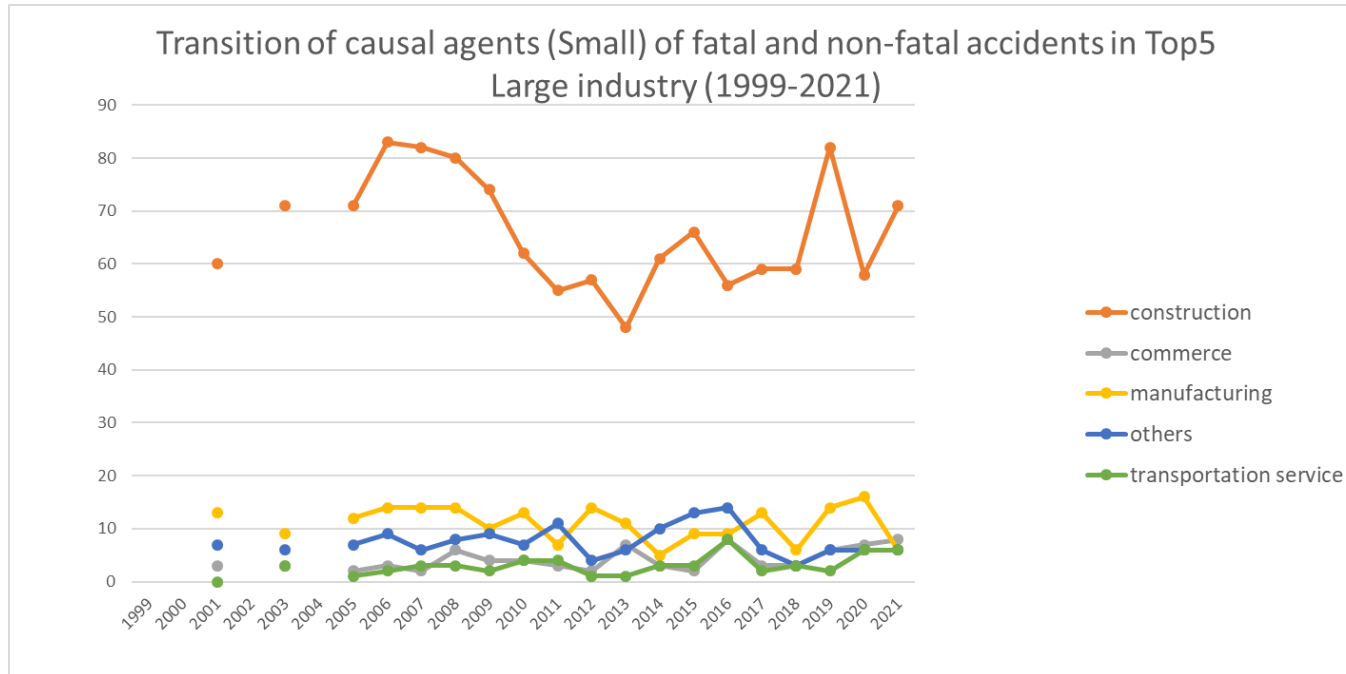
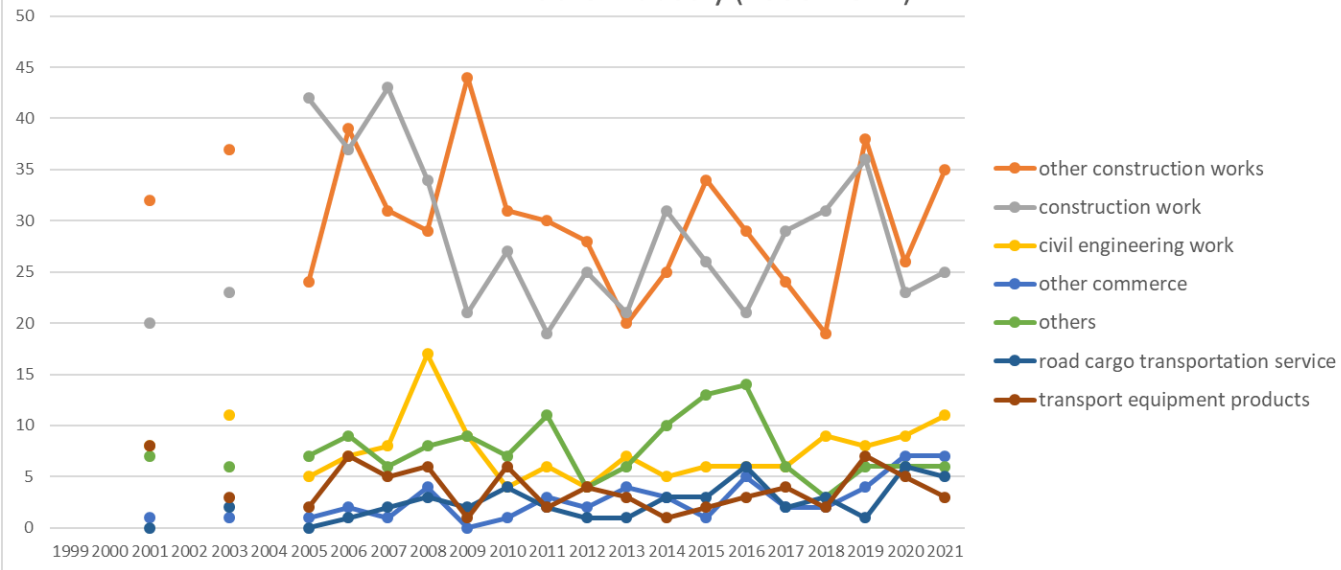


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work (1999-2021)



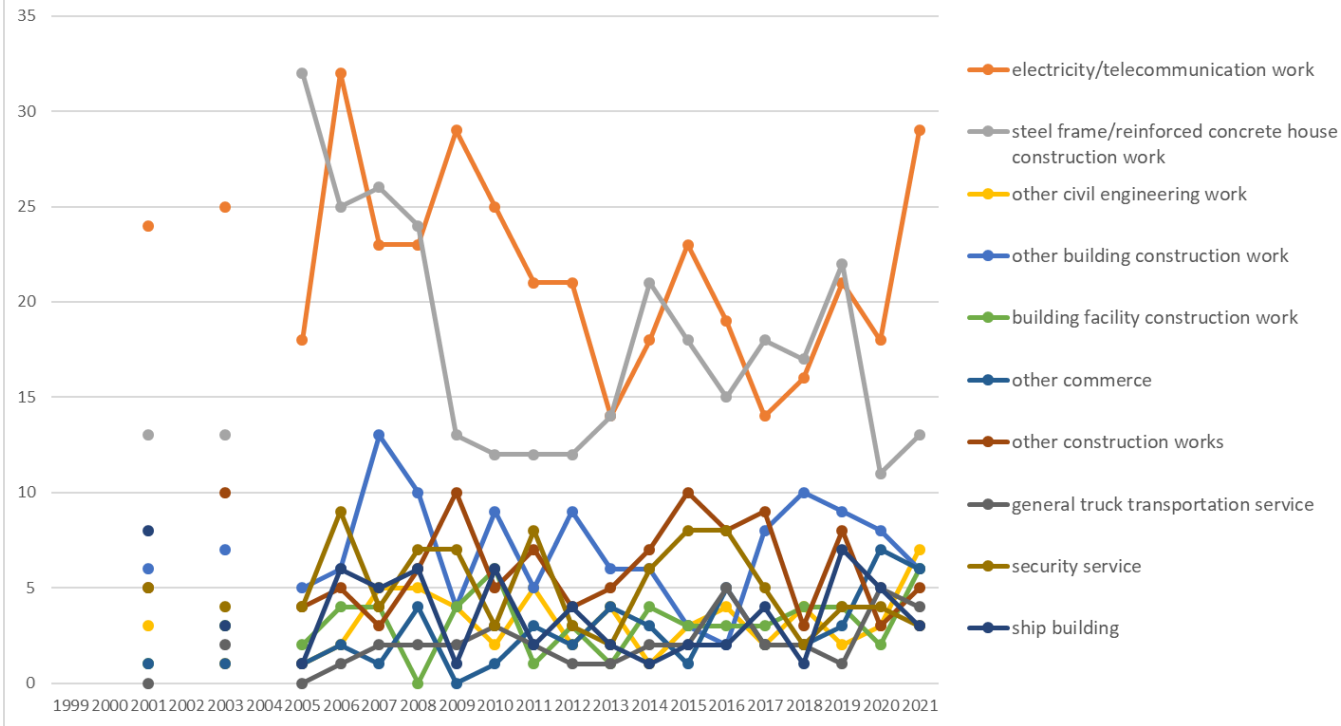
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work in Large industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top7 Middle industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work in Middle Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work 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
03	construction			60		71		71	83	82	80	74	62	55	57	48	61	66	56	59	59	82	58	71	1,255	construction
08	commerce			3		3		2	3	2	6	4	4	3	2	7	3	2	8	3	3	6	7	8	79	commerce
01	manufacturing			13		9		12	14	14	14	10	13	7	14	11	5	9	9	13	6	14	16	6	209	manufacturing
17	others			7		6		7	9	6	8	9	7	11	4	6	10	13	14	6	3	6	6	6	144	others
04	transportation service					3		1	2	3	3	2	4	4	1	1	3	3	8	2	3	2	6	6	57	transportation service
06	agriculture			2		1		3	1	2	3	1	1	3	9	4	4	4	8	6		7	4	4	67	agriculture
15	commercial cleaning and livestock process			1					1	1	1	3	1	2			2	3	1	2	3	1	1	1	24	commercial cleaning and livestock process

11	telecommunication service		2	1		1		2		3	1	1		1							12	telecommunication service		
05	cargo handling service		1	1			1	1				1				2	1				8	cargo handling service		
14	hotel/restaurant/amusement service		1						1	1		2	1	1	1						8	hotel/restaurant/amusement service		
12	education/research service					1	1						1								3	education/research service		
13	health and hygiene service		1							1										1	3	health and hygiene service		
07	livestock/fishery							1				1									2	livestock/fishery		
09	financial business/advertisement								1											1	2	financial business/advertisement		
10	movie/play service					1									1						2	movie/play service		
02	mining																					mining		
16	public office																					public office		
	total		91	95		98	114	112	119	105	92	90	88	81	89	102	105	95	78	119	100	102	1,875	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 146 vehicle for high lift work 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
0303	other construction works			32		37		24	39	31	29	44	31	30	28	20	25	34	29	24	19	38	26	35	575	other construction works
0302	construction work			20		23		42	37	43	34	21	27	19	25	21	31	26	21	29	31	36	23	25	534	construction work
0301	civil engineering work			8		11		5	7	8	17	9	4	6	4	7	5	6	6	6	9	8	9	11	146	civil engineering work
0804	other commerce			1		1		1	2	1	4		1	3	2	4	3	1	5	2	2	4	7	7	51	other commerce
1702	others			7		6		7	9	6	8	9	7	11	4	6	10	13	14	6	3	6	6	6	144	others
0403	road cargo transportation service					2			1	2	3	2	4	2	1	1	3	3	6	2	3	1	6	5	47	road cargo transportation service
0115	transport equipment products			8		3		2	7	5	6	1	6	2	4	3	1	2	3	4	2	7	5	3	74	transport equipment products

0601	agriculture			2				2		1	3	1	1	3	9	3	3	3	5	6		4	4	2	52	agriculture	
0117	other manufacturing			1		1		1	4	4	1	3	2	1	1	4	3	2	6	4	2	1	6	2	49	other manufacturing	
0602	forestry					1		1	1	1						1	1	1	3			3		2	15	forestry	
1501	commercial cleaning and livestock process			1					1	1	1	3	1	2			2	3	1	2	3	1	1	1	24	commercial cleaning and livestock process	
0112	metal products			2		2		2		1	4					1					3		3	4	1	23	metal products
0802	retail			2		1		1	1	1	2	3				2		1	3	1	1	1		1	21	retail	
0401	railroad/water transportation/airline service					1			1	1														1	7	railroad/water transportation/airline service	
0113	machine products			1		3		2	1	2	1		1	1	2	2	1	1				1			19	machine products	
0116	electric/gas/water service							2	1	1		1		1	3			3		2		1	1		16	electric/gas/water service	
1101	telecommunication service			2		1			1		2			3	1		1			1					12	telecommunication service	
0110	steel making							2	1	1	1	1					1								7	steel making	
0801	wholesale					1						1	3			1						1			7	wholesale	
0501	land cargo handling service									1	1					1				2	1				6	land cargo handling service	
0108	chemical products										1		2		1							1			5	chemical products	
0114	electrical equipment products											3			1	1									5	electrical equipment products	
1403	other amusement service			1										1		2					1				5	other amusement service	
0109	sand and stone products			1								1	1		1										4	sand and stone products	
1201	education/research service							1		1								1							3	education/research service	

170201	security service			5		4		4	9	4	7	7	3	8	3	2	6	8	8	5	2	4	4	3	96	security service
011501	ship building			8		3		1	6	5	6	1	6	2	4	2	1	2	2	4	1	7	5	3	69	ship building
170209	others			2		2		3		2	1	2	4	3	1	4	4	5	6	1	1	2	2	3	48	others
060101	agriculture			2				2		1	3	1	1	3	9	3	3	3	5	6		4	4	2	52	agriculture
030106	road construction work			2		2		2	1		4	1			1		2	1			1		2	2	21	road construction work
060209	other forestry					1										1	1	1	1			3		2	10	other forestry
030302	machinery/apparatus setting work			3		2		2	2	5		5	1	2	3	1		1	2	1		9	5	1	45	machinery/apparatus setting work
011701	auto mobile servicing			1					2	3		1	1	1	1	3			1	3	1	1	6	1	26	auto mobile servicing
030102	tunnel construction work			1		2		1	3	1	1	3				2			1	1	1	2	3	1	23	tunnel construction work
011209	other metal products			2		2		2		1	4								3		2	3	1		21	other metal products
150101	building maintenance service								1		1	3	1				1	2		2	2	1	1	1	16	building maintenance service
080209	other retails			1		1		1		1		2				2		1	2	1	1	1		1	15	other retails
011702	machine repair					1		1	1	1		2					1		4					1	12	machine repair
030104	railway construction work			1						1										2				1	5	railway construction work
040302	specific truck transportation service										1						1		1				1	1	5	specific truck transportation service
040101	railroad service													2					1					1	4	railroad service
080401	warehousing																					1		1	2	warehousing
030105	bridge construction work			1		6		1	1		6	1	1	1	1	1	1	2			2	2	1		28	bridge construction work
011301	machine products			1		3		2	1	2	1		1	1	2	2	1	1				1			19	machine products
011601	electric utility service							2	1	1		1		1	3			3		2		1	1		16	electric utility service
030202	wooden house construction work								3	2							1	1		2	1		1	2	13	wooden house construction work
110101	telecommunication service			2		1			1		2			3	1		1			1					12	telecommunication service
011709	other manufacturing								1		1		1			1	2	2	1	1	1				11	other manufacturing
080109	other wholesale					1						1	3			1						1			7	other wholesale

050101	land cargo handling service								1	1					1				2	1					6	land cargo handling service		
060201	lumbering							1	1	1									2						5	lumbering		
150109	other cleaning and livestock process service																		2				1	1			5	other cleaning and livestock process service
011009	other steel products																									4	other steel products	
011409	other electrical equipment																									4	other electrical equipment	
030109	land consolidation civil engineering work																									4	land consolidation civil engineering work	
011502	auto mobile products																									3	auto mobile products	
030107	river civil engineering work																									3	river civil engineering work	
040103	airline service																									3	airline service	
010209	other textile products																									2	other textile products	
010805	plastics products																									2	plastics products	
010901	cement products																									2	cement products	
010909	other sand and stone products																									2	other sand and stone products	
011001	steel/iron/rolling products																									2	steel/iron/rolling products	
011509	other transport equipment products																									2	other transport equipment products	
040309	other land cargo transportation service																									2	other land cargo transportation service	
040409	other transportation service																									2	other transportation service	
050202	port cargo handling service																									2	port cargo handling service	
070101	livestock																									2	livestock	
080201	all kinds of retail																									2	all kinds of retail	
080202	auto mobile retail																									2	auto mobile retail	
080203	furniture/fittings retail																									2	furniture/fittings retail	

090209	other advertisement and mediator									1								1			2	other advertisement and mediator	
100109	other movie/play service																					2	other movie/play service
120109	other education/research service																					2	other education/research service
140201	general restaurant																					2	general restaurant
140301	golf course																					2	golf course
140309	other amusement service																					2	other amusement service
150103	other waste disposal service																					2	other waste disposal service
010104	bread/cake products																					1	bread/cake products
010401	lumbering																					1	lumbering
010509	other furniture																					1	other furniture
010702	bookbinding																					1	bookbinding
010709	other printing and bookbinding																					1	other printing and bookbinding
010801	non organic or organic chemical products																					1	non organic or organic chemical products
010802	chemical fiber																					1	chemical fiber
010899	other chemical products																					1	other chemical products
011002	casting products																					1	casting products
011201	western tableware/cutting tool products																					1	western tableware/cutting tool products
011204	metal plating products																					1	metal plating products
011402	electrical appliance																					1	electrical appliance
030101	hydroelectric plant construction work																					1	hydroelectric plant construction work
	sand collapse prevention civil																						sand collapse prevention civil

030108	engineering work														1									1	engineering work
040202	bus service																							1	bus service
040303	cargo/ light automobile transportation service																							1	cargo/ light automobile transportation service
120102	software service								1															1	software service
130101	hospital			1																				1	hospital
130201	social welfare facility																						1	1	social welfare facility
130301	bathhouse																	1						1	bathhouse
140101	hotel													1										1	hotel
140302	park and amusement park																							1	park and amusement park
150102	industrial waste management service																							1	industrial waste management service
010101	meat/dairy products																								meat/dairy products
010102	fishery products																								fishery products
010103	agricultural food products																								agricultural food 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
010301	over/under wear																								over/under wear
010309	other fiber products																								other fiber products
010402	plywood																								plywood
010409	other lumber and wood																								other lumber and wood

	products																					products
010501	wood furniture																					wood furniture
010502	metal furniture																					metal furniture
010503	fittings																					fittings
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
010803	pharmaceuticals																					pharmaceuticals
010804	petroleum/coal products																					petroleum/coal products
010806	rubber products																					rubber products
010807	leather products																					leather products
010808	painting products																					painting products
010809	chemical fertilizer products																					chemical fertilizer 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
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
011202	screw products																					screw products
011203	metal press products																					metal press products

120101	auto mobile practical training																							auto mobile practical training		
130102	general clinic																							general clinic		
130109	other medical treatment service																							other medical treatment service		
130309	other health and hygiene service																							other health and hygiene service		
140209	other restaurants																							other restaurants		
150104	cremation service																							cremation service		
150105	livestock process service																							livestock process service		
160101	public office																							public office		
170101	dispatch service																							dispatch service		
170202	information processing service																							information processing service		
	total			91		95		98	114	112	119	105	92	90	88	81	89	102	105	95	78	119	100	102	1,875	total

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

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