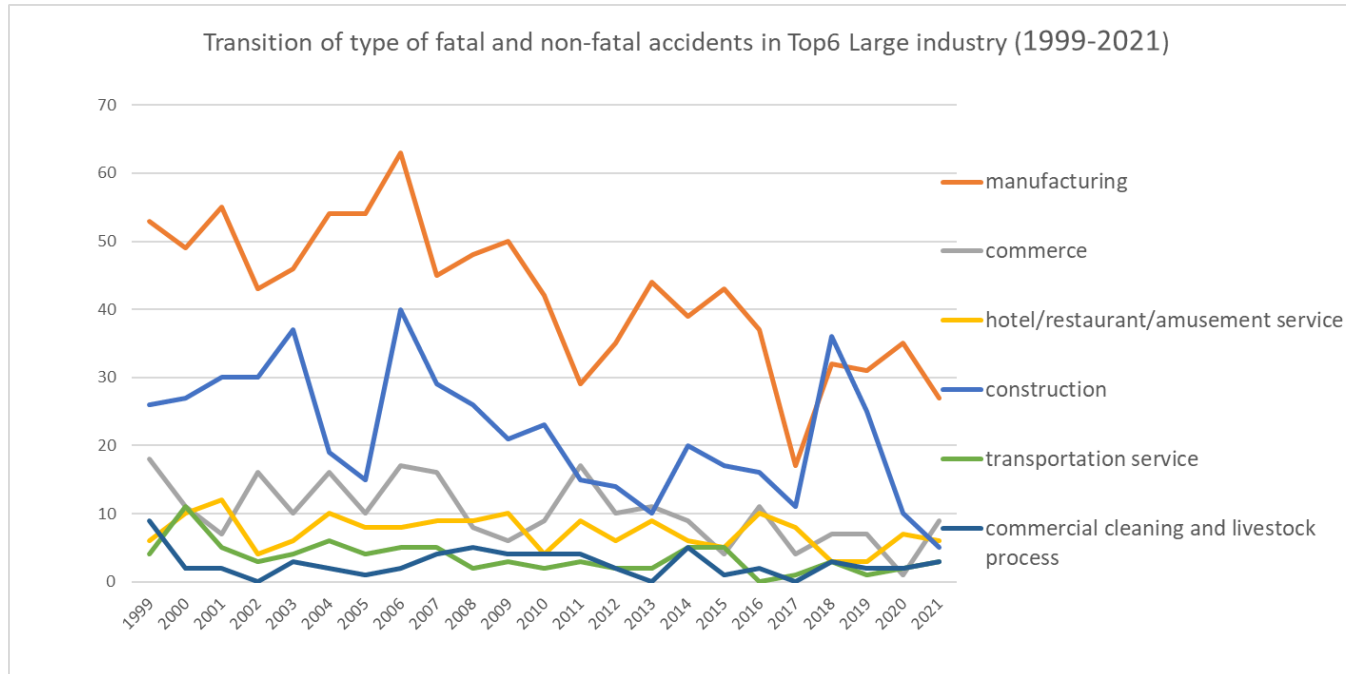
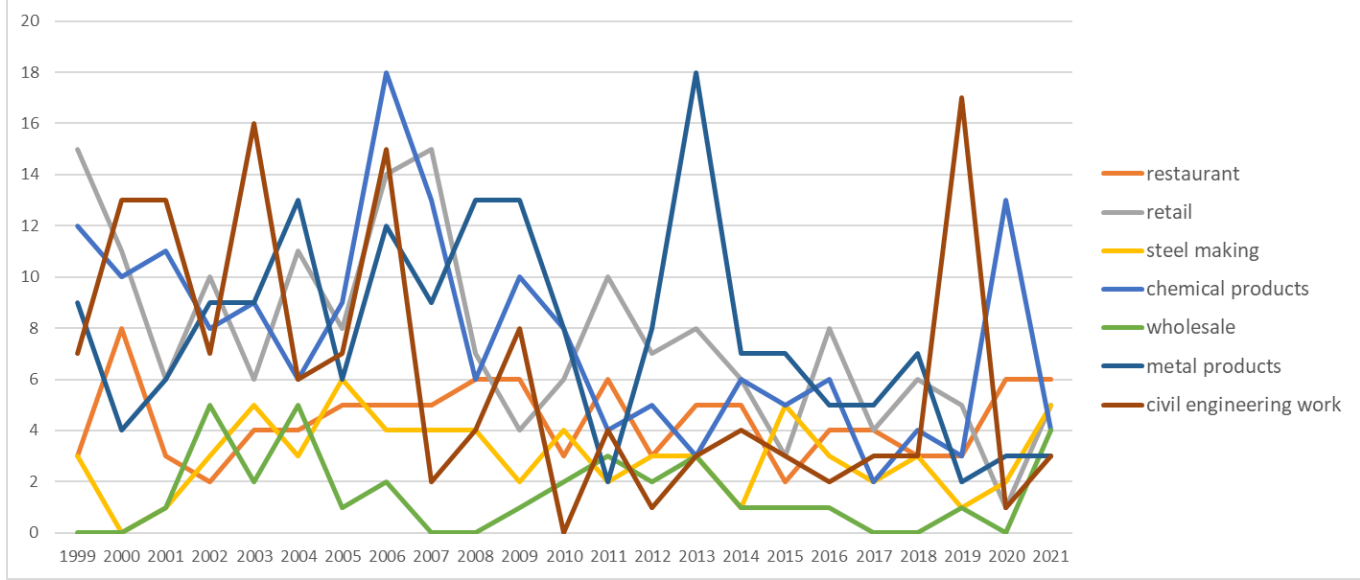


Transition of type of fatal and non-fatal accidents as code no. 16 fire (1999-2021)



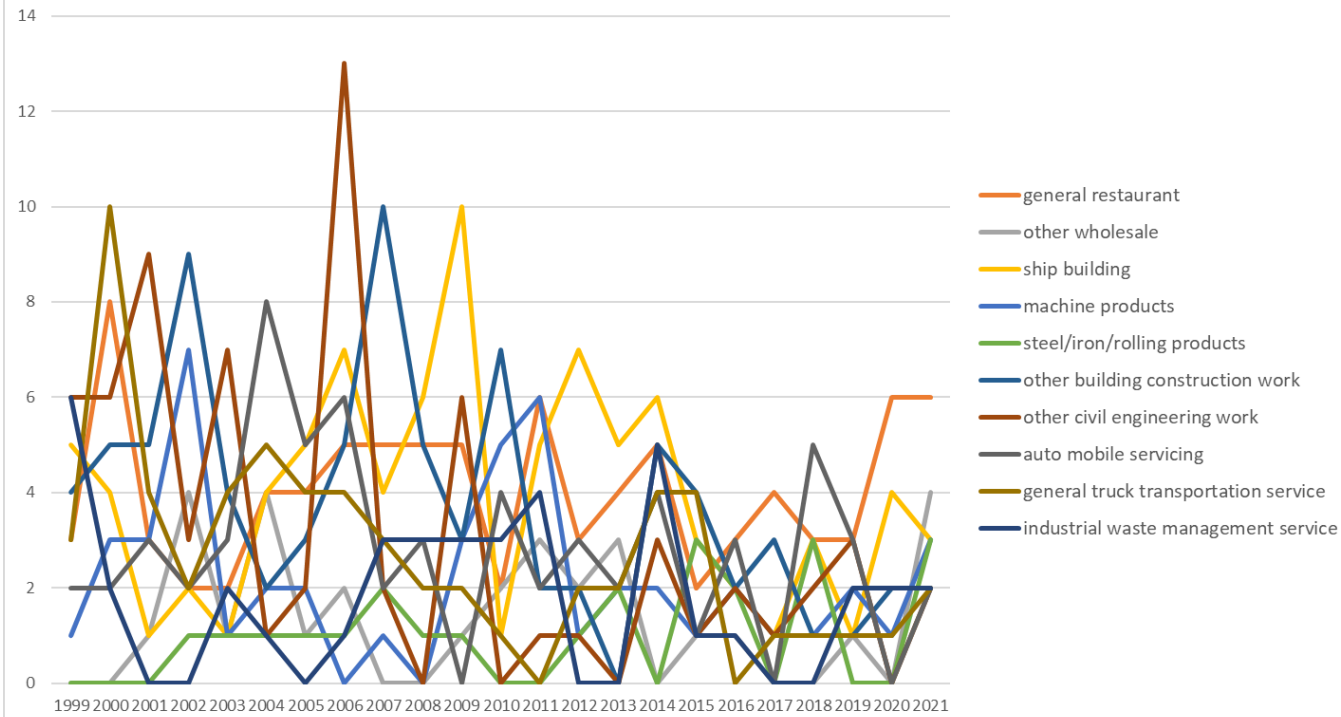
Transition of type of fatal and non-fatal accidents as code no. 16 fire in Large industry (1999-2021)

Transition of type of fatal and non-fatal accidents in Top7 Middle industry (1999-2021)



Transition of type of fatal and non-fatal accidents as code no. 16 fire in Middle Industry (1999-2021)

Transition of type of fatal and non-fatal accidents in Top10 Small industry (1999-2021)



Transition of type of fatal and non-fatal accidents as code no. 16 fire in Small Industry (1999-2021)

Transition of type of fatal and non-fatal accidents as code no. 16 fire 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	53	49	55	43	46	54	54	63	45	48	50	42	29	35	44	39	43	37	17	32	31	35	27	971	manufacturing
08	commerce	18	11	7	16	10	16	10	17	16	8	6	9	17	10	11	9	4	11	4	7	7	1	9	234	commerce
14	hotel/restaurant/amusement service	6	10	12	4	6	10	8	8	9	9	10	4	9	6	9	6	5	10	8	3	3	7	6	168	hotel/restaurant/amusement service
03	construction	26	27	30	30	37	19	15	40	29	26	21	23	15	14	10	20	17	16	11	36	25	10	5	502	construction
04	transportation service	4	11	5	3	4	6	4	5	5	2	3	2	3	2	2	5	5		1	3	1	2	3	81	transportation service
15	commercial cleaning and livestock process	9	2	2		3	2	1	2	4	5	4	4	4	2		5	1	2		3	2	2	3	62	commercial cleaning and livestock process

17	others	5	1	3	1	1		3	4		3	3	1	5	2		1	2		1	1	1	1	1	40	others	
10	movie/play service																								52	52	movie/play service
13	health and hygiene service				7	3	1	2		3	3	4	3	2	1	3	1	1	2			1	1		38	health and hygiene service	
06	agriculture	3	1	1	1		1	2		1	1	3	1			1		1	1	2		2	1		23	agriculture	
09	financial business/advertisement		1	9			1	3																	14	financial business/advertisement	
05	cargo handling service	1		1			1		3			1	1			1		1	1			2			13	cargo handling service	
07	livestock/fishery	1		3						1	2		2			1		1				1	1		13	livestock/fishery	
12	education/research service	3		1			1		2			1		2	1	1		1							13	education/research service	
02	mining		1			5		1									1	1							9	mining	
11	telecommunication service							1					1						1						3	telecommunication service	
16	public office																										public office
	total	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61	54	2,236	total	

Transition of type of fatal and non-fatal accidents as code no. 16 fire 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	
1402	restaurant	3	8	3	2	4	4	5	5	5	6	6	3	6	3	5	5	2	4	4	3	3	6	6	101	restaurant	
0802	retail	15	11	6	10	6	11	8	14	15	7	4	6	10	7	8	6	3	8	4	6	5	1	5	176	retail	
0110	steel making	3		1	3	5	3	6	4	4	4	2	4	2	3	3	1	5	3	2	3	1	2	5	69	steel making	
0108	chemical products	12	10	11	8	9	6	9	18	13	6	10	8	4	5	3	6	5	6	2	4	3	13	4	175	chemical products	
0801	wholesale			1	5	2	5	1	2			1	2	3	2	3	1	1	1			1		4	35	wholesale	
0112	metal products	9	4	6	9	9	13	6	12	9	13	13	8	2	8	18	7	7	5	5	7	2	3	3	178	metal products	
0301	civil engineering work	7	13	13	7	16	6	7	15	2	4	8		4	1	3	4	3	2	3	3	17	1	3	142	civil engineering work	
0115	transport equipment products	10	7	3	6	3	4	10	12	4	9	13	2	8	7	6	6	5	4	2	5	5	7	3	141	transport equipment products	
0113	machine products	3	4	5	7	1	3	3	1	3		3	5	7	1	3	4	3	3	1	1	2	1	3	67	machine products	
	commercial cleaning and livestock																										commercial cleaning

1201	education/research service	3		1			1	2		1	2	1	1		1						13	service	
1301	medical treatment service			6			1		1	1	2	1								1		13	medical treatment service
0701	livestock	1		3					1	1		2			1	1					1	11	livestock
0901	financial business		1	9			1															11	financial business
0107	printing/bookbinding		1	2		1	1	1							2	1	1					10	printing/bookbinding
0116	electric/gas/water service			3			1	1	1			1				1					1	9	electric/gas/water service
0501	land cargo handling service			1			1	2				1			1	1				2		9	land cargo handling service
0106	pulp/paper processing products			1	1	2			1			1			1		1					8	pulp/paper processing products
0203	other mining					5																5	other mining
0601	agriculture	1								1							1		2			5	agriculture
0104	wood products	1								1						1		1				4	wood products
0202	quarrying		1						1							1	1					4	quarrying
0502	harbor transportation service	1						1		1							1					4	harbor transportation service
0103	fiber products										2				1							3	fiber products
0902	advertisement and mediator							3														3	advertisement and mediator
1101	telecommunication service							1				1					1					3	telecommunication service
0702	fishery									1										1		2	fishery
0803	haircut/beauty salon	2																				2	haircut/beauty salon
1303	other health and hygiene service									1										1		2	other health and hygiene service

0401	railroad/water transportation/airline service															1									1	railroad/water transportation/airline service
0201	coal mining																									coal mining
0404	other transportation service																									other transportation service
1601	public office																									public office
1701	dispatch service																									dispatch service
	total	129	114	129	105	115	112	104	144	113	107	106	93	86	73	83	87	83	81	44	85	128	61	54	2,236	total

Transition of type of fatal and non-fatal accidents as code no. 16 fire 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
140201	general restaurant	3	8	3	2	2	4	4	5	5	5	5	2	6	3	4	5	2	3	4	3	3	6	6	93	general restaurant
080109	other wholesale			1	4	1	4	1	2			1	2	3	2	3		1	1			1		4	31	other wholesale
011501	ship building	5	4	1	2	1	4	5	7	4	6	10	1	5	7	5	6	3	2	1	3	1	4	3	90	ship building
011301	machine products	1	3	3	7	1	2	2		1		3	5	6	1	2	2	1	2	1	1	2	1	3	50	machine products
011001	steel/iron/rolling products				1	1	1	1	1	2	1	1			1	2		3	2		3			3	23	steel/iron/rolling products
030209	other building construction work	4	5	5	9	4	2	3	5	10	5	3	7	2	2		5	4	2	3	1	1	2	2	86	other building construction work
030199	other civil engineering work	6	6	9	3	7	1	2	13	2		6		1	1		3	1	2	1	2	3		2	71	other civil engineering work
011701	auto mobile servicing	2	2	3	2	3	8	5	6	2	3		4	2	3	2	4	1	3		5	3		2	65	auto mobile servicing
040301	general truck transportation service	3	10	4	2	4	5	4	4	3	2	2	1		2	2	4	4		1	1	1	1	2	62	general truck transportation service
150102	industrial waste management service	6	2			2	1		1	3	3	3	3	4			5	1	1			2	2	2	41	industrial waste management service
011002	casting products	2			1	2	2	5	2	2	3	1	4			1	1	2	1	2		1	2	2	36	casting products
080204	fuel retail	1	2		2	1	3	1	2	4	2		2	2		2	1		1	1	2			2	31	fuel retail

080202	auto mobile retail	2	1		1	2	1		3	5	1		1	1		3	1		1	2	1	1		2	29	auto mobile retail	
011203	metal press products	1				2	1			1	1					3			1					2	12	metal press products	
011409	other electrical equipment	1	1	2		1		1				1		1				1	1					2	12	other electrical equipment	
011209	other metal products	8	4	6	8	5	12	6	8	8	11	13	8	1	7	15	7	7	4	5	7	2	3	1	156	other metal products	
080209	other retails	5	7	3	6	1	4	5	8	2	4	4	3	7	7	3	4	1	6	1	3	3	1	1	89	other retails	
010801	non organic or organic chemical products	1		3	1	4	3	3	5	6	1	3		2	3			1	2	2		2	1	2	1	46	non organic or organic chemical products
010109	other foods	2	3	1	2	3	4	1	2	1	2	3		1		2	1		4			1	6	1	40	other foods	
010805	plastics products	3	4	2	4	2	1		1	1	1		1		1	2		1		1	1	1	4	1	32	plastics products	
010899	other chemical products	4	3	4		1	1		1	3	3	1	2	1	1	1					1	1	3	1	32	other chemical products	
170209	others	4	1	3	1	1		2	2		1	3		5	2		1	2			1	1	1	1	32	others	
030106	road construction work	1	3	2	1	2	3	3	1			1		2		2		1			1	2		1	26	road construction work	
040201	taxi service		1	1	1		1		1				1	1							1		1	1	10	taxi service	
011109	other nonferrous metal products								1		1					1		2				2		1	8	other nonferrous metal products	
010909	other sand and stone products			1		1		2											1	1				1	7	other sand and stone products	
150101	building maintenance service			2		1	1			1									1					1	7	building maintenance service	
010808	painting products				1					1									2					1	5	painting products	
011102	nonferrous metals casting products								1	1									1					1	4	nonferrous metals casting products	
010103	agricultural food products		1										1											1	3	agricultural food products	
030201	steel frame/reinforced concrete house construction work	7	2	8	9	5	1		1	3	2	1	2		3	4	2	2	1		17	3	1		74	steel frame/reinforced concrete house construction work	
030309	other construction works	2	4	1	2	9	4	2	12	9	5		2	7	2	1	3	2	2	2	1		2		74	other construction works	
030302	machinery/apparatus setting	3	1			1	1	2	1	4	3	4	9	1	4	1	4	4	4	1	1	2	2		53	machinery/apparatus setting	

	work																								work	
100101	movie production and delivery service																				52			52	movie production and delivery service	
011502	auto mobile products	5	3	1	2	1		5	3		2	3		3		1		2	2	1	2	3	2		41	auto mobile products
140101	hotel	2	2	4	1	1	2	2	2		1	2		3	1	4		2	6	2					37	hotel
011709	other manufacturing	1	2	4	1	3	1	4	1	2	2	3	1			2	2	1	3		1		1		35	other manufacturing
030203	building facility construction work	1	2	1	1	1	1	1	5	1	2	2	1		1	1		1	4	1	2	1	1		31	building facility construction work
010803	pharmaceuticals	4				1	1	4	8			2	1				3		2				3		29	pharmaceuticals
130201	social welfare facility				1	3		2		2	1	2	2	2	1	3	1	1	2						23	social welfare facility
140309	other amusement service	1		5	1		3	1	1	4	2	2	1				1			1					23	other amusement service
011702	machine repair	2	1	1			2		2	1	1		3		2	1		1	2			3			22	machine repair
030202	wooden house construction work	2		2	1	1	2		1			3		1	1			1	1	1	2	1	1		21	wooden house construction work
030301	electricity/telecommunication work				1		2				5		2				2				9				21	electricity/telecommunication work
080409	other commerce	1			1	2				1	1		1	4	1		2		2		1	1			18	other commerce
080201	all kinds of retail	5		2		2	1	2		2							1								15	all kinds of retail
030105	bridge construction work					2	1														11				14	bridge construction work
010804	petroleum/coal products			1				1	2			4	2	1				1		1					13	petroleum/coal products
030110	water supply/sewage construction work		2	1	1	3	1	1			4														13	water supply/sewage construction work
060201	lumbering		1	1	1		1	2				1	1			1		1	1	1					12	lumbering
011403	electronics equipment and telecommunications apparatus	2	1	2		1				2					1			1		1					11	electronics equipment and telecommunications apparatus
070101	livestock	1		3						1	1		2			1		1					1		11	livestock

080205	newspaper retail	2	1		1		2		1	2						1				1			11	newspaper retail	
120109	other education/research service	1		1			1		2			1		2	1	1		1						11	other education/research service
010203	weaving			1			1										1				7			10	weaving
010806	rubber products		2			1			2	1		1				2						1		10	rubber products
011009	other steel products	1		1	1	2			1				2	2										10	other steel products
011204	metal plating products				1	2			4		1			1	1									10	metal plating products
011509	other transport equipment products			1	2	1			2		1		1								1	1		10	other transport equipment products
010101	meat/dairy products		2	2					1				1	1			2							9	meat/dairy products
010701	printing service		1	2		1		1							2	1	1							9	printing service
050101	land cargo handling service			1			1		2			1			1		1				2			9	land cargo handling service
090109	other financial business			9																				9	other financial business
010902	glass products		1	4				1									1		1					8	glass products
011101	nonferrous metals/rolling products		1				1					1	1			1	1				2			8	nonferrous metals/rolling products
011305	other precision machine products	2		2			1		1						1			1						8	other precision machine products
130101	hospital				3		1				1	2									1			8	hospital
140209	other restaurants					2		1			1	1	1			1			1					8	other restaurants
150103	other waste disposal service	2						1				1			1						3			8	other waste disposal service
170201	security service	1						1	2		2		1							1				8	security service
011401	heavy electrical equipment		1									1					2		2	1				7	heavy electrical equipment
010104	bread/cake products		1			1	1								1					1	1			6	bread/cake products
010901	cement products					1	1				1				1		1			1				6	cement products
011402	electrical appliance	1	1						1		2											1		6	electrical appliance
060209	other forestry	2								1		2										1		6	other forestry

150109	other cleaning and livestock process service	1						1		2		1		1								6	other cleaning and livestock process service	
010102	fishery products			1			2							1			1						5	fishery products
010503	fittings				2					1				1									5	fittings
010602	paper processing products				1					1				1			1						5	paper processing products
011303	optical instruments							1		1				1			2						5	optical instruments
011602	city gas service			3																	1		5	city gas service
011703	cleaning	1	1					2													1		5	cleaning
020309	other mining					5																	5	other mining
060101	agriculture	1								1							1		2				5	agriculture
140301	golf course					1	1							1				1			1		5	golf course
010105	alcoholic drinks	1					1			2													4	alcoholic drinks
010209	other textile products	1	1			1								1									4	other textile products
010501	wood furniture		2		1			1															4	wood furniture
010903	pottery products		1							2		1											4	pottery products
020201	quarrying		1					1								1	1						4	quarrying
030102	tunnel construction work		1	1		1																	4	tunnel construction work
030104	railway construction work										1				1						1	1	4	railway construction work
030109	land consolidation civil engineering work		1		1	1										1							4	land consolidation civil engineering work
010204	dyeing	1			1		1																3	dyeing
010309	other fiber products											2			1								3	other fiber products
010509	other furniture			1			1							1									3	other furniture
010601	pulp/paper			1		2																	3	pulp/paper
010802	chemical fiber				2							1											3	chemical fiber
010807	leather products		1													1							3	leather products

011302	measuring instruments										1													2												3	measuring instruments						
011601	electric utility service																																					3	electric utility service				
030108	sand collapse prevention civil engineering work																																					3	sand collapse prevention civil engineering work				
040202	bus service																																						3	bus service			
040302	specific truck transportation service																																						3	specific truck transportation service			
080101	all kinds of wholesale																																						3	all kinds of wholesale			
080401	warehousing																																						3	warehousing			
090209	other advertisement and mediator																																							3	other advertisement and mediator		
110101	telecommunication service																																							3	telecommunication service		
130102	general clinic																																							3	general clinic		
010106	soft drinks																																							2	soft drinks		
010401	lumbering	1																																						2	lumbering		
010409	other lumber and wood products																																								2	other lumber and wood products	
010809	chemical fertilizer products																																								2	chemical fertilizer products	
030107	river civil engineering work																																								2	river civil engineering work	
050201	general harbor transportation service																																								2	general harbor transportation service	
050202	port cargo handling service	1																																								2	port cargo handling service
070201	fishery																																								2	fishery	
080302	beauty salon	2																																							2	beauty salon	
090103	insurance business																																								2	insurance business	
120102	software service	2																																							2	software service	
	other medical treatment																																									other medical treatment	

