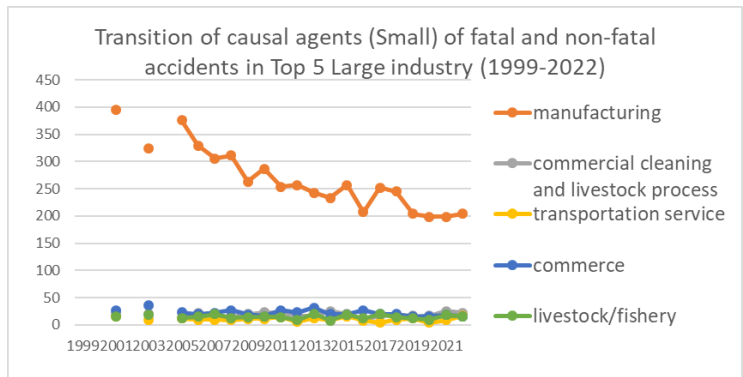
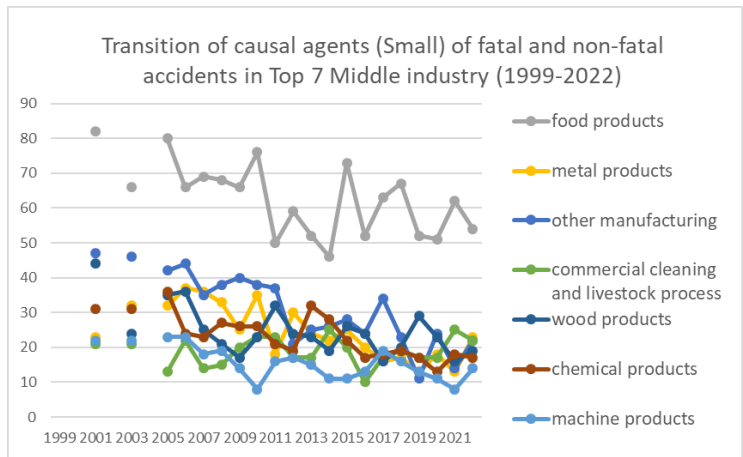


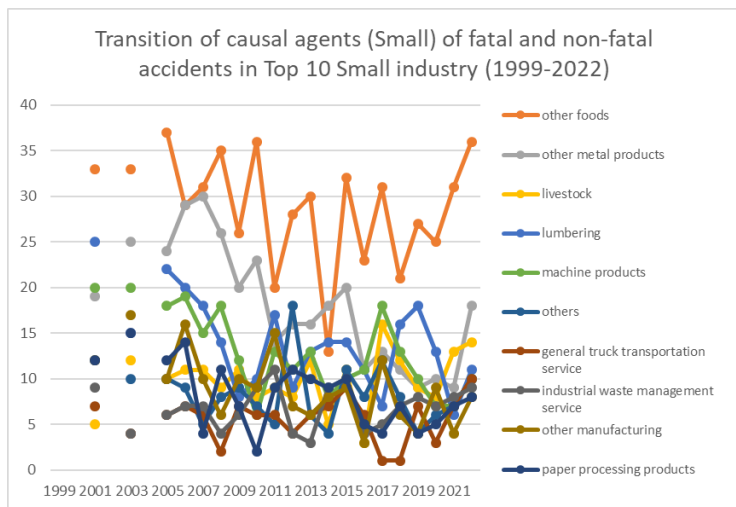
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism in Large industry (1999-2022)

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	2022	total	Large industry
01	manufacturing			395		324		376	329	306	311	263	287	254	257	243	233	257	207	252	245	204	199	199	204	5,345	manufacturing
15	commercial cleaning and livestock process			21		21		13	22	14	15	20	23	23	17	17	25	20	10	17	19	17	17	25	22	378	commercial cleaning and livestock process
04	transportation service			16		10		12	10	10	9	11	11	14	6	13	9	16	8	4	10	12	4	9	17	211	transportation service
08	commerce			26		36		23	20	22	27	19	16	27	23	32	20	19	27	20	20	15	16	18	16	442	commerce
07	livestock/fishery			15		18		13	15	20	13	14	15	14	9	21	8	19	12	20	14	12	10	18	16	296	livestock/fishery
03	construction			38		28		28	20	28	26	16	15	15	18	15	12	17	14	16	15	14	9	17	14	375	construction
17	others			14		10		10	10	5	9	9	8	6	18	6	4	11	8	13	8	4	6	7	10	176	others
14	hotel/restaurant/amusement service			10		13		14	14	17	21	13	14	8	14	8	11	13	13	8	5	9	8	6	9	228	hotel/restaurant/amusement service
06	agriculture			6		2		6	3	5	5	7	4	5	7	4	10	5	9	2	4	5	12	7	6	114	agriculture
05	cargo handling service					4		4	1	2		3	4	4	1	1		4	1	3	4	3	1	4	6	50	cargo handling service
02	mining			10		6		8	6	7	6	1	1	5	3	6	5	7	7	4	4	3	6	3	4	102	mining
13	health and hygiene service					1		1	3		1	1	1	1			1	3	1	2	1	2	3			22	health and hygiene service
12	education/research service			1					2	1	2	1	2	1	1	1			1	1	2		1			17	education/research service
11	telecommunication service							1		3									1	1		1	1			8	telecommunication service
09	financial business/advertisement							1				1														2	financial business/advertisement
16	public office							1	1																	2	public office
10	movie/play service																	1								1	movie/play service
	total			552		473		511	456	440	445	379	401	377	374	367	338	392	319	363	351	301	293	313	324	7,769	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism 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	2019	2020	2021	2022	total	Middle industry
0101	food products			82		66		80	66	69	68	66	76	50	59	52	46	73	52	63	67	52	51	62	54	1,254	food products

0401	service				1					1	1		1		1	4	1	1	1								2	2	2				1	19	transportation/airline service	
0804	other commerce				1		8		3	3	2	3	2	1	1	1	4	4	6	1	2	2	1	4	1								50	other commerce		
0105	furniture				3		2		3	1	2	1	1	3	1	2	2	1	2	1		3	1	1	2								32	furniture		
0116	electric/gas/water service				2					1		1	1		3		1	3	2	2					1								17	electric/gas/water service		
1201	education/research service				1					2	1	2	1	2	1	1	1			1	1	2		1									17	education/research service		
1302	social welfare facility								1	2			1				1			1	2	1	2	2									13	social welfare facility		
0602	forestry				1		1				1	1	1		1		1			4				1									12	forestry		
1401	hotel				1				2	1	2				1		1		1				1											10	hotel	
1101	telecommunication service								1		3									1	1		1	1									8	telecommunication service		
0203	other mining				1										1		1	1			1													5	other mining	
0404	other transportation service				1		2		1			1																						5	other transportation service	
1301	medical treatment service						1					1						1						1										5	medical treatment service	
1303	other health and hygiene service								1					1						2														4	other health and hygiene service	
1701	dispatch service								1		1										1													3	dispatch service	
0201	coal mining														1		1																	2	coal mining	
1601	public office								1	1																								2	public office	
0901	financial business								1																									1	financial business	
0902	advertisement and mediator													1																				1	advertisement and mediator	
1001	movie/play service																			1														1	movie/play service	
0803	haircut/beauty salon																																			haircut/beauty salon
	total				552		473		511	456	440	445	379	401	377	374	367	338	392	319	363	351	301	293	313	324	7,769							total		

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 121 power transmission mechanism 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
010109	other foods			33		33		37	29	31	35	26	36	20	28	30	13	32	23	31	21	27	25	31	36	577	other foods
011209	other metal products			19		25		24	29	30	26	20	23	14	16	16	18	20	11	13	11	9	10	9	18	361	other metal products
070101	livestock			5		12		10	11	11	9	11	8	9	8	12	5	11	3	16	12	9	8	13	14	197	livestock
010401	lumbering			25		15		22	20	18	14	8	10	17	9	13	14	14	11	7	16	18	13	6	11	281	lumbering
011301	machine products			20		20		18	19	15	18	12	6	13	11	13	8	10	11	18	13	10	7	7	10	259	machine products
170209	others			12		10		10	9	5	8	9	7	5	18	6	4	11	8	12	8	4	6	7	10	169	others
040301	general truck transportation service			7		4		6	7	6	2	7	6	6	4	6	7	9	6	1	1	7	3	7	10	112	general truck transportation service
150102	industrial waste management service			9		4		6	7	7	4	6	9	11	4	3	9	10	4	5	7	8	7	8	9	137	industrial waste management service
011709	other manufacturing			12		17		10	16	10	6	10	9	15	7	6	8	9	3	12	6	4	9	4	8	181	other manufacturing
010602	paper processing products			12		15		12	14	4	11	7	2	9	11	10	9	10	5	4	7	4	5	7	8	166	paper processing products

011701	auto mobile servicing			23		21		20	20	15	25	21	16	15	12	10	11	9	8	12	10	1	6	3	7	265	auto mobile servicing	
080209	other retails			7		9		6	7	4	5	4	6	9	10	5	3	5	8	2	2	5	5	3	7	112	other retails	
150101	building maintenance service			4		7		2	5	2	5	9	11	3	7	8	8	6	1	4	3	3	5	10	7	110	building maintenance service	
010104	bread/cake products			17		8		9	10	13	12	17	14	8	11	5	13	14	10	13	16	10	10	12	6	228	bread/cake products	
010102	fishery products			12		11		10	7	9	9	9	11	6	8	9	6	15	9	12	9	7	6	4	6	175	fishery products	
010805	plastics products			5		12		17	8	8	9	8	7	11	7	4	13	8	5	8	6	6	7	6	6	161	plastics products	
010901	cement products			8		10		10	11	7	3	6	10	4	7	8	7	8	3	4	7	11	4	6	6	140	cement products	
080109	other wholesale			4		7		8	4	7	9	4	6	9	4	11	7	5	6	9	9	4	5	7	6	131	other wholesale	
060101	agriculture			5		1		6	3	4	4	6	4	4	7	3	10	5	5	2	4	5	11	7	6	102	agriculture	
010909	other sand and stone products			20		5		2	7	8	11	6	4	4	6	2	6	5	7	9	9	4	3	5	5	128	other sand and stone products	
150103	other waste disposal service			3		3		2	3	3	2	3	3	6	4	3	6	4	2	7	9	4	2	4	5	78	other waste disposal service	
010801	non organic or organic chemical products			4		7		6	5	1	3	5	4	2	3	6	3	2	4	2	3	3	2	2	5	72	non organic or organic chemical products	
010701	printing service			4		4		4	3	1	6	7	3	2	3	4	2	1	2	2	3	2	3	3	5	64	printing service	
011502	auto mobile products			9		14		20	12	6	15	4	11	6	4	5	10	6	5	7	7	5	7	5	4	162	auto mobile products	
010409	other lumber and wood products			14		5		6	8	3	5	5	7	12	10	4	3	7	7	6	3	8	8	4	4	129	other lumber and wood products	
010402	plywood			5		4		7	8	4	2	4	6	3	5	6	2	5	6	3	1	3	2	6	4	86	plywood	
011702	machine repair			6		4		11	6	3	3	5	6	2	2	4	2	4	3	5	2	1	4	2	4	79	machine repair	
040202	bus service			4		4		3		2	3	2	2	1		5		5	1	1	5	3	1	2	4	48	bus service	
011305	other precision machine products					2		2	3	1	1	1	2	2	3	1	3	1	1	1	3	3	3	1	4	38	other precision machine products	
050101	land cargo handling service					3		2	1	2		3	4	2		1		4	1	2	2	2	1	4	4	38	land cargo handling service	
140309	other amusement service			7		8		8	9	11	17	8	8	3	10	5	6	8	8	6	3	7	7	4	3	146	other amusement service	
080202	auto mobile retail			5		8		2	2	6	6	8		4	6	8	4	2	6	4	6	3	2	5	3	90	auto mobile retail	
011703	cleaning			6		4		1	1	6	2	4	7	5		5	5	6	10	4	5	5	5	5	3	89	cleaning	
030302	machinery/apparatus setting work			5		1		7	5	3	5	1	4	4	5	4	3	2	4	7	3	5	2	5	3	78	machinery/apparatus setting work	
010601	pulp/paper			5		7		5	3	4	6	3	1	6	1	1	1	4	1	3	6	6	4	3	3	73	pulp/paper	
010806	rubber products			5		3		2	4	6	4	4	1	4	4	5	4	2	2	1	6	3		1	3	64	rubber products	
030309	other construction works			4				5	6	7	3	7	1	3	3		2	2	1	4	2	3		1	3	57	other construction works	
140201	general restaurant					1		3	1		1	2	1		2		2	1	4			1			3	22	general restaurant	
010101	meat/dairy products			3		7		10	3	8	8	5	6	6	7	6	5	5	5	2	11	2	6	5	2	112	meat/dairy products	
010209	other textile products			16		3		3	6	6	3	2	6	3	4	4	5	4	1	8	7	3	6	4	2	96	other textile products	
011409	other electrical equipment			6		4		5	4	6	3	6	1	4	4	2	1		3	5	3	4	2	2	2	67	other electrical equipment	
020201	quarrying			4		3		3	4	5	4	1	1	3	3	3	3	5	5	1	4		4	2	2	60	quarrying	
011204	metal plating products			2		2		4	5	4	4	3	6	1	6	4	2	1	3	1		1	5	1	2	57	metal plating products	
010202	cotton-spinning			6		4		4	2	4	2	2	1	2			1	2		6	2	2	2	1	2	45	cotton-spinning	
011501	ship building					1		3	2	4	2	3	3	4	2		1		3	3		2	3		2	38	ship building	
011101	nonferrous metals/rolling products			2		2		1	2	3	3	2	1	1	1	1	2		1	3	4	4	2		2	37	nonferrous metals/rolling products	
140301	golf course			2		3		1	3	2	2	2	5	4	1	1	2	1	1	1	1	2		1	1	2	37	golf course
010106	soft drinks			3		1		1	2	2	3	4	1	3		2	1	1	1	1	1	1	2	2	2	34	soft drinks	

011203	metal press products			1		2		1	2	2		1	2		3	1	1	4	3	1	4		1	1	2	32	metal press products
020202	gravel digging			5		3		4	1	1	2				1		1	1	2		3	2	1	2	29	gravel digging	
010803	pharmaceuticals			2		2		1	1	1	2	3	3		4	2	1		2		1			2	27	pharmaceuticals	
011009	other steel products							3		6	1	1	3	1	1	1	2	2		1			2	1	2	27	other steel products
030301	electricity/telecommunication work			2		1		1		2	1		1			2				1			2	2	15	electricity/telecommunication work	
010103	agricultural food products			13		6		9	9	5		3	7	7	4		5	6	4	4	9	2	2	4	1	100	agricultural food products
011002	casting products			3		3		4	5	4	6	2	8	5	3	6	4	5	4	5	4	3	2	1	1	78	casting products
070201	fishery			7		5		3	4	7	3	3	5	4	1	8	2	8	4	3	1	2		3	1	74	fishery
010609	other pulp/paper processing products			5				9	4	6	1	2	1	6	5	2	3	2	3	4	2	2	3	5	1	66	other pulp/paper processing products
010899	other chemical products			7		2		5	4	3	2	5	3	2	3	4	1	3	2	2	2	2	1	3	1	57	other chemical products
011001	steel/iron/rolling products			1		3		6	3	2	5	1	1	3	6	2	2	3	1	4	4	3		5	1	56	steel/iron/rolling products
011403	electronics equipment and telecommunications apparatus			1		4		5	2	4	4	3	3	2	5	3	3		3	3	2	2	2	2	1	54	electronics equipment and telecommunications apparatus
030199	other civil engineering work			5		9		4	2	4	5	1	1	3	1	4	1	5	1	1	3		1	1	1	53	other civil engineering work
010309	other fiber products			5		1		5	3	3	3	1	2	4	5	2	4	1		3	3			2	1	48	other fiber products
150109	other cleaning and livestock process service			5		7		2	7	2	2	2		2	2	3	2		2	1		2	3	3	1	48	other cleaning and livestock process service
011509	other transport equipment products			2		2		3	2	4	1	2	3	1	3		1	3	1	1	1	2	1	3	1	37	other transport equipment products
010902	glass products			4		2		1	1	2	1	3	1	3	3	4	1	2	1	1	1	1	2	1	1	36	glass products
011109	other nonferrous metal products			5		2		3	1	1	1	2	1	1	2	1	1	1	2	1	3	3	1	1	1	34	other nonferrous metal products
030209	other building construction work			4		3		2	2	2	3		1		1	2		2		1	1	2		2	1	29	other building construction work
010105	alcoholic drinks			1				4	6	1	1	2	1		1		3					3		4	1	28	alcoholic drinks
011202	screw products			1		3			1		1		4	3	3	2	1		2	1	1	3	1		1	28	screw products
010905	other ceramic products			5		2		3		3			1	1	1	2	1		1			2	2	1	1	26	other ceramic products
030202	wooden house construction work			3		3		2		1	2	2	1		1	1	2		3	1		1	1	1	1	26	wooden house construction work
030201	steel frame/reinforced concrete house construction work			2					2	3	1	1	1		1		1	3	1	1	2	1	2	2	1	25	steel frame/reinforced concrete house construction work
070209	other fishery			3		1				2	1		2	1		1	1		5	1	1	1	2	2	1	25	other fishery
011402	electrical appliance			2		1		2	3		2	3			1	1							1	1	1	18	electrical appliance
011401	heavy electrical equipment					1		2		1	1		1			1		1	2	2					1	13	heavy electrical equipment
050202	port cargo handling service							2						2	1						1	1	1		1	9	port cargo handling service
040302	specific truck transportation service			2							1					1		1	1		1				1	8	specific truck transportation service
040309	other land cargo transportation service								1		1		1	1	1										1	6	other land cargo transportation service
010201	silk-reeling			1									1		1										1	4	silk-reeling
140209	other restaurants											1												1	1	4	other restaurants

040102	water transportation service											1	1										1	3	water transportation service		
030108	sand collapse prevention civil engineering work																		1				1	2	sand collapse prevention civil engineering work		
050209	other harbor transportation service																		1				1	2	other harbor transportation service		
030103	subway construction work																						1	1	subway construction work		
080409	other commerce			1		8		2	3	2	2	1		1		4	4	4		2	2	1	4		41	other commerce	
030203	building facility construction work			2		10		2		4	1	1		4	4	1		2	2		1	1	1	3		39	building facility construction work
080204	fuel retail			4		4		1	3	2	2	1	2	2	1	4	2	1	3	1	1	1				35	fuel retail
010204	dyeing			5		2		1	1	1		3	1	1		2	2		1		2			5		27	dyeing
010903	pottery products			6		1		2	1	3	2	1	1		2	4	2						1			26	pottery products
010809	chemical fertilizer products			1		2		2		1	3		1	2	1	4			2			2	1	2		24	chemical fertilizer products
010203	weaving			1		6		2	3		1	1		1	1		1	3	1	1	1					23	weaving
010804	petroleum/coal products			2		2		1			1	1	3			1	2	4			1			1		19	petroleum/coal products
010501	wood furniture			2		1		2			1	1	3	1			1	2	1		2					17	wood furniture
010702	bookbinding			1		1		3		3	3				1			1		2		2				17	bookbinding
010709	other printing and bookbinding			3				1			1		4		3	1		1			1	1	1			17	other printing and bookbinding
030106	road construction work			4				1	2	2	1	3		1	1						1		1			17	road construction work
080201	all kinds of retail			1				2	1		2		1	2	1				3	2		1		1		17	all kinds of retail
010808	painting products			1				1		1			3		1	1	2	2	1				2	1		16	painting products
040101	railroad service			1				1	1		1			3	1	1	1			2	2	2				16	railroad service
010802	chemical fiber			2				1		1	2				1	1		1	3	1			1			14	chemical fiber
011201	western tableware/cutting tool products							3			2	1			2	1			1		1		1	2		14	western tableware/cutting tool products
011102	nonferrous metals casting products			1					1	1	4		1	1	1	1	1		1							13	nonferrous metals casting products
120109	other education/research service								2	1	2	1	1	1	1	1				2		1				13	other education/research service
130201	social welfare facility							1	2			1				1		1	2	1	2	2				13	social welfare facility
010904	fire resisting products			1				1			1			1		1	2	1	1	2	1					12	fire resisting products
010807	leather products			2		1			2	1	1		1			2								1		11	leather products
011603	city water service								1			1		3		1	1	2					1			10	city water service
140101	hotel			1				2	1	2				1		1		1				1				10	hotel
030109	land consolidation civil engineering work			4							1				1			1	1			1				9	land consolidation civil engineering work
080401	warehousing							1			1	1	1		1			2	1					1		9	warehousing
140302	park and amusement park					1				2	1				1		1	2		1						9	park and amusement park
011302	measuring instruments			1					3		1			1	1	1										8	measuring instruments
110101	telecommunication service							1		3								1	1		1	1				8	telecommunication service
010509	other furniture			1					1	1					1							1	2			7	other furniture
011303	optical instruments								1	1		1			2			1				1				7	optical instruments
020209	other quarrying							1	1	1							1	1	1							6	other quarrying

030110	water supply/sewage construction work			1		1		1			2												6	water supply/sewage construction work	
030111	port/seaside construction work			1			2				1		1								1			6	port/seaside construction work
040201	taxi service					1		1		1	1				1	1								6	taxi service
060201	lumbering			1				1		1		1					2							6	lumbering
060209	other forestry					1				1				1			2				1			6	other forestry
010503	fittings					1		1					1							1	1			5	fittings
011503	railway vehicle products					1			1	1			1							1				5	railway vehicle products
011704	tobacco products							1	1	2										1				5	tobacco products
030107	river civil engineering work							1							2	1		1						5	river civil engineering work
040409	other transportation service			1		2		1			1													5	other transportation service
130101	hospital					1				1					1							1		5	hospital
010301	over/under wear			1							1						1	1						4	over/under wear
040303	cargo/ light automobile transportation service								1		1		1							1				4	cargo/ light automobile transportation service
080101	all kinds of wholesale			2			1		1															4	all kinds of wholesale
170201	security service			2								1	1											4	security service
010502	metal furniture							1							2									3	metal furniture
011601	electric utility service			1											1		1							3	electric utility service
011609	other electric/gas/water service			1											1		1							3	other electric/gas/water service
020309	other mining			1											1				1					3	other mining
040209	other passenger transport service			1			1					1												3	other passenger transport service
120101	auto mobile practical training			1													1	1						3	auto mobile practical training
150105	livestock process service						1			1							1							3	livestock process service
170101	dispatch service						1		1										1					3	dispatch service
020101	general coal mining											1		1										2	general coal mining
030101	hydroelectric plant construction work			1						1														2	hydroelectric plant construction work
030102	tunnel construction work						1					1												2	tunnel construction work
030105	bridge construction work											1					1							2	bridge construction work
080205	newspaper retail			1																		1		2	newspaper retail
130301	bathhouse											1				1								2	bathhouse
130309	other health and hygiene service							1									1							2	other health and hygiene service
150104	cremation service								1			1												2	cremation service
160101	public office						1	1																2	public office
011304	watch products			1																				1	watch products
011602	city gas service									1														1	city gas service
020301	metal mining														1									1	metal mining
020302	petroleum mining											1												1	petroleum mining
030104	railway construction work								1															1	railway construction work

050201	general harbor transportation service				1																			1	general harbor transportation service	
080102	furniture/fittings wholesale		1																					1	furniture/fittings wholesale	
090109	other financial business					1																		1	other financial business	
090209	other advertisement and mediator									1														1	other advertisement and mediator	
100109	other movie/play service																1							1	other movie/play service	
120102	software service										1													1	software service	
020109	other coal mining																								other coal mining	
040103	airline service																								airline service	
080203	furniture/fittings retail																								furniture/fittings retail	
080301	haircut																								haircut	
080302	beauty salon																								beauty salon	
090101	banking/trust business																								banking/trust business	
090102	stock/commodity trade business																								stock/commodity trade business	
090103	insurance business																								insurance business	
090201	traveling service																								traveling service	
100101	movie production and delivery service																								movie production and delivery service	
100102	movie theatre																								movie theatre	
130102	general clinic																								general clinic	
130109	other medical treatment service																								other medical treatment service	
170202	information processing service																								information processing service	
	total		552		473		511	456	440	445	379	401	377	374	367	338	392	319	363	351	301	293	313	324	7,769	total

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

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