

Fatal and non-fatal accidents in other harbor transportation service in Japan in 1999-2021

other harbor transportation service industry Code No.050209

Type of accidents in other harbor transportation 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	7	4	11	10	7	8	11	8	10	9	7	8	6	7	6	8	2	3	7	7	4	3	2	155	fall from height
falling to same level	4	3	3	2	3	5	5	3	3	1	4		1	1	3	3	2	3	5	3	5	5	2	69	falling to same level
crash	2	5	3	2	2	2	2	2	3	6	2	3	4	4		3	2		2	3	4	1	2	59	crash
struck by flying or falling object	1	1	6	3		2	3	1	5	2	3	1	2		2	1	1	4	3	2	2		3	48	struck by flying or falling object
collapse			1		1	3	1	1	1			1	2			1	1			1		3		17	collapse
crashed by	2	2	3	5	4	2	1	4	4	1	1	7	1	2	3			1	1		1	4	2	51	crashed by
caught in/between	6	8	5	6	4	8	5	4	5	4	2	5	13	6	4	5	3	6	4	3	4	2	7	119	caught in/between
cut	1		2				1	1			1		1	1		1					2			11	cut
injury to the sole of the foot																						1	1	2	injury to the sole of the foot
drown	1	1		1		1	2										1	1						8	drown
contact to high/low-temperature		1		1									2					2	1	3				10	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	2	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			1			2		1	1			1	2									1	10	crane
mobile crane												1											1	mobile crane
derrick crane																								derrick crane
elevator, lift												1											1	elevator, lift
cargo lifting appliance												1											1	cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging																								lumberyard equipment, logging

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 cranes										1		1	1											3	human power cranes	
human power hauling equipment											2							1				1		4	human power hauling equipment	
human power machine																										human power machine
hand tool			1			1		2	1			1	2				1		1			2	12	hand tool		
ladder			2		2		2		1	1	1	3	2	1		2		1	2	1	1	1		23	ladder	
slinging tool							1	2	1				2								1	2		9	slinging tool	
other tools			2				1	4	4		2	5	2	1	3	5	3	2	3	1	4	2	1	45	other tools	

harmful substances								1															2	harmful substances	
metal material			3		1		1			1	2	2	3	1	2	1	1				1	1	1	21	metal material
lumber, bamboo			1		1				1			1				1	2		1			2	1	12	lumber, bamboo
stone, sand, substance											1													2	stone, sand, substance
other materials			1									1							1				1	4	other materials
load			8		6		7	2	9	1	2	4	3	4	2	2	1	3	3	2	3	3		65	load
machine/equipment as load											1		1											2	machine/equipment as load
natural ground, rock																									natural ground, rock
standing tree																									standing tree
water							1											1						2	water
abnormal environment																		1						1	abnormal environment
high/cold temperature environment																			2	1	3			6	high/cold temperature environment
other environments										1			1										2	4	other environments
other causal agent															1						1	1		3	other causal agent
no causal agent										1			2	1	2	2		1	1	2	2	2	3	19	no causal agent
unclassifiable									1															1	unclassifiable
total			36		25		36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	513	total

Workers age of fatal and non-fatal accidents in other harbor transportation 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		1	1			1				1		3						9	19 years old or less
20-29	3	8	3	5	4	2	3	6	3	4	5	2	8	3	4	2	3	4	2	4	6	2	3	89	20-29
30-39	7	6	5	5	5	4	6	4	14	6	2	9	6	7	3	7	3	4	2	5	6	5	6	127	30-39
40-49	4	5	7	7	3	6	14	4	8	3	7	5	11	6	4	10	3	4	10	5	4	6	7	143	40-49
50-59	8	5	18	10	11	13	9	3	10	8	6	6	4	5	6	3	3	9	8	3	6	5	6	165	50-59
60 years old or more	5	5	2	6	2	9	4	7	3	7	1	4	6	3	4	5	2	2	5	7	4	9	2	104	60 years old or more
total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

Workers' number of workplace of fatal and non-fatal accidents in other harbor transportation 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	4	8	6	4	5	11	8	6	8	8	10	2	5	6	6	1	2	4	4	6	4	7	4	129	9 workers or less
10-29	10	9	10	13	6	8	16	16	19	12	5	14	13	4	6	9	7	10	7	7	13	9	8	231	10-29
30-49	8	7	9	6	2	6	3		2	4	2	5	6	4	3	9	3	5	4	5	7	7	6	113	30-49
50-99	2	3	3	4	6	2	4	2	4	3	3	4	4	3	3	6		3	7	4		2	3	75	50-99
100-299	1	2	8	4	6	8	5	1	6	1	1	2	7	6	3	2	1	4	5	2	2	2	3	82	100-299
300 workers or more	2			2										1		1	1							7	300 workers or more
total	27	29	36	33	25	35	36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	637	total

human power hauling equipment																								human power hauling equipment	
human power machine																									human power machine
hand tool																									hand tool
ladder															1										1 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,

9 workers or less					1		1			1															3	9 workers or less
10-29	1	2		1		1	1									1	1		1						9	10-29
30-49																					1				1	30-49
50-99																	1								1	50-99
100-299																1									1	100-299
300 workers or more																										300 workers or more
total	1	2		1	1	1	2			1						1	1	2		1		1		15	total	

Month of fatal accidents in other harbor transportation 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	January
February		1			1																				2	February
March																1									1	March
April	1																								1	April
May																										May
June																					1				1	June
July																	1	1							2	July
August																										August
September																										September
October						1				1								1					1		4	October
November		1																							1	November

Fukui																							Fukui		
Yamanashi																								Yamanashi	
Nagano																								Nagano	
Gifu																								Gifu	
Shizuoka																								Shizuoka	
Aichi				1																			1	Aichi	
Mie													1		1								2	Mie	
Shiga																								Shiga	
Kyoto																								Kyoto	
Osaka															1								1	Osaka	
Hyogo					1				1														2	Hyogo	
Nara																								Nara	
Wakayama																								Wakayama	
Tottori																								Tottori	
Shimane																								Shimane	
Okayama																								Okayama	
Hiroshima																1							1	Hiroshima	
Yamaguchi																								Yamaguchi	
Tokushima																								Tokushima	
Kagawa																								Kagawa	
Ehime																								Ehime	
Kochi																								Kochi	
Fukuoka																							1	1	Fukuoka

Saga																								Saga	
Nagasaki																									Nagasaki
Kumamoto																									Kumamoto
Oita																					1		1	Oita	
Miyazaki																									Miyazaki
Kagoshima																									Kagoshima
Okinawa																									Okinawa
total	1	2		1	1	1	2			1					1	1	2		1		1		15	total	

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

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