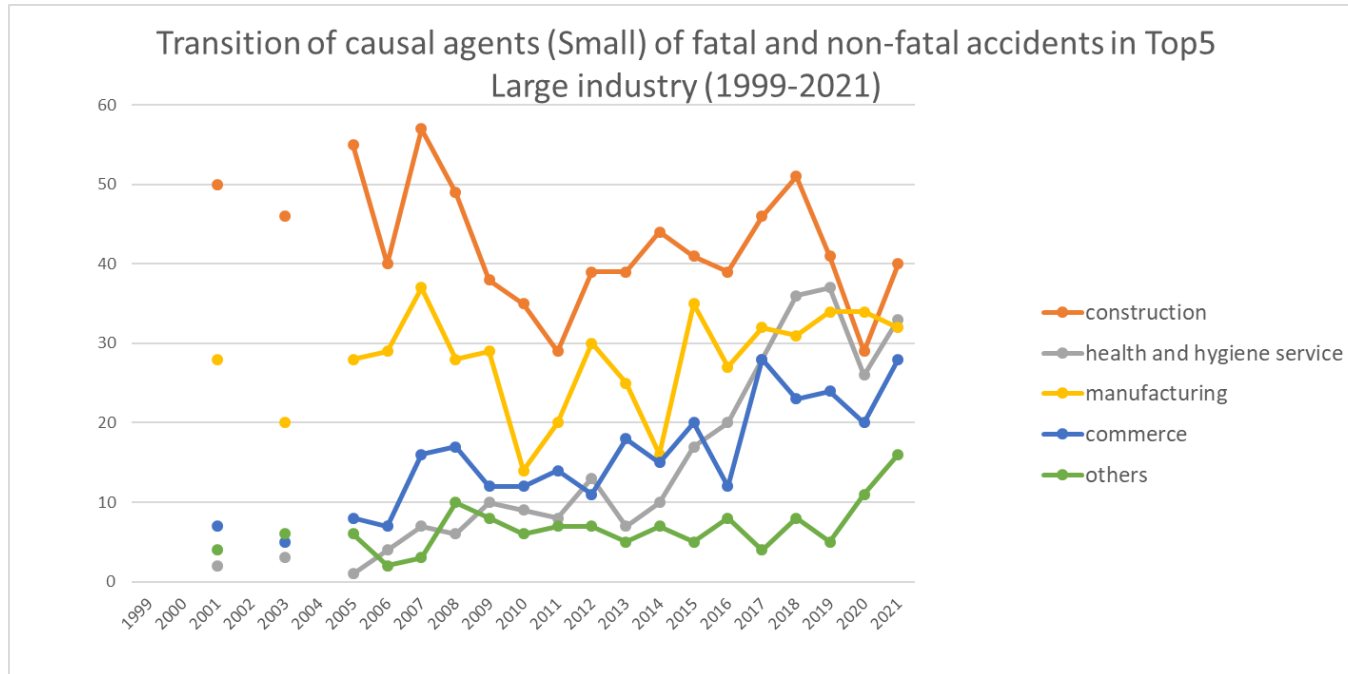
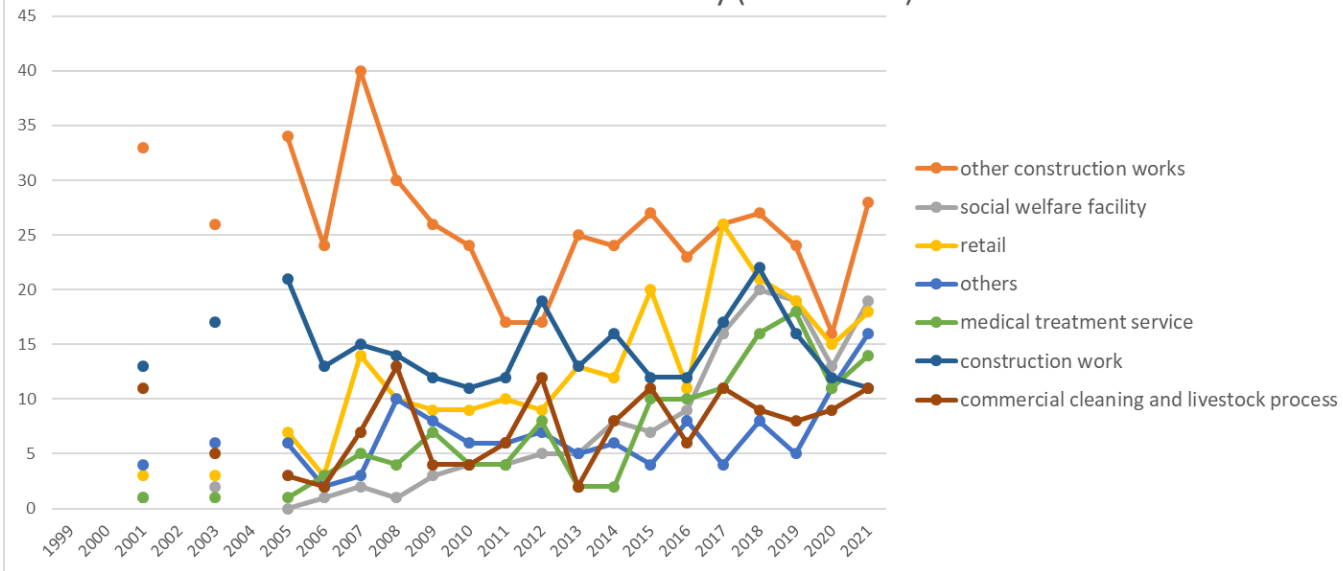


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 351 transmission (1999-2021)



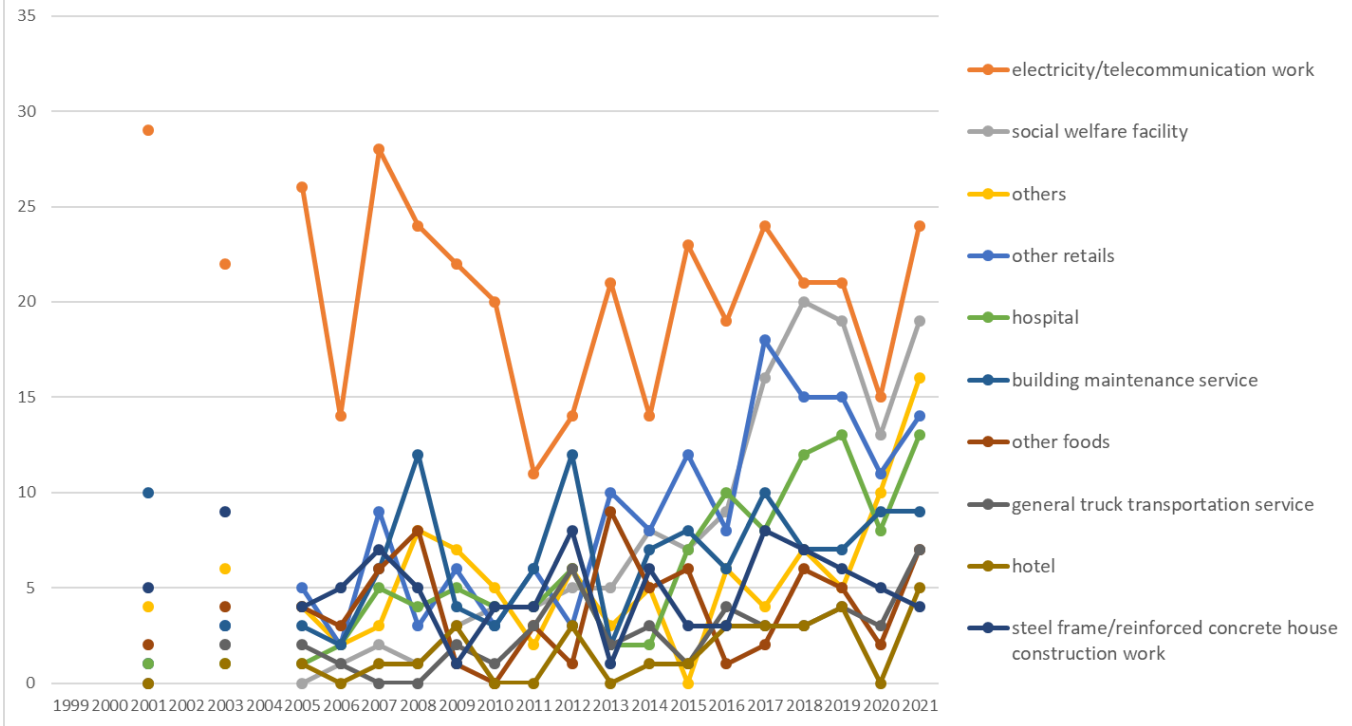
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 351 transmission in Large industry (1999-2021)

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. 351 transmission 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. 351 transmission in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 351 transmission 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			50		46		55	40	57	49	38	35	29	39	39	44	41	39	46	51	41	29	40	808	construction
13	health and hygiene service			2		3		1	4	7	6	10	9	8	13	7	10	17	20	28	36	37	26	33	277	health and hygiene service
01	manufacturing			28		20		28	29	37	28	29	14	20	30	25	16	35	27	32	31	34	34	32	529	manufacturing
08	commerce			7		5		8	7	16	17	12	12	14	11	18	15	20	12	28	23	24	20	28	297	commerce
17	others			4		6		6	2	3	10	8	6	7	7	5	7	5	8	4	8	5	11	16	128	others
15	commercial cleaning and livestock process			11		5		3	2	7	13	4	4	6	12	2	8	11	6	11	9	8	9	11	142	commercial cleaning and livestock process
	hotel/restaurant/amusement																									hotel/restaurant/amusement

14	service			2	1	5	6	2	3	5		4	9	5	8	4	5	4	8	11	2	10	94	service
04	transportation service			1	4	4	4	6	3	2	4	7	9	4	4	1	5	4	8	5	3	7	85	transportation service
09	financial business/advertisement			8	2	3	4	1	7	2	1	4	4	3	3	2	3	4	5	2	2	7	67	financial business/advertisement
11	telecommunication service				1	2			3	1	2			3	1	2	6		2	1	1	3	28	telecommunication service
12	education/research service			2			2			1					4		2		2	3		2	18	education/research service
05	cargo handling service			1						1		1	2		2			1	1		1	1	11	cargo handling service
02	mining												1									1	2	mining
06	agriculture			1	1	1	1		1	1	1	1	3			1	5	1	1				19	agriculture
07	livestock/fishery				1				2	1						1	1			2			8	livestock/fishery
10	movie/play service				1										1								2	movie/play service
16	public office															1							1	public office
	total			117	96	116	101	136	142	115	88	101	140	112	123	140	139	163	185	173	138	191	2,516	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 351 transmission 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			33		26		34	24	40	30	26	24	17	17	25	24	27	23	26	27	24	16	28	491	other construction works
1302	social welfare facility			1		2			1	2	1	3	4	4	5	5	8	7	9	16	20	19	13	19	139	social welfare facility
0802	retail			3		3		7	3	14	10	9	9	10	9	13	12	20	11	26	21	19	15	18	232	retail
1702	others			4		6		6	2	3	10	8	6	6	7	5	6	4	8	4	8	5	11	16	125	others
1301	medical treatment service			1		1		1	3	5	4	7	4	4	8	2	2	10	10	11	16	18	11	14	132	medical treatment service
0302	construction work			13		17		21	13	15	14	12	11	12	19	13	16	12	12	17	22	16	12	11	278	construction work
1501	commercial cleaning and livestock process			11		5		3	2	7	13	4	4	6	12	2	8	11	6	11	9	8	9	11	142	commercial cleaning and livestock process

0116	electric/gas/water service			3		1		2	2	1					3	2	1		1	1	3	1	5	1	27	service
0104	wood products						3		1	2	1	2			4				1	2				1	17	wood products
0501	land cargo handling service			1							1				2		2				1		1	1	9	land cargo handling service
0107	printing/bookbinding						1	1			2							1		1		1		1	8	printing/bookbinding
0902	advertisement and mediator			2						2		1			1						1			1	8	advertisement and mediator
0105	furniture							1										1						1	3	furniture
0202	quarrying													1										1	2	quarrying
0401	railroad/water transportation/airline service			1		1		2	2	5	2		2		1	1	1			1	1	1			21	railroad/water transportation/airline service
0109	sand and stone products			2				3	3				1			1			1	1	1		1		14	sand and stone products
0601	agriculture			1							1	1	1	3				1	3	1	1				13	agriculture
0402	road passenger transport service													3	1	1						4	1		10	road passenger transport service
0110	steel making					1		2	2	1				1		1									8	steel making
0111	nonferrous metal making					1						2	1								1	2	1		8	nonferrous metal making
0103	fiber products			1					1			2							2						6	fiber products
0602	forestry					1		1	1		1								2						6	forestry
0701	livestock					1					1	1							1			2			6	livestock
1303	other health and hygiene service										1		1						1	1			2		6	other health and hygiene service
0102	textile products			1		1		2																	4	textile products
1701	dispatch service												1			1	1								3	dispatch service

0404	other transportation service								1					1																		2	other transportation service
0502	harbor transportation service													1							1										2	harbor transportation service	
0702	fishery										1																			2	fishery		
1001	movie/play service					1										1														2	movie/play service		
1601	public office																				1									1	public office		
0201	coal mining																														coal mining		
0203	other mining																														other mining		
	total			117		96			116	101	136	142	115	88	101	140	112	123	140	139	163	185	173	138	191	2,516	total						

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 351 transmission 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
030301	electricity/telecommunication work			29		22		26	14	28	24	22	20	11	14	21	14	23	19	24	21	21	15	24	392	electricity/telecommunication work
130201	social welfare facility			1		2			1	2	1	3	4	4	5	5	8	7	9	16	20	19	13	19	139	social welfare facility
170209	others			4		6		4	2	3	8	7	5	2	6	3	5		6	4	7	5	10	16	103	others
080209	other retails			1		3		5	2	9	3	6	3	6	3	10	8	12	8	18	15	15	11	14	152	other retails
130101	hospital			1		1		1	2	5	4	5	4	4	6	2	2	7	10	8	12	13	8	13	108	hospital
150101	building maintenance service			10		3		3	2	6	12	4	3	6	12	2	7	8	6	10	7	7	9	9	126	building maintenance service
010109	other foods			2		4		4	3	6	8	1		3	1	9	5	6	1	2	6	5	2	7	75	other foods
040301	general truck transportation service					2		2	1			2	1	3	6	2	3	1	4	3	3	4	3	7	47	general truck transportation service
140101	hotel					1		1		1	1	3			3		1	1	3	3	3	4		5	30	hotel
030201	steel frame/reinforced concrete house construction			5		9		4	5	7	5	1	4	4	8	1	6	3	3	8	7	6	5	4	95	steel frame/reinforced concrete house construction

	work																								work	
090103	insurance business			3		2		2	3		2	2		2	3	1	2	2	3	3	4	2	1	4	41	insurance business
080109	other wholesale			3		1		1	2	2	4	1	2	2	1	3	2		1		1	2	3	4	35	other wholesale
080201	all kinds of retail			2				2	1	3	5	2	6	4	5	3	4	6	3	4	3	4	3	3	63	all kinds of retail
030202	wooden house construction work			4		2		6		2	2	3	1	2	1	1	1	5	4	4	2	3	4	3	50	wooden house construction work
030203	building facility construction work			1		2		1	2	3	3	4	2	3	2	6	4			4	6	1	1	3	48	building facility construction work
110101	telecommunication service					1		2			3	1	2			3	1	2	6		2	1	1	3	28	telecommunication service
030309	other construction works			3		3		6	7	9	6	3	4	5	3	3	7	4	4	2	4	1	1	2	77	other construction works
011209	other metal products			4		1		2	3	5	4	2	1	3	3	1	1	9	4	2	6	4	2	2	59	other metal products
140201	general restaurant			1				2	4		2	1		3	4	3		2	2	1	4	4	1	2	36	general restaurant
011301	machine products			2		1			1	6	2	1	3		4			5	1	3	1	2		2	34	machine products
030302	machinery/apparatus setting work			1		1		2	3	3		1		1		1	3				2	2		2	22	machinery/apparatus setting work
010101	meat/dairy products			1					1	1	1				1			2	1	1	2	2		2	15	meat/dairy products
120109	other education/research service			2					2			1				4		2		2			2	15	other education/research service	
080409	other commerce					1			2		1	1		1	1				2		1	2	2	14	other commerce	
011401	heavy electrical equipment					1						2			1				1		1		2	8	heavy electrical equipment	
080401	warehousing													1		1	1				1	2		2	8	warehousing
010609	other pulp/paper processing products			1				1														1		2	5	other pulp/paper processing products
140301	golf course															1						1	1	2	5	golf course
010803	pharmaceuticals														1									2	3	pharmaceuticals
030209	other building construction work			3		4		10	6	3	4	4	4	3	8	5	5	4	5	1	7	6	2	1	85	other building construction work

011601	electric utility service			2		1		2	1	1					3	2			1	1	3	1	4	1	23	electric utility service
010805	plastics products			1		1		1	1			1		2		1		1	1	1		4	1	16	plastics products	
011502	auto mobile products								1	3			2	1	2	1		2	1			1	1	15	auto mobile products	
011703	cleaning											1	1	2	1			1	2	3	3	1	15	cleaning		
090101	banking/trust business			2				1	1		2		2		2	1			1			1	1	14	banking/trust business	
130102	general clinic										1			1			2		3	1	3	2	1	14	general clinic	
011709	other manufacturing			1						3		1		1				3	1		1		1	12	other manufacturing	
050101	land cargo handling service			1							1			2		2				1		1	1	9	land cargo handling service	
140209	other restaurants											1	1	1	3					1		1	8	other restaurants		
010409	other lumber and wood products							1			1		1		2					1			1	7	other lumber and wood products	
080202	auto mobile retail								2					1					1	2			1	7	auto mobile retail	
150102	industrial waste management service									1						1	1			2	1		1	7	industrial waste management service	
150103	other waste disposal service					2				1		1					1		1				1	7	other waste disposal service	
010103	agricultural food products									1								1	1	2			1	6	agricultural food products	
030106	road construction work								1							1			1	1			1	5	road construction work	
080302	beauty salon			1							1	1	1										1	5	beauty salon	
010801	non organic or organic chemical products																		1		1	1	1	4	non organic or organic chemical products	
011305	other precision machine products													1			1	1					1	4	other precision machine products	
090201	traveling service									1				1						1			1	4	traveling service	
010701	printing service								1			1											1	3	printing service	
090109	other financial business			1							1												1	3	other financial business	
010501	wood furniture								1														1	2	wood furniture	
011503	railway vehicle products								1														1	2	railway vehicle products	

011509	other transport equipment products									1												1	2	other transport equipment products	
020202	gravel digging																					1	1	gravel digging	
080301	haircut																					1	1	haircut	
010104	bread/cake products			1			1	1	1			2			1	1		3	3		4	6		24	bread/cake products
011409	other electrical equipment			1		1		1	1	2	1	2	1	3	2			1		3	2	1		22	other electrical equipment
170201	security service						2			2	1	1	4	1	2	1	4	2		1		1		22	security service
011501	ship building			1		1		2		2	4	2		2	2			1	1	1		2		21	ship building
040101	railroad service			1		1		2	2	5	2		2			1	1		1	1	1			20	railroad service
010102	fishery products			2				2		2	1	1	2	1			1	1			2	2		17	fishery products
030199	other civil engineering work			2		1			1		1			1		2	2	3	1	1	1	1		17	other civil engineering work
140309	other amusement service			1			2	2	1		1			1		3	1			1	1			14	other amusement service
060101	agriculture			1							1	1	1	3			1	3	1	1				13	agriculture
011702	machine repair					1		1	1	1		1			1	1	1	1		2				11	machine repair
080205	newspaper retail									2	1						2		3	1		1		10	newspaper retail
130109	other medical treatment service							1			1			1			1			3	2	1		10	other medical treatment service
010401	lumbering						2		1		1	1		2				1	1					9	lumbering
010899	other chemical products			1					1		3				3			1						9	other chemical products
010901	cement products			2				3				1			1			1				1		9	cement products
010602	paper processing products			1		2		1							1	1		1						7	paper processing products
011203	metal press products					1		1						2				1		1		1		7	metal press products
011403	electronics equipment and telecommunications apparatus										1	1						1			1	2		6	electronics equipment and telecommunications apparatus
011701	auto mobile servicing					1					2		1					1		1				6	auto mobile servicing
030104	railway construction work					1			1		1			1		1			1					6	railway construction work

040201	taxi service												1		1					3	1					6	taxi service
070101	livestock				1					1	1								1			2				6	livestock
010806	rubber products			1		1										1					2					5	rubber products
060201	lumbering					1		1	1		1															5	lumbering
010309	other fiber products																									4	other fiber products
010702	bookbinding																									4	bookbinding
011002	casting products																									4	casting products
011102	nonferrous metals casting products																									4	nonferrous metals casting products
011109	other nonferrous metal products																									4	other nonferrous metal products
011204	metal plating products																									4	metal plating products
030105	bridge construction work																									4	bridge construction work
040202	bus service																									4	bus service
040302	specific truck transportation service																									4	specific truck transportation service
090209	other advertisement and mediator																									4	other advertisement and mediator
010106	soft drinks																									3	soft drinks
011001	steel/iron/rolling products																									3	steel/iron/rolling products
011202	screw products																									3	screw products
011402	electrical appliance																									3	electrical appliance
030110	water supply/sewage construction work																									3	water supply/sewage construction work
130301	bathhouse																									3	bathhouse
130309	other health and hygiene service																									3	other health and hygiene service

170101	dispatch service											1			1	1						3	dispatch service	
010105	alcoholic drinks														1								2	alcoholic drinks
010204	dyeing			1																			2	dyeing
010209	other textile products					1																	2	other textile products
010301	over/under wear			1																			2	over/under wear
010804	petroleum/coal products														1								2	petroleum/coal products
010902	glass products																					1	2	glass products
010909	other sand and stone products																						2	other sand and stone products
011302	measuring instruments																					1	2	measuring instruments
011602	city gas service			1																			2	city gas service
011603	city water service																					1	2	city water service
040409	other transportation service																						2	other transportation service
050202	port cargo handling service																						2	port cargo handling service
120101	auto mobile practical training																						2	auto mobile practical training
150109	other cleaning and livestock process service			1																			2	other cleaning and livestock process service
010402	plywood																						1	plywood
010509	other furniture																						1	other furniture
010601	pulp/paper																						1	pulp/paper
010709	other printing and bookbinding																						1	other printing and bookbinding
010808	painting products																						1	painting products
010809	chemical fertilizer products																						1	chemical fertilizer products
010903	pottery products																						1	pottery products
011009	other steel products																						1	other steel products

011201	western tableware/cutting tool products																								1												1	western tableware/cutting tool products	
011304	watch products								1																											1	watch products		
020201	quarrying																																			1	quarrying		
030101	hydroelectric plant construction work																																			1	hydroelectric plant construction work		
030102	tunnel construction work																																			1	tunnel construction work		
030108	sand collapse prevention civil engineering work																																				1	sand collapse prevention civil engineering work	
030109	land consolidation civil engineering work																																				1	land consolidation civil engineering work	
040103	airline service																																				1	airline service	
040309	other land cargo transportation service																																				1	other land cargo transportation service	
060209	other forestry																																				1	other forestry	
070201	fishery																																				1	fishery	
070209	other fishery																																				1	other fishery	
080101	all kinds of wholesale																																					1	all kinds of wholesale
080102	furniture/fittings wholesale																																					1	furniture/fittings wholesale
090102	stock/commodity trade business																																					1	stock/commodity trade business
100101	movie production and delivery service																																					1	movie production and delivery service
100109	other movie/play service																																					1	other movie/play service
120102	software service																																				1	software service	
140302	park and amusement park																																					1	park and amusement park
160101	public office																																					1	public office

010201	silk-reeling																							silk-reeling
010202	cotton-spinning																							cotton-spinning
010203	weaving																							weaving
010502	metal furniture																							metal furniture
010503	fittings																							fittings
010802	chemical fiber																							chemical fiber
010807	leather products																							leather products
010904	fire resisting products																							fire resisting products
010905	other ceramic products																							other ceramic products
011101	nonferrous metals/rolling products																							nonferrous metals/rolling products
011303	optical instruments																							optical instruments
011609	other electric/gas/water service																							other electric/gas/water service
011704	tobacco products																							tobacco products
020101	general coal mining																							general coal mining
020109	other coal mining																							other coal mining
020209	other quarrying																							other quarrying
020301	metal mining																							metal mining
020302	petroleum mining																							petroleum mining
020309	other mining																							other mining
030103	subway construction work																							subway construction work
030107	river civil engineering work																							river civil engineering work
030111	port/seaside construction work																							port/seaside construction work
040102	water transportation service																							water transportation service
	other passenger transport																							other passenger transport

040209	service																							service
040303	cargo/ light automobile transportation service																							cargo/ light automobile transportation service
050201	general harbor transportation service																							general harbor transportation service
050209	other harbor transportation service																							other harbor transportation service
080203	furniture/fittings retail																							furniture/fittings retail
080204	fuel retail																							fuel retail
100102	movie theatre																							movie theatre
150104	cremation service																							cremation service
150105	livestock process service																							livestock process service
170202	information processing service																							information processing service
	total			117	96	116	101	136	142	115	88	101	140	112	123	140	139	163	185	173	138	191	2,516	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