

Fatal and non-fatal accidents in taxi service in Japan in 1999-2021

taxi service industry Code No.040201

Type of accidents in taxi 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	68	69	67	88	79	68	70	62	77	70	68	84	54	57	73	55	63	75	71	83	95	84	88	1,668	fall from height
falling to same level	226	232	268	203	293	284	320	281	253	306	327	324	342	368	373	396	352	312	328	436	345	314	357	7,240	falling to same level
crash	26	31	29	34	34	37	24	39	40	24	40	34	37	37	27	36	44	50	33	35	42	47	50	830	crash
struck by flying or falling object	9	6	8	4	10	6	4	10	8	8	17	5	11	8	1	8	4	8	4	5	11	1	6	162	struck by flying or falling object
collapse		1	1		2	2		3	2		1			2		1	1	1			1	2		20	collapse
crashed by	31	33	26	35	40	50	44	38	32	35	34	35	31	44	33	28	59	49	43	22	47	47	34	870	crashed by
caught in/between	43	32	44	33	24	28	29	46	36	46	45	39	32	45	41	33	39	38	35	45	32	38	32	855	caught in/between
cut	12	8	15	5	8	8	11	7	4	7	6	6	11	9	4	6	7	7	2	5	2	3	4	157	cut
injury to the sole of the foot	1	2	1	1			1			1	1		2		1					1				12	injury to the sole of the foot
drown	1												10					1						12	drown
contact to high/low-temperature	2	7	6	6	4	11	4	1	7	3	2	6	10	2	3	3	3	3	5	6	4	1	5	104	contact to high/low-temperature
contact to harmful			3		1			7	1							1						1	1	15	contact to harmful

substance																										substance
electric shock					1			1																	2	electric shock
explosion		2		2						1								1							6	explosion
burst	3		1	1			1																		6	burst
fire		1	1	1		1		1				1	1						1		1	1			10	fire
traffic accident (public road)	1,121	1,043	1,014	886	880	846	890	864	789	852	870	867	883	817	934	971	989	979	916	839	730	590	550	20,120	traffic accident (public road)	
traffic accident (others)	7	1	2	4	1	1	4	4	1		1	4	3	3	6	1	9	3	1	5	4	2		67	traffic accident (others)	
reaction to motion/improper motion	135	112	132	109	119	122	127	130	141	175	150	151	150	142	130	168	144	142	181	172	185	149	126	3,292	reaction to motion/improper motion	
others	64	77	76	94	73	68	67	87	89	120	115	102	100	76	64	52	65	77	73	41	61	102	153	1,896	others	
unclassifiable	43	61	37	47	53	39	28	43	36	31	25	17	19	22	28	21	15	28	13	14	4	7	11	642	unclassifiable	
total	1,792	1,718	1,731	1,553	1,622	1,571	1,624	1,624	1,516	1,679	1,702	1,675	1,696	1,632	1,718	1,780	1,794	1,773	1,706	1,710	1,563	1,389	1,418	37,986	total	

Causal agents (large) of fatal and non-fatal accidents in taxi 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	8	1	7	1	3	2	4	3	4	2	4	3	4	2	1	6	3	2	4	2	1	3	1	71	machine
crane, conveying machine	1,226	1,139	1,117	981	979	943	990	973	901	958	982	987	975	933	1,038	1,053	1,109	1,101	1,019	953	847	708	660	22,572	crane, conveying machine
other equipment	37	40	30	44	42	38	39	49	45	39	47	45	57	43	53	56	48	40	46	60	58	66	87	1,109	other

																									equipment
temporary buildings, establishments	245	235	271	227	305	290	302	277	267	323	315	307	310	323	301	321	329	308	317	380	340	306	316	6,915	temporary buildings, establishments
substance, material	3	16	12	5	7	5	5	16	5	8	7	7	13	11	2	4	7	4	2	6	6	5	6	162	substance, material
load	25	24	31	34	28	38	26	42	51	40	57	41	38	41	37	46	38	59	47	62	55	37	19	916	load
environment	56	38	68	37	56	68	74	61	55	68	64	73	99	91	102	127	75	78	74	101	68	55	68	1,656	environment
others	192	225	195	224	202	187	184	203	188	241	226	212	200	188	184	167	185	181	197	146	188	209	261	4,585	others
total	1,792	1,718	1,731	1,553	1,622	1,571	1,624	1,624	1,516	1,679	1,702	1,675	1,696	1,632	1,718	1,780	1,794	1,773	1,706	1,710	1,563	1,389	1,418	37,986	total

Causal agents (middle) of fatal and non-fatal accidents in taxi 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			1			1							1	1		2	1								7	engine
power transmission mechanism	1						1		1		1	1				1	1								7	power transmission mechanism
woodworking machine												1	1				1					1	1		5	woodworking machine
construction machine	1				1	1	1			1								1	1						7	construction machine
metal manufacturing machine	1		2					1			1		1			2			1						9	metal manufacturing machine

general machine	5	1	4	1	2		2	2	3	1	2	1	1	1	1	1		1	2	2	1	2		36	general machine	
mobile silviculture machine																										mobile silviculture machine
crane	3	1		2	2	3		1	1	1	3	2		2	2	1	3	1		3	1	2	1	35	crane	
conveying machine	40	44	36	35	38	37	36	30	24	36	31	30	19	32	23	22	24	33	24	28	24	19	23	688	conveying machine	
vehicle	1,183	1,094	1,081	944	939	903	954	942	876	921	948	955	956	899	1,013	1,030	1,082	1,067	995	922	822	687	636	21,849	vehicle	
pressure vessel				2										1										3	pressure vessel	
chemical facilities																										chemical facilities
welding equipment		1		1						1							1				1			5	welding equipment	
kiln, caldron		1																1						2	kiln, caldron	
electric equipment	1	2											1		1					3	1			9	electric equipment	
human power machine, tools	7	9	9	11	10	11	14	17	11	13	16	15	18	14	8	25	10	10	15	14	13	16	21	307	human power machine, tools	
tools	20	23	12	23	28	20	19	26	27	13	21	24	27	22	26	26	31	20	25	28	36	42	55	594	tools	
other equipments, facilities	9	4	9	7	4	7	6	6	7	12	10	6	11	6	18	5	6	10	5	15	7	8	11	189	other equipments, facilities	
temporary buildings, establishments	245	235	271	227	305	290	302	277	267	323	315	307	310	323	301	321	329	308	317	380	340	306	316	6,915	temporary buildings, establishments	

hazards, harmful substances			4	6	2	2	3		7	2														31	hazards, harmful substances
materials	3	12	6	3	5	2	5	9	3	8	7	5	13	11	2	3	7	4	2	6	5	4	6	131	materials
load	25	24	31	34	28	38	26	42	51	40	57	41	38	41	37	46	38	59	47	62	55	37	19	916	load
natural environment	56	38	68	37	56	68	74	61	55	68	64	73	99	91	102	127	75	78	74	101	68	55	68	1,656	natural environment
other causal agent	67	95	79	92	81	85	86	80	75	100	84	89	88	73	74	55	69	72	66	36	51	92	137	1,826	other causal agent
no causal agent	75	76	81	88	80	73	76	87	78	111	116	105	90	102	91	96	103	93	126	100	134	113	119	2,213	no causal agent
unclassifiable	50	54	35	44	41	29	22	36	35	30	26	18	22	13	19	16	13	16	5	10	3	4	5	546	unclassifiable
total	1,792	1,718	1,731	1,553	1,622	1,571	1,624	1,624	1,516	1,679	1,702	1,675	1,696	1,632	1,718	1,780	1,794	1,773	1,706	1,710	1,563	1,389	1,418	37,986	total

Causal agents (small) of fatal and non-fatal accidents in taxi 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			1										1	1		2	1							6	engine
power transmission mechanism							1		1		1	1				1	1							6	power transmission mechanism
circular sawing machine																	1							1	circular sawing machine
band sawing machine																									band sawing machine
wood planer machine																									wood planer machine

machine																								machine	
other mobile silviculture machine																								other mobile silviculture machine	
crane								1											1				2	crane	
mobile crane										1			1	1		1	1						5	mobile crane	
derrick crane																								derrick crane	
elevator, lift					2					1	2		1	1	1	1			1	1	1	1	13	elevator, lift	
cargo lifting appliance																								cargo lifting appliance	
gondola																								gondola	
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway	
simple skyline yarding equipment																								simple skyline yarding equipment	
other powered crane								1		1	1					1			1		1		6	other powered crane	
truck			36		38		34	28	24	36	29	30	18	32	22	22	24	33	24	25	21	19	21	516	truck
forklift						2	2				1				1					2			1	9	forklift
railway equipment																								railway equipment	
conveyor																								conveyor	
loader																								loader	
straddle carrier																								straddle carrier	
rough terrain hauler																								rough terrain hauler	
other powered												1		1						1	3		1	7	other powered

conveying machines																									conveying machines	
cars, bus, motorcycle			1,077		934		952	940	876	920	946	955	954	896	1,009	1,030	1,077	1,066	989	921	821	685	635	17,683	cars, bus, motorcycle	
railway vehicle													1						1					2	railway vehicle	
other vehicles			4		5		2	2		1	2		1	3	4		5	1	5	1	1	2	1	40	other vehicles	
boiler																									boiler	
pressure vessel																									pressure vessel	
other pressure vessels														1										1	other pressure vessels	
chemical facilities																									chemical facilities	
gas welding equipment																	1							2	gas welding equipment	
arc welding equipment										1														1	arc welding equipment	
other welding equipment																									other welding equipment	
kiln, caldron																									kiln, caldron	
industrial dryer																									industrial dryer	
other kiln, caldron																			1					1	other kiln, caldron	
transmission													1		1						3	1		6	transmission	
electric power facilities																									electric power facilities	
other electrical equipment																									other electrical equipment	
human power			2											1	1	3								1	8	human power

cranes																									cranes
human power hauling equipment			2		5		8	13	8	11	15	14	17	11	6	21	8	9	14	13	11	12	17	215	human power hauling equipment
human power machine			1				1						1									1		4	human power machine
hand tool			4		5		6	3	3	2	1	1	1	1	1	1	2	1	1	1	2	3	3	42	hand tool
ladder			10		16		12	16	15	6	13	13	12	10	11	12	16	10	17	20	17	25	39	290	ladder
slinging tool																									slinging tool
other tools			2		12		7	10	12	7	8	11	15	12	15	14	15	10	8	8	19	17	16	218	other tools
other equipment, facilities			9		4		6	6	7	12	10	6	11	6	18	5	6	10	5	15	7	8	11	162	other equipment, facilities
scaffolding					1		1		1				1											4	scaffolding
timbering																									timbering
stairs, landing stage			54		63		59	53	56	63	52	62	45	56	52	57	42	58	47	56	72	68	58	1,073	stairs, landing stage
opening					4		4		2	1	2	1		1	1		1	3	1	1	1		2	25	opening
roof, beam, haze, crossbeam, principal rafter							1	1					2	1		1		3	1	1	3	1		15	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			25		20		23	25	14	21	21	26	23	23	15	14	10	12	16	30	14	20	10	362	working platform, boot board
passage			122		128		142	120	116	154	145	129	155	170	136	144	151	141	140	179	151	129	158	2,710	passage
building, establishment			49		55		39	51	49	48	50	55	64	34	64	56	64	51	65	59	53	52	57	1,015	building, establishment
other temporary buildings, establishments			21		34		33	27	29	36	45	34	21	37	33	49	61	40	47	54	46	36	31	714	other temporary buildings, establishments

explosive substance																								explosive substance	
inflammable substance			1								1												2	inflammable substance	
inflammable gas			2											1									3	inflammable gas	
harmful substance			2					1															3	harmful substance	
radiation																								radiation	
other hazards, harmful substances			1		2			7	1			1								1	1		14	other hazards, harmful substances	
metal material			4		2		3	2	1	2	2	4	6	5		1	2	2	1	1	1	1	1	41	metal material
lumber, bamboo							1	1	1		1			1		1					1		7	lumber, bamboo	
stone, sand, substance			1		1				1	3	1		1	1				1		2	2		1	15	stone, sand, substance
other materials			1		2		1	6		3	3	1	6	4	2	1	5	1	1	3	1	3	4	48	other materials
load			30		27		24	40	47	39	53	38	37	38	36	44	38	57	46	62	55	33	18	762	load
machine/equipment as load			1		1		2	2	4	1	4	3	1	3	1	2		2	1			4	1	33	machine/equipment as load
natural ground, rock			1		1		3	5	1	1	1	3	1	1	1	1	3		4	5	2	1		35	natural ground, rock
standing tree					1					1	3	1	3		1	1	1			1	2	1	2	18	standing tree
water			2				1	5	3	2		1	23				2	2	1	2		1		45	water
abnormal environment			1								1		1	2	1									6	abnormal environment
high/cold temperature environment			10		1		2		3	3		1	2	1	2	3		1	3	4	2	1	3	42	high/cold temperature environment

other environments			54		53		68	51	48	61	59	67	69	87	97	122	69	75	66	89	62	51	63	1,311	other environments
other causal agent			79		81		86	80	75	100	84	89	88	73	74	55	69	72	66	36	51	92	137	1,487	other causal agent
no causal agent			81		80		76	87	78	111	116	105	90	102	91	96	103	93	126	100	134	113	119	1,901	no causal agent
unclassifiable			35		41		22	36	35	30	26	18	22	13	19	16	13	16	5	10	3	4	5	369	unclassifiable
total			1,731		1,622		1,624	1,624	1,516	1,679	1,702	1,675	1,696	1,632	1,718	1,780	1,794	1,773	1,706	1,710	1,563	1,389	1,418	31,352	total

Workers age of fatal and non-fatal accidents in taxi 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	3	1	2	5	1	4	2	3	1	2	2	1	2		2	4	4	6	1	2		1	1	50	19 years old or less
20-29	62	49	38	38	38	33	26	19	17	15	13	19	19	14	18	11	23	15	26	22	28	35	26	604	20-29
30-39	162	155	140	142	161	160	140	153	132	148	135	132	103	84	90	73	80	89	61	66	64	63	49	2,582	30-39
40-49	414	331	327	300	252	257	254	267	264	277	310	276	300	286	346	334	336	289	260	233	222	199	175	6,509	40-49
50-59	906	940	941	766	851	752	792	753	639	673	605	545	531	505	497	535	575	549	553	534	437	379	396	14,654	50-59
60 years old or more	245	242	283	302	319	365	410	429	463	564	637	702	741	743	765	823	776	825	805	853	812	712	771	13,587	60 years old or more
total	1,792	1,718	1,731	1,553	1,622	1,571	1,624	1,624	1,516	1,679	1,702	1,675	1,696	1,632	1,718	1,780	1,794	1,773	1,706	1,710	1,563	1,389	1,418	37,986	total

Workers' number of workplace of fatal and non-fatal accidents in taxi 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	53	39	26	30	32	37	21	35	33	33	33	45	36	33	24	29	31	28	30	42	28	26	36	760	9 workers or less
10-29	95	86	81	89	79	78	99	75	80	95	84	82	109	95	84	80	80	71	95	93	80	80	99	1,989	10-29
30-49	105	111	117	104	116	101	111	127	114	128	123	117	113	146	128	136	123	112	105	146	121	110	142	2,756	30-49

injury to the sole of the foot																									injury to the sole of the foot
drown	1											10												12	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													1											1	fire
traffic accident (public road)	18	16	14	22	16	16	13	10	14	11	6	6	4	5	7	6	8	4	1	5	6	1	3	212	traffic accident (public road)
traffic accident (others)								1																1	traffic accident (others)
reaction to motion/improper motion																									reaction to motion/improper motion
others	1	3		4	2	1	3		3	2	4	2	13	2		2	2			1		3	11	59	others
unclassifiable	1				1		1	1			1		1	1			1			1				9	unclassifiable
total	21	19	15	27	20	18	18	13	17	17	11	10	33	8	8	8	13	7	1	7	9	4	16	320	total

Causal agents (large) of fatal accidents in taxi 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
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load																									load
natural environment												1	22	1										24	natural environment
other causal agent	1	2		3	1	1	3		3	1	1	1	1	1								2	11	32	other causal agent
no causal agent		1		1						1	3	1				2	2			1		1		13	no causal agent
unclassifiable	1				1	1	1	1			1		2	1			1			1				11	unclassifiable
total	21	19	15	27	20	18	18	13	17	17	11	10	33	8	8	8	13	7	1	7	9	4	16	320	total

Causal agents (small) of fatal accidents in taxi 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																										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

pressure vessel																									pressure vessel
other pressure vessels																									other pressure vessels
chemical facilities																									chemical facilities
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																									human power cranes
human power hauling equipment																									human power hauling equipment
human power machine																									human power machine
hand tool				1																				1	hand tool
ladder														1					1				2		ladder

other hazards, harmful substances																										other hazards, harmful substances
metal material																										metal material
lumber, bamboo																										lumber, bamboo
stone, sand, substance																										stone, sand, substance
other materials																										other materials
load																										load
machine/equipment as load																										machine/equipment as load
natural ground, rock																										natural ground, rock
standing tree																										standing tree
water												21												21	water	
abnormal environment																										abnormal environment
high/cold temperature environment																										high/cold temperature environment
other environments												1	1	1										3	other environments	
other causal agent	1	2		3	1	1	3		3	1	1	1	1	1									2	11	32	other causal agent
no causal agent		1		1						1	3	1				2	2			1			1		13	no causal agent
unclassifiable	1				1	1	1	1			1		2	1			1			1					11	unclassifiable
total	21	19	15	27	20	18	18	13	17	17	11	10	33	8	8	8	13	7	1	7	9	4	16	320	total	

January	1	4		2	1	3	2		2	2	2	1	3		1	2	2	1					3	32	January
February	4	2			2	1	2	2		1	1		1			2	4	1		1		1	1	26	February
March	3	3	1	3	1	1	2	2	3	2	2		22	2	1	1	1	2		2	2		1	57	March
April	2	2	3			3	1		3	2			1			1		1	1		1	1	2	24	April
May	1	1	1	2	3	2	3	1		2		1			1					1		6	25	May	
June	1	1	1	4	2				1	1		3	1	2		1	2	1			1		2	24	June
July	4	2	2	5	2	3	1		4	1	3		1	1						1	1			31	July
August	1		1	2	3	3		1	1	1		2	1		2						1		1	20	August
September			1	2			1	1	2	1		1	3			1	2			1		1		17	September
October	1	1	2	1	2		2	2		1	1			2	1		1			1		1		19	October
November	2	1	3	4	2	1		2			1										1			17	November
December	1	2		2	2	1	4	2	1	3	1	2		1	2		1	1		1	1			28	December
total	21	19	15	27	20	18	18	13	17	17	11	10	33	8	8	8	13	7	1	7	9	4	16	320	total

Prefecture of fatal accidents in taxi 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	4	3	3	2		1	2	3	2		1	1	1		1		2				1	1	1	29	Hokkaido	
Aomori					1												1							2	Aomori	
Iwate		1	1							1		1	11										1	16	Iwate	
Miyagi						3			2			2	11			1								19	Miyagi	
Akita							1										1							2	Akita	
Yamagata																										Yamagata
Fukushima				1					1															2	Fukushima	
Ibaraki		1		1													1	1						4	Ibaraki	

Okayama	1																						1	Okayama	
Hiroshima			1	2		2	1		1				2		1					1			1	12	Hiroshima
Yamaguchi						1			1															2	Yamaguchi
Tokushima				1					1			1											1	4	Tokushima
Kagawa				1	1										1		1							4	Kagawa
Ehime											2													2	Ehime
Kochi									1				1			1		1						4	Kochi
Fukuoka	2			5	4	1	2				2		1				1					1	3	22	Fukuoka
Saga														1										1	Saga
Nagasaki					1											1								2	Nagasaki
Kumamoto		1			1			1	1		1	1	1										1	8	Kumamoto
Oita					2						1	1	1		1									6	Oita
Miyazaki														1								1		2	Miyazaki
Kagoshima	1	1		1	1		1	1		1														7	Kagoshima
Okinawa		1			2			1							1	1					1			7	Okinawa
total	21	19	15	27	20	18	18	13	17	17	11	10	33	8	8	8	13	7	1	7	9	4	16	320	total

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

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