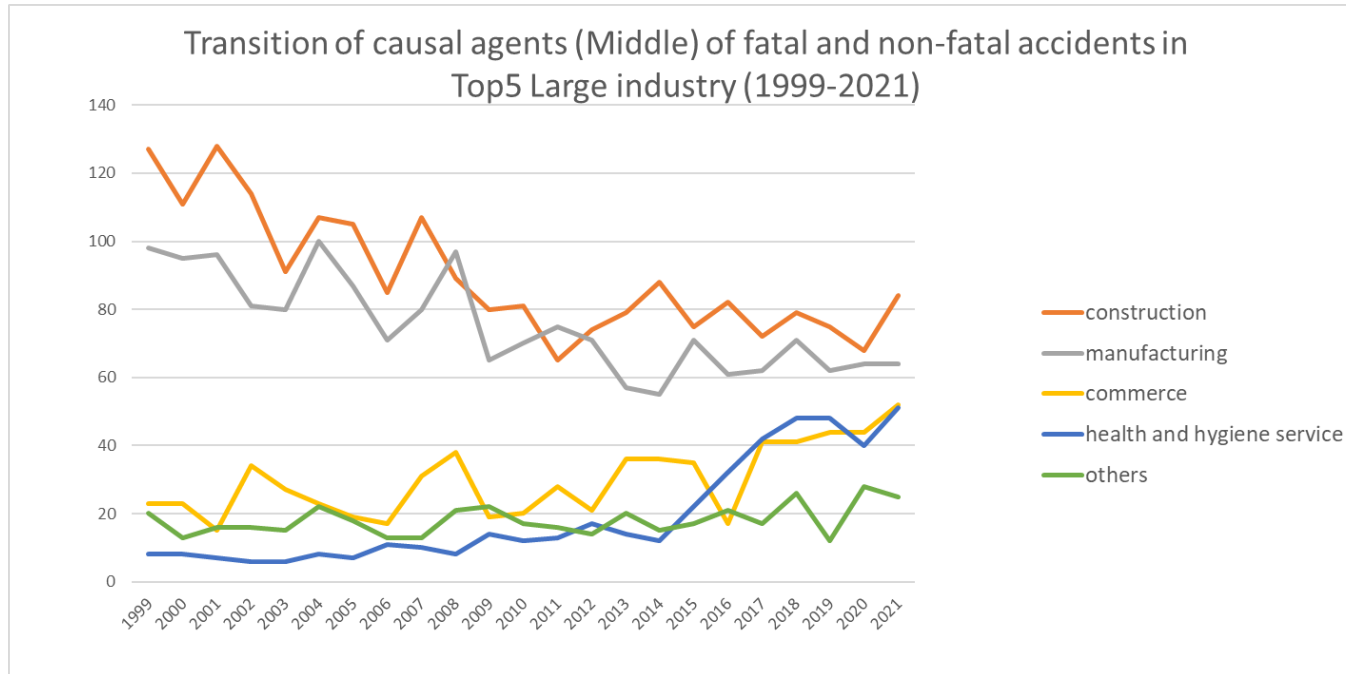
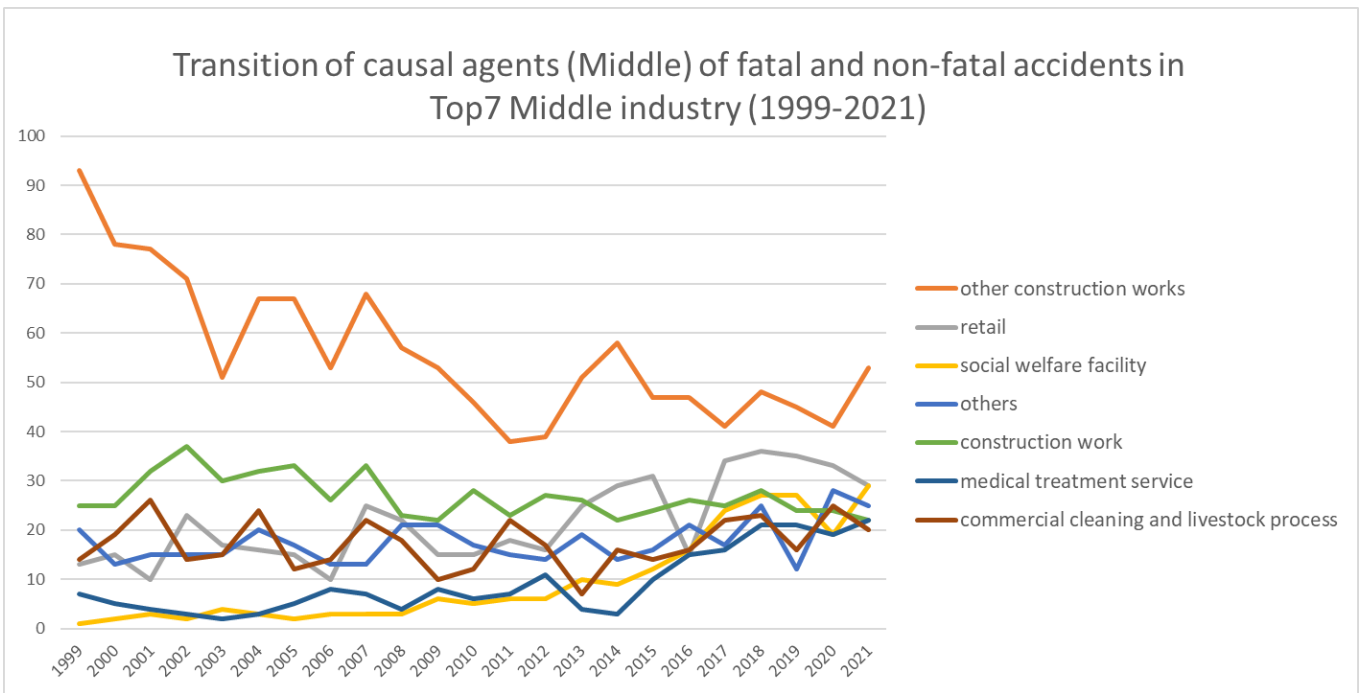


Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment (1999-2021)

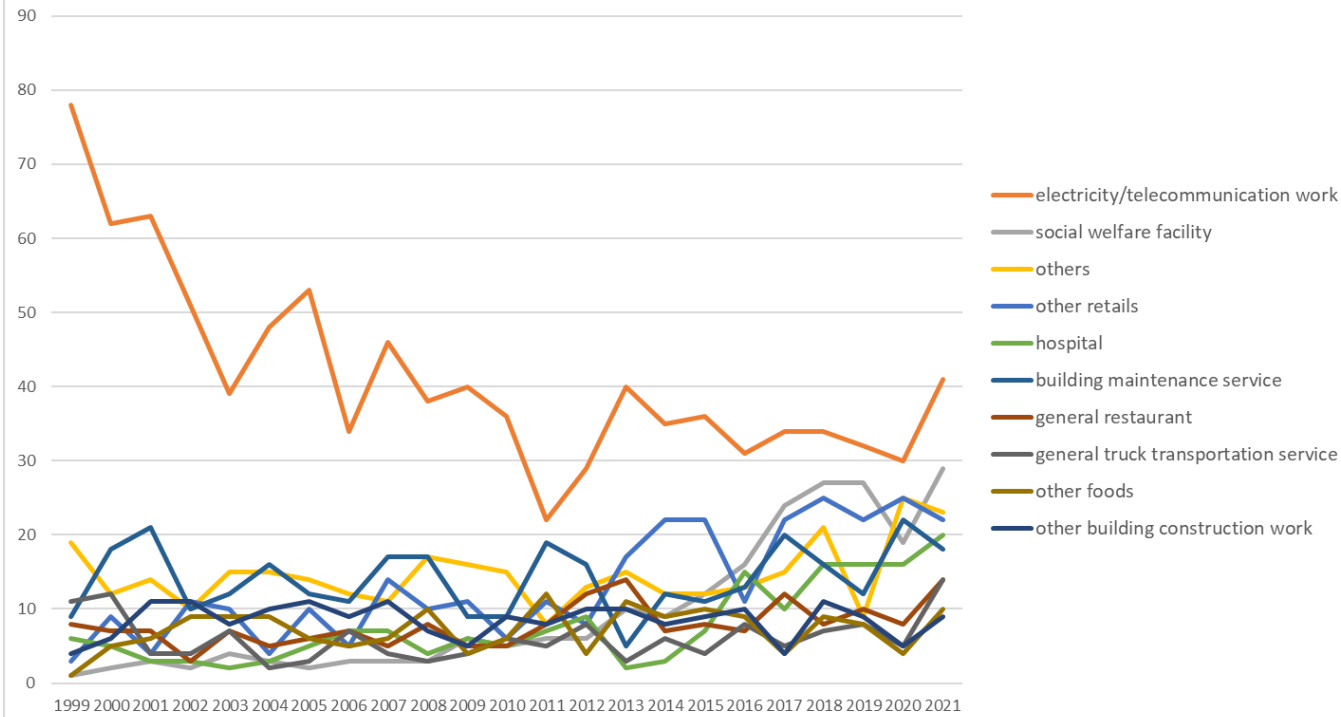


Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment in Large industry (1999-2021)



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment in Middle Industry (1999-2021)

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



Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment in Small Industry (1999-2021)

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment 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	127	111	128	114	91	107	105	85	107	89	80	81	65	74	79	88	75	82	72	79	75	68	84	2,066	construction
01	manufacturing	98	95	96	81	80	100	87	71	80	97	65	70	75	71	57	55	71	61	62	71	62	64	64	1,733	manufacturing
08	commerce	23	23	15	34	27	23	19	17	31	38	19	20	28	21	36	36	35	17	41	41	44	44	52	684	commerce
13	health and hygiene service	8	8	7	6	6	8	7	11	10	8	14	12	13	17	14	12	22	32	42	48	48	40	51	444	health and hygiene service
17	others	20	13	16	16	15	22	18	13	13	21	22	17	16	14	20	15	17	21	17	26	12	28	25	417	others
14	hotel/restaurant/amusement service	18	15	18	12	11	16	16	12	12	16	13	11	12	20	22	23	16	14	20	14	22	12	25	370	hotel/restaurant/amusement service
	commercial cleaning and																									commercial cleaning and

15	livestock process	14	19	26	14	15	24	12	14	22	18	10	12	22	17	7	16	14	16	22	23	16	25	20	398	livestock process
04	transportation service	16	20	7	11	11	5	11	10	10	10	5	11	10	12	7	11	6	13	7	16	10	8	16	243	transportation service
09	financial business/advertisement	8	6	9	1	4	3	4	6	1	7	4	2	4	4	3	4	2	3	6	5	2	2	7	97	financial business/advertisement
12	education/research service	1	1	3	1	1			2	3		1	1	1	1	2	5	1	2		4	5	3	4	42	education/research service
11	telecommunication service	1	1			1	1	3			4	1	3	1		3	2	2	7		3	1	2	4	40	telecommunication service
05	cargo handling service		2	1	1			2	1	1	1	1	1	1	2		2		1	1	2		1	2	23	cargo handling service
07	livestock/fishery	2	5		1	3	2		2	1	2	2	2		3	1	1	1	1	1	1	4	1	1	37	livestock/fishery
02	mining		4	1			4	1		1			1		2		1			1				1	17	mining
10	movie/play service		1			1			1	1					1						1			1	7	movie/play service
06	agriculture	1		1		2		1	2		1	1	2	2	3			1	6	1	1				25	agriculture
16	public office							1				1					1						1		4	public office
	total	337	324	328	292	268	315	287	247	293	313	238	246	250	261	252	272	263	276	293	335	301	299	357	6,647	total

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment 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	93	78	77	71	51	67	67	53	68	57	53	46	38	39	51	58	47	47	41	48	45	41	53	1,289	other construction works
0802	retail	13	15	10	23	17	16	15	10	25	22	15	15	18	16	25	29	31	15	34	36	35	33	29	497	retail
1302	social welfare facility	1	2	3	2	4	3	2	3	3	3	6	5	6	6	10	9	12	16	24	27	27	19	29	222	social welfare facility
1702	others	20	13	15	15	15	20	17	13	13	21	21	17	15	14	19	14	16	21	17	25	12	28	25	406	others
0302	construction work	25	25	32	37	30	32	33	26	33	23	22	28	23	27	26	22	24	26	25	28	24	24	22	617	construction work
1301	medical treatment service	7	5	4	3	2	3	5	8	7	4	8	6	7	11	4	3	10	15	16	21	21	19	22	211	medical treatment service
1501	commercial cleaning and livestock process	14	19	26	14	15	24	12	14	22	18	10	12	22	17	7	16	14	16	22	23	16	25	20	398	commercial cleaning and livestock process

1303	other health and hygiene service		1		1		2				1		1					1	2			2		11	hygiene service	
1701	dispatch service			1	1		2	1				1		1	1	1				1				11	dispatch service	
0702	fishery		4			1					1				1			1		1		1		10	fishery	
0602	forestry	1				1		1	1		1							2						7	forestry	
1601	public office							1			1					1						1		4	public office	
0203	other mining		1				1								1									3	other mining	
0404	other transportation service						1		1															3	other transportation service	
0201	coal mining																									coal mining
	total	337	324	328	292	268	315	287	247	293	313	238	246	250	261	252	272	263	276	293	335	301	299	357	6,647	total

Transition of causal agents (Middle) of fatal and non-fatal accidents as code no. 35 electric equipment 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	78	62	63	51	39	48	53	34	46	38	40	36	22	29	40	35	36	31	34	34	32	30	41	952	electricity/telecommunication work
130201	social welfare facility	1	2	3	2	4	3	2	3	3	3	6	5	6	6	10	9	12	16	24	27	27	19	29	222	social welfare facility
170209	others	19	12	14	10	15	15	14	12	11	17	16	15	8	13	15	12	12	13	15	21	9	25	23	336	others
080209	other retails	3	9	4	11	10	4	10	5	14	10	11	6	11	8	17	22	22	11	22	25	22	25	22	304	other retails
130101	hospital	6	5	3	3	2	3	5	7	7	4	6	5	7	9	2	3	7	15	10	16	16	16	20	177	hospital
150101	building maintenance service	9	18	21	10	12	16	12	11	17	17	9	9	19	16	5	12	11	13	20	16	12	22	18	325	building maintenance service
140201	general restaurant	8	7	7	3	7	5	6	7	5	8	5	5	8	12	14	7	8	7	12	8	10	8	14	181	general restaurant
040301	general truck transportation service	11	12	4	4	7	2	3	7	4	3	4	6	5	8	3	6	4	8	5	7	8	5	14	140	general truck transportation service
010109	other foods	1	5	6	9	9	9	6	5	6	10	4	6	12	4	11	9	10	9	4	9	8	4	10	166	other foods
030209	other building construction work	4	6	11	11	8	10	11	9	11	7	5	9	8	10	10	8	9	10	4	11	9	5	9	195	other building construction work

080109	other wholesale	4	1	3	5	3	3	1	2	5	8	1	4	3	1	5	2	2	1	1	3	6	6	9	79	other wholesale
011301	machine products	7	6	9	6	7	5	3	3	9	9	4	12	1	5	2	1	9	1	3	6	5	2	8	123	machine products
140101	hotel	5	3	7	4	3	8	5	2	3	5	4	3		4	2	6	5	3	5	4	5	2	8	96	hotel
030309	other construction works	7	12	8	12	4	11	8	12	14	12	5	5	11	5	7	13	10	9	6	8	9	7	6	201	other construction works
030201	steel frame/reinforced concrete house construction work	8	13	11	9	13	8	13	9	12	7	6	9	6	10	3	9	8	5	10	8	8	8	6	199	steel frame/reinforced concrete house construction work
030302	machinery/apparatus setting work	8	4	6	8	8	8	6	7	8	7	8	5	5	5	4	10	1	7	1	6	4	4	6	136	machinery/apparatus setting work
011409	other electrical equipment	5	6	5	5	6	5	6	5	6	11	2	3	7	3	1	5	5	2	7	3	4	1	6	109	other electrical equipment
080409	other commerce	5	5	1	5	5	2	1	4	1	4	2		5	4	4	3	1		3		1	4	5	65	other commerce
011209	other metal products	11	9	7	6	6	12	5	7	9	9	6	5	10	4	6	3	11	4	8	9	5	4	4	160	other metal products
080201	all kinds of retail	5	3	3	9	6	9	5	5	6	9	2	8	7	7	7	5	7	3	7	6	11	4	4	138	all kinds of retail
030203	building facility construction work	11	5	4	12	7	6	2	6	5	5	7	6	7	6	9	4		4	7	7	4	6	4	134	building facility construction work
030199	other civil engineering work	1	5	10	5	3	3	1	4	2	2	1	2	2	2		3	3	3	3	1	1	3	4	64	other civil engineering work
090103	insurance business	4	5	4	1	3	3	2	5		2	3	1	2	3	1	2	2	3	4	4	2	1	4	61	insurance business
110101	telecommunication service	1	1		1	1	3			4	1	3	1		3	2	2	7		3	1	2	4	40	telecommunication service	
120109	other education/research service	1	1	3	1	1			2	2		1	1	1	1	2	5		2		4	2	3	4	37	other education/research service
080302	beauty salon		1	1			1	2			2	1	1	1		1		1		1			4	17	beauty salon	
030202	wooden house construction work	2	1	6	5	2	8	7	2	5	4	4	4	2	1	4	1	7	7	4	2	3	5	3	89	wooden house construction work
010104	bread/cake products	5	3	2	2		2	2	4	4	2		3	2	3	2	2	1	3	4	1	5	6	3	61	bread/cake products
011709	other manufacturing	4	3	3	2	1	5	3	1	5	4	1		6	3		1	5	1		1			3	52	other manufacturing
030106	road construction work	1		4		1	2	1		2		2			3		4		1	1	2	1		3	28	road construction work
080301	haircut				1	1	1										1		2			1	3	10	haircut	

011601	electric utility service	4	4	6	3	7	1	6	3	3	3	1	5	3	5	2		1	1	1	4	1	5	2	71	electric utility service	
170201	security service	1	1	1	5		5	2	1	2	4	5	2	7	1	4	2	4	8	2	4	3	3	2	69	security service	
011502	auto mobile products	2	2	6	1	2	5	3	2	3	4	1	3	3	3	2	6	1	3	2		1	4	2	61	auto mobile products	
040101	railroad service	3	3	2	5	2	1	7	2	5	4	1	3		1	3	4	2	3	2	4	1	1	2	61	railroad service	
011401	heavy electrical equipment	4	3		1	2	1	6	1	1	1	4		2	3	2	3	4	3	3		1	2	2	49	heavy electrical equipment	
010101	meat/dairy products	2	2	2			8	2	3	1	1	1		1	2		2	4	1	2	2	2		2	40	meat/dairy products	
140301	golf course		1	1	4	1	1	1			1	1	1		1	1	2				1	2	1	2	22	golf course	
080202	auto mobile retail		1	3	2					2					1	1			1	2	2		2	2	19	auto mobile retail	
080401	warehousing					1			1		1				1		1	1			1	1	2		2	12	warehousing
010609	other pulp/paper processing products		1	1		1		1		1					1		1						1		2	10	other pulp/paper processing products
010501	wood furniture		3							1						1									2	7	wood furniture
010803	pharmaceuticals														1						3	1			2	7	pharmaceuticals
011403	electronics equipment and telecommunications apparatus	4	4		4	2	4	2	3	1	1	4			2	2				3	2	4	2	4	1	49	electronics equipment and telecommunications apparatus
010805	plastics products	4	3	1	4	5	1	1	1	1	1	3	2	1	3		1		1	2	2	2	5	1	45	plastics products	
011703	cleaning	2	3		1	2	3	2		1	2	2	3	2	1	3	3			1	3	4	6	1	45	cleaning	
011001	steel/iron/rolling products	2	1	1	1	3	4	1	1	1	1		2	4		1	2	1	1		3		1	1	32	steel/iron/rolling products	
010901	cement products	3	1	3	2	1	1	3	3			1	3			2	1	1	1				1	1	28	cement products	
150102	industrial waste management service	1				1	2		2	2	1	1	1	1	1		4	1		1	4	3	1	1	28	industrial waste management service	
070101	livestock	2	1		1	2	2		2	1	1	2	2		2	1	1		1		1	3	1	1	27	livestock	
010801	non organic or organic chemical products	2	1	1	1	1	1	1			1		2		1	1	2		1	2		1	1	1	21	non organic or organic chemical products	
010409	other lumber and wood products	1	1		3		1	2		2	2		1			3			1	1	1			1	20	other lumber and wood products	

010899	other chemical products			3	1	1	1	1		1		3			1	4		1	1			1		1		20	other chemical products	
090101	banking/trust business	3		2		1		1	1		2	1		2		2	2			1			1	1		20	banking/trust business	
130102	general clinic	1										1			1	1		2		5	1	3	2	1		18	general clinic	
011305	other precision machine products		2	2	1	2	1		1					2				1	1	2	1			1		17	other precision machine products	
080204	fuel retail	2	2			1	1			1	1	1	1			2				2	2			1		17	fuel retail	
050101	land cargo handling service		1	1				1	1	1	1	1			2		2		1		2		1	1		16	land cargo handling service	
130109	other medical treatment service			1					1			1	1			1	1		1	4	2	1	1			16	other medical treatment service	
140209	other restaurants		1		1						1			2	2	1	3			1		2	1	1		16	other restaurants	
150103	other waste disposal service	2	1	2		2	1			1			1			1	1	1	1			1	1			16	other waste disposal service	
010103	agricultural food products			1	1						1			1	1	1			2	1	2			1		12	agricultural food products	
011509	other transport equipment products			1	3		1		1		2						1	1			1			1		12	other transport equipment products	
011503	railway vehicle products		1			1	1		1											1	2			1		8	railway vehicle products	
010402	plywood		1		1		1		1		1										1			1		7	plywood	
010701	printing service	1		1					1			1	1								1			1		7	printing service	
020202	gravel digging		1							1			1			1				1				1		6	gravel digging	
090201	traveling service		1					1			1				1						1			1		6	traveling service	
030102	tunnel construction work							1	1				2												1		5	tunnel construction work
030111	port/seaside construction work		1			1												2						1		5	port/seaside construction work	
050202	port cargo handling service					1							1	1						1				1		5	port cargo handling service	
100101	movie production and delivery service		1							1						1								1		4	movie production and delivery service	
090109	other financial business			1							1													1		3	other financial business	
011704	tobacco products									1														1		2	tobacco products	

090209	other advertisement and mediator	1		2						1	1							1				6	other advertisement and mediator	
030107	river civil engineering work	2						1		1										1			5	river civil engineering work
040309	other land cargo transportation service				1	1				1	1	1											5	other land cargo transportation service
010203	weaving			1					1	1										1			4	weaving
010702	bookbinding									1					1	1	1						4	bookbinding
010809	chemical fertilizer products							1		1			1		1								4	chemical fertilizer products
010903	pottery products	1	1										1							1			4	pottery products
040103	airline service				1								1							1	1		4	airline service
130309	other health and hygiene service						1				1							1			1		4	other health and hygiene service
160101	public office						1		1					1							1		4	public office
010202	cotton-spinning					1	1				1												3	cotton-spinning
010709	other printing and bookbinding				1		1											1					3	other printing and bookbinding
011201	western tableware/cutting tool products				1				1						1								3	western tableware/cutting tool products
011202	screw products				1				1	1													3	screw products
011303	optical instruments		1			1									1								3	optical instruments
011602	city gas service				1			1	1														3	city gas service
030101	hydroelectric plant construction work		1	1						1													3	hydroelectric plant construction work
040409	other transportation service						1	1					1										3	other transportation service
080101	all kinds of wholesale	1	1												1								3	all kinds of wholesale
100109	other movie/play service					1			1											1			3	other movie/play service
120102	software service								1							1					1		3	software service

170202	service						1																	1	service	
010201	silk-reeling																								silk-reeling	
010502	metal furniture																								metal furniture	
010904	fire resisting products																								fire resisting products	
011609	other electric/gas/water service																								other electric/gas/water service	
020101	general coal mining																								general coal mining	
020109	other coal mining																								other coal mining	
020209	other quarrying																								other quarrying	
020301	metal mining																								metal mining	
040102	water transportation service																								water transportation service	
040303	cargo/ light automobile transportation service																								cargo/ light automobile transportation service	
100102	movie theatre																								movie theatre	
	total	337	324	328	292	268	315	287	247	293	313	238	246	250	261	252	272	263	276	293	335	301	299	357	6,647	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