

Fatal and non-fatal accidents in movie production and delivery service in Japan in 1999-2021

movie production and delivery service industry Code No.100101

Type of accidents in movie production and delivery 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	6	4	5	10	4	1	4	6	7	6	7	6	4	6	4	6	6	11	4	3	2	5	10	127	fall from height
falling to same level	9	3	4	5	2	4	2	3	5	3	5	2	7	5	12	4	8	4	4	5		5	8	109	falling to same level
crash	2		2	5	3	1	2	5	1		3	3	1	3		1	3	1	3	1	3	2	1	46	crash
struck by flying or falling object		1	1	2	1	3	3	3		1	3	2	1	1		2		4	1	3	1	1		34	struck by flying or falling object
collapse	1		1	1	1				1	1	1			1	1	2	1		1		1		6	20	collapse
crashed by			5	2			2	1	3	1	1	2	3		1			2			1			24	crashed by
caught in/between	4		2	2	2			3		1		2	3	2	2	1		2	1		1		2	30	caught in/between
cut	3	1	3	1	1	1	1		2	2	2	1			1	3	2	1	1	2			1	29	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																	2		1		1			4	contact to high/low-temperature

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

harmful substances																1								1	harmful substances
metal material			2		1					2					1	1								7	metal material
lumber, bamboo			2		1		1	2		1			1				1	1					1	11	lumber, bamboo
stone, sand, substance													1											1	stone, sand, substance
other materials							1		1		1								2					5	other materials
load			3				2	2		1	1	2		2	2	1				1	2	1	4	24	load
machine/equipment as load								1	1			1	1			1		1			1			7	machine/equipment as load
natural ground, rock					2			1	1	1	1		1			1		1				1		10	natural ground, rock
standing tree							1					1												2	standing tree
water			1				1																	2	water
abnormal environment																									abnormal environment
high/cold temperature environment																1		1			1			3	high/cold temperature environment
other environments			2					2				2		2	2	1								11	other environments
other causal agent							16	4	4		1	1	1	1		1		1		2	1	2	2	37	other causal agent
no causal agent			1		3		2	2	2	2	2	4	3	4	3	2	2		4	2		4	4	46	no causal agent
unclassifiable												1												1	unclassifiable
total			36		19		36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	557	total

Workers age of fatal and non-fatal accidents in movie production and delivery 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				6				1					1	1											9	19 years old or less
20-29	15	9	23	12	7	4	16	11	8	9	9	12	12	6	11	3	12	13	9	4	29	6	13	253	20-29	
30-39	9	2	4	16	6	6	11	8	6	5	6	6	7	4	13	10	8	6	7	1	20	5	10	176	30-39	
40-49	5	3	7	4	5	2	5	5	5	5	2	1	6	9	4	8	3	5	6	7	13	4	6	120	40-49	
50-59	3	4	1	3	1	1	2	3	2		7	4	3	5	5	3	3	4	3	7		4	8	76	50-59	
60 years old or more	1		1	1		2	2	2	3	2	1		1	3	1		2	1	2	1	1		4	31	60 years old or more	
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	665	total	

Workers' number of workplace of fatal and non-fatal accidents in movie production and delivery 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	7	5	7	7	3	3	4	4	2	6	7	4	4	6	5	7	9	1	5	5	3	3	6	113	9 workers or less
10-29	6	4	7	16	5	6	6	7	4	5	4	5	5	7	10	4	6	4	5	4	3	4	13	140	10-29
30-49	4		11	2	1	3	4	2	3	2	2	3	5	6	8	3	2	6	4	6	1	1	4	83	30-49
50-99	8	3	6	11	5	2	16	9	3	3	9	5	3	7	7	4	3	6	5	1	52	6	10	184	50-99
100-299	8	4	4	5	4	1	6	5	5	3	2	4	8	1	2	5	6	11	6	4	4	3	7	108	100-299
300 workers or more		2	1	1	1			3	7	2	1	2	5	1	2	1	2	1	2			2	1	37	300 workers or more
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	665	total

Month of fatal and non-fatal accidents in movie production and delivery 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	3	2	1		3	4	3	1	1		2	2	1	2	2	4	2	4	2			3	43	January
February	4	2	1	4	2	1	3	1	1	2	3	5	2	1	4		3	1	2	2	1		2	47	February
March	2		4	7	1	1	2	2	2		5	1	2	2	5	3	3		1	1	2	3	3	52	March
April	3	1	1	3			1	3	2	3		1	5		3	3	3	1	2	1	2		2	40	April
May	1	1	2	8	2	1	1	2	5	2	2	1		1		1	1	2	3	3				39	May
June	3	1	4	4	2	2	1	1	1	1	3		1	3	4	1	4	5	1	1	1	3	3	50	June
July	2	2	3	4		1	1	2	1	4	6	1	4		1	3	1	4	2	1	54	2	5	104	July
August	3		4	4	2	1	16	5	4	2	2	4	4	2	1		4	1	2	3	2	3	5	74	August
September	4	3	6	1	2	2	1	4	3	1		2	2	7	6	1	2	1	1	1	1	2	4	57	September
October	5	2	4	4	3	1	2	4	1	3	2	4	4	6	5	2	2	5	3	2		4	7	75	October
November	1	3	2	1	3		2		2	2	1	1		3	1	3	1	4	2	1		2	3	38	November
December	4		3	1	2	2	2	3	1		1	1	4	2	2	5		3	4	2			4	46	December
total	33	18	36	42	19	15	36	30	24	21	25	23	30	28	34	24	28	29	27	20	63	19	41	665	total

Prefecture of fatal and non-fatal accidents in movie production and delivery 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			1				2	3		1	1	1	1	2	3	2	2	1	1	3	1	1	2	28	Hokkaido
Aomori																							1	1	Aomori

Iwate																							1	1	Iwate	
Miyagi									1				1	1			1						2	6	Miyagi	
Akita														1									1	2	Akita	
Yamagata															1									1	Yamagata	
Fukushima																									Fukushima	
Ibaraki																									Ibaraki	
Tochigi																									Tochigi	
Gunma																	1							1	Gunma	
Saitama			2		1			1	1	1		1	1		1				1					10	Saitama	
Chiba						1	1																	2	Chiba	
Tokyo	11	5	20		10		7	5	10	10	13	16	15	14	24	14	15	23	18	9	8	9	22	278	Tokyo	
Kanagawa	1	2					2	1	2		2		2	1			2		2	1			3	21	Kanagawa	
Niigata		1												1						1				3	Niigata	
Toyama								1																1	Toyama	
Ishikawa										1														1	2	Ishikawa
Fukui																										Fukui
Yamanashi																										Yamanashi
Nagano									1				1											1	3	Nagano
Gifu	1		1							1															3	Gifu
Shizuoka															1		1								2	Shizuoka
Aichi	1	1			1		14							1			2		2		1	1	1	25	Aichi	
Mie																										Mie
Shiga																								1	1	Shiga

no causal agent										1														2	no causal agent			
unclassifiable																										unclassifiable		
total			1	3		1				1					1	1								36	1	2	49	total

Causal agents (small) of fatal accidents in movie production and delivery 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 milling machine																											chamfering machine, router, woodworking milling machine

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

Saga																							Saga	
Nagasaki																								Nagasaki
Kumamoto																								Kumamoto
Oita																								Oita
Miyazaki																								Miyazaki
Kagoshima																								Kagoshima
Okinawa																								Okinawa
total			1	3		1			1			1	1				1	1		36	1	2	49	total

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

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