

Fatal and non-fatal accidents in beauty salon in Japan in 1999-2021

beauty salon industry Code No.080302

Type of accidents in beauty salon 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	7	13	9	7	15	15	12	18	17	12	18	11	9	10	9	19	25	13	16	18	15	17	13	318	fall from height	
falling to same level	23	24	31	30	22	20	27	29	28	27	28	29	27	38	31	37	41	34	42	54	43	57	73	795	falling to same level	
crash	4	3		3	3	4	6	4	2	4	4	5	5	3	2	7	7	4	6	1	5	9	8	99	crash	
struck by flying or falling object	1	3	3	3	4	2	2	2	1	2	4	2		1	3	5	1	1	3	4	4	2	5	58	struck by flying or falling object	
collapse			1			2		2	1			2	1									2	2	13	collapse	
crashed by	2	2	2	1	1	3	4	2	1	4	2		1	1	2	1	3	3	2	1	3		1	42	crashed by	
caught in/between	5	9	2	6	5	4	3	3	2	2	3	2	6	3	4	4	4	2	2	4	5	4		84	caught in/between	
cut	13	13	11	14	13	12	14	9	10	14	10	15	10	11	8	8	10	14	9	10	10	20	22	280	cut	
injury to the sole of the foot																										injury to the sole of the foot
drown													1								1			2	drown	
contact to high/low-temperature	3			2	1	6	2	1	2	2	2	3	2	2		1	1	1	2	3	4	1	5	46	contact to high/low-temperature	

engine																									engine
power transmission mechanism																									power transmission mechanism
circular sawing machine									1														1	circular sawing machine	
band sawing machine																								band sawing machine	
wood planer machine																								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																								other woodworking machines	
leveling, transporting or loading machine																								leveling, transporting or loading machine	
excavating machine																								excavating machine	
foundation work machine																								foundation work machine	

machine																								machine
food manufacturing machine																								food manufacturing machine
printing machine																								printing machine
industrial robot																								industrial robot
other general power machines				1	1	1	1					1	1	1									7	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																								crane
mobile crane																								mobile crane
derrick crane																								derrick crane
elevator, lift														1									1	elevator, lift
cargo lifting appliance																								cargo lifting appliance
gondola																								gondola
lumberyard equipment, logging cableway																								lumberyard equipment, logging cableway

facilities			1		1			3	2	7	11	2	1	2	5	2	10	3	1	3	8	7	11	80	facilities
scaffolding																									scaffolding
timbering																									timbering
stairs, landing stage			8		17		16	19	17	11	11	10	7	10	6	14	12	9	16	12	10	12	15	232	stairs, landing stage
opening																				2		1		3	opening
roof, beam, haze, crossbeam, principal rafter																1						1		2	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			1		3		2	5	5	1	6	8	4	3	3	8	5	5	4	5	8	4	11	91	working platform, boot board
passage			15		11		13	14	10	11	10	11	15	16	13	14	13	21	22	27	21	32	34	323	passage
building, establishment			4		2		5	6	3	5	4	3	5	8	3	5	11	6	5	8	5	7	6	101	building, establishment
other temporary buildings, establishments			3		4		3	5	1		3	3	3	1	3	5	3	1	3	7	2	7	5	62	other temporary buildings, establishments
explosive substance																									explosive substance
inflammable substance																									inflammable substance
inflammable gas																									inflammable gas
harmful substance			3		1		3	2				1	1					1	1				1	14	harmful substance
radiation																									radiation
other hazards, harmful substances			2					1	3	2	1		2	1	1		4	4	1	2	5	1	3	33	other hazards, harmful substances

metal material				1	1			1								1							4	metal material
lumber, bamboo													1				1						2	lumber, bamboo
stone, sand, substance							1	1									1						3	stone, sand, substance
other materials				2	1	1	2	1	1	1	2	2		1		2	4	2	2	4	1	29	other materials	
load		2	3	3		1		2	3	2	4	7	2	3	3	1	2	5	1	2	46	load		
machine/equipment as load												1		1	1			1	1	2		7	machine/equipment as load	
natural ground, rock																								natural ground, rock
standing tree									1									1			1	3	standing tree	
water									1		2								1		1	5	water	
abnormal environment																								abnormal environment
high/cold temperature environment							1	1	1	1	1	2						1			1	9	high/cold temperature environment	
other environments		3	1	1	2	3	1		1	3	2	5	5	4	1	2	4	2	4	3	47	other environments		
other causal agent		3	4	7	7	5	3	3	7	10	11	4	7	17	4	3	1	14	10	128	248	other causal agent		
no causal agent		13	7	15	9	15	17	20	12	11	13	8	14	12	11	16	15	19	16	31	274	no causal agent		
unclassifiable		3	2	3	2	1	2	1	1	1		1			1	1	2			1	22	unclassifiable		
total		91	91	112	109	98	95	100	102	103	112	90	113	135	107	114	129	128	152	311	2,292	total		

Workers age of fatal and non-fatal accidents in beauty salon 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	9	10	7	3	9	5		4	3	5	8	4	1	3	1		1	4	3		2	5	90	19 years old or less
20-29	46	51	49	58	42	60	67	62	51	47	50	44	46	42	30	47	55	33	28	34	34	31	116	1,123	20-29
30-39	13	11	14	15	24	16	15	21	18	16	20	20	25	28	18	27	26	29	30	25	25	36	58	530	30-39
40-49	6	10	8	10	8	9	11	8	12	16	12	17	15	20	16	15	21	18	24	27	31	22	58	394	40-49
50-59	9	9	7	8	11	8	10	13	9	10	7	6	8	11	14	17	17	16	17	21	25	26	39	318	50-59
60 years old or more	2	4	3	1	3	6	4	5	4	3	6	7	5	10	9	6	16	10	11	19	13	35	35	217	60 years old or more
total	79	94	91	99	91	108	112	109	98	95	100	102	103	112	90	113	135	107	114	129	128	152	311	2,672	total

Workers' number of workplace of fatal and non-fatal accidents in beauty salon 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	44	53	59	53	57	70	50	51	52	60	59	59	69	73	52	71	92	75	75	85	94	118	198	1,669	9 workers or less	
10-29	22	27	23	27	21	31	42	34	31	22	29	32	19	29	23	31	30	21	22	27	22	21	79	665	10-29	
30-49	10	7	4	4	5	6	13	11	7	8	5	2	9	4	10	7	12	7	8	11	8	5	16	179	30-49	
50-99	3	4	3	11	4	1	5	4	4	4	4	5	5	4	5	2		3	8	3	3	5	13	103	50-99	
100-299		3	2	1	3		2	9	3	1	2	4		1		2	1	1	1	3	1	1	5	46	100-299	
300 workers or more				3	1				1		1		1	1									2		10	300 workers or more
total	79	94	91	99	91	108	112	109	98	95	100	102	103	112	90	113	135	107	114	129	128	152	311	2,672	total	

Month of fatal and non-fatal accidents in beauty salon 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	5	6	9	9	7	8	13	11	18	5	7	10	13	8	6	11	17	8	11	12	9	13	20	236	January
February	6	6	10	8	6	10	9	3	11	8	5	7	12	14	6	6	8	6	11	9	6	10	13	190	February
March	5	10	7	5	11	4	13	7	10	10	7	9	14	5	13	10	14	10	10	14	8	10	18	224	March
April	7	11	3	14	9	12	7	14	6	11	13	11	15	10	7	16	10	15	8	11	11	12	25	258	April
May	10	11	11	13	4	15	12	15	6	8	6	4	11	11	11	10	17	15	12	4	8	14	29	257	May
June	10	6	7	3	5	15	8	9	7	10	15	9	5	8	7	11	7	9	11	11	9	9	20	211	June
July	6	7	11	8	13	7	11	9	9	11	8	11	4	18	9	7	10	11	11	19	18	15	30	263	July
August	7	10	10	8	5	2	6	7	6	6	11	8	7	7	5	8	12	6	5	13	23	14	83	269	August
September	8	3	8	10	9	13	5	8	5	8	7	7	7	9	3	10	9	6	8	10	12	9	27	201	September
October	7	5	5	6	7	13	11	8	10	9	11	11	6	11	10	3	17	11	11	8	11	10	17	218	October
November	3	11	6	12	9	6	7	10	9	7	5	8	4	5	9	12	5	7	6	8	7	12	17	185	November
December	5	8	4	3	6	3	10	8	1	2	5	7	5	6	4	9	9	3	10	10	6	24	12	160	December
total	79	94	91	99	91	108	112	109	98	95	100	102	103	112	90	113	135	107	114	129	128	152	311	2,672	total

Prefecture of fatal and non-fatal accidents in beauty salon 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	3	3		7		4	8	1	2	2		2	1	2	4	6	5	5	2	4	3	6	75	Hokkaido
Aomori	1	1						1		1				3	1	1		1		1	2	1	3	17	Aomori
Iwate			2				3	1	1	2		2	3	2		1		1	1				1	20	Iwate

Miyagi	2	2	3		2		2	3	1		2		1		1	3		4	1	1			7	35	Miyagi	
Akita	1	2						1			2			1		1	1		1				1	11	Akita	
Yamagata							1	1	2	2			2			1						1	2	12	Yamagata	
Fukushima	2				1		2		2	1			2	1	1	1			1	1	1		4	20	Fukushima	
Ibaraki	2		2		1		1	1	4	2			1		1	4	1	3	2	3	1	3	1	6	39	Ibaraki
Tochigi			2				2					1	1		3	1	2	4	1	1			3	3	24	Tochigi
Gunma	1	2						3	1	3	1				5		2	1	3	1	3		3	4	33	Gunma
Saitama	5	5	4		5		8	6	3	2	2	6	7	5	3	6	6	2	6	5	7	6	16	115	Saitama	
Chiba	8	5	2		1		5	6	6	3	5	13	6	5	2	4	5	8	2	1	1	10	20	118	Chiba	
Tokyo	7	13	15		17		11	21	11	17	19	17	18	17	19	12	19	17	19	21	23	21	63	397	Tokyo	
Kanagawa	8	6	7		6		16	7	10	4	6	7	7	10	7	9	10	4	6	14	6	12	19	181	Kanagawa	
Niigata			4		1		2		5	3	2	2			3	4	1	5	4	3	2	2	5	48	Niigata	
Toyama			1				1	2	2	1							1			1	3	1	1	14	Toyama	
Ishikawa	2	1	1					1	3		2		1							1		2		14	Ishikawa	
Fukui	1	1			1		1		3		1	1			1				2		2	2	1	17	Fukui	
Yamanashi					1										1	1	2		1	1	2		1	10	Yamanashi	
Nagano	1	1	3				2	3	1	3		1	2	3		1	2	3	2	1	4	3	2	38	Nagano	
Gifu	1	1	1		2				1	2	5	1	2	4	1	2	3	1	3		2	3	4	39	Gifu	
Shizuoka	6	1	2		3		2	4		3	3	4	3	1		4	2	5	3	3	3	5	4	61	Shizuoka	
Aichi	6	12	4		4		5	6	7	6	7	5	8	6	2	7	8	4	6	14	7	10	13	147	Aichi	
Mie	1	2					2						2	1	2					4			1	4	19	Mie
Shiga			1						1	1			2	2	1		2	3		1		2	3	2	21	Shiga
Kyoto		5	2		6		3	5	5	3	1	1	3	3	4	2	4	3	3	2	1	6	8	70	Kyoto	

Osaka	4	6	7		8		6	11	7	5	9	6	4	3	6	9	9	11	9	8	16	5	40	189	Osaka
Hyogo	2	2	2		4		1	6	5	5	3	5	4		6	3	8	5	3	10	2	3	10	89	Hyogo
Nara	3	1			1		1	1	1		2	3	5				5	2	2	2		3	3	35	Nara
Wakayama									1	1	1	3		2	1	1		1	1	2	3	4	3	24	Wakayama
Tottori		1					2					2					2				1	1		9	Tottori
Shimane		1	1		1		3			1		1	3	2	1	1			1		1	1	4	22	Shimane
Okayama	1		1				2		2	1	1		1	3	1	1	1	1	1	5		2	2	26	Okayama
Hiroshima	2	5	3		2		3	2	1	3	8	1	3	6	4	1	4	4	5	1	7	8	7	80	Hiroshima
Yamaguchi					2					5	1	2				1	2	1		1	1	1	3	20	Yamaguchi
Tokushima		1	1		1		1				1	1	1		1	1	1			1		1	4	16	Tokushima
Kagawa							1			1	2					2		1		1	1	1	2	12	Kagawa
Ehime		4	2		1		1			1	3			5		1	1	1	1	1		1	1	24	Ehime
Kochi										1	1		1		1	1	1		1	1		1	1	10	Kochi
Fukuoka	2	5	9		7		8	5	4	4	3	4	5	9	8	7	8	5	3	5	9	5	17	132	Fukuoka
Saga		1	1		1		1						2		1	2	1	1		1		1	1	14	Saga
Nagasaki			1		1				1							2	3	1	2		1	1		13	Nagasaki
Kumamoto	4	2			2		1	1	2	2	1		2	2	1	3	1	1	3	5	2	1	3	39	Kumamoto
Oita			3				4	2				1		1	1	5	1			1	1	3	1	24	Oita
Miyazaki		1	1		1		3	1	1	1		1	1		2		1		3	2	3	2	1	25	Miyazaki
Kagoshima	1				1				2	2	3	2	2	1			2		2	2	2	4	3	29	Kagoshima
Okinawa		1					1		1	1		2	1	3	2	2	3	4		5	2	5	5	38	Okinawa
total	79	94	91		91		112	109	98	95	100	102	103	112	90	113	135	107	114	129	128	152	311	2,465	total

pressure vessel																								pressure vessel
other pressure vessels																								other pressure vessels
chemical facilities																								chemical facilities
gas welding equipment																								gas welding equipment
arc welding equipment																								arc welding equipment
other welding equipment																								other welding equipment
kiln, caldron																								kiln, caldron
industrial dryer																								industrial dryer
other kiln, caldron																								other kiln, caldron
transmission																								transmission
electric power facilities																								electric power facilities
other electrical equipment																								other electrical equipment
human power cranes																								human power cranes
human power hauling equipment																								human power hauling equipment
human power machine																								human power machine

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																								working platform, boot board
passage																								passage
building, establishment									1								1						2	building, establishment
other temporary buildings, establishments																								other temporary buildings, establishments
explosive substance																								explosive substance
inflammable substance																								inflammable substance

100-299																											100-299	
300 workers or more																												300 workers or more
total			1			1			1	1				2	1							1					8	total

Month of fatal accidents in beauty salon 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	February
March													2													2	March
April														1												1	April
May										1																1	May
June																											June
July																				1						1	July
August																											August
September																											September
October																											October
November																											November
December			1																							1	December
total			1			1			1	1				2	1						1					8	total

Prefecture of fatal accidents in beauty salon in 1999-2021

Miyazaki																									Miyazaki	
Kagoshima																										Kagoshima
Okinawa																										Okinawa
total			1			1			1	1			2	1					1					8	total	

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

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