

Fatal and non-fatal accidents in tobacco products in Japan in 1999-2021

tobacco products industry Code No.011704

Type of accidents in tobacco products 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	3	3	3	5	2	1	1	4	1	1	2	2					1	1		2		1	1	34	fall from height	
falling to same level	5	7	10	5	4	5	2	4	1	2	1	2	2		2	4			1	1	1	2	1	62	falling to same level	
crash	1	1	1			3	1	1	1	2	1		1	2				1	1			1		18	crash	
struck by flying or falling object		1		1	3	1			2							1				1	1			11	struck by flying or falling object	
collapse		1		1	1																1			4	collapse	
crashed by	1	1	2	1						1										1				7	crashed by	
caught in/between	6	10	5	3	6	5	3	5	3	5	2	3			1	2		1	1	1		1		63	caught in/between	
cut			3	2	2			1														1		9	cut	
injury to the sole of the foot																										injury to the sole of the foot
drown																										drown
contact to high/low-temperature		1					1																	2	contact to high/low-temperature	

machine																											machine			
food manufacturing machine																											food manufacturing machine			
printing machine																											printing machine			
industrial robot																											industrial robot			
other general power machines			6		4		1	3	1	3	2	2													1			2	25	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	elevator, lift	
cargo lifting appliance																													cargo lifting appliance	
gondola																													gondola	
lumberyard equipment, logging																													lumberyard equipment, logging	

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								1																	1	2	electric power facilities			
other electrical equipment																											other electrical equipment			
human power cranes																											human power cranes			
human power hauling equipment			1			1		1	1	1															1	1	7	human power hauling equipment		
human power machine																											human power machine			
hand tool															1												1	hand tool		
ladder					1				1																	1	3	ladder		
slinging tool																												slinging tool		
other tools			1		2			1	1						1											1	1	1	9	other tools

harmful substances																								harmful substances	
metal material			2		1						1												4	metal material	
lumber, bamboo																								lumber, bamboo	
stone, sand, substance																								stone, sand, substance	
other materials					1		1				2						1				1	6	other materials		
load			1		1		1	2		3		1	1							2		2	14	load	
machine/equipment as load																								machine/equipment as load	
natural ground, rock																			1				1	natural ground, rock	
standing tree																								standing tree	
water																				1			1	water	
abnormal environment																								abnormal environment	
high/cold temperature environment																								high/cold temperature environment	
other environments			1				1							1									3	other environments	
other causal agent										1													1	other causal agent	
no causal agent			1		2		2	1			1		1		1	1			1	1	2		14	no causal agent	
unclassifiable																								unclassifiable	
total			32		22		14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	185	total

Workers age of fatal and non-fatal accidents in tobacco products 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									2	19 years old or less
20-29	4	1	4		2		3	2	2	1			1			1	1	1		1	1		1	26	20-29
30-39		4	5	6	7		1	3	3	2	2	1		1		1		1		1	1	1	1	41	30-39
40-49	3	9	9	5	6	8	4	1	3	3		5		2	1	2	1		1	2	1	1	4	71	40-49
50-59	8	8	14	11	4	4	4	8	2	6	4	6	3	2		1		1		3	4	4	1	98	50-59
60 years old or more	2	3		2	3	3	2	3		2	1				1	2			2	1		2		29	60 years old or more
total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	267	total

Workers' number of workplace of fatal and non-fatal accidents in tobacco products 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	3	2		1					1							1	1	1	1		13	9 workers or less
10-29	1			1	4	1		1		1				1		1	1	1		2	1	1	1	18	10-29
30-49			4	1	1	2		1	1			1		1				1						13	30-49
50-99	2	6	4	4	3	1	4	5	1	3	1	1			1					1			1	38	50-99
100-299	6	13	12	12	10	11	5	8	3	8	4	8	2	2	2	4	1	1	1	2	3	6	3	127	100-299
300 workers or more	8	7	10	3	2		4	2	5	2	2	1	2	1		2			1	2	2		2	58	300 workers or more
total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	267	total

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																							building, establishment
other temporary buildings,																							other temporary buildings,

Saga																								Saga	
Nagasaki																									Nagasaki
Kumamoto																									Kumamoto
Oita																									Oita
Miyazaki																									Miyazaki
Kagoshima																									Kagoshima
Okinawa																									Okinawa
total					1																			1	total

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

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