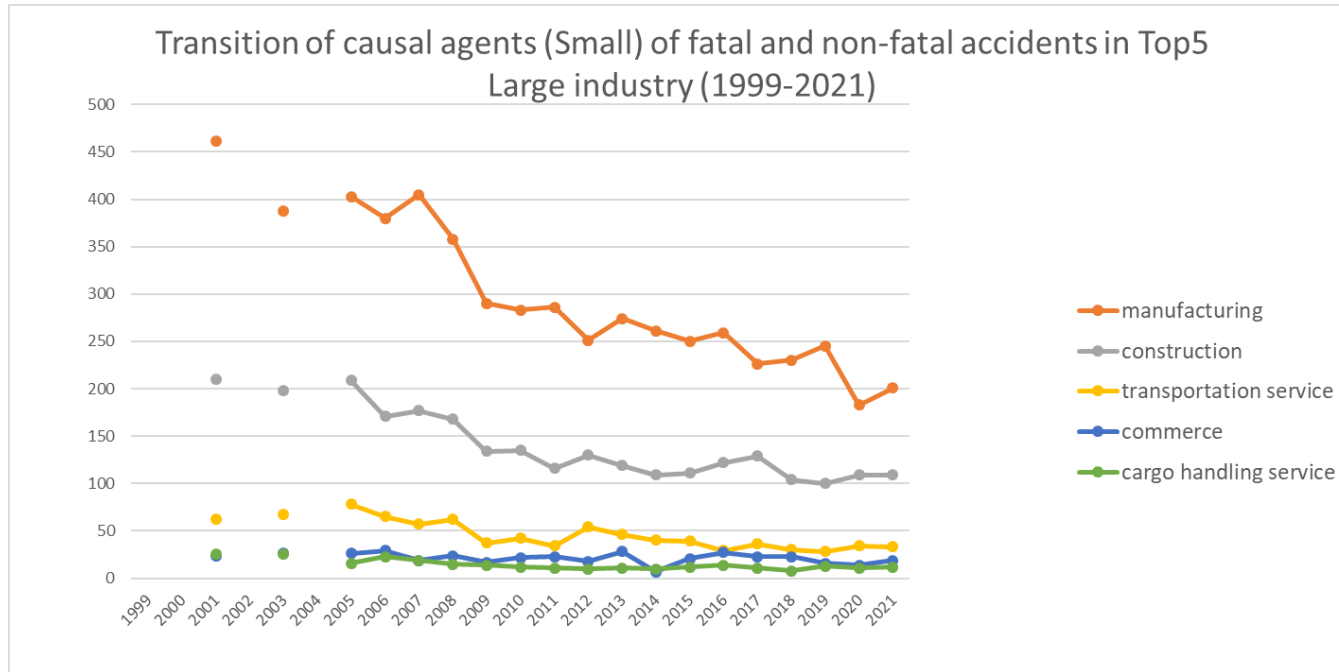
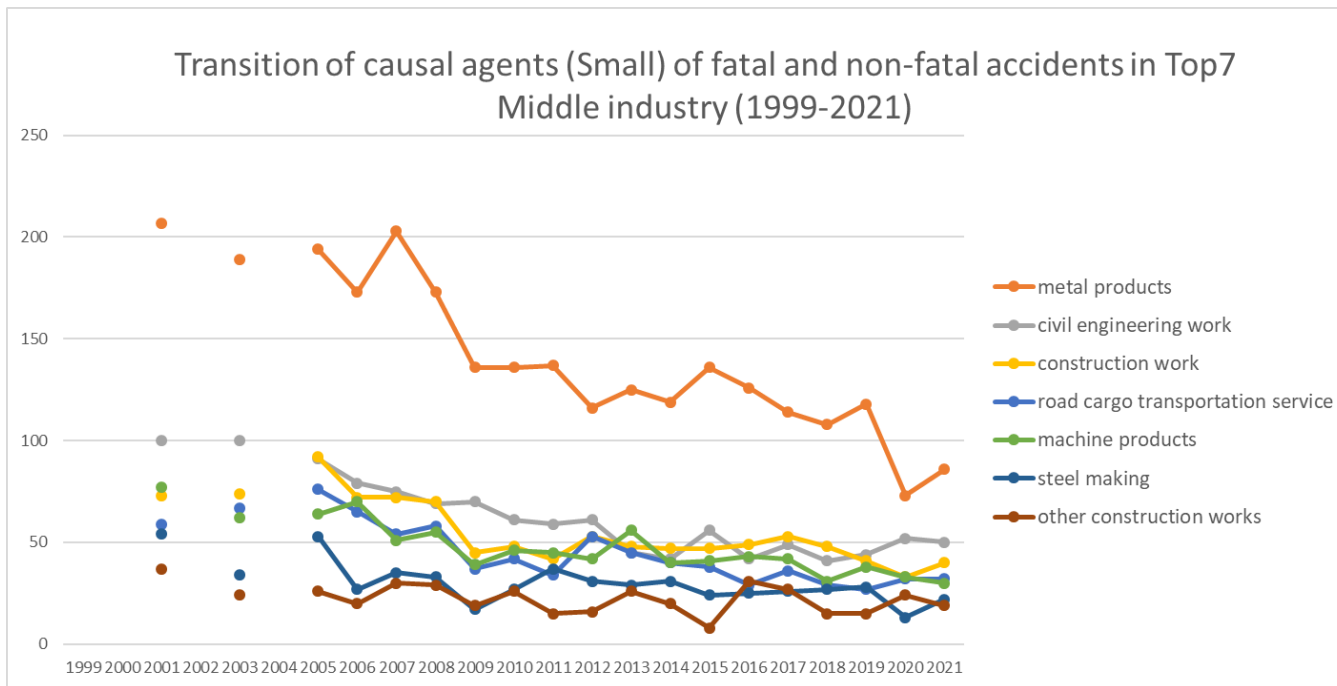


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool (1999-2021)

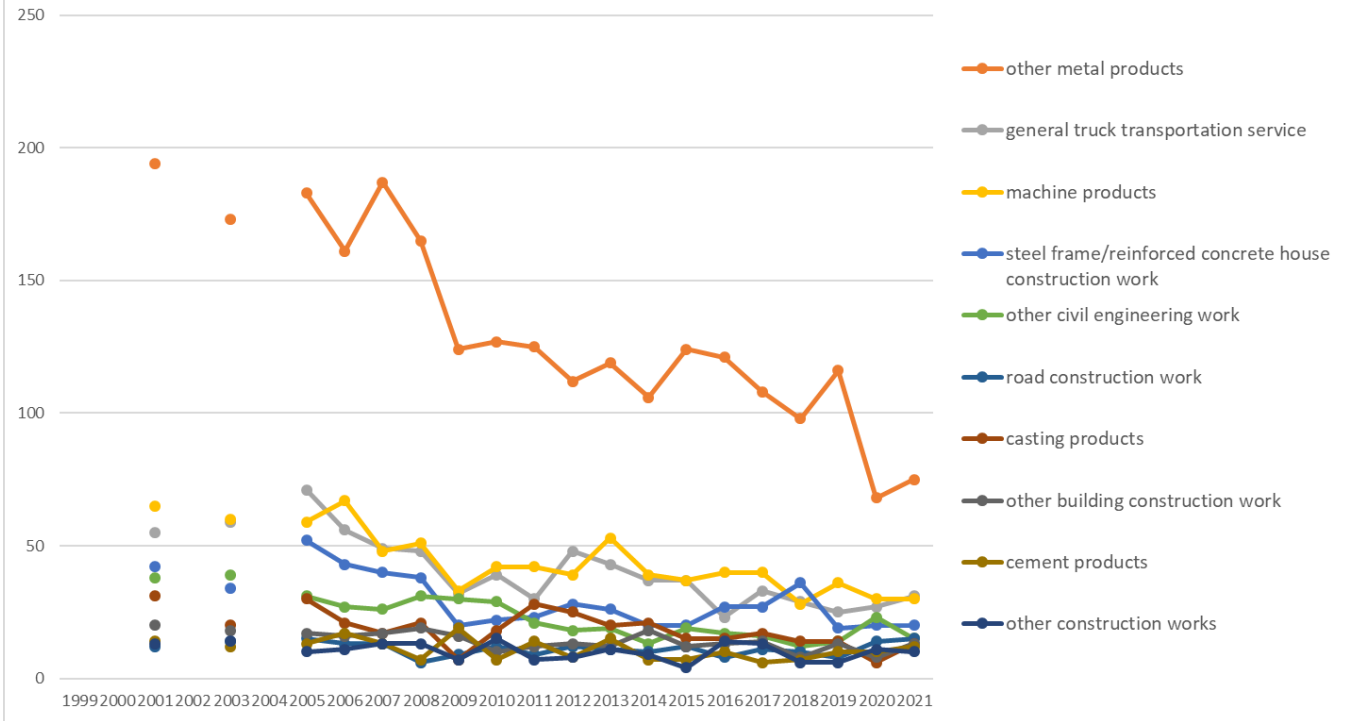


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool 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. 372 slinging tool in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool 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
01	manufacturing			461		388		403	380	405	358	290	283	286	251	274	261	250	259	226	230	245	183	201	5,634	manufacturing
03	construction			210		198		209	171	177	168	134	135	116	130	119	109	111	122	129	104	100	109	109	2,660	construction
04	transportation service			62		67		78	65	57	62	37	42	34	54	46	40	39	29	36	30	28	34	33	873	transportation service
08	commerce			24		26		26	29	19	24	17	22	23	18	28	7	21	27	23	23	16	14	19	406	commerce
05	cargo handling service			25		25		16	23	19	15	14	12	11	10	11	10	12	14	11	8	13	11	12	272	cargo handling service
15	commercial cleaning and livestock process			8		9		3	12	10	5	4	3	4	1	7	4	3	9	7	5	7	4	8	113	commercial cleaning and livestock process
17	others			4		10		9	6	5	5	6	9	3	5	3	3	3	1	2	2	1	2	5	84	others

06	agriculture			9		11		7	11	4	7	8	5	2	6	5	9	5	4	3	4	3	5	4	112	agriculture	
07	livestock/fishery			6		3		3	5	4		2	3	1	4	2	2	3		3	2	1	4	1	49	livestock/fishery	
02	mining			5		4		4	2	4	3	4		1	1	1	1	1	2	2	5	2	2	1	45	mining	
14	hotel/restaurant/amusement service			1		2			1			1	1		1	1	2	1	1	1	2	1		1	17	hotel/restaurant/amusement service	
13	health and hygiene service											1			2						1	1	1		6	health and hygiene service	
09	financial business/advertisement								1					1											2	financial business/advertisement	
12	education/research service												1									1			2	education/research service	
16	public office																		1						1	public office	
10	movie/play service																										movie/play service
11	telecommunication service																										telecommunication service
	total			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369	394	10,276	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool 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
0112	metal products			207		189		194	173	203	173	136	136	137	116	125	119	136	126	114	108	118	73	86	2,669	metal products
0301	civil engineering work			100		100		91	79	75	69	70	61	59	61	45	42	56	42	49	41	44	52	50	1,186	civil engineering work
0302	construction work			73		74		92	72	72	70	45	48	42	53	48	47	47	49	53	48	41	33	40	1,047	construction work
0403	road cargo transportation service			59		67		76	65	54	58	37	42	34	53	45	40	38	29	36	29	27	32	32	853	road cargo transportation service
0113	machine products			77		62		64	70	51	55	39	46	45	42	56	40	41	43	42	31	38	33	30	905	machine products
0110	steel making			54		34		53	27	35	33	17	27	37	31	29	31	24	25	26	27	28	13	22	573	steel making
0303	other construction works			37		24		26	20	30	29	19	26	15	16	26	20	8	31	27	15	15	24	19	427	other construction works
0109	sand and stone products			23		23		19	26	29	17	25	13	20	10	21	13	14	14	8	8	18	16	18	335	sand and stone

																									products
0115	transport equipment products		47	37	29	40	40	46	42	23	26	30	19	26	13	21	16	29	23	29	13	549	transport equipment products		
0108	chemical products		9	8	7	9	6	4	6	9	4	4	2	6	5	8	6	6	7	3	11	120	chemical products		
0117	other manufacturing		16	15	12	13	14	16	11	12	5	5	6	6	6	5	4	8	8	7	10	179	other manufacturing		
0801	wholesale		11	16	12	13	9	8	4	7	12	7	13	1	10	13	11	9	5	8	10	179	wholesale		
0502	harbor transportation service		19	18	11	15	14	12	13	8	9	5	10	8	9	9	9	7	7	7	8	198	harbor transportation service		
1501	commercial cleaning and livestock process		8	9	3	12	10	5	4	3	4	1	7	4	3	9	7	5	7	4	8	113	commercial cleaning and livestock process		
0804	other commerce		6	5	5	10	6	6	9	9	5	8	3	2	4	7	6	9	3	5	5	113	other commerce		
1702	others		4	10	9	6	4	5	5	9	3	5	3	3	3	1	2	2	1	2	5	82	others		
0101	food products		4	2	5	7	4	1	2	2	2	3	2	3	2	5	3	2		1	5	55	food products		
0802	retail		7	5	9	6	4	10	4	6	6	3	12	4	7	7	6	5	8	1	4	114	retail		
0501	land cargo handling service		6	7	5	8	5	3	1	4	2	5	1	2	3	5	2	1	6	4	4	74	land cargo handling service		
0111	nonferrous metal making		7	5	8	5	6	3	3	5	7	4	4	5	2	3	1	3	1	2	3	77	nonferrous metal making		
0114	electrical equipment products		9	5	4	3	7	1	3	2	1	4	4	6	2	4	3	2	2	3	3	68	electrical equipment products		
0601	agriculture		5		1	3	1	2	2	3		2	2	6	1	2		2	2		3	37	agriculture		
0602	forestry		4	11	6	8	3	5	6	2	2	4	3	3	4	2	3	2	1	5	1	75	forestry		
0202	quarrying		5	3	4	2	4	3	4		1	1	1	1	1	2	2	4	2	2	1	43	quarrying		
0401	railroad/water transportation/airline service		2		1		2	2										1	1		1	11	railroad/water transportation/airline service		
1403	other amusement service			1					1					1	2	1		1		1		9	other amusement service		

0701	livestock										1			1					1				1	4	livestock	
0104	wood products			2		5		6	4	7	1	3	4	2	1	3	4	4	1	1	5				53	wood products
0702	fishery			6		3		3	5	4		1	3	1	3	2	2	3		2	2	1	4		45	fishery
0106	pulp/paper processing products			1					2	1	5	1	1			1		1	4				1		18	pulp/paper processing products
0102	textile products			1		1		1	1		1	2	2		1		1			2		1	1		15	textile products
0404	other transportation service			1				1		1	1					1		1					1		7	other transportation service
1402	restaurant					1			1						1				1		2				6	restaurant
0103	fiber products			2												1						1	1		5	fiber products
0107	printing/bookbinding			1				1		1			1							1					5	printing/bookbinding
0105	furniture			1		1										1	1								4	furniture
0116	electric/gas/water service					1				1	2														4	electric/gas/water service
1302	social welfare facility											1				1					1		1		4	social welfare facility
0203	other mining					1															1				2	other mining
0402	road passenger transport service										1												1		2	road passenger transport service
1201	education/research service												1								1				2	education/research service
1301	medical treatment service														1							1			2	medical treatment service
1401	hotel			1											1										2	hotel
1701	dispatch service									1		1													2	dispatch service
0901	financial business														1										1	financial business
0902	advertisement and mediator									1															1	advertisement and mediator

1601	public office																								1										1		public office
0201	coal mining																																				coal mining
0803	haircut/beauty salon																																				haircut/beauty salon
1001	movie/play service																																				movie/play service
1101	telecommunication service																																				telecommunication service
1303	other health and hygiene service																																				other health and hygiene service
	total			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369	394	10,276										total		

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 372 slinging tool 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
011209	other metal products			194		173		183	161	187	165	124	127	125	112	119	106	124	121	108	98	116	68	75	2,486	other metal products
040301	general truck transportation service			55		59		71	56	49	48	32	39	30	48	43	37	37	23	33	29	25	27	31	772	general truck transportation service
011301	machine products			65		60		59	67	48	51	33	42	42	39	53	39	37	40	40	28	36	30	30	839	machine products
030201	steel frame/reinforced concrete house construction work			42		34		52	43	40	38	20	22	23	28	26	20	20	27	27	36	19	20	20	557	steel frame/reinforced concrete house construction work
030199	other civil engineering work			38		39		31	27	26	31	30	29	21	18	19	13	19	17	16	12	14	23	15	438	other civil engineering work
030106	road construction work			12		14		15	13	13	6	9	12	9	12	11	10	12	8	11	10	8	14	15	214	road construction work
011002	casting products			31		20		30	21	17	21	7	18	28	25	20	21	15	15	17	14	14	6	13	353	casting products
030209	other building construction work			20		18		17	16	17	19	16	10	12	13	12	18	12	13	14	8	13	8	13	269	other building construction work
010901	cement products			14		12		13	17	13	7	19	7	14	8	15	7	7	10	6	7	10	10	12	208	cement products
030309	other construction works			13		14		10	11	13	13	7	15	7	8	11	9	4	14	13	6	6	11	10	195	other construction works
080109	other wholesale			9		14		12	12	8	8	4	6	12	7	13	1	10	13	11	9	5	8	10	172	other wholesale

030302	machinery/apparatus setting work			19		6		11	7	14	10	10	9	4	5	9	10	4	14	11	7	9	10	8	177	machinery/apparatus setting work
010805	plastics products			3		4		3	6	3	3	4	2	2	3	2	2	2	4	2	3	6	2	8	64	plastics products
011501	ship building			26		17		17	26	24	28	27	16	12	15	11	11	7	13	6	11	10	13	6	296	ship building
050202	port cargo handling service			17		15		8	12	11	11	11	8	7	4	8	8	8	7	7	5	4	4	6	161	port cargo handling service
011203	metal press products			6		5		2	8	8	4	6	2	6	3	1	6	7	4	4	7		1	6	86	metal press products
150102	industrial waste management service			5		5		1	7	4	3	3	2	2		5		1	7	7	4	5	2	6	69	industrial waste management service
030111	port/seaside construction work			6		4		5	1	2	2	2	2	2	4	4	3	2	3	4	4	3		6	59	port/seaside construction work
011502	auto mobile products			15		14		11	10	11	9	12	4	9	9	3	8	3	6	8	10	6	11	5	164	auto mobile products
010909	other sand and stone products			7		8		6	7	15	10	6	2	5	2	5	6	7	4	2	1	7	5	5	110	other sand and stone products
011001	steel/iron/rolling products			13		11		4	3	4	5	7	3	4	1	6	5	3	5	4	7	5	2	5	97	steel/iron/rolling products
170209	others			4		8		8	6	4	4	4	8	1	3	3	3	3	1	1	2	1	2	5	71	others
011709	other manufacturing			8		3		6	3	5	4	2	5	3	2	2	2	2	2	4	2	1	5	63	other manufacturing	
011009	other steel products			10		3		19	3	14	7	3	6	5	5	3	5	6	5	5	6	9	5	4	123	other steel products
030107	river civil engineering work			4		7		8	8	9	2	8	8	10	5	6	5	4	5	2	3	6	6	4	110	river civil engineering work
080409	other commerce			6		2		5	8	6	4	6	9	5	7	3	1	3	6	5	7	2	4	4	93	other commerce
080209	other retails			6		4		6	6	4	6	1	5	3	3	11	3	5	4	5	5	6	1	4	88	other retails
050101	land cargo handling service			6		7		5	8	5	3	1	4	2	5	1	2	3	5	2	1	6	4	4	74	land cargo handling service
030203	building facility construction work			4		4		4	4	4	5	3	4		1	3	2	4	5	3	1	2	2	4	59	building facility construction work
030202	wooden house construction work			7		18		19	9	11	8	6	12	7	11	7	7	11	4	9	3	7	3	3	162	wooden house construction work
030110	water supply/sewage construction work			17		16		18	16	16	11	7	3	8	11	2	4	6	2	8	4	5	2	3	159	water supply/sewage construction work

020201	quarrying			2		3		2	2	1	3	2			1	1	1	1		3	1		1	24	quarrying	
080401	warehousing					3			2		2	3			1		1	1	1	1	2	1	1	1	20	warehousing
010806	rubber products			2					1		1	1	2	2			1	1	3	2	2			1	19	rubber products
030104	railway construction work			2		3		1	1	2		1	2		1					2		1		1	18	railway construction work
150109	other cleaning and livestock process service			2		1		2	1	2	1	1	1	1	1		2					1		1	17	other cleaning and livestock process service
150101	building maintenance service					2			2	1				1		2	1				1	1		1	12	building maintenance service
030101	hydroelectric plant construction work			2					1		1			1						2	1			1	9	hydroelectric plant construction work
010903	pottery products			1		2				1			1											1	6	pottery products
040102	water transportation service			1				1			1									1	1			1	6	water transportation service
140301	golf course					1									1		1					1		1	5	golf course
070101	livestock										1			1					1					1	4	livestock
030109	land consolidation civil engineering work			7		8		6	5	4	7	4	1	1	5	1	5	5	2	4	1	5	3		74	land consolidation civil engineering work
011305	other precision machine products			12		1		5	3	2	4	6	4	3	2	3	1	4	2	1	2	1	2		58	other precision machine products
040309	other land cargo transportation service			3		2		3	6	3	5	2	2	2	1		3		2	1		1	2		38	other land cargo transportation service
070201	fishery			6		3		1	3	3			3	1	3	2	2	3		1	1	1	3		36	fishery
010401	lumbering			1		4		4		3	1	3	2	1			3	1		1	3				27	lumbering
010409	other lumber and wood products					1		1	4	3			2	1		3	1	3	1		1				21	other lumber and wood products
011401	heavy electrical equipment			3				2	1	1			1		1	2	3	1	2	2			2		21	heavy electrical equipment
020202	gravel digging			2				2		3		2		1	1				1	2	1	1	2		18	gravel digging
011101	nonferrous metals/rolling products								1	1				3	3	1	1	2	1	1					15	nonferrous metals/rolling products

010899	other chemical products			2		1		2				2		1		1	2		1	1		1			14	other chemical products
011503	railway vehicle products			1		1			1	2	2		1				1		1		2	2			14	railway vehicle products
150103	other waste disposal service			1		1			2	3	1					1	1	2					2		14	other waste disposal service
030102	tunnel construction work					1		3			1	3	1		1			1					1		13	tunnel construction work
060209	other forestry					2		1	2						2		1		1	1			2		12	other forestry
080202	auto mobile retail			1				1			2	2	1	2		1	1					1			12	auto mobile retail
170201	security service					2		1			1	1	1	2	2					1					11	security service
011201	western tableware/cutting tool products			1				1	1	1			1			2	1	1		1					10	western tableware/cutting tool products
010103	agricultural food products			2				1	1				1	1			1	1		1					9	agricultural food products
010601	pulp/paper									1	3	1	1						2				1		9	pulp/paper
050209	other harbor transportation service							1	2	1				2								1	2		9	other harbor transportation service
070209	other fishery							2	2	1		1							1	1			1		9	other fishery
011402	electrical appliance			2				1						1		1				1	1				7	electrical appliance
040409	other transportation service			1				1		1	1				1		1					1			7	other transportation service
010101	meat/dairy products								1	1				1	1		1	1							6	meat/dairy products
010209	other textile products			1		1							1		1				1				1		6	other textile products
011302	measuring instruments					1				1				1				1	1	1					6	measuring instruments
080201	all kinds of retail					1		1			2						1			1					6	all kinds of retail
140201	general restaurant					1			1				1				1		2						6	general restaurant
010203	weaving							1				2				1			1						5	weaving
010309	other fiber products			2											1							1	1		5	other fiber products
010402	plywood			1				1		1				1					1						5	plywood
010609	other pulp/paper processing products			1							1				1			2							5	other pulp/paper processing products
030103	subway construction work			1				2					2												5	subway construction work

110101	telecommunication service																									telecommunication service
120101	auto mobile practical training																									auto mobile practical training
120102	software service																									software service
130102	general clinic																									general clinic
130301	bathhouse																									bathhouse
130309	other health and hygiene service																									other health and hygiene service
140209	other restaurants																									other restaurants
140302	park and amusement park																									park and amusement park
150104	cremation service																									cremation service
170202	information processing service																									information processing service
	total			815		743		758	706	704	647	518	516	482	483	497	448	449	468	444	417	418	369	394	10,276	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