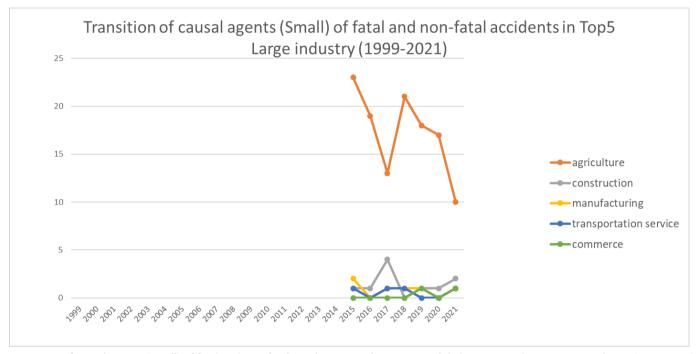
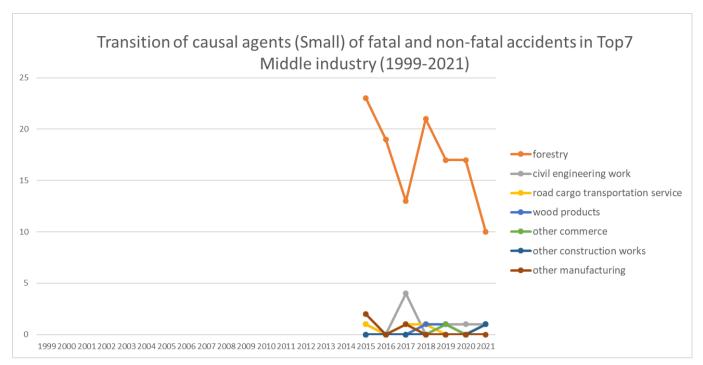
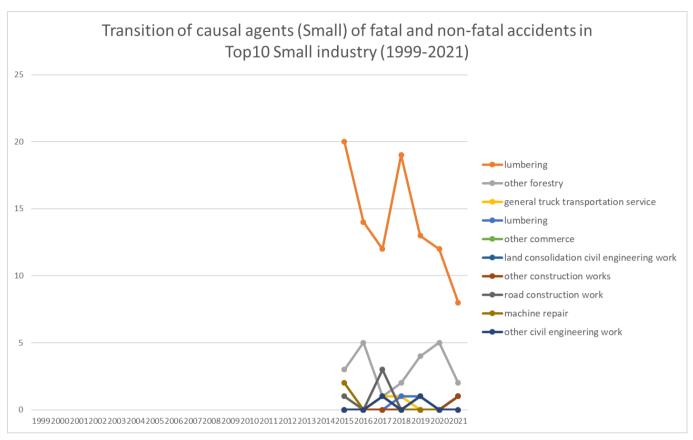
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine in Large industry (1999-2021)

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code	Large industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Large industry
06	agriculture																	23	19	13	21	18	17	10	121	agriculture
03	construction																	1	1	4		1	1	2	10	construction
01	manufacturing																	2		1	1	1		1	6	manufacturing
04	transportation service																	1		1	1			1	4	transportation service
08	commerce																					1		1	2	commerce
14	hotel/restaurant/amusement																				1				1	hotel/restaurant/amusement
11	service																				<u> </u>					service
02	mining																									mining

05	cargo handling service																	cargo handling service
07	livestock/fishery																	livestock/fishery
09	financial																	financial
09	business/advertisement																	business/advertisement
10	movie/play service																	movie/play service
11	telecommunication service																	telecommunication service
12	education/research service																	education/research service
13	health and hygiene service																	health and hygiene service
15	commercial cleaning and																	commercial cleaning and
15	livestock process																	livestock process
16	public office																	public office
17	others																	others
	total									27	20	19	24	21	18	15	144	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine in Middle industry (1999-2021)

code	Middle industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Middle industry
0602	forestry																	23	19	13	21	17	17	10	120	forestry
0301	civil engineering work																	1		4		1	1	1	8	civil engineering work
0403	road cargo transportation service																	1		1	1			1	4	road cargo transportation service
0104	wood products																				1	1		1	3	wood products
0804	other commerce																					1		1	2	other commerce
0303	other construction works																							1	1	other construction works
0117	other manufacturing																	2		1					3	other manufacturing
0302	construction work																		1						1	construction work

								 	 				1		1
0601	agriculture											1		1	agriculture
1403	other amusement service										1			1	other amusement
	other uniusement service										•				service
0101	food products														food products
0102	textile products														textile products
0103	fiber products														fiber products
0105	furniture														furniture
0106															pulp/paper processing
0106	pulp/paper processing products														products
0107	printing/bookbinding														printing/bookbinding
0108	chemical products														chemical products
0100															sand and stone
0109	sand and stone products														products
0110	steel making														steel making
0111	nonferrous metal making														nonferrous metal
0111	Homerous metarmaking														making
0112	metal products														metal products
0113	machine products														machine products
0114															electrical equipment
0114	electrical equipment products														products
0115	transport equipment products														transport equipment
0113	transport equipment products														products
0116	electric/gas/water service														electric/gas/water
0110	electric/gas/water service														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
0502	harbor transportation service												harbor transportation 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
1201	education/research service												education/research service
1301	medical treatment service												medical treatment service
1302	social welfare facility												social welfare facility
				ı									

1202	other health and hygiene service																	other health and
1303	other health and hygiene service																	hygiene service
1401	hotel																	hotel
1402	restaurant																	restaurant
1501	commercial cleaning and livestock																	commercial cleaning
III .	process																	and livestock process
1601	public office																	public office
1701	dispatch service																	dispatch service
1702	others																	others
	total									27	20	19	24	21	18	15	144	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 172 mobile logging machine in Small industry (1999-2021)

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	total	Small industry
060201	lumbering																	20	14	12	19	13	12	8	98	lumbering
060209	other forestry																	3	5	1	2	4	5	2	22	other forestry
040301	general truck transportation service																	1		1	1			1	4	general truck transportation service
010401	lumbering																				1	1		1	3	lumbering
080409	other commerce																					1		1	2	other commerce
030109	land consolidation civil engineering work																							1	1	land consolidation civil engineering work
030309	other construction works																							1	1	other construction works
030106	road construction work																	1		3					4	road construction work
011702	machine repair																	2		1					3	machine repair
030199	other civil engineering work																			1		1			2	other civil engineering work
030107	river civil engineering work																						1		1	river civil engineering work

030203	building facility construction work									1				1	building facility construction work
060101	agriculture											1		1	agriculture
140301	golf course										1			1	golf course
010101	meat/dairy products														meat/dairy products
010102	fishery products														fishery products
010103	agricultural food products														agricultural food products
010104	bread/cake products														bread/cake products
010105	alcoholic drinks														alcoholic drinks
010106	soft drinks														soft drinks
010109	other foods														other foods
010201	silk-reeling														silk-reeling
010202	cotton-spinning														cotton-spinning
010203	weaving														weaving
010204	dyeing														dyeing
010209	other textile products														other textile products
010301	over/under wear														over/under wear
010309	other fiber products														other fiber products
010402	plywood														plywood
010409	other lumber and wood														other lumber and wood
010501	wood furniture														wood furniture
010502	metal furniture														metal furniture
010503	fittings														fittings
010509	other furniture														other furniture
010601	pulp/paper														pulp/paper

010602	paper processing products													paper processing products
010609	other pulp/paper processing products													other pulp/paper processing products
010701	printing service													printing service
010702	bookbinding													bookbinding
010709	other printing and bookbinding													other printing and bookbinding
010801	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 products
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 Online Incomplete Inco	lls/rolling
011101 products Discription Discription	
011102 products products	
other ponferrous metal	ils casting
011109 products metal products	s metal
western tableware/cutting tool products western tableware tool products western tableware tool products	re/cutting
011202 screw products screw products screw products	
011203 metal press products metal press products	lucts
011204 metal plating products metal plating products metal plating pr	oducts
011209 other metal products other metal products other metal products	lucts
011301 machine products machine products	ts
011302 measuring instruments measuring instru	ıments
011303 optical instruments optical instruments	nts
011304 watch products watch products	
other precision machine products other precision in the product of th	machine
011401 heavy electrical equipment heavy electrical	equipment
011402 electrical appliance electrical appliance electrical appliance	nce
electronics equipment and 011403 telecommunications apparatus electronics equipment and apparatus electronics equipment and apparatus	
011409 other electrical equipment other electrical equipment	equipment
011501 ship building ship building	

011503	railway vehicle products													railway vehicle products
011509	other transport equipment products													other transport equipment products
011601	electric utility service													electric utility service
011602	city gas service													city gas service
011603	city water service													city water service
011609	other electric/gas/water service													other electric/gas/water service
011701	auto mobile servicing													auto mobile servicing
011703	cleaning													cleaning
011704	tobacco products													tobacco products
011709	other manufacturing													other manufacturing
020101	general coal mining													general coal mining
020109	other coal mining													other coal mining
020201	quarrying													quarrying
020202	gravel digging													gravel digging
020209	other quarrying													other quarrying
020301	metal mining													metal mining
020302	petroleum mining													petroleum mining
020309	other mining							ĺ						other mining
030101	hydroelectric plant construction work													hydroelectric plant construction work
030102	tunnel construction work							ĺ						tunnel construction work
030103	subway construction work													subway construction work
030104	railway construction work													railway construction work
030105	bridge construction work													bridge construction work

030108	sand collapse prevention civil engineering work						sand collapse prevention civil engineering work
030110	water supply/sewage construction work						water supply/sewage construction work
030111	port/seaside construction work						port/seaside construction work
030201	steel frame/reinforced concrete house construction work						steel frame/reinforced concrete house construction work
030202	wooden house construction work						wooden house construction work
030209	other building construction work						other building construction work
030301	electricity/telecommunication work						electricity/telecommunication work
030302	machinery/apparatus setting work						machinery/apparatus setting work
040101	railroad service						railroad service
040102	water transportation service						water transportation service
040103	airline service						airline service
040201	taxi service						taxi service
040202	bus service						bus service
040209	other passenger transport service						other passenger transport service
040302	specific truck transportation service						specific truck transportation service
040303	cargo/ light automobile transportation service						cargo/ light automobile transportation service

040309	other land cargo transportation service												other land cargo transportation service
040409	other transportation service												other transportation service
050101	land cargo handling service												land cargo handling service
050201	general harbor transportation service												general harbor transportation service
050202	port cargo handling service												port cargo handling service
050209	other harbor transportation service												other harbor transportation service
070101	livestock												livestock
070201	fishery												fishery
070209	other fishery												other fishery
080101	all kinds of wholesale												all kinds of wholesale
080102	furniture/fittings wholesale												furniture/fittings wholesale
080109	other wholesale												other wholesale
080201	all kinds of retail												all kinds of retail
080202	auto mobile retail												auto mobile retail
080203	furniture/fittings retail												furniture/fittings retail
080204	fuel retail												fuel retail
080205	newspaper retail												newspaper retail
080209	other retails												other retails
080301	haircut												haircut
080302	beauty salon												beauty salon
080401	warehousing												warehousing
090101	banking/trust business												banking/trust business
090102	stock/commodity trade												stock/commodity trade

	business													business
090103	insurance business													insurance business
090109	other financial 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
120109	other education/research													other education/research service
130101	hospital													hospital
130102	general clinic													general clinic
130109	other medical treatment service													other medical treatment
130201	social welfare facility													social welfare facility
130301	bathhouse													bathhouse
130309	other health and hygiene service													other health and hygiene service
140101	hotel													hotel
140201	general restaurant													general restaurant
140209	other restaurants													other restaurants
140302	park and amusement park													park and amusement park

140309	other amusement service																	other amusement service
150101	building maintenance service																	building maintenance service
150102	industrial waste management service																	industrial waste management service
150103	other waste disposal service																	other waste disposal service
150104	cremation service																	cremation service
150105	livestock process service																	livestock process service
150109	other cleaning and livestock process service																	other cleaning and livestock process service
160101	public office																	public office
170101	dispatch service																	dispatch service
170201	security service																	security service
170202	information processing service																	information processing service
170209	others																	others
	total									27	20	19	24	21	18	15	144	total

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

https://www.jisha.or.jp/english/statistics/202212_03.html