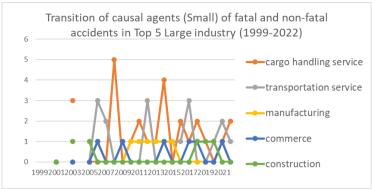
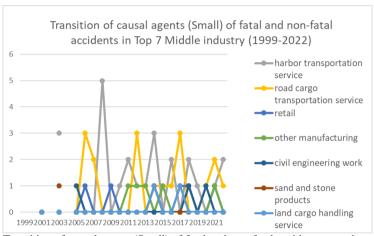
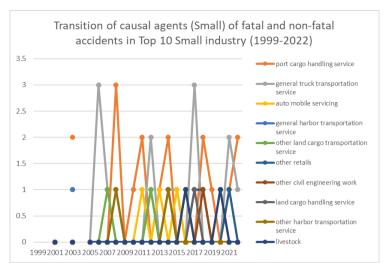
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Large industry (1999-2022)

11ans	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	1 2015	2016	2017	2018	2019	2020	2021	2022	total	Large industry
05	cargo handling service					3					5		1	2	1	1	4		2	1	2	1		1	2	26	cargo handling service
04	transportation service								3	2					3		1	1	1	3			1	2	1	18	transportation service
01	manufacturing					1			1				1	1	1	1	1	1						1		9	manufacturing
08	commerce								1			1					1			1	1			1		6	commerce
03	construction					1		1													1	1	1			5	construction
07	livestock/fishery																		1				1			2	livestock/fishery
15	commercial cleaning and livestock process																		1				1			2	commercial cleaning and livestock process
17	others																	2								2	others
14	hotel/restaurant/amusement service								1																	1	hotel/restaurant/amusement service
02	mining																										mining
06	agriculture																										agriculture
09	financial business/advertisement																										financial 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					5		1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4	5	3	71	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier 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	)19 2	2020	2021	2022	total	Middle industry

0502 harbor transportation service			3				5		1	2	1	1	3		2		2	1		1	2	24	harbor transportation service
oad cargo transportation service					3	2					3		1	1	1	3			1	2	1	18	road cargo transportation service
0802 retail					1			1					1			1	1			1		6	retail
0117 other manufacturing										1	1	1		1						1		5	other manufacturing
0301 civil engineering work				1													1		1			3	civil engineering work
0109 sand and stone products			1										1									2	sand and stone products
0501 land cargo handling service													1			1						2	land cargo handling service
0701 livestock															1				1			2	livestock
501 commercial cleaning and livestock process															1				1			2	commercial cleaning and livestock process
702 others														2								2	others
110 steel making									1													1	steel making
transport equipment products					1																	1	transport equipment products
302 construction work																		1				1	construction work
other construction works			1																			1	other construction works
403 other amusement service					1																	1	other amusement service
food products																							food products
textile products																							textile products
fiber products																							fiber products
04 wood products																							wood products
05 furniture																							furniture
pulp/paper processing products																							pulp/paper processing products
07 printing/bookbinding																							printing/bookbinding
chemical products																							chemical products
nonferrous metal making																							nonferrous metal making
metal products																							metal products
machine products																							machine products
electrical equipment products																							electrical equipment products
116 electric/gas/water service																							electric/gas/water service
201 coal mining																							coal mining
202 quarrying																							quarrying
other mining																							other mining
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
0601	agriculture																							agriculture
0602	forestry																							forestry
0702	fishery																							fishery
0801	wholesale																							wholesale
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 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
1601	public office																							public office
1701	dispatch service																							dispatch service
	total			5	1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4	5	3	71	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier 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
	port cargo handling service					2					3		1	2		1	2		1		2	1		1	2	18	port cargo handling service
040301	general truck transportation service								3	1					2		1	1		3				2	1	14	general truck transportation service
	auto mobile servicing													1		1		1						1		4	auto mobile servicing
050201	general harbor transportation service					1					1				1				1							4	general harbor transportation service
040309	other land cargo transportation service									1					1				1								other land cargo transportation service
080209	other retails																			1	1			1		3	other retails
030199	other civil engineering work																				1		1			2	other civil engineering work
	land cargo handling service																1			1						2	land cargo handling service
050209	other harbor transportation										1						1									2	other harbor transportation

service																	service
070101 livestock												1		1		2	livestock
080202 auto mobile retail							1			1						2	auto mobile retail
150102 industrial waste management service												1		1		2	industrial waste management service
170209 others											2					2	others
010905 other ceramic products										1						1	other ceramic products
other sand and stone products			1													1	other sand and stone products
011009 other steel products								1								1	other steel products
011509 other transport equipment products					1											1	other transport equipment products
011702 machine repair									1							1	machine repair
030110 water supply/sewage construction work				1												1	water supply/sewage construction work
030209 other building construction work													1			1	other building construction work
030309 other construction works			1													1	other construction works
040302 specific truck transportation service														1		1	specific truck transportation service
080204 fuel retail					1											1	fuel retail
140301 golf course					1											1	golf course
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
010109 other foods																	other foods
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
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

010601 pulp/paper	i	i	$\overline{}$						$\overline{}$		i				<u> </u>		pulp/paper
010602 paper processing products															<del></del>		paper processing products
other pulp/paper processing			$\vdash$								<del></del>		<del></del>	<del></del>	 <del></del>	==	other pulp/paper processing
010609 other pulp/paper processing products																	products
010701 printing service																	printing service
010702 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																	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
011001 steel/iron/rolling products																	steel/iron/rolling products
011002 casting products																	casting products
011101 nonferrous metals/rolling products																	nonferrous metals/rolling products
011102 nonferrous metals casting products																	nonferrous metals casting products
other nonferrous metal products																	other nonferrous metal products
011201 western tableware/cutting tool products																	western tableware/cutting 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
other precision machine products																	other precision machine products
011401 heavy electrical equipment																	heavy electrical equipment

011402 electrical appliance	إلىال		_		Щ.											_	_ _	_	_	electrical appliance
electronics equipment and telecommunications apparatus																				electronics equipment and telecommunications apparatus
011409 other electrical equipment			1																	other electrical equipment
011501 ship building			1								i		i		i				_	ship building
011502 auto mobile products																				auto mobile products
011503 railway vehicle products			1						<del></del>								_	7		railway vehicle products
011601 electric utility service			-						<del></del>								$\dashv$	$\dashv$	_	electric utility service
011602 city gas service			╬	卌	H				<del></del>		<del></del>	<del></del>		<b></b>	i		= -	╬	= -	city gas service
011603 city water service			-						<del></del>								_	_		city water service
011609 other electric/gas/water service																				other electric/gas/water service
011703 cleaning													T i							cleaning
011704 tobacco products					$\Box$	Ti-	Ti-		Ti	ij	Ti	Ti	T i	T						tobacco products
011709 other manufacturing									Ti		i	i	j							other manufacturing
020101 general coal mining									Ti				Ť			Ti-			1	general coal mining
020109 other coal mining						i			Ti						Ĭ					other coal mining
020201 quarrying	ī											i	Ī							quarrying
020202 gravel digging													Ī							gravel digging
020209 other quarrying									Ti				Ī							other quarrying
020301 metal mining												Ti	i							metal mining
020302 petroleum mining									Ti				Ĭ		Ĭ					petroleum mining
020309 other mining						T i	T i		Ti	i	Ti	Ti	Ti		Ĭ					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 wor
030108 sand collapse prevention civil engineering work																				sand collapse prevention civil engineering work
030109 land consolidation civil engineering work																				land consolidation civil engineering work
port/seaside construction work																				port/seaside construction work
steel frame/reinforced concrete house construction work																				steel frame/reinforced concrete house constructio work
030202 wooden house construction work																				wooden house construction work
030203 building facility construction	ı																			building facility construction

	work															work
030301	electricity/telecommunication work															electricity/telecommunication work
030302	machinery/apparatus setting work															machinery/apparatus setting work
040101	railroad service															railroad service
040102	water transportation service															water transportation service
040103	airline service															airline service
040201	taxi service															taxi service
	bus service															bus service
	other passenger transport service															other passenger transport service
	cargo/ light automobile transportation service															cargo/ light automobile transportation service
040409	other transportation service															other transportation service
060101	agriculture															agriculture
060201	lumbering															lumbering
060209	other forestry															other forestry
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
080203	furniture/fittings retail															furniture/fittings retail
080205	newspaper retail										Ti		Ī			newspaper retail
080301	haircut												i			haircut
080302	beauty salon							Ti	==i	Ti	Ti		ī			beauty salon
080401	warehousing										i		i			warehousing
	other commerce							Ť			i				_	other commerce
090101	banking/trust business															banking/trust business
090102	stock/commodity trade business															stock/commodity trade business
090103	insurance business								i							insurance business
	other financial business												1			other financial business
090201	traveling service	<u> </u>											1			traveling service
090209	other advertisement and mediator															other advertisement and mediator
100101	denvery service															movie production and delivery service
	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

	_	_	=	=		i===	<del></del>	<del></del>	i—	1	i—	<del></del>	-	-	-	====	1		i—		_	i——	_	-	-	i
120102 software service																										software service
other education/research service																										other education/research service
130101 hospital																										hospital
[130102] general clinic																										general clinic
other medical treatment service																										other medical treatment service
social welfare facility																										social welfare facility
130301 bathhouse																										bathhouse
other health and hygiene service																										other health and hygiene service
[140101] hotel																										hotel
[140201] general restaurant																										general restaurant
140209 other restaurants																										other restaurants
140302 park and amusement park																										park and amusement park
140309 other amusement service																										other amusement service
150101 building maintenance service																										building maintenance service
150103 other waste disposal service																										other waste disposal service
150104 cremation service																										cremation service
150105 livestock process service																										livestock process service
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		1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4	5	3	71	total

Data source: <a href="https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html">https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html</a> (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202311\_12.html