	

Month of fatal and non-fatal accidents in other movie/play service in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	4	1	2	1	10	5	6	5	7	4	3	5	6	2	4	5	10	3	6	5	3	5	11	113	January
February	5	4	4	5	1	3	4	4	2	5	4	4	3		2	3	7	8	3	3	4	5	3	86	February
March	3	4	4	9	6	3	4	3	6	6	5	1	6	6	3	1	7	4		5	7	1	5	99	March
April	4	8	6	3	5	3	6	7	5	5	2	6	2	2		5	6	5	4	5	8		4	101	April
May	6	8	4	8	5	5	3	5	1	3	6	6	9	4	3	1	3	4	5	7	4	3	12	115	May
June	8	2	3	3	4	5	3	1		2	2	5	4	6	6	8	3	5	2	4	5	5	5	91	June
July	6		3	7	1	1	2	6	7	7	8	5	4	7	1	6	10	5	6	4	6	3	4	109	July
August	4	3	2	5	5	6	3	8	4	8	7	3	3	8	2	4	5	2	3	8	3	8	14	118	August
September	5	2	2	4	3	2	4	4	3	3	2	4	1	7	3	4	6	4	5	4	7	6	4	89	September
October	1	5	5	5	4	5	3	4	3	3	5	1	4	6	5	9	2	4	1	6	3	2	7	93	October
November	4	5	2	6	3	2	2	4		6	3	6	5	4	4	1	2	2	2	4	4	7	3	81	November
December	2	4	4	1	3	4	1	2	1	2	2	4		7	6	6	2	3	4	1	3	4	3	69	December
total	52	46	41	57	50	44	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	1,164	total

Prefecture of fatal and non-fatal accidents in other movie/play service in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	3	2			1				1	2		1	1	1	2					2		3	3	22	Hokkaido

Aomori															1							1	Aomori
lwate	1							1										1				3	lwate
Miyagi	2		2		1										1					1		7	Miyagi
Akita	1			1	1		1			1	1											6	Akita
Yamagata			1																			1	Yamagata
Fukushima																	2			1		3	Fukushima
Ibaraki																				1	2	3	Ibaraki
Tochigi				4	1			1		3	3									2	1	15	Tochigi
Gunma						1									1							2	Gunma
Saitama		1	1	2	1	3	2	1		1	2	2	1	1	1	2		1	3	2	1	28	Saitama
Chiba			1							2	5	2	2	3	2	2		1	1		1	22	Chiba
Tokyo	26	27	21	16	22	31	15	24	36	25	21	34	24	36	39	30	28	35	35	20	32	577	Tokyo
Kanagawa	2	2	4		3	3	2	4	4	2		6	1	2	9	5	3	2	3	3	5	65	Kanagawa
Niigata	1			6							1											8	Niigata
Toyama																							Toyama
Ishikawa	8		1																			9	Ishikawa
Fukui																							Fukui
Yamanashi							1			1										1		3	Yamanashi
Nagano	2			1			2															5	Nagano
Gifu											1											1	Gifu
Shizuoka		1			1	2	3										1	1	2	1	1	13	Shizuoka
Aichi	2	7	6	3	4	2	2	2	2	7	4		2	1		1		2	3	1	2	53	Aichi
Mie		1			1							1									6	9	Mie

				_	i	_	i	i	i			_	i	i	i	i	i	i	i	i	i	i—		i	i
Shiga										1			2									1		4	Shiga
Kyoto	1	2			5				2	2			1	3	1	4		2		2			2	27	Kyoto
Osaka	2		1		2		4	5	3	10	4	2	1	6	2	4	3	1	4	3	2	2	7	68	Osaka
Hyogo					1		1	1	1	1		1	2	2			2	1	3	3	5	2	5	31	Hyogo
Nara																						1		1	Nara
Wakayama																						1		1	Wakayama
Γottori																									Tottori
Shimane																									Shimane
Okayama											1	1												2	Okayama
Hiroshima									2	1			1				1			1	1			7	Hiroshima
Yamaguchi																									Yamaguchi
Tokushima																									Tokushima
Kagawa																		1						1	Kagawa
Ehime								1						1								1		3	Ehime
Kochi																1								1	Kochi
Fukuoka	1	1	2		5		1	1	1	1	2	2			1	1	3	3		2	1	1	4	33	Fukuoka
Saga																									Saga
Nagasaki		1			1			1						1										4	Nagasaki
Kumamoto										1												2		3	Kumamoto
Oita					1				1	1					2			1				1	1	8	Oita
Miyazaki								1		1			1									1		4	Miyazaki
Kagoshima															1									1	Kagoshima

Okinawa		1	1	1		1				1									1		2	8	Okinawa
total	52	46	41	50	41	53	39	54	49	50	47	59	39	53	63	49	41	56	57	49	75	1,063	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

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Fatal accidents in other movie/play service in Japan in 1999-2021

other movie/play service industry Code No.100109

Type of fatal accidents in other movie/play service in 1999-2021

Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents
fall from height	1				1			2								1	1							6	fall from height
falling to same level																									falling to same
laining to same level																									level
crash																				1				1	crash
struck by flying or																									struck by flying
falling object																									or falling object
collapse																									collapse
crashed by																									crashed by

caught in/between															caught in/between
cut															cut
injury to the sole of the foot															injury to the sole of the foot
drown	1													1	drown
contact to high/low- temperature															contact to high/low- temperature
contact to harmful substance															contact to harmful substance
electric shock															electric shock
explosion							1							1	explosion
burst															burst
fire															fire
traffic accident (public road)	1	1	1	1				1						5	traffic accident (public road)
traffic accident (others)															traffic accident (others)
reaction to motion/improper motion															reaction to motion/improper motion
others															others

unclassifiable																unclassifiable	
total	3	1	2	1	2		1	1		1	1		1		14	total	

Causal agents (large) of fatal accidents in other movie/play service in 1999-2021

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021		Causal (L) agents
machine																									machine
crane, conveying machine	1		1		2	1							1											6	crane, conveying machine
other equipment																1								1	other equipment
temporary buildings, establishments	1							2									1			1					temporary buildings, establishments
substance, material												1												1	substance, material
load																									load
environment																									environment
others	1																							1	others
total	3		1		2	1		2				1	1			1	1			1				14	total

Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	otal	Causal (M) agents
engine																									engine
power transmission mechanism																									power transmission mechanism
woodworking machine																									woodworking machine
construction machine																									construction machine
metal manufacturing machine																									metal manufacturir machine
general machine																									general machine
mobile silviculture machine																									mobile silviculture machine
crane																									crane
conveying machine						1																			conveying machine
vehicle	1		1		2								1											5	vehicle
pressure vessel																									pressure ves

chemical facilities															chemical
															facilities
welding equipment															welding equipment
kiln, caldron															kiln, caldron
electric equipment															electric equipment
human power machine, tools															human power
tools															tools
other equipments,									1					1	other equipments, facilities
temporary buildings, establishments	1				2					1		1		5	temporary buildings, establishments
hazards, harmful substances							1							1	hazards, harmful substances
materials															materials
load															load
natural environment															natural environment
other causal agent	1													1	other causal

																agent
no causal agent																no causal
no causal agent																agent
unclassifiable																unclassifiable
total	3	1	2	1	2		1	1		1	1		1		14	total

Causal agents (small) of fatal accidents in other movie/play service in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents
engine																									engine
power transmission mechanism																									power transmission mechanism
circular sawing machine																									circular sawing machine
band sawing machine																									band sawing machine
wood planer machine																									wood planer machine
hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
chamfering machine, router, woodworking																									chamfering machine, router, woodworking

milling machine													milling machine
chain saw													chain saw
other woodworking													other woodworking
machines													machines
leveling,													leveling,
transporting or													transporting or
loading machine													loading machine
excavating machine													excavating machine
foundation work													foundation work
machine													machine
hardening machine													hardening machine
demolition machine													demolition machine
vehicle for high lift													vehicle for high lift
work													work
other construction													other construction
machines													machines
lathe													lathe
drill press, milling													drill press, milling
machine													machine
grinding machine,													grinding machine,
buffing machine													buffing machine
power press													power press
forging pressure													forging pressure
hammer													hammer

shearing machine													shearing machine
other metal													other metal
manufacturing													manufacturing
machines													machines
centrifugal machine													centrifugal machine
mixer, grinder													mixer, grinder
roll machine (except													roll machine (except
printingroll													printingroll
machine)													machine)
injection molding													injection molding
machine													machine
food manufacturing													food manufacturing
machine													machine
printing machine													printing machine
industrial robot													industrial robot
other general													other general
power machines													power machines
felling machine													felling machine
mobile logging													mobile logging
machine													machine
skyline yarding													skyline yarding
machine													machine
other mobile													other mobile
silviculture machine													silviculture machine

crane													crane
mobile crane													mobile crane
derrick crane													derrick crane
elevator, lift													elevator, lift
cargo lifting													cargo lifting
appliance													appliance
gondola													gondola
lumberyard													lumberyard
equipment, logging													equipment, logging
cableway													cableway
simple skyline													simple skyline
yarding equipment													yarding equipment
other powered													other powered
crane													crane
truck			1									1	truck
forklift													forklift
railway equipment													railway equipment
conveyor													conveyor
loader													loader
straddle carrier													straddle carrier
rough terrain hauler													rough terrain hauler
other powered													other powered
conveying machines													conveying machines
cars, bus,													cars, bus,

motorcycle	1	1	2				1						5	motorcycle
railway vehicle														railway vehicle
other vehicles														other vehicles
boiler														boiler
pressure vessel														pressure vessel
other pressure vessels														other pressure vessels
chemical facilities														chemical facilities
gas welding equipment														gas welding equipment
arc welding equipment														arc welding equipment
other welding equipment														other welding equipment
kiln, caldron														kiln, caldron
industrial dryer														industrial dryer
other kiln, caldron														other kiln, caldron
transmission														transmission
electric power facilities														electric power facilities
other electrical equipment														other electrical equipment
human power														human power

cranes															cranes
human power															human power
hauling equipment															hauling equipment
human power															human power
machine															machine
hand tool															hand tool
ladder															ladder
slinging tool															slinging tool
other tools															other tools
other equipment,									1					1	other equipment,
facilities															facilities
scaffolding															scaffolding
timbering															timbering
stairs, landing stage															stairs, landing stage
opening	1													1	opening
roof, beam, haze,															roof, beam, haze,
crossbeam,															crossbeam,
principal rafter															principal rafter
working platform,															working platform,
boot board															boot board
passage					1									1	passage
building,										1		1		2	building,
establishment															establishment
other temporary															other temporary

buildings,				1								1	buildings,
establishments													establishments
explosive substance						1						1	explosive substance
inflammable													inflammable
substance													substance
inflammable gas													inflammable gas
harmful substance													harmful substance
radiation													radiation
other hazards,													other hazards,
harmful substances													harmful substances
metal material													metal material
lumber, bamboo													lumber, bamboo
stone, sand,													stone, sand,
substance													substance
other materials													other materials
load													load
machine/equipment													machine/equipment
as load													as load
natural ground,													natural ground,
rock													rock
standing tree													standing tree
water													water
abnormal													abnormal
environment													environment

high/cold																high/cold
temperature																temperature
environment																environment
other environments																other environments
other causal agent	1														1	other causal agent
no causal agent																no causal agent
unclassifiable																unclassifiable
total	3	1	2	1	2		1	1		1	1		1		14	total

Workers age of fatal accidents in other movie/play service in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less								1																1	19 years old or less
20-29	1		1			1							1							1				5	20-29
30-39								1				1				1								3	30-39
40-49	1				2																			3	40-49
50-59																									50-59
60 years old or	1																1							2	60 years old or
more																									more
total	3		1		2	1		2				1	1			1	1			1				14	total

Workers' number of workplace of fatal accidents in other movie/play service in 1999-2021

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale
9 workers or less	1					1		2				1					1							6	9 workers or less
10-29	1		1										1							1				4	10-29
30-49																1								1	30-49
50-99					1																			1	50-99
100-299	1																							1	100-299
300 workers or					1																			1	300 workers or
more					•																			<u> </u>	more
total	3		1		2	1		2				1	1			1	1			1				14	total

Month of fatal accidents in other movie/play service in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January													1				1							2	January
February			1									1												2	February
March																1								1	March
April																									April
May					2			1																3	May
June						1														1				2	June
July	1																							1	July
August								1																1	August
September																									September
October	1																							1	October
									$\vdash$																

November	1														1	November
December																December
total	3	1	2	1	2		1	1		1	1		1		14	total

Prefecture of fatal accidents in other movie/play service in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido																									Hokkaido
Aomori																									Aomori
lwate																									lwate
Miyagi																									Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushima
Ibaraki																									lbaraki
Tochigi													1											1	Tochigi
Gunma																									Gunma
Saitama																									Saitama
Chiba																1								1	Chiba
Tokyo	2				1			1												1				5	Tokyo
Kanagawa																	1							1	Kanagawa
Niigata	1																							1	Niigata
Toyama																									Toyama

Ishikawa		1											1	Ishikawa
Fukui														Fukui
Yamanashi														Yamanashi
Nagano														Nagano
Gifu														Gifu
Shizuoka					1								1	Shizuoka
Aichi							1						1	Aichi
Mie														Mie
Shiga														Shiga
Kyoto														Kyoto
Osaka			1										1	Osaka
Hyogo														Hyogo
Nara														Nara
Wakayama														Wakayama
Tottori														Tottori
Shimane														Shimane
Okayama														Okayama
Hiroshima														Hiroshima
Yamaguchi														Yamaguch
Tokushima														Tokushima
Kagawa														Kagawa
Ehime														Ehime
Kochi														Kochi

Fukuoka																Fukuoka
Saga																Saga
Nagasaki																Nagasaki
Kumamoto																Kumamoto
Oita				1											1	Oita
Miyazaki																Miyazaki
Kagoshima																Kagoshima
Okinawa																Okinawa
total	3	1	2	1	2		1	1		1	1		1		14	total

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

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