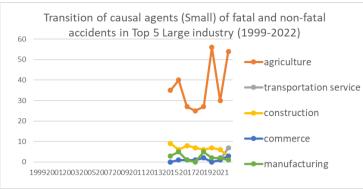
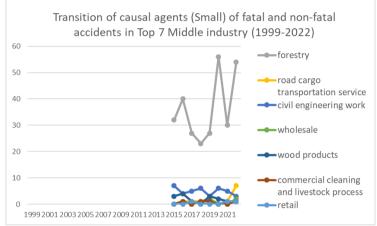
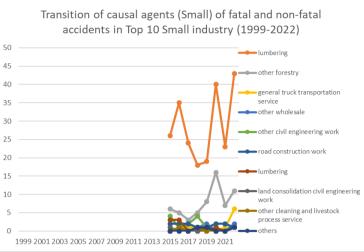
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 171 felling machine (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 171 felling machine in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 171 felling machine in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 171 felling machine in Small Industry (1999-2022)

Transition of causal agents (St	nall) of fatal and non-fatal accider	nts as code no. 171 felling machine	e in Large industry (1999-2022)
Transition of eausal agents (St	many of fatal and non fatal accide	no uo couc noi i i i cining muchini	

code	Large industry	1999	2000	2001	2002	2003 2	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	1 2022	total	Large industry
06	agriculture																	35	40	27	25	27	56	30	54	294	agriculture
04	transportation service																		1	1	1	2		1	7	13	transportation service
03	construction																	9	6	8	7	6	7	6	3	52	construction
08	commerce																		1	1	1	2		1	3	9	commerce
01	manufacturing																	3	5	1		5	2	2	1	19	manufacturing
15	commercial cleaning and livestock process																		1		1	1			1	4	commercial cleaning and livestock process
17	others																				1	1			1	3	others
14	hotel/restaurant/amusement service																	1	1		1	1				4	hotel/restaurant/amusement service
02	mining																			1						1	mining
07	livestock/fishery																		1							1	livestock/fishery
05	cargo handling service																										cargo handling service
09	financial business/advertisement																										financial 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
16	public office																										public office
	total																	48	56	39	37	45	65	40	70	400	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 171 felling machine in Middle industry (1999-2022)

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	2022	total	Middle industry	
																										1	

0602	forestry									32	40	27	23	27	56	30	54	289	forestry
0403	road cargo transportation service										1	1	1	2		1	7	13	road cargo transportation service
0301	civil engineering work									7	4	5	6	3	6	5	3	39	civil engineering work
0801	wholesale										1		1	2			2	6	wholesale
0104	wood products									3	4	1		3	2	1	1	15	wood products
1501	commercial cleaning and livestock process										1		1	1			1	4	commercial cleaning and livestock process
0802	retail											1				1	1	3	retail
1702	others												1	1			1	3	others
0302	construction work									2	1	2		1		1		7	construction work
0303	other construction works										1	1	1	2	1			6	other construction works
0601	agriculture									3			2					5	agriculture
1403	other amusement service									1	1		1					3	other amusement service
0101	food products													1				1	food products
0107	printing/bookbinding													1				1	printing/bookbinding
0116	electric/gas/water service										1							1	electric/gas/water service
0117	other manufacturing															1		1	other manufacturing
0202	quarrying											1						1	quarrying
	livestock										1							1	livestock
1401	hotel													1				1	hotel
0102	textile products																	1	textile products
0103	fiber products																		fiber products
0105	furniture																		furniture
0106	pulp/paper processing products																		pulp/paper processing products
0108	chemical products																		chemical products
0109	sand and stone products																		sand and stone products
0110	steel making																		steel making
0111	nonferrous metal making																		nonferrous metal making
0112	metal products																		metal products
	machine products																		machine products
0114	electrical equipment products																		electrical equipment products
0115	transport equipment products																		transport equipment products
0201	coal mining																		coal mining
0203	other mining																		other mining
0401	railroad/water transportation/airline																		railroad/water transportation/airline

	service																		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
0702	fishery																		fishery
0803	haircut/beauty salon																		haircut/beauty salon
0804	other commerce																		other commerce
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
1303	other health and hygiene service																		other health and hygiene service
1402	restaurant																		restaurant
1601	public office																		public office
1701	dispatch service																		dispatch service
	total									48	56	39	37	45	65	40	70	400	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 171 felling machine in Small industry (1999-2022)

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																	26	35	24	18	19	40	23	43	228	lumbering
060209	other forestry																	6	5	3	5	8	16	7	11	61	other forestry
040301	general truck transportation service																		1	1	1	1		1	6	11	general truck transportation service
080109	other wholesale																		1		1	2			2	6	other wholesale
030199	other civil engineering work																	4	1	2	4	1	2	2	1	17	other civil engineering work
030106	road construction work																	2	2	2	1	1	2	2	1	13	road construction work
	lumbering																	3	3				1		1	8	lumbering
	land consolidation civil engineering work																	1				1			1	3	land consolidation civil engineering work
150109	other cleaning and livestock process service																		1		1				1	3	other cleaning and livestock process service

170209 others	<u> </u>	<u> </u>											1	1			1	3	others
40302 specific truck transportation service														1			1	2	specific truck transportation service
80204 fuel retail																	1	1	fuel retail
10409 other lumber and wood products											1	1		3	1	1		7	other lumber and wood products
30309 other construction works			1								1	1	1	2				5	other construction works
060101 agriculture										3			2					5	agriculture
00000000000000000000000000000000000000										1		2		1				4	other building construction work
030107 river civil engineering work											1				1	1		3	river civil engineering work
40301 golf course										1	1		1					3	golf course
)30108 sand collapse prevention civil engineering work													1		1			2	sand collapse prevention civil engineering work
30201 steel frame/reinforced concrete house construction work										1	1							2	steel frame/reinforced concrete house construction work
080209 other retails												1				1		2	other retails
010101 meat/dairy products														1				1	meat/dairy products
010701 printing service														1				1	printing service
011601 electric utility service											1							1	electric utility service
011702 machine repair																1		1	machine repair
20201 quarrying												1						1	quarrying
030102 tunnel construction work												1						1	tunnel construction work
30202 wooden house construction work																1		1	wooden house construction work
030301 electricity/telecommunication work															1			1	electricity/telecommunication
070101 livestock											1							1	livestock
40101 hotel														1				1	hotel
50103 other waste disposal service														1				1	other waste disposal service
010102 fishery products																			fishery products
010103 agricultural food products																			agricultural food products
10104 bread/cake products																			bread/cake products
010105 alcoholic drinks																			alcoholic drinks
010106 soft drinks																			soft drinks
10109 other foods																			other foods
010201 silk-reeling																			silk-reeling
10202 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
010501 wood furniture												wood furniture
010502 metal furniture												metal furniture
010503 fittings					i							fittings
010509 other furniture												other furniture
010601 pulp/paper												pulp/paper
010602 paper processing products												paper processing products
010609 other pulp/paper processing products	3											other pulp/paper processing products
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	8											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												other steel products
011101 nonferrous metals/rolling products												nonferrous metals/rolling products
011102 nonferrous metals casting products												nonferrous metals casting products
011109 other nonferrous metal products												other nonferrous metal products
011201 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			i				i				optical instruments
011304	watch products											watch products
011305	other precision machine products											other precision machine products
011401	heavy electrical equipment											heavy electrical equipment
011402	electrical appliance											electrical appliance
011403	electronics equipment and telecommunications apparatus											electronics equipment and telecommunications apparatus
011409	other electrical equipment											other electrical equipment
011501	ship building											ship building
011502	auto mobile products											auto mobile products
011503	railway vehicle products											railway vehicle products
011509	other transport equipment products											other transport equipment products
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
020202	gravel digging											gravel digging
020209	other quarrying											other quarrying
020301	metal mining											metal mining
020302	petroleum mining											petroleum mining
	other mining											other mining
030101	hydroelectric plant construction work											hydroelectric plant construction work
030103	subway construction work											subway construction work
-	railway construction work											railway construction work
030105	bridge construction work											bridge construction work
030110	water supply/sewage construction work											water supply/sewage construction work
030111	port/seaside construction work											port/seaside construction work
030203	building facility construction work											building facility construction work

000000000000000000000000000000000000	030302 machinery/apparatus setting work												machinery/apparatus setting work
00101 aimle service 0	040101 railroad service								ĺ				railroad service
01000 jexi service 0	040102 water transportation service												water transportation service
94022 bas service I	040103 airline service												airline service
04000 optor passager transport 0 <td< td=""><td>040201 taxi service</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>taxi service</td></td<>	040201 taxi service												taxi service
9000000000000000000000000000000000000	040202 bus service												bus service
00000 intransportation service inter ransportation service	040209 other passenger transport service												
00000 00000 00000 00000 000000 000000000000000000000000000000000000	040303 cargo/ light automobile transportation service												cargo/ light automobile transportation service
05010 Ind cargo handling service 0 <	040309 other land cargo transportation service												
65021 general harbor transportation errice Image: Ima	040409 other transportation service												other transportation service
iervice	050101 land cargo handling service												land cargo handling service
05020 oher harbor transportation service 0	050201 general harbor transportation service												general harbor transportation service
00000 ervice 0	050202 port cargo handling service												port cargo handling service
07020 ohter fishery 0													
08010 all kinds of wholesale 080202 all kinds of retail all kinds of wholesale all kinds of wholesale all kinds of retail all kinds of retail 080203 furniture/fittings retail all kinds of wholesale all kinds of retail all kinds of retail 080205 furniture/fittings retail all kinds of wholesale all kinds of retail 080205 furniture/fittings retail all kinds of wholesale all kinds of retail 080205 furniture/fittings retail all kinds of wholesale all kinds of wholesale 080205 furniture/fittings retail all kinds of wholesale all kinds of wholesale 080205 hewspaper retail all kinds of wholesale all kinds of wholesale 080205 hewspaper retail all kinds of wholesale all kinds of wholesale 080205 hewspaper retail all kinds of wholesale all kinds of wholesale 080205 hewspaper retail all kinds of wholesale all kinds of wholesale 080205 hewspaper retail all kinds of wholesale all kinds of wholesale <td>070201 fishery</td> <td></td> <td>fishery</td>	070201 fishery												fishery
081010 furniture/fittings wholesale Image: Construction of the co	070209 other fishery												other fishery
080201 all kinds of retail Image: Constraint of the constrand of the constraint of the constraint of the constrai	080101 all kinds of wholesale												all kinds of wholesale
080202 auto mobile retail Image: Constraint of the constratend disequale constraint of the constraint of the cons	080102 furniture/fittings wholesale												furniture/fittings wholesale
080203 furniture/fittings retail Image: Constraint of the c	080201 all kinds of retail												all kinds of retail
080205 newspaper retail 0	080202 auto mobile retail												auto mobile retail
080301 haircut Image: Constraint of the constraint of t	080203 furniture/fittings retail												furniture/fittings retail
080302 beauty salon I	080205 newspaper retail												newspaper retail
080401 warehousing I	080301 haircut												haircut
080409 other commerce Image: Commerce in the comm	080302 beauty salon												beauty salon
090101 banking/trust business Image: Constraint of the cons	080401 warehousing												warehousing
090102 stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade Stock/commodity trade 090103 insurance business Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 090103 insurance business Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 090103 insurance business Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 090109 other financial business Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 090201 traveling service Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 090203 traveling service Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 090209 other advertisement and mediator Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade 100101 movie production and delivery service Image: Stock/commodity trade Image: Stock/commodity trade Image: Stock/commodity trade Image:	080409 other commerce												other commerce
Obstitess	090101 banking/trust business												banking/trust business
090109 other financial business Image: Constraint of the co	090102 stock/commodity trade business												
090201 traveling service Image: constraint of the service	090103 insurance business												insurance business
090209 other advertisement and mediator Image: Constraint of the constraint o	090109 other financial business												other financial business
Inclution Image: Constraint of the con	090201 traveling service												traveling service
100101 delivery service delivery service 100102 movie theatre movie theatre	090209 other advertisement and mediator												
	100101 movie production and delivery service												
100109 other movie/play service other movie/play service other movie/play 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 service																	other education/research 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
130309	other health and hygiene service																	other health and hygiene service
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
150104	cremation service																	cremation service
150105	livestock process service																	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
	total								48	56	39	37	45	65	40	70	400	total

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

https://www.jisha.or.jp/english/statistics/202311_12.html