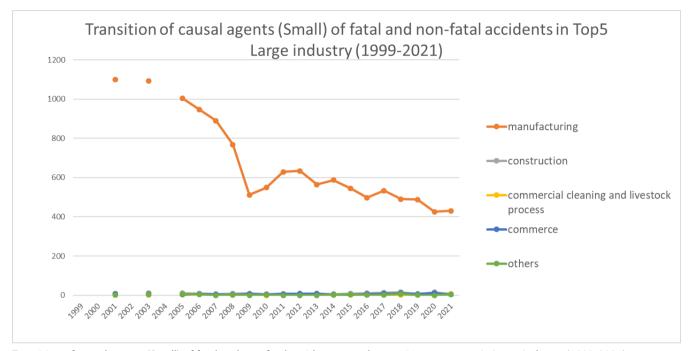
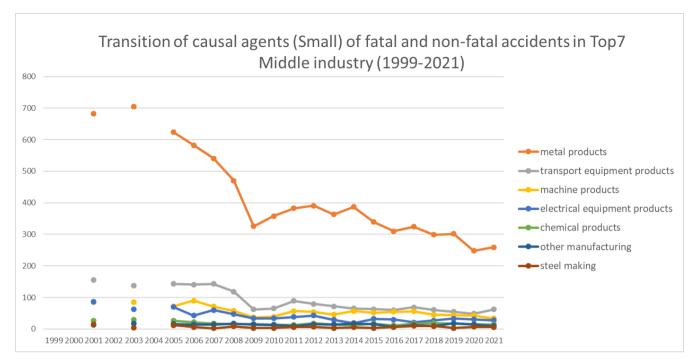
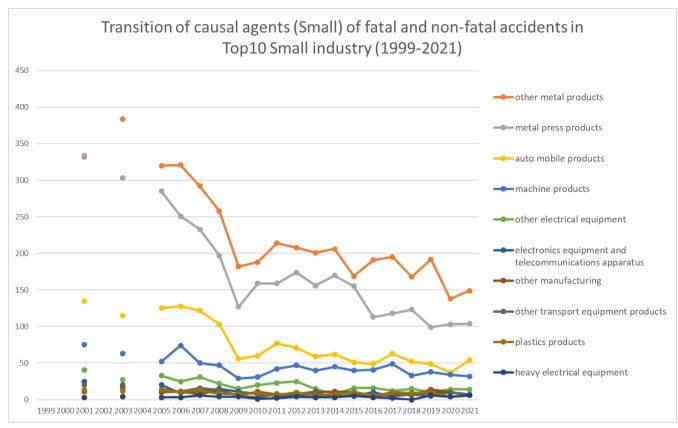
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press 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			1,100		1,092		1,005	948	890	768	512	549	629	634	565	587	545	498	533	490	488	426	430	12,689	manufacturing
03	construction			8		11		10	8	5	8	9	5	7	6	7	5	8	10	13	15	5	15	6	161	construction
15	commercial cleaning and			2		2		2	5	2	2	1		5	2	2	2	2	2	2	1	2	1	5	45	commercial cleaning and
	livestock process								5			•									<u>'</u>		'		7.5	livestock process
08	commerce			6		5		3	7	4	3	5	3	7	8	8	3	3	5	8	10	7	10	4	109	commerce
17	others			1		4		6	4		2		1				2	4	1	2	7	1		4	39	others
04	transportation service			2		1		3	1		1			1		1	2	2	1		1			2	18	transportation service
13	health and hygiene service					1					1					1	1	1							5	health and hygiene service
						i																				

05	cargo handling service						1			1		1	1									4	cargo handling service
12	education/research service						2															2	education/research service
02	mining																						mining
06	agriculture																						agriculture
07	livestock/fishery																						livestock/fishery
09	financial																						financial
09	business/advertisement																						business/advertisement
10	movie/play service																						movie/play service
11	telecommunication service																						telecommunication service
14	hotel/restaurant/amusement																						hotel/restaurant/amusement
14	service																						service
16	public office																						public office
	total		1,119	1,116	1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452	451	13,072	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press 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			682		705		624	583	541	470	326	358	383	391	363	387	339	310	324	299	302	248	259	7,894	metal products
0115	transport equipment products			155		138		143	141	143	118	62	65	89	79	72	65	63	60	69	61	55	49	62	1,689	transport equipment products
0113	machine products			85		85		72	90	71	58	37	39	57	54	46	57	52	55	56	45	44	43	34	1,080	machine products
0114	electrical equipment products			86		63		70	43	60	47	34	34	38	43	29	19	32	30	21	27	33	31	28	768	electrical equipment products
0108	chemical products			27		29		26	22	17	16	16	14	13	18	14	12	17	11	17	19	17	16	14	335	chemical products
0117	other manufacturing			13		18		16	14	14	17	14	13	10	15	14	17	15	7	13	10	18	14	10	262	other manufacturing
0110	steel making			14		4		12	6	2	8	3	3	6	7	3	5	3	6	10	9	3	7	6	117	steel making
0111	nonferrous metal making			11		15		9	16	19	16	9	8	12	9	7	8	6	6	12	7	5	3	5	183	nonferrous metal making

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1501	commercial cleaning and livestock process	2		2	2	3	5	2	2	1		5	2	3	2	2	2	3	1	2	1	5	45	commercial cleaning and livestock process
0302	construction work	6		6	5	8	7	3	4	5	3	5	4	4	3	4	8	11	13	4	10	4	112	construction work
1702	others			3	3	3	2		1						1	4		1	5			4	24	others
0105	furniture	2		9	,	9	13	4	7	1	2	5	6	4	3	4	3	6	2	4	6	3	93	furniture
0802	retail	5		3	3	2	3	2	1	4	3	3	1	4	2		3	2	3	3	6	3	53	retail
0109	sand and stone products	14	1	1	2	13	6	5	7	5	3	5	7	6	5	8	4	1	4	2	2	2	111	sand and stone
0106	pulp/paper processing products	8		3	3	1	3	4	1	2	2	5	2	3	4	1	3	1		2	4	2	51	pulp/paper processing products
0107	printing/bookbinding			3	3	3	6	4	2	1	3	3		1	2	2		1	1		1	2	35	printing/bookbinding
0403	road cargo transportation service	2		1		3			1			1		1	2	2	1		1			2	17	road cargo transportation service
0103	fiber products	1		2	2	1	1	2				2	1	1				1	2			2	16	fiber products
0801	wholesale	1		1			4	2	2	1		4	6	4	1	3		5	6	3	4	1	48	wholesale
0303	other construction works	1		4	ı	2		2	4	4	2	2	2	2	2	2	2	2	2	1	5	1	42	other construction
0101	food products					1		1		2			1		1		1				1	1	9	food products
0301	civil engineering work	1		1			1							1		2						1	7	civil engineering work
0104	wood products	1		5	5	4	2	3	1		5	1		1		2	2	1	2	3	1		34	wood products
1701	dispatch service	1		1		3	2		1		1				1		1	1	2	1			15	dispatch service
0102	textile products	1		1			2						1	1	2	1			2				11	textile products
0804	other commerce			1		1							1				2	1	1	1			8	other commerce
1302	social welfare facility			1					1					1	1	1							5	social welfare facility
0501	land cargo handling service							1			1		1	1									4	land cargo handling service
1201	education/research service							2															2	education/research

															service
0116	electric/gas/water service				1									1	electric/gas/water service
0402	road passenger transport service					1								1	road passenger transport service
0201	coal mining														coal mining
0202	quarrying														quarrying
0203	other mining														other mining
0401	railroad/water transportation/airline service														railroad/water transportation/airline service
0404	other transportation service														other transportation service
0502	harbor transportation service														harbor transportation service
0601	agriculture														agriculture
0602	forestry														forestry
0701	livestock														livestock
0702	fishery														fishery
0803	haircut/beauty salon														haircut/beauty salon
0901	financial business														financial business
0902	advertisement and mediator														advertisement and mediator
1001	movie/play service														movie/play service
1101	telecommunication service														telecommunication service
1301	medical treatment service														medical treatment

1303	other health and hygiene service																						other health and hygiene service
1401	hotel																						hotel
1402	restaurant																						restaurant
1403	other amusement service																						other amusement service
1601	public office																						public office
	total		1,119	1,116	1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452	451	13,072	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 154 power press 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			332		384		320	321	292	258	182	188	214	208	201	206	169	191	195	168	192	138	149	4,308	other metal products
011203	metal press products			334		303		285	251	233	197	127	159	159	174	156	170	155	113	118	123	99	103	104	3,363	metal press products
011502	auto mobile products			135		115		125	128	122	103	56	60	77	71	59	62	51	49	63	52	49	37	54	1,468	auto mobile products
011301	machine products			75		63		52	74	50	47	29	31	42	47	40	45	40	41	49	33	38	34	32	862	machine products
011409	other electrical equipment			41		27		33	25	31	22	15	20	23	25	15	7	16	16	12	15	10	14	14	381	other electrical equipment
	electronics equipment and telecommunications apparatus			25		19		20	9	12	15	11	8	5	6	8	5	5	10	4	9	9	10	7	197	electronics equipment and telecommunications apparatus
011709	other manufacturing			11		16		10	11	8	13	6	11	7	8	11	11	10	4	9	6	14	10	6	182	other manufacturing
011509	other transport equipment products			20		20		14	11	16	13	5	3	8	7	10	3	8	7	5	7	5	10	6	178	other transport equipment products
010805	plastics products			13		12		13	10	13	8	8	9	6	10	6	7	11	5	10	9	10	4	6	170	plastics products
011401	heavy electrical equipment			3		4		3	3	6	4	4	1	2	4	3	3	5	3	2		6	4	6	66	heavy electrical equipment
010806	rubber products			9		12		8	9	2	5	1	4	5	4	6	2	4	2	4	5	1	11	5	99	rubber products
011201	western tableware/cutting tool products			6		14		10	10	7	5	10	8	7	8	4	8	9	4	5	4	6	4	4	133	western tableware/cutting tool products

		_الا	السال		 П	П	П	II	П	П	П	П	IL	IL	П	П	П	П	П	П		JL	II.
011102	nonferrous metals casting products		4	4	6	4	8	8	4	3	5	4	4	3	2	1	5	3	2	2	4	76	nonferrous metals casting products
150102	industrial waste management service		1		2	2		1	1		2	2	3	2	2	2	2		1	1	4	28	industrial waste manageme service
170209	others			3	2	2		1						1	4		1	5			4	23	others
011001	steel/iron/rolling products		8	3	6			2	2				1	1	1	2	7	5	1	6	3	48	steel/iron/rolling products
011701	auto mobile servicing		2	1	3	2	4	1	2	1	1	3	1	3	3	3	3	4	2	4	3	46	auto mobile servicing
080209	other retails		4	3	2	2	2		4	3	3	1	3	1		3	1	2	3	6	3	46	other retails
011202	screw products		8	4	5	1	8	7	5	2	3	1	1	2	4	2	5	3	3	2	2	68	screw products
030209	other building construction work		3	3	2	5	2	1	3	1	1	2	3	2	2	4	6	8		4	2	54	other building construction work
010909	other sand and stone products		3	3	3	1	1	2		1	2	3	2	3	2	3	1		1	1	2	34	other sand and stone products
011009	other steel products		2	1	1	2	1	4		1	4	3	1	1	2	3	2	2		1	2	33	other steel products
010899	other chemical products			3	2			2	4	1		2	1	1		3	1	3	2		2	27	other chemical products
010701	printing service			2		4	3	2	1	2	2		1	2				1			2	22	printing service
011503	railway vehicle products			1	2		1	2		1	2		2		2	1	1		1	2	2	20	railway vehicle products
040301	general truck transportation		2	1	2			1			1		1	1	1	1		1			2	14	general truck transportation
010501	wood furniture			2	1	4	2					1	1								2	13	wood furniture
010309	other fiber products		1	2			2				2	1						1			2	11	other fiber products
011305	other precision machine products		7	14	11	13	11	9	6	4	11	6	6	7	6	10	4	7	2	8	1	143	other precision machine products
011402	electrical appliance		17	13	14	6	11	6	4	5	8	8	3	4	6	1	3	3	8	3	1	124	electrical appliance
011109	other nonferrous metal		6	9	2	8	10	7	5	3	6	4	2	4	4	2	6	2	3		1	84	other nonferrous metal products
080109	other wholesale		1			4	2	2	1		4	5	3	1	3		5	5	3	4	1	44	other wholesale

011002	casting products		4		5	4	1	2	1	2	2	4	1	3		1	1	2	2		1	36	casting products
011302	measuring instruments		2	1	3	2	3		1	3	3			3	3	2	2	1	2		1	32	measuring instruments
030203	building facility construction work		3	2	1			1	2	2	2	1		1		3	4	5	1	2	1	31	building facility constructio work
011702	machine repair			1	2			3	6	1	2	3	1	2	2		1		1		1	26	machine repair
030302	machinery/apparatus setting work			2	2			1	2	2	1	1	1				1	1		3	1	18	machinery/apparatus settir work
030201	steel frame/reinforced concrete house construction work			1	4			1				1	1		1		1		3	3	1	17	steel frame/reinforced concrete house constructio work
010801	non organic or organic chemical products		1	1	1	1			1			1		1	1	1	1		1	1	1	13	non organic or organic chemical products
010609	other pulp/paper processing products		2	2						1		1		2			1				1	10	other pulp/paper processin
150103	other waste disposal service		1	1	1	2	1	1			1						1				1	10	other waste disposal servic
010503	fittings		1			2	1	1								1					1	7	fittings
010104	bread/cake products				1							1									1	3	bread/cake products
030199	other civil engineering work												1		1						1	3	other civil engineering wor
010601	pulp/paper						1														1	2	pulp/paper
010502	metal furniture		1	5	7	5	1	5	1	1	5	3	2	2	4	1	6	2	3	4		58	metal furniture
010602	paper processing products		6	1	1	3	3	1	2	1	5	1	3	2	1	3			2	4		39	paper processing products
011303	optical instruments		1	5	5	1	7	2	1		1	1		2	3	1		3	2	1		36	optical instruments
010409	other lumber and wood products		1	3	3	2	3	1		5	1				1	1	1	1	2			25	other lumber and wood products
011101	nonferrous metals/rolling products		1	2	1	4	1	1		2	1	1	1	1		3	1	2		1		23	nonferrous metals/rolling products
011501	ship building			2	2	2	4		1	1	2	1	1		2	3		2				23	ship building
011204	metal plating products		2		4		1	3	2	1			1	1	2		1	1	2	1		22	metal plating products

020200		H	1	i —		İ	i				i	1	1	1				i —	1	i		i	122	T_41
	other construction works		ı	<u> </u>	2			2	3	2		1	1	-	2	2	2	<u> </u>			2		22	other construction works
010905	other ceramic products		3		4	5	3	1		1	1		1				1		1				21	other ceramic products
010901	cement products		2		3	2	1	1				1	2	4		1			1	1			19	cement products
010509	other furniture				2	1	2		1		1		2	1	1		1			1	2		15	other furniture
010807	leather products		2		1	1				1		2	1	1	1	1			2	2			15	leather products
010903	pottery products		4		1				2	3		1			2	1			1				15	pottery products
170101	dispatch service		1		1	3	2		1		1				1		1	1	2	1			15	dispatch service
010904	fire resisting products		1			2	1		2	1	1	1	1			1			1		1		13	fire resisting products
010700	other printing and																						1.1	other printing and
010709	bookbinding				ľ	I	2	ı			ľ					2		ľ			ľ		11	bookbinding
020202	wooden house construction																						10	wooden house construction
030202	work						2					2				Ī							10	work
010402	plywood				2	1								1		1	1		1	1	1		9	plywood
010902	glass products		1		1	1		2	1							3							9	glass products
011703	cleaning					1	1	2					1	1	1					1			8	cleaning
011304	watch products				2	1					1						1	1	1				7	watch products
010209	other textile products												1	1	1	1			2				6	other textile products
080409	other commerce				1	1							1				2		1				6	other commerce
010301	over/under wear					1	1							1				1	1				5	over/under wear
080202	auto mobile retail						1							1	1			1	1				5	auto mobile retail
130201	social welfare facility				1				1					1	1	1							5	social welfare facility
010109	other foods									2					1		1						4	other foods
010809	chemical fertilizer products					1		1	1	1													4	chemical fertilizer products
050101	land cargo handling service							1			1		1	1									4	land cargo handling service
080101	all kinds of wholesale				1								1	1					1				4	all kinds of wholesale
150109	other cleaning and livestock											2							1	1			4	other cleaning and livestock
	process service											_												process service

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010203	weaving					1		1					1					3	weaving
010802	chemical fiber			1				1	1									3	chemical fiber
150101	building maintenance service					1		1	1									3	building maintenance service
010204	dyeing			1				1										2	dyeing
010702	bookbinding						2											2	bookbinding
010808	painting products							1								1		2	painting products
030106	road construction work					1		1										2	road construction work
030301	electricity/telecommunication work														1	1		2	electricity/telecommunication work
040309	other land cargo transportation service						1							1				2	other land cargo transportation service
080401	warehousing														1	1		2	warehousing
120109	other education/research service								2									2	other education/research
010101	meat/dairy products								1									1	meat/dairy products
010103	agricultural food products																1	1	agricultural food products
010803	pharmaceuticals			1														1	pharmaceuticals
010804	petroleum/coal products														1			1	petroleum/coal products
011603	city water service						1											1	city water service
030105	bridge construction work			1														1	bridge construction work
030109	land consolidation civil engineering work													1				1	land consolidation civil engineering work
040202	bus service							1										1	bus service
040302	specific truck transportation service												1					1	specific truck transportation service
080201	all kinds of retail									1								1	all kinds of retail
080203	furniture/fittings retail			1														1	furniture/fittings retail
				1	1				$\overline{}$										7

170201	security service			1	ı								1	security service
010102	fishery products													fishery products
010105	alcoholic drinks													alcoholic drinks
010106	soft drinks													soft drinks
010201	silk-reeling													silk-reeling
010202	cotton-spinning													cotton-spinning
010401	lumbering													lumbering
011601	electric utility service													electric utility service
011602	city gas service													city gas service
011609	other electric/gas/water service													other electric/gas/water service
011704	tobacco products													tobacco products
020101	general coal mining													general coal mining
020109	other coal mining													other coal mining
020201	quarrying													quarrying
020202	gravel digging													gravel digging
020209	other quarrying													other quarrying
020301	metal mining													metal mining
020302	petroleum mining													petroleum mining
020309	other mining													other mining
030101	hydroelectric plant construction work													hydroelectric plant construction work
030102	tunnel construction work													tunnel construction work
030103	subway construction work													subway construction work
030104	railway construction work													railway construction work
030107	river civil engineering work													river civil engineering work
	sand collapse prevention civil													sand collapse prevention civil

Work	030108	engineering work												engineering work
construction work 301111 work 301011 port/seaside construction work 301011 port/seaside construction work 301011 port/seaside construction work 301011 port/seaside construction work 301010 port/seaside construction 301010 port/seaside construction work 301010 port/seaside constructi	030110	water supply/sewage												water supply/sewage
Work	030110	construction work												construction work
work 40101 railroad service	030111	port/seaside construction												port/seaside construction
040102 water transportation service 040103 airline service 040201 taxi service 040201 taxi service 040202 service 040203 service 040203 taxi service 040204 taxi service 040205 service 040205 service 040205 service 040205 service 040206 other passenger transport 040207 transportation service 040409 other transportation service 040409 other transportation service 040409 other transportation service 050201 service 050202 port cargo handling service 050202 port cargo handling service 050203 other harbor transportation service 050204 service 050205 other harbor transportation service 050206 other harbor transportation service 050207 service 050208 other harbor transportation service 050209 other forestry 050209 other fishery 050209 other fishery 050209 other fishery 050209 other fishery		work												work
040103 airline service 040201 taxi service 040201 taxi service 040209 other passenger transport service 040303 cargo/ light automobile transportation service 040409 other transportation service 040409 other transportation service 050201 service 050202 port cargo handling service 050203 other harbor transportation service 050204 port cargo handling service 050205 other harbor transportation service 050206 other harbor transportation service 050207 other harbor transportation service 050208 other harbor transportation service 050209 other harbor transportation service 050200 other harbor transportation service 050201 lumbering 050200 other forestry 050201 livestock 050201 livestock 050201 livestock 050201 livestock 050202 other forestry 050203 other fishery 050203 other fishery 050203 other fishery 050204 other fishery 050205 other fishery	040101	railroad service												railroad service
040201 taxi service	040102	water transportation service												water transportation service
other passenger transport service serv	040103	airline service												airline service
Service Serv	040201	taxi service												taxi service
service acargo/ light automobile transportation service dout transportat	040209	other passenger transport												other passenger transport
transportation service 040409 other transportation service 050201 general harbor transportation service 050202 port cargo handling service 050209 other harbor transportation service 060101 agriculture 060201 lumbering 060209 other forestry 070201 fishery 070209 other fishery 070200 other fishery		service												service
transportation service 040409 other transportation service 050201 general harbor transportation service 050202 port cargo handling service 050202 port cargo handling service 050203 other harbor transportation service 050204 service 050205 other harbor transportation service 050206 other harbor transportation service 050207 service 050208 other harbor transportation service 050209 other harbor transportation service 050201 lumbering 060201 lumbering 060209 other forestry 070201 fishery 070209 other fishery 070209 other fishery 070209 other fishery 070209 other fishery 070201 other fishery 070202 other fishery 070203 other fishery 070205 other fishery 070206 other fishery	040303	cargo/ light automobile												cargo/ light automobile
general harbor transportation service Source Service Servic	0.0505	transportation service												transportation service
Service Serv	040409	other transportation service												other transportation service
service Service Servi	050201	general harbor transportation												general harbor transportation
other harbor transportation service se		service												service
050209 service	050202	port cargo handling service												port cargo handling service
	050209	other harbor transportation												other harbor transportation
060201 lumbering lumbering 060209 other forestry other forestry 070101 livestock livestock 070201 fishery fishery 070209 other fishery other fishery		service												service
060209 other forestry 070101 livestock 070201 fishery 070209 other fishery 070209 other fishery	060101	agriculture												agriculture
070101 livestock livestock 070201 fishery fishery 070209 other fishery other fishery	060201	lumbering												lumbering
070201 fishery fishery 070209 other fishery other fishery	060209	other forestry												other forestry
070209 other fishery other fishery	070101	livestock												livestock
	070201	fishery												fishery
	070209	other fishery												other fishery
USO 102 Turniture/Tittings wnoiesale	080102	furniture/fittings wholesale												furniture/fittings wholesale
080204 fuel retail fuel retail	080204	fuel retail												 fuel retail

080205	newspaper retail													newspaper retail
080301	haircut													haircut
080302	beauty salon													beauty salon
090101	banking/trust business													banking/trust business
090102	stock/commodity trade business													stock/commodity trade
090103	insurance business													insurance business
090109	other financial business													other financial business
090201	traveling service													traveling service
090209	other advertisement and mediator													other advertisement and mediator
100101	movie production and delivery service													movie production and delivery service
100102	movie theatre													movie theatre
100109	other movie/play service													other movie/play service
110101	telecommunication service													telecommunication service
120101	auto mobile practical training													auto mobile practical training
120102	software service													software service
130101	hospital													hospital
130102	general clinic													general clinic
130109	other medical treatment service													other medical treatment service
130301	bathhouse													bathhouse
130309	other health and hygiene service													other health and hygiene service
140101	hotel													hotel
140201	general restaurant													general restaurant

140209	other restaurants																						other restaurants
140301	golf course																						golf course
140302	park and amusement park																						park and amusement park
140309	other amusement service																						other amusement service
150104	cremation service																						cremation service
150105	livestock process service																						livestock process service
160101	public office																						public office
170202	information processing																						information processing
11 1	service																						service
	total		1,119	1,116	1,030	973	904	785	527	559	649	651	586	602	565	517	559	524	503	452	451	13,072	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