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
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

contact to harmful																									contact to
substance	3	5	5	1	1	2	3	3	5	3	1	1	3	1	1		2	3	1	3	5	2	3	57	harmful
substance																									substance
electric shock						1	1	1	1														2	6	electric shock
explosion																									explosion
burst																									burst
fire	2																							2	fire
traffic accident (public	2	6	4	6	7	15	11	10	6	4	5	11	12	12	10	8	9	0	8	8	1	7	7	177	traffic accident
road)	2	0	4	0	/	13	11	10	О	4	5	11	12	12	10	0	9	8	0	0	I	/	/	177	(public road)
traffic accident																1								1	traffic accident
(others)																								<u> </u>	(others)
reaction to																									reaction to
motion/improper	13	14	17	21	16	19	24	19	17	18	22	18	18	24	17	19	23	22	22	19	25	21	48	476	motion/improper
motion																									motion
others	1	1	2	4	2	2	2	5	4	1		3	8	6	1	3	8	2	1	3	7	10	122	198	others
unclassifiable		1	4	1	1	1	1	1	1	2	1				2		1			1				18	unclassifiable
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

Causal agents (large) of fatal and non-fatal accidents in beauty salon in 1999-2021

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		Causal (L)
edusar (E) ugents		2000	2001	2002	2003	2001	2003	2000	2007	2000	2005	2010	2011	2012	2013	2011	2013	2010	2017	2010	2013	2020	2021	1 1	agents
machine		1			1	1	1		1	2				1	1		1							10	machine
crane, conveying																									crane,

machine	3	9	7	8	9	19	17	9	8	6	7	9	13	12	13	9	8	7	9	9	2	5	4	202	conveying
machine																									machine
ather equipment	22	20	24	25	23	30	21	25	23	30	28	31	20	26	21	28	40	30	24	28	31	45	63	658	other
other equipment		20	24	25	23	30	21	25	23	30	20	31	20	20	21	20	40	30	24	20	31	43	03	036	equipment
to manage my buildings																									temporary
temporary buildings, establishments	30	38	31	30	37	29	39	49	36	28	34	35	34	38	28	46	45	42	50	61	46	64	71	941	buildings,
establishments																									establishments
substance, material	7	7	5	7	4	6	5	5	5	5	2	2	5	3	2	1	4	8	8	4	7	5	5	112	substance,
substance, material							J	J	5					3				0	0	4	,			112	material
load	2	5	2	3	3	4	3		1		2	3	3	4	7	3	4	3	1	3	6	3	2	67	load
environment	3		3	2	1	4	1	3	3	2	3	2	6	4	5	5	4	1	2	6	3	4	6	73	environment
others	12	14	19	24	13	15	25	18	21	22	24	20	22	24	13	21	29	16	20	18	33	26	160	609	others
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

Causal agents (middle) of fatal and non-fatal accidents in beauty salon in 1999-2021

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	total	Causal (M) agents
engine																									engine
power transmission mechanism																									power transmission mechanism
woodworking machine										1														1	woodworking machine

construction machine																									construction
																									machine
metal manufacturing																									metal
machine																									manufacturing
																									machine
general machine		1			1	1	1		1	1				1	1		1							9	general
3																									machine
mobile silviculture																									mobile
machine																									silviculture
																									machine
crane																	1							1	crane
convoying machine			1	1	2	3			,	1		1		1	1	1		1					1	16	conveying
conveying machine			I	•		3			2					ľ	I								ľ	16	machine
vehicle	3	9	6	7	7	16	17	9	6	5	7	8	13	11	12	8	7	6	9	9	2	5	3	185	vehicle
pressure vessel			1						2	1													1	5	pressure vessel
chemical facilities																									chemical
chemical facilities																									facilities
																									welding
welding equipment																									equipment
kiln, caldron																									kiln, caldron
						,					1							,		1				1.7	electric
electric equipment		l I	1				2			2	1	1	I					'		'			4	17	equipment
human power machine,	12	12	1.1	1.0	1.4	12	10	10		10		1.0	12	1.5		10	1.4	1.5	12	10		1.0	20	200	human power
tools	12	13	11	16	14	12	10	10	8	10	9	16	12	15	7	10	14	15	12	10	8	18	28	290	machine, tools

tools	8	2	10	9	8	12	9	12	11	10	7	12	6	9	9	15	16	11	11	14	15	20	19	255	tools
other equipments,	2	4	1		1	5		3	2	7	11	2	1	2	5	2	10	3	1	3	8	7	11	91	other equipments, facilities
temporary buildings, establishments	30	38	31	30	37	29	39	49	36	28	34	35	34	38	28	46	45	42	50	61	46	64	71	941	temporary buildings, establishments
hazards, harmful substances	4	4	5	1	1	3	3	3	3	2	1	1	3	1	1		4	5	2	2	5	1	4	59	hazards, harmful substances
materials	3	3		6	3	3	2	2	2	3	1	1	2	2	1	1		3	6	2	2	4	1	53	materials
load	2	5	2	3	3	4	3		1		2	3	3	4	7	3	4	3	1	3	6	3	2	67	load
natural environment	3		3	2	1	4	1	3	3	2	3	2	6	4	5	5	4	1	2	6	3	4	6	73	natural environment
other causal agent	4	3	3	7	4	2	7	7	5	3	3	7	10	11	4	7	17	4	3	1	14	10	128	264	other causal agent
no causal agent	6	9	13	14	7	12	15	9	15	17	20	12	11	13	8	14	12	11	16	15	19	16	31	315	no causal agent
unclassifiable	2	2	3	3	2	1	3	2	1	2	1	1	1		1			1	1	2			1	30	unclassifiable
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

Causal agents (small) of fatal and non-fatal accidents in beauty salon in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents

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													foundation work

		 	 	 	 		 	 	 $\overline{}$	 	 	
hardening machine												hardening machine
demolition machine												demolition machine
vehicle for high lift												vehicle for high lift
work												work
other construction												other construction
machines												machines
lathe												lathe
drill press, milling												drill press, milling
machine												machine
grinding machine,												grinding machine,
buffing machine												buffing machine
power press												power press
forging pressure												forging pressure
hammer												hammer
shearing machine												shearing machine
other metal												other metal
manufacturing												manufacturing
machines												machines
centrifugal machine												centrifugal machine
mixer, grinder												mixer, grinder
roll machine (except												roll machine (excep
printingroll												printingroll
machine)												machine)
injection molding												injection molding

machine															machine
food manufacturing															food manufacturing
machine															machine
printing machine															printing machine
industrial robot															industrial robot
other general			1	1	1	1		1	1	1				7	other general
power machines			1	ľ		ľ		I	ı	I				11.7	power machines
felling machine															felling machine
mobile logging															mobile logging
machine															machine
skyline yarding															skyline yarding
machine															machine
other mobile															other mobile
silviculture machine															silviculture machine
crane															crane
mobile crane															mobile crane
derrick crane															derrick crane
elevator, lift										1				1	elevator, lift
cargo lifting															cargo lifting
appliance															appliance
gondola															gondola
lumberyard															lumberyard
equipment, logging															equipment, logging
cableway															cableway

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simple skyline																									simple skyline
yarding equipment																									yarding equipment
other powered																									other powered
crane																									crane
truck			1		2				2	1		1		1	1	1		1					1	12	truck
forklift																									forklift
railway equipment																									railway equipment
conveyor																									conveyor
loader																									loader
straddle carrier																									straddle carrier
rough terrain hauler																									rough terrain hauler
other powered																									other powered
conveying machines																									conveying machines
cars, bus,																									cars, bus,
motorcycle			6		7		15	9	6	5	6	7	12	11	12	8	7	6	8	9	2	5	3	144	motorcycle
railway vehicle																									railway vehicle
other vehicles							2				1	1	1						1					6	other vehicles
boiler			1						2															3	boiler
pressure vessel																									pressure vessel
other pressure																							1		other pressure
vessels										ľ														2	vessels
chemical facilities																									chemical facilities
gas welding																									gas welding

equipment																						equipment
arc welding																						arc welding
equipment																						equipment
other welding																						other welding
equipment																						equipment
kiln, caldron																						kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron																						other kiln, caldron
transmission		1					1	1	1											1	5	transmission
electric power																						electric power
facilities																						facilities
other electrical																					10	other electrical
equipment				2						I			1		1					3	10	equipment
human power																						human power
cranes					I															I	2	cranes
human power		2	3		2	2	2		2	3	6	1	3	5	5	3	1	1	1	5	47	human power
hauling equipment		2	5		2	2				3			3	5		3		ľ		3	47	hauling equipment
human power																						human power
machine																						machine
hand tool		9	11	10	7	6	8	9	14	9	9	6	7	9	10	9	9	7	17	22	188	hand tool
ladder		4	1	1	5	4	4	5	4		6	4	5	9	6	6	5	7	5	6	87	ladder
slinging tool																						slinging tool
other tools		6	7	8	7	7	6	2	8	6	3	5	10	7	5	5	9	8	15	13	137	other tools
other equipment,																						other equipment,

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,		2			1	3	2	1		2	1	1		4	4	1	2	5	1	3	33	other hazards,

	\square						-		-			-							-			
metal material			1	1			1								1						4	metal material
lumber, bamboo												1				1					2	lumber, bamboo
stone, sand,					1		1									1						stone, sand,
substance					I																3	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										1			1	1			1	1			7	machine/equipment
as load										I			I	I					2			as load
natural ground,																						natural ground,
rock																						rock
standing tree								1									1			1	3	standing tree
water								1		2								1		1	5	water
abnormal																						abnormal
environment																						environment
high/cold																						high/cold
temperature					1		1	1	1	1	2						1			1	9	temperature
environment																						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

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	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																								ll l	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				2	1				1		1		1	1								2		10	300 workers or
more													•												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	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

Hokkaido 5 3 3 7 4 8 1 2 2 1 2 4 6 5 5 2 4 3 6 75 Aomori 1 1 1 1 1 1 1 1 1 1 1 2 1 3 17					2017	2016	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	Prefecture
Aomori 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Hokkaido	75	6	3	4	2	5	5	6	4	2	1	2		2	2	1	8	4		7		3	3	5	Hokkaido
	Aomori	17	3	1	2	1		1		1	1	3				1		1						1	1	Aomori
Iwate 2 3 1 1 2 2 3 2 1 1 1 1 20	lwate	20	1				1	1		1		2	3	2		2	1	1	3				2			lwate

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

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

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

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Fatal accidents in beauty salon in Japan in 1999-2021

beauty salon industry Code No.080302

Type of fatal 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										1									1					2	fall from height
falling to same level																									falling to same
laming to same level																									level
crash																									crash
struck by flying or																									struck by flying
falling object																									or falling object
collapse																									collapse
crashed by																									crashed by
saught in/hatwaan																									caught
caught in/between																									in/between
cut																									cut

	=			=	_	=	=	=	 		=	=	=	=	=	=		 	
injury to the sole of																			injury to the sole
the foot																			of the foot
drown									1									1	drown
contact to high/low-																			contact to high/low-
contact to harmful substance																			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		1		1	1		2	1					1			8	total

Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	202	2021	total	Causal (L) agents
machine																									machine
crane, conveying machine			1			1			1															3	crane, conveying machine
other equipment																									other equipment
temporary buildings, establishments										1									1					2	temporary buildings, establishments
substance, material																									substance, material
load																									load
environment													2											2	environment
others														1										1	others
total			1			1			1	1			2	1					1					8	total

Causal agents (middle) of fatal accidents in beauty salon in 1999-2021

Causal (M) agents	1000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2010	2020	2021	total	Causal (M)
ausai (M) ageilts	1999	2000	2001	2002	2003	2004	2003	2000	2007	2008	2009	2010	2011	2012	2013	2014	2013	2010	2017	2010	2019	2020	2021	totai	agents

engine														engine
power transmission mechanism														power transmission mechanism
woodworking machine														woodworking machine
construction machine														construction machine
metal manufacturing machine														metal manufacturing machine
general machine														general machine
mobile silviculture machine														mobile silviculture machine
crane														crane
conveying machine														conveying machine
vehicle	1		1		1								3	vehicle
pressure vessel														pressure vessel
chemical facilities														chemical facilities
welding equipment														welding equipment

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

total			1			1			1	1			2	1					1					8	total	
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Causal agents (small) of fatal accidents in beauty salon in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents
engine																									engine
power transmission																									power transmission
mechanism																									mechanism
circular sawing																									circular sawing
machine																									machine
band sawing																									band sawing
machine																									machine
wood planer																									wood planer
machine																									machine
hollow chisel																									hollow chisel
mortiser, wood																									mortiser, wood
borer																									borer
chamfering																									chamfering
machine, router,																									machine, router,
woodworking																									woodworking
milling machine																									milling machine
chain saw																									chain saw
other woodworking																									other woodworking
machines																									machines

leveling,												leveling,
transporting or												transporting or
loading machine												loading machine
excavating machine												excavating machine
foundation work												foundation work
machine												machine
hardening machine												hardening machine
demolition machine												demolition machine
vehicle for high lift												vehicle for high lift
work												work
other construction												other construction
machines												machines
lathe												lathe
drill press, milling												drill press, milling
machine												machine
grinding machine,												grinding machine,
buffing machine												buffing machine
power press												power press
forging pressure												forging pressure
hammer												hammer
shearing machine												shearing machine
other metal												other metal
manufacturing												manufacturing
machines												machines

centrifugal machine														centrifugal machine
mixer, grinder														mixer, grinder
roll machine (except printingroll machine)														roll machine (except printingroll machine)
injection molding machine														injection molding machine
food manufacturing machine														food manufacturing machine
printing machine														printing machine
industrial robot														industrial robot
other general power machines														other general power machines
felling machine														felling machine
mobile logging machine														mobile logging
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														elevator, lift
	11		11	11								11		

cargo lifting													cargo lifting
appliance													appliance
gondola													gondola
lumberyard													lumberyard
equipment, logging													equipment, logging
cableway													cableway
simple skyline													simple skyline
yarding equipment													yarding equipment
other powered													other powered
crane													crane
truck													truck
forklift													forklift
railway equipment													railway equipment
conveyor													conveyor
loader													loader
straddle carrier													straddle carrier
rough terrain hauler													rough terrain hauler
other powered													other powered
conveying machines													conveying machines
cars, bus,													cars, bus,
motorcycle												3	motorcycle
railway vehicle													railway vehicle
other vehicles													other vehicles
boiler													boiler

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

hand tool														hand tool
ladder														ladder
slinging tool														slinging tool
other tools														other tools
other equipment,														other equipment,
facilities														facilities
scaffolding														scaffolding
timbering														timbering
stairs, landing stage														stairs, landing stage
opening														opening
roof, beam, haze,														roof, beam, haze,
crossbeam,														crossbeam,
principal rafter														principal rafter
working platform,														working platform,
boot board														boot board
passage														passage
building,					1					1			2	building,
establishment					•					•				establishment
other temporary														other temporary
buildings,														buildings,
establishments														establishments
explosive substance														explosive substance
inflammable														inflammable
substance														substance

inflammable gas														inflammable gas
harmful substance														harmful substance
radiation														radiation
other hazards,														other hazards,
harmful substances														harmful substances
metal material														metal material
lumber, bamboo														lumber, bamboo
stone, sand,														stone, sand,
substance														substance
other materials														other materials
load														load
machine/equipment														machine/equipment
as load														as load
natural ground,														natural ground,
rock														rock
standing tree														standing tree
water							2						2	water
abnormal														abnormal
environment														environment
high/cold														high/cold
temperature														temperature
environment														environment
other environments														other environments
other causal agent														other causal agent

	\Box				\Box	\Box		\Box		\Box	\Box	\Box			\Box		
no causal agent										1						1	no causal agent
unclassifiable																	unclassifiable
total		1		1		1	1		2	1			1			8	total

Workers age of 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																									19 years old or less
20-29			1			1			1	1				1										5	20-29
30-39																									30-39
40-49													1											1	40-49
50-59													1						1					2	50-59
60 years old or																									60 years old or
more																									more
total			1			1			1	1			2	1					1					8	total

Workers' number of workplace of 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			1							1			2	1										5	9 workers or less
10-29						1			1										1					3	10-29
30-49																									30-49
50-99																									50-99
					\Box					\Box		\Box	\Box		\Box		\Box								

100-299																	100-299
300 workers or																	300 workers or
more																	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	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																									Hokkaido
Aomori																									Aomori
lwate													1											1	lwate
Miyagi													1											1	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima																									Fukushim
lbaraki																									Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama																									Saitama
Chiba																									Chiba
Tokyo														1										1	Tokyo
Kanagawa						1																		1	Kanagaw
Niigata																									Niigata
Toyama																									Toyama
Ishikawa																									Ishikawa
Fukui																									Fukui
Yamanashi																									Yamanas
Nagano																									Nagano
Gifu																									Gifu

Shizuoka															Shizuoka
Aichi					1									1	Aichi
Mie															Mie
Shiga															Shiga
Kyoto															Kyoto
Osaka															Osaka
Hyogo						1								1	Hyogo
Nara															Nara
Wakayama															Wakayama
Tottori															Tottori
Shimane															Shimane
Okayama															Okayama
Hiroshima											1			1	Hiroshima
Yamaguchi															Yamaguchi
Tokushima															Tokushima
Kagawa															Kagawa
Ehime															Ehime
Kochi															Kochi
Fukuoka		1												1	Fukuoka
Saga															Saga
Nagasaki															Nagasaki
Kumamoto															Kumamoto
Oita															Oita

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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