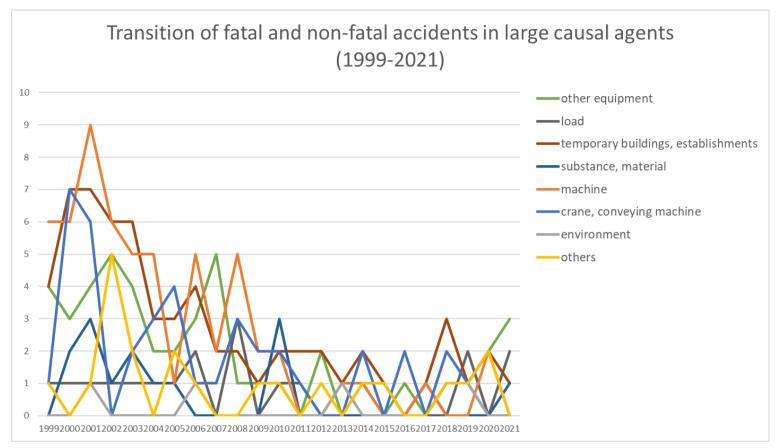
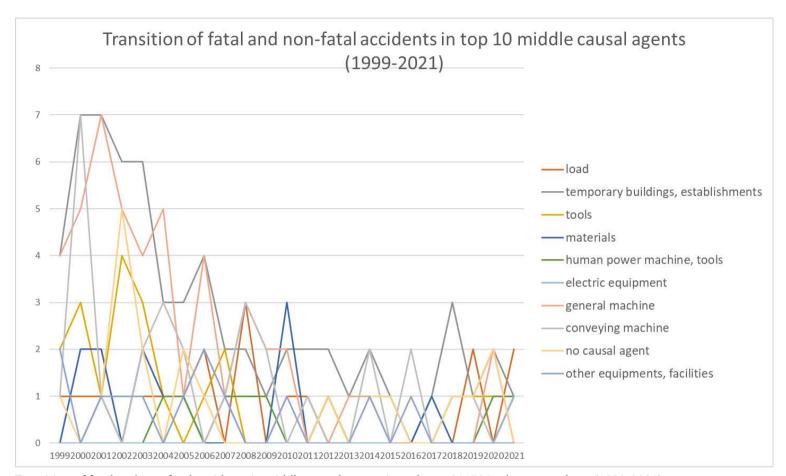
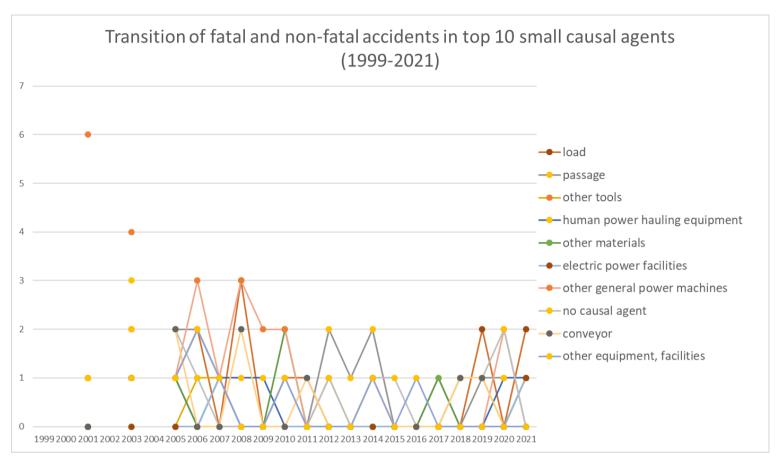
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 011704 tobacco products (1999-2021)



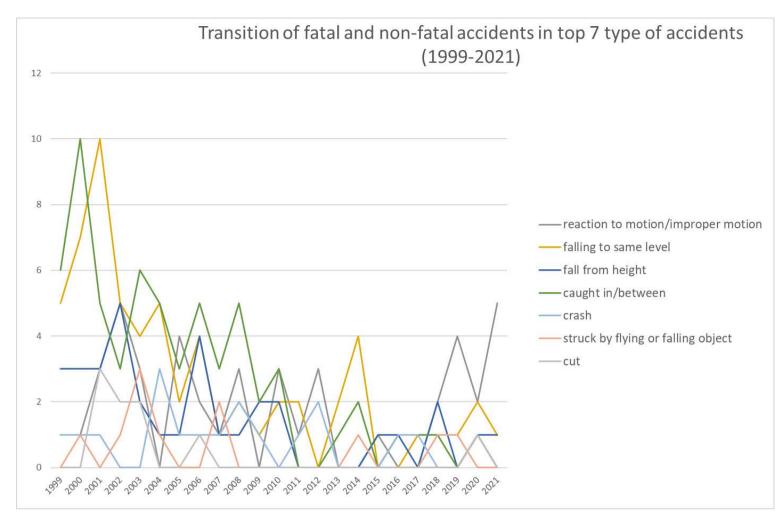
Transition of fatal and non-fatal accidents in large causal agents in code no. 011704 tobacco products (1999-2021)



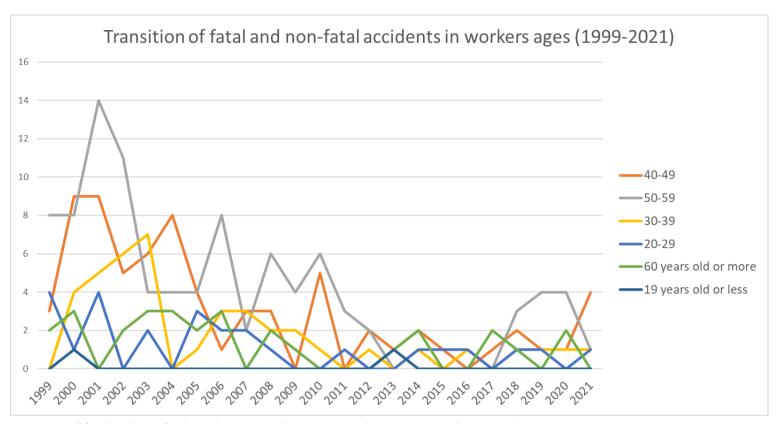
Transition of fatal and non-fatal accidents in middle causal agents in code no. 011704 tobacco products (1999-2021)



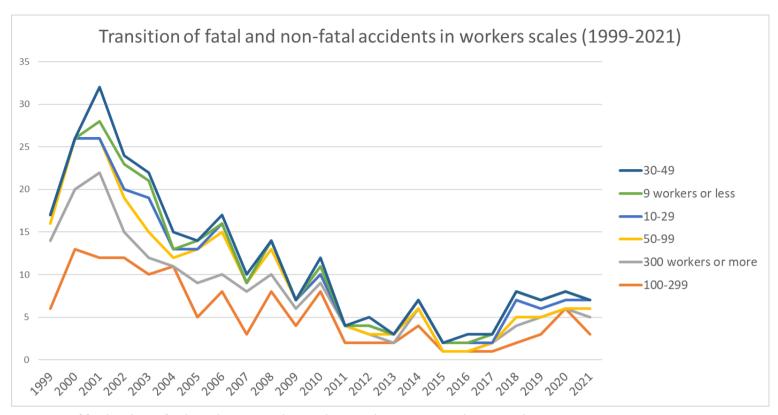
Transition of fatal and non-fatal accidents in small causal agents in code no. 011704 tobacco products (1999-2021)



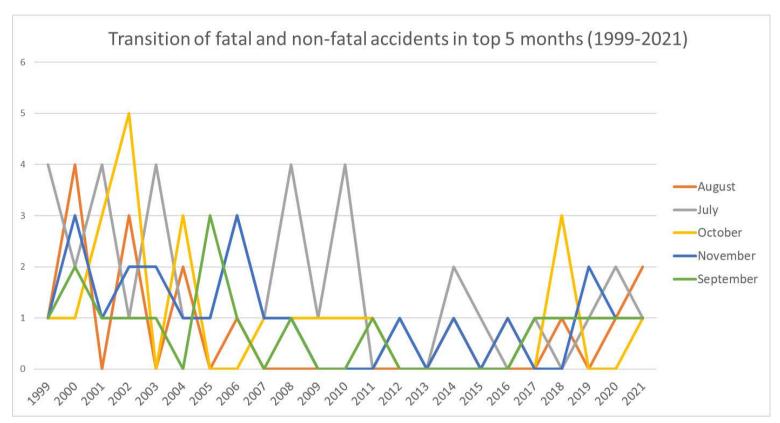
Transition of fatal and non-fatal accidents in type of accidents in code no. 011704 tobacco products (1999-2021)



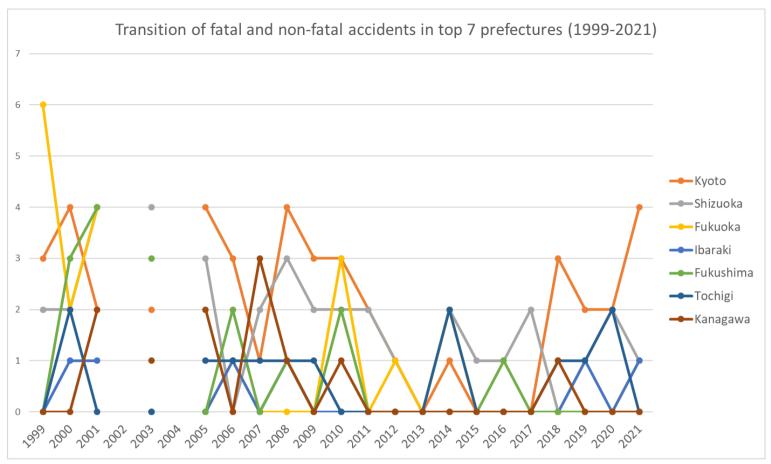
Transition of fatal and non-fatal accidents in workers ages in code no. 011704 tobacco products (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 011704 tobacco products (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 011704 tobacco products (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 011704 tobacco products (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 011704 tobacco products (1999-2021)

code	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)
																										agents
			2	4	_		2	_	_	_	1	1	1						1		1	1		_		other
3	other equipment	4	3	4	5	4	2	2	3	5	1		I		2				ı				2	3	46	equipment
6	load	1	1	1	1	1	1	1	2		3		1	1								2		2	18	load
																										temporary
4	temporary buildings,	4	7	7	6	6	3	3	4	2	2	1	2	2	2	1	2	1		1	3	1	2	1	63	buildings,

	establishments																									establishments
5	substance, material		2	3	1	2	1	1					3							1				1	15	substance, material
1	machine	6	6	9	6	5	5	1	5	2	5	2	2			1	1			1			2		59	machine
2	crane, conveying machine	1	7	6		2	3	4	1	1	3	2	2	1			2		2		2	1				crane, conveying machine
7	environment			1					1							1					1	1			5	environment
9	others	1		1	5	2		2	1			1	1		1		1	1			1	1	2		21	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	267	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 011704 tobacco products (1999-2021)

code	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)
61	load	1	1	1	1	1	1	1	2		3		1	1								2		2	18	load
41	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	63	temporary buildings, establishments
37	tools	2	3	1	4	3	1		1	2					1						1	1	1	1	22	tools
52	materials		2	2		2	1	1					3							1				1	13	materials
36	human power machine, tools			1			1	1		1	1	1			1								1	1	9	human power machine, tools
35	electric equipment									1														1	2	electric equipment

16	general machine	4	5	7	5	4	5	1	4	1	3	2	2			1	1						2	47	general machine
22	conveying machine	1	7	1		2	3	2		1	3	2		1			2		2		1	1		29	conveying machine
92	no causal agent	1		1	5	2		2	1				1		1		1	1			1	1	2	20	no causal agent
39	other equipments,	2		1	1	1		1	2	1			1				1		1					12	other equipments, facilities
23	vehicle			5				2					2								1			10	vehicle
12	power transmission mechanism		1						1	1	2									1				6	power transmission mechanism
71	natural environment			1					1							1					1	1		5	natural environment
13	woodworking machine			2	1																			3	woodworking machine
15	metal manufacturing machine	2				1																		3	metal manufacturing machine
51	hazards, harmful substances			1	1																			2	hazards, harmful substances
21	crane								1															1	crane
31	pressure vessel			1																				1	pressure vessel

91	other causal agent											1													1	other causal
	other causar agent																									agent
11	engine																									engine
1.4																										construction
14	construction machine																									machine
	mobile silviculture																									mobile
17	machine																									silviculture
	machine																									machine
32	chemical facilities																									chemical
32	chemical facilities																									facilities
33	aldina aguina ant																									welding
33	welding equipment																									equipment
34	kiln, caldron																									kiln, caldron
99	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	267	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 011704 tobacco products (1999-2021)

code	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
611	load			1		1		1	2		3		1	1								2		2	14	load
417	passage					3		2	2	1					2	1	2			1		1	1	1	17	passage
379	other tools			1		2			1	1					1						1	1		1	9	other tools
362	human power hauling equipment			1				1		1	1	1											1	1	7	human power hauling equipment
529	other materials					1		1					2							1				1	6	other materials
	electric power																									electric power

352	facilities						1														1	2	facilities
169	other general power machines		6	4	1	3	1	3	2	2				1						2		25	other general power machines
921	no causal agent		1	2	2	1				1		1		1	1			1	1	2		14	no causal agent
224	conveyor			1	2			2			1			1				1	1			9	conveyor
391	other equipment,		1	1	1	2	1			1				1		1						9	other equipment,
413	stairs, landing stage		3	1		1	1		1									2				9	stairs, landing stage
416	working platform, boot board		1	2	1	1		1		2										1		9	working platform, boot board
231	cars, bus, motorcycle		4		2					2												8	cars, bus, motorcycle
222	forklift			1			1	1	2					1		1						7	forklift
121	power transmission mechanism					1	1	2									1					5	power transmission mechanism
418	building, establishment		2								2											4	building, establishment
521	metal material		2	1						1												4	metal material
371	ladder			1			1													1		3	ladder
	other temporary buildings, establishments		1					1							1							3	other temporary buildings, establishments
719	other environments		1			1							1									3	other environments
131	circular sawing		2																			2	circular sawing

	machine																				machine
162	mixer, grinder		1				1													2	mixer, grinder
239	other vehicles		1														1			2	other vehicles
152	drill press, milling machine				1															1	drill press, milling machine
	roll machine (except printingroll machine)											1									roll machine (except printingroll machine)
214	elevator, lift						1													1	elevator, lift
221	truck														1					1	truck
229	other powered conveying machines		1																	1	other powered conveying machines
319	other pressure vessels		1																	1	other pressure vessels
364	hand tool										1									1	hand tool
414	opening																1			1	opening
514	harmful substance		1																	1	harmful substance
711	natural ground,																1			1	natural ground,
713	water																	1		1	water
911	other causal agent								1											1	other causal agent
111	engine																				engine
132	band sawing machine																				band sawing machine

133	wood planer	wood planer
133	machine	machine
	hollow chisel	hollow chisel
134	mortiser, wood	mortiser, wood
	borer	borer
	chamfering	chamfering
135	machine, router,	machine, router,
133	woodworking woodworking	woodworking
	milling machine	milling machine
136	chain saw	chain saw
139	other woodworking	other woodworking
139	machines	machines
	leveling,	leveling,
141	transporting or	transporting or
	loading machine	loading machine
142	excavating machine excavating machine	excavating machine
1.42	foundation work	foundation work
143	machine	machine
144	hardening machine	hardening machine
145	demolition machine	demolition machine
146	vehicle for high lift	vehicle for high lift
140	work	work
149	other construction	other construction
149	machines	machines
151	lathe	lathe

153	grinding machine,	grinding machine,
	buffing machine	buffing machine
154	power press	power press
155	forging pressure	forging pressure
133	hammer	hammer
156	shearing machine	shearing machine
	other metal other metal	other metal
159	manufacturing	manufacturing
	machines	machines
161	centrifugal machine Company Co	centrifugal machine
164	injection molding	injection molding
104	machine	machine
165	food manufacturing	food manufacturing
103	machine	machine
166	printing machine printing machine	printing machine
167	industrial robot	industrial robot
171	felling machine	felling machine
172	mobile logging	mobile logging
1/2	machine	machine
173	skyline yarding	skyline yarding
1/3	machine	machine
179	other mobile other mobile	other mobile
179	silviculture machine	silviculture machine
211	crane	crane
212	mobile crane	mobile crane

213	derrick crane											derrick crane
215	cargo lifting appliance											cargo lifting appliance
216	gondola											gondola
217	lumberyard equipment, logging cableway											lumberyard equipment, logging cableway
218	simple skyline yarding equipment											simple skyline yarding equipment
219	other powered crane											other powered crane
223	railway equipment											railway equipment
225	loader											loader
226	straddle carrier											straddle carrier
227	rough terrain hauler											rough terrain hauler
232	railway vehicle											railway vehicle
311	boiler											boiler
312	pressure vessel											pressure vessel
321	chemical facilities											chemical facilities
331	gas welding equipment											gas welding equipment
332	arc welding equipment											arc welding equipment
339	other welding											other welding

	equipment												equipment
341	kiln, caldron												kiln, caldron
342	industrial dryer												industrial dryer
349	other kiln, caldron												other kiln, caldron
351	transmission												transmission
359	other electrical equipment												other electrical equipment
361	human power cranes												human power cranes
363	human power												human power
372	slinging tool												slinging tool
411	scaffolding												scaffolding
412	timbering												timbering
415	roof, beam, haze, crossbeam, principal rafter												roof, beam, haze, crossbeam, principal rafter
511	explosive substance												explosive substanc
512	inflammable substance												inflammable substance
513	inflammable gas												inflammable gas
515	radiation												radiation
519	other hazards, harmful substances												other hazards,

522	lumber, bamboo																						lumber, bamboo
523	stone, sand,																						stone, sand,
	substance																						substance
612	machine/equipment																						machine/equipment
	as load																						as load
712	standing tree																						standing tree
714	abnormal																						abnormal
	environment																						environment
	high/cold																						high/cold
715	temperature																						temperature
	environment																						environment
999	unclassifiable																						unclassifiable
	total		32	22	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	185	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 011704 tobacco products (1999-2021)

code	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
	reaction to																									reaction to
19	motion/improper	1	1	3	5	3		4	2	1	3		3	1	3			1			2	4	2	5	44	motion/improper
	motion																									motion
02	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
02	lailing to same level			10		_			4	<u>'</u>		'					T							'	02	level
01	fall from height	3	3	3	5	2	1	1	4	1	1	2	2					1	1		2		1	1	34	fall from height
07	and the state of	_	10		2		_		_	3	_	_	2				_		1	1	1		1			caught
07	caught in/between	6	10	5	3	6	5	3	5	3	5	2	3			I	2		ľ				ľ		63	in/between
03	crash	1	1	1			3	1	1	1	2	1		1	2				1	1			1		18	crash

04	struck by flying or falling object		1		1	3	1			2					1		1	1		11	struck by flying or falling object
08	cut			3	2	2			1										1	9	cut
17	traffic accident (public road)			4				2					2							8	traffic accident (public road)
06	crashed by	1	1	2	1						1						1			7	crashed by
05	collapse		1		1	1												1		4	collapse
11	contact to high/low- temperature		1					1												2	contact to high/low- temperature
12	contact to harmful substance			1	1															2	contact to harmful substance
13	electric shock									1										1	electric shock
90	others											1								1	others
99	unclassifiable					1														1	unclassifiable
09	injury to the sole of the foot																				injury to the so
10	drown																				drown
14	explosion																				explosion
15	burst																				burst
16	fire																				fire
18	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	267	total		١
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Transition of fatal and non-fatal accidents in workers ages in code no. 011704 tobacco products (1999-2021)

code	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
4	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
5	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
3	30-39		4	5	6	7		1	3	3	2	2	1		1		1		1		1	1	1	1	41	30-39
2	20-29	4	1	4		2		3	2	2	1			1			1	1	1		1	1		1	26	20-29
6	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
1	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	267	total

Transition of fatal and non-fatal accidents in workers scales in code no. 011704 tobacco products (1999-2021)

		1000	2000	2001	2002	2002	2004	2005	2006	2007	2000	2000	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2021		\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.
code	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
5	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
6	300 workers or	8	7	10	3	2		4	2	5	2	2	1	2	1		2			1	2	2		2	58	300 workers or
	more					_		•	_			_														more
4	50-99	2	6	4	4	3	1	4	5	1	3	1	1			1					1			1	38	50-99
2	10-29	1			1	4	1		1		1				1		1	1	1		2	1	1	1	18	10-29
1	9 workers or less			2	3	2		1					1							1	1	1	1		13	9 workers or less
3	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	267	total

Transition of fatal and non-fatal accidents in months in code no. 011704 tobacco products (1999-2021)

code	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
8	August	1	4		3		2		1								1				1		1	2	16	August
7	July	4	2	4	1	4	1	1	3	1	4	1	4		1		2	1		1		1	2	1	39	July
10	October	1	1	3	5		3			1	1	1	1	1			1		1		3			1	24	October
11	November	1	3	1	2	2	1	1	3	1	1				1		1		1			2	1	1	23	November
9	September	1	2	1	1	1		3	1		1			1						1	1	1	1	1	17	September
12	December		2		1	2		2		1	1	1	1			1				1				1	14	December
3	March	2	3	4	1	2	3	2	3	2	1	2			2	1	1					1			30	March
2	February	2	3	8	1	1	1		3		2		1		1						1	1			25	February
1	January	2	1	1	3	3	1	2	3	1	1	1	1					1			1	1			23	January
5	May	1	3	5	2	2				1	1	1	1	2			1						2		22	May
6	June		1	2	4	3	3	2		1			1						1						18	June
4	April	2	1	3		2		1		1	1		2			1					1		1		16	April
	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

Transition of fatal and non-fatal accidents in prefectures in code no. 011704 tobacco products (1999-2021)

code	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
26	Kyoto	3	4	2		2		4	3	1	4	3	3	2	1		1				3	2	2	4	44	Kyoto
22	Shizuoka	2	2	4		4		3		2	3	2	2	2	1		2	1	1	2		1	2	1	37	Shizuoka
40	Fukuoka	6	2	4					1				3		1		2							1	20	Fukuoka
8	Ibaraki		1	1					1		1											1		1	6	Ibaraki
7	Fukushima		3	4		3			2		1		2						1						16	Fukushima
9	Tochigi		2					1	1	1	1	1					2				1	1	2		13	Tochigi

		 			 1	<u> </u>	-	-	1		\vdash	\vdash		\vdash	\vdash			\vdash		1			-
14	Kanagawa			2	1	2		3	1		1								1			11	Kanagawa
13	Tokyo	1	1	3	1	1		1	1					1								10	Tokyo
43	Kumamoto						2		2					1			1			1	1	8	Kumamoto
31	Tottori		1	1	1		3			1												7	Tottori
4	Miyagi		2	2	2																	6	Miyagi
27	Osaka	1		1		2		1								1						6	Osaka
28	Hyogo		1	1	1		1						1									5	Hyogo
44	Oita	1			1													1			1	4	Oita
1	Hokkaido	1		1		1																3	Hokkaido
11	Saitama	1						1											1			3	Saitama
17	Ishikawa		2		1																	3	Ishikawa
24	Mie				1									1						1		3	Mie
45	Miyazaki			1			1												1			3	Miyazaki
46	Kagoshima				1								1						1			3	Kagoshima
3	lwate				1		1															2	lwate
21	Gifu						1				1											2	Gifu
23	Aichi	1	1																			2	Aichi
30	Wakayama		1	1																		2	Wakayama
38	Ehime		1	1																		2	Ehime
47	Okinawa			2																		2	Okinawa
12	Chiba			1																		1	Chiba
20	Nagano		1																			1	Nagano
	Tokushima				1																	1	Tokushima

37	Kagawa				1																		1	Kagawa
39	Kochi		1																				1	Kochi
2	Aomori																							Aomori
5	Akita																							Akita
6	Yamagata																							Yamagata
10	Gunma																							Gunma
15	Niigata																							Niigata
16	Toyama																							Toyama
18	Fukui																							Fukui
19	Yamanashi																							Yamanashi
25	Shiga																							Shiga
29	Nara																							Nara
32	Shimane																							Shimane
33	Okayama																							Okayama
34	Hiroshima																							Hiroshima
35	Yamaguchi																							Yamaguchi
41	Saga																							Saga
42	Nagasaki																							Nagasaki
	total	17	26	32	22	14	17	10	14	7	12	4	5	3	7	2	3	3	8	7	8	7	228	total

 $Data\ source: \underline{https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm}$