

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

soft drinks industry Code No.010106

Type of accidents in soft 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	17	19	14	17	17	21	16	19	21	15	20	12	14	21	13	10	16	16	13	17	22	11	17	378	fall from height
falling to same level	23	22	25	20	27	28	15	21	31	24	19	27	23	23	21	18	17	21	16	27	16	12	23	499	falling to same level
crash	5	7	6	5	5	6	10	7	9	10	6	6	9	5	6	4	7	5	5	6	6	2	9	146	crash
struck by flying or falling object	6	6	6	8	3	5	7	4	7	3	3	7	2	9	1	4	4	3	2	6	7	4	3	110	struck by flying or falling object
collapse	2	3	3	5	1	2		4	2	2	4	2	2	3	1	1		4	2	2			2	47	collapse
crashed by	5	3	8	10	7	6	5	4	10	5	3	5	5	2	4	3	5	6	2	8	4	5	11	126	crashed by
caught in/between	40	43	37	37	35	38	38	33	30	31	30	23	27	10	30	23	20	20	28	22	22	29	24	670	caught in/between
cut	11	12	10	9	5	6	6	9	8	6	2	8	6	10	5	5	3	7	3	6	2	5	9	153	cut
injury to the sole of the foot	1									1				1										3	injury to the sole of the foot
drown																						1		1	drown
contact to high/low-temperature	19	15	4	11	15	9	13	12	16	15	7	7	7	4	7	5	7	7	10	8	12	8	11	229	contact to high/low-temperature

machine			1		1		1							1	1		1			1	1	1	1	10	machine
food manufacturing machine			10		7		9	9	7	11	3	4	1	5	7	3	6	5	5		7	3	6	108	food manufacturing machine
printing machine																						1		1	printing machine
industrial robot							1	1		1						1		1			1		6	industrial robot	
other general power machines			15		15		14	6	18	8	9	12	12	9	14	7	10	7	6	12	10	11	10	205	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	crane
mobile crane																									mobile crane
derrick crane																									derrick crane
elevator, lift			2		1		1				1	1	1		1	1	2	1	1	1	2			16	elevator, lift
cargo lifting appliance																									cargo lifting appliance
gondola																									gondola
lumberyard equipment, logging cableway																									lumberyard equipment, logging cableway

facilities			5		6		9	13	11	9	7	8	8	5	7	5	7	3	5	8	4	4	4	128	facilities
scaffolding													1			1			1					3	scaffolding
timbering																									timbering
stairs, landing stage			5		5		7	4	6	8	4	3	4	5	1	5	7	2	2	5	8	7	9	97	stairs, landing stage
opening			1				2							3	1				1					8	opening
roof, beam, haze, crossbeam, principal rafter			1											1			2							4	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			5		6		5	5	4		4	6	3	3	4	3	2	2	3	1	5	2	5	68	working platform, boot board
passage			12		9		6	7	14	14	13	10	9	10	10	5	9	15	10	14	10	6	11	194	passage
building, establishment			1		2		6	5	5	2	2	8	5	4	3	2	1	2	2	3	4	2	7	66	building, establishment
other temporary buildings, establishments			3		4		3	4	3	6	6	2	3	5		1	5	3		6	3	2	2	61	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance							1							1										2	inflammable substance
inflammable gas																									inflammable gas
harmful substance			2		1		2	1	4	2			4	2		2	1		2	1		2	1	27	harmful substance
radiation																									radiation
other hazards, harmful substances			1		1		1	1	2	1	1	1	1	1	2	1	1	2	2	2		3	2	26	other hazards, harmful substances

metal material			4					2		1	1		1	1	1	1		2		2			2	18	metal material
lumber, bamboo									2		1													3	lumber, bamboo
stone, sand, substance			1													1								2	stone, sand, substance
other materials			4		4		2	1	1	2	3	2	3	2	1		1	6	3	2		3	1	41	other materials
load			10		2		5	4	9	8	5	7	6	10	5	5	4	9	5	11	9	6	5	125	load
machine/equipment as load			1				1		1														1	4	machine/equipment as load
natural ground, rock								1																1	natural ground, rock
standing tree													1					2			1			4	standing tree
water					2					1						1		1		2				7	water
abnormal environment											2						1							3	abnormal environment
high/cold temperature environment			1				1	2	2	1		2		1	3	1	1	2		2	2	1	3	25	high/cold temperature environment
other environments			2					1		1		2	2	1	2	1	1	2	2	4		1	1	23	other environments
other causal agent			1		1		1	2	3	3	1	2	1	1			2		2	1			3	24	other causal agent
no causal agent			4		6		6	3	4	5	3	4	2	6	6	10	2	5	6	7	2	13	4	98	no causal agent
unclassifiable												1		1										2	unclassifiable
total			133		125		125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	2,169	total

Workers age of fatal and non-fatal accidents in soft 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	2	3	5	4	6	3	5	2	6	4	4	3	3	2	2	2		2	3	3	3		70	19 years old or less
20-29	42	40	27	27	23	34	36	16	25	24	16	12	22	20	10	14	11	19	17	16	14	12	21	498	20-29
30-39	18	27	29	30	32	31	31	31	41	23	33	25	31	27	24	24	18	26	20	8	18	30	22	599	30-39
40-49	31	40	30	35	14	22	18	27	33	29	15	32	21	24	31	22	22	23	27	36	29	29	29	619	40-49
50-59	33	33	35	38	41	34	30	32	40	34	25	21	21	24	22	20	25	21	19	33	21	14	31	647	50-59
60 years old or more	18	10	9	8	11	6	7	16	10	11	12	13	10	10	12	11	12	19	13	23	19	17	32	309	60 years old or more
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	2,742	total

Workers' number of workplace of fatal and non-fatal accidents in soft 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	19	13	20	19	15	16	11	16	7	14	8	4	13	10	5	4	6	10	10	14	3	6	11	254	9 workers or less
10-29	22	35	33	38	26	23	24	23	25	16	15	15	26	23	20	20	12	22	12	12	17	11	14	484	10-29
30-49	19	24	12	16	17	22	16	15	27	20	20	14	14	11	12	11	9	16	12	20	12	10	19	368	30-49
50-99	22	22	22	27	21	21	22	22	33	23	11	20	13	24	22	17	28	23	17	17	29	30	30	516	50-99
100-299	56	48	38	38	34	39	43	43	51	48	44	44	32	34	37	31	29	32	37	48	41	37	49	933	100-299
300 workers or more	7	10	8	5	12	12	9	8	8	6	7	10	10	6	5	10	6	5	10	8	2	11	12	187	300 workers or more
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	2,742	total

Month of fatal and non-fatal accidents in soft 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	9	11	6	9	11	14	8	11	11	15	13	12	10	12	8	5	6	4	7	11	10	5	10	218	January
February	13	15	4	6	14	9	7	8	10	6	11	6	7	11	10	6	7	5	7	9	12	8	9	200	February
March	14	16	13	15	15	12	13	15	13	13	3	8	8	7	8	8	9	4	7	7	7	16	12	243	March
April	14	10	14	12	12	10	11	14	17	16	7	5	11	5	6	5	7	12	6	13	12	4	10	233	April
May	15	16	10	9	11	8	11	8	13	6	9	9	7	14	6	14	5	7	12	10	5	15	16	236	May
June	8	7	17	17	11	17	7	14	15	10	10	9	14	12	16	5	10	12	11	7	8	6	15	258	June
July	9	14	11	18	14	13	21	14	18	14	6	10	10	8	10	7	10	8	6	13	9	7	14	264	July
August	13	17	18	12	5	16	15	8	11	12	6	10	10	8	10	7	6	11	11	11	10	10	10	247	August
September	12	13	9	14	5	7	8	11	10	10	10	7	9	11	9	8	9	8	7	6	8	5	11	207	September
October	14	9	11	12	11	8	9	8	14	10	10	13	8	13	7	8	5	19	10	13	8	5	10	235	October
November	14	16	12	8	5	5	7	11	9	6	11	8	6	3	8	7	7	11	7	7	7	15	8	198	November
December	10	8	8	11	11	14	8	5	10	9	9	10	8	4	3	13	9	7	7	12	8	9	10	203	December
total	145	152	133	143	125	133	125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	2,742	total

Prefecture of fatal and non-fatal accidents in soft 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	9	13	5		5		6	4	7	2	6	4	5	3	1	2	4	5	3	9	3	4	7	107	Hokkaido
Aomori	1	3	4		5		1	3	3	5	2	6	7	7	5	3	5	2	2	3	5	4	5	81	Aomori
Iwate	1		2				2	1	1			1	2		1	1								12	Iwate

Miyagi			2		1		2		2			3	2	1				1				2			16	Miyagi
Akita		1							1	1					1	1		1		1					7	Akita
Yamagata	1	5	1		3		4	2	4	4	3	5	1	2	1		2		5	1	3	4	5	56	Yamagata	
Fukushima	1	2	1				1		1	2	2				2		1	2			2			17	Fukushima	
Ibaraki	4	7	4		1		2	3	3	3		2	1	1		3	2	1	2	1	1		2	43	Ibaraki	
Tochigi	2	2	4					4	1	2		3	2	3	4	1	3	1				2	2	36	Tochigi	
Gunma	5	6	8		8		4	7	6	3	6	1	7	3	4	7	3	4	2	6	7	5	2	104	Gunma	
Saitama	2	7	4		6		3	5	10		2	3	1	5	4	3	3	1	2	5	2	1	2	71	Saitama	
Chiba	15	5	4		7		1	3	11	7	5	7	5	5	10	3	8	4	6	8	8	2	6	130	Chiba	
Tokyo	4	5	6		1			2	2	2	1	3	1		2	1	2	2	1		4	2	1	42	Tokyo	
Kanagawa	3	5	4		3		7	6	4	3	3	3	3	6	1	2	2	3	1	4	6	1	5	75	Kanagawa	
Niigata									1	2	1				1			4	1	1		1		12	Niigata	
Toyama	2	3	2		1		4	2	3	3	1	2	3	2		2	1	4	3	1	2	3	3	47	Toyama	
Ishikawa	1								1															2	Ishikawa	
Fukui	1		1		1		1		1						1							1		7	Fukui	
Yamanashi	2	1	2		2		7	6	5	5	4	3	2	10	2	6	3	7	6	7	10	8	8	106	Yamanashi	
Nagano	9	12	10		9		3	8	8	12	7	6	3	4	7	1	3	2	5	6	6	5	10	136	Nagano	
Gifu	6	4	2		2		3	1	3	5	2	3	1	4	2	1	2	4	1	5	1	2	2	56	Gifu	
Shizuoka	11	11	13		13		8	8	9	9	9	12	8	10	4	9	6	11	9	8	6	13	9	196	Shizuoka	
Aichi	8	3	4		4		3	10	5	3	7	1	3	1	4	2	2	6	3	5	3	9	12	98	Aichi	
Mie	1	1	2		5		3	2	5	3	3	3	6	1	1	3	3	4	1	7	5	4	3	66	Mie	
Shiga		1	1		4		2		1	1		1	1	1	1	2	2	3	2	1	1	2	2	29	Shiga	
Kyoto	9	1	7		6		8	5	4	5	4	5	1		2	1	1	1	3		3	2	4	72	Kyoto	

Osaka	6	4	5		1		5	5	4	6	4	3	3	2	2	4	1	1		2		1	6	65	Osaka
Hyogo	7	9	2		3		3	5	4	4	8	2	4	1	5	2	4	4	4	5	2	3	4	85	Hyogo
Nara	1		1		1									1					1				1	6	Nara
Wakayama	3	5	5		4		3	7	5	3		2	2	3	6	8	3	5	2	3	5	4	6	84	Wakayama
Tottori										1				2								1	1	5	Tottori
Shimane	1		3		2		1	2		1		2	1		3	1	1	2		3	1	3	1	28	Shimane
Okayama		1	3				1		3			1					1		2	2		1	1	16	Okayama
Hiroshima	3	2	5		5		6	2	1	1		1	3	3	1	5	1	4	5	2	3	2	9	64	Hiroshima
Yamaguchi	3	2	1		1		6		4	5	5	3	3	4	3	1			1	3	3	2	2	52	Yamaguchi
Tokushima		1			1			1				1									1			5	Tokushima
Kagawa																									Kagawa
Ehime	2	4	3					3	3	1		1	2	2	3		1		1	2		2		30	Ehime
Kochi	1	1					4		3	1	2	1	1	1	3		3	1	2	1		1		26	Kochi
Fukuoka	5	4	5		5		3	6	11	5	8	5	4	5	6	4	3	2	6	4	4	2	1	98	Fukuoka
Saga	1	1	3				2	3	3	3	1	2	5	3		5	1	3	5	2		3	3	49	Saga
Nagasaki		1	1		1			1					2	1						1		1		9	Nagasaki
Kumamoto	1	3			7		1	1	1	1	1	1		1	1		1	2		1	1			24	Kumamoto
Oita	5	7	3				5	3	1	6	4	4	6	2	2	1	2	3	4	4	1	1	3	67	Oita
Miyazaki	7	6			3		3	1	2	2	1			3		3	1	1		2		4	4	43	Miyazaki
Kagoshima	1	2			3		3	1	1				3	1	2	3	5	3	2	2	1		2	35	Kagoshima
Okinawa		1			1		4	4	3	5	3	1	4	4	3	2	4	4	5	1	1		1	51	Okinawa
total	145	152	133		125		125	127	151	127	105	107	108	108	101	93	90	108	98	119	104	105	135	2,466	total

injury to the sole of the foot																								injury to the sole of the foot
drown																				1		1		drown
contact to high/low-temperature		1																					1	contact to high/low-temperature
contact to harmful substance						1				1													2	contact to harmful substance
electric shock																								electric shock
explosion																								explosion
burst																								burst
fire																								fire
traffic accident (public road)	1		1														1						3	traffic accident (public road)
traffic accident (others)																								traffic accident (others)
reaction to motion/improper motion																								reaction to motion/improper motion
others														1		1							2	others
unclassifiable																								unclassifiable
total	1	2	2		1		1			1	3	1		1	1	2		5				2	23	total

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

no causal agent																1		1								2	no causal agent
unclassifiable																											unclassifiable
total	1	2	2		1		1			1	3	1		1	1	2		5				2			23	total	

Workers age of fatal accidents in soft 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																										19 years old or less
20-29							1																		1	20-29
30-39	1										1	1			1			4						8	30-39	
40-49		1			1						1					1								4	40-49	
50-59		1	1							1	1			1				1						6	50-59	
60 years old or more			1													1						2		4	60 years old or more	
total	1	2	2		1		1			1	3	1		1	1	2		5				2		23	total	

Workers' number of workplace of fatal accidents in soft 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	1	1																1						3	9 workers or less
10-29			1		1		1											1				1		5	10-29
30-49														1	1	1								3	30-49
50-99										1		1												2	50-99

100-299		1	1								2						3				1		8	100-299	
300 workers or more											1						1							2	300 workers or more
total	1	2	2		1		1			1	3	1		1	1	2		5				2		23	total

Month of fatal accidents in soft 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	January	
February											1							1							2	February
March					1									1		1									3	March
April										1		1				1		2							5	April
May			1															1					1		3	May
June																										June
July	1						1																		2	July
August											1				1			1							3	August
September											1														1	September
October			1																						1	October
November		1																					1		2	November
December																										December
total	1	2	2		1		1			1	3	1		1	1	2		5					2		23	total

Prefecture of fatal accidents in soft drinks in 1999-2021

Miyazaki																1											1	Miyazaki
Kagoshima																												Kagoshima
Okinawa																											Okinawa	
total	1	2	2		1		1			1	3	1		1	1	2		5				2		23	total			

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

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html