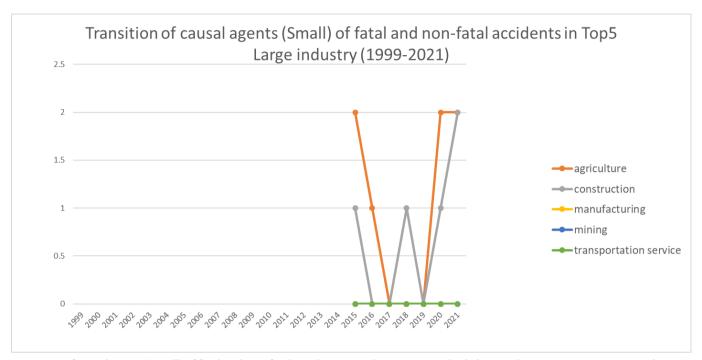
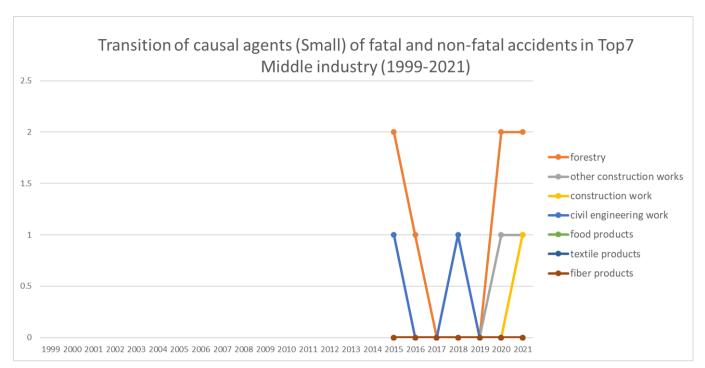
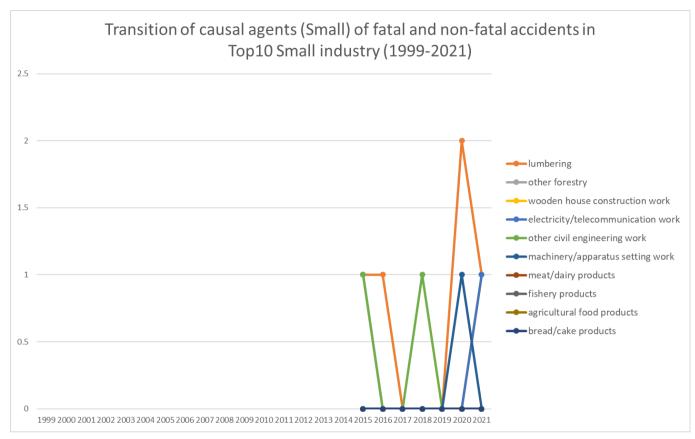
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment in Large industry (1999-2021)

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																	2	1				2	2	7	agriculture
03	construction																	1			1		1	2	5	construction
01	manufacturing																									manufacturing
02	mining																									mining
04	transportation service																									transportation service
05	cargo handling service																									cargo handling service
07	livestock/fishery																									livestock/fishery

08	commerce															commerce
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
14	hotel/restaurant/amusement															hotel/restaurant/amusement
14	service															service
15	commercial cleaning and															commercial cleaning and
	livestock process															livestock process
16	public office															public office
17	others															others
	total									3	1	1	3	4	12	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment 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																	2	1				2	2	7	forestry
0303	other construction works																						1	1	2	other construction works
0302	construction work																							1	1	construction work
0301	civil engineering work																	1			1				2	civil engineering work
0101	food products																									food products
0102	textile products																									textile products
0103	fiber products																									fiber products
0104	wood products																									wood products

0105	furniture												furniture
0106	pulp/paper processing products												pulp/paper processin products
0107	printing/bookbinding												printing/bookbinding
0108	chemical products												chemical products
0109	sand and stone products												sand and stone
0110	steel making												steel making
0111	nonferrous metal making												nonferrous metal making
0112	metal products												metal products
0113	machine products												machine products
0114	electrical equipment products												electrical equipmen
0115	transport equipment products												transport equipmen
0116	electric/gas/water service												electric/gas/water service
0117	other manufacturing												other manufacturin
0201	coal mining												coal mining
0202	quarrying												quarrying
0203	other mining												other mining
0401	railroad/water transportation/airline service												railroad/water transportation/airlin service
0402	road passenger transport service												road passenger transport service

0403	road cargo transportation service												road cargo transportation service
0404	other transportation service												other transportation service
0501	land cargo handling service												land cargo handling service
0502	harbor transportation service												harbor transportation service
0601	agriculture												agriculture
0701	livestock												livestock
0702	fishery												fishery
0801	wholesale												wholesale
0802	retail												retail
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
1302	social welfare facility												social welfare facility
1303	other health and hygiene service												other health and

																hygiene service
1401	hotel															hotel
1402	restaurant															restaurant
1403	other amusement service															other amusement service
1501	commercial cleaning and livestock process															commercial cleaning and livestock process
1601	public office															public office
1701	dispatch service															dispatch service
1702	others															others
	total									3	1	1	3	4	12	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 218 simple skyline yarding equipment in Small industry (1999-2021)

code	Small industry	1999	2000	2001	2002	2003 20	04 200	5 20	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Small industry
060201	lumbering																1	1				2	1	5	lumbering
060209	other forestry																1						1	2	other forestry
030202	wooden house construction work																						1	1	wooden house construction work
030301	electricity/telecommunication work																						1	1	electricity/telecommunication work
030199	other civil engineering work																1			1				2	other civil engineering work
030302	machinery/apparatus setting work																					1		1	machinery/apparatus setting work
010101	meat/dairy products																								meat/dairy products
010102	fishery products																								fishery products
010103	agricultural food products																								agricultural food products
1 7					1 7						Π	ı 7			٦		1 7			1 7					

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						ĺ							silk-reeling
010202	cotton-spinning						ĺ							cotton-spinning
010203	weaving						ĺ							weaving
010204	dyeing						ĺ							dyeing
010209	other textile products						ĺ							other textile products
010301	over/under wear						ĺ							over/under wear
010309	other fiber products													other fiber products
010401	lumbering													lumbering
010402	plywood						ĺ							plywood
010409	other lumber and wood						ĺ							other lumber and wood
010409	products													products
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													other pulp/paper processing
010009	products													products
010701	printing service													printing service
010702	bookbinding													bookbinding
010709	other printing and													other printing and
010/09	bookbinding													bookbinding

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010801	non organic or organic																			non organic or organic
010801	chemical products																			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																			other sand and stone
010909	products																			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																			nonferrous metals/rolling
011101	products																			products
011102	nonferrous metals casting																			nonferrous metals casting
011102	products																			products
011109	other nonferrous metal																			other nonferrous metal

	products			products
011201	western tableware/cutting			western tableware/cutting
	tool products			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
011305	other precision machine			other precision machine
	products			products
011401	heavy electrical equipment			heavy electrical equipment
011402	electrical appliance			electrical appliance
	electronics equipment and			electronics equipment and
011403	telecommunications			telecommunications
	apparatus			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			other transport equipment
011303	products			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
011702	machine repair											machine repair
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											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
030105	bridge construction work											bridge construction work
030106	road construction work											road construction work
030107	river civil engineering work											river civil engineering work
030108	sand collapse prevention civil engineering work											sand collapse prevention civil
030109	land consolidation civil											land consolidation civil

	engineering work												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
030203	building facility construction work												building facility construction work
030209	other building construction work												other building construction work
030309	other construction works												other construction works
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
040301	general truck transportation service												general truck transportation 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

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	other transportation service			_	_	_				_		_	_				other transportation service
050101	land cargo handling service																land cargo handling service
050201	general harbor transportation																general harbor transportation
030201	service																service
050202	port cargo handling service																port cargo handling service
050200	other harbor transportation																other harbor transportation
050209	service																service
060101	agriculture																agriculture
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
080409	other commerce																other commerce
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													other advertisement and
050205	mediator													mediator
100101	movie production and													movie production and
	delivery service													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
120103	service													service
130101	hospital													hospital
130102	general clinic													general clinic
130109	other medical treatment													other medical treatment
130103	service													service
130201	social welfare facility													social welfare facility
130301	bathhouse													bathhouse
130309	other health and hygiene													other health and hygiene
130303	service													service
140101	hotel													hotel
140201	general restaurant													general restaurant
140209	other restaurants													other restaurants
140301	golf course													golf course

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															process service
160101	public office															public office
170101	dispatch service															dispatch service
170201	security service															security service
170202	information processing															information processing
170202	service															service
170209	others															others
	total									3	1	1	3	4	12	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