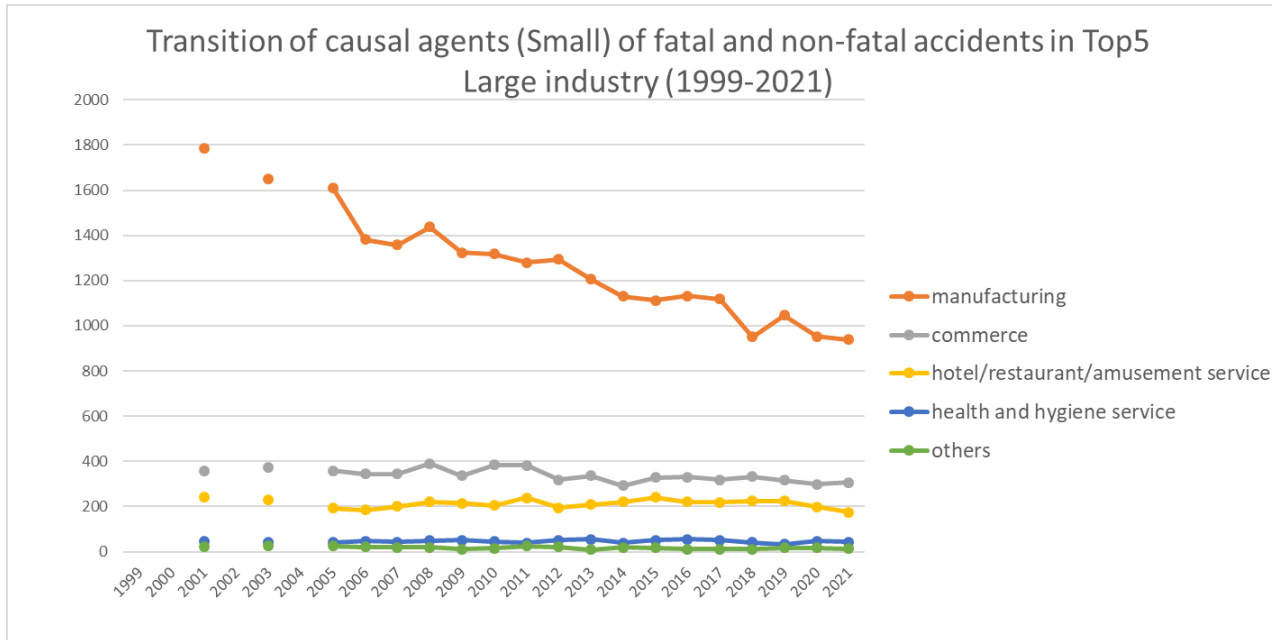
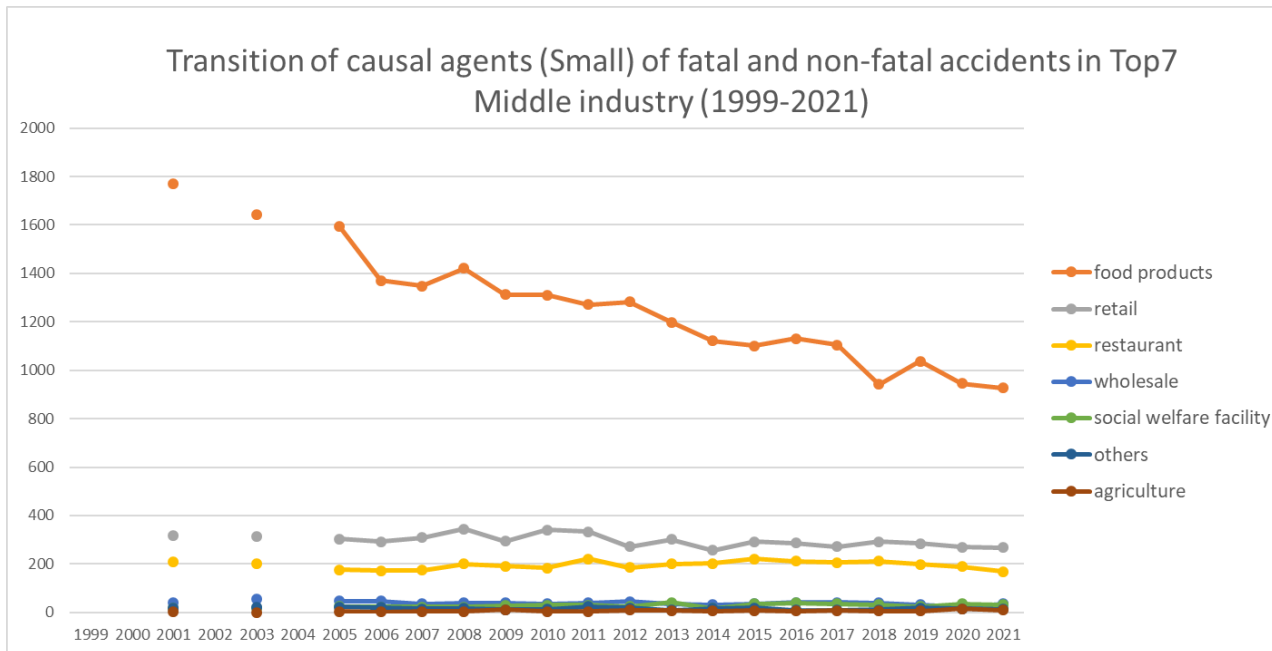


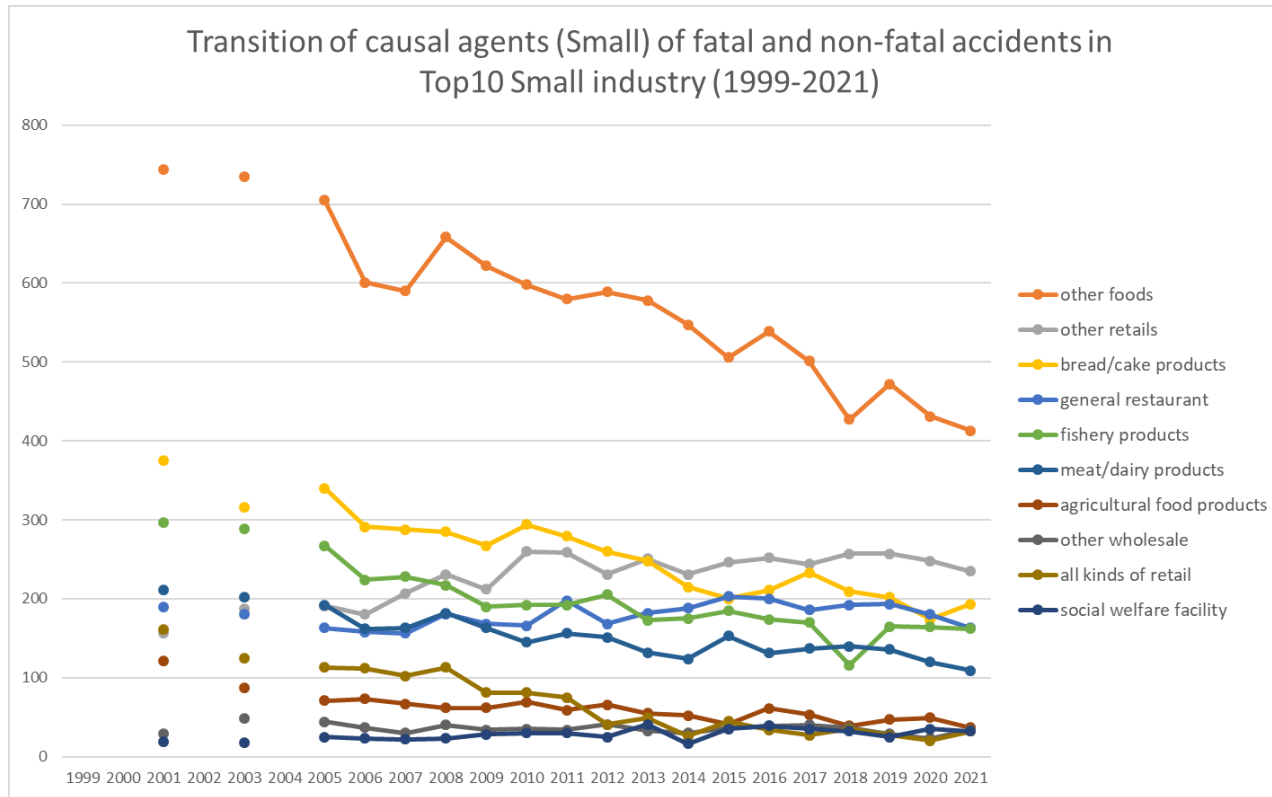
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine 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			1,785		1,652		1,612	1,381	1,358	1,437	1,324	1,317	1,280	1,293	1,206	1,130	1,112	1,133	1,118	950	1,046	953	938	24,025	manufacturing
08	commerce			359		372		359	345	345	391	336	384	382	319	336	293	329	331	318	333	317	298	306	6,453	commerce
14	hotel/restaurant/amusement service			240		231		193	185	201	220	214	204	239	195	208	220	241	221	219	224	224	198	175	4,052	hotel/restaurant/amusement service
13	health and hygiene service			45		44		41	48	43	49	51	45	40	51	56	39	51	56	52	42	34	48	43	878	health and hygiene service
17	others			22		25		25	21	19	20	12	16	26	21	10	19	18	12	11	12	18	17	14	338	others
06	agriculture			2				3	2	4	4	12	4	4	9	9	6	8	5	8	6	5	15	10	116	agriculture
12	education/research service			3		7		8	9	14	13	6	9	4	5	4	4	6	5	7	8	7	10	8	137	education/research service

15	commercial cleaning and livestock process			11	4		10	7	5	10	4	10	7	5	12	5	8	3	6	4	5	4	6	126	commercial cleaning and livestock process
07	livestock/fishery			4	4		3	1	4	2	2		4	1	4	2	5	6	1	2	2	2	2	51	livestock/fishery
03	construction			1	1		1		2		2	1	1		1		1	2	1	1			1	16	construction
16	public office			2	3		7	1		2		2	2	1	1	1	1	1		4		1		29	public office
04	transportation service			2			1		2	3	1				2	1	1		2	2		1		18	transportation service
05	cargo handling service				1		3	2	1		2		2		1	3	2	1						18	cargo handling service
10	movie/play service				2			1	2	1			1		1		1	1						10	movie/play service
09	financial business/advertisement				1		1	1	1		1			1	1			1	1					9	financial business/advertisement
02	mining																				1			1	mining
11	telecommunication service												1											1	telecommunication service
	total			2,476	2,347		2,267	2,004	2,001	2,152	1,967	1,992	1,992	1,902	1,852	1,723	1,784	1,778	1,744	1,588	1,658	1,548	1,503	36,278	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine 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
0101	food products			1,769		1,642		1,594	1,370	1,348	1,421	1,312	1,310	1,271	1,282	1,198	1,121	1,101	1,130	1,104	941	1,037	945	927	23,823	food products
0802	retail			317		312		304	292	309	344	293	341	334	272	301	257	292	287	271	292	284	269	267	5,638	retail
1402	restaurant			210		202		176	173	175	201	190	184	221	186	201	203	220	211	205	211	199	189	169	3,726	restaurant
0801	wholesale			40		55		47	46	35	40	39	35	39	45	34	32	36	41	41	39	32	25	35	736	wholesale
1302	social welfare facility			19		18		25	23	22	23	28	30	30	25	41	16	35	39	35	32	25	35	32	533	social welfare facility
1702	others			19		20		22	20	15	17	12	13	25	18	10	17	18	10	10	11	18	15	13	303	others
0601	agriculture			2				3	2	4	4	12	4	4	9	8	6	8	5	8	6	5	15	10	115	agriculture
1301	medical treatment service			26		26		16	24	17	24	19	12	8	24	13	21	15	15	13	10	9	12	8	312	medical treatment service
1201	education/research service			3		7		8	9	14	13	6	9	4	5	4	4	6	5	7	8	7	10	8	137	education/research service

140101	hotel			22		18		15	11	18	14	19	14	14	7	6	9	11	5	10	8	17	6	5	229	hotel	
080409	other commerce			2		5		7	7	1	6	3	6	8	2	1	4	1	3	4	2	1	4	3	70	other commerce	
011709	other manufacturing			4		2		7	2	2	8	3	3	4	5	3	2	4	1	2	3	4	3	3	65	other manufacturing	
150105	livestock process service			1		2		5	4		5	1	2	5	4	5	2	3		2	1	1		3	46	livestock process service	
150101	building maintenance service			8		1		4	3	3	4	1	4	1		6	2	3	2	3	2	2	3	2	54	building maintenance service	
070101	livestock			3		1			1	1	1	1		3		2	1	4	3		1	2	2	2	28	livestock	
130301	bathroom								1	4	2	3	2	2	2	1	2		2	3				2	26	bathroom	
080101	all kinds of wholesale			11		7		3	9	5		4		5	4	1	2		2	1	2	3	2	1	62	all kinds of wholesale	
170101	dispatch service			3		5		3	1	4	3		3	1	3		2		2	1	1		2	1	35	dispatch service	
150109	other cleaning and livestock process service			1		1		1		2	1	2	3	1	1	1	1	2	1	1	1	2	1	1	24	other cleaning and livestock process service	
140302	park and amusement park					2		1		2			1				2	2	2	2	2	1	1		1	17	park and amusement park
130109	other medical treatment service			1				1	1		3	1	1	1	1		1	1					1	1	14	other medical treatment service	
080401	warehousing							1			1	1	2	1						2				1	9	warehousing	
130309	other health and hygiene service											1	1			1		1		1			1	1	7	other health and hygiene service	
010803	pharmaceuticals			1								1												1	3	pharmaceuticals	
030209	other building construction work																							1	1	other building construction work	
120101	auto mobile practical training																							1	1	auto mobile practical training	
140309	other amusement service			6		7				4	5	3	4	4	2		6	5	1	1	2	4	1		55	other amusement service	
160101	public office			2		3		7	1		2		2	2	1	1	1	1	1		4		1		29	public office	
140301	golf course			2		2		1	1	2		2	1			1		3	2	1	2	3	2		25	golf course	
050101	land cargo handling service					1		3	1	1		2		2		1	3	2	1						17	land cargo handling service	
070209	other fishery					2		1		2	1	1		1	1	1	1	1	3	1					16	other fishery	
011209	other metal products			1		1		2	2			1	1						1	1		2			12	other metal products	
040301	general truck transportation			1				1		1	3	1				1					2		1		11	general truck transportation	

030201	steel frame/reinforced concrete house construction work																					2	steel frame/reinforced concrete house construction work		
030203	building facility construction work										1												2	building facility construction work	
040102	water transportation service																						2	water transportation service	
040103	airline service																1							2	airline service
040302	specific truck transportation service				1																			2	specific truck transportation service
090109	other financial business										1													2	other financial business
150102	industrial waste management service																							2	industrial waste management service
010301	over/under wear																							1	over/under wear
010401	lumbering				1																			1	lumbering
010402	plywood				1																			1	plywood
010409	other lumber and wood products				1																			1	other lumber and wood products
010702	bookbinding																							1	bookbinding
010806	rubber products																							1	rubber products
010901	cement products																							1	cement products
011101	nonferrous metals/rolling products																							1	nonferrous metals/rolling products
011201	western tableware/cutting tool products																							1	western tableware/cutting tool products
011203	metal press products																							1	metal press products
011303	optical instruments																							1	optical instruments
011403	electronics equipment and telecommunications apparatus																							1	electronics equipment and telecommunications apparatus

010804	petroleum/coal products																						petroleum/coal products
010807	leather products																						leather products
010808	painting products																						painting products
010809	chemical fertilizer products																						chemical fertilizer products
010902	glass products																						glass products
010903	pottery products																						pottery products
010904	fire resisting products																						fire resisting products
010905	other ceramic products																						other ceramic products
011001	steel/iron/rolling products																						steel/iron/rolling products
011002	casting products																						casting products
011009	other steel products																						other steel products
011102	nonferrous metals casting products																						nonferrous metals casting products
011202	screw products																						screw products
011204	metal plating products																						metal plating products
011302	measuring instruments																						measuring instruments
011304	watch products																						watch products
011401	heavy electrical equipment																						heavy electrical equipment
011402	electrical appliance																						electrical appliance
011501	ship building																						ship building
011502	auto mobile products																						auto mobile products
011503	railway vehicle products																						railway vehicle products
011601	electric utility service																						electric utility service
011602	city gas service																						city gas service
011603	city water service																						city water service
011609	other electric/gas/water service																						other electric/gas/water service
011701	auto mobile servicing																						auto mobile servicing

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