

Fatal and non-fatal accidents in alcoholic drinks in Japan in 1999-2021

alcoholic drinks industry Code No.010105

Type of accidents in alcoholic drinks 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	36	42	51	42	37	30	24	39	22	25	31	23	29	18	25	21	21	38	32	28	32	27	23	696	fall from height	
falling to same level	42	25	30	30	31	31	24	27	27	36	31	21	32	18	20	25	21	27	26	24	18	21	26	613	falling to same level	
crash	15	7	4	4	6	7	8	5	9	4	7	2	6	7	3	6	9	7	2	8	3	5	2	136	crash	
struck by flying or falling object	5	7	12	5	6	5	6	8	7	8	5	3	6	6	5	4	4	7	4	7	5	5	5	135	struck by flying or falling object	
collapse	4	4	2	1	3	4		4		3		2	2	2	2	1	1	1	2					38	collapse	
crashed by	6	3	3	2	3	2	6	5	8	4	3	5	2		2	1	3	2	4	3	2	2		71	crashed by	
caught in/between	34	50	48	36	33	36	41	40	38	28	21	27	26	34	20	27	28	26	19	19	38	18	26	713	caught in/between	
cut	15	11	9	8	9	21	14	11	8	7	11	5	6	5	11	7	5	7	6	12	4	6	4	202	cut	
injury to the sole of the foot	1	1	2		1			2					1		2		1						1		12	injury to the sole of the foot
drown						1	2		1									1						5	drown	
contact to high/low-temperature	8	11	9	8	10	9	7	8	6	7	4	3	4		4	6	6	4	10	14	12	6	10	166	contact to high/low-temperature	

engine											1	1										2	engine	
power transmission mechanism			1				4	6	1	1	2	1		1		3					3	4	27	power transmission mechanism
circular sawing machine					1									1							1		4	circular sawing machine
band sawing machine																								band sawing machine
wood planer machine											1						1		2		1		5	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 machines																1							1	other woodworking machines
leveling, transporting or loading machine										1													1	leveling, transporting or loading machine
excavating machine			1																				1	excavating machine
foundation work machine																								foundation work machine

machine																									machine
food manufacturing machine			11		6		10	10	5	6	5	8	4	6	5	5	10	9	5	10	8	4	7	134	food manufacturing machine
printing machine																									printing machine
industrial robot					1					1				1									1	4	industrial robot
other general power machines			10		14		15	9	12	12	5	9	11	11	8	15	12	12	11	9	16	5	8	204	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		1						2	crane
mobile crane																1								1	mobile crane
derrick crane																									derrick crane
elevator, lift					1					1					2	1								5	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway

facilities			12		14		10	8	13	11	8	6	5	6	11	5	6	9	2	9	7	10	6	158	facilities
scaffolding			2		2		1	2	1		2	1	2			2		3	1	2	1			22	scaffolding
timbering																									timbering
stairs, landing stage			16		9		5	10	5	10	8	4	13	5	9	7	7	6	7	8	4	8	4	145	stairs, landing stage
opening					1				1				2	1			1					1	1	8	opening
roof, beam, haze, crossbeam, principal rafter			2		2		5	4		1	1		3	2	2		1					1		24	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			5		8		4	8	5	6	3	4	8	4	10	6	2	5	8	4	4	7	7	108	working platform, boot board
passage			14		15		9	12	12	12	17	12	16	9	5	12	8	16	12	16	11	12	13	233	passage
building, establishment			5		4		2	11	8	9	4		2	5	6	3	3	6	4	1	3	1	3	80	building, establishment
other temporary buildings, establishments			3		3		5	2	4	4	3	1	1	4		3	3	2	2	2	3	2	2	49	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance								1																1	inflammable substance
inflammable gas																									inflammable gas
harmful substance							1		1	1				1					1					5	harmful substance
radiation																									radiation
other hazards, harmful substances			4				2	1	2		2	2			1	2		1	2	1	4	1	2	27	other hazards, harmful substances

metal material			2				1		5	2	2		1	1	1	1	2			1		1		20	metal material
lumber, bamboo			1				1					1		2	1			1		1				8	lumber, bamboo
stone, sand, substance			1													1								2	stone, sand, substance
other materials			3		5		7	7	3	5	2	4	2		6	4	1	3	4	5	2	4	3	70	other materials
load			12		10		11	7	9	6	12	9	5	5	5	6	7	4	5	7	7	8	4	139	load
machine/equipment as load					1						1	4	2	1				3						12	machine/equipment as load
natural ground, rock									1									1						2	natural ground, rock
standing tree									1	1					2						1			5	standing tree
water					1		1		1			1							1					5	water
abnormal environment					1					1			1											3	abnormal environment
high/cold temperature environment					1					1			1		1	1	1		1	4	2			13	high/cold temperature environment
other environments			3		2			2		3		2	1		1	1	5	1	1	2		1	1	26	other environments
other causal agent			2				3	3	3	3	1	1	4		1		1		1	1		2	1	27	other causal agent
no causal agent			5		3		5	6	6	4	11	9	6	4	2	6	4	1	3	9	4	4	6	98	no causal agent
unclassifiable													1	1										2	unclassifiable
total			187		157		154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108	111	2,536	total

Workers age of fatal and non-fatal accidents in alcoholic drinks 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	3	3	4	4	3	3	3	1	2			2	1	3		1	1	1	1	5			44	19 years old or less
20-29	28	27	20	15	17	30	17	30	21	22	19	12	16	15	13	15	14	26	14	13	16	8	19	427	20-29
30-39	26	21	18	21	24	29	22	28	25	28	28	25	31	19	27	22	28	22	31	24	27	22	22	570	30-39
40-49	36	41	37	37	35	23	36	35	32	31	31	21	30	24	17	32	22	24	19	26	31	21	25	666	40-49
50-59	51	47	57	48	48	47	43	38	48	36	32	26	34	32	21	29	29	28	23	39	25	28	23	832	50-59
60 years old or more	42	42	52	31	29	30	33	39	26	25	26	35	23	16	25	23	20	32	24	33	25	29	22	682	60 years old or more
total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108	111	3,221	total

Workers' number of workplace of fatal and non-fatal accidents in alcoholic drinks 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	41	38	27	24	36	35	27	28	26	13	22	13	29	19	21	11	17	26	14	24	15	13	5	524	9 workers or less
10-29	60	59	60	53	52	48	53	53	45	37	45	38	35	32	29	53	38	54	43	38	51	32	47	1,055	10-29
30-49	27	24	33	20	21	30	23	27	16	26	22	32	30	16	18	19	20	22	17	27	29	18	22	539	30-49
50-99	29	32	33	27	21	22	20	29	30	26	18	22	16	23	20	22	25	21	20	24	17	21	16	534	50-99
100-299	22	26	30	27	26	26	24	28	29	33	27	11	22	12	16	14	12	9	18	18	15	21	21	487	100-299
300 workers or more	7	2	4	5	1	1	7	8	7	9	2	3	4	5	2	2	2	1		5	2	3		82	300 workers or more
total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108	111	3,221	total

Month of fatal and non-fatal accidents in alcoholic drinks 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	25	25	20	17	23	19	18	18	16	16	18	14	21	10	14	14	13	17	8	13	12	10	14	375	January
February	18	19	22	22	23	24	17	25	18	21	16	12	12	17	7	14	7	9	10	15	10	13	11	362	February
March	22	18	16	18	13	15	22	15	13	13	10	13	15	7	6	4	7	14	10	15	19	8	13	306	March
April	14	19	11	3	5	9	4	9	10	8	10	12	11	8	6	8	10	13	11	5	7	6	3	202	April
May	4	11	15	10	12	7	11	14	10	13	9	7	9	6	12	7	5	3	7	11	9	6	7	205	May
June	11	12	14	10	13	12	12	6	8	6	10	11	8	5	1	9	9	9	3	10	6	6	4	195	June
July	8	9	11	11	6	10	12	9	11	3	5	10	10	5	8	5	9	4	9	8	11	9	6	189	July
August	12	21	8	9	7	10	7	23	9	7	10	2	6	7	8	5	9	11	10	8	6	9	5	209	August
September	14	3	6	13	10	11	13	11	10	7	9	5	12	8	10	9	8	14	10	8	9	9	8	217	September
October	18	9	16	15	13	12	12	12	20	7	17	14	6	11	12	16	15	18	10	13	15	6	10	297	October
November	14	17	22	13	18	17	10	15	13	17	12	9	14	15	13	20	9	10	16	12	14	13	17	330	November
December	26	18	26	15	14	16	16	16	15	26	10	10	12	8	9	10	13	11	8	18	11	13	13	334	December
total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108	111	3,221	total

Prefecture of fatal and non-fatal accidents in alcoholic drinks 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	5	7	7		2		5	10	5	3	7	5	5	3	3	3	11	1	6	2	2	5	4	101	Hokkaido
Aomori	1	3	1		7		1	2	2		1		1	2		1		1	1	1	1		1	27	Aomori
Iwate	2	1	2		1		3	3	2	2	2	1	2	1	1	1		1	2	3	1	2	4	37	Iwate

Miyagi	4	5	1		3		4	3	5	1	4	1	6	1	3	2		3	2	3	2	2	2	57	Miyagi
Akita	8	9	7		12		5	5	4	6	3	1	2	3	8	5	9	2	6	3	7	3	3	111	Akita
Yamagata	2	5	6		4		5	3	4	3	3	2	3	2	4	5	2	3	1	6	5	2	2	72	Yamagata
Fukushima	4	9	4		5		4	7	4	4	3	3	4	1	2	3	4	6	3	4	6	5	3	88	Fukushima
Ibaraki	3	3	2				3	2	4	3	2	3	2	1	3	4	1	1	4	4	1	5	1	52	Ibaraki
Tochigi	2	1	5		9		2		1	4	1	3	4	1		4	2	1	2	1		1	2	46	Tochigi
Gunma	3	7	3		1			2	1	3		1	2	2		1	1	1		2	1	4		35	Gunma
Saitama	1		3		2		2	4	4	3	1	3	1	3	4	4	6	3	4	2	5	1	2	58	Saitama
Chiba	6	7	3		4		2	4	5	1	5	4	4	1	4	2	1	4	2	3	5	5	3	75	Chiba
Tokyo	2	3	1		2		1	3	1	2	2	2	1		1		1	2				1	1	26	Tokyo
Kanagawa			1		1		2	2	2	4		2	2	3	2	1	1	2	1			2	2	30	Kanagawa
Niigata	4	6	7		4		11	6	4	8	4	8	6	6	2	5	4	5	5	10	8	7	10	130	Niigata
Toyama			1				4	2	4	3		1	1	1	2	3	2			5	1	1		31	Toyama
Ishikawa	2	2	3		2		7			1	1	1	4	2	1	1	1	2	2	3	1			36	Ishikawa
Fukui	2	4	3		2		3	1	1	2				1		1	1		1	1	3			26	Fukui
Yamanashi	5	4	4				3	3	4	3	2	1	2		2	1		2	2	4	3	1	2	48	Yamanashi
Nagano	5	5	5		1		2	4	4	6	5	6	6	7	3	7	5	9	7	5	3	6	4	105	Nagano
Gifu	4	4	2		2		4	1	1	5	3	3	2	3	2		3	4	1	1		2	3	50	Gifu
Shizuoka	1				4		3		4	3	1	2	2	1	1	2	1	5	2			2	5	39	Shizuoka
Aichi	6	7	11		5		2	7	7	5	6	5	3	1	2	3	4	1	4	3	9	3	6	100	Aichi
Mie	3	6	2		3		2	5	2	2	3	2	3	1	1	2	3	1		2		2	4	49	Mie
Shiga	3	2	1		1		1						1	1	1	1				2	2	2		18	Shiga
Kyoto	11	9	7		3		3	11	10	7	5	4	10	3	5	4	3	5	1	7	4	5	3	120	Kyoto

Osaka	4	1	2		3		2	3	2	1	3	1	3	1	1	1	2		2	4	2		1	39	Osaka
Hyogo	13	15	25		10		15	12	10	21	11	5	12	9	5	8	8	11	7	11	7	5	5	225	Hyogo
Nara	3		1				1			1	2	1			1	1	3	3	1		2	3	3	26	Nara
Wakayama	1	1	1		1		1		2	3	3	4	2	2	2	3	3	1		1	3	1	1	36	Wakayama
Tottori	1		1				1		3	1		1	1	1	1		2	1	1		2			17	Tottori
Shimane	6	3			4			1	2	1	2			1	2	2	2		1	1			2	30	Shimane
Okayama	4	3	4		4		2	1		1			2	1			2	2	4	5	2	1	2	40	Okayama
Hiroshima	14	4	9		5		5	3	2	1	2	2	6		3	3	2	5	2	4	2	3	1	78	Hiroshima
Yamaguchi	1	1	2		1		1	2			2		1	1	2	6	2	3		1	3	2	3	34	Yamaguchi
Tokushima	2	1					1						1								1		1	7	Tokushima
Kagawa	1	2			1		1	1	1		1					2		2		1				13	Kagawa
Ehime	3	3	4					2	1		2	1	1	1	1	1		2	1				1	24	Ehime
Kochi	1	7	4		2		1		4	2	1		1	1	1		2	6	1	1		4	5	44	Kochi
Fukuoka	9	7	10		11		7	10	8	2	6	2	4	9	2	2	3	2	3	4	4	3	5	113	Fukuoka
Saga	4	3			4		3	4	1	1	3	6	1	3	2		1	8	1	4	4	2	2	57	Saga
Nagasaki	3	1	1		2		1	1			2	2	1	1	2	4			1	1	3	3	1	30	Nagasaki
Kumamoto		4	6		2		3	3	2	1	4	2	2		1	3		2			2	1		38	Kumamoto
Oita	2	2	6		5		1	5	4	3	3	5	5	3	4	2	2	3	1	5	4	1		66	Oita
Miyazaki	5	1	5		9		7	11	6	9	14	11	4	11	3	4	2	6	8	8	2	5	2	133	Miyazaki
Kagoshima	15	10	11		11		13	23	19	12	9	9	8	8	14	12	10	11	10	6	14	4	7	236	Kagoshima
Okinawa	5	3	3		2		4	1	1		2	2	2	3	2	2	2		7	2	2	3	2	50	Okinawa
total	186	181	187		157		154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108	111	2,903	total

kiln, caldron					1																		1	kiln, caldron	
electric equipment																								electric equipment	
human power machine, tools																								human power machine, tools	
tools			1						1														2	tools	
other equipments, facilities					1	1	1		1	1													5	other equipments, facilities	
temporary buildings, establishments			1			1	1	1	1		1						2						1	9	temporary buildings, establishments
hazards, harmful substances																								hazards, harmful substances	
materials																								materials	
load																								load	
natural environment										1						1							2	natural environment	
other causal agent							1																1	other causal agent	
no causal agent									1														1	no causal agent	
unclassifiable															1								1	unclassifiable	

inflammable gas																							inflammable gas
harmful substance																							harmful substance
radiation																							radiation
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												1										1	water
abnormal environment									1													1	abnormal environment
high/cold temperature environment																							high/cold temperature environment
other environments																							other environments
other causal agent						1																1	other causal agent

no causal agent									1															1	no causal agent
unclassifiable													1											1	unclassifiable
total	1		4	1	2	2	6	1	4	3	1		3		1	1		2		1			2	35	total

Workers age of fatal accidents in alcoholic drinks 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			1							1													1	3	20-29
30-39			1		1					2			1											5	30-39
40-49	1								1							1		1		1				5	40-49
50-59							2						1		1									4	50-59
60 years old or more			2		1	2	4	1	3		1		1					1					1	17	60 years old or more
total	1		4	1	2	2	6	1	4	3	1		3		1	1		2		1			2	35	total

Workers' number of workplace of fatal accidents in alcoholic drinks 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									2	1	1		2					2						8	9 workers or less
10-29	1		2		1	2	4		2	1						1								14	10-29
30-49							1			1			1											3	30-49
50-99			1	1	1			1							1					1				6	50-99

100-299			1				1																2	4	100-299	
300 workers or more																										300 workers or more
total	1		4	1	2	2	6	1	4	3	1		3		1	1		2		1			2	35	total	

Month of fatal accidents in alcoholic drinks 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				1									6	January	
February								1	2	1														4	February	
March							3		2	1			1					1						8	March	
April																		1						1	April	
May																										May
June					1																			1	June	
July			1																				1	2	July	
August	1												1											2	August	
September						1	1																	2	September	
October			1				1									1								3	October	
November				1			1						1							1			1	5	November	
December			1																					1	December	
total	1		4	1	2	2	6	1	4	3	1		3		1	1		2		1			2	35	total	

Prefecture of fatal accidents in alcoholic drinks in 1999-2021

Miyazaki			1																					1	Miyazaki	
Kagoshima							1																		1	Kagoshima
Okinawa																										Okinawa
total	1		4	1	2	2	6	1	4	3	1		3		1	1		2		1			2	35	total	

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

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