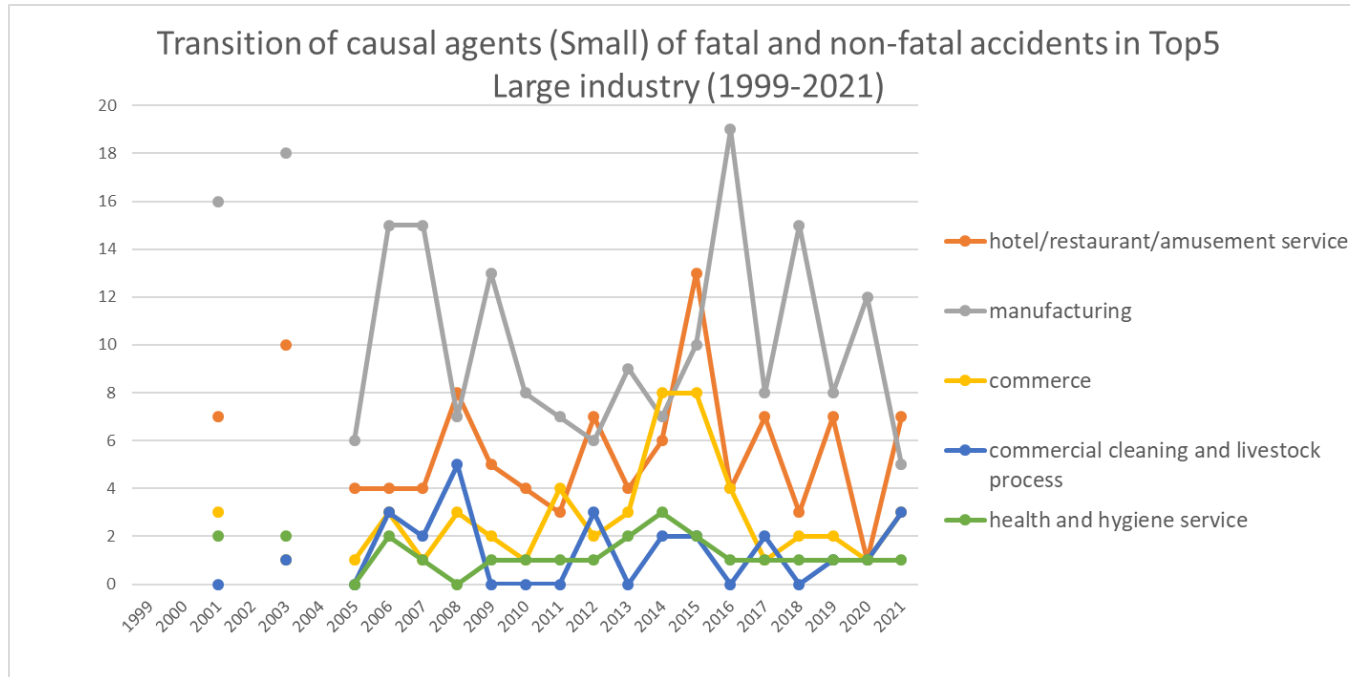
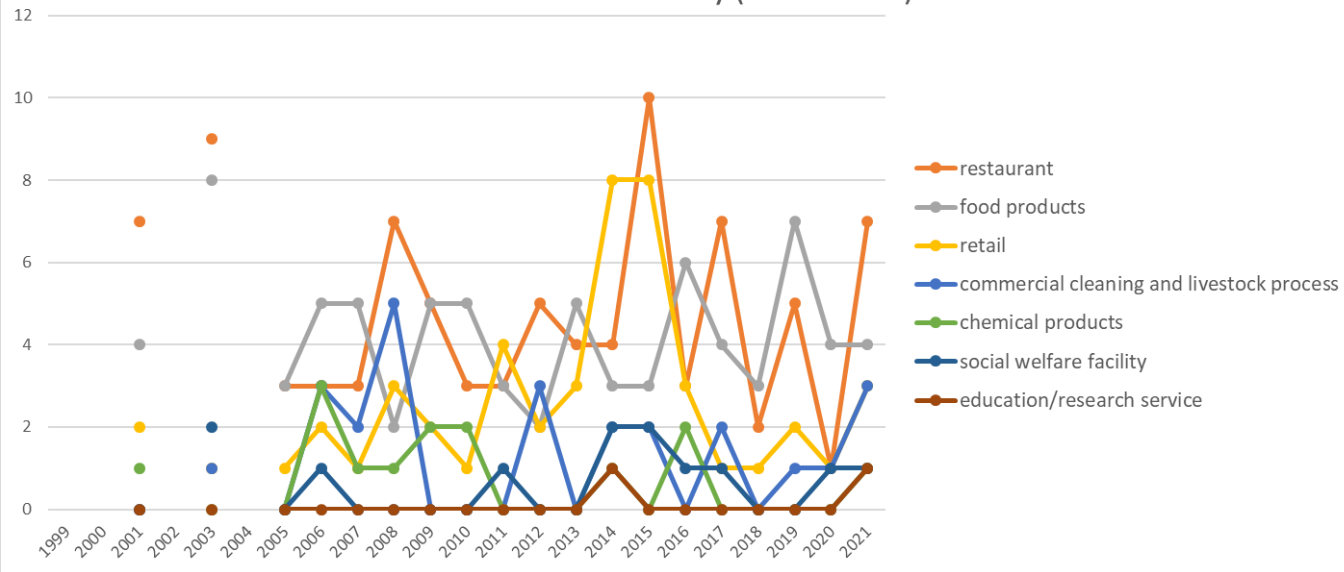


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron (1999-2021)



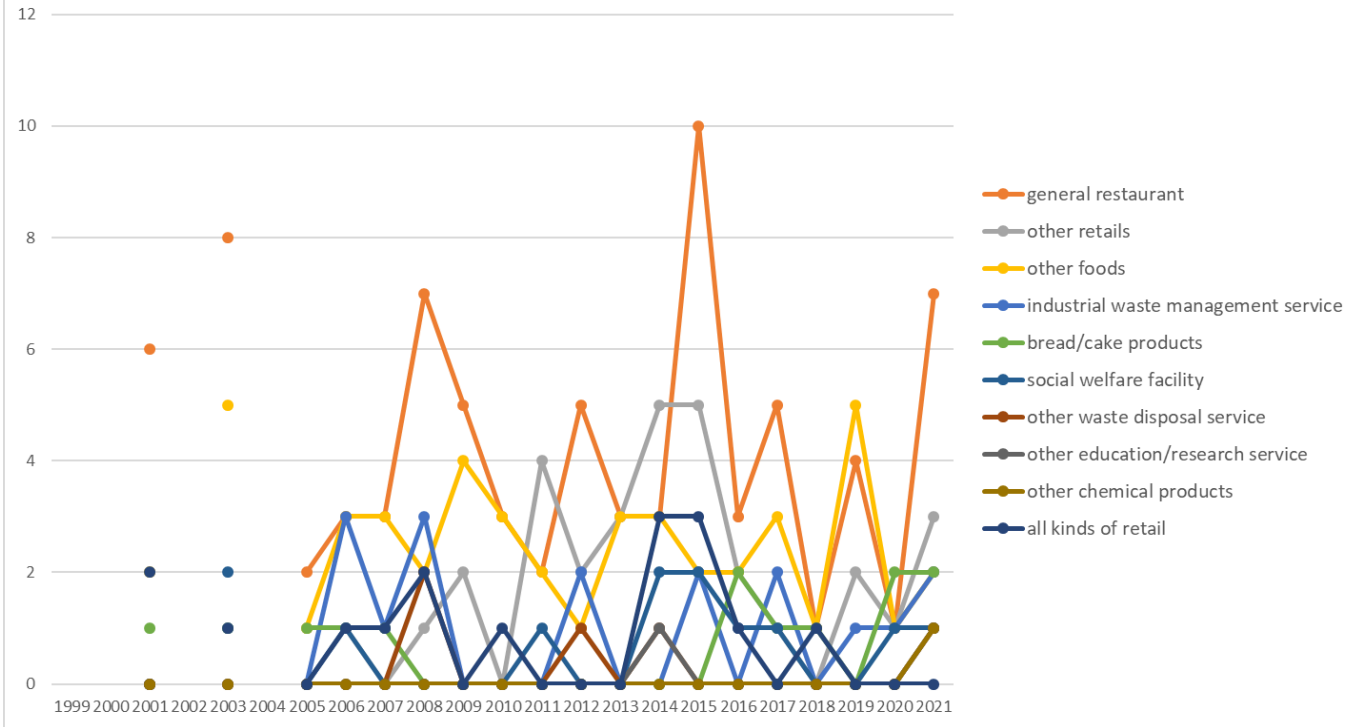
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron in Large industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents in Top7 Middle industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron 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. 349 other kiln, caldron in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron 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
14	hotel/restaurant/amusement service			7		10		4	4	4	8	5	4	3	7	4	6	13	4	7	3	7	1	7	108	hotel/restaurant/amusement service
01	manufacturing			16		18		6	15	15	7	13	8	7	6	9	7	10	19	8	15	8	12	5	204	manufacturing
08	commerce			3		1		1	3	1	3	2	1	4	2	3	8	8	4	1	2	2	1	3	53	commerce
15	commercial cleaning and livestock process					1			3	2	5				3		2	2		2		1	1	3	25	commercial cleaning and livestock process
13	health and hygiene service			2		2			2	1		1	1	1	1	2	3	2	1	1	1	1	1	1	24	health and hygiene service
12	education/research service																1							1	2	education/research service

03	construction			1		4		1	3		1	3		1	3		2	2		1		1	2	1		23	construction
17	others					1			1	1		1		2		1			1							8	others
04	transportation service													1						2						3	transportation service
05	cargo handling service													1						1						2	cargo handling service
06	agriculture																		1							1	agriculture
09	financial business/advertisement			1																						1	financial business/advertisement
02	mining																										mining
07	livestock/fishery																										livestock/fishery
10	movie/play service																										movie/play service
11	telecommunication service																										telecommunication service
16	public office																										public office
	total			30		37		12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17	20	454	total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 349 other kiln, caldron 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			7		9		3	3	3	7	5	3	3	5	4	4	10	3	7	2	5	1	7	91	restaurant
0101	food products			4		8		3	5	5	2	5	5	3	2	5	3	3	6	4	3	7	4	4	81	food products
0802	retail			2		1		1	2	1	3	2	1	4	2	3	8	8	3	1	1	2	1	3	49	retail
1501	commercial cleaning and livestock process					1			3	2	5				3		2	2		2		1	1	3	25	commercial cleaning and livestock process
0108	chemical products			1					3	1	1	2	2				1		2					1	14	chemical products
1302	social welfare facility					2			1					1			2	2	1	1			1	1	12	social welfare facility
1201	education/research service																1							1	2	education/research service
0110	steel making			1		1		1	2	2	2	2		1		2	1	2	3	1	1		2		24	steel making



0106	pulp/paper processing products																				1			1	products	
0107	printing/bookbinding																							1	printing/bookbinding	
0114	electrical equipment products																								1	electrical equipment products
0116	electric/gas/water service																								1	electric/gas/water service
0401	railroad/water transportation/airline service																								1	railroad/water transportation/airline service
0402	road passenger transport service																								1	road passenger transport service
0403	road cargo transportation service																								1	road cargo transportation service
0602	forestry																								1	forestry
0804	other commerce																								1	other commerce
0901	financial business																								1	financial business
0201	coal mining																									coal mining
0202	quarrying																									quarrying
0203	other mining																									other mining
0404	other transportation service																									other transportation service
0502	harbor transportation service																									harbor transportation service
0601	agriculture																									agriculture
0701	livestock																									livestock
0702	fishery																									fishery
0803	haircut/beauty salon																									haircut/beauty salon



140101	hotel							1		1	1		1			2	2	1		1	1					12	hotel
011209	other metal products			3		2					1		1	1			2			1						11	other metal products
130101	hospital			2						1		1	1		1	2	1				1	1				11	hospital
011301	machine products					3				1	1	1	1			1	1				1					10	machine products
140209	other restaurants			1		1		1					1		1	1				2	1	1				10	other restaurants
010101	meat/dairy products									1			1		1	1	2				1	1	1			9	meat/dairy products
011001	steel/iron/rolling products									1	1	1			1		1			2	1					8	steel/iron/rolling products
011102	nonferrous metals casting products					1		1		1									3	1			1			8	nonferrous metals casting products
010103	agricultural food products			1		1		1					2						1							7	agricultural food products
011101	nonferrous metals/rolling products									1				1		1		1		1				2		7	nonferrous metals/rolling products
011109	other nonferrous metal products					1		1		1				1								1	1			6	other nonferrous metal products
170209	others							1			1		2			1			1							6	others
011502	auto mobile products			1						1		1			1				1							5	auto mobile products
011709	other manufacturing			2		1											1	1								5	other manufacturing
030209	other building construction work					1				2					1											5	other building construction work
030309	other construction works					1				1									1		1	1				5	other construction works
010409	other lumber and wood products										1		1										2			4	other lumber and wood products
010501	wood furniture																1	2		1						4	wood furniture
010801	non organic or organic chemical products									2			1						1							4	non organic or organic chemical products
010809	chemical fertilizer products			1						1			2													4	chemical fertilizer products
010805	plastics products											1				1		1								3	plastics products



011009	other steel products						1										1				1			3	other steel products																	
030199	other civil engineering work									1														1		3	other civil engineering work															
140301	golf course								1					1												3	golf course															
010102	fishery products							1																		1		2	fishery products													
010105	alcoholic drinks														1	1												2	alcoholic drinks													
010402	plywood														1													1		2	plywood											
010806	rubber products								1	1																			2	rubber products												
010901	cement products								1	1																			2	cement products												
010909	other sand and stone products																									2			2	other sand and stone products												
011703	cleaning														1													1		2	cleaning											
030106	road construction work																												1		2	road construction work										
030202	wooden house construction work																													1		2	wooden house construction work									
030203	building facility construction work																														1		2	building facility construction work								
030302	machinery/apparatus setting work																															1		2	machinery/apparatus setting work							
050101	land cargo handling service																															1		2	land cargo handling service							
080109	other wholesale																																1		2	other wholesale						
140309	other amusement service																																	1		2	other amusement service					
150101	building maintenance service																																	1		2	building maintenance service					
010202	cotton-spinning																																		1		1	cotton-spinning				
010204	dyeing																																			1		1	dyeing			
010309	other fiber products																																				1		1	other fiber products		
010401	lumbering																																					1		1	lumbering	
010503	fittings																																						1		1	fittings











110101	telecommunication service																								telecommunication service	
120101	auto mobile practical training																								auto mobile practical training	
120102	software service																								software service	
130109	other medical treatment service																								other medical treatment service	
130301	bathhouse																								bathhouse	
130309	other health and hygiene service																								other health and hygiene service	
140302	park and amusement park																								park and amusement park	
150104	cremation service																								cremation service	
150105	livestock process service																								livestock process service	
150109	other cleaning and livestock process service																								other cleaning and livestock process service	
160101	public office																								public office	
170101	dispatch service																								dispatch service	
	total			30		37		12	31	24	24	25	16	18	19	20	30	35	30	23	22	21	17	20	454	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](https://www.jisha.or.jp/english/statistics/202212_03.html)