

Fatal and non-fatal accidents in specific truck transportation service in Japan in 1999-2021

specific truck transportation service industry Code No.040302

Type of accidents in specific truck 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	219	184	150	163	178	146	148	157	142	116	96	122	99	104	127	140	111	102	97	106	108	124	128	3,067	fall from height	
falling to same level	76	70	68	62	67	59	64	62	71	54	45	56	61	67	63	63	51	67	57	61	51	65	64	1,424	falling to same level	
crash	79	52	43	47	57	43	31	41	33	36	29	31	22	37	32	28	24	25	30	37	44	41	39	881	crash	
struck by flying or falling object	48	35	36	31	42	27	28	26	21	28	18	15	24	24	25	20	11	22	23	17	18	18	16	573	struck by flying or falling object	
collapse	17	14	11	7	19	13	15	12	11	10	9	9	10	9	11	8	15	10	10	9	6	8	8	251	collapse	
crashed by	27	27	20	34	36	12	29	27	23	22	13	14	19	8	10	16	18	24	12	17	28	18	17	471	crashed by	
caught in/between	94	84	76	76	73	73	70	67	61	68	39	50	43	51	53	49	46	37	41	42	42	39	36	1,310	caught in/between	
cut	8	12	6	10	9	10	7	9	6	5	7	6	1	2	7	4	5	3	4	7	3	9	9	149	cut	
injury to the sole of the foot	1	1	2	2	1			2					1		3								1	1	15	injury to the sole of the foot
drown				1									5												6	drown
contact to high/low-temperature	8	2	2		1	3	6	3	2	1	5	2	6	5	2	2	3	2	4	9	5	3	2		78	contact to high/low-temperature













machine																								machine	
food manufacturing machine			1															1						2	food manufacturing machine
printing machine									1															1	printing machine
industrial robot																									industrial robot
other general power machines			2		4		3	5	1		1		1	2	3	1	2		4	2	2		1	34	other general power machines
felling machine																							1	1	felling machine
mobile logging machine																									mobile logging machine
skyline yarding machine																									skyline yarding machine
other mobile silviculture machine																									other mobile silviculture machine
crane			4		2		8	3	3	4		2	2	3		2	7	2		2	1		7	52	crane
mobile crane			5		2		7	5	5	5	6	5	3	2	2	5	2	4	6	3	4	7	3	81	mobile crane
derrick crane																									derrick crane
elevator, lift					4			1	1	1				1	1	1	1			1			1	13	elevator, lift
cargo lifting appliance									1									1						2	cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway



simple skyline yarding equipment																								simple skyline yarding equipment	
other powered crane			2		1		2	2						1	2		1					1	12	other powered crane	
truck			207		236		207	194	167	164	118	143	122	134	161	165	141	135	116	145	145	168	164	3,032	truck
forklift			22		31		19	18	20	17	13	17	20	11	17	14	16	10	18	14	14	11	14	316	forklift
railway equipment											1												1	railway equipment	
conveyor			3		3		2	4	5	3	1	1	1	4	2		1		2	2	1	1		36	conveyor
loader												2					2							4	loader
straddle carrier																						1		1	straddle carrier
rough terrain hauler									1			1												2	rough terrain hauler
other powered conveying machines			4		6		2	3	2	3	2	3	4	4	6	3	3	2	7	2	1	1	1	59	other powered conveying machines
cars, bus, motorcycle			15		22		11	24	26	22	9	8	16	27	15	15	7	21	20	20	14	7	7	306	cars, bus, motorcycle
railway vehicle																						1	1	railway vehicle	
other vehicles			1		1		1	1	2			1				1				2	1	1		12	other vehicles
boiler																									boiler
pressure vessel																									pressure vessel
other pressure vessels			1		1		1	2			3	2			1					1	1			13	other pressure vessels
chemical facilities								1																1	chemical facilities
gas welding																	1				1			2	gas welding



facilities			8		6		5	9	3	9	9	4	5	4	9	4	5	3	6	3	12	7	5	116	facilities	
scaffolding									1	2			2				1						1	2	9	scaffolding
timbering																										timbering
stairs, landing stage			10		10		12	15	16	11	11	14	15	7	10	10	8	12	11	9	15	10	11	217	stairs, landing stage	
opening						1	2	2					2	1				1			1				10	opening
roof, beam, haze, crossbeam, principal rafter			1		2								1	2											6	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			14		12		10	15	15	10	9	11	8	9	9	8	6	5	3	7	6	5	9	171	working platform, boot board	
passage			26		21		21	30	26	22	18	32	25	28	20	30	21	23	29	32	42	31	33	510	passage	
building, establishment			16		16		13	21	12	15	9	12	11	14	12	13	10	14	6	9	6	11	8	228	building, establishment	
other temporary buildings, establishments			10		21		9	13	8	7	5	10	5	10	8	7	6	7	7	11	11	14	9	178	other temporary buildings, establishments	
explosive substance																										explosive substance
inflammable substance					2		2								1	1					1				7	inflammable substance
inflammable gas							1					1		2							1				5	inflammable gas
harmful substance					3		2	1	1	1	2	1	3						1	1	1	2			19	harmful substance
radiation																										radiation
other hazards, harmful substances					1					1						1			2	1			1	7	other hazards, harmful substances	

metal material			10		17		17	13	9	4	8	4	3	6	6	9	5	4	3	9	5	8	3	143	metal material	
lumber, bamboo			7		13		7	6	8	5	6	3	6	2	4	4	3	2	5	5	2	7	3	98	lumber, bamboo	
stone, sand, substance			5		1		1		1	1	2	2	1	1	3		1		2		2		1	24	stone, sand, substance	
other materials			4		6		4	5	6	1	3	4	1	3	3	2		5	2	4	3	3		59	other materials	
load			78		86		67	46	53	41	43	39	36	41	42	55	46	37	28	33	27	33	39	870	load	
machine/equipment as load			6		4		6	2	4	3	2	6	4	7	3	9	7	1	3	1	3	3		74	machine/equipment as load	
natural ground, rock			3		3			1	4	1	1	2	2		1	1	2	1					3	25	natural ground, rock	
standing tree											1		1	2						1			1	6	standing tree	
water			2				1	1		1			9	1	1		1				2		1	20	water	
abnormal environment																										abnormal environment
high/cold temperature environment			4		1			2		1	3		4	2	1	2	1	1	2	5	4	2	2	37	high/cold temperature environment	
other environments			6		5		9	13	4	5	2	6	3	4	5	9	2	11	9	6	2	4	4	109	other environments	
other causal agent			3		7		4	5	3	3		2		2	5	2	2	1	7	7	3	1	6	63	other causal agent	
no causal agent			12		17		16	15	7	16	14	18	27	21	16	16	18	14	21	19	20	27	23	337	no causal agent	
unclassifiable							2	4				3		1		1	1			1			1	14	unclassifiable	
total			544		650		524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	8,307	total	

Workers age of fatal and non-fatal accidents in specific truck 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	2	2	2	4	5	2	2	1	2	2	1	2	3	4	1	3	2	1	4	3	2	3	6	59	19 years old or less
20-29	147	111	96	79	96	55	54	49	42	42	23	36	27	28	40	21	22	26	36	31	18	15	29	1,123	20-29
30-39	204	173	144	165	170	128	151	166	131	103	78	81	72	79	88	85	58	52	57	48	50	67	56	2,406	30-39
40-49	175	125	115	101	134	123	128	137	120	106	101	133	134	125	116	146	134	113	105	131	124	132	102	2,860	40-49
50-59	184	174	151	180	188	143	138	129	122	116	86	96	95	106	111	112	89	107	106	128	128	122	144	2,955	50-59
60 years old or more	43	44	36	53	57	46	51	49	56	77	48	54	54	61	67	65	70	69	63	57	76	90	81	1,367	60 years old or more
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	10,770	total

Workers' number of workplace of fatal and non-fatal accidents in specific truck 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	113	92	105	100	115	82	86	83	73	59	40	61	59	51	51	44	47	39	51	42	33	32	43	1,501	9 workers or less
10-29	280	229	186	198	224	169	164	170	154	142	104	135	126	125	130	147	119	127	137	114	110	150	133	3,573	10-29
30-49	169	140	111	123	142	103	89	107	91	87	79	96	71	82	95	102	78	83	71	100	90	96	98	2,303	30-49
50-99	99	98	86	100	87	77	92	101	76	61	67	58	81	68	82	79	83	80	68	94	109	77	96	1,919	50-99
100-299	85	61	51	57	80	64	87	63	59	80	41	43	36	57	57	57	43	35	39	43	47	69	47	1,301	100-299
300 workers or more	9	9	5	4	2	2	6	7	20	17	6	9	12	20	8	3	5	4	5	5	9	5	1	173	300 workers or more
total	755	629	544	582	650	497	524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	10,770	total



Iwate	3	1	2		1		1	3	1	1		3	4	1			1	1	1	5	3	6	2	40	Iwate
Miyagi	7	12	8		7		9	14	6	10	5	9	13	13	10	9	3	5	3	2	3	2	7	157	Miyagi
Akita	11	11	15		4		3	5	8	5	7	4		1	5		4	3	1		1		2	90	Akita
Yamagata	6	3	4		4		2	2							1	3	1	1	1	1			1	30	Yamagata
Fukushima	4	7	4		6		7	4	7	13	6	5	4	2	7	6	6	3	5	5	9	9	12	131	Fukushima
Ibaraki	10	8	14		15		12	9	12	5	8	8	8	8	9	14	7	8	15	15	13	19	12	229	Ibaraki
Tochigi	7	7	4		5		10	5	8	15	4	6	5	10	4	11	2	3	5	5	2	6	4	128	Tochigi
Gunma	3	5	11		10		6	10	7	3	3	2	5	7	4	6	3	5	6	13	5	7	2	123	Gunma
Saitama	43	35	17		33		13	17	18	27	15	20	20	20	17	15	7	11	11	18	14	17	13	401	Saitama
Chiba	26	24	15		22		20	12	13	17	21	21	13	24	15	12	10	18	9	8	11	15	17	343	Chiba
Tokyo	55	40	46		132		93	106	85	74	61	70	57	47	62	47	47	51	45	29	28	16	18	1,209	Tokyo
Kanagawa	45	56	43		35		30	28	31	28	16	37	19	25	17	22	29	15	15	22	17	26	29	585	Kanagawa
Niigata	3	6	1		3		1	3	6	3	4	4	1	3	3	2		1	2	2	3	3	3	57	Niigata
Toyama	7	3	3		2		6	4	3	2	3	6	8	4	1	3	3		1	5	5	3	2	74	Toyama
Ishikawa	1	2	4		8			2	4	2		3		1	3	6	7	3		4	2	8	4	64	Ishikawa
Fukui	7	3	5		7		5	3	2		1	6	9	3	3	4	6	4	2	3	2	1		76	Fukui
Yamanashi	1						3	1	3	1		3		1	1	1		1	1	2	1	1		21	Yamanashi
Nagano	9	9	18		8		8	10	9	5	6	13	6	6	6	3	10	2	8	6	8	11	8	169	Nagano
Gifu	23	24	21		5		11	10	10	14	6	10	10	9	10	7	7	9	4	2	4	4	5	205	Gifu
Shizuoka	17	17	7		15		8	11	8	14	11	9	11	11	10	12	14	8	10	12	13	11	8	237	Shizuoka
Aichi	44	43	35		49		34	50	40	46	28	23	40	37	40	50	45	36	38	41	39	57	42	857	Aichi
Mie	103	40	4		5		9	4	2	2	2	6	11	3	3	9	5	6	3	5	3	7	10	242	Mie
Shiga	10	8	11		5		6	3	6	5	2	4	3	6	5	6	5	2	2	1	2	2	4	98	Shiga

Kyoto	14	5	8		7		6	14	8	4	8	12	7	10	11	13	14	10	13	18	21	16	25	244	Kyoto
Osaka	141	108	84		99		79	58	28	17	17	25	23	39	41	46	32	27	31	34	29	29	17	1,004	Osaka
Hyogo	21	19	28		43		24	18	19	19	13	11	17	9	20	16	8	7	10	13	10	7	14	346	Hyogo
Nara	7	1	5		4		1		2	3	2	3	5	6	13	12	4	7	4	3	6	4	7	99	Nara
Wakayama	5	7	20		6		9	5	7	6	9	9	8	3	1	4	4	6	8	8	8	2	5	140	Wakayama
Tottori	5	7	1		3		3	4	3	5	2			3	2		1	2	5	3	1	2	2	54	Tottori
Shimane	2	8					2	1			1	1	1				1		1	1		1	1	21	Shimane
Okayama	5	13	8		5		8	2	4	5	5	4	2	1	1	2	3	1	6	6	6	2	5	94	Okayama
Hiroshima	27	15	18		12		18	8	19	12	7	7	13	9	9	7	6	9	2	8	5	6	6	223	Hiroshima
Yamaguchi	13	9	7		8		4	4	3		6	4	5	5	4	3	6	4	5	5	6	5	5	111	Yamaguchi
Tokushima	6	7	3		5		1	4	5	6	3	1	4	3	4			4		2	2	2	5	67	Tokushima
Kagawa	4	11	11		5		12	7	6	2	1	3	4	6	5	4	3	16	5	4	7	8	10	134	Kagawa
Ehime	4	2	6		11		3	18	10	4	6	7	5	9	5	4	3	7	5	4	8	4	4	129	Ehime
Kochi	3	2	2		2		3	5	3		1	1		3	13	3	10	6	4	5	3	2	7	78	Kochi
Fukuoka	12	22	17		25		20	27	24	34	27	21	17	28	27	29	25	21	43	48	66	70	68	671	Fukuoka
Saga	3	3	2		1			3	3		1	1		2	1	1		1	1	2	3		1	29	Saga
Nagasaki	7	2	1		6		2	1	1		1	4	2	4	7	1		3	1	2	3	6	4	58	Nagasaki
Kumamoto	3	2	6		4		8	6	8	10	3	3	6	3	4	7	5	7	9	11	4	9	5	123	Kumamoto
Oita	7	4	5		4		7	6	10	8	5	5	5	4	2	7	12	7	15	4	8	3	13	141	Oita
Miyazaki	5	3	4		2		4	3	5	2		2	3	1	2	4	3	2	1		2	2	2	52	Miyazaki
Kagoshima	6	4	5				3	6	4	4	3	2	2	2	4	6	1	6	3	1	2	4		68	Kagoshima
Okinawa	1							1	1			1			2		1					2	3	12	Okinawa
total	755	629	544		650		524	531	473	446	337	402	385	403	423	432	375	368	371	398	398	429	418	9,691	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: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm> (MHLW, Japan)

Return to [https://www.jisha.or.jp/english/statistics/2021e\\_industry.html](https://www.jisha.or.jp/english/statistics/2021e_industry.html)

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Fatal accidents in specific truck transportation service in Japan in 1999-2021

specific truck transportation service industry Code No.040302

Type of fatal accidents in specific truck 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	2	5	1			2		1	2	1		2						1	1	1			20	fall from height
falling to same level					1				1										1					3	falling to same level
crash																									crash
struck by flying or falling object		1			2	1				2									1		1			8	struck by flying or falling object
collapse						1					1												1	3	collapse
crashed by	1			1				1			1		1											5	crashed by
caught in/between		2		1	1	1	2	1		1									1		1	1	1	13	caught in/between

cut																									cut
injury to the sole of the foot																									injury to the sole of the foot
drown			1								5												6	drown	
contact to high/low-temperature											1					1			2				4	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)	5	9	7	1	8	7	2	3	2			2	3	2		1	1	1	1	1		2	1	59	traffic accident (public road)
traffic accident (others)																									traffic accident (others)
reaction to motion/improper motion																									reaction to motion/improper motion
others			1		1		1		2				3							1				9	others
unclassifiable											1													1	unclassifiable
total	7	14	13	5	13	10	7	6	6	5	5	2	14	2		1	2	1	5	5	3	3	3	132	total

Causal agents (large) of fatal accidents in specific truck 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		1	2	2	1		1			1									1					9	machine	
crane, conveying machine	6	11	11	3	10	10	5	5	3		2	2	4	2		1	1	1	3	3		3	2	88	crane, conveying machine	
other equipment									1												1			2	other equipment	
temporary buildings, establishments										1			2												3	temporary buildings, establishments
substance, material		2						1		1										1	1			6	substance, material	
load	1				1					2	1								1		1		1	8	load	
environment											1		8				1								10	environment
others					1		1		2		1									1				6	others	
total	7	14	13	5	13	10	7	6	6	5	5	2	14	2		1	2	1	5	5	3	3	3	132	total	

Causal agents (middle) of fatal accidents in specific truck 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)
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unclassifiable											1													1	unclassifiable
total	7	14	13	5	13	10	7	6	6	5	5	2	14	2		1	2	1	5	5	3	3	3	132	total

Causal agents (small) of fatal accidents in specific truck 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																									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																									other woodworking

















30-49	3	4	3	1	2	2		1	1		1	1	2							1		1		23	30-49
50-99		2	1		1	1		1			1						1				1	1		10	50-99
100-299					2	1	1	1	1															6	100-299
300 workers or more																				1				1	300 workers or more
total	7	14	13	5	13	10	7	6	6	5	5	2	14	2		1	2	1	5	5	3	3	3	132	total

Month of fatal accidents in specific truck 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		2	2	1			1												11	January
February		2	1	1	2	1		1	2	1	2		1	1									1	16	February
March		1	4		1	2		1					9		1			1		1				21	March
April			1		2	2	1			1	1		1											9	April
May		1			1				1		1		2						1	1		1	1	10	May
June	2	3		1	2	2		1		1			1	1				1						15	June
July		1	1	1		1	1					1									1	1		8	July
August	1		1		1				2		1						1			2		1		10	August
September		2		1		1	1																	5	September
October	1	4	2		1					1							1						1	11	October
November	1		1		1	1													1	1				6	November
December			1		1		2	1		1									2	1	1			10	December
total	7	14	13	5	13	10	7	6	6	5	5	2	14	2		1	2	1	5	5	3	3	3	132	total

Prefecture of fatal accidents in specific truck 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		2			2		2	1														1		8	Hokkaido
Aomori			1							1														2	Aomori
Iwate													3											3	Iwate
Miyagi													5										1	6	Miyagi
Akita		1																						1	Akita
Yamagata																									Yamagata
Fukushima		1	1											1										3	Fukushima
Ibaraki																									Ibaraki
Tochigi	1			1									1											4	Tochigi
Gunma						1	1							1										3	Gunma
Saitama	1		1	1	1																			4	Saitama
Chiba					2	1		1			1		1										1	7	Chiba
Tokyo		2			1						2									1				6	Tokyo
Kanagawa		1							2				1				1							5	Kanagawa
Niigata			1																		1			2	Niigata
Toyama						1				1														2	Toyama
Ishikawa																		1						1	Ishikawa
Fukui					1			1																2	Fukui
Yamanashi												1												1	Yamanashi





