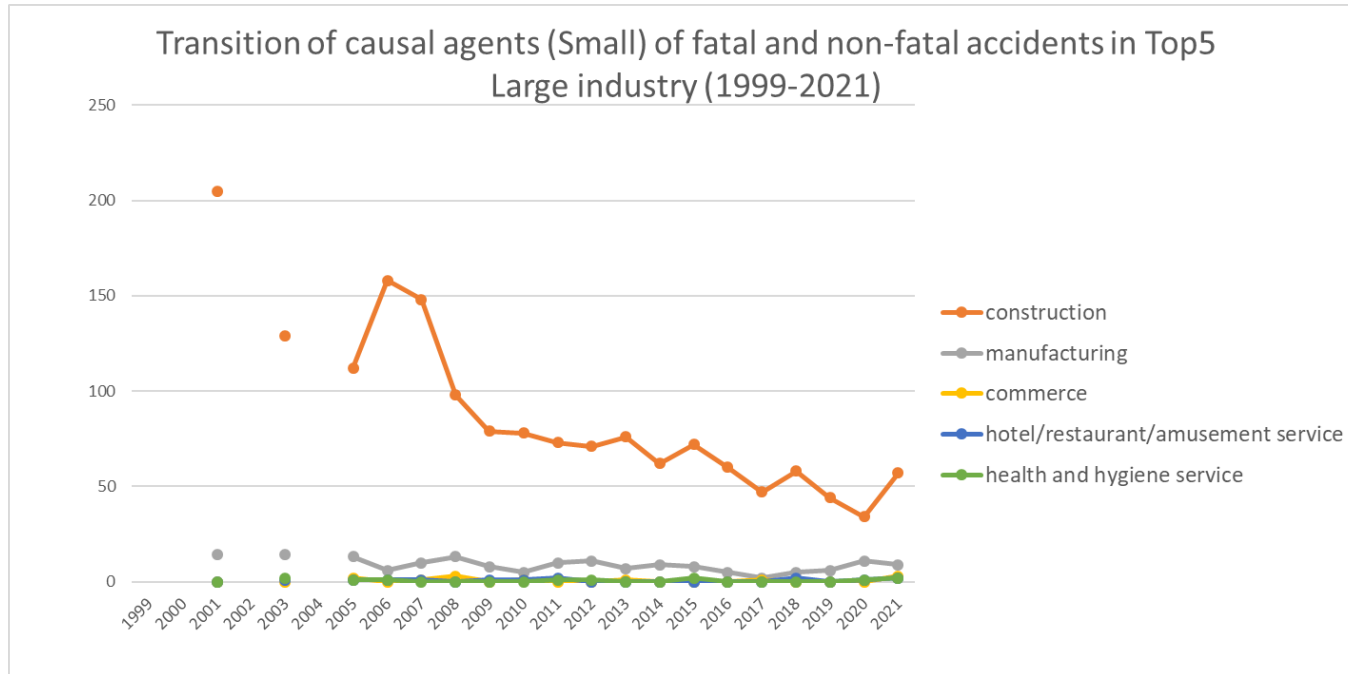
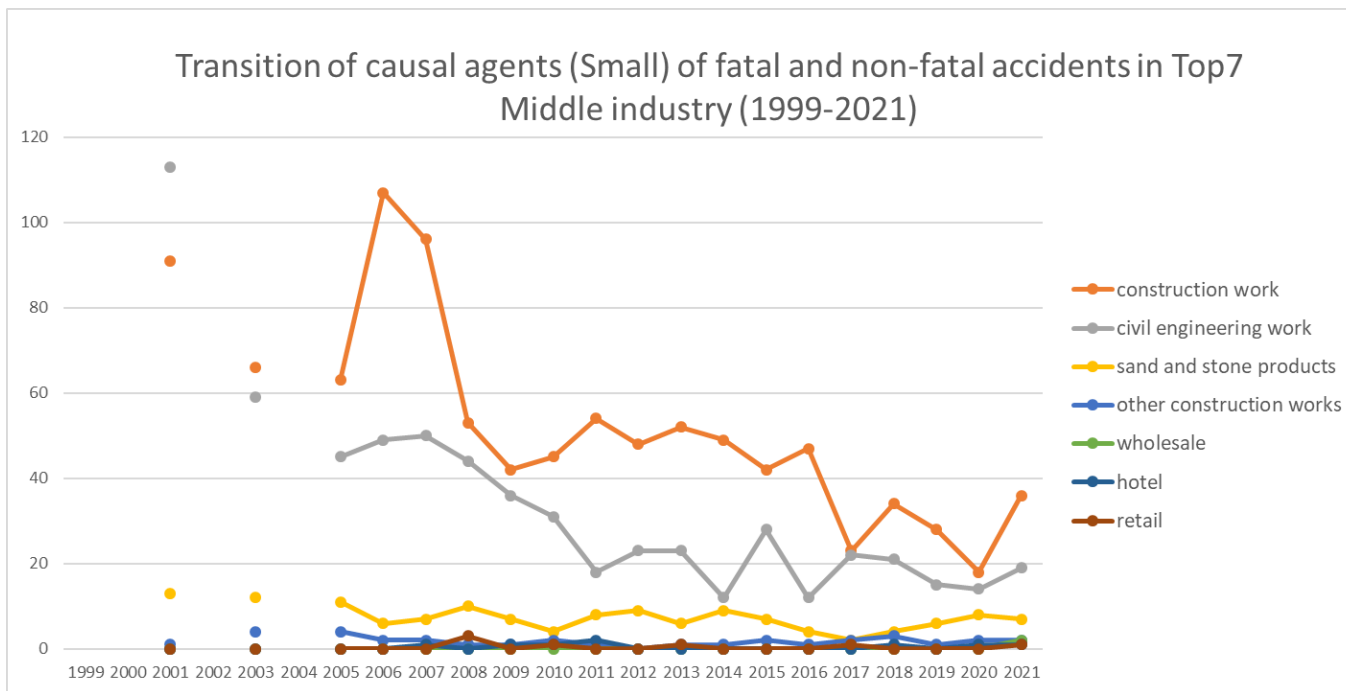


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering (1999-2021)

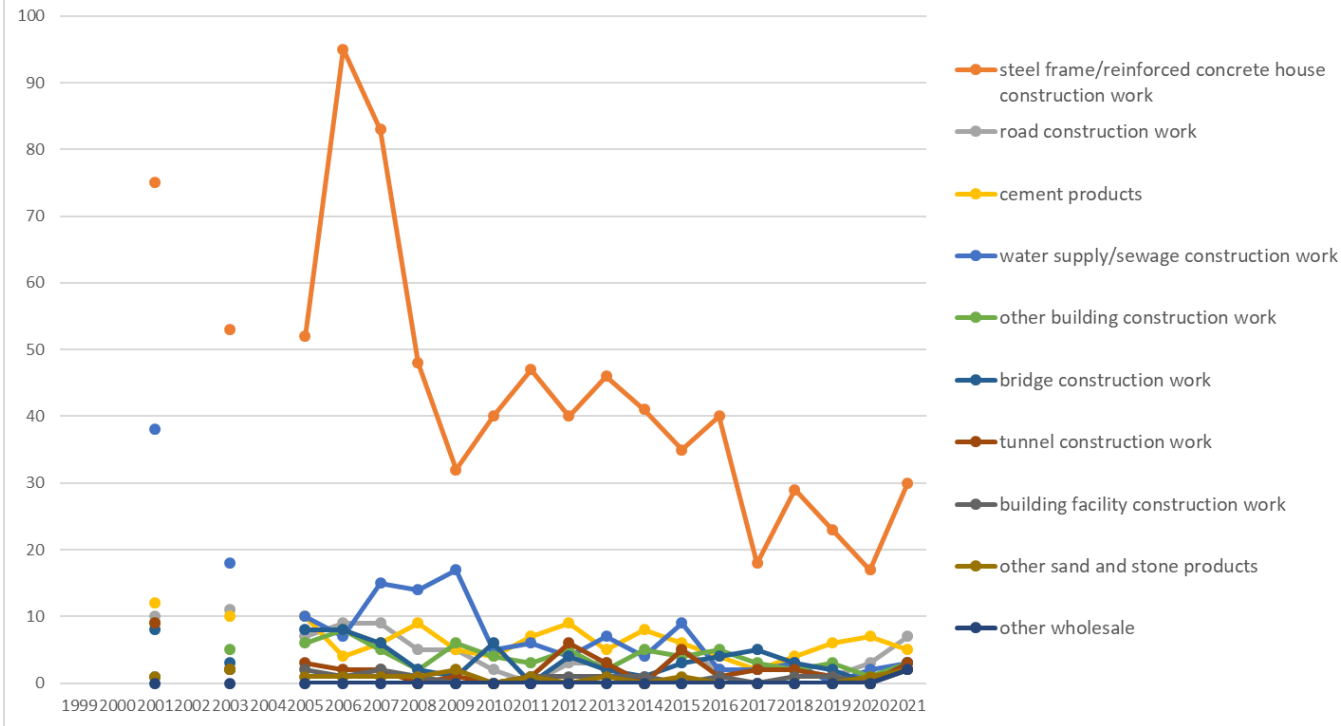


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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. 412 timbering in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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			205		129		112	158	148	98	79	78	73	71	76	62	72	60	47	58	44	34	57	1,661	construction
01	manufacturing			14		14		13	6	10	13	8	5	10	11	7	9	8	5	2	5	6	11	9	166	manufacturing
08	commerce							2		1	3		1			1				1				3	12	commerce
14	hotel/restaurant/amusement service					1		1	1	1		1	1	2							2		1	2	13	hotel/restaurant/amusement service
13	health and hygiene service					2		1	1					1	1		2						1	2	11	health and hygiene service
07	livestock/fishery							1									1							1	3	livestock/fishery
02	mining																				1			1	2	mining

04	transportation service				2		1	1	1			1						2					9	transportation service	
17	others		2				1	2							1				1		2		9	others	
15	commercial cleaning and livestock process		2						2	1													5	commercial cleaning and livestock process	
06	agriculture		1									1											2	agriculture	
11	telecommunication service								1					1									2	telecommunication service	
05	cargo handling service									1													1	cargo handling service	
09	financial business/advertisement																							financial business/advertisement	
10	movie/play service																							movie/play service	
12	education/research service																							education/research service	
16	public office																							public office	
	total		224		148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	1,896	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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
0302	construction work			91		66		63	107	96	53	42	45	54	48	52	49	42	47	23	34	28	18	36	994	construction work
0301	civil engineering work			113		59		45	49	50	44	36	31	18	23	23	12	28	12	22	21	15	14	19	634	civil engineering work
0109	sand and stone products			13		12		11	6	7	10	7	4	8	9	6	9	7	4	2	4	6	8	7	140	sand and stone products
0303	other construction works			1		4		4	2	2	1	1	2	1		1	1	2	1	2	3	1	2	2	33	other construction works
0801	wholesale																							2	2	wholesale
1401	hotel									1		1	1	2							1		1	1	8	hotel
0802	retail										3		1			1				1				1	7	retail
1302	social welfare facility					1			1					1	1			1						1	6	social welfare facility

0117	other manufacturing									2										1		1	1	5	other manufacturing	
1301	medical treatment service					1		1														1	1	4	medical treatment service	
1402	restaurant							1													1		1	3	restaurant	
0111	nonferrous metal making																						1	1	nonferrous metal making	
0202	quarrying																						1	1	quarrying	
0701	livestock																						1	1	livestock	
0403	road cargo transportation service					2		1	1	1			1					2						9	road cargo transportation service	
1702	others			2				1	2						1				1			2		9	others	
0101	food products											1		1	1							1		5	food products	
0112	metal products			1						1	1		1										1		5	metal products
1501	commercial cleaning and livestock process					2						2	1											5	commercial cleaning and livestock process	
0115	transport equipment products					1		1															1		3	transport equipment products
0804	other commerce							2		1														3	other commerce	
0103	fiber products							1							1									2	fiber products	
0104	wood products									1						1								2	wood products	
0602	forestry			1											1									2	forestry	
0702	fishery							1														1		2	fishery	
1101	telecommunication service									1														2	telecommunication service	
1403	other amusement service					1				1														2	other amusement service	
0108	chemical products														1									1	chemical products	

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
1601	public office																								public office
1701	dispatch service																								dispatch service
	total			224	148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	1,896	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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
030201	steel frame/reinforced concrete house construction work			75		53		52	95	83	48	32	40	47	40	46	41	35	40	18	29	23	17	30	844	steel frame/reinforced concrete house construction work
030106	road construction work			10		11		7	9	9	5	5	2		3	3		5	2	2	2	1	3	7	86	road construction work
010901	cement products			12		10		10	4	6	9	5	4	7	9	5	8	6	4	2	4	6	7	5	123	cement products
030110	water supply/sewage construction work			38		18		10	7	15	14	17	5	6	4	7	4	9	2	2	3		2	3	166	water supply/sewage construction work
030209	other building construction work			9		5		6	8	5	2	6	4	3	5	2	5	4	5	3	2	3	1	3	81	other building construction work
030105	bridge construction work			8		3		8	8	6	2	1	6		4	2	1	3	4	5	3	2		3	69	bridge construction work
030102	tunnel construction work			9		2		3	2	2		1		1	6	3		5	1	2	2	1		3	43	tunnel construction work
030203	building facility construction work			1		2		2	1	2	1			1	1	1	1		1		1	1		2	18	building facility construction work
010909	other sand and stone			1		2		1	1	1	1	2		1		1		1					1	2	15	other sand and stone

	products																								products	
080109	other wholesale																						2	2	other wholesale	
030202	wooden house construction work			6		6		3	3	6	2	4	1	3	2	3	2	3	1	2	2	1		1	51	wooden house construction work
030109	land consolidation civil engineering work			9		6		2	3	3	2	2	2	2	1	1	1			1	2	3	2	1	43	land consolidation civil engineering work
030107	river civil engineering work			6		3		3	5	1	2	2	2	2		1	2	2	1	1	1		1	1	36	river civil engineering work
030111	port/seaside construction work			3		2			2	1	4		6	1			2	1		2		2	1	1	28	port/seaside construction work
030309	other construction works			1		4		3	2	2	1	1	2	1		1	1	2	1	1	1	1	2	1	28	other construction works
140101	hotel									1		1	1	2						1		1	1	1	8	hotel
130201	social welfare facility					1			1					1	1			1						1	6	social welfare facility
011709	other manufacturing										2										1		1	1	5	other manufacturing
030302	machinery/apparatus setting work																			1	1			1	3	machinery/apparatus setting work
080209	other retails												1			1								1	3	other retails
130101	hospital					1																	1	1	3	hospital
140201	general restaurant																		1					1	2	general restaurant
011102	nonferrous metals casting products																							1	1	nonferrous metals casting products
020209	other quarrying																							1	1	other quarrying
070101	livestock																							1	1	livestock
030199	other civil engineering work			22		9		9	9	9	10	5	5	5	5	5	2	2	2	7	8	5	5		124	other civil engineering work
030108	sand collapse prevention civil engineering work			6		3		2	2	2	3	1	1	1								1			22	sand collapse prevention civil engineering work
030103	subway construction work			2		1			1		1	2	1					1							9	subway construction work
040301	general truck transportation					2		1	1	1					1										9	general truck transportation

	service																					service
170209	others			1			1							1			1		2		6	others
011209	other metal products			1				1	1		1					1					5	other metal products
030104	railway construction work					1		1		1				1							5	railway construction work
010109	other foods									1			1			1				1	4	other foods
011501	ship building					1		1											1		3	ship building
030101	hydroelectric plant construction work							1		2											3	hydroelectric plant construction work
080409	other commerce							2		1											3	other commerce
150101	building maintenance service									1											3	building maintenance service
170201	security service									2											3	security service
010905	other ceramic products									1						1					2	other ceramic products
030301	electricity/telecommunication work									1										1	2	electricity/telecommunication work
060201	lumbering													1							2	lumbering
080201	all kinds of retail																				2	all kinds of retail
080205	newspaper retail																			1	2	newspaper retail
110101	telecommunication service									1						1					2	telecommunication service
010104	bread/cake products													1							1	bread/cake products
010301	over/under wear																				1	over/under wear
010309	other fiber products															1					1	other fiber products
010402	plywood																				1	plywood
010409	other lumber and wood products																				1	other lumber and wood products
010805	plastics products													1							1	plastics products
011002	casting products																				1	casting products
011602	city gas service																				1	city gas service

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
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
010899	other chemical products																				other chemical 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
011009	other steel products																				other steel products
	nonferrous metals/rolling																				nonferrous metals/rolling

011609	service																							service
011701	auto mobile servicing																							auto mobile servicing
011702	machine repair																							machine repair
011703	cleaning																							cleaning
011704	tobacco products																							tobacco products
020109	other coal mining																							other coal mining
020201	quarrying																							quarrying
020202	gravel digging																							gravel digging
020301	metal mining																							metal mining
020302	petroleum mining																							petroleum mining
020309	other mining																							other mining
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
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

120109	other education/research service																									other education/research service
130102	general clinic																									general clinic
130309	other health and hygiene service																									other health and hygiene service
140302	park and amusement park																									park and amusement park
150102	industrial waste management service																									industrial waste management service
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			224		148		132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	1,896	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