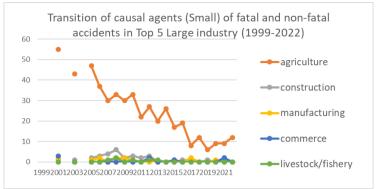
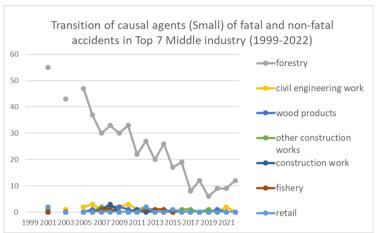
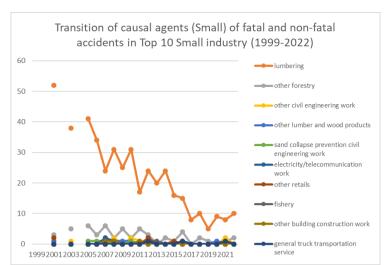
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway in Large industry (1999-2022)

	I amon in divisions																		_			2010	2020	2021	2022	total	Large industry
code	-	1999	=	=	2002		2004	=	_													2019					
06	agriculture			55		43		47	37	30	33	30	33	22	27	20	26	17	19	8	12	6	9	9	12	495	agriculture
03	construction			1		1		2	3	4	6	2	3	2	3				1	1		1		2		32	construction
01	manufacturing			2				1	2		2	2	1					1		2			1			14	manufacturing
08	commerce			3											2			1						2		8	commerce
07	livestock/fishery									1	2		1		1	1										6	livestock/fishery
04	transportation service			1											1				1			1		1		5	transportation service
05	cargo handling service																					1		1		2	cargo handling service
14	hotel/restaurant/amusement service										1		1													2	hotel/restaurant/amusement service
02	mining																							1		1	mining
09	financial business/advertisement					1																				1	financial business/advertisement
13	health and hygiene service			1																						1	health and hygiene service
17	others																						1			1	others
10	movie/play service																										movie/play service
11	telecommunication service																										telecommunication service
12	education/research service																										education/research service
15	commercial cleaning and livestock process																										commercial cleaning and livestock process
16	public office																										public office
	total			63		45		50	42	35	44	34	39	24	34	21		19	21	11	12	9	11	16	12	542	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway 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		55		43		47	37	30	33	30	33	22	27	20	26	17	19	8	12	6	9	9	12	495	forestry
0301	civil engineering work				1		2	3	1	2	2	3	1	2									2		19	civil engineering work
0104	wood products		1					1		2	2	1										1			8	wood products
0303	other construction works		1						2	1				1				1	1		1				8	other construction works
0302	construction work								1	3			1												5	construction work
0702	fishery								1	1				1	1	1									5	fishery
0802	retail		2											2			1								5	retail
0403	road cargo transportation service													1				1					1		3	road cargo transportation service
0801	wholesale		1																				2		3	wholesale
	metal products						1												1						2	metal products
0401	railroad/water transportation/airline service		1																		1				2	railroad/water transportation/airline service
0701	livestock									1		1													2	livestock
1403	other amusement service									1		1													2	other amusement service
0101	food products		1																						1	food products
0109	sand and stone products							1																	1	sand and stone products
	transport equipment products																		1						1	transport equipment products
	other manufacturing																1								1	other manufacturing
0202	quarrying																						1		1	quarrying
0501	land cargo handling service																						1		1	land cargo handling service
0502	harbor transportation service																				1				1	harbor transportation service
0902	advertisement and mediator				1																				1	advertisement and mediator
1301	medical treatment service		1																						1	medical treatment service
	others																					1			1	others
	textile products																									textile products
0103	fiber products																									fiber products
0105	furniture																									furniture
0106	pulp/paper processing products																									pulp/paper processing products
	printing/bookbinding																									printing/bookbinding
	chemical products																									chemical products
0110	steel making																		<u> </u>			<u> </u>		<u> </u>	<u> </u>	steel making
	nonferrous metal making																									nonferrous metal making
0113	machine products																									machine products
П	1	п	п 11	1 1	1	1 11		П	П	П	П	II	П	II	П	П	П	П	П	II	I	П	П	П		П

0114	electrical equipment products																						electrical equipment products
0116	electric/gas/water service																						electric/gas/water service
0201	coal mining																						coal mining
0203	other mining																						other mining
0402	road passenger transport service																						road passenger transport service
0404	other transportation service																						other transportation service
0601	agriculture																						agriculture
0803	haircut/beauty salon																						haircut/beauty salon
0804	other commerce																						other commerce
0901	financial business																						financial business
1001	movie/play service																						movie/play service
1101	telecommunication service																						telecommunication service
1201	education/research service																						education/research service
1302	social welfare facility																						social welfare facility
1303	other health and hygiene service																						other health and hygiene service
1401	hotel																						hotel
1402	restaurant																						restaurant
1501	commercial cleaning and livestock process																						commercial cleaning and livestock process
1601	public office																						public office
1701	dispatch service																						dispatch service
	total		63	45	50	42	35	44	34	39	24	34	21	19	21	11	12	9	11	16	12	542	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 217 lumberyard equipment, logging cableway 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			52		38		41	34	24	31	25	31	17	24	20	24	16	15	8	10	5	9	8	10	442	lumbering
060209	other forestry			3		5		6	3	6	2	5	2	5	3		2	1	4		2	1		1	2	53	other forestry
030199	other civil engineering work					1					2		2	1	1									2		9	other civil engineering work
010409	other lumber and wood products			1							1	1	1										1			5	other lumber and wood products
030108	sand collapse prevention civil engineering work							1	1	1			1		1											5	sand collapse prevention civil engineering work
030301	electricity/telecommunication work									2	1				1				1							5	electricity/telecommunication work
080209	other retails			2											2			1								5	other retails
070201	fishery									1	1				1	1										4	fishery
030209	other building construction									1	1			1												3	other building construction

work																							work
040301 general truck transportation service											1				1					1		3	general truck transportation service
080109 other wholesale		1																		2		3	other wholesale
010401 lumbering							1	1														2	lumbering
011209 other metal products				1												1						2	other metal products
030203 building facility construction work							2															2	building facility construction work
030309 other construction works		1																1				2	other construction works
070101 livestock							1		1													2	livestock
010109 other foods		1																				1	other foods
010402 plywood					1																	1	plywood
010909 other sand and stone products					1																	1	other sand and stone products
011502 auto mobile products																1						1	auto mobile products
011702 machine repair														1								1	machine repair
020201 quarrying																				1		1	quarrying
030105 bridge construction work								1														1	bridge construction work
030106 road construction work					1																	1	road construction work
030107 river civil engineering work					1																	1	river civil engineering work
030109 land consolidation civil engineering work								1														1	land consolidation civil engineering work
030110 water supply/sewage construction work				1																		1	water supply/sewage construction work
030302 machinery/apparatus setting work																1						1	machinery/apparatus setting work
040101 railroad service		1			\Box																	1	railroad service
040102 water transportation service																		1				1	water transportation service
050101 land cargo handling service																				1		1	land cargo handling service
050201 general harbor transportation service																		1				1	general harbor transportation service
070209 other fishery													1									1	other fishery
090209 other advertisement and mediator			1																			1	other advertisement and mediator
130101 hospital		1																				1	hospital
140301 golf course					\Box				1													1	golf course
140309 other amusement service							1															1	other amusement service
170209 others																			1			1	others
010101 meat/dairy products																							meat/dairy products
010102 fishery products					\Box											\Box			\Box				fishery products
010103 agricultural food products					\Box											\Box			\Box				agricultural food products
010104 bread/cake products					П					\Box						П							bread/cake products
010105 alcoholic drinks					\Box																		alcoholic drinks
010106 soft drinks																							soft drinks
	 _	_	 	 	=	=	=			=	=	=	==			=	=		=	=	-	_	i=====================================

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	\equiv					一		\equiv			$\dashv \vdash$			over/under wear
010309 other fiber products														other fiber products
010501 wood furniture					$\overline{\Box}$									wood furniture
010502 metal furniture	$\overline{}$										$\dashv \vdash$			metal furniture
010503 fittings														fittings
010509 other furniture					П									other furniture
010601 pulp/paper														pulp/paper
010602 paper processing products					Ħ									paper processing products
010609 other pulp/paper processing products														other pulp/paper processing products
010701 printing service	$\overline{}$											_		printing service
010702 bookbinding						一				Ti-				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						一				Ti-		_		painting products
010809 chemical fertilizer products	$\overline{}$													chemical fertilizer products
010899 other chemical products														other chemical products
010901 cement products	\equiv				\Box					i				cement products
010902 glass products										Ti-				glass products
010903 pottery products	$\overline{}$					\Box					$\dashv \vdash$			pottery products
010904 fire resisting products														fire resisting products
010905 other ceramic products	\equiv					一							i	other ceramic products
011001 steel/iron/rolling products														steel/iron/rolling products
011002 casting products						一				Ti-		_		casting products
011009 other steel products											$\dashv \vdash$			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														other nonferrous metal

products													products
011201 western tableware/cutting tool products													western tableware/cutting tool products
011202 screw products												T	screw products
011203 metal press products													metal press products
011204 metal plating products													metal plating products
011301 machine products													machine products
011302 measuring instruments													measuring instruments
011303 optical instruments													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
electronics equipment and telecommunications apparatus													electronics equipment and telecommunications apparatus
011409 other electrical equipment													other electrical 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
020202 gravel digging													gravel digging
020209 other quarrying													other quarrying
020301 metal mining													metal mining
020302 petroleum mining													petroleum mining
020309 other mining													other mining
030101 hydroelectric plant construction work													hydroelectric plant construction work
030102 tunnel construction work													tunnel construction work
030103 subway construction work													subway construction work
030104 railway construction work													railway construction work
port/seaside construction													port/seaside construction

030111 work																					work
steel frame/reinforced																					steel frame/reinforced
030201 concrete house construction work																					concrete house construction work
vuondan havea asmatmatian	\vdash	 	 		-				H	\vdash		H	\vdash			_			 	╬	wooden house construction
030202 wooden house construction work																					work
040103 airline service																				i	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
050202 port cargo handling service																					port cargo handling service
050209 other harbor transportation service																					other harbor transportation service
060101 agriculture																					agriculture
080101 all kinds of wholesale																					all kinds of wholesale
080102 furniture/fittings wholesale																					furniture/fittings 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
080301 haircut																					haircut
080302 beauty salon																					beauty salon
080401 warehousing																					warehousing
080409 other commerce																					other commerce
090101 banking/trust business																					banking/trust business
090102 stock/commodity trade business																					stock/commodity trade business
090103 insurance business																					insurance business
090109 other financial business																					other financial business
090201 traveling service																					traveling service
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
	一一			1	1	1	1		$\overline{}$		$\overline{}$	\neg	$\overline{}$	i —	$\overline{}$		i	$\overline{}$	$\overline{}$	1	7

120101 auto mobile practical training																						auto mobile practical training
120102 software service																						software service
other education/research service																						other education/research service
[130102] general clinic																						general clinic
other medical treatment service																						other medical treatment service
social welfare facility																						social welfare facility
130301 bathhouse																						bathhouse
other health and hygiene service																						other health and hygiene service
[140101] hotel																						hotel
[140201] general restaurant																						general restaurant
0140209 other restaurants																						other restaurants
140302 park and amusement park																						park and amusement park
150101 building maintenance service																						building maintenance service
150102 industrial waste management service																						industrial waste management service
other waste disposal service																						other waste disposal service
150104 cremation service																						cremation service
150105 livestock process service																						livestock process service
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
total		63	45	50	42	35	44	34	39	24	34	21	19	21	11	12	9	11	16	12	542	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