

Fatal and non-fatal accidents in other transportation service in Japan in 1999-2022

other transportation service industry Code No.040409

Type of accidents in other transportation service in 1999-2022

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	2022	total
fall from height	17	11	11	11	21	26	17	20	9	31	18	7	13	16	16	24	19	14	16	10	13	16	18	11	385
falling to same level	13	10	13	8	22	14	13	21	14	14	10	17	21	14	11	10	15	16	20	22	22	12	10	20	362
crash	5	5	6	7	7	4	5	8	9	2	3	3	3	2	4	6	3	1	4	8	7	6	6	6	120
struck by flying or falling object	3	1	6	1	3	5	3	1	2		2	5		1	2	2	3	5	2	3	2	6	2	1	61
collapse		1			2	3			3	2	1	1			1	3	1	1	1		4			3	27
crashed by		6	2	2	1	1	2	2	9	8	3	10	4	5	3	5	3	2	3	1	4	5	5	7	93
caught in/between	11	18	10	12	15	11	10	9	9	10	9	4	5	10	6	7	11	6	7	6	3	8	11	7	215
cut	3	2		3	2		2	6	2		2	1	5		1	3		1	3	1			2		39
injury to the sole of the foot		1																1							2
drown																									
contact to high/low-				1		1	1										1	1	2	2			1	1	11

temperature																									
contact to harmful substance							1			1															2
electric shock										1					1										2
explosion																									
burst									1																1
fire																							1	1	
traffic accident (public road)	6	6	9	10	11	10	7	8	10	4	5	13	17	11	13	12	15	14	1	4	12	4	6	6	214
traffic accident (others)	1			1		2			2		1											1	1		9
reaction to motion/improper motion	9	7	10	14	2	11	5	8	7	6	9	11	17	7	14	19	6	10	17	18	12	9	10	13	251
others	2		1		1		3			1	2			1		1				1	1			1	15
unclassifiable	1		1								1	1			1										5
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Causal agents (large) of fatal and non-fatal accidents in other transportation service in 1999-2022

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	2022	total
machine	1	2	1	1	2	2	4	3	4	1	2	1	3	3	3	1	2	1	1	2	1	1	1	3	46

crane, conveying machine	26	31	26	34	34	31	32	39	39	32	25	34	36	27	32	38	29	28	15	18	28	24	25	26	709
other equipment	5	7	9	15	7	16	7	9	10	15	9	7	9	4	8	15	11	7	7	12	8	11	13	9	230
temporary buildings, establishments	19	12	14	9	25	20	16	19	11	17	16	15	16	17	17	13	19	18	31	25	25	21	17	19	431
substance, material	4	6	4	2	7	4	4	2	6	6	3	4	2		5	7	4	3	2	1	3	1	1		81
load	3	8	5	3	7	10	1	4	5	6	3	5	6	4	4	11	5	9	12	6	7	4	5	8	141
environment	2		2	3	2	1	2	4	1	1	2	3	6	5	2	1	3	2	6	7			2	4	61
others	11	2	8	3	3	4	3	3	1	2	6	4	7	7	2	6	4	4	2	5	8	5	8	8	116
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Causal agents (middle) of fatal and non-fatal accidents in other transportation service in 1999-2022

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	2022	total
engine															1										1
power transmission mechanism		1	1		2	1	1			1															7
woodworking machine	1	1					1		1				3						1						8

pressure vessel																									
other pressure vessels																					1			1	
chemical facilities								1																1	
gas welding equipment							1																	1	
arc welding equipment																									
other welding equipment																									
kiln, caldron																						1		1	
industrial dryer																									
other kiln, caldron																									
transmission								1					1											2	
electric power facilities																									
other electrical equipment																									
human power cranes																					1	2	2	1	6
human power hauling equipment			1		2			1		2	2	4	3		2	7		1	2	3			1	2	33

human power																							1	1		
machine				1		2		2	1		1			1	2	1										
hand tool																								11		
ladder			1		3			1	5	2	2	2	1	1	4	4	7	2	2	2	2	2	1	1	45	
slinging tool			1				1		1	1					1		1					1		7		
other tools			5		1		2	3	3	2	1	1	2	2	1	3	1	2	3	4	5	4	7	4	56	
other equipment, facilities			1				3	1	1	5	3		1	1				1		3		1		1	22	
scaffolding																	1							1		
timbering																										
stairs, landing stage			2		5		5	5	1	5	5	4	4	4	9	4	3	2	8	3	3	3	6	4	85	
opening										1	1													2		
roof, beam, haze, crossbeam, principal rafter			1								1				1									3		
working platform, boot board			1		3			6	1	2	1	3	3			2	1	2	7	3	1	6	1	2	45	
passage			9		12		8	2	6	4	4	6	5	7	4	5	7	9	12	12	14	6	7	11	150	
building, establishment					3		3	4	3	2	3	1	1	3	1		5	3	1	4	2	1		1	41	
other temporary buildings,			1		2			2			3	1	1	3	3	3	1	2	2	3	3	5	5	3	1	44

environment																									
high/cold temperature environment					1													1	2	1				1	6
other environments			1		1		2	4			2	3	5	3	1	1	2		4	5			2	3	39
other causal agent			3		1		1	3			1	1		2		1	1	2	1				1		18
no causal agent			4		2		2		1	2	4	1	7	5	2	5	3	2	1	5	8	5	7	7	73
unclassifiable			1								1	2											1	5	
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Workers age of fatal and non-fatal accidents in other transportation service in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less			2	3	2			1		1					2	4	1		2	2		2	1	1	24
20-29	13	14	11	10	10	13	12	16	7	11	8	9	15	8	8	10	9	3	10	7	10	9	11	15	249
30-39	10	11	18	16	21	17	11	16	11	16	14	16	19	15	9	15	12	12	14	10	16	14	11	6	330
40-49	14	11	12	8	18	24	11	18	20	16	12	11	17	16	23	26	20	26	22	16	15	17	17	17	407
50-59	17	23	16	24	20	26	22	25	23	20	17	23	14	12	19	14	18	16	13	24	18	15	15	20	454
60 years old or more	17	9	10	9	16	8	13	7	16	16	15	14	20	16	12	23	17	15	15	17	21	10	17	18	351
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Workers' number of workplace of fatal and non-fatal accidents in other transportation service in 1999-2022

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	2022	total
9 workers or less	17	18	21	8	14	17	15	16	22	19	13	12	20	15	14	24	19	15	8	14	12	14	19	17	383
10-29	19	23	25	19	25	34	24	26	23	23	23	23	21	19	27	33	19	25	16	22	32	21	18	14	554
30-49	7	15	10	15	20	14	9	24	12	10	9	17	15	13	17	14	21	16	16	18	7	9	11	15	334
50-99	7	2	4	12	12	14	12	6	7	17	10	12	10	5	7	11	6	8	9	6	16	6	6	16	221
100-299	12	8	7	8	7	8	9	11	11	9	8	5	10	12	5	5	9	4	13	8	9	13	11	10	212
300 workers or more	9	2	2	8	9	1			2	2	3	4	9	3	3	5	3	4	14	8	4	4	7	5	111
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Month of fatal and non-fatal accidents in other transportation service in 1999-2022

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
January	6	6	10	6	4	7	4	5	6	5	5	7	10	8	4	8	6	4	2	9	3	7	8	5	145
February	6	4	15	5	6	8	4	7	10	8	8	3	6	7	11	10	5	8	7	6	3	10	3	8	168
March	1	4	9	9	6	10	5	7	9	8	6	9	5	5	6	8	5	2	7	7	9	8	5	7	157
April	6	8	4	6	12	5	6	5	3	11	5	8	14	8	3	8	15	4	7	4	10	2	3	11	168
May	3	5	3	6	9	7	5	11	8	6	5	3	8	3	7	6	8	7	9	6	10	6	3	6	150
June	6	4	4	4	8	8	2	9	5	5	3	4	4	2	9	5	8	10	7	4	3	5	4	9	132

July	7	6	4	8	7	9	7	7	2	7	4	6	10	7	4	9	7	6	10	6	11	2	7	9	162
August	10	6	5	4	4	10	6	5	14	5	7	5	5	7	3	10	5	9	6	10	8	2	8	5	159
September	6	6	3	7	6	6	10	8	4	8	7	1	2	7	4	10	3	5	2	10	3	6	4	6	134
October	4	2	3	4	10	6	1	5	7	2	5	10	6	4	10	3	8	9	5	5	5	10	13	4	141
November	10	13	5	7	7	4	7	6	4	8	7	6	8	4	4	8	3	4	8	2	7	3	7	4	146
December	6	4	4	4	8	8	12	8	5	7	4	11	7	5	8	7	4	4	6	7	8	6	7	3	153
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Prefecture of fatal and non-fatal accidents in other transportation service in 1999-2022

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
Hokkaido	1	1	5		1		3	2	2	3	2	7	1	3	2	2	4	6	2	2	1	1	2	1	54
Aomori		2			1			2	1			2					1								9
Iwate							1			1		1				1			1			2		1	8
Miyagi		1						2			3		1	2	4	5	2	5	5	4	1		1	3	39
Akita		3	1				1		1							1							1		8
Yamagata	1		1		2		2	1				1		1	4	1			2	1	3		1		21
Fukushima	2				1		4	2	3	1		1		2	1	2	3	1	3	6	2			1	35
Ibaraki					2			1	2	2		3	6	4	5	3	2	1		3	2		2	3	41
Tochigi			1						1		1	2				1	2	1			1				10
Gunma		4	1		1		2	2		2	1	2	1		2		1				3	1	2	1	26

Saitama	3	5	4		4		5	5	5	5	9	3	5	4	9	4	6	5	1	2	2	4	3	4	97
Chiba	4		1		2		3		3	3	2	1	2	2	1	8	6	2	16	7	4	9	3	4	83
Tokyo	4	11	11		6		8	6	6	7	3	4	8	3	5	3	6	2	7	9	10	10	8	11	148
Kanagawa	3	1	4		3		9	5	7	12	8	8	4	6	8	6	3	5	1	2	3	4	5	4	111
Niigata	1						1	4	1							1	1			3	2			2	16
Toyama	1		1		2		3	1	1	1	1	3	1		2	2	2	1	2	2			2	3	31
Ishikawa	3												1							1		2		2	9
Fukui									1	1			1						1						4
Yamanashi					1			2	2	1			1							1		2	1		11
Nagano	2	2			5		2	3	1		1					1	1	1	1	1	1	2	1		24
Gifu	2	2					2	3	3	1			1	1	1		1								17
Shizuoka	2	1	6		11		1	1	1	1	3	3	3	2				3	3		3		1	1	46
Aichi	5	7	11		4		4	3	7	7	4	1	11	3	2	7	3	2	3	7	9	4	5	4	113
Mie																	1	1	2		1		1		6
Shiga							1		2		2	5	12	4					1	3	1	2			33
Kyoto			1		2		1	2		1	3	2		3		1	1	1	1	1				3	23
Osaka	17	11	9		19		7	13	5	4	7	5	2	5	4	8	5	8	5	3	12	4	8	9	170
Hyogo	5	2			3			5	1	3	2	1	9	8	7	8	6	8	4	1	7	3	6	5	94
Nara	4	2	1				2															5	2	1	17
Wakayama														1		1	1		1	1		1			7
Tottori	1	1	1		1					1	1					1		1		1				1	10

Shimane		1													1		2		1	1					6
Okayama			2					1	1	3	2	1			3		2	2				1			18
Hiroshima		3	2		3				2	1	1	1	1	2		3	1	1				3	1		25
Yamaguchi					1				1	3		1	1	1	3	3	3	1	1	3	1	1	3	2	29
Tokushima	3							3	4	3	1	2	2		1	3	4			1		1			28
Kagawa		1							2	1													1		5
Ehime	1											2													3
Kochi																		1							1
Fukuoka	3	1	1		7		4	11	1	5	5	9	3	7	1	6	1	5	5	5	1	1	1	3	86
Saga			1				1		4	2	1		1	1		2	1	1		1	1		1	1	19
Nagasaki			1		3				2		1		2	1		2	2		2	2	1		3	1	23
Kumamoto	3	3						1	1	3	1		2	1		2	2	3		1	3	1	1	3	31
Oita		1	1		1		1					1												1	6
Miyazaki		2	2		1		1	1	1	2		1			5	3	1							1	21
Kagoshima														1	1		1	1	1	1	2		2	1	11
Okinawa								1	1		2		2			2	1	1	4	2	1	3	3	1	24
total	71	68	69	70	87	88	69	83	77	80	66	73	85	67	73	92	77	72	76	76	80	67	72	77	1,815

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

drown																							
contact to high/low-temperature																							
contact to harmful substance																							
electric shock																							
explosion																							
burst																							
fire																							
traffic accident (public road)	1		1		2	2					1		1	1			1			1			11
traffic accident (others)									1														1
reaction to motion/improper motion																							
others																							
unclassifiable																							
total	1		1	1	1	3	2		1	3		1		1	1			1			1		18

Causal agents (large) of fatal accidents in other transportation service in 1999-2022

environment																								
high/cold temperature environment																								
other environments																								
other causal agent																								
no causal agent																								
unclassifiable																								
total	1		1	1	1	3	2		1	3		1		1	1			1			1			18

Workers age of fatal accidents in other transportation service in 1999-2022

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total
19 years old or less																									
20-29																									
30-39			1			1	1			1					1										5
40-49				1	1	2				2		1					1								8
50-59	1								1					1											3
60 years old or more							1														1				2
total	1		1	1	1	3	2		1	3		1		1	1			1			1			18	

Shimane																								
Okayama																								
Hiroshima				1																				1
Yamaguchi					1																			1
Tokushima																								
Kagawa																								
Ehime																								
Kochi																								
Fukuoka																								
Saga						1										1								2
Nagasaki																								
Kumamoto																								
Oita																								
Miyazaki									1															1
Kagoshima																								
Okinawa																								
total	1		1	1	1	3	2		1	3		1		1	1			1			1			18

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

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html