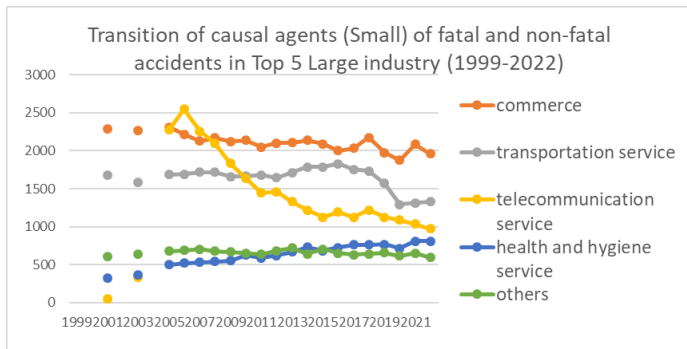
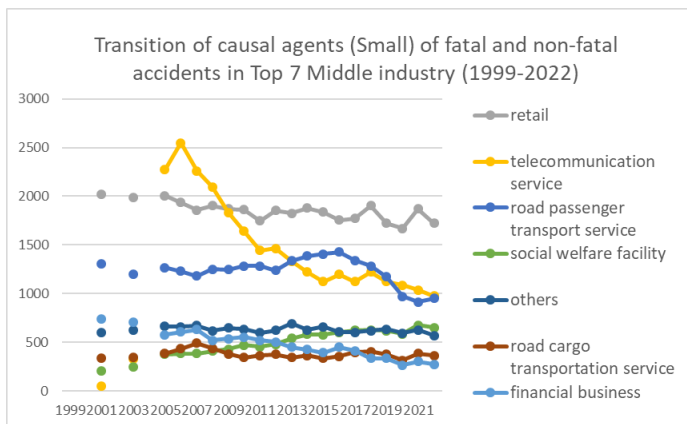


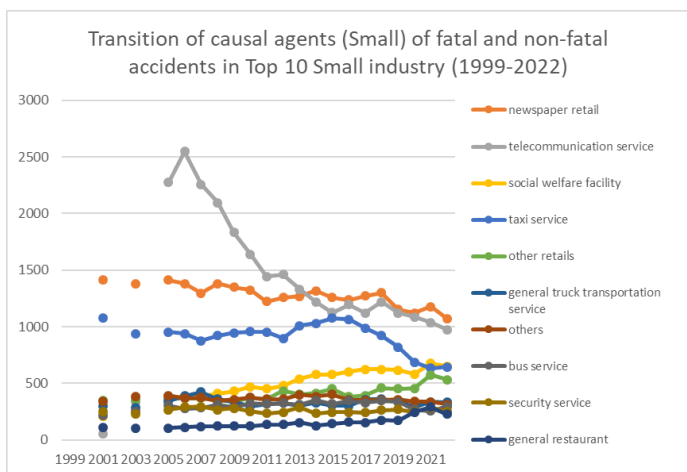
Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 231 cars, bus, motorcycle (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 231 cars, bus, motorcycle in Large industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 231 cars, bus, motorcycle in Middle Industry (1999-2022)



Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 231 cars, bus, motorcycle in Small Industry (1999-2022)

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 231 cars, bus, motorcycle in Large industry (1999-2022)

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	2022	total	Large industry
08	commerce			2,292		2,264		2,310	2,217	2,126	2,168	2,124	2,138	2,048	2,099	2,106	2,137	2,091	2,000	2,035	2,173	1,973	1,875	2,084	1,957	42,217	commerce
04	transportation service			1,681		1,579		1,687	1,691	1,717	1,718	1,660	1,667	1,683	1,645	1,715	1,786	1,784	1,826	1,753	1,735	1,572	1,295	1,314	1,332	32,840	transportation service
11	telecommunication service			51		331		2,273	2,548	2,258	2,096	1,833	1,639	1,445	1,462	1,331	1,220	1,124	1,195	1,123	1,221	1,123	1,086	1,037	975	27,371	telecommunication service
13	health and hygiene service			329		369		500	519	531	544	551	626	590	619	668	731	685	728	761	763	769	716	812	811	12,622	health and hygiene service
17	others			608		639		676	690	703	679	666	650	635	686	718	641	703	650	632	643	656	615	653	594	13,137	others
03	construction			581		602		581	574	478	468	412	428	448	514	488	569	491	490	464	462	455	462	387	384	9,738	construction
14	hotel/restaurant/amusement service			270		248		255	240	277	273	249	244	258	251	252	255	270	247	278	305	280	338	391	321	5,502	hotel/restaurant/amusement service
01	manufacturing			717		578		570	559	575	537	449	520	457	360	413	372	390	372	365	393	378	326	342	320	8,993	manufacturing
09	financial business/advertisement			759		738		601	636	659	553	564	587	546	523	474	446	419	473	443	361	364	287	322	298	10,053	financial business/advertisement
15	commercial cleaning and livestock process			168		165		195	186	191	190	160	173	165	182	172	183	173	142	164	184	161	143	118	151	3,366	commercial cleaning and livestock process
12	education/research service			81		75		91	72	114	91	65	64	70	79	77	70	74	63	67	65	82	62	78	94	1,534	education/research service
05	cargo handling service			26		29		34	27	63	40	34	41	16	24	31	33	17	22	26	38	39	40	27	31	638	cargo handling service
06	agriculture			36		39		32	33	31	24	37	48	38	47	31	23	41	34	42	36	36	38	37	28	711	agriculture
07	livestock/fishery			21		18		25	16	24	15	15	23	18	12	17	17	8	13	12	8	13	19	10	11	315	livestock/fishery
16	public office			1		27		91	24	8	9	7	1	4	7	3	5	3	12	6	5	6	4	9	7	239	public office
10	movie/play service			8		10		4	2	2	7	2	4	7	4	12	5	6	8	5	2	2	4	7	4	105	movie/play service
02	mining			4		7		6	5	4	2		1	3	2	1	3	2	4	3	2	4	1	6	2	62	mining
	total			7,633		7,718		9,931	10,039	9,761	9,414	8,828	8,854	8,431	8,516	8,509	8,496	8,281	8,279	8,179	8,396	7,913	7,311	7,634	7,320	169,443	total

Transition of causal agents (Small) of fatal and non-fatal accidents as code no. 231 cars, bus, motorcycle in Middle industry (1999-2022)

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	2022	total	Middle industry
0802	retail			2,017		1,988		2,007	1,936	1,856	1,903	1,868	1,861	1,746	1,852	1,826	1,880	1,839	1,753	1,770	1,902	1,723	1,669	1,868	1,723	36,987	retail
1101	telecommunication service			51		331		2,273	2,548	2,258	2,096	1,833	1,639	1,445	1,462	1,331	1,220	1,124	1,195	1,123	1,221	1,123	1,086	1,037	975	27,371	telecommunication service
0402	road passenger transport service			1,307		1,197		1,267	1,229	1,179	1,251	1,244	1,282	1,284	1,237	1,338	1,385	1,407	1,427	1,341	1,284	1,171	969	912	951	24,662	road passenger transport service
1302	social welfare facility			209		247		375	384	384	409	430	470	453	478	540	579	578	601	622	624	617	583	675	652	9,910	social welfare facility
1702	others			596		621		663	660	673	619	647	633	598	621	692	624	659	607	602	617	634	593	628	569	12,556	others
0403	road cargo transportation service			339		343		383	433	489	439	378	341	363	376	344	365	335	355	396	403	376	314	383	362	7,517	road cargo transportation service
0901	financial business			738		710		577	605	631	521	534	551	519	502	451	423	392	450	411	333	335	266	302	274	9,525	financial business
1402	restaurant			120		117		132	129	139	146	146	138	154	158	166	145	168	174	176	203	191	271	313	253	3,439	restaurant
0302	construction work			245		253		266	268	214	206	167	189	243	228	204	290	227	216	225	208	204	236	168	165	4,422	construction work
1501	commercial cleaning and livestock process			168		165		195	186	191	190	160	173	165	182	172	183	173	142	164	184	161	143	118	151	3,366	commercial cleaning and livestock process
1301	medical treatment service			102		96		93	111	120	109	102	129	114	119	110	132	87	115	119	124	132	128	127	149	2,318	medical treatment service
0801	wholesale			200		187		208	184	175	173	154	176	184	159	178	170	148	158	158	167	141	124	135	136	3,315	wholesale
0301	civil engineering work			240		237		189	187	157	143	144	150	119	155	153	133	125	145	117	128	118	125	113	127	3,005	civil engineering work
1201	education/research service			81		75		91	72	114	91	65	64	70	79	77	70	74	63	67	65	82	62	78	94	1,534	education/research service
0303	other construction works			96		112		126	119	107	119	101	89	86	131	131	146	139	129	122	126	133	101	106	92	2,311	other construction works

0804	other commerce			67		80		80	85	88	86	95	93	104	76	90	79	96	81	95	94	106	75	76	90	1,736	other commerce
0117	other manufacturing			202		155		147	138	133	137	131	126	121	96	105	104	107	93	100	88	108	90	92	80	2,353	other manufacturing
0101	food products			137		105		138	116	139	126	98	127	100	70	120	90	88	78	83	76	90	71	74	74	2,000	food products
1403	other amusement service			106		88		89	89	102	98	73	84	78	74	62	77	77	58	78	74	68	49	63	48	1,535	other amusement service
0112	metal products			58		42		32	44	35	44	33	37	27	28	28	26	21	33	27	32	22	25	23	34	651	metal products
1701	dispatch service			12		18		13	30	30	60	19	17	37	65	26	17	44	43	30	26	22	22	25	25	581	dispatch service
0115	transport equipment products			51		46		44	55	63	45	37	48	24	23	27	14	34	35	26	44	39	36	37	24	752	transport equipment products
0902	advertisement and mediator			21		28		24	31	28	32	30	36	27	21	23	23	27	23	32	28	29	21	20	24	528	advertisement and mediator
0501	land cargo handling service			16		18		26	18	45	33	34	31	12	17	26	26	11	15	16	31	14	28	19	23	459	land cargo handling service
0108	chemical products			23		34		28	17	20	14	21	20	23	20	12	10	7	19	20	20	23	21	14	21	387	chemical products
1401	hotel			44		43		34	22	36	29	30	22	26	19	24	33	25	15	24	28	21	18	15	20	528	hotel
0601	agriculture			26		15		17	18	17	12	25	17	27	20	20	18	28	24	38	29	21	25	24	20	441	agriculture
0116	electric/gas/water service			40		53		25	20	35	30	30	24	20	21	23	26	21	17	24	24	22	16	15	16	502	electric/gas/water service
0104	wood products			10		11		6	5	5	4	4	7	4	9	8	6	10	3	4	5	5	4	4	15	129	wood products
0114	electrical equipment products			44		33		54	34	29	50	29	36	38	26	17	32	24	18	20	22	17	14	22	13	572	electrical equipment products
0401	railroad/water transportation/airline service			25		30		28	18	34	21	31	21	21	21	21	22	26	31	14	42	14	7	11	11	449	railroad/water transportation/airline service
1303	other health and hygiene service			18		26		32	24	27	26	19	27	23	22	18	20	20	12	20	15	20	5	10	10	394	other health and hygiene service
0109	sand and stone products			25		20		13	17	13	12	9	11	9	13	10	11	11	6	11	8	10	9	12	10	240	sand and stone products
0602	forestry			10		24		15	15	14	12	12	31	11	27	11	5	13	10	4	7	15	13	13	8	270	forestry
0404	other transportation service			10		9		9	11	15	7	7	23	15	11	12	14	16	13	2	6	11	5	8	8	212	other transportation service
0502	harbor transportation service			10		11		8	9	18	7		10	4	7	5	7	6	7	10	7	25	12	8	8	179	harbor transportation service
0803	haircut/beauty salon			8		9		15	12	7	6	7	8	14	12	12	8	8	8	12	10	3	7	5	8	179	haircut/beauty salon
1601	public office			1		27		91	24	8	9	7	1	4	7	3	5	3	12	6	5	6	4	9	7	239	public office
0701	livestock			15		13		14	12	19	10	13	18	16	10	14	14	6	11	6	6	8	11	9	7	232	livestock
0110	steel making			3		6		9	14	13	9	6	9	8	6	3	3	9	15	4	8	4	4	7	7	147	steel making
0103	fiber products			14		7		10	9	12	7	3	3	4	8	2	1	4	2	1	6	1	2	3	7	106	fiber products
0113	machine products			64		31		34	47	41	28	22	45	46	20	23	29	31	22	32	39	23	11	24	6	618	machine products
0107	printing/bookbinding			19		17		14	21	10	12	18	10	15	8	17	7	10	6	6	4	7	7	9	6	223	printing/bookbinding
0106	pulp/paper processing products			14		4		1	8	10	6	3	12	5	6	9	4	8	9	2	4	2	9	3	5	124	pulp/paper processing products
1001	movie/play service			8		10		4	2	2	7	2	4	7	4	12	5	6	8	5	2	2	4	7	4	105	movie/play service
0702	fishery			6		5		11	4	5	5	2	5	2	2	3	3	2	2	6	2	5	8	1	4	83	fishery
0202	quarrying			4		6		5	5	4	2		1	3	2	1	3	1	4	3	2	4	1	6	2	59	quarrying
0105	furniture			4		4		3	7	11	6	1		3	2	6	1		9	2	4	2	4	2	1	72	furniture
0102	textile products			5		5		2	5	1	5	2	2	8	2	2	4	2	3	3	5		2	1	1	60	textile products
0111	nonferrous metal making			4		5		10	2	5	2	2	3	2	2	1	4	3	4		4	3	1			57	nonferrous metal

040303	transportation service			9		12		17	6	11	22	14	15	10	12	5	6	11	8	6	8	7	13	28	5	225	transportation service
030104	railway construction work			10		15		11	9	9	6	9	9	5	19	15	7	17	11	2	5	6	13	5	5	188	railway construction work
030109	land consolidation civil engineering work			14		24		11	10	14	8	4	7	3	7	14	6	4	9	5	4	6	11	7	5	173	land consolidation civil engineering work
010701	printing service			13		15		11	11	9	11	15	10	12	4	13	4	8	4	5	4	6	6	5	5	171	printing service
080302	beauty salon			6		7		15	9	6	5	6	7	12	11	12	8	7	6	8	9	2	5	3	5	149	beauty salon
170202	information processing service			7		9		5	4	7	10	10	7	4	15	6	6	10	8	9	4	8	6	5	5	145	information processing service
010805	plastics products			6		9		9	3	10	2	8	10	10	12	6	2	3	3	9	3	13	8	6	5	137	plastics products
050202	port cargo handling service			5		7		7	4	8	5		10	3	5	4	3	4	2	10	4	21	8	6	5	121	port cargo handling service
010901	cement products			11		8		11	6	7	3	3	5	3	5	4	2	5	3	5	6	6	3	7	5	108	cement products
010909	other sand and stone products			8		3		1	7	3	3	3	5	6	5	3	5	3	1	4	1	2	5	3	5	76	other sand and stone products
010301	over/under wear			7		4		7	2	10	4	2	1	2	7	1	1	4			2	1		1	5	61	over/under wear
011301	machine products			49		23		25	32	30	21	18	28	38	14	20	20	27	20	20	32	16	10	16	4	463	machine products
011403	electronics equipment and telecommunications apparatus			15		8		29	4	16	16	13	10	20	11	7	14	9	9	7	5	7	4	12	4	220	electronics equipment and telecommunications apparatus
030105	bridge construction work			14		8		9	8	14	4	7	7	8	3	16	1	8	6	7	13	8	8	4	4	157	bridge construction work
090201	traveling service			2		6		10	9	6	5	12	13	4	4	6	4	11	8	7	5	4	2	4	4	126	traveling service
011501	ship building			7		6		3	8	8	6	1	8	2	7	4	3	6	2	3	2	5	4	5	4	94	ship building
080401	warehousing			2		4		1	6	4	5	8	3	4	3	10	1	3	5	8	6	9	4	1	4	91	warehousing
011509	other transport equipment products			9		5		6	7	8	4	4	5	1	4	3	1	3	5	3	5	2	2	9	4	90	other transport equipment products
120102	software service			5		4		2	2	4	8	5	4	4	4	2	5	4			3	4	5	4		73	software service
010899	other chemical products			3		5		4	3	2	4	5	2	1	3	1	1	1	7	1	8	3	3	2	4	63	other chemical products
100109	other movie/play service			4		7		1			4	1	3	5	2	3	4	3	5	2	2		3	3	4	56	other movie/play service
010801	non organic or organic chemical products			5		5		4	4	2	2		3	4		2	1		6	2			2	2	4	48	non organic or organic chemical products
011002	casting products			1				5	2					1			3	3	1		1	1	1	1	4	23	casting products
040101	railroad service			14		21		14	8	15	9	13	6	12	9	10	5	10	4	2	7	7	5	9	3	183	railroad service
011001	steel/iron/rolling products			2		4		4	7	10	6	4	4	6	3	1	2	5	6	3	5	1	2	1	3	79	steel/iron/rolling products
010806	rubber products					7		7	6	3	2	3	2	1	1	1	1	1	1	3	3	4	3	1	3	53	rubber products
070201	fishery			4		4		4	2	2	4	2	2	2	1		2		2	4	2	3	7	1	3	51	fishery
030108	sand collapse prevention civil engineering work			4		3		4		1	6	2	1	3	3	3		1	1	1	1	1	2	2	3	41	sand collapse prevention civil engineering work
080301	haircut			2		2			3	1	1	1	1	2	1			1	2	4	1	1	2	2	3	30	haircut
010609	other pulp/paper processing products					1			2	2		1	4	1	2	1		3	2		2	1	2		3	27	other pulp/paper processing products
010803	pharmaceuticals			3		2		2		2	3	1	1	1	1		1	1			2	1		3	24	pharmaceuticals	
090109	other financial business			22		20		14	11	21	10	12	7	4	9	2	7	4	3	5	7	7	7	8	2	182	other financial business
060209	other forestry			8		11		11	11	6	3	5	23	5	16	4	3	5	7	2	1	9	4	3	2	139	other forestry
011601	electric utility service			9		22		10	6	15	5	3	6	7	6	6	5	2	4	8	10	5	2	3	2	136	electric utility service
010103	agricultural food products			8		4		7	5	7	15	1	10	11	4	9	2	1	7	4	3	4	1	1	2	106	agricultural food products
011305	other precision machine products			9		4		5	10	7	4	2	7	6	6	2	7	2	1	8	4	4	1	6	2	97	other precision machine products
010409	other lumber and wood products			2		4		4	2	5	2	2		3	5	2	4	6	1	2	2	3	4	3	2	58	other lumber and wood products

080102	furniture/fitings wholesale			5			7	2	7	2	4			5	2	4	2	1	3		6	2		2	54	furniture/fitings wholesale
011401	heavy electrical equipment			2	2		4	2	1	5	3	3	3	3	1	4	5	3		3	1	3		2	50	heavy electrical equipment
030102	tunnel construction work			4	7		8	3	1	2		5	1		1	1		3		4		1	3	2	46	tunnel construction work
010309	other fiber products			7	3		3	7	2	3	1	2	2	1	1			2	1	4		2	2	2	45	other fiber products
050201	general harbor transportation service			5	3			5	6	2				2	1	2	2	2		2	4	1	2	2	41	general harbor transportation service
011204	metal plating products			2	1			3	3	4	1	1	2		2	2			1		1		1	2	26	metal plating products
040102	water transportation service			2					2	3	2		2	2	1	1	2	1		3				2	23	water transportation service
030107	river civil engineering work			3	12		6	9	9	8	9	10	4	3	3	3	2	1	6	7	2	6	4	1	108	river civil engineering work
011402	electrical appliance			9	11		9	10	3	13	6	6	4	4	1		2	3	1	1	4	1	1	1	90	electrical appliance
080203	furniture/fitings retail			8	6		4	2	5	5	6	4	10	5	6	6	5	2	2	2	3	1	4	1	87	furniture/fitings retail
010602	paper processing products			10	3			4	5	4	1	5	4	4	6	4	2	6	2	1		2	2	1	66	paper processing products
030111	port/seaside construction work			1	2		2		2	1		2	2		3	2	6	1	1	8	1	2	6	1	43	port/seaside construction work
070209	other fishery			2	1		7	2	3	1		3		1	3	1	2		2		2	1		1	32	other fishery
010601	pulp/paper			4			1	2	3	2	1	3			2		3	1		1	1	5	1	1	31	pulp/paper
010501	wood furniture			1	1		1	4	3	2			2		4	1		3	1	2		3		1	29	wood furniture
030101	hydroelectric plant construction work			1	1			3	2	2	2	4	1	2			1	1		1	2		2	1	26	hydroelectric plant construction work
020201	quarrying			1	5		1	3	1	2			1			2		1	2	1	3	1		1	25	quarrying
020202	gravel digging			2	1		3		3				2	2	1	1	1	2		1			3	1	23	gravel digging
130301	bathroom			2	1		1	1	1	2	1	1		1	4	1	2		1		1	1		1	22	bathroom
010804	petroleum/coal products			3	1			1			3	1				3			2		1	3	1	1	20	petroleum/coal products
050209	other harbor transportation service				1		1		4				1			2		3		1		3		1	17	other harbor transportation service
011201	western tableware/cutting tool products			1	1		1	1				2			1	4		2						1	14	western tableware/cutting tool products
010204	dyeing				1					3	1		2	1			1			1				1	11	dyeing
010702	bookbinding						1	3						1	1		2	1						1	10	bookbinding
010808	painting products				1						1	1		1			1	1	1			1	1	1	10	painting products
090102	stock/commodity trade business			5	3		3	2	2	3	3	2	3	5	2	2		2	5	3	2	2	3		52	stock/commodity trade business
100101	movie production and delivery service			4	3		3	2	2	3	1	1	2	2	9	1	3	3	3		2	1	4		49	movie production and delivery service
010401	lumbering			7	4		2	3		2	2	5	1	4	4	2	3	2	1	2	2		1		47	lumbering
011009	other steel products				2		5	2	1	3	2	5	2	2	2	1	1	6		3	2	1	5		45	other steel products
010709	other printing and bookbinding			6	2		2	7	1	1	3		3	3	3	3		1	1		1	1	4		42	other printing and bookbinding
010105	alcoholic drinks			1	2		4	5	7			4	2	2	3	7	2			1	1				41	alcoholic drinks
011203	metal press products			7			1	3	4	7	3	2	3		1		1	1		2	1		3		39	metal press products
010209	other textile products			5	1		2	5	1	1			6	1	2	2	1	3	3	2			1		36	other textile products
011303	optical instruments			1	2		2			3	2	9	2			2		1	2	2	1		1		30	optical instruments
011109	other nonferrous metal products			1	4		7	1	1	1	1		1	1		3	2	1		3	2				29	other nonferrous metal products
010106	soft drinks				2		1	3	3	3		1	1	2		3	1	2			2	4			28	soft drinks
010902	glass products			2	1			3	1	4		1		1	2	3	2		2	1		1	1		25	glass products
011302	measuring instruments			5	1		1	5	4						1		2		1	1	2		1		24	measuring instruments

010509	other furniture			1		2		1	2	3	1	1		1	1	2			4		1			1			21	other furniture	
010503	fittings			2				1	1	3	3			1				1	1	1		1					15	fittings	
011101	nonferrous metals/rolling products			2		1		1		3		1	1	1		1	1	2				1					15	nonferrous metals/rolling products	
010807	leather products			1		2		2			1			3			1			1	3						14	leather products	
010809	chemical fertilizer products			2		1				1				1	2	1			1	3				1			13	chemical fertilizer products	
010903	pottery products			1		5				1	1	1			2			1			1						13	pottery products	
011102	nonferrous metals casting products			1				2	1	1	1		2		1	1			1		1	1					13	nonferrous metals casting products	
011202	screw products					2		1			1			1	1			1	1	1	1	1					11	screw products	
011609	other electric/gas/water service			1		2		1			1	1			2		1							2			11	other electric/gas/water service	
020209	other quarrying			1				1	2				1				1	1		1				3			11	other quarrying	
010203	weaving					3					1		2			2						2					10	weaving	
010904	fire resisting products			3		2		1						1	1		1			1							10	fire resisting products	
030103	subway construction work			1										2				6									9	subway construction work	
010905	other ceramic products					1		1		1	1	2					1							1			8	other ceramic products	
011704	tobacco products			4				2					2														8	tobacco products	
150104	cremation service							3		1					1	1				1	1						8	cremation service	
010502	metal furniture					1				2							1			2		1					7	metal furniture	
011503	railway vehicle products									1					1		1	1		2							6	railway vehicle products	
010802	chemical fiber					1							3	1													5	chemical fiber	
011304	watch products					1		1				1							1								4	watch products	
150105	livestock process service			1				2				1															4	livestock process service	
010201	silk-reeling																			2							2	silk-reeling	
020301	metal mining							1									1										2	metal mining	
010202	cotton-spinning											1															1	cotton-spinning	
020309	other mining					1																					1	other mining	
020101	general coal mining																												general coal mining
020109	other coal mining																												other coal mining
020302	petroleum mining																												petroleum mining
100102	movie theatre																												movie theatre
	total			7,633		7,718		9,931	10,039	9,761	9,414	8,828	8,854	8,431	8,516	8,509	8,496	8,281	8,279	8,179	8,396	7,913	7,311	7,634	7,320	169,443	total		

Data source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> (MHLW, Japan)

https://www.jisha.or.jp/english/statistics/202311_12.html