

Fatal and non-fatal accidents in auto mobile retail in Japan in 1999-2022

auto mobile retail industry Code No.080202

Type of accidents in auto mobile retail 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	31	41	34	34	45	49	38	34	55	39	46	47	46	55	61	58	38	57	61	73	67	63	81	67	1,220
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	103	1,338
crash	7	18	10	14	19	11	9	17	22	12	13	12	10	14	13	15	12	20	21	24	11	23	21	29	377
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	26	523
collapse	2	3	3	2		3	6	2	3	2	3	3	5	4	4	5		5	2	1	6	4		1	69
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	17	356
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	45	1,063
cut	14	11	8	12	11	13	16	9	6	12	9	10	10	11	17	7	8	8	10	11	12	13	15	8	261
injury to the sole of the foot							2		1		2			1		1		1			1				9
drown													3												3
contact to high/low-	9	8	6	10	11	9	13	10	5	10	4	10	6	2	9	14	4	8	4	7	7	6	9	9	190

temperature																									
contact to harmful substance		2		2	1	1		1	1	3		1			1	3	1			2	2	3	3	3	30
electric shock		1			1				1																3
explosion		1	1		2				1			1			2		1	2	1			1			13
burst	1		2	4	1	1	3	1	3	3	1	1			1	1	1	1	2	1	2	2	2		34
fire	2	1		1	2	1		3	5	1		1	1		3	1		1	2	1	1		2	1	30
traffic accident (public road)	43	39	41	32	45	30	28	29	33	28	28	22	24	34	24	35	22	26	17	27	19	22	22	16	686
traffic accident (others)			1				1	1		1		1		1	1			1	1	2	1		1	1	14
reaction to motion/improper motion	22	26	24	26	23	30	31	30	28	19	32	33	24	38	28	36	41	43	35	47	54	59	72	54	855
others		1	3	3	3	3	5	4	1	1	1	2	2	2		1	1	4	4	3	3	6	17	5	75
unclassifiable	1			1		1	2	2	1			2		2	1					1		1	1		16
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	385	7,165

Causal agents (large) of fatal and non-fatal accidents in auto mobile retail 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	22	15	21	22	23	17	17	17	16	16	24	9	13	16	20	19	9	17	13	17	16	19	21	14	413

crane, conveying machine	99	121	107	102	104	91	104	98	111	100	101	98	96	102	104	110	85	107	78	121	100	89	117	112	2,457
other equipment	37	43	45	48	35	47	47	49	53	48	49	42	49	62	51	67	44	55	64	79	72	69	90	74	1,319
temporary buildings, establishments	37	43	49	47	53	46	52	53	43	52	47	55	54	73	74	63	59	59	63	92	77	92	106	104	1,493
substance, material	19	21	13	22	22	19	18	18	19	25	15	16	13	13	22	17	11	20	15	13	13	12	16	20	412
load	10	8	13	10	9	8	15	9	15	12	11	15	7	13	8	11	11	11	14	24	12	13	22	15	296
environment	8	5	3	5	4	6	6	4	3	9	5	6	12	14	9	11	11	12	11	18	14	10	32	16	234
others	9	16	14	17	20	21	23	16	17	9	23	14	17	22	20	23	26	18	29	29	38	40	50	30	541
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	385	7,165

Causal agents (middle) of fatal and non-fatal accidents in auto mobile retail 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	1	1	1		2		2		1	1		1			2	1	1		2		2		20
power transmission mechanism	8	5	5	7	8	7	2	2	6	6	8		4	6	8	4	2	6	4	6	3	2	5	3	117
woodworking machine	1	2	2	2	1	3	1				1		1	1						1	1	1			18















pressure vessel			1		1			1														3			
other pressure vessels					1							1						1			1	4			
chemical facilities																									
gas welding equipment					1				2				1	1					1			1	7		
arc welding equipment					1			1	2		1		1						1		1		9		
other welding equipment																1			1			1	3		
kiln, caldron			1																				1		
industrial dryer																									
other kiln, caldron																									
transmission								2					1					1	2			1	7		
electric power facilities																					1	1	2		
other electrical equipment			3											1			1	1			1		7		
human power cranes			5		1		4	2	4	2		2	2	1	1	2	3	1			1		4	35	
human power hauling equipment			2				2	2	1	1		2		1	2	3	2	2	3	2	1	3	1	3	33

human power machine			2			1				1			1		1	1	2	1		1					11
hand tool			14		5		16	13	13	10	13	11	15	17	8	8	11	7	11	8	8	18	15	17	238
ladder			8		10		12	15	19	13	15	14	13	26	17	27	18	20	34	37	30	26	33	28	415
slinging tool			1			1			2	2	1	2		1	1					1					12
other tools			4		6		8	7	7	9	9	2	6	6	11	15	7	10	7	10	16	9	16	14	179
other equipment, facilities			4		9		3	8	7	8	7	10	9	9	8	9	2	11	6	19	11	11	17	10	178
scaffolding					1		1		1	1		1					2			1		1			9
timbering																									
stairs, landing stage			6		16		12	14	5	9	8	11	11	8	13	11	9	12	11	13	18	17	15	7	226
opening			2		1		1	1		1	2		1	4	2	3	2			2	1	4	2	5	34
roof, beam, haze, crossbeam, principal rafter			1				1				1		1	1	2			1	1	1			4	1	15
working platform, boot board			9		7		4	6	7	4	7	5	2	7	7	7	11	5	10	5	8	7	9	14	141
passage			17		14		18	17	16	24	11	22	25	38	35	30	25	25	30	42	29	33	50	53	554
building, establishment			11		9		10	8	8	8	13	11	10	12	12	7	7	10	7	19	14	18	20	14	228
other temporary buildings,			3		5		5	7	6	5	5	5	4	3	3	5	5	4	4	10	6	13	5	10	113



environment																									
high/cold temperature environment			1				1	1		1		2	2	3			1	4	2	3	3	4	7	3	38
other environments			1		3		5	2	2	8	4	4	4	11	7	10	9	8	8	15	10	6	23	12	152
other causal agent			5		8		7	5	1	3	2	2	5	4	1	6	4	3	9	2	5	8	23	5	108
no causal agent			8		11		14	8	16	6	19	11	11	17	17	17	21	15	20	25	33	31	27	25	352
unclassifiable			1		1		2	3			2	1	1	1	2		1			2		1			18
<b>total</b>	<b>241</b>	<b>272</b>	<b>265</b>	<b>273</b>	<b>270</b>	<b>255</b>	<b>282</b>	<b>264</b>	<b>277</b>	<b>271</b>	<b>275</b>	<b>255</b>	<b>261</b>	<b>315</b>	<b>308</b>	<b>321</b>	<b>256</b>	<b>299</b>	<b>287</b>	<b>393</b>	<b>342</b>	<b>344</b>	<b>454</b>	<b>385</b>	<b>7,165</b>

Workers age of fatal and non-fatal accidents in auto mobile retail 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	6	7	2	6	3		2	1	2	2	3	1	4	1	2	4	2	4	1	8	2	7	8	6	84
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	93	2,282
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	62	1,489
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	74	1,322
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	80	1,221
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	70	767
<b>total</b>	<b>241</b>	<b>272</b>	<b>265</b>	<b>273</b>	<b>270</b>	<b>255</b>	<b>282</b>	<b>264</b>	<b>277</b>	<b>271</b>	<b>275</b>	<b>255</b>	<b>261</b>	<b>315</b>	<b>308</b>	<b>321</b>	<b>256</b>	<b>299</b>	<b>287</b>	<b>393</b>	<b>342</b>	<b>344</b>	<b>454</b>	<b>385</b>	<b>7,165</b>

Workers' number of workplace of fatal and non-fatal accidents in auto mobile retail 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	77	88	73	66	96	86	79	74	77	89	88	60	75	77	83	84	59	79	62	90	65	75	76	64	1,842
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	203	3,201
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	55	944
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	40	607
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	18	420
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	5	151
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	385	7,165

Month of fatal and non-fatal accidents in auto mobile retail 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	15	28	35	21	29	29	20	36	27	25	18	22	25	31	33	30	32	27	39	46	39	33	55	38	733
February	24	17	24	21	23	15	18	29	10	24	30	21	18	29	32	32	26	26	18	36	27	27	29	30	586
March	21	38	28	29	25	22	25	14	26	33	29	23	27	25	24	30	26	28	23	28	24	30	34	24	636
April	19	22	23	24	30	23	22	21	29	31	25	25	24	32	23	17	20	29	27	27	30	29	42	37	631
May	17	19	22	20	22	15	26	20	22	24	23	21	12	26	22	21	13	30	14	32	30	19	32	32	534
June	26	20	14	21	12	17	18	21	24	16	24	17	22	27	29	24	19	21	22	35	36	36	33	30	564

July	21	24	22	34	18	23	33	20	28	17	18	26	24	27	28	27	28	28	25	42	21	28	29	34	625
August	18	22	18	18	27	19	26	20	20	18	18	20	25	30	22	25	15	22	21	28	31	31	34	24	552
September	25	17	16	31	24	23	23	26	21	26	23	15	21	21	25	26	21	27	30	29	19	21	40	21	571
October	25	18	25	16	20	23	27	22	27	15	31	22	24	17	30	36	15	21	22	27	29	35	48	31	606
November	19	23	22	21	19	29	21	17	16	26	23	21	21	19	18	20	22	20	18	39	24	25	42	37	562
December	11	24	16	17	21	17	23	18	27	16	13	22	18	31	22	33	19	20	28	24	32	30	36	47	565
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	385	7,165

Prefecture of fatal and non-fatal accidents in auto mobile retail 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	26	38	32		27		19	23	22	23	27	27	20	30	29	23	22	26	22	33	24	29	40	31	593
Aomori	4	3	2		8		3	6	4	7	3	4	3	4	9	3	3	2	4	4	5	5	6	5	97
Iwate	4	7	6		5		4	4	3	2	3	4	5	6	6	9	1	5	6	6	5	5	7	8	111
Miyagi	8		2		1		7	3	9	5	3	3	10	10	1	8	3	9	8	13	10	11	8	12	144
Akita	5	4	3		5		6	7	1	5	1	5	4	5	6	8	1	1	1	5	2	6	2	9	92
Yamagata	7	5	2		5		7	4	2	4	2	1	2	6	8	3	2		2	3	3	2	8	7	85
Fukushima	5	3			2		5	4	6	10	4	4	9	5	9	9	6	6	3	7	2	8	9	10	126
Ibaraki	4	5	5		9		5	9	7	3	6	6	3	5	4	6	5	4	6	5	7	7	14	14	139
Tochigi	8	7	8		4		3	3	5	9	5	6	5	4	4	4	5	5	7	7	5	6	4	7	121
Gunma	4	3	6		3		4	8	4	1	7	7	10	10	7	4	5	7	10	7	9	12	8	6	142

Saitama	10	8	10		3		10	6	14	16	11	10	11	18	12	18	8	13	13	18	20	16	14	15	274
Chiba	7	9	11		8		9	8	6	7	15	8	9	17	8	7	8	17	19	19	18	12	18	21	261
Tokyo	10	18	19		17		21	11	11	18	11	13	10	19	10	15	10	15	18	20	19	10	11	18	324
Kanagawa	10	8	13		11		19	17	13	16	16	25	22	18	20	15	16	15	8	26	22	15	32	27	384
Niigata	3	5	5		6		1	11	7	5	7	6	8	14	12	6	11	6	8	16	17	12	12	4	182
Toyama	1	6	3		2		2	1	3		1	2	2	1	3	5	3	1	2	1	2	2	4	4	51
Ishikawa	1	1	3		4		1	2		2	7	2	1	3	2	3		2	6	5	4		5	3	57
Fukui	5	3	3		1		3	1	1	3	3	4	2	2	4	6	1	2	1	1	3	3	5	2	59
Yamanashi	1		1		2		1	2	1	2	3	3	2	2	1	6	1	4	1	1	2	2	4		42
Nagano	6	5	4		7		3	7	10	4	7	3	2	10	8	9	8	9	3	7	9	15	7	6	149
Gifu	3	2	1		7		3	2	4	4	5	6	7	6	4	5	7	3	10	10	10	4	5	7	115
Shizuoka	4	3	8		4		6	10	11	7	12	5	9	6	8	10	6	5	11	14	8	15	22	12	196
Aichi	16	19	17		21		18	11	20	17	22	13	21	20	13	19	13	21	17	15	17	12	32	16	390
Mie	5	5	2		7		5	2	2	4	4	8	3	7	3	9	2	8	9	7	9	8	11	6	126
Shiga		6	5		2		3	2	4	1	2		1	1	3	5	4	3	3	3	5	1	3	4	61
Kyoto	3	3	4		5		6	6	4	5	7	4	3	10	6	10	4	3	2	6	8	9	7	4	119
Osaka	11	10	7		8		17	12	20	16	13	10	13	9	13	9	19	19	13	17	7	10	29	14	296
Hyogo	8	6	7		11		13	11	10	10	7	7	6	8	19	14	13	15	6	15	14	12	13	14	239
Nara	3		1		3		4	2	1	6	3	3	1	1	2	1	1	3	5	1	2	5	3	4	55
Wakayama	3	3	1		5		1	3	2	2		3	5		2	5	3	5	4	7	4	1	3	6	68
Tottori		3	1		2		2	5	2	4	2	2	1	1	3	1		2	2	6		3	1	1	44



Shimane	3		3		5		6	2	2	3			3		5	5	4		1	3	1	2	3	2	53
Okayama	1	6	5		4		6	4	5	3	5	4	1	6	7	1	4	4	5	5		4	8	7	95
Hiroshima	5	12	9		7		12	5	8	7	10	5	7	9	8	3	17	6	6	6	4	8	10	10	174
Yamaguchi	10	9	8		7		5	7	6	5	5	4	7	2	7	7	3	7	6	6	10	11	8	13	153
Tokushima	1		1		2				1		2	1		1	2	1	1	2	3	1		1	2	3	25
Kagawa	1	3	4		2		2	4	1		2	1	1	2	3	1	2	1	1	3	4	4	2	3	47
Ehime	3	5			2		5	1	4	2	2	2	3	1		1	1	1	5	10	1	4	2		55
Kochi	2	3	3		6		4	4		2		2	1	3	1	4	1	1	1	5			1	1	45
Fukuoka	8	15	14		6		9	14	16	9	13	12	8	10	19	8	6	16	7	18	16	16	27	15	282
Saga	2	3			4			1	3	4			2	4		3		2	2	5	5	6	2	3	51
Nagasaki		1	1		2		2	2	7	4	3	4	4	2	1	5	1	2	3	2	2	2	4		54
Kumamoto	6	5	13		10		6	4	7	5	4	5	5	6	4	8	3	3	8	5	5	6	11	15	144
Oita	5	5	2		2		2	1	2	2		4	2	1	2	6	4	3	1	2	8	3	3	4	64
Miyazaki	3		4		1		4	4	3	4	2	2	4	2	2	6	6	2	3	6	3	7	7	2	77
Kagoshima	4	3	5		2		6	6	2	1	2	3	3	6	4	5	8	5	2	7	9	10	5	7	105
Okinawa	2	4	1		3		2	2	1	2	6	2		2	4	2	4	8	3	4	2	2	12	3	71
total	241	272	265	273	270	255	282	264	277	271	275	255	261	315	308	321	256	299	287	393	342	344	454	385	7,165

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												4											4		
contact to high/low-temperature											1						1					1		3	
contact to harmful substance																									
electric shock																									
explosion																									
burst						1																	1		
fire				1																			1		
traffic accident (public road)	4	7	5	5	3	1	2	4	2	2	2	2		4	1	2	1	1		1	1	1	1	1	53
traffic accident (others)																									
reaction to motion/improper motion																									
others				1		1	2				1		2	1	1				1	1	1		12		
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	1	116

Causal agents (large) of fatal accidents in auto mobile retail in 1999-2022



















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



environment																									
high/cold temperature environment											1							1					1	3	
other environments																									
other causal agent						1	1																	2	
no causal agent				1			1				1		1	1	1				1	1	1			9	
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	1	116

Workers age of fatal accidents in auto mobile retail 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							1																		1
20-29	2	6	2	3	3		1	2		3	1	3		2		1	1	2			1				33
30-39	1	1	4	2			1	1	3			1	2	1			1								18
40-49			1	1	2	1	1	1		1	2		3	1	1	1			2	2		1	1		22
50-59	2	2	2	1	1	3	1	1	3		1	2	1	1	2	2		1			1			1	28
60 years old or more	1			1								1			2	1		2		1	1		1	3	14
total	6	9	9	8	6	4	5	5	6	4	5	6	6	7	4	4	4	3	3	3	2	2	4	1	116

Workers' number of workplace of fatal accidents in auto mobile retail 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	3	3	3	1	3	2	1	1	5	2	1	1	2	1	1	2	2		2	1		1	1	1	40
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
30-49	2	1	3				2								1	1		1							11
50-99				2				1		1	2				1					1			1		9
100-299									1				1				1								3
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	1	116

Month of fatal accidents in auto mobile retail 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		1					1	1								1			1	2					7
February			1	1				1				2		1								1			7
March	1	1		1		1	1		1	1	2		5	1		1	2								18
April	1	2	2	2	2	1		1	1			1		1	1			1				1			17
May	1		1		2				1					2		1	1		1		1				11
June	1	1	2				2				1		1	1	1					1					11







Shimane																									
Okayama				1	1																				2
Hiroshima		1	1		1	1																			4
Yamaguchi					1			1										1				1			4
Tokushima				2										1											3
Kagawa			1																						1
Ehime	1	1					2																		4
Kochi																1									1
Fukuoka		1							1						1										3
Saga				1																					1
Nagasaki																									
Kumamoto				1																					1
Oita	1																								1
Miyazaki																							1		1
Kagoshima																									
Okinawa																									
total	6	9	9	8	6	4	5	5	6	4	5	6	6	7	4	4	4	3	3	3	2	2	4	1	116

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](https://www.jisha.or.jp/english/statistics/2022e_industry.html)