

Fatal and non-fatal accidents in cremation service in Japan in 1999-2021

cremation service industry Code No.150104

Type of accidents in cremation 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	4	3		2	1	2	2	1	1	2	1	1	2		2	1				3			1	29	fall from height	
falling to same level	1	2	2	1	1	3	2	3			5	1	3	1	3	2	2	1					1	34	falling to same level	
crash				1				1			1						3		1	1				8	crash	
struck by flying or falling object			1	1	2				1														1	6	struck by flying or falling object	
collapse																										collapse
crashed by			1	1												1							1	4	crashed by	
caught in/between	4	1					1			4	1	3	2	1	1		2	1	2				1	24	caught in/between	
cut			1														1	1						3	cut	
injury to the sole of the foot		1																						1	injury to the sole of the foot	
drown																										drown
contact to high/low-temperature			1						1												1			3	contact to high/low-temperature	

construction machine																								construction machine
metal manufacturing machine																								metal manufacturing machine
general machine																1								1 general machine
mobile silviculture machine																								mobile silviculture machine
crane																								crane
conveying machine	1										2			1			1			1				6 conveying machine
vehicle		2		1			3		1					1	1	1			1	1				12 vehicle
pressure vessel																								pressure vessel
chemical facilities																								chemical facilities
welding equipment																								welding equipment
kiln, caldron			1				1			1								1						4 kiln, caldron
electric equipment												1												1 electric equipment
human power machine, tools	1										1		1	1			3		1	1			2	11 human power machine, tools

machine																								machine
food manufacturing machine																								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																								harmful substances	
metal material			1												1									2	metal material
lumber, bamboo																									lumber, bamboo
stone, sand, substance																									stone, sand, substance
other materials													1											1	other materials
load			1			1			1						1		1							5	load
machine/equipment as load																									machine/equipment as load
natural ground, rock					1							1												2	natural ground, rock
standing tree																									standing tree
water												1												1	water
abnormal environment																									abnormal environment
high/cold temperature environment									1												1			2	high/cold temperature environment
other environments					1			1				1			1		1	1	1					7	other environments
other causal agent			1						1														1	3	other causal agent
no causal agent			1					1					1	1					2	1		1		8	no causal agent
unclassifiable																									unclassifiable
total			8		4		9	5	6	8	8	6	8	4	8	5	8	5	4	8	3		7	114	total

Workers age of fatal and non-fatal accidents in cremation 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																									19 years old or less
20-29		1		1	1		2				1		1	2					1		1		1	12	20-29
30-39	2	1		1		2		2		3		2	2		2		1			3	1		2	24	30-39
40-49	1	2	3	1	2	2	1			2	3		2	1	3	1	3	4	1				1	33	40-49
50-59	6	4	1			2	2	2	5	3	3	4	2	1	3	2	3	1	1	2	1			48	50-59
60 years old or more	1	2	4	4	1		4	1	1		1		1			2	1						3	30	60 years old or more
total	10	10	8	7	4	6	9	5	6	8	8	6	8	4	8	5	8	5	4	8	3		7	147	total

Workers' number of workplace of fatal and non-fatal accidents in cremation 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	3	3	3	2	3	3	6	3	4	3	4	2	5	3	5	1	5	1	3	3	1		1	67	9 workers or less
10-29	4	4	2	4	1	2	2	2	1	4	1	4	2	1	2	3	2	4		4			5	54	10-29
30-49		1	2						1	1	1		1			1				1			1	10	30-49
50-99	2	1		1							1				1		1				2			9	50-99
100-299		1	1				1				1								1					5	100-299
300 workers or more	1					1																		2	300 workers or more
total	10	10	8	7	4	6	9	5	6	8	8	6	8	4	8	5	8	5	4	8	3		7	147	total

Month of fatal and non-fatal accidents in cremation 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	2		1	2		1	1	1		2										1			1	12	January	
February	1			1		1		1	1				2		1	2					1				11	February
March	1	2						1	2			2	1					1	1						11	March
April	1	3	1		1	1	1			1	1		1		2		3			2					18	April
May	1		1	1							2		1	2	1			1		1					11	May
June	1					1	1		1		1	1	2	1		1	1	1					1		13	June
July	1	1	1	2	1	1	1		1	1	1	1						1		1					14	July
August	1	1	1								1	1	1		1	1	1		2	1	2				14	August
September		1		1	2		1		1	2	1	1			1				1				2		14	September
October	1	1	2							1	1			1		1	1			2			1		12	October
November						1	3	1		1					1		2						2		11	November
December		1	1				1	1							1			1							6	December
total	10	10	8	7	4	6	9	5	6	8	8	6	8	4	8	5	8	5	4	8	3		7	147	total	

Prefecture of fatal and non-fatal accidents in cremation 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					1	1		1		1					7	Hokkaido
Aomori	1																2						1		4	Aomori

Iwate											1											1	Iwate			
Miyagi		1						1														1	3	Miyagi		
Akita																								Akita		
Yamagata									1	1			1										3	Yamagata		
Fukushima										1													1	Fukushima		
Ibaraki									1							1							2	Ibaraki		
Tochigi												1											1	Tochigi		
Gunma										1				1	1		1					1	5	Gunma		
Saitama														1		1							2	Saitama		
Chiba	1	1	1		1		1			1	1		2		2		1	2					14	Chiba		
Tokyo		1	1		1						1			1			1				1		7	Tokyo		
Kanagawa			1				1						1	1	1						1		1	7	Kanagawa	
Niigata									1	1					1						1			4	Niigata	
Toyama																1								1	Toyama	
Ishikawa	2						1																	3	Ishikawa	
Fukui			1										1	1										3	Fukui	
Yamanashi													1									1		2	Yamanashi	
Nagano																							1	1	Nagano	
Gifu											1													1	Gifu	
Shizuoka							2																	2	Shizuoka	
Aichi			1									2					1			1			1	6	Aichi	
Mie		1																						1	Mie	
Shiga			1																			1		1	3	Shiga

no causal agent																									no causal agent
unclassifiable																									unclassifiable
total	1													1										2	total

Causal agents (small) of fatal accidents in cremation 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	1																				1	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																							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																							building, establishment
other temporary buildings,																							other temporary buildings,

December																											December
total	1												1													2	total

Prefecture of fatal accidents in cremation 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
Iwate													1												1	Iwate
Miyagi																										Miyagi
Akita																										Akita
Yamagata																										Yamagata
Fukushima																										Fukushima
Ibaraki																										Ibaraki
Tochigi																										Tochigi
Gunma																										Gunma
Saitama																										Saitama
Chiba																										Chiba
Tokyo																										Tokyo
Kanagawa																										Kanagawa
Niigata																										Niigata
Toyama																										Toyama
Ishikawa	1																								1	Ishikawa

Saga																								Saga	
Nagasaki																								Nagasaki	
Kumamoto																								Kumamoto	
Oita																								Oita	
Miyazaki																								Miyazaki	
Kagoshima																								Kagoshima	
Okinawa																								Okinawa	
total	1												1											2	total

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

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