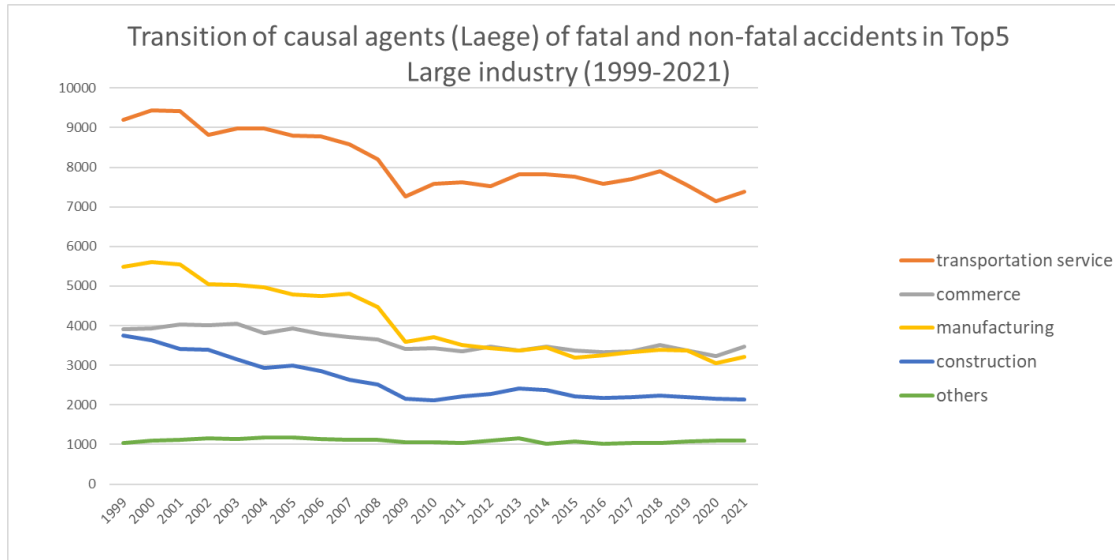
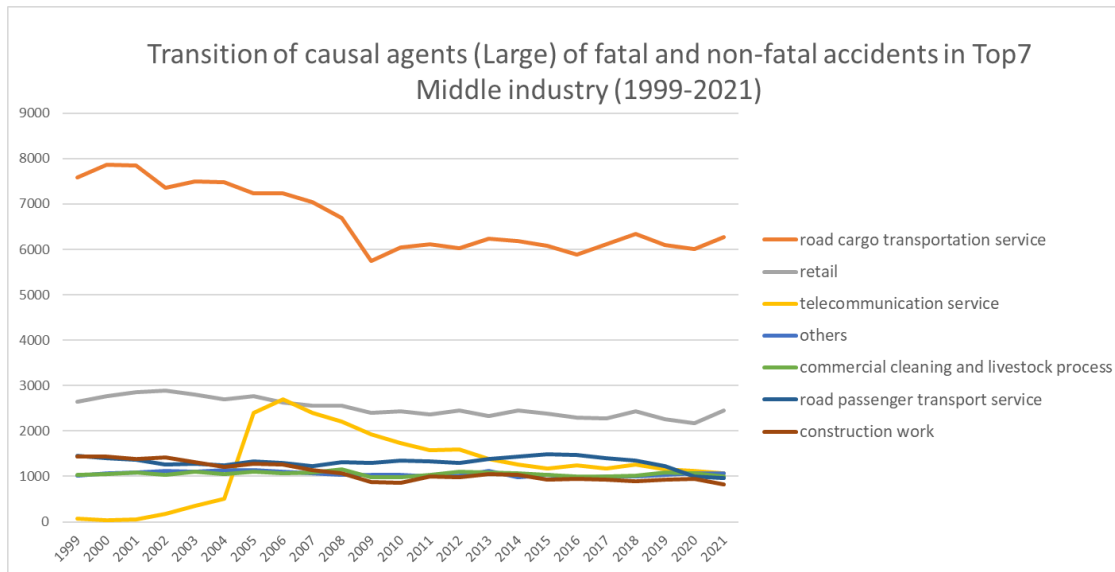


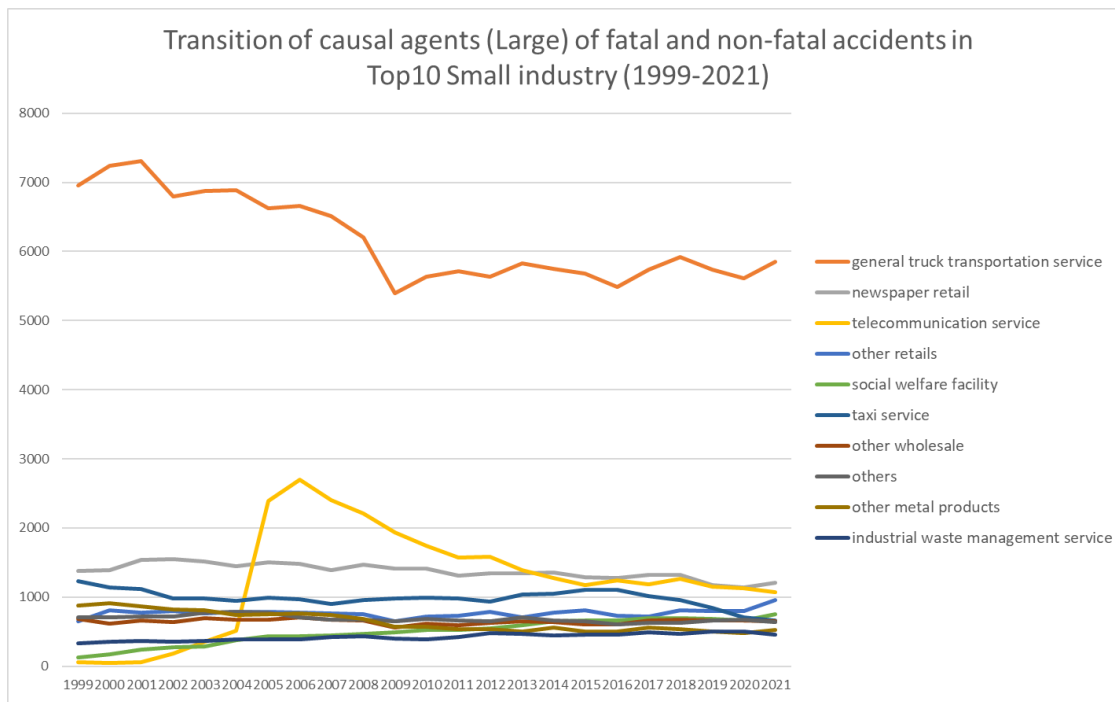
Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying machine (1999-2021)



Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying machine in Large industry (1999-2021)



Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying machine in Middle Industry (1999-2021)



Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying machine in Small Industry (1999-2021)

Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying machine 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
04	transportation service	9,189	9,447	9,408	8,815	8,970	8,988	8,804	8,776	8,580	8,210	7,258	7,585	7,620	7,527	7,830	7,812	7,764	7,580	7,699	7,905	7,551	7,149	7,386	187,853	transportation service
08	commerce	3,905	3,933	4,026	4,004	4,043	3,812	3,922	3,793	3,715	3,646	3,416	3,441	3,361	3,472	3,382	3,469	3,382	3,340	3,359	3,507	3,382	3,225	3,479	83,014	commerce
01	manufacturing	5,481	5,616	5,549	5,050	5,023	4,967	4,793	4,754	4,816	4,472	3,593	3,709	3,514	3,438	3,363	3,457	3,190	3,255	3,329	3,386	3,366	3,058	3,217	94,396	manufacturing
03	construction	3,758	3,640	3,405	3,391	3,160	2,927	2,985	2,847	2,631	2,519	2,161	2,114	2,221	2,274	2,413	2,380	2,223	2,173	2,192	2,229	2,205	2,147	2,133	60,128	construction
17	others	1,033	1,090	1,109	1,166	1,139	1,179	1,171	1,147	1,118	1,119	1,063	1,068	1,045	1,095	1,160	1,014	1,086	1,013	1,041	1,044	1,079	1,103	1,101	25,183	others
11	telecommunication service	63	43	57	182	348	515	2,392	2,698	2,397	2,211	1,934	1,741	1,569	1,588	1,391	1,270	1,178	1,240	1,181	1,269	1,151	1,122	1,072	28,612	telecommunication service
15	commercial cleaning and livestock process	1,026	1,059	1,079	1,030	1,102	1,051	1,106	1,075	1,094	1,156	980	981	1,033	1,110	1,094	1,076	1,036	992	992	1,012	1,079	1,076	1,001	24,240	commercial cleaning and livestock process
13	health and hygiene service	234	280	385	424	437	539	586	599	613	628	638	708	683	711	745	816	788	816	854	849	859	816	904	14,912	health and hygiene service
14	hotel/restaurant/amusement service	582	569	580	544	565	604	513	524	537	522	493	454	472	482	467	456	461	433	473	513	461	520	536	11,761	hotel/restaurant/amusement service
05	cargo handling service	555	616	613	619	605	613	600	617	610	598	417	473	449	436	467	467	418	437	502	505	510	507	510	12,144	cargo handling service
09	financial	856	918	840	821	804	726	677	697	705	598	616	638	593	560	518	482	457	495	480	387	390	314	349	13,921	financial

	business/advertisement																										business/advertisement
07	livestock/fishery	402	400	384	352	357	368	357	318	336	305	267	298	293	294	285	282	268	268	255	223	261	257	248	7,078	livestock/fishery	
06	agriculture	349	321	283	269	289	286	287	278	263	258	272	265	272	303	262	244	225	238	253	264	228	225	207	6,141	agriculture	
12	education/research service	107	121	107	114	89	97	114	101	129	108	82	88	88	96	96	86	82	82	90	79	104	77	100	2,237	education/research service	
02	mining	124	142	118	112	114	98	100	102	85	82	86	57	62	67	79	76	74	69	73	62	68	65	74	1,989	mining	
16	public office	21	20	7	30	35	23	99	35	11	12	9	6	11	10	6	10	5	15	9	12	10	6	14	416	public office	
10	movie/play service	18	12	11	16	12	11	7	9	3	10	4	6	11	9	15	10	7	13	10	4	7	6	12	223	movie/play service	
	total	27,703	28,227	27,961	26,939	27,092	26,804	28,513	28,370	27,643	26,454	23,289	23,632	23,297	23,472	23,573	23,407	22,644	22,459	22,792	23,250	22,711	21,673	22,343	574,248	total	

Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying 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
0403	road cargo transportation service	7,586	7,863	7,851	7,353	7,493	7,477	7,233	7,235	7,047	6,690	5,753	6,038	6,114	6,022	6,240	6,183	6,082	5,894	6,119	6,339	6,104	6,003	6,276	152,995	road cargo transportation service
0802	retail	2,653	2,773	2,852	2,887	2,808	2,701	2,762	2,633	2,566	2,553	2,399	2,436	2,359	2,459	2,332	2,449	2,376	2,294	2,282	2,440	2,268	2,177	2,445	57,904	retail
1101	telecommunication service	63	43	57	182	348	515	2,392	2,698	2,397	2,211	1,934	1,741	1,569	1,588	1,391	1,270	1,178	1,240	1,181	1,269	1,151	1,122	1,072	28,612	telecommunication service
1702	others	1,016	1,071	1,082	1,129	1,098	1,139	1,135	1,098	1,065	1,043	1,033	1,036	1,000	1,012	1,117	987	1,030	956	996	1,000	1,040	1,061	1,065	24,209	others
1501	commercial cleaning and livestock process	1,026	1,059	1,079	1,030	1,102	1,051	1,106	1,075	1,094	1,156	980	981	1,033	1,110	1,094	1,076	1,036	992	992	1,012	1,079	1,076	1,001	24,240	commercial cleaning and livestock process
0402	road passenger transport service	1,462	1,406	1,374	1,255	1,272	1,248	1,327	1,290	1,235	1,311	1,302	1,344	1,331	1,302	1,393	1,442	1,488	1,481	1,399	1,356	1,230	1,002	960	30,210	road passenger transport service
0302	construction work	1,441	1,441	1,382	1,412	1,310	1,208	1,274	1,268	1,139	1,067	870	866	993	990	1,056	1,026	931	953	921	896	929	947	833	25,153	construction work
0301	civil engineering work	1,742	1,642	1,501	1,488	1,333	1,200	1,178	1,060	1,002	968	877	861	822	843	891	874	791	747	792	819	776	762	824	23,793	civil engineering work
1302	social welfare facility	123	172	243	276	285	379	433	434	442	465	491	526	519	544	596	645	656	666	692	695	689	658	752	11,381	social welfare facility
0801	wholesale	891	775	804	772	815	761	775	790	764	713	631	667	652	666	690	683	648	658	705	713	704	688	677	16,642	wholesale
0101	food products	895	901	903	871	890	869	827	811	856	813	717	764	694	654	687	681	625	619	623	659	648	622	618	17,247	food products
0112	metal products	993	1,011	971	906	888	839	853	836	826	779	639	626	602	603	565	637	556	564	629	596	580	538	604	16,641	metal products
0303	other construction works	575	557	522	491	517	519	533	519	490	484	414	387	406	441	466	480	501	473	479	514	500	438	476	11,182	other construction works
0117	other manufacturing	660	665	695	592	603	612	564	570	547	497	448	446	433	418	432	441	399	443	418	418	445	396	390	11,532	other manufacturing
																										land cargo handling

0501	land cargo handling service	364	391	427	430	421	430	445	463	443	441	313	365	333	319	364	362	315	356	381	396	392	406	378	8,935	service
0804	other commerce	356	375	361	337	409	329	368	358	376	372	377	327	335	333	346	327	349	378	358	344	407	353	351	8,226	other commerce
0109	sand and stone products	675	683	687	579	494	527	461	454	458	405	329	312	294	352	341	346	300	307	347	298	336	310	334	9,629	sand and stone products
1402	restaurant	120	131	154	155	151	181	161	155	175	177	163	157	191	199	200	167	190	195	197	232	210	297	324	4,282	restaurant
0901	financial business	831	878	803	777	764	688	642	651	671	553	575	596	556	529	482	453	419	466	443	350	354	286	320	13,087	financial business
0115	transport equipment products	342	347	383	338	404	409	370	424	442	397	289	291	254	244	219	235	248	223	241	281	254	233	248	7,116	transport equipment products
0108	chemical products	298	327	302	278	274	266	282	269	274	265	187	216	215	190	190	191	182	217	202	215	230	205	195	5,470	chemical products
0113	machine products	317	309	334	305	285	330	312	328	321	281	182	255	226	215	204	213	199	190	181	233	206	142	189	5,757	machine products
1403	other amusement service	397	371	362	335	341	353	304	325	309	301	285	258	237	236	233	238	237	212	240	249	213	190	184	6,410	other amusement service
0104	wood products	409	412	386	340	335	329	306	291	303	249	202	227	216	217	204	198	180	177	194	157	172	178	179	5,861	wood products
0702	fishery	301	289	283	258	263	283	273	223	231	211	187	194	196	188	171	187	178	175	168	138	173	171	152	4,893	fishery
0601	agriculture	120	122	115	107	122	120	121	125	118	117	141	118	153	155	149	125	142	160	190	186	173	175	149	3,203	agriculture
1301	medical treatment service	96	94	122	123	124	122	116	139	142	132	125	148	140	142	127	148	112	138	140	136	148	151	140	3,005	medical treatment service
0502	harbor transportation service	191	225	186	189	184	183	155	154	167	157	104	108	116	117	103	105	103	81	121	109	118	101	132	3,209	harbor transportation service
0401	railroad/water transportation/airline service	115	147	157	173	171	232	212	212	259	177	178	169	139	176	165	149	165	177	166	192	189	120	125	3,965	railroad/water transportation/airline service
0110	steel making	202	249	205	172	199	196	221	214	218	214	153	158	181	164	141	151	133	136	132	147	126	114	114	3,940	steel making
0106	pulp/paper processing products	174	194	195	176	187	151	148	149	156	146	132	122	104	107	105	102	98	122	95	104	119	114	106	3,106	pulp/paper processing products
1201	education/research service	107	121	107	114	89	97	114	101	129	108	82	88	88	96	96	86	82	82	90	79	104	77	100	2,237	education/research service
0701	livestock	101	111	101	94	94	85	84	95	105	94	80	104	97	106	114	95	90	93	87	85	88	86	96	2,185	livestock
0114	electrical equipment products	142	138	167	132	130	139	150	137	120	151	86	106	98	79	68	78	72	71	83	87	89	69	77	2,469	electrical equipment products
0202	quarrying	112	125	104	104	107	86	92	95	81	77	82	53	58	65	71	74	69	66	71	58	64	63	71	1,848	quarrying
0602	forestry	229	199	168	162	167	166	166	153	145	141	131	147	119	148	113	119	83	78	63	78	55	50	58	2,938	forestry
0107	printing/bookbinding	90	98	72	85	80	73	87	78	60	80	66	46	55	53	47	44	65	32	48	41	32	29	44	1,405	printing/bookbinding

0111	nonferrous metal making	73	83	68	94	70	80	71	60	68	63	51	51	51	51	61	48	46	60	50	52	50	31	41	1,373	nonferrous metal making
1701	dispatch service	17	19	27	37	41	40	36	49	53	76	30	32	45	83	43	27	56	57	45	44	39	42	36	974	dispatch service
0902	advertisement and mediator	25	40	37	44	40	38	35	46	34	45	41	42	37	31	36	29	38	29	37	37	36	28	29	834	advertisement and mediator
1401	hotel	65	67	64	54	73	70	48	44	53	44	45	39	44	47	34	51	34	26	36	32	38	33	28	1,069	hotel
0116	electric/gas/water service	47	49	51	55	63	45	36	33	47	40	43	33	33	31	29	29	28	22	30	33	27	24	25	853	electric/gas/water service
0404	other transportation service	26	31	26	34	34	31	32	39	39	32	25	34	36	27	32	38	29	28	15	18	28	24	25	683	other transportation service
0105	furniture	67	56	47	39	46	40	34	38	49	39	28	26	20	15	36	22	23	29	18	22	20	23	22	759	furniture
0102	textile products	52	58	47	47	49	40	47	32	41	36	23	17	25	22	22	35	18	27	27	26	20	18	17	746	textile products
0103	fiber products	45	36	36	41	26	22	24	30	30	17	18	13	13	23	12	6	18	16	11	17	12	12	14	492	fiber products
1601	public office	21	20	7	30	35	23	99	35	11	12	9	6	11	10	6	10	5	15	9	12	10	6	14	416	public office
1303	other health and hygiene service	15	14	20	25	28	38	37	26	29	31	22	34	24	25	22	23	20	12	22	18	22	7	12	526	other health and hygiene service
1001	movie/play service	18	12	11	16	12	11	7	9	3	10	4	6	11	9	15	10	7	13	10	4	7	6	12	223	movie/play service
0803	haircut/beauty salon	5	10	9	8	11	21	17	12	9	8	9	11	15	14	14	10	9	10	14	10	3	7	6	242	haircut/beauty salon
0203	other mining	6	8	8	8	5	11	6	6	4	5	2	4	4	1	5		5	3	1	3	4	2	3	104	other mining
0201	coal mining	6	9	6		2	1	2	1			2			1	3	2			1	1				37	coal mining
	total	27,703	28,227	27,961	26,939	27,092	26,804	28,513	28,370	27,643	26,454	23,289	23,632	23,297	23,472	23,573	23,407	22,644	22,459	22,792	23,250	22,711	21,673	22,343	574,248	total

Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 2 crane, conveying 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
040301	general truck transportation service	6,953	7,235	7,312	6,797	6,871	6,882	6,627	6,654	6,510	6,204	5,392	5,634	5,720	5,631	5,825	5,745	5,678	5,492	5,738	5,918	5,738	5,614	5,848	142,018	general truck transportation service
080205	newspaper retail	1,383	1,392	1,542	1,545	1,517	1,450	1,503	1,481	1,386	1,470	1,410	1,412	1,311	1,348	1,342	1,359	1,288	1,270	1,322	1,322	1,178	1,134	1,202	31,567	newspaper retail
110101	telecommunication service	63	43	57	182	348	515	2,392	2,698	2,397	2,211	1,934	1,741	1,569	1,588	1,391	1,270	1,178	1,240	1,181	1,269	1,151	1,122	1,072	28,612	telecommunication service
080209	other retails	647	809	771	797	761	782	786	775	758	754	648	712	725	791	703	780	811	730	722	808	803	800	958	17,631	other retails
130201	social welfare facility	123	172	243	276	285	379	433	434	442	465	491	526	519	544	596	645	656	666	692	695	689	658	752	11,381	social welfare facility
040201	taxi service	1,226	1,139	1,117	981	979	943	990	973	901	958	982	987	975	933	1,038	1,053	1,109	1,101	1,019	953	847	708	660	22,572	taxi service

080109	other wholesale	689	619	660	643	700	667	672	708	673	664	558	610	596	622	645	639	607	609	659	672	663	663	645	14,883	other wholesale
170209	others	703	708	719	718	772	791	772	707	675	667	645	678	658	651	705	663	649	604	621	625	662	676	638	15,707	others
011209	other metal products	877	908	864	821	804	736	757	759	736	689	570	571	533	540	507	560	500	502	562	540	503	482	525	14,846	other metal products
150102	industrial waste management service	336	348	362	350	362	387	384	387	425	433	396	386	423	475	471	441	460	451	486	466	499	505	460	9,693	industrial waste management service
170201	security service	300	352	356	404	313	329	354	385	381	363	376	349	336	345	403	316	367	341	364	370	367	374	421	8,266	security service
030199	other civil engineering work	752	708	676	672	580	523	522	516	456	447	406	403	372	408	391	435	345	341	364	414	375	355	380	10,841	other civil engineering work
050101	land cargo handling service	364	391	427	430	421	430	445	463	443	441	313	365	333	319	364	362	315	356	381	396	392	406	378	8,935	land cargo handling service
030209	other building construction work	449	479	475	489	466	463	499	466	427	468	409	389	396	439	424	435	412	404	374	399	418	464	373	10,017	other building construction work
030309	other construction works	289	286	260	263	274	287	297	274	289	264	210	210	239	252	269	305	292	279	316	327	300	278	314	6,374	other construction works
010109	other foods	369	389	373	368	382	420	364	364	394	387	305	344	305	304	339	336	307	307	268	313	323	304	312	7,877	other foods
140201	general restaurant	109	101	136	136	133	155	125	135	143	145	137	136	167	166	184	147	159	175	169	201	189	267	301	3,716	general restaurant
150103	other waste disposal service	279	276	268	286	330	325	342	300	295	339	249	295	273	290	287	304	285	251	230	226	255	301	287	6,573	other waste disposal service
040202	bus service	227	257	239	261	275	291	320	297	313	332	309	347	341	349	335	381	358	364	354	380	362	278	279	7,249	bus service
090103	insurance business	639	693	640	623	615	541	502	532	546	441	451	481	448	449	382	353	360	396	368	283	287	215	250	10,495	insurance business
010901	cement products	420	418	413	332	297	325	291	271	288	238	196	166	174	220	220	228	181	201	223	202	223	225	229	5,981	cement products
030201	steel frame/reinforced concrete house construction work	476	501	484	484	443	393	412	466	380	345	251	229	322	315	345	343	261	288	316	287	274	258	221	8,094	steel frame/reinforced concrete house construction work
080409	other commerce	231	235	226	206	251	214	232	220	224	235	233	223	220	216	201	204	227	225	218	209	245	199	216	5,110	other commerce
040302	specific truck transportation service	378	319	263	298	308	250	259	255	233	219	150	183	168	186	205	208	180	176	169	191	181	197	199	5,175	specific truck transportation service
030106	road construction work	362	376	343	280	277	259	262	198	191	211	183	191	185	174	178	181	174	157	181	152	166	160	187	5,028	road construction work
011701	auto mobile servicing	325	339	329	288	264	273	256	249	224	193	192	197	195	161	174	182	163	190	179	167	175	176	166	5,057	auto mobile servicing
011502	auto mobile products	190	190	203	196	239	245	218	259	245	227	142	157	147	127	127	137	148	136	146	180	143	135	159	4,096	auto mobile products
040309	other land cargo transportation service	216	256	236	208	246	283	285	265	248	208	164	171	182	157	175	188	177	176	168	178	149	148	158	4,642	other land cargo transportation service
011301	machine products	268	270	287	276	248	291	274	283	275	246	168	217	199	188	180	192	178	174	156	205	182	130	154	5,041	machine products
060101	agriculture	120	122	115	107	122	120	121	125	118	117	141	118	153	155	149	125	142	160	190	186	173	175	149	3,203	agriculture
030202	wooden house construction work	398	355	307	323	275	254	233	257	227	174	148	149	190	172	202	170	152	184	150	138	148	144	148	4,898	wooden house construction work
140301	golf course	309	290	244	247	241	253	230	252	226	207	212	190	173	184	172	182	167	147	172	175	143	134	136	4,686	golf course

080401	warehousing	125	140	135	131	158	115	136	138	152	137	144	104	115	117	145	123	122	153	140	135	162	154	135	3,116	warehousing
150109	other cleaning and livestock process service	245	244	234	206	228	188	222	212	193	203	175	132	168	183	167	163	152	165	137	134	149	143	130	4,173	other cleaning and livestock process service
011709	other manufacturing	188	203	208	165	186	186	174	174	186	177	162	145	139	147	149	154	118	138	128	148	145	130	123	3,673	other manufacturing
150101	building maintenance service	163	181	209	183	180	147	150	173	175	177	156	164	164	159	164	164	136	119	137	180	170	126	121	3,698	building maintenance service
070201	fishery	250	241	245	211	218	240	230	198	191	176	164	162	157	153	144	149	141	147	124	103	124	130	118	4,016	fishery
080202	auto mobile retail	99	121	107	102	104	91	104	98	111	100	101	98	96	102	104	110	85	107	78	121	100	89	117	2,345	auto mobile retail
080204	fuel retail	250	180	197	195	188	187	178	137	151	128	131	117	117	127	103	109	119	105	102	108	116	95	104	3,244	fuel retail
010102	fishery products	169	170	184	194	153	150	136	133	136	144	130	125	108	116	113	95	122	106	103	100	104	94	101	2,986	fishery products
050202	port cargo handling service	117	159	137	131	130	134	113	106	114	106	78	82	82	80	70	77	76	62	87	80	89	74	98	2,282	port cargo handling service
070101	livestock	101	111	101	94	94	85	84	95	105	94	80	104	97	106	114	95	90	93	87	85	88	86	96	2,185	livestock
010401	lumbering	256	239	221	212	194	208	179	154	164	135	101	139	121	116	97	99	93	79	107	80	100	84	94	3,272	lumbering
030203	building facility construction work	118	106	116	116	126	98	130	79	105	80	62	99	85	64	85	78	106	77	81	72	89	81	91	2,144	building facility construction work
010805	plastics products	99	104	113	100	102	93	115	97	118	109	74	93	85	84	87	80	74	107	84	95	99	81	89	2,182	plastics products
030302	machinery/apparatus setting work	114	135	135	119	122	115	116	115	99	117	89	80	80	84	100	78	107	106	75	90	93	62	84	2,315	machinery/apparatus setting work
030301	electricity/telecommunication work	172	136	127	109	121	117	120	130	102	103	115	97	87	105	97	97	102	88	88	97	107	98	78	2,493	electricity/telecommunication work
010909	other sand and stone products	162	163	186	154	118	135	117	124	113	110	91	101	82	98	75	75	80	69	86	53	64	69	71	2,396	other sand and stone products
010101	meat/dairy products	100	103	97	83	117	95	88	84	88	75	91	92	83	72	77	76	63	50	66	71	72	74	71	1,888	meat/dairy products
040303	cargo/ light automobile transportation service	39	53	40	50	68	62	62	61	56	59	47	50	44	48	35	42	47	50	44	52	36	44	71	1,160	cargo/ light automobile transportation service
010602	paper processing products	109	113	117	115	116	85	86	84	91	85	75	65	63	68	66	64	53	74	62	70	75	76	69	1,881	paper processing products
040101	railroad service	63	77	66	60	81	74	79	81	79	59	77	64	64	61	84	53	43	53	56	56	65	68	69	1,532	railroad service
010409	other lumber and wood products	114	120	119	94	105	84	102	97	91	83	70	60	74	75	80	85	63	75	58	64	51	64	62	1,890	other lumber and wood products
130101	hospital	64	55	81	67	74	78	70	88	67	71	60	70	74	63	59	79	57	78	77	69	73	75	62	1,611	hospital
130109	other medical treatment service	25	31	32	47	37	35	34	39	55	48	50	59	51	60	48	55	44	45	47	48	54	51	62	1,057	other medical treatment service
010104	bread/cake products	114	103	119	107	116	110	118	125	122	114	94	102	95	83	76	82	71	80	105	89	74	89	60	2,248	bread/cake products

030109	land consolidation civil engineering work	141	109	103	103	93	69	73	70	75	66	52	46	47	52	67	62	42	54	65	49	47	51	57	1,593	land consolidation civil engineering work
090101	banking/trust business	163	158	131	126	125	117	119	103	101	99	105	102	101	65	94	89	55	65	62	57	57	61	56	2,211	banking/trust business
120109	other education/research service	47	56	55	60	50	47	54	50	66	50	39	53	51	49	53	60	47	48	53	50	61	41	54	1,194	other education/research service
011702	machine repair	79	67	91	71	79	86	67	80	59	61	36	45	53	44	49	47	58	45	53	43	55	36	52	1,356	machine repair
080201	all kinds of retail	238	249	201	220	219	159	173	123	142	82	91	85	87	74	68	74	59	69	49	61	55	48	49	2,675	all kinds of retail
030110	water supply/sewage construction work	203	172	155	158	159	136	116	110	108	90	66	75	72	61	66	61	67	55	55	60	64	56	49	2,214	water supply/sewage construction work
011703	cleaning	67	49	61	68	72	64	63	66	77	63	56	57	45	66	60	56	60	68	58	58	69	54	49	1,406	cleaning
011002	casting products	84	96	83	58	78	62	94	99	94	92	46	60	87	73	61	64	62	62	49	55	58	48	47	1,612	casting products
040103	airline service	40	58	72	106	78	144	126	117	169	102	96	95	62	98	67	89	103	106	91	123	109	31	45	2,127	airline service
011501	ship building	100	99	126	95	108	102	107	109	131	119	104	91	70	82	51	73	65	53	61	63	66	68	45	1,988	ship building
010103	agricultural food products	89	83	81	75	63	58	77	53	61	59	57	67	61	52	56	54	35	45	49	60	45	38	43	1,361	agricultural food products
011203	metal press products	67	54	52	40	39	55	48	42	49	40	39	30	24	31	27	31	27	37	32	30	40	29	43	906	metal press products
030107	river civil engineering work	78	78	58	54	63	48	41	34	38	43	37	41	34	42	40	42	38	20	34	33	29	41	42	1,008	river civil engineering work
060201	lumbering	160	154	116	122	120	121	111	111	107	111	92	95	78	106	86	83	59	56	45	58	35	37	40	2,103	lumbering
011509	other transport equipment products	44	51	49	38	50	52	38	47	60	41	29	37	33	30	31	22	30	27	29	35	39	25	40	877	other transport equipment products
120101	auto mobile practical training	53	62	46	48	35	44	57	48	58	50	35	30	33	43	38	24	30	30	35	28	40	32	39	938	auto mobile practical training
011001	steel/iron/rolling products	56	51	60	55	63	58	58	60	63	59	45	44	45	47	35	38	32	39	30	51	22	22	36	1,069	steel/iron/rolling products
170101	dispatch service	17	19	27	37	41	40	36	49	53	76	30	32	45	83	43	27	56	57	45	44	39	42	36	974	dispatch service
070209	other fishery	51	48	38	47	45	43	43	25	40	35	23	32	39	35	27	38	37	28	44	35	49	41	34	877	other fishery
010899	other chemical products	58	55	64	33	41	38	31	42	38	37	37	35	36	29	26	34	30	28	41	41	34	36	33	877	other chemical products
011409	other electrical equipment	68	69	76	74	65	69	63	76	58	58	35	38	40	32	32	37	30	33	44	41	46	37	32	1,153	other electrical equipment
020201	quarrying	67	75	64	51	62	43	57	47	41	38	50	32	27	39	43	42	30	38	47	31	39	41	32	1,036	quarrying
011009	other steel products	62	102	62	59	58	76	69	55	61	63	62	54	49	44	45	49	39	35	53	41	46	44	31	1,259	other steel products
030104	railway construction work	27	32	21	48	25	30	38	28	28	25	24	22	15	32	36	17	33	35	25	18	24	22	31	636	railway construction work
011305	other precision machine products	38	30	35	24	31	26	30	32	37	24	9	24	23	25	19	15	16	12	20	22	18	9	30	549	other precision machine products
140309	other amusement service	72	58	90	72	83	86	60	64	70	82	56	58	58	43	45	43	58	47	53	54	55	46	28	1,381	other amusement service
140101	hotel	65	67	64	54	73	70	48	44	53	44	45	39	44	47	34	51	34	26	36	32	38	33	28	1,069	hotel



050201	general harbor transportation service	62	53	37	42	43	34	30	34	37	39	20	20	23	27	24	20	23	12	25	21	21	21	28	696	general harbor transportation service
011403	electronics equipment and telecommunications apparatus	43	37	50	32	33	36	41	24	34	37	25	22	30	25	15	20	19	19	24	22	19	18	28	653	electronics equipment and telecommunications apparatus
010701	printing service	66	67	45	53	59	49	60	47	45	47	48	26	36	35	34	34	43	24	33	28	25	19	27	950	printing service
030111	port/seaside construction work	50	42	47	50	43	34	33	21	25	17	22	22	24	19	34	29	34	24	22	17	17	22	26	674	port/seaside construction work
011204	metal plating products	40	38	42	32	29	30	28	23	30	39	20	16	33	19	25	30	20	16	23	17	30	19	26	625	metal plating products
080101	all kinds of wholesale	187	142	121	118	99	79	88	72	75	41	60	50	49	30	39	34	33	39	39	31	27	14	25	1,492	all kinds of wholesale
040409	other transportation service	26	31	26	34	34	31	32	39	39	32	25	34	36	27	32	38	29	28	15	18	28	24	25	683	other transportation service
020202	gravel digging	33	34	30	37	33	32	23	30	34	31	28	15	26	22	23	25	31	23	19	23	21	20	25	618	gravel digging
010402	plywood	39	53	46	34	36	37	25	40	48	31	31	28	21	26	27	14	24	23	29	13	21	30	23	699	plywood
090209	other advertisement and mediator	18	34	35	38	33	27	23	34	28	38	28	27	33	25	28	24	25	21	30	31	32	25	23	660	other advertisement and mediator
140209	other restaurants	11	30	18	19	18	26	36	20	32	32	26	21	24	33	16	20	31	20	28	31	21	30	23	566	other restaurants
010801	non organic or organic chemical products	38	49	43	45	37	29	39	38	29	31	20	23	30	17	22	25	23	22	29	18	29	24	22	682	non organic or organic chemical products
011101	nonferrous metals/rolling products	30	34	25	45	34	35	22	29	31	31	22	16	23	13	22	24	19	25	20	18	14	9	22	563	nonferrous metals/rolling products
010106	soft drinks	28	27	23	28	31	22	21	24	27	18	22	17	24	12	17	22	9	20	21	17	14	17	22	483	soft drinks
040209	other passenger transport service	9	10	18	13	18	14	17	20	21	21	11	10	15	20	20	8	21	16	26	23	21	16	21	389	other passenger transport service
010609	other pulp/paper processing products	27	37	35	28	48	41	35	31	37	30	31	29	24	21	15	20	24	25	15	17	31	19	20	640	other pulp/paper processing products
140302	park and amusement park	16	23	28	16	17	14	14	9	13	12	17	10	6	9	16	13	12	18	15	20	15	10	20	343	park and amusement park
060209	other forestry	69	45	52	40	47	45	55	42	38	30	39	52	41	42	27	36	24	22	18	20	20	13	18	835	other forestry
030102	tunnel construction work	27	26	22	25	23	19	25	20	13	16	18	13	13	11	15	7	18	11	8	16	7	15	18	386	tunnel construction work
010601	pulp/paper	38	44	43	33	23	25	27	34	28	31	26	28	17	18	24	18	21	23	18	17	13	19	17	585	pulp/paper
010806	rubber products	34	39	20	40	47	37	36	37	31	34	19	23	20	19	15	8	20	14	14	18	27	23	16	591	rubber products
130102	general clinic	7	8	9	9	13	9	12	12	20	13	15	19	15	19	20	14	11	15	16	19	21	25	16	337	general clinic
080203	furniture/fittings retail	36	22	34	28	19	32	18	19	18	19	18	12	23	17	12	17	14	13	9	20	16	11	15	442	furniture/fittings retail
010902	glass products	29	27	26	23	25	31	18	21	17	17	13	18	18	5	17	12	16	15	12	17	26	7	15	425	glass products



010501	wood furniture	40	28	18	22	23	13	14	20	17	15	17	10	11	7	15	8	11	15	9	9	9	7	7	345	wood furniture
080102	furniture/fittings wholesale	15	14	23	11	16	15	15	10	16	8	13	7	7	14	6	10	8	10	7	10	14	11	7	267	furniture/fittings wholesale
011603	city water service	5	11	13	12	11	16	6	14	10	13	22	16	12	10	10	8	12	6	9	7	10	7	7	247	city water service
120102	software service	7	3	6	6	4	6	3	3	5	8	8	5	4	4	5	2	5	4	2	1	3	4	7	105	software service
011601	electric utility service	17	13	14	15	23	15	12	7	18	10	8	7	12	11	8	6	3	7	11	15	8	8	6	254	electric utility service
170202	information processing service	13	11	7	7	13	19	9	6	9	13	12	9	6	16	9	8	14	11	11	5	11	11	6	236	information processing service
050209	other harbor transportation service	12	13	12	16	11	15	12	14	16	12	6	6	11	10	9	8	4	7	9	8	8	6	6	231	other harbor transportation service
090201	traveling service	7	6	2	6	7	11	12	12	6	7	13	15	4	6	8	5	13	8	7	6	4	3	6	174	traveling service
010509	other furniture	10	12	8	10	12	9	9	14	14	10	5	10	6	4	12	11	7	9	2	7	5	6	5	197	other furniture
010301	over/under wear	17	13	11	19	9	11	11	7	14	7	7	5	3	12	4	2	5	1	1	3	5	1	5	173	over/under wear
010503	fittings	11	8	16	4	3	10	5	2	11	12	5	3	2	3	5	1	3	3	2	2	4	8	5	128	fittings
010502	metal furniture	6	8	5	3	8	8	6	2	7	2	1	3	1	1	4	2	2	2	5	4	2	2	5	89	metal furniture
080302	beauty salon	3	9	7	8	9	19	17	9	8	6	7	9	13	12	13	9	8	7	9	9	2	5	4	202	beauty salon
011503	railway vehicle products	8	7	5	9	7	10	7	9	6	10	14	6	4	5	10	3	5	7	5	3	6	5	4	155	railway vehicle products
100109	other movie/play service	13	8	5	4	8	7	3	6	1	7	3	5	6	5	5	8	4	9	6	4	5	5	4	131	other movie/play service
010808	painting products	4	4	3	8	4	13	6	3	4	6	3	2	6	2		5	5	8	3	2	3	4	4	102	painting products
011302	measuring instruments	9	6	7	2	3	7	5	10	8	6	2	2	2		5	1	4	3	1	4	4	2	4	97	measuring instruments
010904	fire resisting products	11	18	15	23	11	4	9	6	7	3	5	9	3	7	7	9	6	6	4	4	3	1	3	174	fire resisting products
010204	dyeing	7	19	13	13	10	7	7	3	9	10	6	1	7	3	7	5	5	10	5	4	2	1	3	157	dyeing
020309	other mining	3	7	8	6	3	10	5	5	4	2	2	3	4	1	4		4	3	1	3	3	2	3	86	other mining
150105	livestock process service	2	8	6	4	2	4	5	3	5	4	4	2	5	3	3	3	2	5	2	4	5	1	3	85	livestock process service
010802	chemical fiber	8	8	4	3	3	7	3	1	4	7	2		4	5	3	3	4	5	4	2	1		3	84	chemical fiber
090102	stock/commodity trade business	6	7	5	3	3	4	3	2	2	3	3	2	3	5	3	2		2	5	3	2	2	3	73	stock/commodity trade business
080301	haircut	2	1	2		2	2		3	1	2	2	2	2	2	1	1	1	3	5	1	1	2	2	40	haircut
011609	other electric/gas/water service	1	1	2	2	5	2	2	3	1		2	1		1	2	1	1		2	2			2	33	other electric/gas/water service
010203	weaving	10	7	9	4	8	9	8	4	5	6	2	3	4	4	3	8	1	1	6	5	5	4	1	117	weaving
011201	western tableware/cutting tool products	1	3	7	8	4	5	7	3	5	6	4	4	1	1	2	8	2	3	3	2	1	2	1	83	western tableware/cutting tool products

011303	optical instruments	1	1	5	2	2	6	2	2	1	5	3	11	2	1		5	1	1	3	2	2	1	1	60	optical instruments
010201	silk-reeling	3	4	1	2	2		2									1		2		2			1	20	silk-reeling
010807	leather products	9	13	9	5	6	6	7	3	7	5	1	3	5	6	2	1	2	2	6	6	3	2		109	leather products
010202	cotton-spinning	9	6	4	2	5	2	5	3	3	6	4	1	1	3		1	3	1	2	1				62	cotton-spinning
030103	subway construction work	15	2	4	2		5	2	2	2	2		1	4	3				7		1	1	1		54	subway construction work
011704	tobacco products	1	7	6		2	3	4	1	1	3	2	2	1			2		2		2	1			40	tobacco products
130301	bathroom		3	3	2	1		2	2	1	2	1	2		2	5	1	2		2	2	1	1		35	bathroom
020101	general coal mining	6	8	6		1		2								1	1				1				26	general coal mining
150104	cremation service	1	2		1			3		1			2			2	1	1	1		2	1			18	cremation service
020301	metal mining	3	1		1	2	1	1	1		3		1					1				1			16	metal mining
020109	other coal mining		1			1	1		1			2			1	2	1			1					11	other coal mining
011304	watch products	1	2		1	1		1	1				1		1					1					10	watch products
100102	movie theatre					1											1		1						3	movie theatre
020302	petroleum mining				1											1									2	petroleum mining
	total	27,703	28,227	27,961	26,939	27,092	26,804	28,513	28,370	27,643	26,454	23,289	23,632	23,297	23,472	23,573	23,407	22,644	22,459	22,792	23,250	22,711	21,673	22,343	574,248	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)