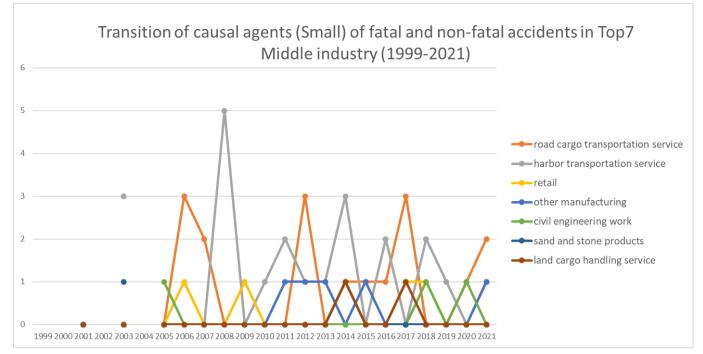
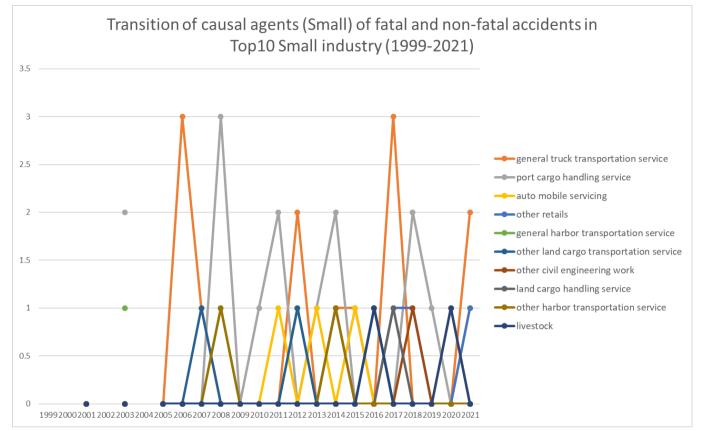


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier 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
04	transportation service								3	2					3		1	1	1	3			1	2	17	transportation service
05	cargo handling service					3					5		1	2	1	1	4		2	1	2	1		1	24	cargo handling 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																		1				1			commercial cleaning and
	livestock process																								Ľ	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																						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			5	1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4	5	68	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier 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
0403	road cargo transportation service								3	2					3		1	1	1	3			1	2	17	road cargo transportation service
0502	harbor transportation service					3					5		1	2	1	1	3		2		2	1		1	22	harbor 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
																										land cargo handling

0501	land cargo handling service									1			1			2	service
0701	livestock											1			1	2	livestock
1501	commercial cleaning and livestock process											1			1	2	commercial cleaning and livestock process
1702	others										2					2	others
0110	steel making							1								1	steel making
0115	transport equipment products					1										1	transport equipment products
0302	construction work													1		1	construction work
0303	other construction works			1												1	other construction works
1403	other amusement service					1										1	other amusement service
0101	food products																food products
0102	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
0111	nonferrous metal making																nonferrous metal making
0112	metal products																metal products
0113	machine products																machine products
																	electrical equipment

0114	electrical equipment products												products
0116	electric/gas/water service						 						electric/gas/water 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
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
	other neutri and hygiene service																						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	68	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 226 straddle carrier 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
040301	general truck transportation service								3	1					2		1	1		3				2	13	general truck transportation service
050202	port cargo handling service					2					3		1	2		1	2		1		2	1		1	16	port cargo handling service
011701	auto mobile servicing													1		1		1						1	4	auto mobile servicing
080209	other retails																			1	1			1	3	other retails
050201	general harbor transportation service					1					1				1				1						4	general harbor transportation service
040309	other land cargo transportation service									1					1				1						3	other land cargo transportation service
030199	other civil engineering work																				1		1		2	other civil engineering work
050101	land cargo handling service																1			1					2	land cargo handling service
050209	other harbor transportation service										1						1								2	other harbor transportation 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
010909	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
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
010601	pulp/paper											pulp/paper
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 chemical products											non organic or organic chemical products
010802	chemical fiber											chemical fiber

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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
011109	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
011305	other precision machine products											other precision machine products
011401	heavy electrical equipment											heavy electrical equipment
011402	electrical appliance											electrical appliance
	electronics equipment and telecommunications apparatus											electronics equipment and telecommunications 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
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
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

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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
)30105	bridge construction work										bridge construction work
030106	road construction work										road construction work
30107	river civil engineering work										river civil engineering work
)30108	sand collapse prevention civil engineering work										sand collapse prevention civi
)30109	land consolidation civil engineering work										land consolidation civil engineering work
)30111	port/seaside construction work										port/seaside construction work
)30201	steel frame/reinforced concrete house construction work										steel frame/reinforced concrete house construction work
)30202	wooden house construction work										wooden house construction work
30203	building facility construction work										building facility construction work
30301	electricity/telecommunication work										electricity/telecommunicatio 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
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
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												newspaper retail
080301	haircut												haircut
080302	beauty salon												beauty salon
080401	warehousing												warehousing
080409	other commerce												other commerce

													I
090101	banking/trust business												banking/trust business
090102													stock/commodity trade
	business												business
090103	insurance business												insurance business
090109	other financial business												other financial business
090201	traveling service												traveling service
090209	other advertisement and mediator												other advertisement and mediator
100101	movie production and delivery service												movie production and 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 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
130301	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
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
150109	other cleaning and livestock																						other cleaning and livestock
	process service																						process service
160101	public office																						public office
170101	dispatch service																						dispatch service
170201	security service																						security service
170202	information processing																						information processing
	service																						service
	total			5	1	6	2	5	1	2	3	5	2	7	4	5	5	4	2	4	5	68	total

Data source : <u>https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm</u> (MHLW, Japan)

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