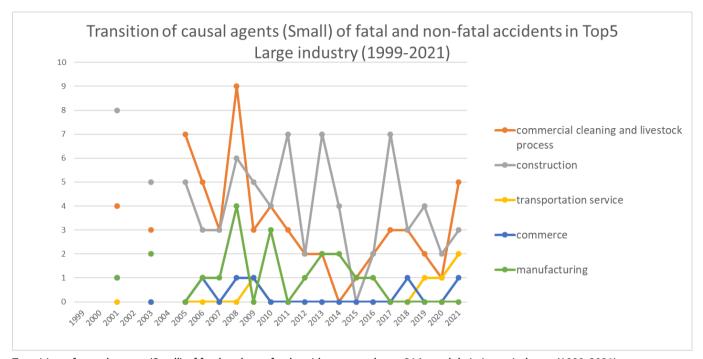
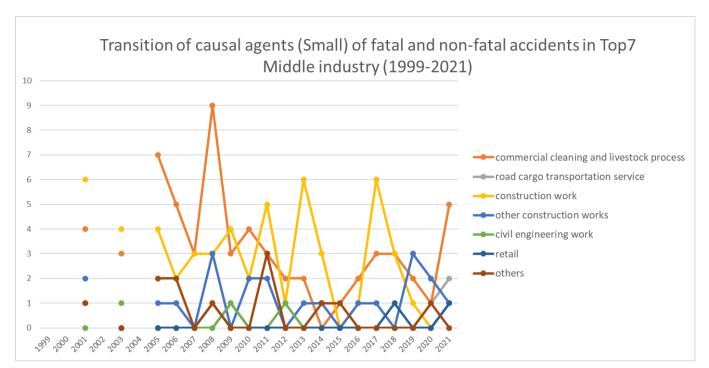
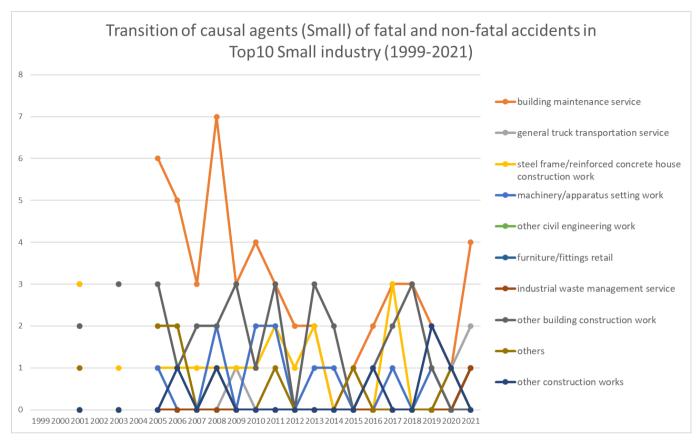
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola in Large industry (1999-2021)

																								_		1
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
15	commercial cleaning and			1		2		7	_	2	0	3	4	3	2	2		1	2	2	2	2	1	_	62	commercial cleaning and
11 - 1	livestock process							,		3	9	3									J		'		02	livestock process
03	construction			8		5		5	3	3	6	5	4	7	2	7	4		2	7	3	4	2	3	80	construction
04	transportation service											1										1	1	2	5	transportation service
08	commerce			1					1		1	1									1			1	6	commerce
01	manufacturing			1		2			1	1	4		3		1	2	2	1	1						19	manufacturing
17	others			1				2	2		1		1	3			1	1					1		13	others
	hotel/restaurant/amusement																									hotel/restaurant/amusement

14	service					1	1		1													3	service
05	cargo handling service														1							1	cargo handling service
06	agriculture																		1			1	agriculture
02	mining																						mining
07	livestock/fishery																						livestock/fishery
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
16	public office																						public office
	total		15	10	14	13	8	21	11	12	13	5	11	7	4	5	10	7	8	5	11	190	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola 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
1501	commercial cleaning and livestock process			4		3		7	5	3	9	3	4	3	2	2		1	2	3	3	2	1	5	62	commercial cleaning and livestock process
0403	road cargo transportation service											1											1	2	4	road cargo transportation service
0302	construction work			6		4		4	2	3	3	4	2	5	1	6	3		1	6	3	1		1	55	construction work
0303	other construction works			2				1	1		3		2	2		1	1		1	1		3	2	1	21	other construction works
0301	civil engineering work					1						1			1									1	4	civil engineering work
0802	retail			1							1										1			1	4	retail
1702	others			1				2	2		1			3			1	1					1		12	others

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0117	other manufacturing		1					1		1				1	1				5	other manufacturing
0113	machine products			1				1				2							4	machine products
0101	food products									1			2						3	food products
0112	metal products			1			1			1									3	metal products
0804	other commerce					1			1										2	other commerce
1403	other amusement service						1		1										2	other amusement service
0105	furniture							1											1	furniture
0106	pulp/paper processing products					1													1	pulp/paper processing products
0108	chemical products							1											1	chemical products
0110	steel making										1								1	steel making
0401	railroad/water transportation/airline service																1		1	railroad/water transportation/airline service
0502	harbor transportation service													1					1	harbor transportation service
0601	agriculture																1		1	agriculture
1401	hotel					1													1	hotel
1701	dispatch service									1									1	dispatch service
0102	textile products																			textile products
0103	fiber products																			fiber products
0104	wood products																			wood products
0107	printing/bookbinding																			printing/bookbinding
0109	sand and stone products																			sand and stone
																				nonferrous metal

0111	nonferrous metal making												r	making
													-	electrical equipment
0114	electrical equipment products												F	products
0115	transport equipment products												t	transport equipment
0113	transport equipment products													products
0116	electric/gas/water service												6	electric/gas/water
	erective gas, water service													service
0201	coal mining													coal mining
0202	quarrying												(quarrying
0203	other mining													other mining
0402	road passenger transport service												r	road passenger
0402	Touch pusseringer transport service												t	transport service
0404	other transportation service												C	other transportation
														service
0501	land cargo handling service												I	land cargo handling
														service
0602	forestry												f	forestry
0701	livestock												I	livestock
0702	fishery												f	fishery
0801	wholesale												\	wholesale
0803	haircut/beauty salon												ŀ	haircut/beauty salon
0901	financial business												f	financial business
0003	advertisement and mediator												ā	advertisement and
0902	advertisement and mediator												r	mediator
1001	movie/play service												r	movie/play service
1101	telecommunication service												t	telecommunication
1101	terecommunication service													service

1201	education/research service																						education/research
1301	medical treatment service																						medical treatment
1302	social welfare facility																						social welfare facility
1303	other health and hygiene service																						other health and
1402	restaurant																						restaurant
1601	public office																						public office
	total		15	10	14	13	8	21	11	12	13	5	11	7	4	5	10	7	8	5	11	190	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 216 gondola 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
150101	building maintenance service			3		3		6	5	3	7	3	4	3	2	2		1	2	3	3	2	1	4	57	building maintenance service
040301	general truck transportation service											1											1	2	4	general truck transportation service
	steel frame/reinforced concrete house construction work			3		1		1	1	1	1	1	1	2	1	2				3				1	19	steel frame/reinforced concrete house construction work
030302	machinery/apparatus setting work			2				1			2		2	2		1	1			1		1		1	14	machinery/apparatus setting work
030199	other civil engineering work																							1	1	other civil engineering work
080203	furniture/fittings retail																							1	1	furniture/fittings retail
150102	industrial waste management service																							1	1	industrial waste management service
030209	other building construction work			2		3		3	1	2	2	3	1	3		3	2		1	2	3	1			32	other building construction

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170209	others		1		2	2		1			1				1					1	9	others
030309	other construction works					1		1								1			2	1	6	other construction works
011702	machine repair		1					1		1					1	1					5	machine repair
011301	machine products			1				1					2								4	machine products
150109	other cleaning and livestock process service		1		1			2													4	other cleaning and livestock process service
011209	other metal products			1			1			1											3	other metal products
030203	building facility construction work												1	1			1				3	building facility construction work
170201	security service										2			1							3	security service
010109	other foods													2							2	other foods
080209	other retails							1										1			2	other retails
080409	other commerce					1			1												2	other commerce
010103	agricultural food products									1											1	agricultural food products
010501	wood furniture							1													1	wood furniture
010609	other pulp/paper processing products					1															1	other pulp/paper processing products
010804	petroleum/coal products							1													1	petroleum/coal products
011002	casting products											1									1	casting products
030105	bridge construction work								1												1	bridge construction work
030107	river civil engineering work			1																	1	river civil engineering work
030109	land consolidation civil engineering work											1									1	land consolidation civil
030202	wooden house construction work		1																		1	wooden house construction work
030301	electricity/telecommunication																			1	1	electricity/telecommunication

	work																work
040101	railroad service													1		1	railroad service
050201	general harbor transportation service											1				1	general harbor transportation service
060101	agriculture													1		1	agriculture
080201	all kinds of retail		1													1	all kinds of retail
140101	hotel					1										1	hotel
140301	golf course							1								1	golf course
140302	park and amusement park						1									1	park and amusement park
170101	dispatch service								1							1	dispatch service
010101	meat/dairy products																meat/dairy products
010102	fishery products																fishery 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
010401	lumbering																lumbering
010402	plywood																plywood
010409	other lumber and wood																other lumber and wood
010409	products																products

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
010701	printing service													printing service
010702	bookbinding													bookbinding
010709	other printing and													other printing and
010703	bookbinding													bookbinding
010801	non organic or organic													non organic or organic
	chemical products													chemical products
010802	chemical fiber													chemical fiber
010803	pharmaceuticals													pharmaceuticals
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

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011009	other steel products														other steel products
011101	nonferrous metals/rolling														nonferrous metals/rolling
	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
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
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
	other transport equipment														other transport equipment

011509	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
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
030106	road construction work													road construction work
030108	sand collapse prevention civil engineering work													sand collapse prevention civil

030110	water supply/sewage construction work												water supply/sewage construction work
030111	port/seaside construction work												port/seaside construction work
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
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
050101	land cargo handling service												land cargo handling service
050202	port cargo handling service												port cargo handling service
050209	other harbor transportation service												other harbor transportation service
060201	lumbering												lumbering
060209	other forestry												other forestry
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
080202	auto mobile retail													auto mobile retail
080204	fuel retail													fuel retail
080205	newspaper retail													newspaper retail
080301	haircut													haircut
080302	beauty salon													beauty salon
080401	warehousing													warehousing
090101	banking/trust business													banking/trust business
090102	stock/commodity trade													stock/commodity trade
090102	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
030203	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 service																						other medical treatment service
130201	social welfare facility																						social welfare facility
130301	bathhouse																						bathhouse
130309	other health and hygiene service																						other health and hygiene service
140201	general restaurant																						general restaurant
140209	other restaurants																						other restaurants
140309	other amusement service																						other amusement 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
170202	information processing																						information processing
	service																						service
	total		15	10	14	13	8	21	11	12	13	5	11	7	4	5	10	7	8	5	11	190	total

 $Data\ source: \underline{https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm}\ (MHLW, Japan)$

https://www.jisha.or.jp/english/statistics/202212_03.html