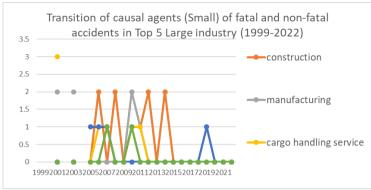
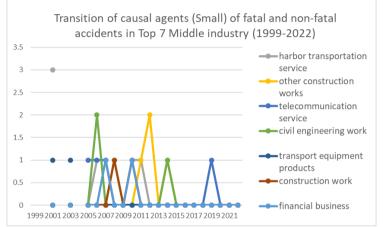
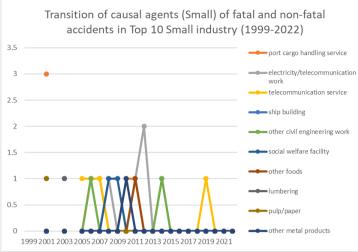
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane in Small Industry (1999-2022)

	L and in deature																2014	2015	2016	2017	2010	2010	2020	2021	2022	4 - 4 - 1	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	2022	total	
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 business/advertisement									1			1													2	financial 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 service									1																1	hotel/restaurant/amusement 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 livestock process																										commercial cleaning and 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 Large industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 213 derrick crane 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 20	019 202	20 202	21 20	22 to	otal	Middle industry

0502	2 harbor transportation service		3			1	1			1	1								harbor transportation service
0303	other construction works							1			1	2	1					5	other construction works
1101	l telecommunication service				1	1	1									1		4	telecommunication service
0301	I civil engineering work					2							1					3	civil engineering worl
0115	transport equipment products		1	1														2	transport equipment products
0302	2 construction work							1		1								2	construction work
0901	I financial business						1			1								2	financial business
1302	2 social welfare facility							1	1									2	social welfare facility
0101	food products										1							1	food products
0104	wood products			1														1	wood products
0106	5 pulp/paper processing products		1															1	pulp/paper processing products
0112	2 metal products									1								1	metal products
0117	7 other manufacturing									1								1	other manufacturing
0403	3 road cargo transportation service			1														1	road cargo transportation service
0702	2 fishery				1													1	fishery
1402	2 restaurant						1											1	restaurant
1702	2 others							1										1	others
0102	2 textile products																		textile products
0103	3 fiber products																		fiber products
0105	5 furniture																		furniture
0107	7 printing/bookbinding																		printing/bookbinding
0108	chemical products																		chemical products
0109	sand and stone products																		sand and stone products
0110) steel making																		steel making
011	nonferrous metal making																		nonferrous metal making
0113	3 machine products																		machine products
0114	4 electrical equipment products																		electrical equipment products
0116	5 electric/gas/water service																		electric/gas/water service
0201	l coal mining																		coal mining
	2 quarrying																		quarrying
	other mining																		other mining
0401	railroad/water transportation/airling																		railroad/water transportation/airline service

0402	road passenger transport service																		transport service
0404	other transportation service																		other transportation service
0501	land cargo handling service																		land cargo handling service
0601	agriculture																		agriculture
0602	2 forestry																		forestry
0701	livestock																		livestock
0801	wholesale																		wholesale
0802	2 retail																		retail
0803	haircut/beauty salon																		haircut/beauty salon
0804	t 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 hygiene service
1401	hotel																		hotel
	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
	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 (1999-2022)

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
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
	steel frame/reinforced concrete house construction work										1							1	steel frame/reinforced concrete house construction work
	other building construction work								1									1	other building construction work
040301	general truck transportation service				1													1	general truck transportation service
070201						1												1	fishery
	banking/trust business										1							1	banking/trust business
	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														i				alcoholic drinks
010106	soft drinks																		soft drinks
010201	silk-reeling														i			i –	silk-reeling
	cotton-spinning																		cotton-spinning
-	weaving																		weaving
010204																		1-	dyeing
P	other textile products															 		1	other textile products
P	over/under wear															 		1	over/under wear
	other fiber products															 			other fiber products
	plywood			\vdash												 		╢──	plywood
	other lumber and wood products																		other lumber and wood products
P	wood furniture																		wood furniture
	metal furniture		\vdash							\vdash									metal furniture
010502																			fittings
P	other furniture																		other furniture
	paper processing products															 			paper processing products
	other pulp/paper processing products																		other pulp/paper processing products
	printing service																		printing service
P	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											1	leather products
010808 painting products												painting products
010809 chemical fertilizer products												chemical fertilizer products
010899 other chemical products												other chemical products
010901 cement products	im				imi		i					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
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 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			i									screw products
011203 metal press products												metal press products
011204 metal plating products												metal plating products
011301 machine products					i							machine products
011302 measuring instruments												measuring instruments
011303 optical instruments					i						1	optical instruments
011304 watch products												watch products
011305 other precision machine products												other precision machine products
011401 heavy electrical equipment					┢──┟							heavy electrical equipment
011401 neavy electrical equipment					╟──┤							electrical appliance
electronics equipment and					╟──╟			L				electronics equipment and
011403 telecommunications apparatus												telecommunications apparatus
011409 other electrical equipment								<u> </u>				other electrical equipment
011502 auto mobile products			j		i						1	auto mobile products
011503 railway vehicle products			j – j		i							railway vehicle products
other transport equipment	i		i – – – i –		il		i – – i	¦-			1	other transport equipment

011509 products																		products
011601 electric utility service						<u> </u>												 electric utility service
011602 city gas service						<u> </u>			 									 city gas service
011603 city water service											¦						-	 city water service
other electric/gas/water														L			-	 other electric/gas/water
011609 other electric/gas/water service																		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									Ī		ĺ	Ī					Ī	other quarrying
020301 metal mining										i	ĺ				Ī		Ī	metal mining
020302 petroleum mining				imi			<u> </u>		<u> </u>	j	i	<u> </u>					i	petroleum mining
020309 other mining																		 other mining
hudroalaatria alaat	1			i		— -	i		i	i	—i	i		i	—i	i-	—i	 hydroelectric plant
030101 nydroelectric plant construction work																		construction work
030102 tunnel construction work																		tunnel construction work
030103 subway construction work																		subway construction work
030104 railway construction work											ĺ	Ī						railway construction work
030105 bridge construction work									Ī		ĺ						Ī	bridge construction work
030107 river civil engineering work										i	İ						Ī	river civil engineering work
030108 sand collapse prevention							Ī											sand collapse prevention
030108 civil engineering work																		civil engineering work
030109 land consolidation civil engineering work																		land consolidation civil engineering work
030110 water supply/sewage construction work																		water supply/sewage construction work
030111 port/seaside construction work																		port/seaside construction work
030202 wooden house construction						—¦-	—¦											 wooden house construction
WOIK																		work
030203 building facility construction work																		building facility construction work
030302 machinery/apparatus setting work																		machinery/apparatus setting work
030309 other construction works				i -								¦			¦-			 other construction works
040101 railroad service				┟──╎┟	-	-			-							L	-	 railroad service
040102 water transportation service							-					l		-	L		¦	water transportation service
040102 water transportation service				╠──┤┟								<u> </u>					<u> </u>	 airline service
040103 annie service							-		-								-	 taxi service

040202 bus serv	vice													bus service
	assenger transport	1												other passenger transport service
	truck transportation													specific truck transportation service
040303 cargo/ li transpor	ight automobile rtation service													cargo/ light automobile transportation service
	rtation service													other land cargo transportation service
40409 other tra	ansportation service													other transportation service
50101 land car	rgo handling service													land cargo handling service
50201 general service	harbor transportation													general harbor transportation service
service	arbor transportation													other harbor transportation service
60101 agricultu	ure													agriculture
60201 lumberii	ng													lumbering
60209 other for	restry													other forestry
70101 livestocl	k													livestock
70209 other fis	shery													other fishery
0101 all kinds	s of wholesale													all kinds of wholesale
30102 furniture	e/fittings wholesale													furniture/fittings wholesale
30109 other wh	holesale													other wholesale
30201 all kinds	s of retail													all kinds of retail
30202 auto mo	bile retail							Ī						auto mobile retail
30203 furniture	e/fittings retail													furniture/fittings retail
30204 fuel reta	ail						Ī	Ī		i				fuel retail
30205 newspap	per retail						<u> </u>	<u> </u>						newspaper retail
30209 other ret	tails													other retails
30301 haircut							<u> </u>	<u> </u>						haircut
0302 beauty s	salon						i	—i	i					beauty salon
0401 warehou						Ē	i	Ť	Ť			i		warehousing
30409 other co							i	Ť						other commerce
90102 stock/co business	ommodity trade													stock/commodity trade business
90109 other fin	nancial business					Ē	i	Ť						other financial business
0201 traveling												i — i		traveling service
	lvertisement and													other advertisement and mediator
	production and													movie production and delivery service
00102 movie th								 Ī						movie theatre
	ovie/play service						i	 Ť	i				Ť	other movie/play service
	bile practical training					—i	—i	 —i	i	i-		i i i		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
130301 bathhouse																		bathhouse
130309 other health and hygiene service																		other health and hygiene 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
information processing service																		information processing service
total		5	3	2	4	4	4	1	5	3	2	2			1		 36	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