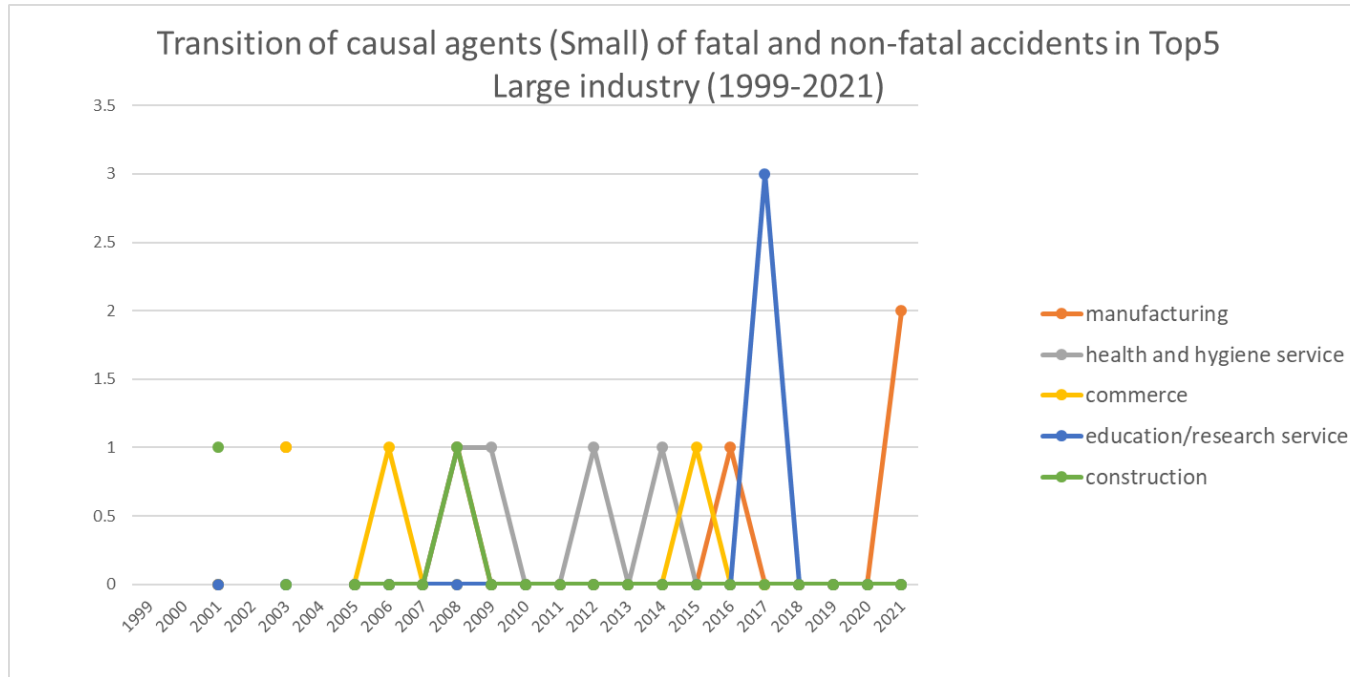
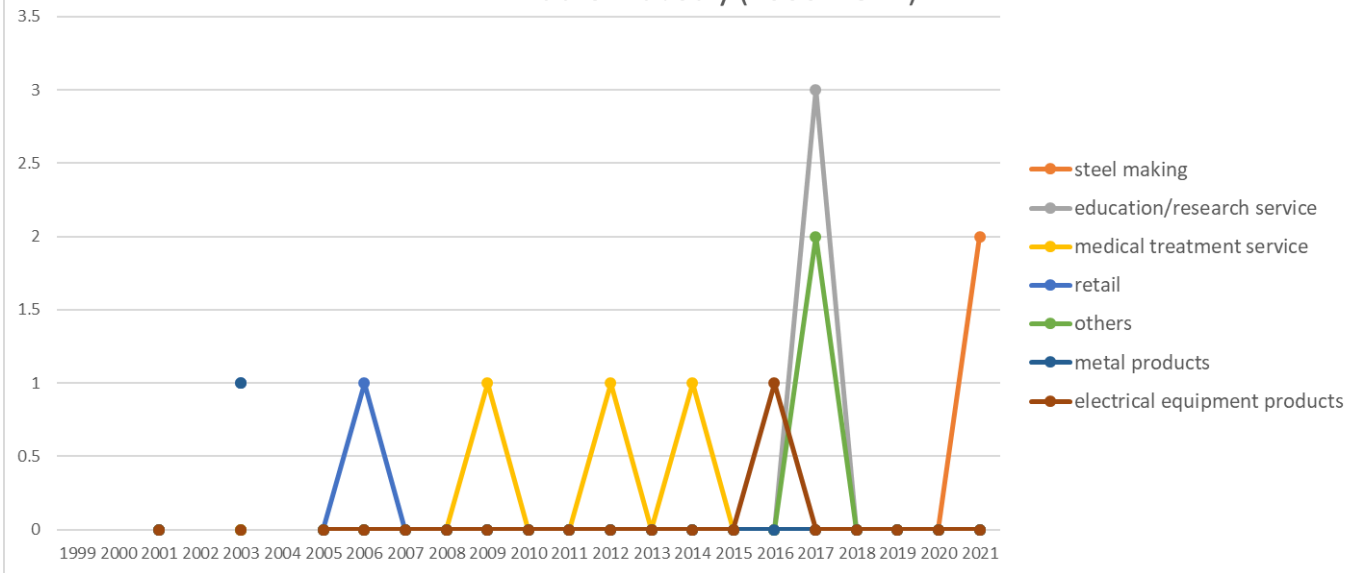


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 515 radiation (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 515 radiation 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. 515 radiation in Middle Industry (1999-2021)



04	transportation service																									transportation service
05	cargo handling service																									cargo handling service
06	agriculture																									agriculture
07	livestock/fishery																									livestock/fishery
09	financial business/advertisement																									financial business/advertisement
10	movie/play service																									movie/play service
11	telecommunication service																									telecommunication service
14	hotel/restaurant/amusement service																									hotel/restaurant/amusement service
15	commercial cleaning and livestock process																									commercial cleaning and livestock process
16	public office																									public office
	total			1	2			1	3	1			1		1	1	1	5				2	19		total	

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 515 radiation 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
0110	steel making																							2	2	steel making
1201	education/research service																			3					3	education/research service
1301	medical treatment service											1			1		1							3	medical treatment service	
0802	retail					1			1															2	retail	
1702	others																				2			2	others	
0112	metal products					1																		1	metal products	
0114	electrical equipment products																		1					1	electrical equipment	













011009	other steel products																						other steel products
011101	nonferrous metals/rolling products																						nonferrous metals/rolling products
011102	nonferrous metals casting products																						nonferrous metals casting products
011109	other nonferrous metal products																						other nonferrous metal products
011201	western tableware/cutting tool products																						western tableware/cutting tool products
011202	screw products																						screw products
011203	metal press products																						metal press products
011204	metal plating products																						metal plating products
011301	machine products																						machine products
011302	measuring instruments																						measuring instruments
011303	optical instruments																						optical instruments
011304	watch products																						watch products
011305	other precision machine products																						other precision machine products
011401	heavy electrical equipment																						heavy electrical equipment
011402	electrical appliance																						electrical appliance
011403	electronics equipment and telecommunications apparatus																						electronics equipment and telecommunications apparatus
011501	ship building																						ship building
011503	railway vehicle products																						railway vehicle products
011509	other transport equipment products																						other transport equipment 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
011702	machine repair																							machine repair
011703	cleaning																							cleaning
011704	tobacco products																							tobacco products
011709	other manufacturing																							other manufacturing
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
030105	bridge construction work																							bridge construction work
030106	road construction work																							road construction work
030107	river civil engineering work																							river civil engineering work

030108	sand collapse prevention civil engineering work																						sand collapse prevention civil engineering work
030109	land consolidation civil engineering work																						land consolidation civil engineering work
030110	water supply/sewage construction work																						water supply/sewage construction work
030111	port/seaside construction work																						port/seaside construction work
030199	other civil engineering work																						other civil engineering work
030202	wooden house construction work																						wooden house construction work
030203	building facility construction work																						building facility construction work
030209	other building construction work																						other building construction work
030301	electricity/telecommunication work																						electricity/telecommunication work
030309	other construction works																						other construction works
040101	railroad service																						railroad service
040102	water transportation service																						water transportation service
040103	airline service																						airline service
040201	taxi service																						taxi service
040202	bus service																						bus service
040209	other passenger transport service																						other passenger transport service
040301	general truck transportation service																						general truck transportation service
	specific truck transportation																						specific truck transportation





140301	golf course																					golf course		
140302	park and amusement park																					park and amusement park		
140309	other amusement service																					other amusement service		
150101	building maintenance service																					building maintenance service		
150102	industrial waste management service																					industrial waste management service		
150103	other waste disposal service																					other waste disposal service		
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		
170201	security service																					security service		
170202	information processing service																					information processing service		
	total			1		2			1		3	1			1		1	1	1	5		2	19	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)