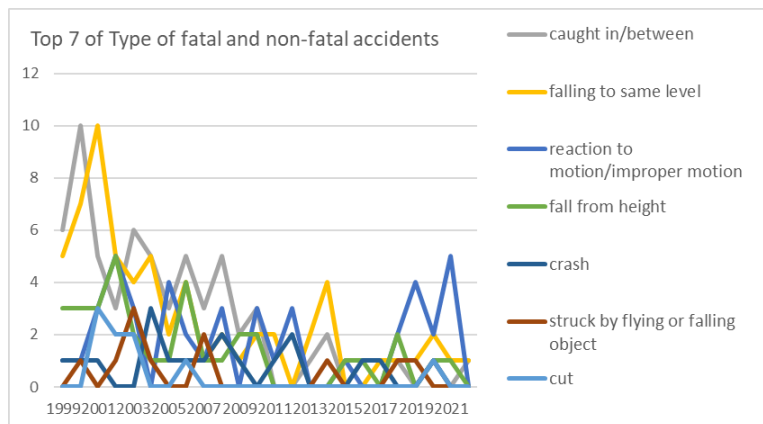
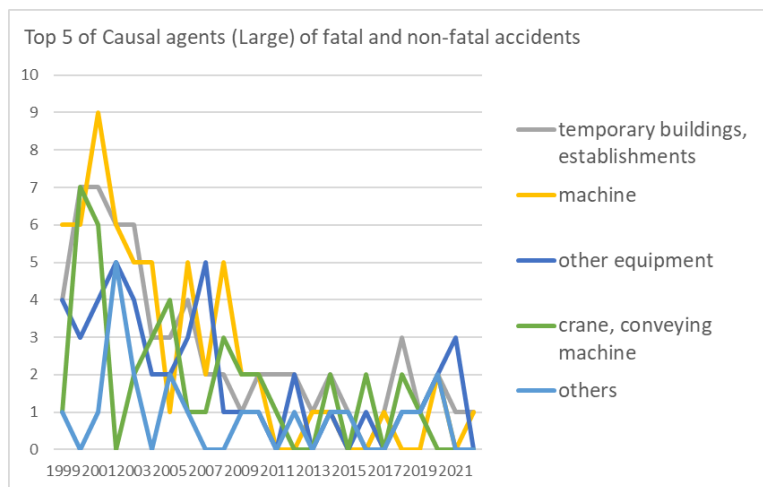


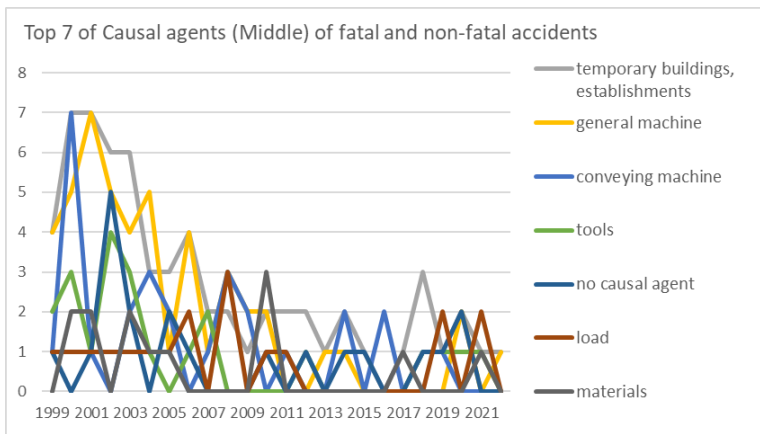
Transition of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



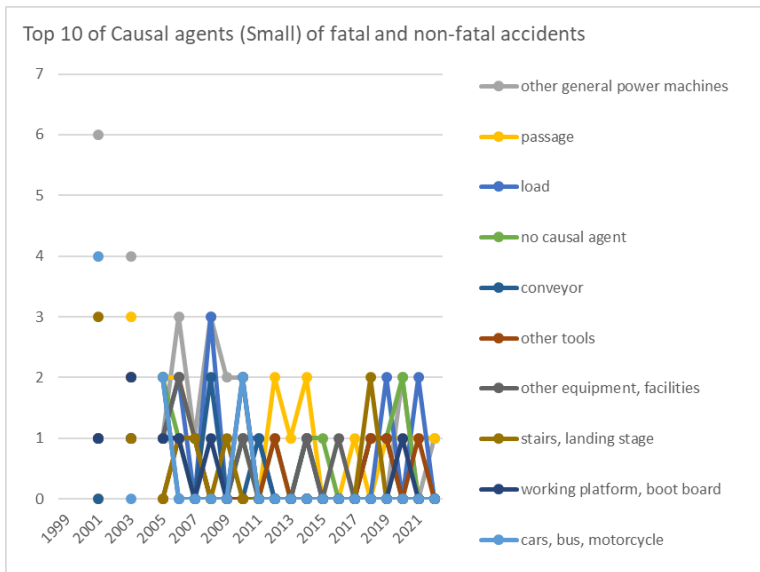
Transition of Top 7 of Type of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



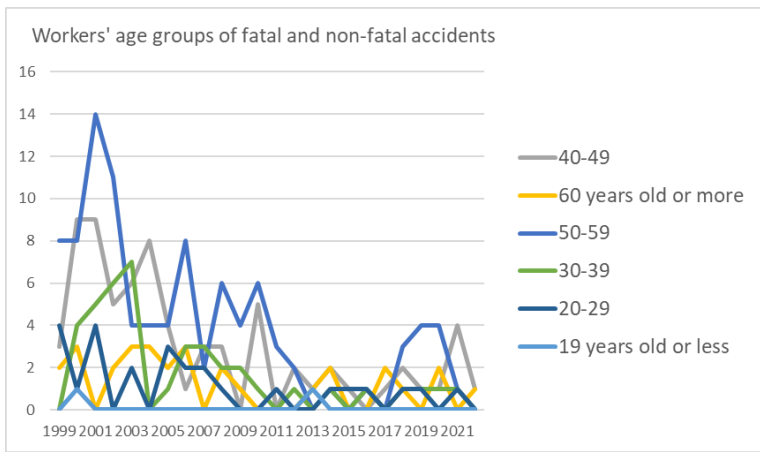
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



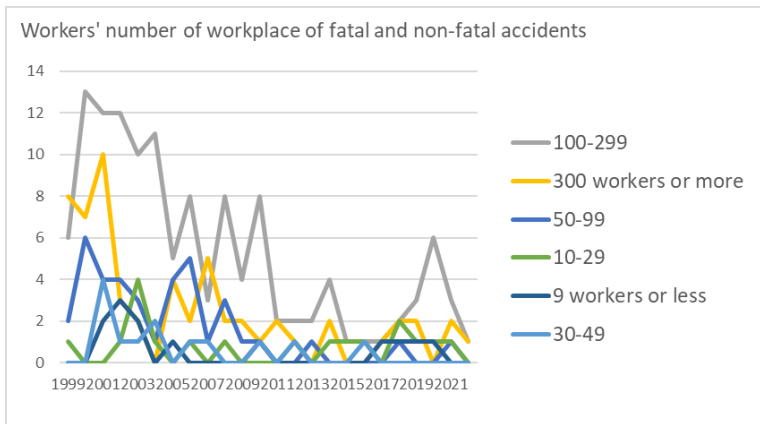
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



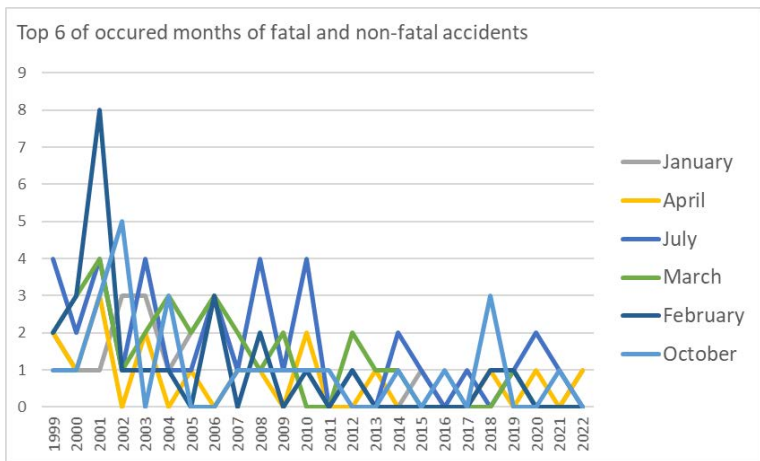
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



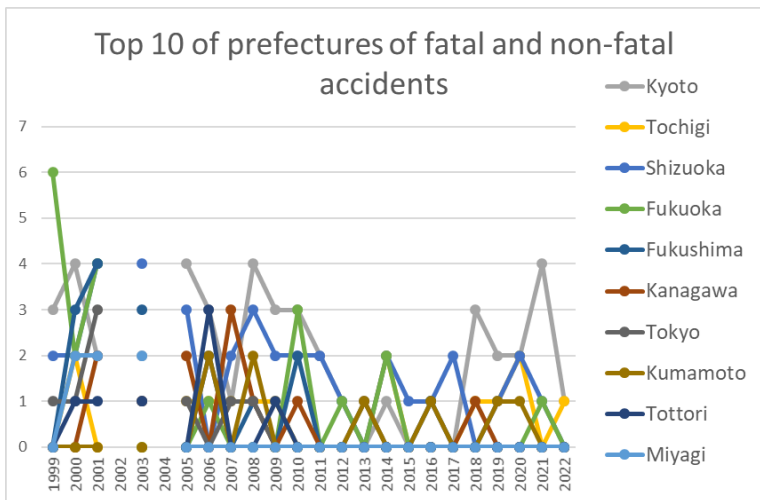
Transition of workers' age groups of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

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	2022	total	Type of accidents	
caught in/between	6	10	5	3	6	5	3	5	3	5	2	3			1	2			1	1	1		1		1	64	caught in/between
falling to same level	5	7	10	5	4	5	2	4	1	2	1	2	2		2	4			1	1	1	2	1	1	63	falling to same	

explosion																										explosion	
burst																											burst
fire																											fire
traffic accident (others)																											traffic accident (others)
total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	2	269	total	

Transition of Causal agents (Large) of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

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	2022	total	Causal (L) agents
temporary buildings, establishments	4	7	7	6	6	3	3	4	2	2	1	2	2	2	1	2	1		1	3	1	2	1	1	64	temporary buildings, establishments
machine	6	6	9	6	5	5	1	5	2	5	2	2			1	1			1			2		1	60	machine
other equipment	4	3	4	5	4	2	2	3	5	1	1	1		2		1		1		1	1	2	3		46	other equipment
crane, conveying machine	1	7	6		2	3	4	1	1	3	2	2	1			2		2		2	1				40	crane, conveying machine
others	1		1	5	2		2	1			1	1		1		1	1			1	1	2			21	others
load	1	1	1	1	1	1	1	2		3		1	1								2		2		18	load
substance, material		2	3	1	2	1	1					3							1					1	15	substance, material
environment			1					1							1					1	1				5	environment

total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	2	269	total
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Transition of Causal agents (Middle) of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

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	2022	total	Causal (M) agents	
temporary buildings, establishments	4	7	7	6	6	3	3	4	2	2	1	2	2	2	1	2	1		1	3	1	2	1	1	64	temporary buildings, establishments	
general machine	4	5	7	5	4	5	1	4	1	3	2	2			1	1							2		1	48	general machine
conveying machine	1	7	1		2	3	2		1	3	2		1			2		2		1	1					29	conveying machine
tools	2	3	1	4	3	1		1	2					1						1	1	1	1			22	tools
no causal agent	1		1	5	2		2	1				1		1		1	1				1	1	2			20	no causal agent
load	1	1	1	1	1	1	1	2		3		1	1								2			2		18	load
materials		2	2		2	1	1					3							1					1		13	materials
other equipments, facilities	2		1	1	1		1	2	1			1				1		1								12	other equipments, facilities
vehicle			5				2					2								1						10	vehicle
human power machine, tools			1			1	1		1	1	1			1									1	1		9	human power machine, tools
power transmission mechanism		1						1	1	2									1							6	power transmission mechanism

hauling equipment																								hauling equipment		
other materials				1		1					2							1				1		6	other materials	
power transmission mechanism								1	1	2														5	power transmission mechanism	
building, establishment			2																					4	building, establishment	
metal material			2		1							1												4	metal material	
ladder					1							1											1		3	ladder
other temporary buildings, establishments			1															1							3	other temporary buildings, establishments
other environments			1					1																	3	other environments
circular sawing machine			2																						2	circular sawing machine
mixer, grinder			1																						2	mixer, grinder
other vehicles			1																						2	other vehicles
electric power facilities																							1		2	electric power facilities
drill press, milling machine																									1	drill press, milling machine
roll machine (except printingroll machine)																									1	roll machine (except printingroll machine)
elevator, lift																									1	elevator, lift
truck																									1	truck

environment																										environment	
unclassifiable																											unclassifiable
total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	2	269	total	

Transition of workers' age groups of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Age
40-49	3	9	9	5	6	8	4	1	3	3		5		2	1	2	1		1	2	1	1	4	1	72	40-49
60 years old or more	2	3		2	3	3	2	3		2	1				1	2			2	1		2		1	30	60 years old or more
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
30-39		4	5	6	7		1	3	3	2	2	1		1		1		1		1	1	1	1		41	30-39
20-29	4	1	4		2		3	2	2	1			1			1	1	1		1	1		1		26	20-29
19 years old or less		1													1										2	19 years old or less
total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	2	269	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

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	2022	total	Workers scale
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	1	128	100-299
300 workers or more	8	7	10	3	2		4	2	5	2	2	1	2	1		2			1	2	2		2	1	59	300 workers or more
50-99	2	6	4	4	3	1	4	5	1	3	1	1			1					1			1		38	50-99
10-29	1			1	4	1		1		1				1		1	1	1		2	1	1	1		18	10-29
9 workers or less			2	3	2		1					1							1	1	1	1			13	9 workers or less
30-49			4	1	1	2		1	1			1		1				1							13	30-49

total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	2	269	total
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Transition of occurred months of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Month
January	2	1	1	3	3	1	2	3	1	1	1	1					1			1	1			1	24	January
April	2	1	3		2		1		1	1		2			1					1		1		1	17	April
July	4	2	4	1	4	1	1	3	1	4	1	4		1		2	1		1		1	2	1		39	July
March	2	3	4	1	2	3	2	3	2	1	2			2	1	1					1				30	March
February	2	3	8	1	1	1		3		2		1		1						1	1				25	February
October	1	1	3	5		3			1	1	1	1	1			1		1		3			1		24	October
November	1	3	1	2	2	1	1	3	1	1				1		1		1			2	1	1		23	November
May	1	3	5	2	2				1	1	1	1	2			1						2			22	May
June		1	2	4	3	3	2		1			1						1							18	June
September	1	2	1	1	1		3	1		1			1						1	1	1	1	1		17	September
August	1	4		3		2		1								1				1		1	2		16	August
December		2		1	2		2		1	1	1	1			1				1				1		14	December
total	17	26	32	24	22	15	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	2	269	total

Transition of prefectures of fatal and non-fatal accidents in 011704 tobacco products in Japan (1999-2022)

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	total	Prefecture
Kyoto	3	4	2		2		4	3	1	4	3	3	2	1		1				3	2	2	4	1	45	Kyoto
Tochigi		2					1	1	1	1	1					2				1	1	2		1	14	Tochigi
Shizuoka	2	2	4		4		3		2	3	2	2	2	1		2	1	1	2		1	2	1		37	Shizuoka
Fukuoka	6	2	4					1				3		1		2							1		20	Fukuoka

