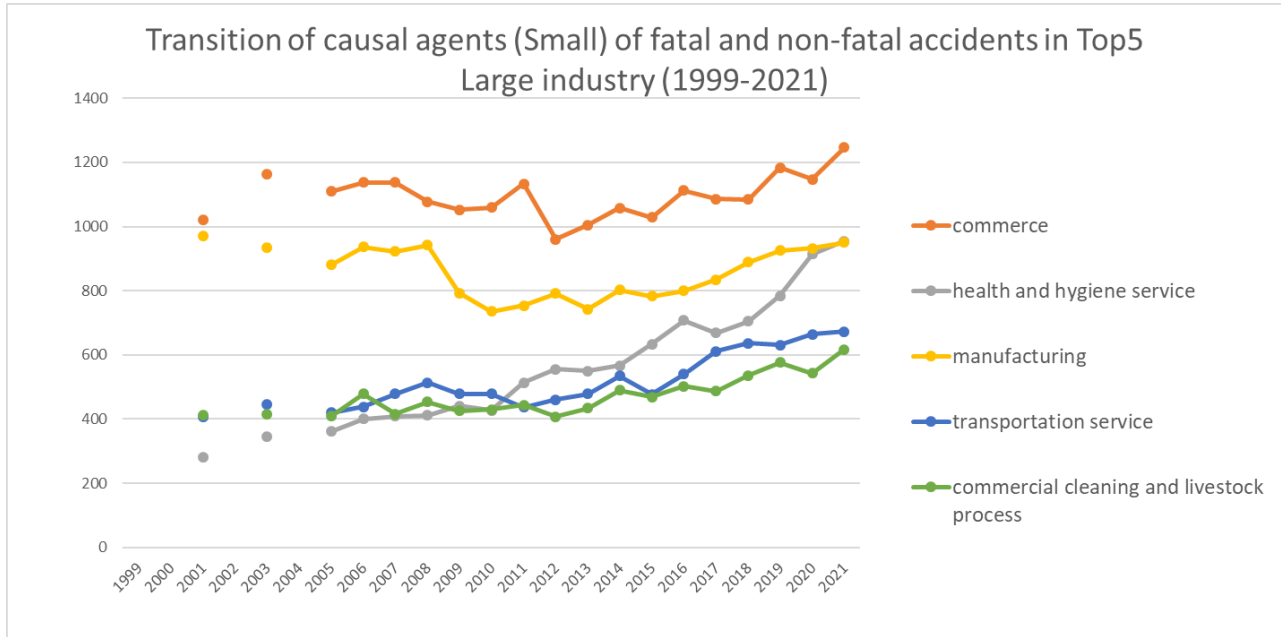
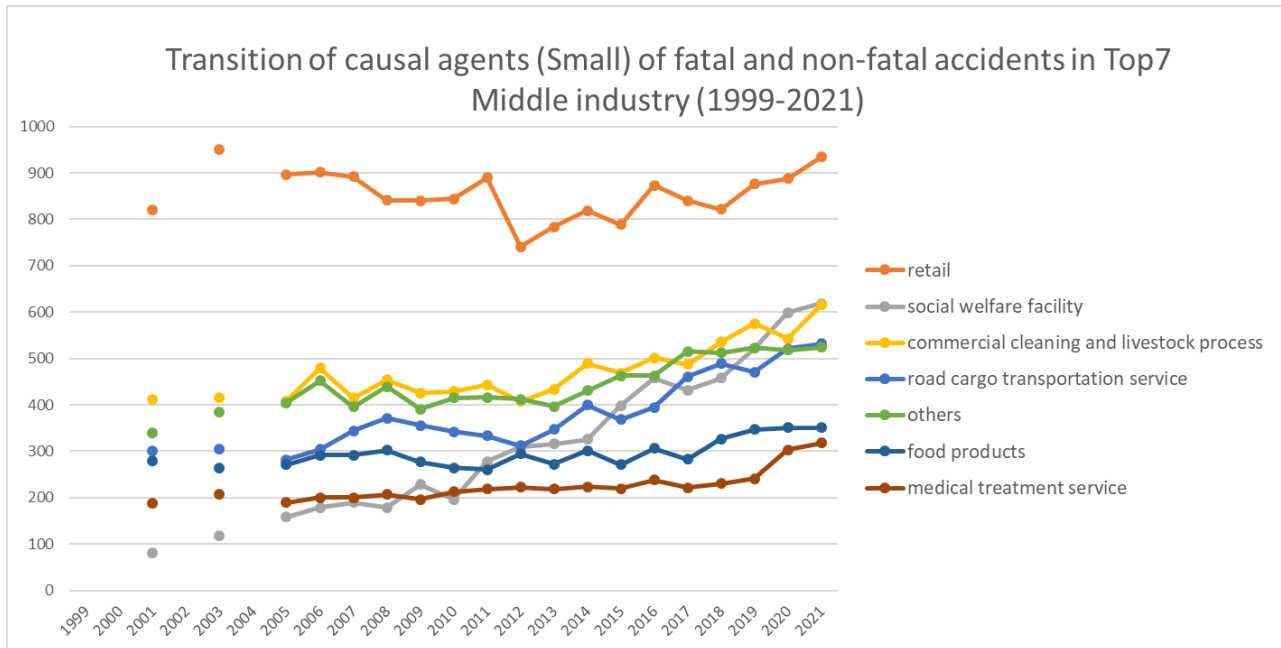


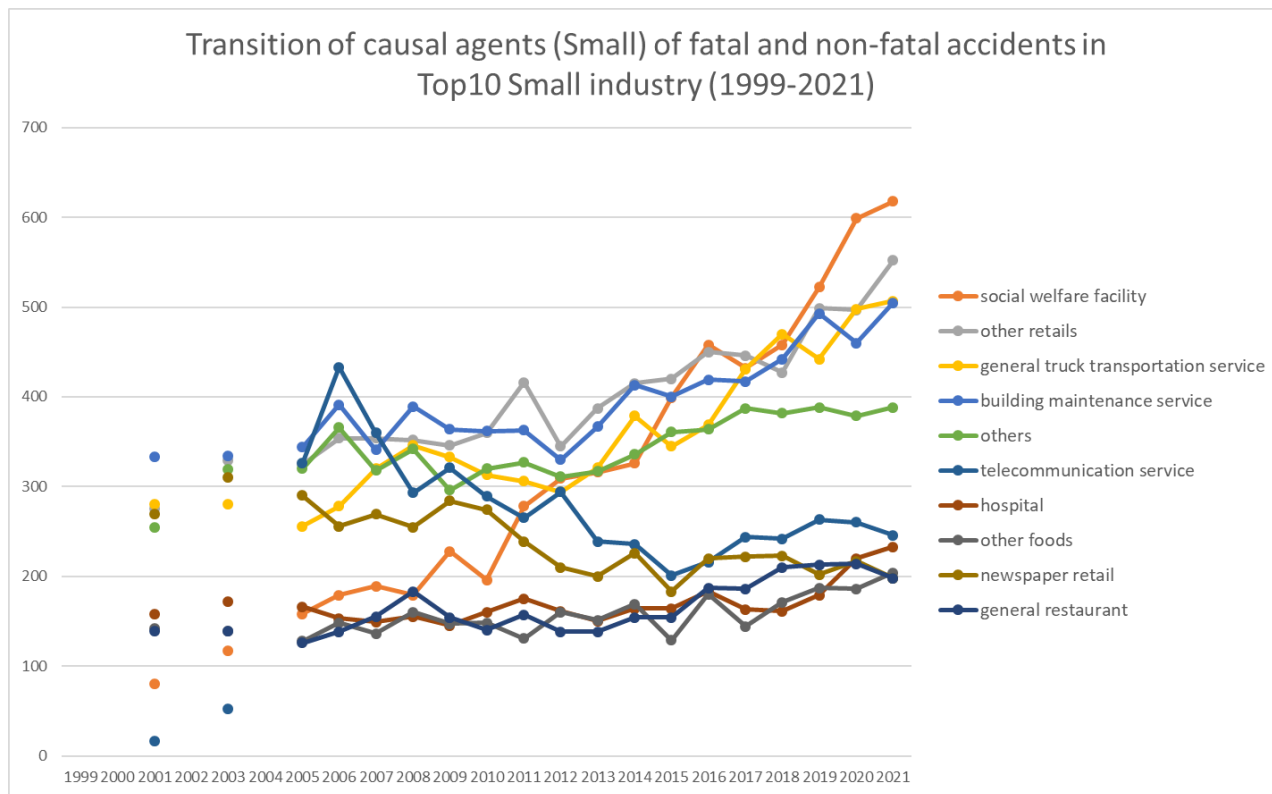
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage 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
08	commerce			1,022		1,164		1,109	1,138	1,137	1,077	1,052	1,060	1,133	960	1,005	1,058	1,028	1,113	1,086	1,084	1,183	1,148	1,246	20,803	commerce
13	health and hygiene service			280		345		361	400	408	412	441	427	514	555	550	566	634	708	668	704	784	914	955	10,626	health and hygiene service
01	manufacturing			971		933		881	936	922	942	793	736	754	791	743	802	783	800	834	889	925	932	950	16,317	manufacturing
04	transportation service			407		447		420	438	479	513	479	478	436	460	478	534	477	540	611	636	630	664	673	9,800	transportation service
15	commercial cleaning and livestock process			412		415		408	479	415	454	426	429	443	407	434	489	469	502	487	536	576	543	616	8,940	commercial cleaning and livestock process
17	others			358		411		422	472	418	458	403	427	434	431	424	448	483	482	536	532	545	549	549	8,782	others
	hotel/restaurant/amusement																									hotel/restaurant/amusement

14	service			490	471		421	486	510	527	477	438	447	473	424	457	483	501	527	570	542	498	484	9,226	service
03	construction			465	447		429	410	415	376	330	316	320	368	334	370	357	375	358	355	384	402	386	7,197	construction
11	telecommunication service			16	52		326	433	360	293	321	289	265	294	239	236	201	216	244	242	263	260	246	4,796	telecommunication service
09	financial business/advertisement			204	221		201	219	239	242	226	215	216	216	204	211	223	209	256	205	205	203	220	4,135	financial business/advertisement
12	education/research service			56	56		81	62	69	86	65	89	74	62	77	76	90	82	93	95	111	96	122	1,542	education/research service
05	cargo handling service			33	44		44	49	44	47	37	42	51	43	35	41	54	52	44	56	64	67	77	924	cargo handling service
07	livestock/fishery			17	14		16	18	24	9	11	17	21	23	17	20	11	12	11	18	19	21	21	320	livestock/fishery
06	agriculture			14	7		6	12	10	10	5	12	10	18	6	9	9	10	13	8	15	22	20	216	agriculture
10	movie/play service			3	5		2	11	10	10	11	9	9	4	6	6	11	9	7	10	12	10	15	160	movie/play service
16	public office			5	7		13	4	8	5		5	3	7	4	8	2	4	6	5	6	9	11	112	public office
02	mining			7	9		11	8	8	6	11	3	3	6	6	6	5	3	5	5	6	5	6	119	mining
	total			4,760	5,048		5,151	5,575	5,476	5,467	5,088	4,992	5,133	5,118	4,986	5,337	5,320	5,618	5,786	5,950	6,270	6,343	6,597	104,015	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage 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
0802	retail			821		951		897	902	892	841	840	844	890	741	784	819	789	873	840	822	876	888	935	16,245	retail
1302	social welfare facility			80		117		158	179	189	179	228	196	278	309	316	326	399	458	432	458	522	599	618	6,041	social welfare facility
1501	commercial cleaning and livestock process			412		415		408	479	415	454	426	429	443	407	434	489	469	502	487	536	576	543	616	8,940	commercial cleaning and livestock process
0403	road cargo transportation service			301		304		282	304	344	371	356	342	333	312	347	400	368	395	461	489	471	521	532	7,233	road cargo transportation service
1702	others			339		385		404	452	396	439	391	415	416	412	397	431	463	463	515	512	523	518	524	8,395	others
0101	food products			280		263		271	292	292	302	277	264	260	294	272	301	271	306	283	327	347	351	351	5,604	food products
1301	medical treatment service			187		207		189	200	200	207	196	213	219	222	219	223	220	238	221	230	241	303	318	4,253	medical treatment service
1101	telecommunication service			16		52		326	433	360	293	321	289	265	294	239	236	201	216	244	242	263	260	246	4,796	telecommunication

0107	printing/bookbinding			32		30		27	33	33	28	35	16	24	24	18	20	29	20	27	25	29	31	33	514	printing/bookbinding
0109	sand and stone products			49		42		40	37	34	33	24	27	31	25	18	27	20	24	25	23	33	26	27	565	sand and stone products
1701	dispatch service			19		26		18	20	22	19	12	12	18	19	27	17	20	19	21	20	22	31	25	387	dispatch service
0902	advertisement and mediator			7		20		23	12	21	17	23	12	22	18	30	28	23	25	32	18	26	30	24	411	advertisement and mediator
0106	pulp/paper processing products			32		26		23	26	22	24	18	23	25	13	14	28	23	17	18	17	25	28	19	421	pulp/paper processing products
1303	other health and hygiene service			13		21		14	21	19	26	17	18	17	24	15	17	15	12	15	16	21	12	19	332	other health and hygiene service
0104	wood products			28		25		17	19	22	20	20	13	16	15	17	11	12	19	5	22	16	12	19	328	wood products
0601	agriculture			9		3		5	8	7	7	5	10	9	14	6	9	9	10	11	6	13	19	18	178	agriculture
0116	electric/gas/water service			19		18		15	14	17	14	9	15	20	19	10	13	17	12	12	12	17	21	17	291	electric/gas/water service
0803	haircut/beauty salon			11		20		18	20	21	15	12	12	9	11	8	15	14	9	18	14	14	13	17	271	haircut/beauty salon
1001	movie/play service			3		5		2	11	10	10	11	9	9	4	6	6	11	9	7	10	12	10	15	160	movie/play service
0701	livestock			7		10		8	10	13	2	7	14	7	20	15	12	7	6	8	13	13	17	14	203	livestock
0110	steel making			17		12		14	12	16	18	6	5	7	18	14	13	16	14	15	19	6	9	12	243	steel making
1601	public office			5		7		13	4	8	5		5	3	7	4	8	2	4	6	5	6	9	11	112	public office
0103	fiber products			18		24		16	19	18	19	20	19	14	18	10	11	11	6	11	11	20	8	10	283	fiber products
0111	nonferrous metal making			8		6		8	6	5	9	12	2	3	6	6	6	8	6	11	11	7	4	8	132	nonferrous metal making
0502	harbor transportation service			12		11		14	12	11	6	5	15	14	7	10	10	6	8	10	8	9	16	7	191	harbor transportation service
0702	fishery			10		4		8	8	11	7	4	3	14	3	2	8	4	6	3	5	6	4	7	117	fishery
0102	textile products			19		15		20	26	17	10	13	12	4	11	12	13	8	5	18	12	10	16	6	247	textile products
0202	quarrying			4		9		9	7	8	5	9	2	3	5	6	5	4	3	4	5	6	5	6	105	quarrying
0404	other transportation service			2		5		5	5	1	5	5	4	4	4	9	4	3	2	8	3	3	3	6	81	other transportation service

0105	furniture			16		21		12	12	6	9	5	7	3	2	6	6	6	5	9	5	6	9	4	149	furniture
0602	forestry			5		4		1	4	3	3		2	1	4					2	2	2	3	2	38	forestry
0203	other mining			2				2	1		1	1	1		1		1	1		1					12	other mining
0201	coal mining			1								1													2	coal mining
	total			4,760		5,048		5,151	5,575	5,476	5,467	5,088	4,992	5,133	5,118	4,986	5,337	5,320	5,618	5,786	5,950	6,270	6,343	6,597	104,015	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 413 stairs, landing stage 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
130201	social welfare facility			80		117		158	179	189	179	228	196	278	309	316	326	399	458	432	458	522	599	618	6,041	social welfare facility
080209	other retails			275		329		325	354	354	352	346	360	416	345	387	415	420	450	446	427	499	497	552	7,549	other retails
040301	general truck transportation service			280		280		256	278	320	346	333	313	306	294	321	379	345	369	431	470	442	498	507	6,768	general truck transportation service
150101	building maintenance service			333		334		344	391	341	389	364	362	363	330	367	413	400	419	417	442	493	460	505	7,467	building maintenance service
170209	others			255		319		320	366	318	342	296	320	327	311	317	336	361	364	387	382	388	379	388	6,476	others
110101	telecommunication service			16		52		326	433	360	293	321	289	265	294	239	236	201	216	244	242	263	260	246	4,796	telecommunication service
130101	hospital			158		172		166	153	149	155	145	160	175	161	150	164	164	183	163	161	179	220	233	3,211	hospital
010109	other foods			142		139		128	148	136	160	147	148	131	160	151	169	129	180	144	171	187	186	204	2,960	other foods
080205	newspaper retail			269		310		290	256	269	255	284	274	239	210	200	226	183	220	222	223	202	217	198	4,547	newspaper retail
140201	general restaurant			139		139		126	138	155	183	154	140	157	138	138	154	154	187	186	210	213	214	198	3,123	general restaurant
140101	hotel			182		197		162	186	196	176	168	169	152	180	167	166	175	171	189	204	210	153	159	3,362	hotel
080201	all kinds of retail			243		256		241	244	240	196	182	177	203	156	158	153	149	169	131	129	130	128	145	3,430	all kinds of retail
080109	other wholesale			104		109		100	123	120	120	110	115	131	117	121	108	116	110	115	131	149	125	141	2,265	other wholesale
090103	insurance business			163		150		134	163	160	150	147	151	134	140	140	140	154	149	162	148	134	127	132	2,778	insurance business
170201	security service			70		58		78	78	68	80	85	85	74	85	69	81	83	89	116	107	113	117	127	1,663	security service
080409	other commerce			43		59		65	63	66	65	52	67	70	66	67	85	75	82	79	95	109	90	113	1,411	other commerce
120109	other education/research service			48		44		69	55	61	74	55	78	65	59	68	70	78	71	84	87	95	84	105	1,350	other education/research service

140302	park and amusement park			9		10		10	13	11	11	13	3	17	21	10	14	20	18	20	19	18	16	12	265	park and amusement park
011701	auto mobile servicing			10		12		13	9	15	11	6	3	6	4	8	8	11	7	8	13	8	19	12	183	auto mobile servicing
010901	cement products			25		18		14	14	17	18	6	6	16	7	11	14	10	10	7	18	15	15	11	252	cement products
040302	specific truck transportation service			10		10		12	15	16	11	11	14	15	7	10	10	8	12	11	9	15	10	11	217	specific truck transportation service
130309	other health and hygiene service			8		11		9	14	8	16	5	13	9	19	10	8	10	7	4	10	10	5	11	187	other health and hygiene service
090109	other financial business			6		8		4	4	4	7	10	8	6	10	4	7	7	3	10	4	5	7	11	125	other financial business
160101	public office			5		7		13	4	8	5		5	3	7	4	8	2	4	6	5	6	9	11	112	public office
011501	ship building			18		25		19	17	21	22	37	17	14	14	11	18	24	24	16	13	28	12	10	360	ship building
010103	agricultural food products			12		13		24	12	20	13	13	17	7	12	10	10	10	10	19	20	16	12	9	259	agricultural food products
170202	information processing service			14		8		6	8	10	17	10	10	15	16	11	14	19	10	12	23	22	22	9	256	information processing service
010602	paper processing products			14		8		10	12	15	16	11	12	12	9	7	13	19	6	10	10	15	16	9	224	paper processing products
010309	other fiber products			12		11		7	14	8	12	9	16	10	9	7	8	5	6	8	5	14	4	9	174	other fiber products
010106	soft drinks			5		5		7	4	6	8	4	3	4	5	1	5	7	2	2	5	8	7	9	97	soft drinks
100109	other movie/play service					5		1	8	6	6	5	5	5	2	5	2	4	4	2	5	7	3	9	84	other movie/play service
080101	all kinds of wholesale			27		17		17	12	14	18	10	10	10	4	8	13	9	6	9	7	7	9	8	215	all kinds of wholesale
040309	other land cargo transportation service			9		12		13	8	6	12	6	10	9	9	13	7	14	12	15	10	9	8	8	190	other land cargo transportation service
130301	bathroom			5		10		5	7	11	10	12	5	8	5	5	9	5	5	11	6	11	7	8	145	bathroom
010806	rubber products			10		10		14	9	6	8	5	3	8	7	3	5	7	7	5	7	6	7	8	135	rubber products
011602	city gas service			10		10		5	6	4	5	2	3	8	3	6	3	8	1	1	6	9	8	8	106	city gas service
010801	non organic or organic chemical products			10		12		11	16	14	14	9	9	15	12	9	14	4	8	11	18	20	12	7	225	non organic or organic chemical products
080203	furniture/fitings retail			13		14		6	11	8	6	3	7	5	7	6	6	12	12	7	8	6	10	7	154	furniture/fitings retail
010909	other sand and stone products			17		12		12	10	10	5	9	7	8	6	5	7	4	7	5	1	9	4	7	145	other sand and stone products
011402	electrical appliance			12		10		8	8	6	9	6	7	3	5	6	6	5	10	8	13	6	9	7	144	electrical appliance

011601	electric utility service			6		6		4	5	8	3	2	5	2	4	3	6	5	5	3	2	2	4	4	79	electric utility service
020201	quarrying			3		7		1	4	4	4	4	1	2	3	3	3	2		1	4	4	3	4	57	quarrying
030109	land consolidation civil engineering work			4		2		1	3	6	2	6	2	2	3	4	2	1	4	2	1	2	4	4	55	land consolidation civil engineering work
070201	fishery			4		1		2	4	3	3	3	2	9	2		3	1	3	2	3	2	3	4	54	fishery
010804	petroleum/coal products			1		3		6	1	4	4	2	2	3	2	2	2	3	3	2	3	1	4	4	52	petroleum/coal products
011009	other steel products			6		2		4	3	1	4			1	3	5	3	4	4	1	3	1	3	4	52	other steel products
080102	furniture/fittings wholesale			3		5		5	7	5	1	3	1		2		2	2		3	3	1	3	4	50	furniture/fittings wholesale
030105	bridge construction work			4		4		2	3	4	3	3	2	1	1	3	1	4		3			2	4	44	bridge construction work
100101	movie production and delivery service			2				1	1	2	2	4		2	1	1	4	7	4	1	2		2	4	40	movie production and delivery service
040103	airline service			3		6		4	10	3	7	7	7	1	4	6	8	8	8	9	3	3	4	3	104	airline service
090201	traveling service			2		1		7	3	3	1	4	7	8	5	10	7	5	4	10	4	5	6	3	95	traveling service
010902	glass products			5		4		5	6	3	5	3	10	6	4	2	4	3	3	6	1	6	5	3	84	glass products
030110	water supply/sewage construction work			7		10		6	6	2	5	5	1	2	8	5	1	2	5	2	6	4	4	3	84	water supply/sewage construction work
040102	water transportation service			2		7		2	3	3	1	2	11	5	2	2	2	2	2	7	3	3	3	3	64	water transportation service
070209	other fishery			6		3		6	4	8	4	1	1	5	1	2	5	3	3	1	2	4	1	3	63	other fishery
090102	stock/commodity trade business			5		3		4	6	3	9		1	4		1	1	6	5	5	2	1	2	3	61	stock/commodity trade business
011303	optical instruments					2		3	1	2	3	4	4	5	4	2	3	2	3	3	1	2	2	3	49	optical instruments
011401	heavy electrical equipment			5		3		5	3	1	5	2	1	3		3	1	2	4	1	2	2	3	3	49	heavy electrical equipment
010903	pottery products			2		5		5	5	2	4	4	1		5		2	2	1	3	2	1		3	47	pottery products
030107	river civil engineering work			3				2	3	3	2	1	2	1	3		6	3	3	1	1	5	1	3	43	river civil engineering work
010809	chemical fertilizer products			1		4		3	4		5	4	2	1	1	1	3		3	1	4	1		3	41	chemical fertilizer products
040209	other passenger transport service					2		4	5	1	4	1		4	1		1	1	2	5	1	1	2	3	38	other passenger transport service
011202	screw products			2				2	4	1	3	1	1			3	1	2	1	4	2		3	30	screw products	
011503	railway vehicle products			2		3		1	1	1	2		1	2	1	1		3	3	1	2	1	1	3	29	railway vehicle products

010501	wood furniture			9		10		6	5	3	2	3	5	1	1	3	3		3	6	3	2	4	2	71	wood furniture	
011302	measuring instruments			6		3		1		6		2	7	3	3	2	3	6	2	6	5	3	3	2	63	measuring instruments	
011109	other nonferrous metal products			3		3		5	4	2	4	6		1	1	3	3	5	2	6	3	3	2	2	58	other nonferrous metal products	
010509	other furniture			5		6		2	5		3	1	1	1		2	1	3	1	1	1	2	2	2	39	other furniture	
010808	painting products			3		4		4	3	3	2	1			3		1	3	2	1	1	2	4	2	39	painting products	
020202	gravel digging			1		2		5	2	3	1	4	1	1	2	2	2	2	3	2		2	2	2	39	gravel digging	
080301	haircut			3		3		2	1	4	4	1	2	2	1	2	1	2		2	2	4	1	2	39	haircut	
100102	movie theatre			1					2	2	2	2	2	4	2	1				1	4	3	5	5	2	36	movie theatre
030111	port/seaside construction work			1		3		4	2	2	2	1	1	1	1	2	1		1	1		2	4	2	31	port/seaside construction work	
010905	other ceramic products					3		4		1		1	1	1	2				1	3		2	1	2	22	other ceramic products	
010301	over/under wear			6		13		9	5	10	7	11	3	4	9	3	3	6		3	6	6	4	1	109	over/under wear	
010204	dyeing			3		7		8	12	5	3	4	4	2	6	6	4	2	2	6	3	6	4	1	88	dyeing	
011002	casting products			8		6		4	4	8	7	3	2	1	6	4	1	3	5	7	3	3	3	1	79	casting products	
050201	general harbor transportation service			2		6		4	2	2		1	5	4	1	2	3	1	2	5	3	1	3	1	48	general harbor transportation service	
030108	sand collapse prevention civil engineering work			3		5		2	1	3	3	1	1	1	1	4	3	1			1	2	1	1	34	sand collapse prevention civil engineering work	
150105	livestock process service			3		1		3	2	1	3	2	4		1		2	1			1	1	3	1	29	livestock process service	
060209	other forestry			3		2		1	2	3	3		2	1						2	1	1	2	1	24	other forestry	
030102	tunnel construction work			2					1	2	1	3			2	1		2	1	1				1	17	tunnel construction work	
030104	railway construction work			2				1	1				1		3	2	2		1	1			2	1	17	railway construction work	
010904	fire resisting products								2	1	1	1	2		1			1	2	1	1		1	1	15	fire resisting products	
060201	lumbering			2		2			2						4							1	1	1	1	14	lumbering
011304	watch products					1		1	1	2	1	1		1	1									1	10	watch products	
010807	leather products			3		4		4	1	3	3	1	3	3			2	1		3	1	2	2		36	leather products	
010203	weaving			3				4	3	2		4	1			3	3	2	1	4	2	1	2		35	weaving	

010503	fittings			2		5		4	1	3	4	1	1	1	1	1	1	2	1	2		2	3		34	fittings
011102	nonferrous metals casting products			2		1				1	5		1		4	1	1		2	4	6	1	1		30	nonferrous metals casting products
010702	bookbinding			1				2	3	3	1	1	2	1	1	2	4	1	1	1	3	1			28	bookbinding
010802	chemical fiber			1				1	1	2	2			1		2	1	1	1		1	1	1		16	chemical fiber
050209	other harbor transportation service			4				1	1	2		1	1			1		1	1	1	1		1		16	other harbor transportation service
010202	cotton-spinning			1		1		1	1	3	1		1			1	1		1		1				13	cotton-spinning
011201	western tableware/cutting tool products					1			1	1	1	2	1			1		2	2						12	western tableware/cutting tool products
011609	other electric/gas/water service							1	1		1			1				1	2		4				11	other electric/gas/water service
011704	tobacco products			3		1			1	1		1								2					9	tobacco products
020209	other quarrying							3	1	1		1				1			1	1					9	other quarrying
020309	other mining			1				2	1		1		1		1		1		1						9	other mining
030101	hydroelectric plant construction work			2									1	1	1		1		1	1	1				9	hydroelectric plant construction work
030103	subway construction work												1			2					3				6	subway construction work
010502	metal furniture								1							2	1			1					5	metal furniture
150104	cremation service								1		1				1										3	cremation service
010201	silk-reeling			1												1									2	silk-reeling
020302	petroleum mining			1								1													2	petroleum mining
020101	general coal mining			1																					1	general coal mining
020109	other coal mining											1													1	other coal mining
020301	metal mining															1									1	metal mining
	total			4,760		5,048		5,151	5,575	5,476	5,467	5,088	4,992	5,133	5,118	4,986	5,337	5,320	5,618	5,786	5,950	6,270	6,343	6,597	104,015	total

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