

Fatal and non-fatal accidents in auto mobile retail in Japan in 1999-2021

auto mobile retail industry Code No.080202

Type of accidents in auto mobile retail 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	31	41	34	34	45	49	38	34	55	39	46	47	46	55	61	58	38	57	61	73	67	63	81	1,153	fall from height
falling to same level	30	28	42	36	32	33	51	44	33	46	43	41	49	74	66	59	61	51	65	96	70	73	112	1,235	falling to same level
crash	7	18	10	14	19	11	9	17	22	12	13	12	10	14	13	15	12	20	21	24	11	23	21	348	crash
struck by flying or falling object	23	27	34	20	27	19	22	15	24	32	26	19	22	16	29	21	14	20	11	19	23	14	20	497	struck by flying or falling object
collapse	2	3	3	2		3	6	2	3	2	3	3	5	4	4	5		5	2	1	6	4		68	collapse
crashed by	12	16	16	18	4	15	11	23	14	19	13	14	9	16	11	18	15	11	15	22	17	18	12	339	crashed by
caught in/between	44	49	40	58	43	36	44	39	40	43	54	35	50	45	37	46	37	40	36	56	46	36	64	1,018	caught in/between
cut	14	11	8	12	11	13	16	9	6	12	9	10	10	11	17	7	8	8	10	11	12	13	15	253	cut
injury to the sole of the foot							2		1		2			1		1		1			1			9	injury to the sole of the foot
drown													3											3	drown
contact to high/low-temperature	9	8	6	10	11	9	13	10	5	10	4	10	6	2	9	14	4	8	4	7	7	6	9	181	contact to high/low-temperature













machine																										machine
food manufacturing machine																										food manufacturing machine
printing machine																										printing machine
industrial robot																										industrial robot
other general power machines			7		12		7	9	5	5	8	5	2	5	4	6	1	7	5	7	7	8	8	118	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					1										2									3	crane	
mobile crane			1				1		4	1	1	1	2	1	1	1		1	1				1	17	mobile crane	
derrick crane																										derrick crane
elevator, lift			6		3		7	4	3	3	9	2	4		3	6	7	4	8	12	7	5	12	105	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			2		1		1	3	1	1		4	2	1		1	2		1	4	5	3	2	34	other powered crane
truck			22		28		24	24	35	28	18	30	33	30	27	39	25	42	21	40	34	33	47	580	truck
forklift			3		2		4	2	4	2	4	3	5	4	2		2	1	1	4	3	6	3	55	forklift
railway equipment																									railway equipment
conveyor							1	1	1						1					1				5	conveyor
loader															1									1	loader
straddle carrier											1				1									2	straddle carrier
rough terrain hauler																									rough terrain hauler
other powered conveying machines			2					1		3	1						2	2	3	2	1	2		19	other powered conveying machines
cars, bus, motorcycle			68		69		65	62	63	60	67	56	50	66	69	58	49	57	44	58	47	41	49	1,098	cars, bus, motorcycle
railway vehicle																									railway vehicle
other vehicles			3				1	1		2		2			2					1		1		13	other vehicles
boiler																									boiler
pressure vessel			1		1			1																3	pressure vessel
other pressure vessels					1								1						1				1	4	other pressure vessels
chemical facilities																									chemical facilities
gas welding					1					2					1	1					1			6	gas welding



facilities			4		9		3	8	7	8	7	10	9	9	8	9	2	11	6	19	11	11	17	168	facilities
scaffolding					1		1		1	1		1						2			1		1	9	scaffolding
timbering																									timbering
stairs, landing stage			6		16		12	14	5	9	8	11	11	8	13	11	9	12	11	13	18	17	15	219	stairs, landing stage
opening			2		1		1	1		1	2		1	4	2	3	2			2	1	4	2	29	opening
roof, beam, haze, crossbeam, principal rafter			1				1					1	1	2			1	1	1				4	14	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			9		7		4	6	7	4	7	5	2	7	7	7	11	5	10	5	8	7	9	127	working platform, boot board
passage			17		14		18	17	16	24	11	22	25	38	35	30	25	25	30	42	29	33	50	501	passage
building, establishment			11		9		10	8	8	8	13	11	10	12	12	7	7	10	7	19	14	18	20	214	building, establishment
other temporary buildings, establishments			3		5		5	7	6	5	5	5	4	3	3	5	5	4	4	10	6	13	5	103	other temporary buildings, establishments
explosive substance			1						1			1												3	explosive substance
inflammable substance			4		7		1	2	4	4		2	2		6	3		1	2	2	2		2	44	inflammable substance
inflammable gas					1		1	2	1		2	1						2	1					11	inflammable gas
harmful substance								1		2		1				1	1			1	1	1		9	harmful substance
radiation																									radiation
other hazards, harmful substances					2		2	2	2	1	2		1	1	2	3	2	1	1	2	1	2	2	29	other hazards, harmful substances

metal material			7		9		12	8	9	13	7	9	6	8	12	5	4	14	8	4	5	7	9	156	metal material	
lumber, bamboo													1	2	1		2	1	1		1			9	lumber, bamboo	
stone, sand, substance					1											1								4	stone, sand, substance	
other materials			1		2		2	3	1	5	4	2	3	2	1	4	2	1	2	3	3	2	3	46	other materials	
load			11		7		8	4	11	7	10	12	5	8	7	9	10	10	11	18	10	12	14	184	load	
machine/equipment as load			2		2		7	5	4	5	1	3	2	5	1	2	1	1	3	6	2	1	8	61	machine/equipment as load	
natural ground, rock			1										1		1		1		1					7	natural ground, rock	
standing tree																					1			1	standing tree	
water					1			1					5		1	1							2	11	water	
abnormal environment																										abnormal environment
high/cold temperature environment			1				1	1									1	4	2	3	3	4	7	35	high/cold temperature environment	
other environments			1		3		5	2	2	8	4	4	4	11	7	10	9	8	8	15	10	6	23	140	other environments	
other causal agent			5		8		7	5	1	3	2	2	5	4	1	6	4	3	9	2	5	8	23	103	other causal agent	
no causal agent			8		11		14	8	16	6	19	11	11	17	17	17	21	15	20	25	33	31	27	327	no causal agent	
unclassifiable			1		1		2	3			2	1	1	1	2		1			2		1		18	unclassifiable	
total			265		270		282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	5,739	total	

Workers age of fatal and non-fatal accidents in auto mobile retail 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	7	2	6	3		2	1	2	2	3	1	4	1	2	4	2	4	1	8	2	7	8	78	19 years old or less
20-29	116	131	131	102	107	103	123	105	98	91	88	78	79	91	73	86	72	69	67	93	92	81	113	2,189	20-29
30-39	46	54	54	63	61	66	58	65	65	65	70	69	62	89	72	63	63	64	48	60	44	56	70	1,427	30-39
40-49	33	44	31	34	39	30	44	27	36	59	43	49	52	66	68	77	45	64	69	91	84	72	91	1,248	40-49
50-59	28	27	36	54	43	41	38	45	58	39	44	38	42	45	57	54	43	48	65	81	68	62	85	1,141	50-59
60 years old or more	12	9	11	14	17	15	17	21	18	15	27	20	22	23	36	37	31	50	37	60	52	66	87	697	60 years old or more
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	6,780	total

Workers' number of workplace of fatal and non-fatal accidents in auto mobile retail 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	77	88	73	66	96	86	79	74	77	89	88	60	75	77	83	84	59	79	62	90	65	75	76	1,778	9 workers or less
10-29	98	107	109	119	101	101	113	116	129	95	117	129	117	158	134	151	121	129	134	180	172	148	220	2,998	10-29
30-49	23	31	41	28	25	27	37	16	29	33	37	42	29	38	45	41	42	45	45	53	60	54	68	889	30-49
50-99	18	24	14	19	19	20	27	32	20	27	18	9	22	12	27	25	20	30	23	37	29	43	52	567	50-99
100-299	20	18	20	36	21	14	22	17	14	15	10	9	13	25	15	16	9	11	15	22	12	17	31	402	100-299
300 workers or more	5	4	8	5	8	7	4	9	8	12	5	6	5	5	4	4	5	5	8	11	4	7	7	146	300 workers or more
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	6,780	total

Month of fatal and non-fatal accidents in auto mobile retail 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	15	28	35	21	29	29	20	36	27	25	18	22	25	31	33	30	32	27	39	46	39	33	55	695	January
February	24	17	24	21	23	15	18	29	10	24	30	21	18	29	32	32	26	26	18	36	27	27	29	556	February
March	21	38	28	29	25	22	25	14	26	33	29	23	27	25	24	30	26	28	23	28	24	30	34	612	March
April	19	22	23	24	30	23	22	21	29	31	25	25	24	32	23	17	20	29	27	27	30	29	42	594	April
May	17	19	22	20	22	15	26	20	22	24	23	21	12	26	22	21	13	30	14	32	30	19	32	502	May
June	26	20	14	21	12	17	18	21	24	16	24	17	22	27	29	24	19	21	22	35	36	36	33	534	June
July	21	24	22	34	18	23	33	20	28	17	18	26	24	27	28	27	28	28	25	42	21	28	29	591	July
August	18	22	18	18	27	19	26	20	20	18	18	20	25	30	22	25	15	22	21	28	31	31	34	528	August
September	25	17	16	31	24	23	23	26	21	26	23	15	21	21	25	26	21	27	30	29	19	21	40	550	September
October	25	18	25	16	20	23	27	22	27	15	31	22	24	17	30	36	15	21	22	27	29	35	48	575	October
November	19	23	22	21	19	29	21	17	16	26	23	21	21	19	18	20	22	20	18	39	24	25	42	525	November
December	11	24	16	17	21	17	23	18	27	16	13	22	18	31	22	33	19	20	28	24	32	30	36	518	December
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	6,780	total

Prefecture of fatal and non-fatal accidents in auto mobile retail 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	26	38	32		27		19	23	22	23	27	27	20	30	29	23	22	26	22	33	24	29	40	562	Hokkaido
Aomori	4	3	2		8		3	6	4	7	3	4	3	4	9	3	3	2	4	4	5	5	6	92	Aomori
Iwate	4	7	6		5		4	4	3	2	3	4	5	6	6	9	1	5	6	6	5	5	7	103	Iwate

Miyagi	8		2		1		7	3	9	5	3	3	10	10	1	8	3	9	8	13	10	11	8	132	Miyagi
Akita	5	4	3		5		6	7	1	5	1	5	4	5	6	8	1	1	1	5	2	6	2	83	Akita
Yamagata	7	5	2		5		7	4	2	4	2	1	2	6	8	3	2		2	3	3	2	8	78	Yamagata
Fukushima	5	3			2		5	4	6	10	4	4	9	5	9	9	6	6	3	7	2	8	9	116	Fukushima
Ibaraki	4	5	5		9		5	9	7	3	6	6	3	5	4	6	5	4	6	5	7	7	14	125	Ibaraki
Tochigi	8	7	8		4		3	3	5	9	5	6	5	4	4	4	5	5	7	7	5	6	4	114	Tochigi
Gunma	4	3	6		3		4	8	4	1	7	7	10	10	7	4	5	7	10	7	9	12	8	136	Gunma
Saitama	10	8	10		3		10	6	14	16	11	10	11	18	12	18	8	13	13	18	20	16	14	259	Saitama
Chiba	7	9	11		8		9	8	6	7	15	8	9	17	8	7	8	17	19	19	18	12	18	240	Chiba
Tokyo	10	18	19		17		21	11	11	18	11	13	10	19	10	15	10	15	18	20	19	10	11	306	Tokyo
Kanagawa	10	8	13		11		19	17	13	16	16	25	22	18	20	15	16	15	8	26	22	15	32	357	Kanagawa
Niigata	3	5	5		6		1	11	7	5	7	6	8	14	12	6	11	6	8	16	17	12	12	178	Niigata
Toyama	1	6	3		2		2	1	3		1	2	2	1	3	5	3	1	2	1	2	2	4	47	Toyama
Ishikawa	1	1	3		4		1	2		2	7	2	1	3	2	3		2	6	5	4		5	54	Ishikawa
Fukui	5	3	3		1		3	1	1	3	3	4	2	2	4	6	1	2	1	1	3	3	5	57	Fukui
Yamanashi	1		1		2		1	2	1	2	3	3	2	2	1	6	1	4	1	1	2	2	4	42	Yamanashi
Nagano	6	5	4		7		3	7	10	4	7	3	2	10	8	9	8	9	3	7	9	15	7	143	Nagano
Gifu	3	2	1		7		3	2	4	4	5	6	7	6	4	5	7	3	10	10	10	4	5	108	Gifu
Shizuoka	4	3	8		4		6	10	11	7	12	5	9	6	8	10	6	5	11	14	8	15	22	184	Shizuoka
Aichi	16	19	17		21		18	11	20	17	22	13	21	20	13	19	13	21	17	15	17	12	32	374	Aichi
Mie	5	5	2		7		5	2	2	4	4	8	3	7	3	9	2	8	9	7	9	8	11	120	Mie
Shiga		6	5		2		3	2	4	1	2		1	1	3	5	4	3	3	3	5	1	3	57	Shiga
Kyoto	3	3	4		5		6	6	4	5	7	4	3	10	6	10	4	3	2	6	8	9	7	115	Kyoto

Osaka	11	10	7		8		17	12	20	16	13	10	13	9	13	9	19	19	13	17	7	10	29	282	Osaka
Hyogo	8	6	7		11		13	11	10	10	7	7	6	8	19	14	13	15	6	15	14	12	13	225	Hyogo
Nara	3		1		3		4	2	1	6	3	3	1	1	2	1	1	3	5	1	2	5	3	51	Nara
Wakayama	3	3	1		5		1	3	2	2		3	5		2	5	3	5	4	7	4	1	3	62	Wakayama
Tottori		3	1		2		2	5	2	4	2	2	1	1	3	1		2	2	6		3	1	43	Tottori
Shimane	3		3		5		6	2	2	3			3		5	5	4		1	3	1	2	3	51	Shimane
Okayama	1	6	5		4		6	4	5	3	5	4	1	6	7	1	4	4	5	5		4	8	88	Okayama
Hiroshima	5	12	9		7		12	5	8	7	10	5	7	9	8	3	17	6	6	6	4	8	10	164	Hiroshima
Yamaguchi	10	9	8		7		5	7	6	5	5	4	7	2	7	7	3	7	6	6	10	11	8	140	Yamaguchi
Tokushima	1		1		2				1		2	1		1	2	1	1	2	3	1		1	2	22	Tokushima
Kagawa	1	3	4		2		2	4	1		2	1	1	2	3	1	2	1	1	3	4	4	2	44	Kagawa
Ehime	3	5			2		5	1	4	2	2	2	3	1		1	1	1	5	10	1	4	2	55	Ehime
Kochi	2	3	3		6		4	4		2		2	1	3	1	4	1	1	1	5			1	44	Kochi
Fukuoka	8	15	14		6		9	14	16	9	13	12	8	10	19	8	6	16	7	18	16	16	27	267	Fukuoka
Saga	2	3			4			1	3	4			2	4		3		2	2	5	5	6	2	48	Saga
Nagasaki		1	1		2		2	2	7	4	3	4	4	2	1	5	1	2	3	2	2	2	4	54	Nagasaki
Kumamoto	6	5	13		10		6	4	7	5	4	5	5	6	4	8	3	3	8	5	5	6	11	129	Kumamoto
Oita	5	5	2		2		2	1	2	2		4	2	1	2	6	4	3	1	2	8	3	3	60	Oita
Miyazaki	3		4		1		4	4	3	4	2	2	4	2	2	6	6	2	3	6	3	7	7	75	Miyazaki
Kagoshima	4	3	5		2		6	6	2	1	2	3	3	6	4	5	8	5	2	7	9	10	5	98	Kagoshima
Okinawa	2	4	1		3		2	2	1	2	6	2		2	4	2	4	8	3	4	2	2	12	68	Okinawa
total	241	272	265		270		282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	6,252	total

























hand tool	1			1																		2	hand tool		
ladder		1																				2	ladder		
slinging tool																								slinging tool	
other tools										1				1							1		3	other tools	
other equipment, facilities	1																						1	other equipment, facilities	
scaffolding																								scaffolding	
timbering																								timbering	
stairs, landing stage											1												1	stairs, landing stage	
opening																								opening	
roof, beam, haze, crossbeam, principal rafter				1																			3	roof, beam, haze, crossbeam, principal rafter	
working platform, boot board																								working platform, boot board	
passage																								passage	
building, establishment																								building, establishment	
other temporary buildings, establishments																						1		1	other temporary buildings, establishments
explosive substance																								explosive substance	
inflammable substance					1																			1	inflammable substance



no causal agent				1			1				1		1	1	1				1	1	1			9	no causal agent
unclassifiable																									unclassifiable
total	6	9	9	8	6	4	5	5	6	4	5	6	6	7	4	4	4	3	3	3	2	2	4	115	total

Workers age of fatal accidents in auto mobile retail 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	2	6	2	3	3		1	2		3	1	3		2		1	1	2			1			33	20-29
30-39	1	1	4	2			1	1	3			1	2	1			1							18	30-39
40-49			1	1	2	1	1	1		1	2		3	1	1	1			2	2		1	1	22	40-49
50-59	2	2	2	1	1	3	1	1	3		1	2	1	1	2	2		1			1			27	50-59
60 years old or more	1			1							1			2	1		2		1	1		1	3	14	60 years old or more
total	6	9	9	8	6	4	5	5	6	4	5	6	6	7	4	4	4	3	3	3	2	2	4	115	total

Workers' number of workplace of fatal accidents in auto mobile retail 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	3	3	1	3	2	1	1	5	2	1	1	2	1	1	2	2		2	1		1	1	39	9 workers or less
10-29	1	5	3	5	3	2	2	3		1	2	5	3	6	1	1	1	2	1	1	2	1	2	53	10-29
30-49	2	1	3				2								1	1		1						11	30-49
50-99				2				1		1	2				1					1			1	9	50-99

100-299									1					1											3	100-299	
300 workers or more																											300 workers or more
total	6	9	9	8	6	4	5	5	6	4	5	6	6	7	4	4	4	3	3	3	2	2	4	115	total		

Month of fatal accidents in auto mobile retail 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	1								1			1	2				7	January	
February			1	1				1				2		1								1		7	February	
March	1	1		1		1	1		1	1	2		5	1		1	2							18	March	
April	1	2	2	2	2	1		1	1			1		1	1			1				1		17	April	
May	1		1		2				1					2		1	1		1		1			11	May	
June	1	1	2				2				1		1	1	1					1				11	June	
July			2	2			1		1			2			1								1	10	July	
August															1		1	1						1	4	August
September	2	1		1	1			1		2						1								9	September	
October								1	2		1			1								1		1	7	October
November		1	1	1		2					1								1					7	November	
December		2			1							1	1							1				1	7	December
total	6	9	9	8	6	4	5	5	6	4	5	6	6	7	4	4	4	3	3	3	2	2	4	115	total	

Prefecture of fatal accidents in auto mobile retail in 1999-2021







