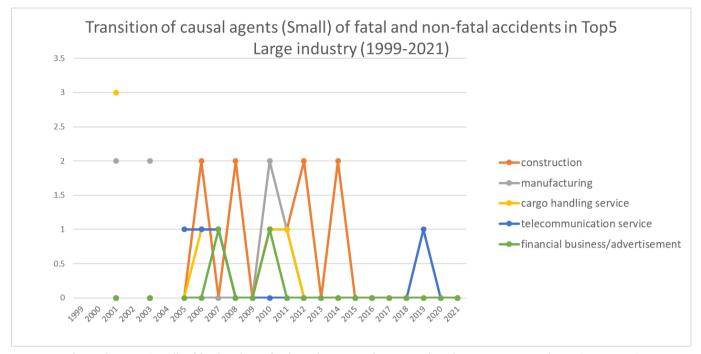
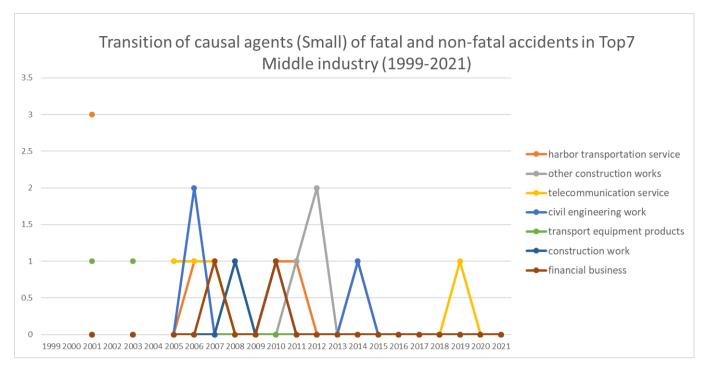
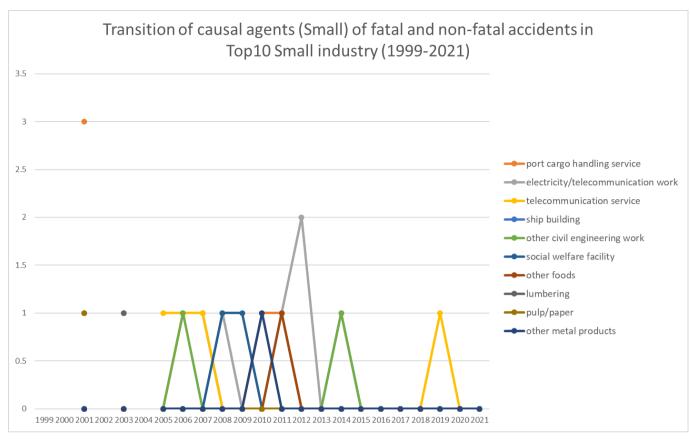
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane 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
03	construction								2		2		1	1	2		2								10	construction
01	manufacturing			2		2							2	1											7	manufacturing
05	cargo handling service			3					1	1			1	1											7	cargo handling service
11	telecommunication service							1	1	1												1			4	telecommunication service
09	financial									1			1												2	financial
11	business/advertisement									'			<u> </u>													business/advertisement
13	health and hygiene service										1	1													2	health and hygiene service
04	transportation service					1																			1	transportation service

07	livestock/fishery				1													1	livestock/fishery
14	hotel/restaurant/amusement						1											1	hotel/restaurant/amusement
14	service						ı												service
17	others							1										1	others
02	mining																		mining
06	agriculture																		agriculture
08	commerce																		commerce
10	movie/play service																		movie/play service
12	education/research service																		education/research service
15	commercial cleaning and																		commercial cleaning and
	livestock process																		livestock process
16	public office																		public office
	total		5	3	2	4	4	4	1	5	3	2	2			1		36	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane 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
0502	harbor transportation service			3					1	1			1	1											7	harbor transportation service
0303	other construction works										1			1	2		1								5	other construction works
1101	telecommunication service							1	1	1												1			4	telecommunication service
0301	civil engineering work								2								1								3	civil engineering work
0115	transport equipment products			1		1																			2	transport equipment products
0302	construction work										1		1												2	construction work

0901 financial business					1			1							2	financial business
1302 social welfare facility						1	1								2	social welfare facility
0101 food products									1						1	food products
0104 wood products			1												1	wood products
0106 pulp/paper processing products		1													1	pulp/paper procession
0112 metal products								1							1	metal products
0117 other manufacturing								1							1	other manufacturing
0403 road cargo transportation service			1												1	road cargo transportation service
0702 fishery				1											1	fishery
1402 restaurant					1										1	restaurant
1702 others						1									1	others
0102 textile products																textile products
0103 fiber products																fiber products
0105 furniture																furniture
0107 printing/bookbinding																printing/bookbindin
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
0113 machine products																machine products
0114 electrical equipment products																electrical equipmen
																electric/gas/water

0116	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
0601	agriculture													agriculture
0602	forestry													forestry
0701	livestock													livestock
0801	wholesale													wholesale
0802	retail													retail
0803	haircut/beauty salon													haircut/beauty salon
0804	other commerce													other commerce
0902	advertisement and mediator													advertisement and mediator
1001	movie/play service													movie/play service
1201	education/research service													education/research service
1301	medical treatment service													medical treatment service

1303	other health and hygiene service																		other health and
	5																		hygiene service
1401	hotel																		hotel
1403	other amusement service																		other amusement
1403	other unitagement service																		service
1501	commercial cleaning and livestock																		commercial cleaning
III.	process																		and livestock process
1601	public office																		public office
1701	dispatch service																		dispatch service
	total		5	3	2	4	4	4	1	5	3	2	2			1		36	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane 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
050202	port cargo handling service			3					1	1			1	1											7	port cargo handling service
030301	electricity/telecommunication work										1			1	2		1								5	electricity/telecommunication work
110101	telecommunication service							1	1	1												1			4	telecommunication service
011501	ship building			1		1																			2	ship building
030199	other civil engineering work								1								1								2	other civil engineering work
130201	social welfare facility										1	1													2	social welfare facility
010109	other foods													1											1	other foods
010401	lumbering					1																			1	lumbering
010601	pulp/paper			1																					1	pulp/paper
011209	other metal products												1												1	other metal products
011702	machine repair												1												1	machine repair
030106	road construction work								1																1	road construction work

030201	steel frame/reinforced concrete house construction work							1						1	steel frame/reinforced concrete house construction work
030209	other building construction work						1							1	other building construction work
040301	general truck transportation service			1										1	general truck transportation service
070201	fishery				1									1	fishery
090101	banking/trust business							1						1	banking/trust business
090103	insurance business					1								1	insurance business
140209	other restaurants					1								1	other restaurants
170209	others						1							1	others
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
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 products											other lumber and wood products
010501	wood furniture											wood furniture
010502	metal furniture											metal furniture
010503	fittings											fittings
010509	other furniture											other furniture
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											non organic or organic
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

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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
011103	products													products
011201	western tableware/cutting													western tableware/cutting
011201	tool products													tool products
011202	screw products													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													other precision machine
011303	products													products
011401	heavy electrical equipment													heavy electrical equipment
011402	electrical appliance													electrical appliance
	electronics equipment and													electronics equipment and

	telecommunications apparatus													telecommunications apparatus
011409	other electrical equipment													other electrical equipment
011502	auto mobile products													auto mobile products
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													other mining
030101	hydroelectric plant													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
030107	river civil engineering work														river civil engineering work
030108	sand collapse prevention civil														sand collapse prevention civil
030108	engineering work														engineering work
030109	land consolidation civil														land consolidation civil
030103	engineering work														engineering work
030110	water supply/sewage														water supply/sewage
	construction work														construction work
030111	port/seaside construction														port/seaside construction
	work									_					work
030202	wooden house construction														wooden house construction
	work														work
030203	building facility construction														building facility construction
	work														work
030302	machinery/apparatus setting														machinery/apparatus setting
	work									_					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
0.46323	other passenger transport														other passenger transport
040209	service														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
	land cargo handling service												land cargo handling service
050201	general harbor transportation service												general harbor transportation service
050209	other harbor transportation service												other harbor transportation service
060101	agriculture												agriculture
060201	lumbering												lumbering
060209	other forestry												other forestry
070101	livestock												livestock
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
090102	stock/commodity trade													stock/commodity trade
050102	business													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
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
150105	service													service
130301	bathhouse													bathhouse
130309	other health and hygiene													other health and hygiene
130303	service													service
140101	hotel													hotel
140201	general restaurant													general restaurant
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																		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		5	3	2	4	4	4	1	5	3	2	2			1		36	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