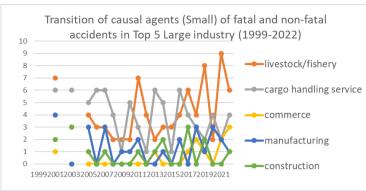
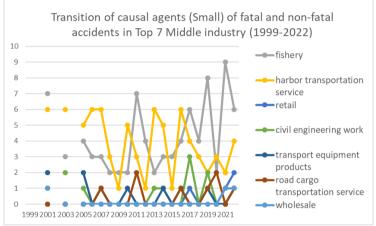
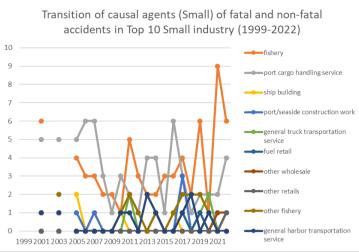
## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance in Small Industry (1999-2022)

Trans	tion of causal agents (Small) of fat																										
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	2022	total	Large industry
07	livestock/fishery			7		3		4	3	3	2	2	2	7	4	2	3	3	4	6	4	8	2	9	6	84	livestock/fishery
05	cargo handling service			6		6		5	6	6	4	1	5	3	1	6	5	1	6	4	3	2	4	2	4	80	cargo handling service
08	commerce			1												1				1	2	1		2	3	11	commerce
01	manufacturing			4				3		3		1	1	2			1		2		3	1	3	2	1	27	manufacturing
03	construction			2		3		1		1				1		1	2			3		2			1	17	construction
04	transportation service									1				2		1		1	1			2	2		1	11	transportation service
17	others							1				1	1	1		1										5	others
11	telecommunication service												1													1	telecommunication service
15	commercial cleaning and livestock process								1																	1	commercial cleaning and livestock process
02	mining																										mining
06	agriculture																										agriculture
09	financial business/advertisement																										financial business/advertisement
10	movie/play service																										movie/play service
12	education/research service																										education/research service
13	health and hygiene service																										health and hygiene service
14	hotel/restaurant/amusement service																										hotel/restaurant/amusement service
16	public office																										public office
	total			20		12		14	10	14	6	5	10	16	5	12	11	5	13	14	12	16	11	15	16	237	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance in Large industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance 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 201	9 2020	2021	2022	total	Middle industry

0702	fishery	7	3	4	3	3	2	2	2	7	4	2	3	3	4	6	4	8	2	9	6	84	fishery
0502	harbor transportation service	6	6	5	6	6	3	1	5	3	1	6	5	1	6	4	3	2	3	2	4	78	harbor transportation service
0802	retail															1		1		1	2	5	retail
0301	civil engineering work	1	2	1		1						1	1			3		2			1	13	civil engineering work
0115	transport equipment products	2		2		1			1				1		1			1			1	10	transport equipment products
0403	road cargo transportation service					1				2					1			1	2		1	8	road cargo transportation service
0801	wholesale	1																		1	1	3	wholesale
0101	food products					1				2					1		1			1		6	food products
0117	other manufacturing			1				1											2			4	other manufacturing
1702	others							1	1	1		1										4	others
0113	machine products	1																	1	1		3	machine products
0302	construction work	1	1							1												3	construction work
0401	railroad/water transportation/airline service											1		1				1				3	railroad/water transportation/airline service
0804	other commerce											1					2					3	other commerce
0112	metal products	1															1					2	metal products
0501	land cargo handling service						1												1			2	land cargo handling service
0109	sand and stone products					1																1	sand and stone products
0111	nonferrous metal making																1					1	nonferrous metal making
0303	other construction works												1									1	other construction works
1101	telecommunication service								1													1	telecommunication service
1501	commercial cleaning and livestock				1																	1	commercial cleaning and livestock process
1701	dispatch service			1																		1	dispatch service
	textile products																						textile products
0103	fiber products																						fiber products
0104	wood products																						wood products
0105	furniture																						furniture
0106	pulp/paper processing products																						pulp/paper processing products
0107	printing/bookbinding																						printing/bookbinding
0108	chemical products																						chemical products
0110	steel making																						steel making
0114	electrical equipment products																						electrical equipment products
0116	electric/gas/water service																						electric/gas/water

																								service
0201	coal mining																							coal mining
0202	quarrying																							quarrying
0203	other mining																							other mining
0402	road passenger transport service																							road passenger transport service
0404	other transportation service																							other transportation service
0601	agriculture																							agriculture
0602	forestry																							forestry
0701	livestock																							livestock
0803	haircut/beauty salon																							haircut/beauty salon
0901	financial business																							financial business
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
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
1601	public office																							public office
	total		20	12	14	10	14	6	5	10	16	5	12	11	5	13	14	12	16	11	15	16	237	total

## Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 215 cargo lifting appliance 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
070201	fishery			6		1		4	3	3	2	2	1	5	3	2	2	3	3	4	2	6	1	9	6	68	fishery
050202	port cargo handling service			5		5		5	6	6	3	1	3	2	1	4	4	1	6	3	1	2	2	2	4	66	port cargo handling service
	ship building			1				2		1			1				1		1			1			1	9	ship building
	port/seaside construction work			1		1		1		1							1			3					1	9	port/seaside construction work
040301	general truck transportation service													2								1	2		1	6	general truck transportation service
080204	fuel retail																			1		1		1	1	4	fuel retail
080109	other wholesale																							1	1	2	other wholesale
080209	other retails																								1	1	other retails
070209	other fishery			1		2							1	2	1		1		1	2	2	2	1			16	other fishery
	general harbor transportation																										general harbor transportation

050201 service		1	1						1	1	2	1			1	2		1		11	service
010102 fishery products						1								1		1			1	4	fishery products
170209 others								1	1	1	1									4	others
011301 machine products		1																1	1	3	machine products
040102 water transportation service											1		1				1			3	water transportation service
010109 other foods										2										2	other foods
011209 other metal products		1														1				2	other metal products
011702 machine repair				1														1		2	machine repair
030106 road construction work			1														1			2	road construction work
030199 other civil engineering work											1						1			2	other civil engineering work
040302 specific truck transportation service						1								1						2	specific truck transportation service
050101 land cargo handling service							1											1		2	land cargo handling service
080401 warehousing											1					1				2	warehousing
010901 cement products						1														1	cement products
011109 other nonferrous metal products																1				1	other nonferrous metal products
011509 other transport equipment products		1																		1	other transport equipment products
011703 cleaning								1												1	cleaning
011709 other manufacturing																		1		1	other manufacturing
030201 steel frame/reinforced concrete house construction work			1																	1	steel frame/reinforced concrete house construction work
030202 wooden house construction work										1										1	wooden house construction work
030209 other building construction work		1																		1	other building construction work
030309 other construction works												1								1	other construction works
050209 other harbor transportation service									1											1	other harbor transportation service
080101 all kinds of wholesale		1																		1	all kinds of wholesale
080409 other commerce																1				1	other commerce
110101 telecommunication service									1											1	telecommunication service
150109 other cleaning and livestock process service					1															1	other cleaning and livestock process service
170101 dispatch service				1																1	dispatch service
010101 meat/dairy products																					meat/dairy 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				╎──┤		11								dyeing
	other textile products													other textile products
L	over/under wear													over/under wear
	other fiber products													other fiber products
	lumbering										 			lumbering
-	plywood													plywood
010409	other lumber and wood													other lumber and wood
	products													products
L	wood furniture													wood furniture
	metal furniture													metal furniture
	fittings													fittings
010509	other furniture													other furniture
	pulp/paper													pulp/paper
	paper processing products													paper processing products
010609	other pulp/paper processing products													other pulp/paper processing products
	printing service													printing service
	bookbinding			i i				i		i				bookbinding
010709	other printing and bookbinding													other printing and bookbinding
010801														non organic or organic chemical products
010802	chemical fiber			i i		i		i		i				chemical fiber
010803	pharmaceuticals							i						pharmaceuticals
	petroleum/coal products			i		imi		—i		i				petroleum/coal products
	plastics products					i		i						plastics products
	rubber products					imi								rubber products
	leather products					i		i						leather products
	painting products					i — i		—i		i				painting products
	chemical fertilizer products					imi		—i		i				chemical fertilizer products
	other chemical products					i								other chemical products
	glass products					i	i	¦	i					glass products
	pottery products					i								pottery products
010904	fire resisting products					i								fire resisting products
	other ceramic products													other ceramic products
010909	other sand and stone products													other sand and stone products
011001	steel/iron/rolling products			╞		i – i								steel/iron/rolling products
	casting products													casting products
	other steel products			╞		i d	F		-					other steel products
	nonferrous metals/rolling					i — i								nonferrous metals/rolling
011101	products													products

11102 nonferrous metals casting products													nonferrous metals casting products
1201 western tableware/cutting tool products													western tableware/cutting tool products
1202 screw products													screw products
1203 metal press products													metal press products
1204 metal plating products													metal plating products
1302 measuring instruments													measuring instruments
1303 optical instruments													optical instruments
1304 watch products													watch products
1305 other precision machine products													other precision machine products
1401 heavy electrical equipment													heavy electrical equipment
1402 electrical appliance													electrical appliance
1403 electronics equipment and telecommunications apparatus													electronics equipment and telecommunications apparatus
1409 other electrical equipment													other electrical equipment
1502 auto mobile products													auto mobile products
1503 railway vehicle products													railway vehicle products
1601 electric utility service													electric utility service
1602 city gas service													city gas service
1603 city water service													city water service
1609 other electric/gas/water service													other electric/gas/water service
1701 auto mobile servicing													auto mobile servicing
1704 tobacco products													tobacco products
0101 general coal mining													general coal mining
0109 other coal mining													other coal mining
0201 quarrying													quarrying
0202 gravel digging													gravel digging
0209 other quarrying													other quarrying
0301 metal mining													metal mining
0302 petroleum mining													petroleum mining
0309 other mining													other mining
0101 hydroelectric plant construction work													hydroelectric plant construction work
0102 tunnel construction work													tunnel construction work
0103 subway construction work													subway construction work
0104 railway construction work													railway construction work
0105 bridge construction work													bridge construction work
0107 river civil engineering work													river civil engineering work
sand collapse prevention civil engineering work													sand collapse prevention 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
030203	building facility construction work														building facility construction work
030301	electricity/telecommunication work														electricity/telecommunication work
030302	machinery/apparatus setting work														machinery/apparatus setting work
040101	railroad service														railroad service
040103	airline service														airline service
040201	taxi service					Ī									taxi service
040202	bus service														bus service
040209	other passenger transport service														other passenger transport 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
060101	agriculture					Ī									agriculture
060201	lumbering			i											lumbering
060209	other forestry			j		i —	Ī	Ī				j			other forestry
070101	livestock			i											livestock
080102	furniture/fittings wholesale			j		1						j			furniture/fittings wholesale
080201	all kinds of retail			i		j		<u> </u>				j			all kinds of retail
080202	auto mobile retail														auto mobile retail
080203	furniture/fittings retail				Ť	i		Ē		i					furniture/fittings retail
	newspaper retail					i				1					newspaper retail
080301			i	i	<u> </u>	i		—i		1					haircut
	beauty salon		i		<u> </u>	i		—i		1					beauty salon
	banking/trust business			i						1		i			banking/trust business
<u> </u>	stock/commodity trade business														stock/commodity trade business
090103	insurance business				i	i		-i		i					insurance business
	other financial business			i						1					other financial business
	traveling service		i	i						1					traveling service
090209	other advertisement and mediator														other advertisement and mediator
100101	movie production and delivery service														movie production and delivery service
	movie theatre														movie theatre
100109	other movie/play service											j			other movie/play service
120101	auto mobile practical training					i									auto mobile practical training

	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
	bathhouse																							bathhouse
130309	other health and hygiene service																							other health and hygiene 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
	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
160101	public office																							public office
170201	security service																							security service
170202	information processing service																							information processing service
	total		20	12	14	10	14	6	5	10	16	5	12	11	5	13	14	12	16	11	15	16	237	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