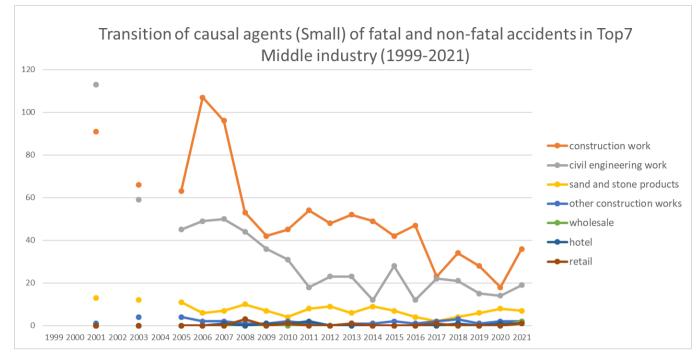
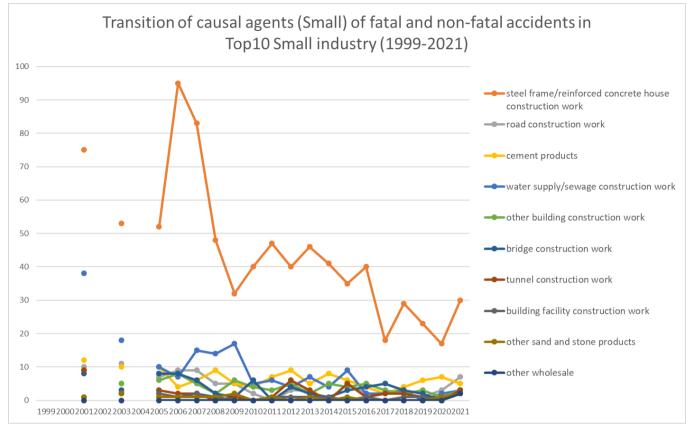


Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Large industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Middle Industry (1999-2021)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Small Industry (1999-2021)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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
03	construction			205		129		112	158	148	98	79	78	73	71	76	62	72	60	47	58	44	34	57	1,661	construction
01	manufacturing			14		14		13	6	10	13	8	5	10	11	7	9	8	5	2	5	6	11	9	166	manufacturing
08	commerce							2		1	3		1			1				1				3	12	commerce
14	hotel/restaurant/amusement					1		1	1	1		1	1	2							2		1	2	13	hotel/restaurant/amusement
	service									<u> </u>				2							2			2		service
13	health and hygiene service					2		1	1					1	1			2					1	2	11	health and hygiene service
07	livestock/fishery							1										1						1	3	livestock/fishery
02	mining																				1			1	2	mining

04	transportation service			2	1	1	1			1			1				2					9	transportation service
17	others		2		1	2								1				1		2		9	others
15	commercial cleaning and		2				2	1														5	commercial cleaning and
	livestock process		2				2	Ľ															livestock process
06	agriculture		1								1											2	agriculture
11	telecommunication service						1						1									2	telecommunication service
05	cargo handling service							1														1	cargo handling service
09	financial																						financial
0,	business/advertisement																						business/advertisement
10	movie/play service																						movie/play service
12	education/research service																						education/research service
16	public office																						public office
	total		224	148	132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	1,896	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering 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
0302	construction work			91		66		63	107	96	53	42	45	54	48	52	49	42	47	23	34	28	18	36	994	construction work
0301	civil engineering work			113		59		45	49	50	44	36	31	18	23	23	12	28	12	22	21	15	14	19	634	civil engineering work
0109	sand and stone products			13		12		11	6	7	10	7	4	8	9	6	9	7	4	2	4	6	8	7	140	sand and stone
														Ľ				Ĺ	<u> </u>		<u> </u>	Ľ	Ľ			products
0303	other construction works			1		4		4	2	2	1	1	2	1		1	1	2	1	2	3	1	2	2	33	other construction
				Ŀ										Ŀ								<u> </u>				works
0801	wholesale																							2	2	wholesale
1401	hotel									1		1	1	2							1		1	1	8	hotel
0802	retail										3		1			1				1				1	7	retail
1302	social welfare facility					1			1					1	1			1						1	6	social welfare facility

0117	other manufacturing							2										1	1	1	5	other manufacturing
1301	medical treatment service			1	1														1	1	4	medical treatment service
1402	restaurant				1													1		1	3	restaurant
0111	nonferrous metal making																			1	1	nonferrous metal making
0202	quarrying																			1	1	quarrying
0701	livestock																			1	1	livestock
0403	road cargo transportation service			2	1	1	1			1			1				2				9	road cargo transportation service
1702	others		2		1	2								1				1	2		9	others
0101	food products								1		1	1			1				1		5	food products
0112	metal products		1				1	1		1						1					5	metal products
1501	commercial cleaning and livestock process		2				2	1													5	commercial cleaning and livestock process
0115	transport equipment products			1	1														1		3	transport equipment products
0804	other commerce				2		1														3	other commerce
0103	fiber products				1							1									2	fiber products
0104	wood products						1						1								2	wood products
0602	forestry		1								1										2	forestry
0702	fishery				1										1						2	fishery
1101	telecommunication service						1						1								2	telecommunication service
1403	other amusement service			1		1															2	other amusement service
0108	chemical products										1										1	chemical products

0110	steel making					1									1	steel making
0116	electric/gas/water service		1												1	electric/gas/water service
0201	coal mining												1		1	coal mining
0502	harbor transportation service						1								1	harbor transportation service
1303	other health and hygiene service										1				1	other health and hygiene service
0102	textile products															textile products
0105	furniture															furniture
0106	pulp/paper processing products															pulp/paper processing products
0107	printing/bookbinding															printing/bookbinding
0113	machine products															machine products
0114	electrical equipment products															electrical equipment products
0203	other mining															other mining
0401	railroad/water transportation/airline service															railroad/water transportation/airline service
0402	road passenger transport service															road passenger transport service
0404	other transportation service															other transportation service
0501	land cargo handling service															land cargo handling service
0601	agriculture															agriculture
0803	haircut/beauty salon															haircut/beauty salon

0901	financial business																						financial business
0902	advertisement and mediator																						advertisement and
																							mediator
1001	movie/play service																						movie/play service
1201	education/research service																						education/research
1201																							service
1601	public office																						public office
1701	dispatch service																						dispatch service
	total		224	148	132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	1,896	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 412 timbering in Small industry (1999-2021)

code	Small industry	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2 2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Small industry
	steel frame/reinforced																									steel frame/reinforced
030201	concrete house construction			75		53		52	95	83	48	32	40	47	40	46	41	35	40	18	29	23	17	30	844	concrete house construction
	work																									work
030106	road construction work			10		11		7	9	9	5	5	2		3	3		5	2	2	2	1	3	7	86	road construction work
010901	cement products			12		10		10	4	6	9	5	4	7	9	5	8	6	4	2	4	6	7	5	123	cement products
030110	water supply/sewage			20		18		10	7	15	14	17	5	6		7		9						3	166	water supply/sewage
	construction work			38		10		10	/	15	14	17	5	0	4	/	4	9	Z	Z	5		Z	5	166	construction work
030209	other building construction			9		E		6	8	5	2	6		3	5	2	5		5	3	2	3	1	3	81	other building construction
	work			9		5		0	o	5	2	0	4	5	5	Z	5	4	5	5	2	5	1	5	01	work
030105	bridge construction work			8		3		8	8	6	2	1	6		4	2	1	3	4	5	3	2		3	69	bridge construction work
030102	tunnel construction work			9		2		3	2	2		1		1	6	3		5	1	2	2	1		3	43	tunnel construction work
020202	building facility construction			1		2		2	1	_				1	1	1	1		1						18	building facility construction
030203	work			1		2		2	1	2							1		1					2		work
010909	other sand and stone			1		2		1	1	1	1	2		1		1		1					1	2	15	other sand and stone

	products																						products
080109	other wholesale																				2	2	other wholesale
030202	wooden house construction work	e	6	6	3	3	6	2	4	1	3	2	3	2	3	1	2	2	1		1	51	wooden house construction work
030109	land consolidation civil engineering work	9	9	6	2	3	3	2	2	2	2	1	1	1			1	2	3	2	1	43	land consolidation civil engineering work
030107	river civil engineering work	e	6	3	3	5	1	2	2	2	2		1	2	2	1	1	1		1	1	36	river civil engineering work
030111	port/seaside construction work	3	3	2		2	1	4		6	1			2	1		2		2	1	1	28	port/seaside construction work
030309	other construction works	•	1	4	3	2	2	1	1	2	1		1	1	2	1	1	1	1	2	1	28	other construction works
140101	hotel						1		1	1	2							1		1	1	8	hotel
130201	social welfare facility			1		1					1	1			1						1	6	social welfare facility
011709	other manufacturing							2										1		1	1	5	other manufacturing
030302	machinery/apparatus setting work																1	1			1	3	machinery/apparatus setting work
080209	other retails									1			1								1	3	other retails
130101	hospital			1																1	1	3	hospital
140201	general restaurant																	1			1	2	general restaurant
011102	nonferrous metals casting products																				1	1	nonferrous metals casting products
020209	other quarrying																				1	1	other quarrying
070101	livestock																				 1	1	livestock
030199	other civil engineering work		22	9	9	9	9	10	5	5	5	5	5	2	2	2	7	8	5	5		124	other civil engineering work
030108	sand collapse prevention civil engineering work	6	6	3	2	2	2	3	1	1	1								1			22	sand collapse prevention civil engineering work
030103	subway construction work	-	2	1		1		1	2	1					1							9	subway construction work
040301	general truck transportation			2	1	1	1			1			1				2					9	general truck transportation

	service																				service
170209	others		1		1									1				1	2	6	others
011209	other metal products		1				1	1		1						1				5	other metal products
030104	railway construction work			1		1		1		1			1							5	railway construction work
010109	other foods								1			1			1				1	4	other foods
011501	ship building			1	1														1	3	ship building
030101	hydroelectric plant construction work				1		2													3	hydroelectric plant construction work
080409	other commerce				2		1													3	other commerce
150101	building maintenance service		2				1													3	building maintenance service
170201	security service		1			2														3	security service
010905	other ceramic products					1								1						2	other ceramic products
030301	electricity/telecommunication work				1													1		2	electricity/telecommunication work
060201	lumbering		1								1									2	lumbering
080201	all kinds of retail							2												2	all kinds of retail
080205	newspaper retail							1									1			2	newspaper retail
110101	telecommunication service						1						1							2	telecommunication service
010104	bread/cake products										1									1	bread/cake products
010301	over/under wear				1															1	over/under wear
010309	other fiber products											1								1	other fiber products
010402	plywood						1													1	plywood
010409	other lumber and wood products												1							1	other lumber and wood products
010805	plastics products										1									1	plastics products
011002	casting products						1													1	casting products
011602	city gas service			1																1	city gas service

	L				 				!	 !	 			!	 		<u>1</u>
020101	general coal mining													1		1	general coal mining
050209	other harbor transportation service							1								1	other harbor transportation service
070201	fishery				1											1	fishery
070209	other fishery											1				1	other fishery
130109	other medical treatment service				1											1	other medical treatment service
130301	bathhouse											1				1	bathhouse
140209	other restaurants				1											1	other restaurants
140301	golf course					1										1	golf course
140309	other amusement service			1												1	other amusement service
150103	other waste disposal service							1								1	other waste disposal service
150109	other cleaning and livestock process service						1									1	other cleaning and livestock process service
010101	meat/dairy products																meat/dairy products
010102	fishery products																fishery products
010103	agricultural food products																agricultural food products
010105	alcoholic drinks																alcoholic drinks
010106	soft drinks																soft drinks
010201	silk-reeling																silk-reeling
010202	cotton-spinning																cotton-spinning
010203	weaving																weaving
010204	dyeing																dyeing
010209	other textile products																other textile products
010401	lumbering																lumbering
010501	wood furniture																wood furniture

010502 metal furnitu	ıre									metal furniture
010503 fittings										fittings
010509 other furnitu	ire									other furniture
010601 pulp/paper										pulp/paper
010602 paper proces	ssing products									paper processing products
010609 other pulp/p products	aper processing									other pulp/paper processing products
010701 printing serv	ice									printing service
010702 bookbinding										bookbinding
010709 other printin bookbinding										other printing and bookbinding
010801 non organic chemical pro										non organic or organic chemical products
010802 chemical fibe	er									chemical fiber
010803 pharmaceuti	cals									pharmaceuticals
010804 petroleum/co	oal products									petroleum/coal products
010806 rubber produ	ucts									rubber products
010807 leather prod	ucts									leather products
010808 painting pro	ducts									painting products
010809 chemical fert	tilizer products									chemical fertilizer products
010899 other chemic	cal products									other chemical products
010902 glass produc	ts									glass products
010903 pottery prod	ucts									pottery products
010904 fire resisting	products									fire resisting products
011001 steel/iron/rol	lling products									steel/iron/rolling products
011009 other steel p	roducts									other steel products
nonferrous n	netals/rolling									nonferrous metals/rolling

011101						1		 -		1
	products									products
011109	other nonferrous metal									other nonferrous metal
	products									products
011201	western tableware/cutting									western tableware/cutting
	tool products									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									other precision machine
	products									products
011401	heavy electrical equipment									heavy electrical equipment
011402	electrical appliance									electrical appliance
	electronics equipment and									electronics equipment and
011403	telecommunications									telecommunications
	apparatus									apparatus
011409	other electrical equipment									other electrical equipment
011502	auto mobile products									auto mobile products
011503	railway vehicle products									railway vehicle products
011509	other transport equipment									other transport equipment
011509	products									products
011601	electric utility service									electric utility service
011603	city water service									city water service
	other electric/gas/water									other electric/gas/water

011609													
	service							 					service
011701	auto mobile servicing												auto mobile servicing
011702	machine repair												machine repair
011703	cleaning												cleaning
011704	tobacco products												tobacco products
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
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
0.40200	other passenger transport												other passenger transport
040209	service												service
040302	specific truck transportation												specific truck transportation
040302	service												service
040303	cargo/ light automobile												cargo/ light automobile
	transportation service												transportation service
040309	other land cargo												other land cargo
0-0309	transportation service												transportation service
040409	other transportation service												other transportation service
050101	land cargo handling service												land cargo handling service

050201	general harbor transportation service										general harbor transportation service
050202	port cargo handling service										port cargo handling service
060101	agriculture										agriculture
060209	other forestry										other forestry
080101	all kinds of wholesale										all kinds of wholesale
080102	furniture/fittings wholesale										furniture/fittings wholesale
080202	auto mobile retail										auto mobile retail
080203	furniture/fittings retail										furniture/fittings retail
080204	fuel retail										fuel retail
080301	haircut										haircut
080302	beauty salon										beauty salon
080401	warehousing										warehousing
090101	banking/trust business										banking/trust business
090102	stock/commodity trade business										stock/commodity trade business
090103	insurance business										insurance business
090109	other financial business										other financial business
090201	traveling service										traveling service
090209	other advertisement and mediator										other advertisement and mediator
100101	movie production and delivery service										movie production and delivery service
100102	movie theatre										movie theatre
100109	other movie/play service										other movie/play service
120101	auto mobile practical training										auto mobile practical training
120102	software service										software service

120109	other education/research service																						other education/research service
130102	general clinic																						general clinic
130309	other health and hygiene service																						other health and hygiene service
140302	park and amusement park																						park and amusement park
150102	industrial waste management service																						industrial waste management service
150104	cremation service																						cremation service
150105	livestock process service																						livestock process service
160101	public office																						public office
170101	dispatch service																						dispatch service
170202	information processing service																						information processing service
	total	2	224	148	132	169	164	116	88	86	87	83	86	72	83	65	52	67	50	49	75	1,896	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