

Industrial accidents in alcoholic drinks in Japan in 1999-2020

alcoholic drinks industry Code No.010105

Type of accidents in alcoholic drinks in 1999-2020

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
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
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
crash	15	7	4	4	6	7	8	5	9	4	7	2	6	7	3	6	9	7	2	8	3	5
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
collapse	4	4	2	1	3	4	0	4	0	3	0	2	2	2	2	1	1	1	2	0	0	0
crashed by	6	3	3	2	3	2	6	5	8	4	3	5	2	0	2	1	3	2	4	3	2	2
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
cut	15	11	9	8	9	21	14	11	8	7	11	5	6	5	11	7	5	7	6	12	4	6
injury to the sole of the foot	1	1	2	-	1	-	0	2	0	0	0	0	1	0	2	0	1	0	0	0	0	1
drown	0	0	0	-	0	1	2	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0
contact to high/low-temperature	8	11	9	8	10	9	7	8	6	7	4	3	4	0	4	6	6	4	10	14	12	6
contact to harmful substance	0	0	1	2	0	-	1	0	1	2	0	2	0	1	0	0	0	0	1	1	2	0
electric shock	0	0	0	-	1	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
explosion	0	0	1	-	0	-	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	-	1	-	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	1
fire	1	0	0	-	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	4	1	1	1	4	-	4	4	8	0	1	5	1	2	2	7	2	0	0	1	0	0
traffic accident (others)	0	0	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
reaction to motion/improper motion	14	17	14	15	12	12	16	17	17	15	21	21	18	14	10	15	13	13	6	17	12	16
others	1	1	0	1	0	1	1	1	1	1	0	0	1	0	0	1	0	0	0	1	0	0

unclassifiable	0	1	0	1	0	-	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	
total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108

Causal agents (middle) of industrial accidents in alcoholic drinks in 1999-2020

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
engine	0	0	0	-	0	-	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
power transmission mechanism	2	4	1	2	0	3	4	6	1	1	2	1	0	1	0	3	0	0	0	0	3	0
woodworking machine	0	0	0	2	1	-	0	0	0	0	1	0	0	1	0	0	2	1	0	2	1	1
construction machine	0	0	1	-	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
metal manufacturing machine	1	1	1	-	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0
general machine	31	34	25	26	22	26	28	22	18	20	11	18	17	19	14	22	23	22	17	20	26	10
mobile silviculture machine																	0	0	0	0	0	0
crane	1	1	0	-	2	-	0	0	0	1	0	0	0	0	0	2	3	0	1	0	0	0
conveying machine	21	24	25	13	24	14	19	23	20	15	17	13	16	13	6	7	13	11	10	8	14	6
vehicle	4	1	1	3	2	-	4	5	8	0	1	4	2	2	3	7	2	0	0	1	2	0
pressure vessel	0	1	1	-	0	4	2	2	0	1	0	0	1	0	1	1	0	0	1	0	0	1
chemical facilities	1	0	2	-	1	-	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	0
welding equipment	0	0	0	-	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	1	1	3	3	0	0	1	1	1	0	0	0	0	0	1	2	1	0	2	1
electric equipment	2	0	0	1	0	3	0	2	0	0	1	0	0	0	0	1	0	0	1	0	0	0
human power machine, tools	5	4	5	3	3	2	6	2	7	4	5	3	1	3	5	3	0	4	3	3	2	6
tools	24	18	31	21	17	21	18	23	17	18	20	19	20	17	13	15	18	31	24	26	25	20
other equipments, facilities	12	13	12	9	14	11	10	8	13	11	8	6	5	6	11	5	6	9	2	9	7	10
temporary buildings,	58	47	47	45	44	45	31	49	36	42	38	22	47	30	32	33	25	38	34	33	26	32

equipment																						
arc welding equipment			0	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other welding equipment			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron			1	3		0	0	1	0	1	0	0	0	0	0	1	1	0	2	1		
industrial dryer			0	0		0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
other kiln, caldron			0	0		0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
transmission			0	0		0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
electric power facilities			0	0		0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment			0	0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
human power cranes			0	0		0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
human power hauling equipment			3	2		3	0	2	2	0	1	0	1	1	1	0	1	1	1	2	1	
human power machine			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
hand tool			2	1		3	2	5	2	5	1	1	2	4	2	0	3	1	2	0	4	
ladder			21	15		11	18	13	13	13	17	10	9	9	10	13	21	15	16	17	15	
slinging tool			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other tools			10	2		7	5	4	5	7	2	10	8	4	5	5	10	9	10	8	5	
other equipment, facilities			12	14		10	8	13	11	8	6	5	6	11	5	6	9	2	9	7	10	
scaffolding			2	2		1	2	1	0	2	1	2	0	0	2	0	3	1	2	1	0	
timbering			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage			16	9		5	10	5	10	8	4	13	5	9	7	7	6	7	8	4	8	
opening			0	1		0	0	1	0	0	0	2	1	0	0	1	0	0	0	0	1	
roof, beam, haze, crossbeam, principal rafter			2	2		5	4	0	1	1	0	3	2	2	0	1	0	0	0	0	1	
working platform, boot board			5	8		4	8	5	6	3	4	8	4	10	6	2	5	8	4	4	7	
passage			14	15		9	12	12	12	17	12	16	9	5	12	8	16	12	16	11	12	
building, establishment			5	4		2	11	8	9	4	0	2	5	6	3	3	6	4	1	3	1	

19 years old or less	3	3	3	4	4	3	3	3	1	2	0	0	2	1	3	0	1	1	1	1	5	0
20-29	28	27	20	15	17	30	17	30	21	22	19	12	16	15	13	15	14	26	14	13	16	8
30-39	26	21	18	21	24	29	22	28	25	28	28	25	31	19	27	22	28	22	31	24	27	22
40-49	36	41	37	37	35	23	36	35	32	31	31	21	30	24	17	32	22	24	19	26	31	21
50-59	51	47	57	48	48	47	43	38	48	36	32	26	34	32	21	29	29	28	23	39	25	28
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
total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108

Workers' number of workplace of industrial accidents in alcoholic drinks in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
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
10-29	60	59	60	53	52	48	53	53	45	37	45	38	35	32	29	53	38	54	43	38	51	32
30-49	27	24	33	20	21	30	23	27	16	26	22	32	30	16	18	19	20	22	17	27	29	18
50-99	29	32	33	27	21	22	20	29	30	26	18	22	16	23	20	22	25	21	20	24	17	21
100-299	22	26	30	27	26	26	24	28	29	33	27	11	22	12	16	14	12	9	18	18	15	21
300 workers or more	7	2	4	5	1	1	7	8	7	9	2	3	4	5	2	2	2	1	0	5	2	3
total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108

Month of industrial accidents in alcoholic drinks in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	25	25	20	17	23	19	18	18	16	16	18	14	21	10	14	14	13	17	8	13	12	10
February	18	19	22	22	23	24	17	25	18	21	16	12	12	17	7	14	7	9	10	15	10	13
March	22	18	16	18	13	15	22	15	13	13	10	13	15	7	6	4	7	14	10	15	19	8
April	14	19	11	3	5	9	4	9	10	8	10	12	11	8	6	8	10	13	11	5	7	6
May	4	11	15	10	12	7	11	14	10	13	9	7	9	6	12	7	5	3	7	11	9	6
June	11	12	14	10	13	12	12	6	8	6	10	11	8	5	1	9	9	9	3	10	6	6
July	8	9	11	11	6	10	12	9	11	3	5	10	10	5	8	5	9	4	9	8	11	9
August	12	21	8	9	7	10	7	23	9	7	10	2	6	7	8	5	9	11	10	8	6	9
September	14	3	6	13	10	11	13	11	10	7	9	5	12	8	10	9	8	14	10	8	9	9
October	18	9	16	15	13	12	12	12	20	7	17	14	6	11	12	16	15	18	10	13	15	6
November	14	17	22	13	18	17	10	15	13	17	12	9	14	15	13	20	9	10	16	12	14	13
December	26	18	26	15	14	16	16	16	15	26	10	10	12	8	9	10	13	11	8	18	11	13

total	186	181	187	156	157	162	154	173	153	144	136	119	136	107	106	121	114	133	112	136	129	108
-------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Prefecture of industrial accidents in alcoholic drinks in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	5	7	7		2		5	10	5	3	7	5	5	3	3	3	11	1	6	2	2	5
Aomori	1	3	1		7		1	2	2	0	1	0	1	2	0	1	0	1	1	1	1	0
Iwate	2	1	2		1		3	3	2	2	2	1	2	1	1	1	0	1	2	3	1	2
Miyagi	4	5	1		3		4	3	5	1	4	1	6	1	3	2	0	3	2	3	2	2
Akita	8	9	7		12		5	5	4	6	3	1	2	3	8	5	9	2	6	3	7	3
Yamagata	2	5	6		4		5	3	4	3	3	2	3	2	4	5	2	3	1	6	5	2
Fukushima	4	9	4		5		4	7	4	4	3	3	4	1	2	3	4	6	3	4	6	5
Ibaraki	3	3	2		0		3	2	4	3	2	3	2	1	3	4	1	1	4	4	1	5
Tochigi	2	1	5		9		2	0	1	4	1	3	4	1	0	4	2	1	2	1	0	1
Gunma	3	7	3		1		0	2	1	3	0	1	2	2	0	1	1	1	0	2	1	4
Saitama	1	0	3		2		2	4	4	3	1	3	1	3	4	4	6	3	4	2	5	1
Chiba	6	7	3		4		2	4	5	1	5	4	4	1	4	2	1	4	2	3	5	5
Tokyo	2	3	1		2		1	3	1	2	2	2	1	0	1	0	1	2	0	0	0	1
Kanagawa	0	0	1		1		2	2	2	4	0	2	2	3	2	1	1	2	1	0	0	2
Niigata	4	6	7		4		11	6	4	8	4	8	6	6	2	5	4	5	5	10	8	7
Toyama	0	0	1		0		4	2	4	3	0	1	1	1	2	3	2	0	0	5	1	1
Ishikawa	2	2	3		2		7	0	0	1	1	1	4	2	1	1	1	2	2	3	1	0
Fukui	2	4	3		2		3	1	1	2	0	0	0	1	0	1	1	0	1	1	3	0
Yamanashi	5	4	4		0		3	3	4	3	2	1	2	0	2	1	0	2	2	4	3	1
Nagano	5	5	5		1		2	4	4	6	5	6	6	7	3	7	5	9	7	5	3	6
Gifu	4	4	2		2		4	1	1	5	3	3	2	3	2	0	3	4	1	1	0	2
Shizuoka	1	0	0		4		3	0	4	3	1	2	2	1	1	2	1	5	2	0	0	2
Aichi	6	7	11		5		2	7	7	5	6	5	3	1	2	3	4	1	4	3	9	3
Mie	3	6	2		3		2	5	2	2	3	2	3	1	1	2	3	1	0	2	0	2
Shiga	3	2	1		1		1	0	0	0	0	1	1	1	1	0	0	0	2	2	2	0
Kyoto	11	9	7		3		3	11	10	7	5	4	10	3	5	4	3	5	1	7	4	5
Osaka	4	1	2		3		2	3	2	1	3	1	3	1	1	1	2	0	2	4	2	0
Hyogo	13	15	25		10		15	12	10	21	11	5	12	9	5	8	8	11	7	11	7	5
Nara	3	0	1		0		1	0	0	1	2	1	0	0	1	1	3	3	1	0	2	3
Wakayama	1	1	1		1		1	0	2	3	3	4	2	2	2	3	3	1	0	1	3	1
Tottori	1	0	1		0		1	0	3	1	0	1	1	1	1	0	2	1	1	0	2	0

construction machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
mobile silviculture machine																	0	0	0	0	0	0
crane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
conveying machine	0	0	1	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0
vehicle	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
other equipments, facilities	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
temporary buildings, establishments	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	0	0	2	0	0	0	0
hazards, harmful substances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
total	1	0	4	1	2	2	6	1	4	3	1	0	3	0	1	1	0	2	0	1	0	0

stone, sand, substance	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural ground, rock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
water	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
abnormal environment	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
no causal agent	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
total	1	0	4	1	2	2	6	1	4	3	1	0	3	0	1	1	0	2	0	1	0	0

Workers age of fatal accidents in alcoholic drinks in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
30-39	0	0	1	0	1	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0
40-49	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0	0
50-59	0	0	0	0	0	0	2	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0
60 years old or more	0	0	2	0	1	2	4	1	3	0	1	0	1	0	0	0	0	1	0	0	0	0
total	1	0	4	1	2	2	6	1	4	3	1	0	3	0	1	1	0	2	0	1	0	0

Workers' number of workplace of fatal accidents in alcoholic drinks in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	0	0	0	0	0	0	0	0	2	1	1	0	2	0	0	0	0	2	0	0	0	0

Oita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagoshima	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	1	0	4	1	2	2	6	1	4	3	1	0	3	0	1	1	0	2	0	1	0	0

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

Return to https://www.jisha.or.jp/english/statistics/2020e_industry.html