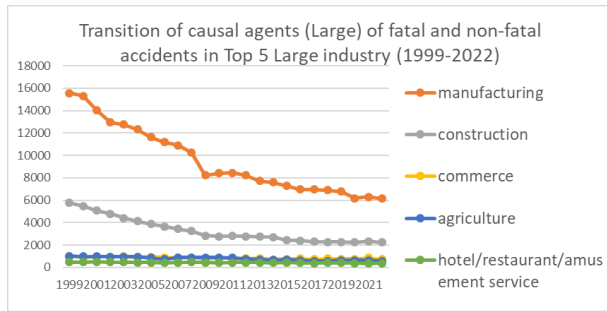
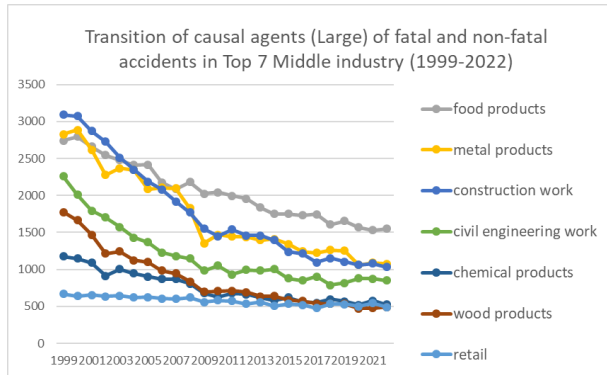


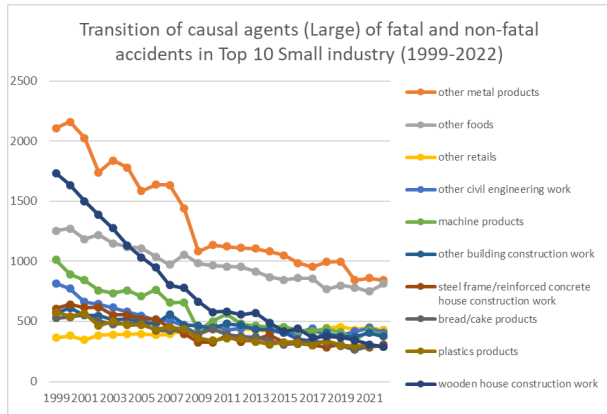
Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine (1999-2022)



Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine in Large industry (1999-2022)



Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine in Large Industry (1999-2022)



Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine in Large Industry (1999-2022)

Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine 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
01	manufacturing	15,572	15,318	14,050	12,958	12,766	12,319	11,646	11,190	10,896	10,248	8,241	8,432	8,444	8,220	7,737	7,613	7,273	6,975	6,974	6,895	6,784	6,190	6,296	6,145	229,182	manufacturing
03	construction	5,761	5,474	5,071	4,792	4,430	4,120	3,891	3,674	3,429	3,258	2,853	2,781	2,810	2,777	2,732	2,722	2,425	2,397	2,293	2,273	2,289	2,250	2,346	2,248	79,096	construction
08	commerce	1,002	935	937	945	972	923	944	893	864	897	806	826	834	796	814	712	776	785	739	801	762	775	847	742	20,327	commerce
06	agriculture	1,011	976	977	948	962	948	843	739	875	891	884	877	847	754	687	681	686	650	576	575	632	649	629	577	18,874	agriculture
14	hotel/restaurant/amenement	487	488	512	487	491	455	451	428	447	475	449	425	457	433	432	412	463	418	391	401	421	378	356	382	10,539	hotel/restaurant/amenement

	service																										service
15	commercial cleaning and livestock process	283	274	324	324	351	347	333	342	331	354	290	318	307	289	307	306	309	282	308	272	325	290	272	316	7,454	commercial cleaning and livestock process
17	others	361	373	330	377	357	357	328	322	286	284	280	271	269	257	242	222	243	213	224	228	227	241	212	228	6,732	others
04	transportation service	208	188	202	189	189	178	145	162	175	161	153	124	143	128	149	123	130	122	127	139	110	113	123	131	3,612	transportation service
07	livestock/fishery	132	124	137	133	173	150	128	129	125	112	134	108	130	128	116	96	114	110	123	112	117	110	120	125	2,986	livestock/fishery
13	health and hygiene service	94	106	108	110	101	126	104	117	97	110	100	114	94	116	115	96	103	107	114	98	120	114	127	114	2,605	health and hygiene service
02	mining	118	101	139	81	72	71	92	71	81	48	46	51	39	42	59	47	42	37	48	48	33	52	40	38	1,496	mining
12	education/research service	45	33	38	37	31	46	38	44	47	42	48	35	28	37	36	22	32	39	38	37	31	43	42	38	907	education/research service
05	cargo handling service	46	49	45	36	45	57	50	55	43	44	40	33	41	36	30	35	33	33	38	33	40	38	46	33	979	cargo handling service
16	public office	7	10	12	4	11	13	12	7	2	7	6	7	6	4	5	3	6	7	7	9	7	9	8	12	181	public office
09	financial business/advertisement	18	10	17	11	12	13	8	7	6	5	5	10	4	11	8	9	4	7	4	3	7	8	2	6	195	financial business/advertisement
10	movie/play service	2	5	3	6	3	4	5	3	8	5	4	2	1	3	2	3	6	3	4	2		3	2	3	82	movie/play service
11	telecommunication service	2	2	3	2	5	5	9	5	11	9	8	4	8	8	3	4	4	6	6	3	3	5	4	2	121	telecommunication service
	total	25,149	24,466	22,905	21,440	20,971	20,132	19,027	18,188	17,723	16,950	14,347	14,418	14,462	14,039	13,474	13,106	12,649	12,191	12,014	11,929	11,908	11,268	11,472	11,140	385,368	total

Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine in Large 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
0101	food products	2,744	2,794	2,661	2,544	2,478	2,413	2,414	2,175	2,087	2,181	2,025	2,043	1,993	1,958	1,837	1,752	1,752	1,732	1,746	1,607	1,655	1,568	1,528	1,548	49,235	food products
0112	metal products	2,829	2,888	2,617	2,279	2,368	2,345	2,088	2,103	2,093	1,828	1,355	1,467	1,444	1,440	1,396	1,412	1,344	1,241	1,225	1,260	1,254	1,060	1,088	1,077	41,501	metal products
0302	construction work	3,090	3,072	2,873	2,728	2,513	2,350	2,187	2,081	1,920	1,771	1,549	1,451	1,542	1,460	1,459	1,396	1,240	1,213	1,094	1,152	1,106	1,061	1,081	1,033	42,422	construction work
0301	civil engineering work	2,258	2,008	1,795	1,704	1,572	1,431	1,365	1,227	1,182	1,145	983	1,050	931	995	984	1,002	879	849	902	789	816	878	872	852	28,469	civil engineering work
0108	chemical products	1,176	1,146	1,089	912	1,002	947	902	870	870	809	678	632	678	665	621	583	620	557	548	597	568	520	576	525	18,091	chemical products
0104	wood products	1,773	1,666	1,468	1,214	1,243	1,121	1,100	984	947	838	698	704	711	692	634	640	585	570	541	534	533	473	476	492	20,637	wood products
0802	retail	666	640	656	634	643	621	626	604	603	619	557	582	572	532	557	505	534	520	475	534	531	500	542	492	13,745	retail
0113	machine products	1,204	1,085	1,015	945	918	885	868	907	821	803	510	590	665	587	545	535	523	499	480	513	495	407	478	446	16,724	machine products
0303	other construction works	413	394	403	360	345	339	339	366	327	342	321	280	337	322	289	324	306	335	297	332	367	311	393	363	8,205	other construction works
0117	other manufacturing	753	775	707	693	683	651	621	613	544	532	500	452	426	432	385	410	385	363	392	377	369	379	307	334	12,083	other manufacturing
1501	commercial cleaning and livestock process	283	274	324	324	351	347	333	342	331	354	290	318	307	289	307	306	309	282	308	272	325	290	272	316	7,454	commercial cleaning and livestock process
0602	forestry	865	838	808	800	827	781	683	610	697	700	683	672	625	530	453	436	462	445	361	343	361	364	351	311	14,006	forestry
0115	transport equipment products	812	827	773	734	757	779	768	716	790	635	395	439	476	458	435	412	364	376	422	383	366	319	356	309	13,101	transport equipment products
0106	pulp/paper processing products	721	709	643	651	641	578	520	528	539	491	403	407	376	398	384	379	345	342	335	335	318	294	330	288	10,955	pulp/paper processing products
0601	agriculture	146	138	169	148	135	167	160	129	178	191	201	205	222	224	234	245	224	205	215	232	271	285	278	266	4,868	agriculture
1402	restaurant	251	267	278	254	261	236	265	242	238	261	247	243	284	254	269	272	285	271	259	268	263	245	219	253	6,185	restaurant
1702	others	352	358	317	353	332	317	309	309	266	270	277	259	260	241	235	216	237	203	204	220	218	231	203	224	6,411	others
0114	electrical equipment products	505	531	452	408	369	399	363	339	333	313	218	230	239	213	218	198	194	185	208	181	179	186	178	209	6,848	electrical equipment products
0107	printing/bookbinding	627	610	552	551	475	509	455	429	413	408	380	344	320	276	273	264	235	226	218	224	192	214	202	188	8,585	printing/bookbinding
0109	sand and stone products	514	486	453	400	394	375	327	318	318	302	213	223	228	258	265	211	218	194	183	193	188	181	189	167	6,798	sand and stone products
0801	wholesale	240	199	199	206	228	213	215	197	176	182	179	174	177	197	186	145	169	183	192	173	154	179	204	164	4,531	wholesale
0105	furniture	869	864	702	727	676	589	537	513	484	465	372	377	405	328	306	339	273	264	226	252	244	239	222	160	10,433	furniture
0110	steel making	267	247	264	257	197	221	218	216	219	236	143	187	162	171	137	167	134	138	148	139	143	104	118	138	4,371	steel making
1403	other amusement service	197	181	196	189	189	167	154	152	164	167	164	149	127	156	137	121	144	122	102	112	119	99	114	112	3,534	other amusement service
0403	road cargo transportation service	179	167	174	172	169	154	115	141	154	139	129	108	115	111	128	104	105	110	107	113	93	100	109	112	3,108	road cargo transportation service

0102	textile products	384	323	312	309	267	215	210	211	160	166	161	145	131	142	129	131	121	117	136	136	120	89	93	110	4,318	textile products
0701	livestock	77	72	75	55	96	80	74	82	62	63	80	60	87	76	78	73	79	61	91	88	84	82	90	102	1,867	livestock
0111	nonferrous metal making	185	164	176	179	163	161	141	147	160	157	106	105	110	109	103	103	106	108	100	103	99	94	85	86	3,050	nonferrous metal making
0804	other commerce	96	95	81	105	100	88	102	92	84	94	70	70	85	66	70	62	72	82	72	93	77	96	101	85	2,038	other commerce
1302	social welfare facility	40	45	47	52	52	61	63	56	52	66	53	79	68	74	88	55	71	75	83	75	90	79	102	85	1,611	social welfare facility
0103	fiber products	206	195	155	147	130	123	106	112	110	76	76	82	71	78	67	71	66	55	62	57	57	57	63	61	2,283	fiber products
1201	education/research service	45	33	38	37	31	46	38	44	47	42	48	35	28	37	36	22	32	39	38	37	31	43	42	38	907	education/research service
0202	quarrying	106	95	128	80	66	67	84	68	76	46	45	48	35	40	52	44	41	34	44	47	32	51	39	36	1,404	quarrying
1301	medical treatment service	46	57	60	53	48	56	39	54	36	39	34	29	22	37	20	35	25	27	24	22	26	32	19	25	865	medical treatment service
0501	land cargo handling service	38	34	28	23	29	36	36	38	33	24	29	25	26	24	22	27	27	20	23	20	27	27	26	24	666	land cargo handling service
0702	fishery	55	52	62	78	77	70	54	47	63	49	54	48	43	52	38	23	35	49	32	24	33	28	30	23	1,119	fishery
1401	hotel	39	40	38	44	41	52	32	34	45	47	38	33	46	23	26	19	34	25	30	21	39	34	23	17	820	hotel
1601	public office	7	10	12	4	11	13	12	7	2	7	6	7	6	4	5	3	6	7	7	9	7	9	8	12	181	public office
0502	harbor transportation service	8	15	17	13	16	21	14	17	10	20	11	8	15	12	8	8	6	13	15	13	13	11	20	9	313	harbor transportation service
0401	railroad/water transportation/airline service	13	11	11	6	7	13	10	9	6	7	12	8	12	8	9	9	10	4	12	12	10	4	6	9	218	railroad/water transportation/airline service
0402	road passenger transport service	15	8	16	10	11	9	16	9	11	14	10	7	13	6	9	9	13	7	7	12	6	8	7	7	240	road passenger transport service
0116	electric/gas/water service	3	8	11	8	5	8	8	9	8	8	8	5	9	15	2	6	8	8	4	4	4	6	7	7	169	electric/gas/water service
1701	dispatch service	9	15	13	24	25	40	19	13	20	14	3	12	9	16	7	6	6	10	20	8	9	10	9	4	321	dispatch service
0902	advertisement and mediator	9	7	11	10	10	7	2	4	3	5	3	7	4	10	6	5	3	5	3	2	2	6	1	4	129	advertisement and mediator
1303	other health and hygiene service	8	4	1	5	1	9	2	7	9	5	13	6	4	5	7	6	7	5	7	1	4	3	6	4	129	other health and hygiene service
1001	movie/play service	2	5	3	6	3	4	5	3	8	5	4	2	1	3	2	3	6	3	4	2		3	2	3	82	movie/play service
0404	other transportation service	1	2	1	1	2	2	4	3	4	1	2	1	3	3	3	1	2	1	1	2	1	1	1	3	46	other transportation service
1101	telecommunication service	2	2	3	2	5	5	9	5	11	9	8	4	8	8	3	4	4	6	6	3	3	5	4	2	121	telecommunication service
0203	other mining	7	5	6	1	5	4	8	3	4	2	1	3	2	2	6	3	1	3	4	1	1	1	1	2	76	other mining
0901	financial business	9	3	6	1	2	6	6	3	3		2	3		1	2	4	1	2	1	1	5	2	1	2	66	financial business
0803	haircut/beauty salon		1	1		1	1	1		1	2				1	1		1			1				1	13	haircut/beauty salon
0201	coal mining	5	1	5		1				1				2		1										16	coal mining
	total	25,149	24,466	22,905	21,440	20,971	20,132	19,027	18,188	17,723	16,950	14,347	14,418	14,462	14,039	13,474	13,106	12,649	12,191	12,014	11,929	11,908	11,268	11,472	11,140	385,368	total

Transition of causal agents (Large) of fatal and non-fatal accidents as code no. 1 machine in Large industry (1999-2022)

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	2022	total	Small industry
011209	other metal products	2,109	2,160	2,026	1,740	1,840	1,781	1,586	1,639	1,635	1,440	1,081	1,134	1,124	1,112	1,106	1,083	1,051	986	954	994	998	843	861	844	32,127	other metal products
010109	other foods	1,255	1,272	1,185	1,221	1,150	1,120	1,110	1,038	970	1,056	983	965	956	953	916	869	845	861	857	766	798	782	748	815	23,491	other foods
080209	other retails	365	382	346	383	391	394	396	386	394	424	389	437	432	436	432	417	437	422	397	445	455	432	450	428	9,870	other retails
030199	other civil engineering work	818	773	663	644	615	580	549	508	507	464	383	480	424	442	454	429	405	403	443	376	385	415	445	408	12,013	other civil engineering work
011301	machine products	1,012	893	844	758	735	758	709	763	655	660	426	502	561	480	463	455	453	426	420	441	410	342	423	385	13,974	machine products
030209	other building construction work	568	611	550	549	512	521	497	482	559	472	464	447	482	468	433	431	408	350	338	404	374	373	405	375	11,073	other building construction work
030201	steel frame/reinforced concrete house construction work	607	642	616	619	554	553	520	520	448	397	325	325	380	333	351	387	326	330	301	286	307	273	286	305	9,991	steel frame/reinforced concrete house construction work
010104	bread/cake products	527	537	558	503	477	482	490	425	422	433	395	438	391	374	369	337	307	315	331	325	296	265	291	297	9,585	bread/cake products

010805	plastics products	577	542	566	462	501	470	471	432	453	434	361	339	362	352	332	307	327	317	302	337	301	293	303	292	9,433	plastics products
030202	wooden house construction work	1,734	1,636	1,499	1,387	1,274	1,133	1,034	948	801	779	665	578	582	558	572	490	416	441	368	376	366	342	308	288	18,575	wooden house construction work
030309	other construction works	244	248	236	217	219	211	225	243	196	213	206	190	222	201	190	217	212	248	200	235	261	221	290	282	5,427	other construction works
060101	agriculture	146	138	169	148	135	167	160	129	178	191	201	205	222	224	234	245	224	205	215	232	271	285	278	266	4,868	agriculture
010409	other lumber and wood products	768	748	690	555	570	514	497	480	452	399	324	338	328	310	288	311	283	283	263	257	253	218	220	243	9,592	other lumber and wood products
140201	general restaurant	231	233	252	225	232	212	246	219	207	237	221	220	255	230	241	248	262	254	233	246	252	233	207	238	5,634	general restaurant
011502	auto mobile products	588	638	577	534	584	600	623	591	618	489	290	332	364	364	336	309	260	260	327	294	270	227	254	222	9,951	auto mobile products
060201	lumbering	499	463	404	399	442	421	390	367	409	407	357	366	378	308	279	275	298	290	228	228	222	231	225	216	8,102	lumbering
010401	lumbering	854	782	657	524	549	492	489	404	402	357	308	300	305	303	276	265	239	205	220	202	212	202	196	200	8,943	lumbering
011709	other manufacturing	394	420	393	385	405	355	317	331	284	272	262	254	233	238	210	234	210	178	208	219	207	203	171	200	6,583	other manufacturing
010602	paper processing products	432	406	401	424	418	376	313	332	341	306	262	276	243	263	246	235	207	239	234	204	206	195	212	188	6,959	paper processing products
010102	fishery products	415	438	400	338	376	370	342	306	315	298	286	271	279	278	223	243	260	244	235	184	223	225	216	177	6,942	fishery products
030106	road construction work	555	465	478	424	359	331	332	287	260	267	249	231	207	224	211	226	191	180	179	182	186	188	187	174	6,573	road construction work
150102	industrial waste management service	97	95	129	126	142	154	142	152	170	167	124	142	155	147	133	162	159	152	170	149	178	162	149	174	3,530	industrial waste management service
170209	others	274	263	224	262	251	230	221	225	198	187	192	182	182	185	173	157	168	147	148	174	173	176	161	170	4,723	others
011203	metal press products	570	611	455	408	411	449	381	358	339	278	186	238	221	238	207	251	233	179	181	190	178	159	168	169	7,058	metal press products
010101	meat/dairy products	298	312	273	269	284	251	274	226	221	240	224	206	224	201	189	171	210	179	194	211	209	184	157	162	5,369	meat/dairy products
080109	other wholesale	195	170	157	180	202	189	193	171	159	175	162	166	166	185	176	140	158	178	184	165	144	169	190	157	4,131	other wholesale
010701	printing service	504	492	434	447	358	395	337	327	319	308	308	269	249	219	219	213	175	180	171	168	152	168	157	143	6,712	printing service
070101	livestock	77	72	75	55	96	80	74	82	62	63	80	60	87	76	78	73	79	61	91	88	84	82	90	102	1,867	livestock
011409	other electrical equipment	256	258	229	193	170	194	175	170	166	151	98	120	113	110	105	85	87	90	92	93	77	87	93	101	3,313	other electrical equipment
060209	other forestry	366	375	404	401	385	360	293	243	288	293	326	306	247	222	174	161	164	155	133	115	139	133	126	95	5,904	other forestry
040301	general truck transportation service	155	146	152	143	140	134	98	121	131	120	113	97	98	101	109	95	94	97	95	99	80	87	92	93	2,690	general truck transportation service
010501	wood furniture	468	478	381	389	350	312	278	300	280	236	210	197	227	168	167	199	156	136	114	147	142	123	132	87	5,677	wood furniture
010806	rubber products	203	242	184	171	189	195	170	169	165	159	101	107	113	128	112	96	94	83	87	104	102	91	89	86	3,240	rubber products
130201	social welfare facility	40	45	47	52	52	61	63	56	52	66	53	79	68	74	88	55	71	75	83	75	90	79	102	85	1,611	social welfare facility
010901	cement products	181	187	181	160	156	145	139	135	105	128	84	90	82	102	121	88	87	71	76	75	93	95	81	79	2,741	cement products
080409	other commerce	83	86	70	90	87	70	92	79	72	83	61	58	77	57	61	54	65	72	61	81	68	82	85	74	1,768	other commerce
030109	land consolidation civil engineering work	189	167	140	148	132	128	118	115	105	101	101	73	80	74	71	89	80	66	88	70	72	70	74	73	2,424	land consolidation civil engineering work
140301	golf course	118	121	131	119	128	106	103	105	111	96	103	96	89	96	88	79	88	77	52	78	82	57	74	73	2,270	golf course
030110	water supply/sewage construction work	387	310	262	295	237	233	179	167	160	153	128	134	111	124	122	106	83	89	68	55	60	62	68	65	3,658	water supply/sewage construction work
030203	building facility construction work	181	183	208	173	173	143	136	131	112	123	95	101	98	101	103	88	90	92	87	86	59	73	82	65	2,783	building facility construction work
010209	other textile products	146	122	135	156	124	98	99	104	83	95	77	69	64	73	63	72	59	62	64	85	61	55	42	61	2,069	other textile products
011403	electronics equipment and telecommunications apparatus	146	180	128	111	106	115	109	84	89	85	70	68	77	60	62	72	50	55	60	50	51	53	49	61	1,991	electronics equipment and telecommunications apparatus
010609	other pulp/paper processing products	125	148	113	101	111	104	113	91	112	95	69	67	67	76	79	84	73	54	49	71	60	44	65	60	2,031	other pulp/paper processing products
150101	building maintenance service	87	89	98	87	83	75	75	72	61	69	61	68	55	56	64	53	64	46	55	42	54	45	46	58	1,563	building maintenance service
011509	other transport equipment products	123	107	107	110	107	105	86	68	97	75	50	49	56	52	57	64	61	65	49	50	57	53	62	57	1,767	other transport equipment products
010103	agricultural food products	184	162	187	152	142	132	135	130	112	110	106	123	106	115	102	96	84	96	98	80	79	81	73	56	2,741	agricultural food products
030107	river civil engineering work	118	112	90	76	69	60	72	61	48	50	51	56	42	59	53	57	52	32	34	39	48	62	42	56	1,439	river civil engineering work
010899	other chemical products	153	126	111	97	114	97	101	99	84	74	80	58	76	66	51	51	72	54	63	54	52	48	59	53	1,893	other chemical products
170201	security service	76	94	92	91	79	87	87	83	67	81	84	75	78	56	61	58	69	56	56	45	45	53	41	53	1,667	security service
011002	casting products	103	97	116	102	81	86	98	91	90	102	63	93	79	76	57	69	59	60	58	57	62	44	43	51	1,837	casting products
011701	auto mobile servicing	121	112	100	107	91	98	101	96	82	88	74	71	73	62	48	54	52	49	60	50	47	60	45	51	1,792	auto mobile servicing

030301	electricity/telecommunication work	88	74	98	72	70	65	51	71	56	62	63	56	60	61	42	59	53	40	45	52	48	50	63	50	1,449	electricity/telecommunication work
011703	cleaning	136	136	124	124	117	125	121	117	127	102	96	83	86	84	85	73	74	99	69	72	76	76	51	49	2,302	cleaning
010402	plywood	151	136	121	135	124	115	114	100	93	82	66	66	78	79	70	64	63	82	58	75	68	53	60	49	2,102	plywood
011001	steel/iron/rolling products	76	78	79	64	60	68	60	69	60	63	46	45	46	52	43	49	34	38	49	45	39	28	42	49	1,282	steel/iron/rolling products
010309	other fiber products	131	129	112	92	81	89	80	81	84	52	52	58	56	62	44	50	49	44	45	42	42	38	46	47	1,606	other fiber products
010909	other sand and stone products	164	144	133	135	119	103	97	92	111	91	81	76	86	81	72	65	68	69	62	71	49	52	64	44	2,129	other sand and stone products
011305	other precision machine products	136	128	122	126	131	79	111	89	116	110	57	65	74	79	62	58	52	48	41	46	53	52	44	42	1,921	other precision machine products
150109	other cleaning and livestock process service	40	50	59	52	55	50	52	60	44	51	41	42	45	38	48	43	42	34	32	31	38	34	31	41	1,053	other cleaning and livestock process service
010601	pulp/paper	164	155	129	126	112	98	94	105	86	90	72	64	66	59	59	60	65	49	52	60	52	55	53	40	1,965	pulp/paper
010503	fittings	246	216	198	209	184	162	148	116	125	140	89	110	99	79	91	76	65	71	62	70	53	61	51	38	2,759	fittings
011009	other steel products	88	72	69	91	56	67	60	56	69	71	34	49	37	43	37	49	41	40	41	37	42	32	33	38	1,252	other steel products
011109	other nonferrous metal products	83	58	64	65	74	72	60	57	61	59	45	48	45	48	43	40	42	45	35	48	33	31	38	36	1,230	other nonferrous metal products
120109	other education/research service	38	32	35	34	29	41	33	43	43	41	44	33	28	35	34	20	28	37	37	35	29	42	37	36	844	other education/research service
150103	other waste disposal service	51	36	37	49	67	63	55	51	55	55	50	61	41	42	54	43	40	44	47	48	52	48	42	35	1,166	other waste disposal service
010509	other furniture	132	156	116	115	128	101	99	89	71	78	68	62	67	73	38	53	46	48	43	31	44	45	38	34	1,775	other furniture
010801	non organic or organic chemical products	68	73	55	53	59	58	53	54	48	49	45	41	30	44	31	33	39	30	35	29	40	25	34	34	1,060	non organic or organic chemical products
011702	machine repair	96	101	81	71	65	68	81	64	49	65	66	42	34	48	41	48	49	37	54	36	39	38	40	33	1,346	machine repair
140309	other amusement service	65	49	54	55	55	51	46	37	43	58	50	46	35	47	39	33	44	33	35	29	31	34	30	32	1,031	other amusement service
030302	machinery/apparatus setting work	81	72	69	71	56	63	63	52	75	67	52	34	55	60	57	48	41	47	52	45	58	40	40	31	1,329	machinery/apparatus setting work
011102	nonferrous metals casting products	59	64	74	73	53	58	56	54	64	68	33	37	31	38	36	37	42	36	43	38	32	30	35	31	1,122	nonferrous metals casting products
011501	ship building	87	74	76	83	54	64	52	47	66	60	45	50	51	39	35	34	35	40	37	31	35	33	34	26	1,188	ship building
010709	other printing and bookbinding	38	42	52	52	50	50	53	46	33	40	30	33	31	32	22	23	29	22	19	28	21	22	28	26	822	other printing and bookbinding
011202	screw products	48	37	54	38	43	38	44	42	50	45	28	40	30	36	35	27	25	24	45	30	30	16	25	25	855	screw products
010803	pharmaceuticals	40	41	47	32	41	34	26	32	41	24	26	21	34	24	27	30	26	16	19	30	20	17	29	25	702	pharmaceuticals
080201	all kinds of retail	231	195	223	184	190	177	174	166	144	144	114	110	103	56	76	40	64	50	42	50	40	29	43	24	2,669	all kinds of retail
050101	land cargo handling service	38	34	28	23	29	36	36	38	33	24	29	25	26	24	22	27	27	20	23	20	27	27	26	24	666	land cargo handling service
011401	heavy electrical equipment	24	32	26	29	32	27	22	28	25	27	15	13	13	13	19	18	28	19	26	15	19	20	25	24	539	heavy electrical equipment
011402	electrical appliance	79	61	69	75	61	63	57	57	53	50	35	29	36	30	32	23	29	21	30	23	32	26	11	23	1,005	electrical appliance
010204	dyeing	78	52	68	52	53	36	47	34	26	33	31	28	16	26	28	21	24	18	28	17	23	14	23	23	799	dyeing
130101	hospital	40	55	56	48	46	53	36	50	33	32	28	24	19	31	18	34	21	26	19	17	24	21	15	22	768	hospital
011201	western tableware/cutting tool products	52	50	48	51	47	36	46	34	33	32	23	24	32	26	25	24	20	19	21	21	25	19	18	21	747	western tableware/cutting tool products
080204	fuel retail	35	37	50	30	26	28	28	22	36	22	23	20	18	19	23	21	16	25	21	15	17	15	20	21	588	fuel retail
030105	bridge construction work	35	42	25	32	51	21	28	23	24	28	20	20	16	23	18	25	22	17	26	18	12	18	16	21	581	bridge construction work
010106	soft drinks	31	34	30	31	26	27	29	21	27	23	17	20	18	16	24	11	21	14	14	17	20	20	20	21	532	soft drinks
010903	pottery products	59	66	59	46	39	43	36	33	40	19	15	21	22	28	18	23	26	18	12	17	22	7	19	20	708	pottery products
010105	alcoholic drinks	34	39	28	30	23	31	34	29	20	21	14	20	19	21	14	25	25	23	17	24	30	11	23	20	575	alcoholic drinks
010702	bookbinding	85	76	66	52	67	64	65	56	61	60	42	42	40	25	32	28	31	24	28	28	19	24	17	19	1,051	bookbinding
020201	quarrying	75	56	77	41	39	35	49	44	47	32	30	26	16	28	38	24	26	22	33	24	17	30	24	19	852	quarrying
011101	nonferrous metals/rolling products	43	42	38	41	36	31	25	36	35	30	28	20	34	23	24	26	22	27	22	17	34	33	12	19	698	nonferrous metals/rolling products
030102	tunnel construction work	40	52	41	22	31	27	22	19	20	22	16	13	17	14	14	13	13	21	18	15	12	18	9	19	508	tunnel construction work
011204	metal plating products	50	30	34	42	27	41	31	30	36	33	37	31	37	28	23	27	15	33	24	25	23	23	16	18	714	metal plating products
140101	hotel	39	40	38	44	41	52	32	34	45	47	38	33	46	23	26	19	34	25	30	21	39	34	23	17	820	hotel

010902	glass products	58	45	37	30	39	40	26	30	29	32	18	19	24	25	32	20	26	21	18	15	12	13	16	16	641	glass products
140209	other restaurants	20	34	26	29	29	24	19	23	31	24	26	23	29	24	28	24	23	17	26	22	11	12	12	15	551	other restaurants
070201	fishery	44	36	52	57	54	52	46	39	49	35	44	35	35	42	27	12	20	24	21	20	21	15	20	14	814	fishery
010301	over/under wear	75	66	43	55	49	34	26	31	26	24	24	24	15	16	23	21	17	11	17	15	15	19	17	14	677	over/under wear
080202	auto mobile retail	22	15	21	22	23	17	17	17	16	16	24	9	13	16	20	19	9	17	13	17	16	19	21	14	413	auto mobile retail
030108	sand collapse prevention civil engineering work	61	43	49	27	45	27	28	24	26	27	12	18	19	15	22	22	19	13	10	17	20	19	9	13	585	sand collapse prevention civil engineering work
020202	gravel digging	23	28	41	33	22	25	28	18	21	9	12	15	16	11	11	16	10	7	11	19	14	16	11	13	430	gravel digging
010203	weaving	78	69	55	47	59	48	39	38	23	19	35	25	28	19	20	24	22	19	24	18	19	10	10	12	760	weaving
010807	leather products	54	47	48	38	45	35	28	33	24	29	21	19	18	23	25	24	22	20	12	16	19	14	14	12	640	leather products
010202	cotton-spinning	71	64	44	51	26	26	24	30	28	17	18	21	18	19	17	12	15	16	18	14	17	8	16	12	602	cotton-spinning
040302	specific truck transportation service	13	10	15	15	13	9	7	13	6	9	4	3	7	6	13	4	7	8	9	4	5	10	8	12	210	specific truck transportation service
160101	public office	7	10	12	4	11	13	12	7	2	7	6	7	6	4	5	3	6	7	7	9	7	9	8	12	181	public office
011303	optical instruments	28	30	22	37	18	26	30	34	25	17	8	9	15	15	7	10	6	10	10	11	17	9	7	11	412	optical instruments
080401	warehousing	13	9	11	15	13	18	10	13	12	11	9	12	8	9	9	8	7	10	11	12	9	14	16	11	270	warehousing
070209	other fishery	11	16	10	21	23	18	8	8	14	14	10	13	8	10	11	11	15	25	11	4	12	13	10	9	305	other fishery
030104	railway construction work	23	15	17	14	8	10	10	14	11	15	4	10	5	7	7	14	7	7	16	9	7	12	10	8	260	railway construction work
010802	chemical fiber	21	28	25	22	11	16	17	9	21	14	8	12	10	8	15	11	13	11	14	8	12	10	11	7	334	chemical fiber
010809	chemical fertilizer products	15	17	14	10	19	15	19	13	18	13	17	15	16	11	14	11	7	15	6	7	10	9	12	7	310	chemical fertilizer products
030111	port/seaside construction work	21	21	17	16	15	9	19	2	16	13	10	8	7	10	11	15	4	14	16	7	9	8	11	7	286	port/seaside construction work
140302	park and amusement park	14	11	11	15	6	10	5	10	10	13	11	7	3	13	10	9	12	12	15	5	6	8	10	7	233	park and amusement park
150105	livestock process service	7	4	1	10	4	5	9	7	1	10	14	5	10	6	8	5	4	5	4	2	3	1	4	7	136	livestock process service
080101	all kinds of wholesale	40	22	34	23	22	21	19	22	13	6	14	5	10	12	8	4	5	4	5	6	9	7	7	6	324	all kinds of wholesale
050202	port cargo handling service	3	8	16	10	11	17	11	14	7	13	8	7	8	8	6	5	5	12	9	8	8	8	13	6	221	port cargo handling service
040309	other land cargo transportation service	10	10	6	11	15	7	9	6	11	9	11	7	9	4	4	3	3	5	3	9	7	1	8	6	174	other land cargo transportation service
040202	bus service	7	7	8	9	8	6	11	5	6	10	6	4	8	4	8	3	10	5	1	9	4	5	6	6	156	bus service
030101	hydroelectric plant construction work	9	5	11	6	7	3	6	5	2	5	7	5	3	3	1	5	2	6	2	1	2	4	1	6	107	hydroelectric plant construction work
010905	other ceramic products	33	26	32	22	24	31	16	20	23	17	10	14	10	17	13	8	7	14	6	8	9	8	8	5	381	other ceramic products
011302	measuring instruments	19	26	23	20	27	19	15	16	21	13	16	12	15	11	11	11	13	7	13	14	4	3	5	5	345	measuring instruments
010804	petroleum/coal products	26	15	22	15	10	20	9	14	9	8	9	11	12	4	8	13	10	4	5	5	5	6	14	5	259	petroleum/coal products
040101	railroad service	13	10	10	5	5	12	7	7	5	5	11	7	10	7	6	6	6	3	9	10	9	2	4	5	174	railroad service
011601	electric utility service	2		4	1	2	1	4	2	2	1	4		2	6		2	4	3	3		1	1	2	5	52	electric utility service
170101	dispatch service	9	15	13	24	25	40	19	13	20	14	3	12	9	16	7	6	6	10	20	8	9	10	9	4	321	dispatch service
010808	painting products	19	15	17	12	13	7	8	15	7	5	10	9	7	5	6	7	10	7	5	7	7	7	11	4	220	painting products
011503	railway vehicle products	14	8	13	7	12	10	7	10	9	11	10	8	5	3	7	5	8	11	9	8	4	6	6	4	195	railway vehicle products
020209	other quarrying	8	11	10	6	5	7	7	6	8	5	3	7	3	1	3	4	5	5		4	1	5	4	4	122	other quarrying
080203	furniture/fittings retail	8	6	7	12	6	1	7	7	6	7	5	3	3	4	3	6	5	5	2	5	3	1	4	4	120	furniture/fittings retail
010904	fire resisting products	19	18	11	7	17	13	13	8	10	15	5	3	4	5	9	7	4	1	9	7	3	6	1	3	198	fire resisting products
090209	other advertisement and mediator	9	7	9	10	10	7	2	4	3	5	3	7	4	10	6	5	3	5	3	2	2	6	1	3	126	other advertisement and mediator
130301	bathroom	3	2		3	1	6		3	8	3	9	4	3	5	4	4	4	3	6	1	1	1	4	3	81	bathroom
011304	watch products	9	8	4	4	7	3	3	5	4	3	3	2		2	2	1	1	2	2	2	1		1	3	72	watch products
100109	other movie/play service	1	3		3	3	2	4	2	5	4	3			3	1	1	4	2	2	1		3	1	3	51	other movie/play service
040409	other transportation service	1	2	1	1	2	2	4	3	4	1	2	1	3	3	3	1	2	1	1	2	1	1	1	3	46	other transportation service
040102	water transportation service		1	1		1		1			2	1	1	2	1	2	2	2	1	3	2	1	2	2	3	31	water transportation service
110101	telecommunication service	2	2	3	2	5	5	9	5	11	9	8	4	8	8	3	4	4	6	6	3	3	5	4	2	121	telecommunication service
010201	silk-reeling	11	16	10	3	5	7	1	5		2		2	5	5	1	2	1	2	2	2		2	2	2	88	silk-reeling
050201	general harbor transportation service	4	5	1	3	5	3	2	2	3	7	3	1	5	3	2			1	5	4	2	3	5	2	71	general harbor transportation service

011603	city water service	1	3	2	5	1	4	3	4	4	2	2	1	6	5	2	2	3	1	1	2	3	4	3	2	66	city water service
130109	other medical treatment service	5	1	3	5		3	1	3	2	5	5	3	2	5		1	2	1	3	2	1	8	2	2	65	other medical treatment service
020309	other mining	6	5	6		4	3	7	3	3	2	1	2	1		4	2	1	3	4	1	1	1	1	2	63	other mining
120101	auto mobile practical training	6	1	2	2	2	5	4	1	3	1	4	1		2	2	2	2	2	1	2	2	1	4	2	54	auto mobile practical training
030103	subway construction work	2	3	2		3	2	2	2	3		2	2				1	1	1	2		3	2		2	35	subway construction work
010502	metal furniture	23	14	7	14	14	14	12	8	8	11	5	8	12	8	10	11	6	9	7	4	5	10	1	1	222	metal furniture
080205	newspaper retail	5	5	9	3	7	4	4	6	7	6	2	3	3	1	3	2	3	1		2		4	4	1	85	newspaper retail
080102	furniture/fittings wholesale	5	7	8	3	4	3	3	4	4	1	3	3	1		2	1	6	1	3	2	1	3	7	1	76	furniture/fittings wholesale
040201	taxi service	8	1	7	1	3	2	4	3	4	2	4	3	4	2	1	6	3	2	4	2	1	3	1	1	72	taxi service
011704	tobacco products	6	6	9	6	5	5	1	5	2	5	2	2			1	1			1			2		1	60	tobacco products
130309	other health and hygiene service	5	2	1	2		3	2	4	1	2	4	2	1		3	2	3	2	1		3	2	2	1	48	other health and hygiene service
040303	cargo/ light automobile transportation service	1	1	1	3	1	4	1	1	6	1	1	1	1		2	2	1			1	1	2	1	1	34	cargo/ light automobile transportation service
130102	general clinic	1	1	1		2		2	1	1	2	1	2	1	1	2		2		2	3	1	3	2	1	32	general clinic
090101	banking/trust business	1		2	1	1	4	2		1			2		1	1	2	1	1			1	1	1	1	24	banking/trust business
090109	other financial business	6	1	3			1	2	2			2					2		1	1	1	1			1	24	other financial business
050209	other harbor transportation service	1	2				1	1	1					2	1		3	1		1	1	3		2	1	21	other harbor transportation service
170202	information processing service	2	1	1		2		1	1	1	2	1	2			1	1				1		2	1	1	21	information processing service
040103	airline service				1	1	1	2	2	1						1	1	2							1	13	airline service
150104	cremation service	1									2			1					1						1	6	cremation service
080301	haircut			1																	1				1	3	haircut
090201	traveling service			2																					1	3	traveling service
011602	city gas service		3	1	2	2	1	1	2	2	4	1	3	1	3		1	1	2		1			2		33	city gas service
100101	movie production and delivery service	1	1	2	3		1		1	2	1	1	1			1	2			1	1			1		20	movie production and delivery service
011609	other electric/gas/water service		2	4			2		1		1	1	1		1		1		2		1		1			18	other electric/gas/water service
090103	insurance business	2	2	1			1	2	1	2						1						3	1			16	insurance business
020101	general coal mining	4	1	5		1								1		1										13	general coal mining
040209	other passenger transport service			1			1	1	1	1	2			1						2	1	1				12	other passenger transport service
100102	movie theatre		1	1			1	1		1			1	1				2	1	1						11	movie theatre
020301	metal mining	1			1	1	1	1					1			2	1	1								10	metal mining
080302	beauty salon		1			1	1	1		1	2				1	1		1								10	beauty salon
120102	software service	1		1	1			1		1			1					2						1		9	software service
020109	other coal mining	1								1				1												3	other coal mining
020302	petroleum mining								1				1		1											3	petroleum mining
090102	stock/commodity trade business					1							1													2	stock/commodity trade business
	total	25,149	24,466	22,905	21,440	20,971	20,132	19,027	18,188	17,723	16,950	14,347	14,418	14,462	14,039	13,474	13,106	12,649	12,191	12,014	11,929	11,908	11,268	11,472	11,140	385,368	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