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

contact to harmful substance																		1						1	contact to harmful substance
electric shock																									electric shock
explosion																									explosion
burst																									burst
fire																									fire
traffic accident (public road)		1		1	2	2	1		4		1					3		2				4		21	traffic accident (public road)
traffic accident (others)																					1			1	traffic accident (others)
reaction to motion/improper motion	3	3	2	2	2	2	4	1	4	4		2	3	3	3	3	2	3	4	2	3	3	5	63	reaction to motion/improper motion
others										1												1		2	others
unclassifiable																									unclassifiable
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

Causal agents (large) of fatal and non-fatal accidents in other harbor transportation 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		Causal (L)
Causar (L) agents	1999	2000	2001	2002	2003	2004	2003	2000	2007	2000	2007	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021		agents
machine	1	2				1	1	1					2	1		3	1		1	1	3		2	20	machine
crane, conveying																									crane,

machine	12	13	12	16	11	15	12	14	16	12	6	6	11	10	9	8	4	7	9	8	8	6	6	231	conveying
macrime																									machine
other equipment	2	3	5	3	2	5	6	7	8	4	5	9	8	6	3	8	4	6	5	5	6	8	4	122	other
other equipment				5					6	<b>T</b>						6								122	equipment
tomporary buildings																									temporary
temporary buildings, establishments	3	3	6	5	4	5	8	1	3	8	4	4	3		2	2	2	3	6	2	2	3	5	84	buildings,
Cstabilsiments																									establishments
substance, material		3	5	3	2	4	1		2	1	3	4	4	2	2	3	2	2	1	1	1	4	2	52	substance,
substance, material							ľ			•		<b>T</b>								ľ				52	material
load	6	2	8	4	6	4	7	2	9	1	3	4	4	4	2	2	1	3	3	2	3	3		83	load
environment	1	1		1			1			1			1					4	1	3			2	16	environment
others	2	2		1		1			1	1			2	1	3	2		1	1	2	3	3	3	29	others
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

Causal agents (middle) of fatal and non-fatal accidents in other harbor transportation 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		2				1														1				4	power transmission mechanism
woodworking machine	1												1			1					2			5	woodworking machine

construction machine							1						1	1		1			1		1		1	7	construction machine
metal manufacturing																									metal manufacturing
machine																									machine
																									general
general machine								1								1	1						1	4	machine
																									mobile
mobile silviculture																									silviculture
machine																									machine
crane	1	3	1	2		2	2		1	1		1	3	2				2	1	1			2	25	crane
				1.1				7		7	_		_	_			_						1	129	conveying
conveying machine	7	6	6	11	9	9	8		8		5	2	5	5	4	6	3	2	6	4	6	2	I	129	machine
vehicle	4	4	5	3	2	4	2	7	7	4	1	3	3	3	5	2	1	3	2	3	2	4	3	77	vehicle
pressure vessel																									pressure vessel
chemical facilities																									chemical
Chemical facilities																									facilities
wolding oquinment				1																				1	welding
welding equipment																									equipment
kiln, caldron																									kiln, caldron
		1																						1	electric
electric equipment																								1	equipment
human power machine,			1				1					1								1		1		19	human power
tools							1		2	2	2		2	2				2		1		1	2	19	machine, tools

tools	2	2	4	1	2	5	4	6	6	1	3	8	6	2	3	7	3	3	5	2	6	5	1	87	tools
other equipments,				1			1	1		1				2		1	1	1		2		2	1	14	other equipments, facilities
temporary buildings, establishments	3	3	6	5	4	5	8	1	3	8	4	4	3		2	2	2	3	6	2	2	3	5	84	temporary buildings, establishments
hazards, harmful substances									1				1			1								3	hazards, harmful substances
materials		3	5	3	2	4	1		1	1	3	4	3	2	2	2	2	2	1	1	1	4	2	49	materials
load	6	2	8	4	6	4	7	2	9	1	3	4	4	4	2	2	1	3	3	2	3	3		83	load
natural environment	1	1		1			1			1			1					4	1	3			2	16	natural environment
other causal agent	2														1						1	1		5	other causal agent
no causal agent		2		1		1				1			2	1	2	2		1	1	2	2	2	3	23	no causal agent
unclassifiable									1															1	unclassifiable
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

Causal agents (small) of fatal and non-fatal accidents in other harbor transportation 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							1		1				2		4	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
chain saw																chain saw
other woodworking machines																other woodworking machines
leveling, transporting or loading machine				1			1		1		1			1	5	leveling, transporting or loading machine
excavating machine								1					1		2	excavating machine
foundation work																foundation work

		لـــــا	$\Box$	L		]					$\Box$			 	الـ	I
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 (excep
printingroll										1					1	printingroll
machine)																machine)
injection molding																injection molding

machine																		machine
food manufacturing machine					1												1	food manufacturing
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																		other mobile
silviculture machine																		silviculture machine
crane		1		2		1	1		1	2			1			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																		lumberyard
equipment, logging																		equipment, logging

cableway																					cableway
simple skyline yarding equipment																					simple skyline yarding equipment
other powered crane														1	1	1			1	4	other powered crane
truck	3	4	4	3	3	3	4	1	3	3	1	3			2	3	1	1		42	truck
forklift	1	5	4	1	5	3	1	1	1	2	3	2	2	2	4		4		1	42	forklift
railway equipment																					railway equipment
conveyor	1			3									1				1			6	conveyor
loader																					loader
straddle carrier						1						1								2	straddle carrier
rough terrain hauler																		1		1	rough terrain haule
other powered conveying machines	1								1							1				3	other powered conveying machine
cars, bus, motorcycle		1	1		4				1			2		3		1		3		16	cars, bus, motorcycle
railway vehicle																					railway vehicle
other vehicles	5	1	1	7	3	4	1	3	2	3	5		1		2	2	2	1	3	46	other vehicles
boiler																					boiler
pressure vessel																					pressure vessel
other pressure vessels																					other pressure vessels
chemical facilities																					chemical facilities

gas welding																						gas welding
equipment																						equipment
arc welding																						arc welding
equipment																						equipment
other welding																						other welding
equipment																						equipment
kiln, caldron																						kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron																						other kiln, caldron
transmission																						transmission
electric power																						electric power
facilities																						facilities
other electrical																						other electrical
equipment																						equipment
human power							1		1	1											3	human power
cranes																						cranes
human power								2							1				1		4	human power
hauling equipment																			<u> </u>			hauling equipment
human power																						human power
machine																						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

other equipment,				1	1		1				2		1	1	1		2		2	1	13	other equipment,
scaffolding				1		1															2	scaffolding
timbering							1														1	timbering
stairs, landing stage		4		1	1	2		1	1			1		1	1	1	1		1		16	stairs, landing stage
opening													1					1			2	opening
roof, beam, haze,																						roof, beam, haze,
crossbeam,																						crossbeam,
principal rafter																						principal rafter
working platform, boot board							3	1		1					1	1		1		2	10	working platform, boot board
passage		1	4	2			3			1		1		1	1	4	1		1		20	passage
building, establishment				3					2										1	1	7	building, establishment
other temporary buildings, establishments		1		1			1	2	1	1			1							2	10	other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance																						inflammable substance
inflammable gas										1											1	inflammable gas
harmful substance																						harmful substance
radiation																						radiation
other hazards,																						other hazards,

harmful substances						1							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			1	2		1		2	1	12	lumber, bamboo
stone, sand, substance								1					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,																						natural ground,
standing tree																						standing tree
water				1											1						2	water
abnormal environment															1						1	abnormal environment
high/cold temperature environment															2	1	3					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	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															_									ll l	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

## Month of fatal and non-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	3	1	1	4		2	3	2	4	3	3	2	2	1	2	2	1	3	2	1	2	2	3	49	January
February	2	10	3	6	3	7	2	5	1	4			1	1	3	4	1	4	3	1	2		3	66	February
March	3	2	4	4	4	1	3	1	2	3	5		1	2	1	2		2	2	1	3		2	48	March
April	2	5	4	3	3	4	3	2		5	1	2	3		1	4	1	1		3		3	2	52	April
May	1	1	3	5	2	1	2	2	8	3	1	5	5	3	1	3	4	2	4	1	2	2		61	May
June	2	1	1	1	1	4	4	4	6	2	2	2	5	3	1	3		3	1	1	5	5		57	June
July	5	1	3	3	1	4	2	3	2		3	4	4	3	5	1	2	2	7	4	1	4		64	July
August	2	4	5	3	3	1	2	3	4	2	2	2	2	2	1	2		2	2	2	2	4	3	55	August
September		1		2	2	4	4		3	1			5	3		1	1	3	2	2	4	2	2	42	September
October	4	1	3	1	1	3	3		4	3	2	4	2	1	4	3	2	3	2	5	1	2	4	58	October
November			2	1	2	1	5	1	5		1	4	2	1	1	2		1	1	3	2		1	36	November
December	3	2	7		3	3	3	2		2	1	2	3	4	1	1	2		1		2	3	4	49	December
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

Prefecture of fatal and non-fatal accidents in other harbor transportation 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			2	3	4	2		6					1			22	Hokkaido
Aomori																									Aomori

lwate																							lwate
Miyagi				1													1	3	4			9	Miyagi
Akita																							Akita
Yamagata																							Yamagata
Fukushima																1					1	2	Fukushima
lbaraki					1	1												1	1			4	Ibaraki
Tochigi																							Tochigi
Gunma																							Gunma
Saitama																							Saitama
Chiba					1		1	1			3					1		1		2	2	12	Chiba
Tokyo	6	1	5	2	3	1	1	3	1	3		1	2	1	1	1		1		2		35	Tokyo
Kanagawa	5	8	3	1	5	9	9	7	1	7	2	3	2	4	2	2	2	1	4	3	1	81	Kanagawa
Niigata																		1				1	Niigata
Toyama																							Toyama
Ishikawa																							Ishikawa
Fukui																	1					1	Fukui
Yamanashi																							Yamanash
Nagano																							Nagano
Gifu									1													1	Gifu
Shizuoka			1			1			1		1								2			6	Shizuoka
Aichi		5	3	5	7		4	1	1	4		1	3	2	1	2	2	1	3	1	2	48	Aichi
Mie		1	1	1	6	1	1	1	3	2	3	2	2	2		2	4	2	1	1	2	38	Mie
Shiga	1																					1	Shiga

Kyoto																							Kyoto
Osaka	7	5	3	3	6	4	9	10	5	2	4	4	1	3	2	7	7	4	2	8	10	106	Osaka
Hyogo	2	2	7	2	4	1	7	2	1		4	2	6	5	5	4	2	3	5	3	3	70	Hyogo
Nara																							Nara
Wakayama			2																			2	Wakayama
Tottori																							Tottori
Shimane																							Shimane
Okayama			6	1	2			1		1												11	Okayama
Hiroshima	1					2	1		1				1			1	1	2	1	1		12	Hiroshima
Yamaguchi	3	1	1				1					1	1	1								9	Yamaguchi
Tokushima										1												1	Tokushima
Kagawa											2	2	1							2		7	Kagawa
Ehime		1	3	4		1	1	2	1	1	4	4		2						1		25	Ehime
Kochi		1											1					1				3	Kochi
Fukuoka	1	2		5	1	2	3		3	2	5	2		2	2	4	4	2	1		2	43	Fukuoka
Saga																							Saga
Nagasaki			1							1	1		1		1	1	3	1				10	Nagasaki
Kumamoto																							Kumamoto
Oita											2									2		4	Oita
Miyazaki																							Miyazaki
Kagoshima							1												1	1	1	4	Kagoshima
Okinawa						1																1	Okinawa

total	27	29	36		25		36	25	39	28	21	27	35	24	21	28	14	26	27	24	26	27	24	569	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)

Return to <a href="https://www.jisha.or.jp/english/statistics/2021e\_industry.html">https://www.jisha.or.jp/english/statistics/2021e\_industry.html</a>

\_\_\_\_\_\_

Fatal accidents in other harbor transportation service in Japan in 1999-2021

other harbor transportation service industry Code No.050209

Type of fatal 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	1															1				1				3	fall from height
falling to same level																									falling to same
crash		1																						1	crash
struck by flying or																									struck by flying
falling object																									or falling object
collapse		1																						1	collapse
crashed by					1																			1	crashed by
																									caught

caught in/between						1								1	in/between
cut															cut
injury to the sole of the foot															injury to the sole of the foot
drown		1	1	2						1	1			6	drown
contact to high/low- temperature															contact to high/low- temperature
contact to harmful substance											1			1	contact to harmful substance
electric shock															electric shock
explosion															explosion
burst															burst
fire															fire
traffic accident (public road)													1	1	traffic accident (public road)
traffic accident (others)															traffic accident (others)
reaction to motion/improper motion															reaction to motion/improper motion
others															others
unclassifiable															unclassifiable

																لـــــا			1
total	1	2	1	1	1	2		1			1	1	2	1	1		15	total	

Causal agents (large) of fatal accidents in other harbor transportation 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	total	Causal (L) agents
machine																									machine
crane, conveying machine	1	1		1	1	1	1			1							1			1		1		10	crane, conveying machine
other equipment																1								1	other equipment
temporary buildings, establishments																									temporary buildings, establishments
substance, material																									substance, material
load		1																						1	load
environment							1											2						3	environment
others																									others
total	1	2		1	1	1	2			1						1	1	2		1		1		15	total

Causal agents (middle) of fatal accidents in other harbor transportation 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																									power transmission mechanism
woodworking machine																									woodworking machine
construction machine																									construction machine
metal manufacturing machine																									metal manufacturing machine
general machine																									general machine
mobile silviculture machine																									mobile silviculture machine
crane																									crane
conveying machine		1								1												1		∥3	conveying machine
vehicle	1			1	1	1	1										1			1				7	vehicle
pressure vessel																									pressure vessel
chemical facilities																									chemical

														facilities
welding equipment														welding
werding equipment														equipment
kiln, caldron														kiln, caldron
electric equipment														electric
erecure equipment														equipment
human power machine,														human power
tools														machine, tools
tools									1				1	tools
other equipments,														other
facilities														equipments,
														facilities
temporary buildings,														temporary
establishments														buildings,
												<u> </u> 		establishments
hazards, harmful														hazards,
substances														harmful substances
materials														materials
												<u> </u> 		
load	1												1	load
natural environment				1						2			3	natural
														environment
other causal agent														other causal
														agent

no causal agent																	no causal
no causar agent																	agent
unclassifiable																	unclassifiable
total	1	2	1	1	1	2		1			1	1	2	1	1	15	total

Causal agents (small) of fatal accidents in other harbor transportation 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																									power transmission
mechanism																									mechanism
circular sawing																									circular sawing
machine																									machine
band sawing																									band sawing
machine																									machine
wood planer																									wood planer
machine																									machine
hollow chisel																									hollow chisel
mortiser, wood																									mortiser, wood
borer																									borer
chamfering																									chamfering
machine, router,																									machine, router,
woodworking																									woodworking
milling machine																									milling machine

chain saw													chain saw
other woodworking													other woodworking
leveling,												$\vdash\vdash$	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		1												1	forklift
railway equipment															railway equipment
conveyor															conveyor
loader															loader
straddle carrier							1							1	straddle carrier
rough terrain hauler															rough terrain hauler
other powered															other powered
conveying machines															conveying machines
cars, bus,	1			1								1		3	cars, bus,
motorcycle				ľ								ľ		3	motorcycle

	 	 	 		 =	 	 	 	 		 			
railway vehicle														railway vehicle
other vehicles		1	1	1					1				4	other vehicles
boiler														boiler
pressure vessel														pressure vessel
other pressure														other pressure
vessels														vessels
chemical facilities														chemical facilities
gas welding														gas welding
equipment														equipment
arc welding														arc welding
equipment														equipment
other welding														other welding
equipment														equipment
kiln, caldron														kiln, caldron
industrial dryer														industrial dryer
other kiln, caldron														other kiln, caldron
transmission														transmission
electric power														electric power
facilities														facilities
other electrical														other electrical
equipment														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								1				1	ladder
slinging tool													slinging tool
other tools													other tools
other equipment,													other equipment,
facilities													facilities
scaffolding													scaffolding
timbering													timbering
stairs, landing stage													stairs, landing stage
opening													opening
roof, beam, haze,													roof, beam, haze,
crossbeam,													crossbeam,
principal rafter													principal rafter
working platform,													working platform,
boot board													boot board
passage													passage
building,													building,
establishment													establishment
other temporary													other temporary
buildings,													buildings,

establishments														establishments
explosive substance														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	1												1	load
machine/equipment														machine/equipment
as load														as load
natural ground,														natural ground,
rock														rock
standing tree														standing tree
water				1						1			2	water
abnormal										1			1	abnormal
environment										ı			I	environment
high/cold														high/cold

temperature																	temperature
environment																	environment
other environments																	other environments
other causal agent																	other causal agent
no causal agent																	no causal agent
unclassifiable																	unclassifiable
total	1	2	1	1	1	2		1			1	1	2	1	1	15	total

Workers age of 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	19 years old or less
20-29																									20-29
30-39	1																1			1				3	30-39
40-49							1									1								2	40-49
50-59		2		1	1		1																	5	50-59
60 years old or						1				1								1				1		4	60 years old or
more																		•				•		-	more
total	1	2		1	1	1	2			1						1	1	2		1		1		15	total

Workers' number of workplace of 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				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																	300 workers or
more																	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

December						2										2	December
total	1	2	1	1	1	2		1			1	1	2	1	1	15	total

Prefecture of fatal accidents in other harbor transportation 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																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama																									Saitama
Chiba																									Chiba
Tokyo																									Tokyo
Kanagawa	1	2		1			2																	6	Kanagawa
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																									Ishikawa

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)

Return to <a href="https://www.jisha.or.jp/english/statistics/2021e\_industry.html">https://www.jisha.or.jp/english/statistics/2021e\_industry.html</a>