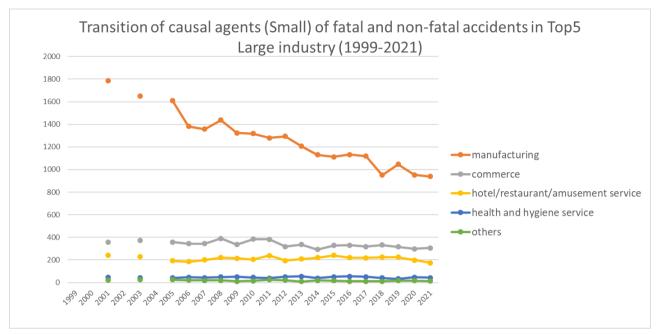
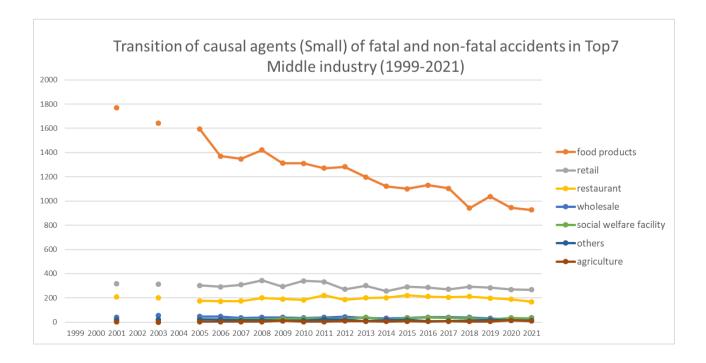
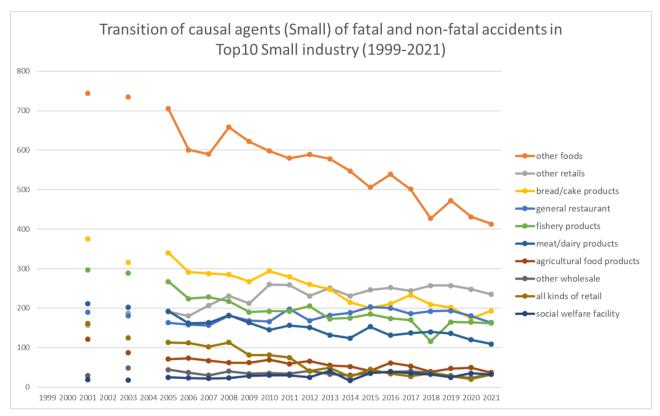
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 165 food manufacturing machine (1999-2021)



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 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)

			1																	1					1	
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			240		231		193	185	201	220	214	204	239	195	208	220	241	221	219	224	224	198	175	4,052	hotel/restaurant/amusement
14	service			240		231		193	165	201	220	214	204	239	195	200	220	241	221	219	224	224	196	1/3	4,032	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
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
1301	inedical treatment service			20		20			24	.,	24		12		24										312	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
.201	Cadada and Trace and Trace																<u> </u>									service

0113	machine products	3	5	4	2	4	3	3	2	2	3		6	4		10	4	2	4	7	68	machine products
1501	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
1401	hotel	22	18	15	11	18	14	19	14	14	7	6	9	11	5	10	8	17	6	5	229	hotel
0804	other commerce	2	5	8	7	1	7	4	8	9	2	1	4	1	3	6	2	1	4	4	79	other commerce
0117	other manufacturing	4	2	7	2	2	9	3	3	5	5	4	2	4	1	2	3	4	3	3	68	other manufacturing
1303	other health and hygiene service				1	4	2	4	3	2	2	2	2	1	2	4			1	3	33	other health and hygiene service
0701	livestock	3	1		1	1	1	1		3		2	1	4	3		1	2	2	2	28	livestock
1403	other amusement service	8	11	2	1	8	5	5	6	4	2	1	8	10	5	4	5	8	3	1	97	other amusement service
1701	dispatch service	3	5	3	1	4	3		3	1	3		2		2	1	1		2	1	35	dispatch service
0108	chemical products	1	1	2	1	2		4		1	1	1		2	1		2		1	1	21	chemical products
0302	construction work		1			1			1	1						1				1	6	construction work
1601	public office	2	3	7	1		2		2	2	1	1	1	1	1		4		1		29	public office
0702	fishery	1	3	3		3	1	1		1	1	2	1	1	3	1	1				23	fishery
0501	land cargo handling service		1	3	1	1		2		2		1	3	2	1						17	land cargo handling service
0112	metal products	1	1	3	2			1	2						1	1		2			14	metal products
0403	road cargo transportation service	2		1		2	3	1				1				1	2		1		14	road cargo transportation service
0303	other construction works	1		1		1		2				1		1	2		1				10	other construction works
1001	movie/play service		2		1	2	1			1		1		1	1						10	movie/play service
0107	printing/bookbinding			1	2			1			2	1						1			8	printing/bookbinding
0106	pulp/paper processing products	2			1		3														6	pulp/paper processing products
0901	financial business			1	1	1		1				1									5	financial business
																						sand and stone

0109	sand and stone products		1									1		1		1			4	products
0401	railroad/water transportation/airline service											1	1	1		1			4	railroad/water transportation/airline service
0902	advertisement and mediator			1							1				1	1			4	advertisement and mediator
0104	wood products		3																3	wood products
0111	nonferrous metal making		1	1				1											3	nonferrous metal making
0102	textile products						1						1						2	textile products
0114	electrical equipment products				1							1							2	electrical equipment products
0115	transport equipment products					1	1												2	transport equipment products
0103	fiber products									1									1	fiber products
0202	quarrying																	1	1	quarrying
0502	harbor transportation service					1													1	harbor transportation service
0602	forestry											1							1	forestry
1101	telecommunication service										1								1	telecommunication service
0105	furniture																			furniture
0110	steel making																			steel making
0116	electric/gas/water service																			electric/gas/water service
0201	coal mining																			coal mining
0203	other mining																			other mining
0301	civil engineering work																			civil engineering work
																				road passenger

0402	road passenger transport service																						transport service
0404	other transportation service																						other transportation service
0803	haircut/beauty salon																						haircut/beauty salon
	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 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
	,	1333	2000		2002		2001]		<u> </u>							
010109	other foods			744		735		705	601	590	658	622	598	580	589	578	547	506	539	501	427	472	431	413	10,830	other foods
080209	other retails			156		187		191	180	207	231	212	260	259	231	251	231	246	252	244	257	257	248	235	4,335	other retails
010104	bread/cake products			375		316		340	291	288	285	267	294	279	260	248	215	200	211	233	209	202	174	193	4,880	bread/cake products
140201	general restaurant			190		181		163	158	156	181	168	166	198	168	182	188	203	200	186	192	193	180	163	3,416	general restaurant
010102	fishery products			297		289		267	224	228	217	190	192	192	205	173	175	185	174	170	116	165	164	162	3,785	fishery products
010101	meat/dairy products			211		202		192	162	163	182	163	145	156	151	132	124	153	131	137	140	136	120	109	2,909	meat/dairy products
010103	agricultural food products			121		87		71	73	67	62	62	69	59	66	55	52	41	61	53	39	47	49	37	1,171	agricultural food products
080109	other wholesale			29		48		44	37	30	40	34	35	34	41	33	30	36	39	40	37	29	23	34	673	other wholesale
080201	all kinds of retail			161		125		113	112	102	113	81	81	75	41	49	26	45	34	27	35	27	20	32	1,299	all kinds of retail
130201	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
170209	others			19		19		22	20	15	17	12	13	25	18	10	17	18	10	10	11	18	15	13	302	others
060101	agriculture			2				3	2	4	4	12	4	4	9	8	6	8	5	8	6	5	15	10	115	agriculture
130101	hospital			25		26		15	22	17	21	18	11	7	22	13	20	13	15	13	9	9	11	7	294	hospital
	other education/research																									other education/research
120109	service			3				8	9	14	13	6	9	4	5	4	4	6	5	7	8		10	/	136	service
010105	alcoholic drinks			11		6		10	10	5	6	5	8	4	6	5	5	10	9	5	10	8	4	7	134	alcoholic drinks
011301	machine products			3		5		4	2	4	2	3	2	2	2		6	4		10	4	2	3	7	65	machine products
140209	other restaurants			20		21		13	15	19	20	22	18	23	18	19	15	17	11	19	19	6	9	6	310	other restaurants
010106	soft drinks			10		7		9	9	7	11	3	4	1	5	7	3	6	5	5		7	3	6	108	soft drinks

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	bathhouse					1	4	2	3	2	2	2	1	2		2	3				2	26	bathhouse
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	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

	service																				service
030302	machinery/apparatus setting work		1		1		1		2			1		1	2					9	machinery/apparatus setting work
010701	printing service				1	2			1		1	1						1		7	printing service
070201	fishery		1	1	2		1					1					1			7	fishery
010801	non organic or organic chemical products				1		1		2		1						1			6	non organic or organic chemical products
010899	other chemical products			1								1		1	1		1		1	6	other chemical products
010805	plastics products				1	1			1	1				1						5	plastics products
100109	other movie/play service			2		1	1	1												5	other movie/play service
080204	fuel retail											1		1	1				1	4	fuel retail
090209	other advertisement and mediator			1							1				1	1				4	other advertisement and mediator
100102	movie theatre						1			1				1	1					4	movie theatre
130102	general clinic					1					1			1			1			4	general clinic
010602	paper processing products		1			1		1												3	paper processing products
010609	other pulp/paper processing products		1					2												3	other pulp/paper processing products
010909	other sand and stone products		1									1				1				3	other sand and stone
011702	machine repair							1		1		1								3	machine repair
090101	banking/trust business				1		1					1								3	banking/trust business
010209	other textile products						1						1							2	other textile products
011109	other nonferrous metal products		1	1																2	other nonferrous metal products
011305	other precision machine products							1			1									2	other precision machine products
011509	other transport equipment products					1	1													2	other transport equipment products

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

011409	other electrical equipment				1											1	other electrical equipment
020209	other quarrying														1	1	other quarrying
030202	wooden house construction work								1							1	wooden house construction work
030309	other construction works													1		1	other construction works
040303	cargo/ light automobile transportation service						1									1	cargo/ light automobile transportation service
050209	other harbor transportation service					1										1	other harbor transportation service
060201	lumbering										1					1	lumbering
080102	furniture/fittings wholesale							1								1	furniture/fittings wholesale
100101	movie production and delivery service										1					1	movie production and delivery service
110101	telecommunication service									1						1	telecommunication service
170201	security service			1												1	security service
010201	silk-reeling																silk-reeling
010202	cotton-spinning																cotton-spinning
010203	weaving																weaving
010204	dyeing																dyeing
010309	other fiber products																other fiber products
010501	wood furniture																wood furniture
010502	metal furniture																metal furniture
010503	fittings																fittings
010509	other furniture																other furniture
010601	pulp/paper																pulp/paper
010709	other printing and bookbinding																other printing and bookbinding
010802	chemical fiber																chemical fiber

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													nonferrous metals casting
011102	products													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
011600	other electric/gas/water													other electric/gas/water
011609	service													service
011701	auto mobile servicing													auto mobile servicing

011703	cleaning																							cleaning
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
020301	metal mining																							metal mining
020302	petroleum mining																							petroleum mining
020309	other mining																							other mining
030101	hydroelectric plant																							hydroelectric plant
030101	construction work																							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																							sand collapse prevention civil
030100	engineering work																							engineering work
030109	land consolidation civil																							land consolidation civil
	engineering work																							engineering work
030110																								water supply/sewage
	construction work																							construction work
030111	port/seaside construction																							port/seaside construction
	work																							work
030199	other civil engineering work																							other civil engineering work
030301	electricity/telecommunication																							electricity/telecommunication
	work																							work
II	II	11 II	II		II I	I	ll l		I	II	II	II I	1	1 1	ı II	I I			ı II				ı II	ıl

040101	railroad service																							railroad service
040201	taxi service																							taxi service
040202	bus service																							bus service
040209	other passenger transport service																							other passenger transport service
040309	other land cargo transportation service																							other land cargo transportation service
040409	other transportation service																							other transportation service
050201	general harbor transportation service																							general harbor transportation service
050202	port cargo handling service																							port cargo handling service
060209	other forestry																							other forestry
080202	auto mobile retail																							auto mobile retail
080203	furniture/fittings retail																							furniture/fittings retail
080205	newspaper retail																							newspaper retail
080301	haircut																							haircut
080302	beauty salon																							beauty salon
090102	stock/commodity trade business																							stock/commodity trade
090103	insurance business																							insurance business
090201	traveling service																							traveling service
120102	software service																							software service
150103	other waste disposal service																							other waste disposal service
150104	cremation service																							cremation service
170202	information processing service																							information processing service
	total	2	2,476	2	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

https://www.jisha.or.jp/english/statistics/202212_03.html