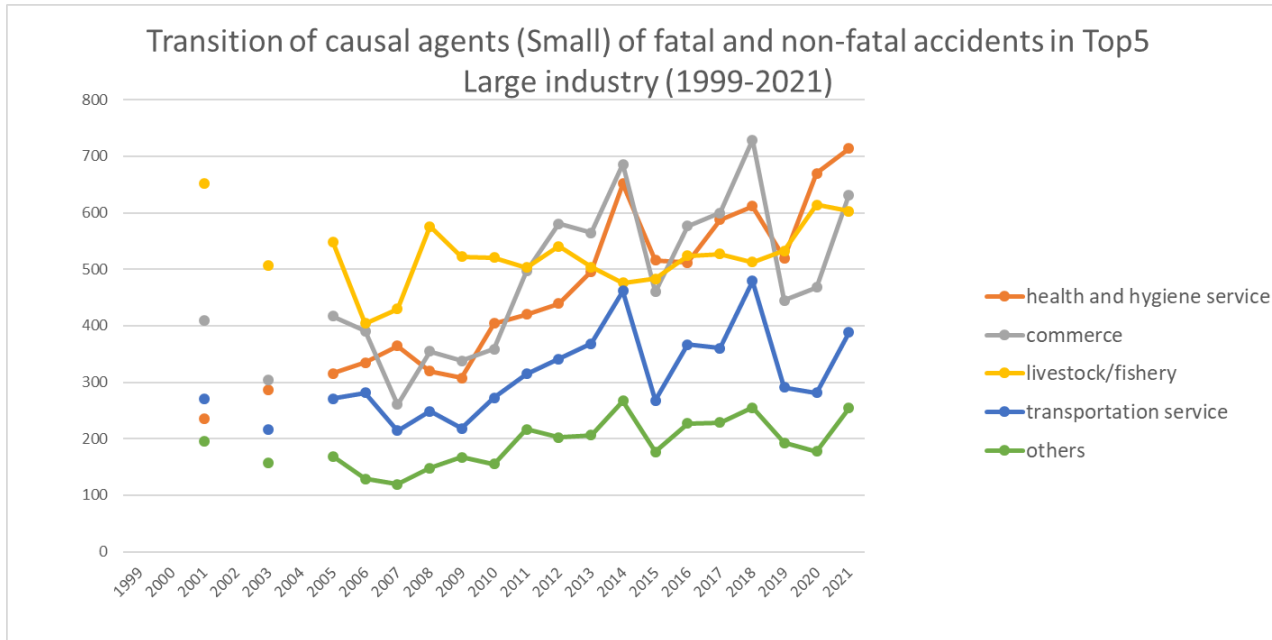
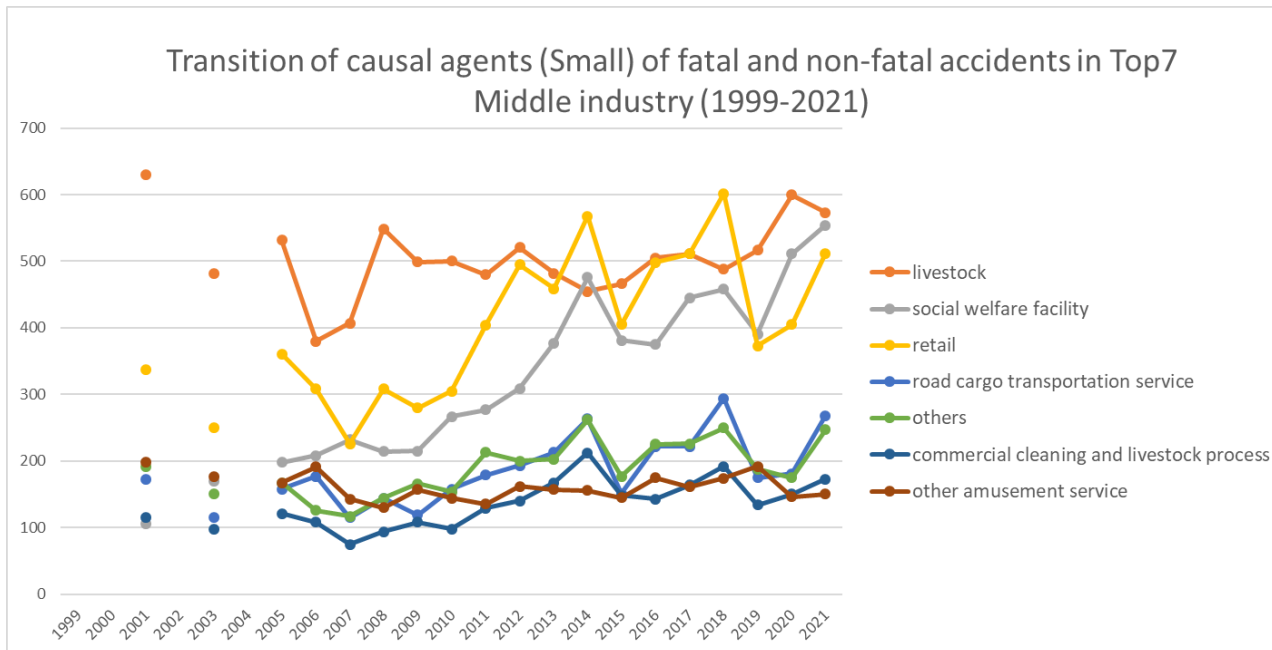


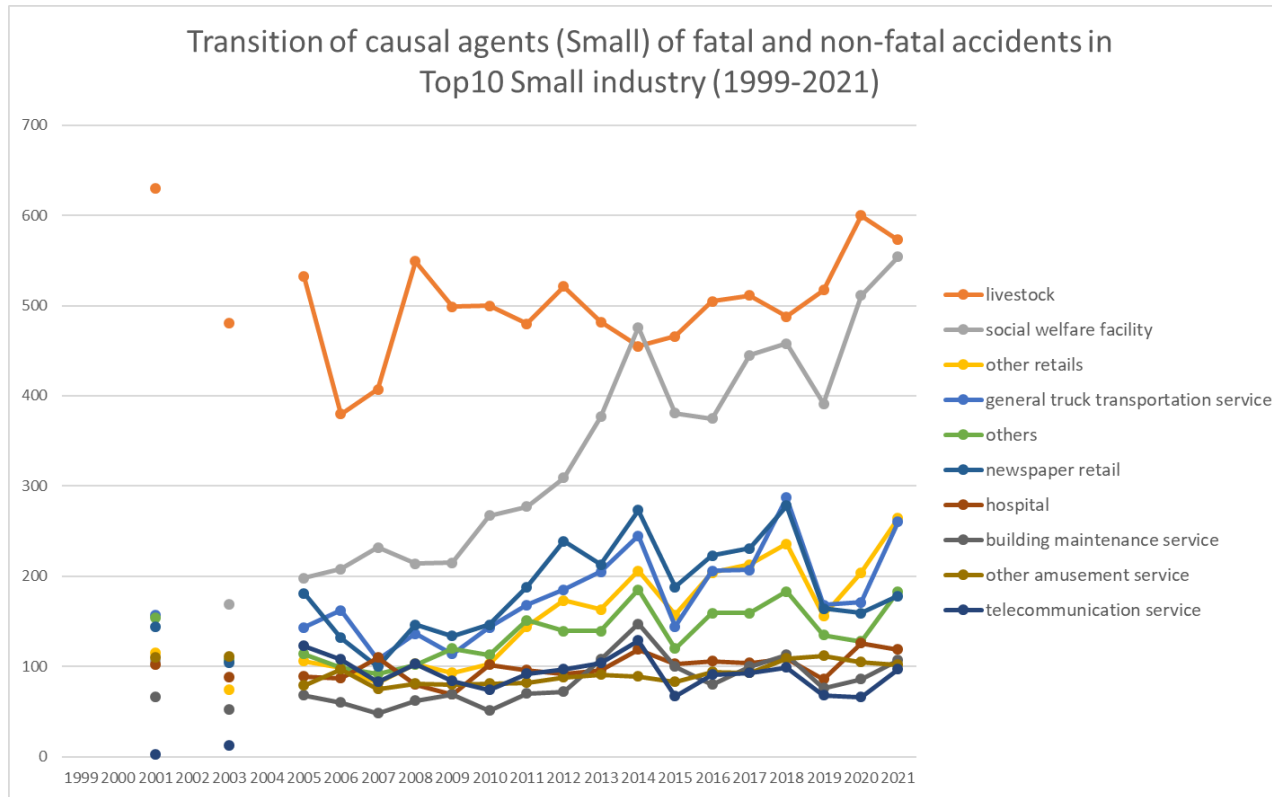
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments 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
13	health and hygiene service			235		286		316	335	364	320	308	404	420	439	496	652	516	512	588	612	520	670	714	8,707	health and hygiene service
08	commerce			409		304		417	391	261	355	338	359	497	581	565	686	460	577	600	729	445	468	632	9,074	commerce
07	livestock/fishery			652		507		549	404	430	576	522	521	503	541	504	476	483	524	527	513	533	614	603	9,982	livestock/fishery
04	transportation service			271		216		271	281	214	249	218	273	315	341	368	462	268	367	360	479	291	281	388	5,913	transportation service
17	others			196		158		169	129	119	148	167	155	217	202	206	267	177	227	229	255	193	178	254	3,646	others
14	hotel/restaurant/amusement service			305		247		263	262	210	198	227	228	230	261	278	288	250	265	253	290	284	223	248	4,810	hotel/restaurant/amusement service
01	manufacturing			270		206		249	222	162	189	135	181	274	296	293	339	199	277	287	364	186	209	245	4,583	manufacturing

03	construction			228		145		188	217	112	143	101	131	176	209	217	224	186	158	195	202	159	166	190	3,347	construction
15	commercial cleaning and livestock process			115		97		121	108	75	94	108	98	129	140	167	212	148	143	164	192	134	150	173	2,568	commercial cleaning and livestock process
06	agriculture			89		112		85	71	76	72	84	102	73	89	95	86	84	80	79	96	85	108	99	1,665	agriculture
11	telecommunication service			3		12		123	108	83	103	84	74	92	97	104	129	67	91	93	99	68	66	97	1,593	telecommunication service
12	education/research service			19		27		48	35	36	35	35	40	37	41	61	55	46	53	60	62	55	59	68	872	education/research service
09	financial business/advertisement			31		36		29	24	18	19	17	25	31	32	34	41	26	36	32	45	17	17	22	532	financial business/advertisement
05	cargo handling service			12		7		8	7	5	11	4	8	14	12	11	15	9	6	12	22	11	11	17	202	cargo handling service
02	mining			8		2		4	3	2	2	2	3	8	5	4	9	3	2	3	4	2	3	3	72	mining
10	movie/play service			2		1		3	3	2			2	3	2			1		1	1	5	3	34	movie/play service	
16	public office			6		5		5	5	5	1	1	4	2	6	1	1	2	2	2	3	3	2	2	58	public office
	total			2,851		2,368		2,848	2,605	2,174	2,515	2,351	2,608	3,021	3,294	3,407	3,944	2,924	3,321	3,484	3,968	2,987	3,230	3,758	57,658	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments 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
0701	livestock			630		481		532	380	407	549	499	500	480	521	482	455	466	505	511	488	517	600	573	9,576	livestock
1302	social welfare facility			106		169		198	208	232	214	215	267	277	309	377	476	381	375	445	458	391	511	554	6,163	social welfare facility
0802	retail			337		250		361	308	226	308	280	305	404	495	459	568	405	498	511	602	373	405	512	7,607	retail
0403	road cargo transportation service			173		115		158	177	115	144	119	158	179	193	213	263	151	222	222	294	175	181	268	3,520	road cargo transportation service
1702	others			192		151		167	126	117	144	166	154	213	200	203	262	177	225	226	250	188	175	247	3,583	others
1501	commercial cleaning and livestock process			115		97		121	108	75	94	108	98	129	140	167	212	148	143	164	192	134	150	173	2,568	commercial cleaning and livestock process
1403	other amusement service			198		177		167	191	143	130	157	144	135	162	157	156	145	175	161	174	192	146	150	3,060	other amusement service
1301	medical treatment service			122		105		108	114	125	97	87	124	130	119	112	160	122	120	127	135	115	155	150	2,327	medical treatment

																										service
0101	food products			99		75		92	90	69	79	67	73	91	129	119	120	92	110	127	117	73	84	102	1,808	food products
0402	road passenger transport service			76		73		93	79	72	87	83	101	113	121	139	173	97	118	110	155	94	83	98	1,965	road passenger transport service
1101	telecommunication service			3		12		123	108	83	103	84	74	92	97	104	129	67	91	93	99	68	66	97	1,593	telecommunication service
0301	civil engineering work			118		67		78	94	49	52	47	65	76	91	91	92	81	54	83	79	61	73	75	1,426	civil engineering work
0302	construction work			83		53		80	103	48	65	38	53	66	87	86	94	73	64	75	77	52	65	73	1,335	construction work
1201	education/research service			19		27		48	35	36	35	35	40	37	41	61	55	46	53	60	62	55	59	68	872	education/research service
0601	agriculture			21		30		31	25	32	15	21	34	28	33	45	47	43	38	36	58	54	57	62	710	agriculture
0801	wholesale			56		38		38	51	22	29	40	30	48	44	61	64	28	49	59	78	47	40	60	882	wholesale
0804	other commerce			13		15		16	30	9	16	18	23	42	39	40	49	22	28	25	42	21	19	56	523	other commerce
1401	hotel			59		46		51	31	35	42	36	38	53	55	61	64	60	41	41	50	47	28	53	891	hotel
1402	restaurant			48		24		45	40	32	26	34	46	42	44	60	68	45	49	51	66	45	49	45	859	restaurant
0303	other construction works			27		25		30	20	15	26	16	13	34	31	40	38	32	40	37	46	46	28	42	586	other construction works
0602	forestry			68		82		54	46	44	57	63	68	45	56	50	39	41	42	43	38	31	51	37	955	forestry
0702	fishery			22		26		17	24	23	27	23	21	23	20	22	21	17	19	16	25	16	14	30	406	fishery
0117	other manufacturing			21		23		19	24	24	14	12	23	30	28	33	44	28	28	27	39	28	33	25	503	other manufacturing
0901	financial business			30		33		24	20	17	17	13	20	25	29	29	39	23	24	24	35	13	15	20	450	financial business
0401	railroad/water transportation/airline service			21		27		18	21	27	18	14	11	18	24	15	25	18	27	24	25	22	17	20	392	railroad/water transportation/airline service
0114	electrical equipment products			17		11		18	18	8	14	6	8	20	23	20	25	13	19	14	33	12	16	20	315	electrical equipment products
0112	metal products			19		13		15	13	15	12	8	6	22	15	18	21	10	26	24	33	10	20	17	317	metal products
0108	chemical products			14		16		10	10	6	13	7	11	20	18	15	25	4	22	20	22	8	7	15	263	chemical products
0113	machine products			9		12		14	11	4	11	9	8	16	25	12	23	13	17	11	19	12	8	14	248	machine products

0501	land cargo handling service			9	3	3	6	2	7	3	7	9	7	8	12	7	3	8	19	8	8	11	140	land cargo handling service
0109	sand and stone products			18	13	18	10	3	6	5	15	21	19	20	11	7	13	18	20	10	5	10	242	sand and stone products
1303	other health and hygiene service			7	12	10	13	7	9	6	13	13	11	7	16	13	17	16	19	14	4	10	217	other health and hygiene service
0104	wood products			16	14	13	8	9	8	2	7	10	7	8	16	4	9	17	15	4	6	10	183	wood products
0116	electric/gas/water service			11	2	14	5	5	5	4	2	6	3	3	6	4	6	4	11	9	3	10	113	electric/gas/water service
1701	dispatch service			4	7	2	3	2	4	1	1	4	2	3	5		2	3	5	5	3	7	63	dispatch service
0115	transport equipment products			6	10	13	5	6	5	4	11	15	14	13	16	11	12	11	34	7	10	6	209	transport equipment products
0502	harbor transportation service			3	4	5	1	3	4	1	1	5	5	3	3	2	3	4	3	3	3	6	62	harbor transportation service
0103	fiber products			12	4	6	5	4	9	2	2	3	4	14	6	2	2	1	5		3	4	88	fiber products
0803	haircut/beauty salon			3	1	2	2	4	2		1	3	3	5	5	5	2	5	7	4	4	4	62	haircut/beauty salon
0107	printing/bookbinding			5	3	1	4		3	4	3	2	1	4	5	3	3	2	6	1	6	4	60	printing/bookbinding
0202	quarrying			8	1	4	3	1	2	2	3	8	4	4	9	3	2	3	2	2	3	3	67	quarrying
0106	pulp/paper processing products			8	1	5	6	1	3	1	3	4	4	4	7	3	1	3	3	3	1	3	64	pulp/paper processing products
1001	movie/play service			2	1	3	3	2			2	3	2	3	2		1		1	1	5	3	34	movie/play service
0902	advertisement and mediator			1	3	5	4	1	2	4	5	6	3	5	2	3	12	8	10	4	2	2	82	advertisement and mediator
1601	public office			6	5	5	5	5	1	1	4	2	6	1	1	2	2	2	3	3	2	2	58	public office
0110	steel making			7		3	2	3		2	4	6	1	2	4	2	3	2	2	1	3	2	49	steel making
0404	other transportation service			1	1	2	4			2	3	5	3	1	1	2		4	5			2	36	other transportation service
0105	furniture			4	6	3	5	3	1		1	1	1	5	4	1	4	2	1	3	1	1	47	furniture
0102	textile products			2	1	3	4	1	3	1	3	6	2	1	4			2	3	3	2	1	42	textile products

0111	nonferrous metal making			2		2		2	2	1	3	1	1	1	2	2	2	2	2	2	1	2	1	1	32	nonferrous metal making
0203	other mining					1				1					1						1				4	other mining
0201	coal mining																				1				1	coal mining
	total			2,851		2,368		2,848	2,605	2,174	2,515	2,351	2,608	3,021	3,294	3,407	3,944	2,924	3,321	3,484	3,968	2,987	3,230	3,758	57,658	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 719 other environments 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
070101	livestock			630		481		532	380	407	549	499	500	480	521	482	455	466	505	511	488	517	600	573	9,576	livestock
130201	social welfare facility			106		169		198	208	232	214	215	267	277	309	377	476	381	375	445	458	391	511	554	6,163	social welfare facility
080209	other retails			115		74		106	99	82	103	93	103	144	173	163	206	157	204	213	236	156	204	264	2,895	other retails
040301	general truck transportation service			157		107		143	162	108	136	114	143	168	185	205	245	144	206	207	287	168	171	260	3,316	general truck transportation service
170209	others			154		107		114	99	92	102	120	113	151	139	139	185	120	159	159	183	135	128	183	2,582	others
080205	newspaper retail			144		104		181	132	100	146	134	146	188	239	213	273	188	223	231	278	164	159	178	3,421	newspaper retail
130101	hospital			102		88		89	87	110	80	69	102	96	92	96	119	103	106	104	109	86	126	119	1,883	hospital
150101	building maintenance service			66		52		68	60	48	62	69	51	70	72	108	147	100	80	100	113	76	86	107	1,535	building maintenance service
140309	other amusement service			110		111		79	97	75	81	80	81	82	88	91	89	83	94	93	109	112	105	102	1,762	other amusement service
110101	telecommunication service			3		12		123	108	83	103	84	74	92	97	104	129	67	91	93	99	68	66	97	1,593	telecommunication service
120109	other education/research service			19		25		44	32	32	34	31	36	34	38	55	52	46	51	55	54	54	54	64	810	other education/research service
040201	taxi service			54		53		68	51	48	61	59	67	69	87	97	122	69	75	66	89	62	51	63	1,311	taxi service
170201	security service			37		44		50	27	24	42	44	38	59	59	63	74	54	63	65	62	51	47	62	965	security service
060101	agriculture			21		30		31	25	32	15	21	34	28	33	45	47	43	38	36	58	54	57	62	710	agriculture
080109	other wholesale			46		36		30	45	21	27	39	28	44	42	54	59	26	46	57	73	42	38	58	811	other wholesale
140101	hotel			59		46		51	31	35	42	36	38	53	55	61	64	60	41	41	50	47	28	53	891	hotel
030199	other civil engineering work			64		37		48	45	24	28	31	43	49	55	51	49	52	33	48	44	32	44	47	824	other civil engineering work

030109	engineering work			9		3		4	7	3	2	3	5	3	5	7	13	4	2	5	7	2	3	5	92	engineering work
030107	river civil engineering work			11		3		5	3	1	4	2	3	2	5	4	2	4	7	6	6	5	2	5	80	river civil engineering work
130301	bathroom			3		4		3	3	1	1		3	6	3	2	1	3	5	7	8	6	1	5	65	bathroom
011601	electric utility service			5				3	2	2	1	1	2	5	1	1	2	3	2	1	4	6		5	46	electric utility service
011502	auto mobile products			3		7		9	3	4	3	2	9	8	13	8	10	8	6	8	28	3	2	4	138	auto mobile products
011409	other electrical equipment			9		5		4	7	3	3	2	1	4	12	8	13	4	7	6	10	3	4	4	109	other electrical equipment
040302	specific truck transportation service			6		5		9	13	4	5	2	6	3	4	5	9	2	11	9	6	2	4	4	109	specific truck transportation service
090101	banking/trust business			4		3		6	3	5	2	3	3	9	6	3	11	3	3	7	7	3	3	4	88	banking/trust business
030302	machinery/apparatus setting work			3		5		5	2	2	3	3		14	4	1	6	3		5	5	5	5	4	75	machinery/apparatus setting work
040309	other land cargo transportation service			9		3		5	2	2	3	3	7	4	4	3	8	4	2	4	1	1	5	4	74	other land cargo transportation service
040209	other passenger transport service			4		1		2		2	3	2	2	2		4	2	3	4	3	1		2	4	41	other passenger transport service
010803	pharmaceuticals					1		1	2			1		3	1	1	6		4		1	2	1	4	28	pharmaceuticals
030203	building facility construction work			12		9		6	13	2	10	3	8	6	8	11	10	9	4	11	9	2	4	3	140	building facility construction work
010401	lumbering			10		10		4	3	4	3	2	4	4	3	5	4	3	2	8	5	2	2	3	81	lumbering
050202	port cargo handling service			3		3		5	1	2	3	1	1	4	3	2	2	1	3	3	2	3	2	3	47	port cargo handling service
080302	beauty salon			3		1		1	2	3	1		1	3	2	5	5	4	1	2	4	2	4	3	47	beauty salon
010701	printing service			4		3		1	4		1	3	3	2		3	2	2	3	1	5	1	5	3	46	printing service
011402	electrical appliance			1				6	6	2	1		2	3		1	1	1	5	3	4	2	3	3	44	electrical appliance
120101	auto mobile practical training					2		3	3	3	1	3	1		3	4	2		2	4	7		3	3	44	auto mobile practical training
011602	city gas service			4		1		9	2	2	2			1		2	1		2	3	5	1	1	3	39	city gas service
010801	non organic or organic chemical products			2		3		2	1	2		2	2	3	1	3	1	1	3		1	1	1	3	32	non organic or organic chemical products
100109	other movie/play service					1		3	1	2				3			1		1		1	1	5	3	22	other movie/play service

011709	other manufacturing			7		7		5	8	6	2	3	4	10	6	8	13	5	8	8	12	6	6	2	126	other manufacturing
030110	water supply/sewage construction work			10		3		2	7	6	5	2	6	5	2	3	3	1		2	4	1	1	2	65	water supply/sewage construction work
090209	other advertisement and mediator					2		4	3	1		3	5	4	2	3	2	1	9	6	7	4	1	2	59	other advertisement and mediator
160101	public office			6		5		5	5	5	1	1	4	2	6	1	1	2	2	2	3	3	2	2	58	public office
010301	over/under wear			7		3		2	3	1	4	1	1	1	3	10	4				4			2	46	over/under wear
011702	machine repair			1		3		2	2	3	1	1	2	5	3	3	5	3		1	2	3	4	2	46	machine repair
010309	other fiber products			5		1		4	2	3	5	1	1	2	1	4	2	2	2	1	1		3	2	42	other fiber products
011501	ship building			2		3		2	1	1	1	1	2	3		4	1	1	3		3	3	5	2	38	ship building
040409	other transportation service			1		1		2	4			2	3	5	3	1	1	2		4	5			2	36	other transportation service
170202	information processing service			1				3		1		2	3	3	2	1	3	3	3	2	5	2		2	36	information processing service
010602	paper processing products			2		1		2	2	1	3		2		3	2	5	1	1	1	2		1	2	31	paper processing products
020202	gravel digging			3				2	2	1	2		1	4	2	2	2	1	1	1	1	2	2	2	31	gravel digging
011203	metal press products					1			1					1	2	2	2	2	2	2	5	1	3	2	26	metal press products
030104	railway construction work			1						1	1		1		3		2	1	4	1		2	3	2	22	railway construction work
050209	other harbor transportation service										1			1										2	4	other harbor transportation service
010909	other sand and stone products			4		4		6	4	1	2	1	2	3	5	6	3	3	2	6	7	5	2	1	67	other sand and stone products
080101	all kinds of wholesale			8		2		7	5	1	2	1	2	4	2	6	4	1	2	1	4	4	1	1	58	all kinds of wholesale
010899	other chemical products			4		2		1	2	1	3		2		4	2	1	1	4	1	6	1	2	1	38	other chemical products
030108	sand collapse prevention civil engineering work			4		2		3	1	3			1	1	1	3	2	2		4	2	1		1	31	sand collapse prevention civil engineering work
020201	quarrying			4		1			1			2	1	4	1	2	6	2	1	2	1		1	1	30	quarrying
080203	furniture/fittings retail			1		4		2	1	2		1		2		4	1	2	1	4		2	1	1	29	furniture/fittings retail
010402	plywood			2				3	2	2			1	1	1	2	6		2	3			2	1	28	plywood
011303	optical instruments			2				1	2	1	1	2		2	3	1	2		1	2	2	3	1	1	27	optical instruments

090102	business																						1	1	business	
040103	airline service			6	7	6	1	15	11	2		2	2		3		6	4		8	2			75	airline service	
030102	tunnel construction work				1	1	22	1				2					1	2	2					32	tunnel construction work	
010501	wood furniture			3	3	1	2	1	1		1	1	1	4	3	1	1	1	1	2	1			28	wood furniture	
030111	port/seaside construction work			2	1	2	3	1	1	3	1	1		2	3	1	1	1	3	1	1			28	port/seaside construction work	
011509	other transport equipment products			1		2	1		1	1		3		1	4	2	3	3	1	1	3			27	other transport equipment products	
011002	casting products			2		3	2	1		2	2	5	1	1	1	2	2	1	1					26	casting products	
011305	other precision machine products						1	1	1			1	3	2	2	4	3	1	2	4				25	other precision machine products	
010209	other textile products			1		2	3		2	1	2	2		1	2			1	1	3	2			23	other textile products	
090201	traveling service			1	1	1	1		2	1		2	1	2		2	3	2	3		1			23	traveling service	
010601	pulp/paper			4		2	1			1		4	1	1	1	2		2	1	1				21	pulp/paper	
040303	cargo/ light automobile transportation service			1		1		1			2	4			1	1	3	2		4	1			21	cargo/ light automobile transportation service	
010804	petroleum/coal products			2	2	1						2	1	3	1		2	1		1				16	petroleum/coal products	
011401	heavy electrical equipment				2						1	2		1	1	1	1		1	1				11	heavy electrical equipment	
100101	movie production and delivery service			2			2				2		2	2	1										11	movie production and delivery service
030101	hydroelectric plant construction work					1	1	1		2	1					1				1	1			9	hydroelectric plant construction work	
010807	leather products			1		1			1					2	1	1		1						8	leather products	
010808	painting products						1	1				1	1	1	1			2						8	painting products	
010903	pottery products				1	1					1	2					1	2						8	pottery products	
011302	measuring instruments											1	1		2	1	1	2						8	measuring instruments	
010204	dyeing			1	1				1			2	1						1					7	dyeing	
150104	cremation service				1		1					1			1		1	1	1					7	cremation service	

010702	bookbinding										1	1					2	1			1						6	bookbinding		
010802	chemical fiber				1								2				1			2								6	chemical fiber	
011101	nonferrous metals/rolling products			1							1	1					1		1	1								6	nonferrous metals/rolling products	
011102	nonferrous metals casting products							1	1								1											6	nonferrous metals casting products	
011202	screw products										1			1		1	1			1					1			6	screw products	
011503	railway vehicle products								1					1	1		1											6	railway vehicle products	
020209	other quarrying			1				2					1		1		1											6	other quarrying	
010502	metal furniture				1				1										1	1								5	metal furniture	
010503	fittings				1		1		1								1			1								5	fittings	
010905	other ceramic products				1				1					1	1													5	other ceramic products	
010202	cotton-spinning													1	1		2											4	cotton-spinning	
020309	other mining				1				1																			4	other mining	
010904	fire resisting products							1																				3	fire resisting products	
011201	western tableware/cutting tool products																											3	western tableware/cutting tool products	
011304	watch products																2	1										3	watch products	
011704	tobacco products			1					1								1											3	tobacco products	
030103	subway construction work																1											2	subway construction work	
020101	general coal mining																											1	general coal mining	
100102	movie theatre																1											1	movie theatre	
010201	silk-reeling																													silk-reeling
020109	other coal mining																													other coal mining
020301	metal mining																													metal mining
020302	petroleum mining																													petroleum mining
	total			2,851		2,368		2,848	2,605	2,174	2,515	2,351	2,608	3,021	3,294	3,407	3,944	2,924	3,321	3,484	3,968	2,987	3,230	3,758	57,658		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