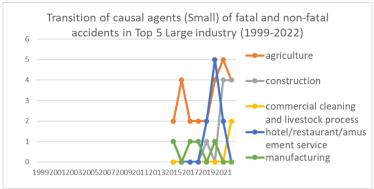
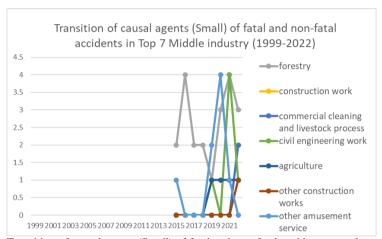
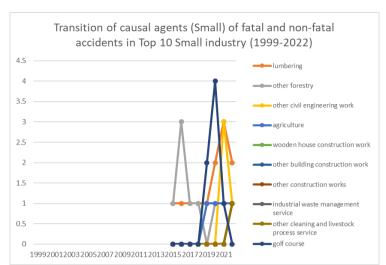
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine in Large industry (1999-2022)

	Large industry								 				2018	2019	2020	2021	2022	total	Large industry
06	agriculture									2	4	2	2	2	4	5	4	25	agriculture
03	construction													1		4	4	9	construction
15	commercial cleaning and livestock process																2	2	commercial cleaning and livestock process
14	hotel/restaurant/amusement service									1				2	5	2		10	hotel/restaurant/amusement service
01	manufacturing									1		1	1		1			4	manufacturing
12	education/research service												1		1			2	education/research service
04	transportation service										1							1	transportation service
05	cargo handling service												1					1	cargo handling service
08	commerce													1				1	commerce
13	health and hygiene service														1			1	health and hygiene service
17	others															1		1	others
02	mining																		mining
07	livestock/fishery																		livestock/fishery
09	financial business/advertisement																		financial business/advertisement
10	movie/play service																		movie/play service
11	telecommunication service																		telecommunication service
16	public office																		public office
	total									4	5	3	5	6	12	12	10	57	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine in Middle industry (1999-2022)

code	Middle industry	1999	2000	2001	2002	2003	2004	2005	2006	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Middle industry	

0602	forestry									2	4	2	2	1	3	4	3	21	forestry
0302	construction work																2	2	construction work
1501	commercial cleaning and livestock process																2	2	commercial cleaning and livestock process
0301	civil engineering work													1		4	1	6	civil engineering work
0601	agriculture													1	1	1	1	4	agriculture
0303	other construction works																1	1	other construction works
1403	other amusement service									1				2	4	1		8	other amusement service
0104	wood products									1		1			1			3	wood products
1201	education/research service												1		1			2	education/research service
0117	other manufacturing												1					1	other manufacturing
0403	road cargo transportation service										1							1	road cargo transportation service
0502	harbor transportation service												1					1	harbor transportation service
0804	other commerce													1				1	other commerce
1303	other health and hygiene service														1			1	other health and hygiene service
1401	hotel														1			1	hotel
1402	restaurant															1		1	restaurant
1702	others															1		1	others
	food products																		food products
	textile products																		textile products
	fiber products																		fiber products
0105	furniture																		furniture
0106	pulp/paper processing products																		pulp/paper processing products
0107	printing/bookbinding																		printing/bookbinding
0108	chemical products																		chemical products
<u> </u>	sand and stone products																		sand and stone products
0110	steel making																		steel making
	nonferrous metal making																		nonferrous metal making
	metal products																		metal products
0113	machine products																		machine products
0114	electrical equipment products																		electrical equipment products
0115	transport equipment products																		transport equipment products
0116	electric/gas/water service																		electric/gas/water service

0201	coal mining																		coal mining
0202	quarrying																		quarrying
0203	other mining																		other mining
0401	railroad/water transportation/airline service																		railroad/water transportation/airline service
0402	road passenger transport service																		road passenger transport service
0404	other transportation service																		other transportation service
0501	land cargo handling service																		land cargo handling service
0701	livestock																		livestock
0702	fishery																		fishery
0801	wholesale																		wholesale
0802	retail																		retail
0803	haircut/beauty salon																		haircut/beauty salon
0901	financial business																		financial business
0902	advertisement and mediator																		advertisement and mediator
1001	movie/play service																		movie/play service
1101	telecommunication service																		telecommunication service
1301	medical treatment service																		medical treatment service
1302	social welfare facility																		social welfare facility
1601	public office																		public office
1701	dispatch service																		dispatch service
	total									4	5	3	5	6	12	12	10	57	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 179 other mobile silviculture machine in Small industry (1999-2022)

	15				1	1[1	I ·	1	11	II				1				11	11	11	1[1 1	11	11	1 -	IC
code	Small industry	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	Small industry
060201	lumbering																	1	1	1	1	1	2	3	2	12	lumbering
060209	other forestry																	1	3	1	1		1	1	1	9	other forestry
030199	other civil engineering work																							3	1	4	other civil engineering work
060101	agriculture																					1	1	1	1	4	agriculture
II.	wooden house construction work																								1	1	wooden house construction work
030209	other building construction work																								1	1	other building construction work
030309	other construction works																								1	1	other construction works
150102	service																								1	1	industrial waste management service
150109	other cleaning and livestock																								1	1	other cleaning and livestock

	rocess service		Щ	\square		\square			\square							<u> </u>						process service
140301 go			Щ		Щ	Щ												2	4	1	7	golf course
010401 lu																1			1		2	lumbering
	ther education/research ervice																1		1		2	other education/research service
	ther lumber and wood roducts													1							1	other lumber and wood products
011703 cl	eaning																1				1	cleaning
030107 ri	ver civil engineering work																	1			1	river civil engineering wo
030109 la er	and consolidation civil																			1	1	land consolidation civil engineering work
040301 ge	eneral truck transportation ervice														1						1	general truck transportation service
050201 ge	eneral harbor transportation ervice																1				1	general harbor transportati service
	ther commerce																	1			1	other commerce
130309 ot se	ther health and hygiene ervice																		1		1	other health and hygiene service
140101 ho	otel																		1		1	hotel
140201 ge	eneral restaurant		$\overline{\Box}$																	1	1	general restaurant
140309 ot	ther amusement service													1							1	other amusement service
170201 se	ecurity service																			1	1	security service
010101 m	neat/dairy products																					meat/dairy products
010102 fis	shery products																					fishery products
010103 ag	gricultural food products																					agricultural food products
010104 br	read/cake products																					bread/cake products
010105 al	coholic drinks		$\overline{\Box}$																			alcoholic drinks
010106 sc	oft drinks																					soft drinks
010109 ot	ther foods																					other foods
010201 si	lk-reeling																					silk-reeling
010202 co	otton-spinning																					cotton-spinning
010203 w	reaving		$\overline{\Box}$																			weaving
010204 dy	yeing																					dyeing
010209 ot	ther textile products		一																			other textile products
010301 ov	ver/under wear																				İ	over/under wear
010309 ot	ther fiber products															İ						other fiber products
010402 pl																					i	plywood
	rood furniture		一	一	\Box	一	一						\Box			i					Ī	wood furniture
	netal furniture		一	一	\Box	一	\equiv			\equiv			\Box			i						metal furniture
010503 fi			一	一	\sqcap	一	\equiv		\equiv	\equiv			\Box			i						fittings
	ther furniture		H	一	H	H	H			H	\Box	\Box				i		\Box		\Box		other furniture
010601 pt			\square			\square																pulp/paper
	aper processing products		H	一	\vdash	$\vdash \vdash$	$\vdash \vdash$		\vdash		\vdash	\Box						\vdash		\Box		paper processing products
5 5 5 <u>1</u> Pt	T Production	H	屵	$\vdash \vdash$	$\vdash\vdash$	$\vdash\vdash$	$\vdash\vdash$	\vdash	\vdash	$\vdash\vdash$	\vdash	\vdash	$\vdash \vdash$					\vdash	$\vdash \vdash$	$\vdash \vdash$	╫	F T T F T T T T T T T T T T T T T T T T

010609 other pulp/paper processing products							other pulp/paper processir products
010701 printing service							printing service
010702 bookbinding							bookbinding
010709 other printing and bookbinding							other printing and bookbinding
non organic or organic chemical products							non organic or organic chemical products
010802 chemical fiber							chemical fiber
010803 pharmaceuticals							pharmaceuticals
010804 petroleum/coal products							petroleum/coal products
010805 plastics products							plastics products
010806 rubber products							rubber products
010807 leather products							leather products
010808 painting products							painting products
010809 chemical fertilizer products							chemical fertilizer produc
010899 other chemical products							other chemical products
010901 cement products							cement products
010902 glass products							glass products
010903 pottery products							pottery products
010904 fire resisting products							fire resisting products
010905 other ceramic products							other ceramic products
010909 other sand and stone products							other sand and stone products
011001 steel/iron/rolling products							steel/iron/rolling products
011002 casting products							casting products
011009 other steel products							other steel products
nonferrous metals/rolling products							nonferrous metals/rolling products
011102 nonferrous metals casting products							nonferrous metals casting products
other nonferrous metal products							other nonferrous metal products
western tableware/cutting tool products							western tableware/cutting tool products
011202 screw products							screw products
011203 metal press products							metal press products
011204 metal plating products							metal plating products
011209 other metal products							other metal products
011301 machine products							machine products
011302 measuring instruments							measuring instruments
011303 optical instruments							optical instruments
011304 watch products							watch products
other precision machine							other precision machine

011305 products												products	
011401 heavy electrical equipment												heavy electri	cal equipment
011402 electrical appliance	一			i					Ti			electrical app	
electronics equipment and telecommunications apparatus												electronics ed telecommuni apparatus	uipment and
011409 other electrical equipment												other electric	al equipment
011501 ship building												ship building	
011502 auto mobile products												auto mobile j	products
011503 railway vehicle products												railway vehic	le products
011509 other transport equipment products												other transpo products	
011601 electric utility service												electric utilit	/ service
011602 city gas service												city gas servi	ce
011603 city water service												city water ser	vice
011609 other electric/gas/water service												other electric service	/gas/water
011701 auto mobile servicing												auto mobile s	ervicing
011702 machine repair												machine repa	ir
011704 tobacco products												tobacco prod	ıcts
011709 other manufacturing												other manufa	cturing
020101 general coal mining												general coal	nining
020109 other coal mining												other coal mi	ning
020201 quarrying												quarrying	
020202 gravel digging												gravel diggin	g
020209 other quarrying												other quarryi	ng
020301 metal mining												metal mining	
020302 petroleum mining												petroleum mi	ning
020309 other mining												other mining	
hydroelectric plant construction work												hydroelectric construction	
030102 tunnel construction work												tunnel constr	action work
030103 subway construction work												subway cons	ruction work
030104 railway construction work												railway const	ruction work
030105 bridge construction work												bridge constr	uction work
030106 road construction work												road construc	tion work
030108 sand collapse prevention civil engineering work												sand collapse civil enginee	prevention ring work
030110 water supply/sewage construction work												water supply construction	work
030111 port/seaside construction work												port/seaside o	
steel frame/reinforced concrete house construction												steel frame/re concrete hou	einforced se construction

WO		 Щ	Щ	Щ		\square	 	Щ	 إلليا				\sqsubseteq			 _	work
030203 wo																	building facility construction
wo																	electricity/telecommunicat work
030302 mac	achinery/apparatus setting ork																machinery/apparatus settir work
040101 rail	lroad service																railroad service
040102 wat	ter transportation service																water transportation service
040103 airl	line service																airline service
040201 tax	ti service																taxi service
040202 bus																	bus service
Ser	ner passenger transport vice																other passenger transport service
Ser	ecific truck transportation																specific truck transportation service
uai	rgo/ light automobile nsportation service																cargo/ light automobile transportation service
040309 oth	ner land cargo nsportation service																other land cargo transportation service
040409 oth	ner transportation service																other transportation service
	d cargo handling service																land cargo handling service
	rt cargo handling service																port cargo handling servic
050209 oth	ner harbor transportation vice																other harbor transportation service
070101 live	estock																livestock
070201 fish	hery																fishery
070209 oth	ner fishery																other fishery
080101 all	kinds of wholesale																all kinds of wholesale
080102 furi	niture/fittings wholesale																furniture/fittings wholesale
080109 oth	ner wholesale																other wholesale
080201 all	kinds of retail																all kinds of retail
080202 aut	to mobile retail																auto mobile retail
080203 furi	niture/fittings retail																furniture/fittings retail
080204 fue	el retail																fuel retail
080205 nev	wspaper retail																newspaper retail
080209 oth	ner retails																other retails
080301 hai	ircut																haircut
080302 bea	auty salon																beauty salon
080401 wai	rehousing																warehousing
090101 ban	nking/trust business																banking/trust business
	ck/commodity trade siness																stock/commodity trade business
090103 insi	surance business																insurance business

		other financial business
090201 traveling service		traveling service
090209 other advertisement and mediator		other advertisement and mediator
100101 movie production and delivery service		movie production and delivery service
100102 movie theatre		movie theatre
100109 other movie/play service		other movie/play service
110101 telecommunication service		telecommunication service
120101 auto mobile practical training		auto mobile practical training
120102 software service		software service
130101 hospital		hospital
130102 general clinic		general clinic
130109 other medical treatment service		other medical treatment service
130201 social welfare facility		social welfare facility
130301 bathhouse		bathhouse
140209 other restaurants		other restaurants
140302 park and amusement park		park and amusement park
150101 building maintenance service		building maintenance service
150103 other waste disposal service		other waste disposal service
150104 cremation service		cremation service
150105 livestock process service		livestock process service
160101 public office		public office
170101 dispatch service		dispatch service
170202 information processing service		information processing service
170209 others		others
total 4 5 3 5 6 12 12	10 57	total

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

https://www.jisha.or.jp/english/statistics/202311 12.html