

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

other land cargo transportation service industry Code No.040309

Type of accidents in other land cargo 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	118	145	155	96	136	162	177	154	141	145	99	96	113	104	111	113	112	115	108	119	97	112	90	2,818	fall from height
falling to same level	38	55	47	43	55	57	87	61	57	64	47	49	54	54	47	41	39	58	48	48	45	58	51	1,203	falling to same level
crash	24	34	35	32	27	26	42	34	37	18	31	30	24	18	22	26	24	23	25	17	23	14	26	612	crash
struck by flying or falling object	35	35	26	24	36	29	32	44	21	26	17	17	17	16	23	22	15	9	16	16	15	14	15	520	struck by flying or falling object
collapse	5	17	15	13	15	9	14	21	16	15	7	6	10	11	7	10	8	4	8	13	8	5	6	243	collapse
crashed by	27	23	12	26	18	26	26	30	28	25	20	20	21	19	17	12	11	14	13	20	28	11	26	473	crashed by
caught in/between	63	63	58	68	70	68	70	83	60	43	40	52	33	36	45	46	45	30	29	38	27	26	32	1,125	caught in/between
cut	11	6	7	5	13	7	11	5	5	3	4	6	10	7	6	6	5	7	3	4	5	9	8	153	cut
injury to the sole of the foot	1	2	1			1		1	2		2	1					2			1		1		15	injury to the sole of the foot
drown	1												1											2	drown
contact to high/low-temperature	3	3	4	2	3	3	2	4	3	5	2	5	5	3	5	3	1	2	5	3	3	6		75	contact to high/low-temperature

engine																						1				1	engine
power transmission mechanism								1		1		1	1	1												5	power transmission mechanism
circular sawing machine									1				1		1											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									1			1	1				1									4	chain saw
other woodworking machines			1						1								1							1		4	other woodworking machines
leveling, transporting or loading machine								2	3	1	4		1	1						2	1					15	leveling, transporting or loading machine
excavating machine			3		6		2		1	3	1			1	1	1		1	2	5	1			2		30	excavating machine
foundation work machine																											foundation work machine

machine																									machine
food manufacturing machine																									food manufacturing machine
printing machine																							1	1	printing machine
industrial robot																									industrial robot
other general power machines			1		3		5	2	2	2	1	2	2		1	1	1	1			2		2	28	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			5		4		7	5	2	2	2	1	2	1	2	2	2	1	2		3	1	3	47	crane
mobile crane			6		6		8	9	6	5	6	5	2	1	4	5	4	4	2	3	3	4	5	88	mobile crane
derrick crane																									derrick crane
elevator, lift			1		1				1			1		1	1	1		1						8	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway

facilities			2		3		10	7	2	1	5	4	5	3	7	5	1	6	4	1	4	3	2	75	facilities
scaffolding			1					1	1	1	1				1	1	2				1		1	11	scaffolding
timbering																									timbering
stairs, landing stage			9		12		13	8	6	12	6	10	9	9	13	7	14	12	15	10	9	8	8	190	stairs, landing stage
opening			1		1					1	2		1		2	1		2	1	2	2	1	2	19	opening
roof, beam, haze, crossbeam, principal rafter					2				1		1	1	2									1	1	9	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			15		8		8	8	15	5	10	8	6	6	12	5	3	8	3	4	7	7	8	146	working platform, boot board
passage			13		23		38	19	9	25	10	17	22	26	18	20	16	25	13	27	21	26	32	400	passage
building, establishment			16		15		16	14	10	13	10	14	9	9	8	5	4	4	10	6	5	9	5	182	building, establishment
other temporary buildings, establishments			2		8		8	15	11	6	3	5	6	2	8	6	8	4	5	5	7	3	9	121	other temporary buildings, establishments
explosive substance														1										1	explosive substance
inflammable substance					1														1		1			3	inflammable substance
inflammable gas					1									1						1		1		4	inflammable gas
harmful substance							1			1			1											3	harmful substance
radiation																									radiation
other hazards, harmful substances			3				4	1	1	1	1							1						12	other hazards, harmful substances

metal material			16		16		19	21	17	6	5	5	5	9	10	7	5	5	6	6	6	5	4	173	metal material
lumber, bamboo			8		9		12	14	6	5	6	4	4	12	4	7	4	3	4	8	4		1	115	lumber, bamboo
stone, sand, substance					3		3	2	2	1	1		2				1	2			1		1	19	stone, sand, substance
other materials			2		3		4	5	6	4	4	2	5	1	9	1	4	1	2	5	4			62	other materials
load			60		53		59	69	48	57	45	41	35	34	33	33	39	29	29	29	22	32	23	770	load
machine/equipment as load			4				8		5	1	3	3	3	5	2	6		5		3	1		2	51	machine/equipment as load
natural ground, rock			2		2		1		2	2	2	2				1	1	3	1		1			20	natural ground, rock
standing tree			1							1	1		1				1				1			6	standing tree
water					1				1		1		2											5	water
abnormal environment														1										1	abnormal environment
high/cold temperature environment			1																					30	high/cold temperature environment
other environments			9		3		5	2	2	3	3	7	4	4	3	8	4	2	4	1	1	5	4	74	other environments
other causal agent			8		2		1	7	1	1	2	4	3	2	1	1	10	1	5	1	2	2	22	76	other causal agent
no causal agent			8		16		18	10	10	18	12	12	11	13	16	9	9	10	11	17	14	22	16	252	no causal agent
unclassifiable			2		1		4	1	1		1			1	1	1	2							15	unclassifiable
total			458		487		574	536	464	448	344	368	363	341	366	347	338	347	321	353	311	316	345	7,427	total

Workers age of fatal and non-fatal accidents in other land cargo 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	6	5	5	3	5	5	3	5	4	6	4	2	3	5	5	2	3	3	5	1	2	2	4	88	19 years old or less
20-29	111	133	87	76	61	79	47	76	73	58	29	40	35	30	30	40	31	26	25	27	24	25	37	1,200	20-29
30-39	110	140	124	113	160	155	172	154	120	108	89	100	89	69	70	57	60	64	52	48	39	34	55	2,182	30-39
40-49	97	83	99	88	112	112	147	114	88	132	90	95	116	119	111	121	113	106	109	121	97	79	82	2,431	40-49
50-59	87	109	111	89	120	122	152	137	129	96	88	80	73	74	94	81	83	100	84	92	87	101	93	2,282	50-59
60 years old or more	21	23	32	24	29	34	53	50	50	48	44	51	47	44	56	46	48	48	46	64	62	75	74	1,069	60 years old or more
total	432	493	458	393	487	507	574	536	464	448	344	368	363	341	366	347	338	347	321	353	311	316	345	9,252	total

Workers' number of workplace of fatal and non-fatal accidents in other land cargo 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	72	91	81	66	71	98	112	97	69	84	63	60	54	61	62	55	61	61	54	59	54	65	48	1,598	9 workers or less
10-29	176	208	204	173	192	179	216	189	184	152	133	151	151	136	154	155	150	123	133	152	119	99	129	3,658	10-29
30-49	91	96	87	71	92	104	105	123	90	85	73	72	63	63	78	76	66	88	58	74	76	84	82	1,897	30-49
50-99	61	61	54	47	71	67	78	73	66	61	42	43	61	53	40	31	39	40	35	43	38	38	46	1,188	50-99
100-299	28	37	32	30	58	54	55	37	40	48	32	31	27	27	31	28	21	30	32	23	24	26	33	784	100-299
300 workers or more	4			6	3	5	8	17	15	18	1	11	7	1	1	2	1	5	9	2		4	7	127	300 workers or more
total	432	493	458	393	487	507	574	536	464	448	344	368	363	341	366	347	338	347	321	353	311	316	345	9,252	total

Month of fatal and non-fatal accidents in other land cargo 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	30	34	58	24	46	42	54	49	48	33	30	30	20	33	26	26	28	31	21	37	28	26	26	780	January
February	33	37	36	35	41	47	48	48	35	35	22	27	23	32	28	37	22	36	28	25	24	20	29	748	February
March	37	55	54	38	52	47	62	59	43	44	37	37	39	29	30	39	35	28	41	33	31	30	36	936	March
April	32	41	44	29	39	44	45	49	37	45	30	34	28	32	39	30	24	34	29	36	30	27	24	802	April
May	36	34	29	32	35	32	44	49	44	41	24	25	30	31	32	18	22	23	27	24	20	22	26	700	May
June	40	44	36	24	29	42	45	38	37	39	28	27	26	31	28	40	28	27	17	21	22	27	25	721	June
July	33	50	34	34	44	37	57	37	37	50	29	41	30	24	28	31	38	26	28	36	23	29	24	800	July
August	36	41	29	42	40	49	38	34	31	30	31	30	38	18	32	15	27	26	32	29	30	28	25	731	August
September	45	38	36	23	45	45	42	48	33	43	31	33	35	21	32	29	30	28	28	33	26	28	51	803	September
October	31	37	37	38	34	48	36	36	42	20	32	27	34	33	34	34	29	27	31	26	27	35	27	755	October
November	31	34	35	35	47	34	53	39	40	33	32	27	27	32	27	27	29	33	20	31	23	20	29	738	November
December	48	48	30	39	35	40	50	50	37	35	18	30	33	25	30	21	26	28	19	22	27	24	23	738	December
total	432	493	458	393	487	507	574	536	464	448	344	368	363	341	366	347	338	347	321	353	311	316	345	9,252	total

Prefecture of fatal and non-fatal accidents in other land cargo 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	8	28	8		33		10	21	20	13	11	11	21	14	15	20	11	27	5	10	3	11	8	308	Hokkaido
Aomori		3			2		4	2	3	1		2	3	5	6	2	2	3	5	5	1	3	23	75	Aomori
Iwate	1	1	3				2	1	4	3	3	1						1				1		21	Iwate

Miyagi	16	23	12		7		13	9	3	16	11	15	7	1	2	3	5			5	4	5	3	160	Miyagi
Akita	1	2	1		3			2		2	1	3			1	1	1	2		3	2	1	4	30	Akita
Yamagata	1	1	1		2			1			3		1			1		1		3	1			16	Yamagata
Fukushima	4	11	10		4		2	3	3	4	1		2	7	7	8	4	6	4	10	7	9	6	112	Fukushima
Ibaraki	3	3	4		12		9	3	1	5	10	7	7	7	9	7	12	7	13	6	7	10	7	149	Ibaraki
Tochigi	5	3	10		9		11	5	11	4	5	9	7	6	11	7	5	16	14	15	17	13	11	194	Tochigi
Gunma	60	39	55		25		20	16	16	6	5	10	16	15	24	24	15	13	16	9	13	7	3	407	Gunma
Saitama	12	16	27		17		22	15	22	33	12	11	12	16	10	7	9	15	10	17	15	18	20	336	Saitama
Chiba	3	17	14		21		29	11	7	10	1	7	16	7	7	12	22	16	17	18	23	20	11	289	Chiba
Tokyo	16	14	13		19		15	18	19	16	15	16	10	13	14	14	21	22	18	16	18	12	26	345	Tokyo
Kanagawa	26	38	42		20		22	19	12	18	12	26	16	16	26	12	19	21	4	9	13	13	11	395	Kanagawa
Niigata	14	5	3		2		10	6	3	3	3		4	2	1	2	2	1	3	2	2	2	2	72	Niigata
Toyama	3	1	5		40		25	9	23	4	13	15	18	9	8	8	6	4	3	9	7	13	14	237	Toyama
Ishikawa	1				4			1		1	1	2	2	3			1			1	1		4	22	Ishikawa
Fukui	2	7							1					1	2						2		1	16	Fukui
Yamanashi							2	3	2	1	4	1	4		3			1	3	1	2	1	2	30	Yamanashi
Nagano	3	3	3		4		7	5	2	2	6	5	3	9	2	7	1	1	1	6	12		5	87	Nagano
Gifu	5	8	4		3		8	4	7	4	5	4	4	5	2	4	4	3	5	5	3	2	3	92	Gifu
Shizuoka	8	5	5		17		24	12	7	19	9	9	11	12	13	12	10	2	15	8	5	10	5	218	Shizuoka
Aichi	57	57	65		62		44	61	52	51	52	32	36	42	51	42	34	26	34	35	28	36	34	931	Aichi
Mie		1	2		5		13	16	12	17	12	15	14	15	13	11	4	5	2	3	8	7	8	183	Mie
Shiga	6	4	5		3		4	11	10	7	5	12	4	1	15	3	13	13	6	8	4	5	3	142	Shiga
Kyoto	2	3	16		17		19	21	10	6	2	9	13	3	4	3	4	3	7	2	3	4	6	157	Kyoto

Osaka	45	38	29		25		80	99	52	70	20	29	16	32	18	28	23	25	26	22	25	23	27	752	Osaka
Hyogo	3	19	15		14		18	26	15	10	6	15	20	17	16	19	11	9	13	9	16	16	16	303	Hyogo
Nara					2		1	1			2	1	1						1	3		1		13	Nara
Wakayama	4	1	1				3	1	2	2	2	2	1	4	6	7	5	2	2	2	3	1	3	54	Wakayama
Tottori	1	5	3		2		1	2	7	3	5	1	1	1		2	1	2	1	1		2	2	43	Tottori
Shimane		1			2		3	2	1			4		2		1		1					2	19	Shimane
Okayama	26	26	20		9		16	10	14	12	8	4	10	6	6	10	6	9	4	1	3	3	10	213	Okayama
Hiroshima	35	27	13		12		32	17	19	25	20	19	25	12	15	13	24	18	23	29	12	7	11	408	Hiroshima
Yamaguchi	7	3	6		9		5	11	8	8	11	9	9	9	5	2	3	3	2	5	5	2	4	126	Yamaguchi
Tokushima	10	18	13		13		6	8	21	10	5	6	3	2	4	7	8	5	2		5		2	148	Tokushima
Kagawa	8	13	17		12		7	9	5	9	5	6		4	6	11	1	4	3	8	3	4	1	136	Kagawa
Ehime	2	5	7		2		5	2	3	2	2	2		2	1			1		2	3	3	1	45	Ehime
Kochi	2	1			6		19	20	10	3			2	1		2	2				1			69	Kochi
Fukuoka	11	10	9		7		15	16	14	14	16	11	10	16	13	13	12	13	32	19	4	8	9	272	Fukuoka
Saga	5	14	3		6		8	10	6	2	7	9	5	8	1	5	3	6	3	15	11	7	11	145	Saga
Nagasaki	3	4			1		4	2	7	2	3	2	3		2		3	2	6	3	1	2	1	51	Nagasaki
Kumamoto	2	1	3		9		5	4	7	9	10	9	9	5	9	6	7	9	4	12	8	13	6	147	Kumamoto
Oita	1	2	1				5	1	1		1		3					4	1	1		3	4	28	Oita
Miyazaki	9	11	4		22		20	16	15	12	11	12	11	5	11	11	17	19	9	10	8	11	8	252	Miyazaki
Kagoshima		1	2		1		3	2	5	8	6	3	1	3	6		5	3	3	3	1	5	4	65	Kagoshima
Okinawa	1		4		2		3	2	2	1	2	2	2	3	1		2	3	1	2	1	2	3	39	Okinawa
total	432	493	458		487		574	536	464	448	344	368	363	341	366	347	338	347	321	353	311	316	345	8,352	total

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																								explosion
burst																								burst
fire																								fire
traffic accident (public road)	5	4	4	5	9	3	6	1			2	2	2		1	2	2		1	1	1		51	traffic accident (public road)
traffic accident (others)																								traffic accident (others)
reaction to motion/improper motion																								reaction to motion/improper motion
others						1		2		2						1	1		1	1			9	others
unclassifiable																								unclassifiable
total	5	5	5	5	12	9	7	5	2	3	3	3	4		1	5	4		6	3	1		88	total

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																								building, establishment
other temporary buildings, establishments																								other temporary buildings, establishments
explosive substance																								explosive substance
inflammable substance																								inflammable substance

no causal agent								2		2						1	1		1	1					8	no causal agent
unclassifiable																										unclassifiable
total	5	5	5	5	12	9	7	5	2	3	3	3	4		1	5	4		6	3	1				88	total

Workers age of fatal accidents in other land cargo 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																										19 years old or less
20-29		3			1	2	1	1	1				1						1						11	20-29
30-39	2	1	1	1	4	2	3	1		1	1	1							2						20	30-39
40-49	2		1		2	1		2		1	1	1				2	3		3	2	1				22	40-49
50-59	1	1	2	3	4	1	2	1		1	1		1			2				1					21	50-59
60 years old or more			1	1	1	3	1		1			1	2		1	1	1								14	60 years old or more
total	5	5	5	5	12	9	7	5	2	3	3	3	4		1	5	4		6	3	1				88	total

Workers' number of workplace of fatal accidents in other land cargo 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	3	2	2	1	3	2	3	1	1	1	2	3	1		1	1	1		2						30	9 workers or less
10-29	2	2	2	2	3	5	2	3	1	1	1		2			3	2		3	2					36	10-29
30-49				1	4	2	2						1						1		1				12	30-49
50-99		1		1	2											1				1					6	50-99

100-299			1					1		1														3	100-299	
300 workers or more																	1								1	300 workers or more
total	5	5	5	5	12	9	7	5	2	3	3	3	4		1	5	4		6	3	1			88	total	

Month of fatal accidents in other land cargo 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	2				1						1								1						5	January
February		1			2						1	1					1								6	February
March		1	2	1	3			1	1			1	1						1						12	March
April			1		1	1	1									1	1		1						7	April
May		1	1	1	2	1		1		1						2									10	May
June		1					2	1		1							1								6	June
July			1	1			1			1	1	1							1	1	1				9	July
August				1	2	1	2						1							1	1				9	August
September	2					1		1	1																5	September
October						2									1	1			1						5	October
November	1			1	1			1					1								1				6	November
December		1				3	1						1			1	1								8	December
total	5	5	5	5	12	9	7	5	2	3	3	3	4		1	5	4		6	3	1			88	total	

Prefecture of fatal accidents in other land cargo transportation service in 1999-2021

Miyazaki					1																								1	Miyazaki
Kagoshima														1															1	Kagoshima
Okinawa																														Okinawa
total	5	5	5	5	12	9	7	5	2	3	3	3	4		1	5	4		6	3	1							88	total	

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

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