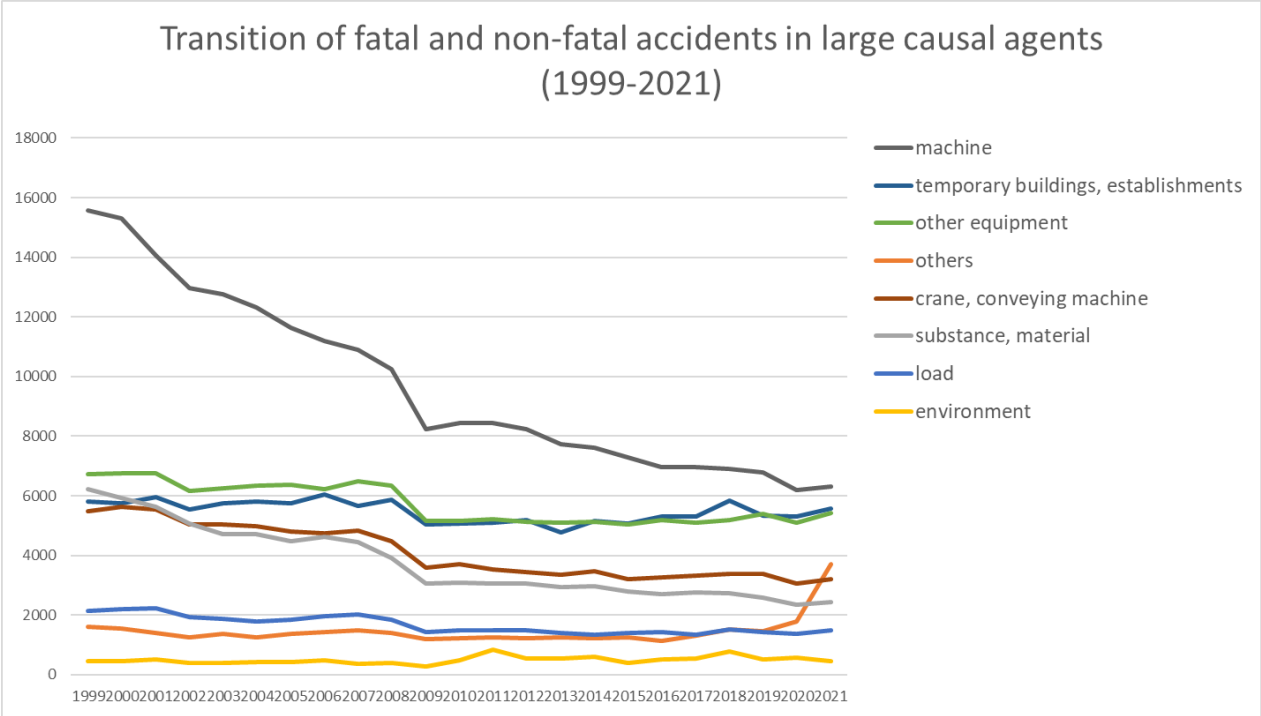
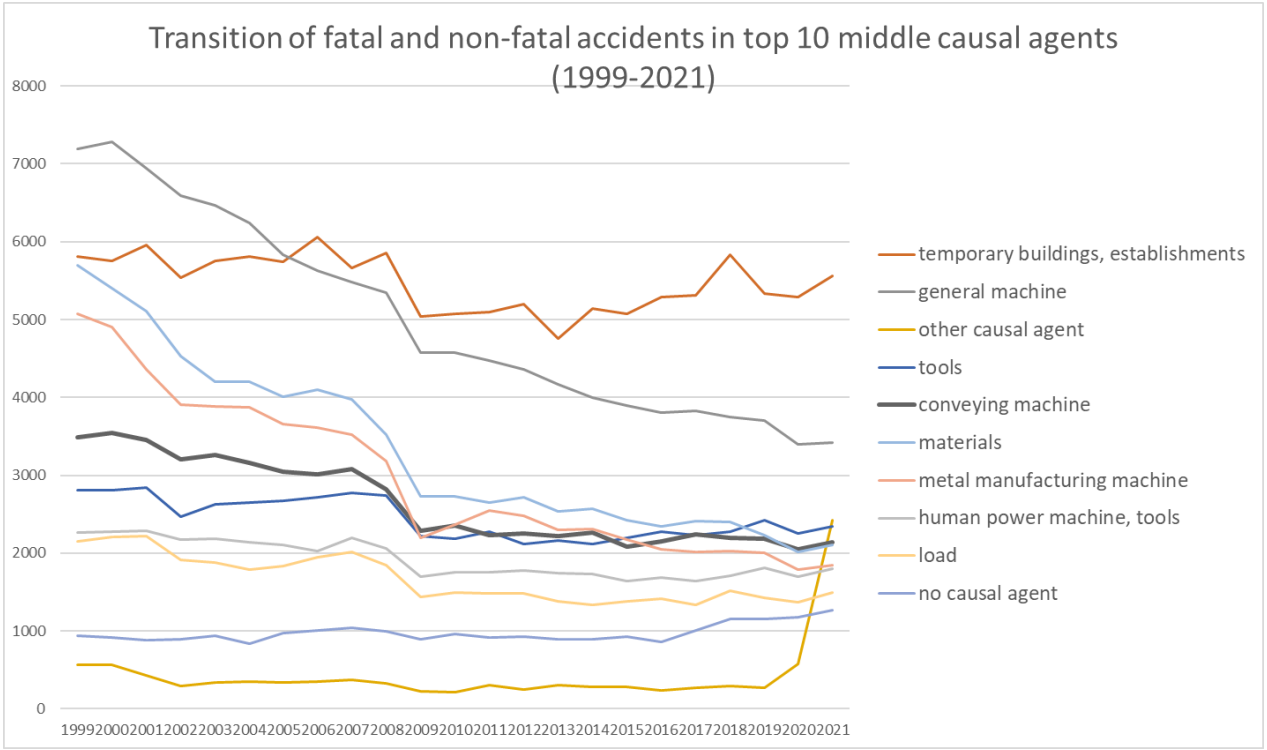
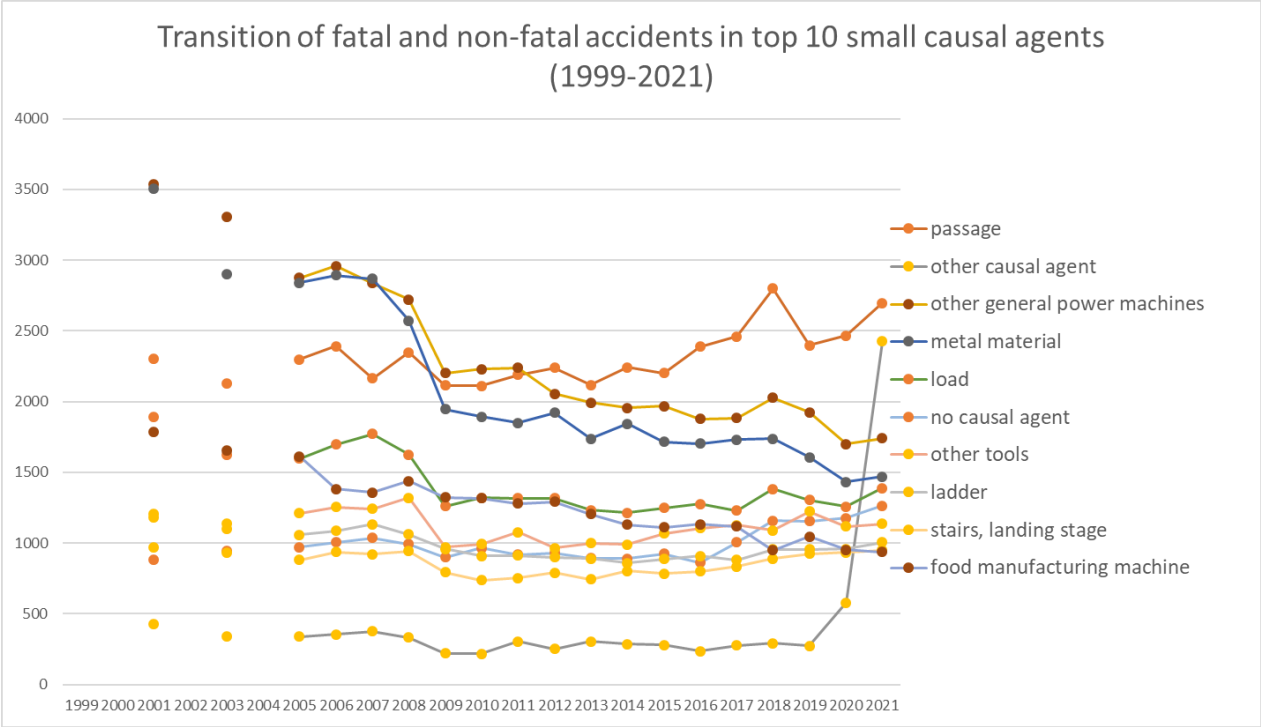
Transition of fatal and non-fatal accidents in each element like as causal agents, type of accidents, etc. in code no. 01 manufacturing (1999-2021)



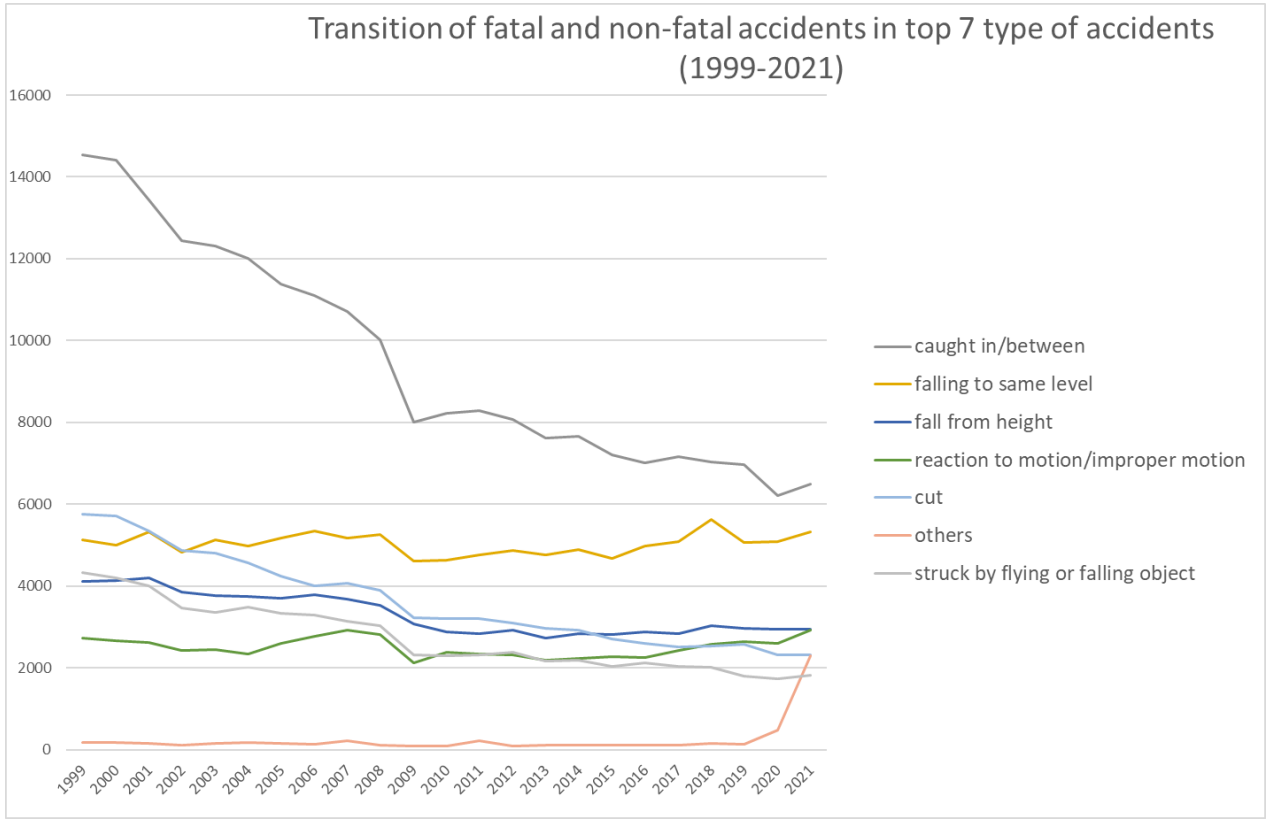
Transition of fatal and non-fatal accidents in large causal agents in code no. 01 manufacturing (1999-2021)



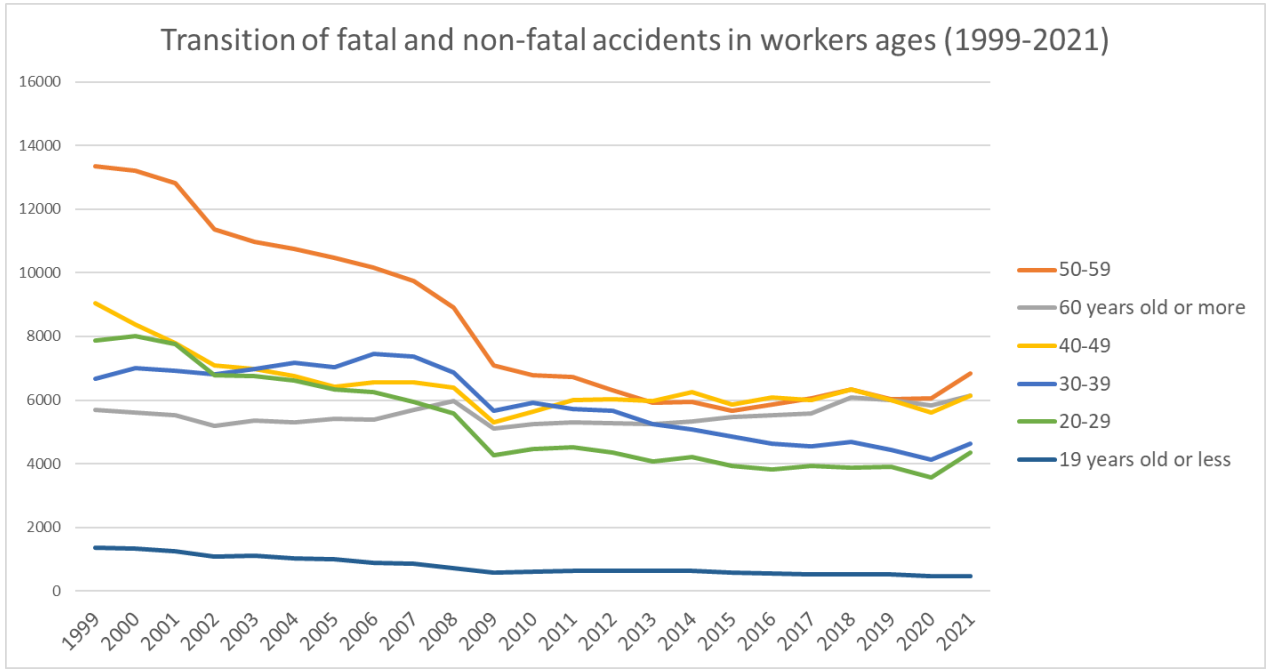
Transition of fatal and non-fatal accidents in middle causal agents in code no. 01 manufacturing (1999-2021)



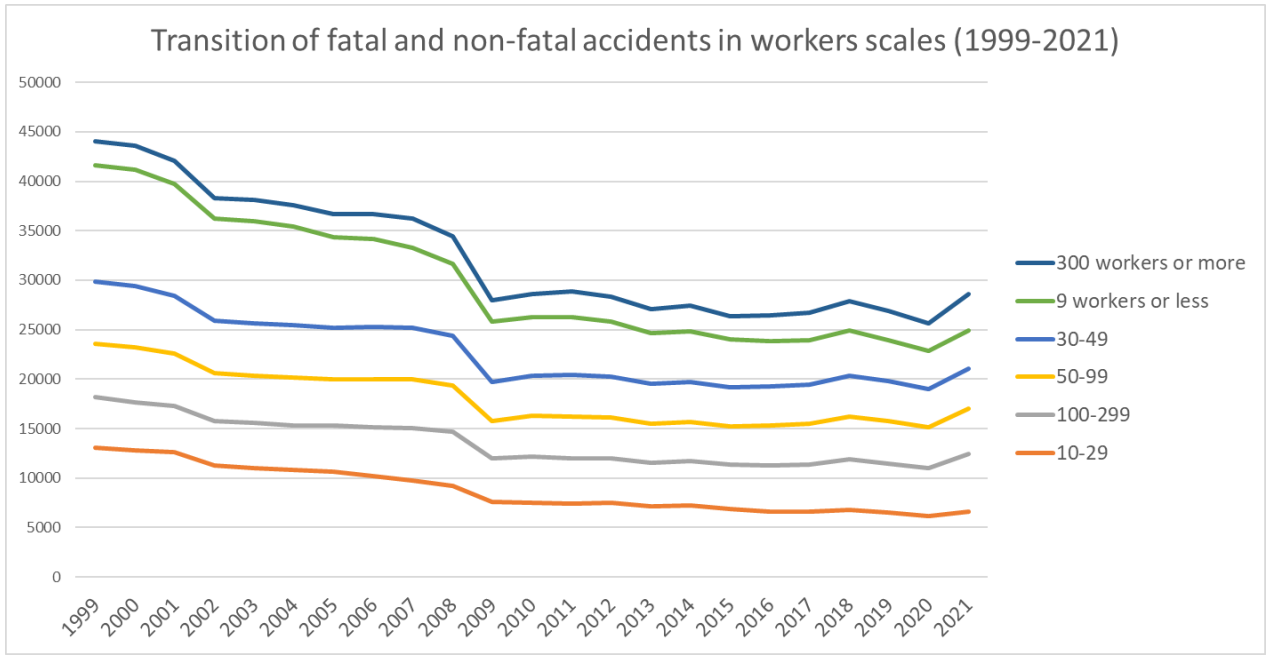
Transition of fatal and non-fatal accidents in small causal agents in code no. 01 manufacturing (1999-2021)



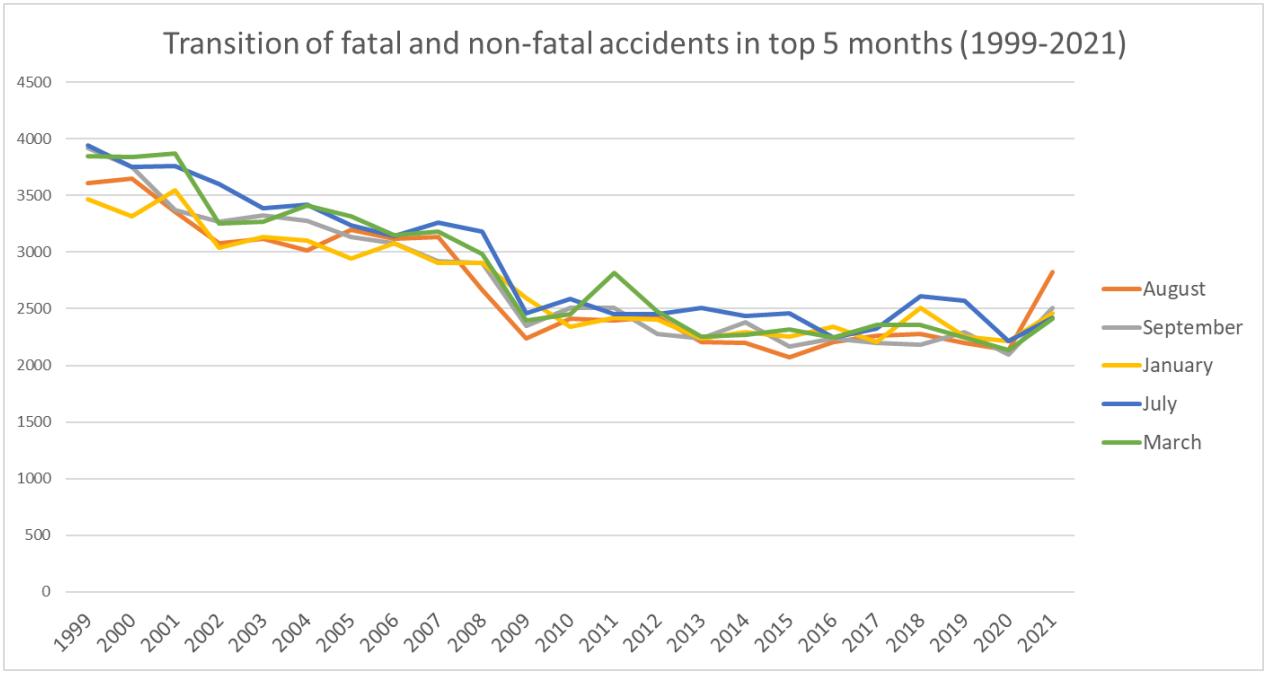
Transition of fatal and non-fatal accidents in type of accidents in code no. 01 manufacturing (1999-2021)



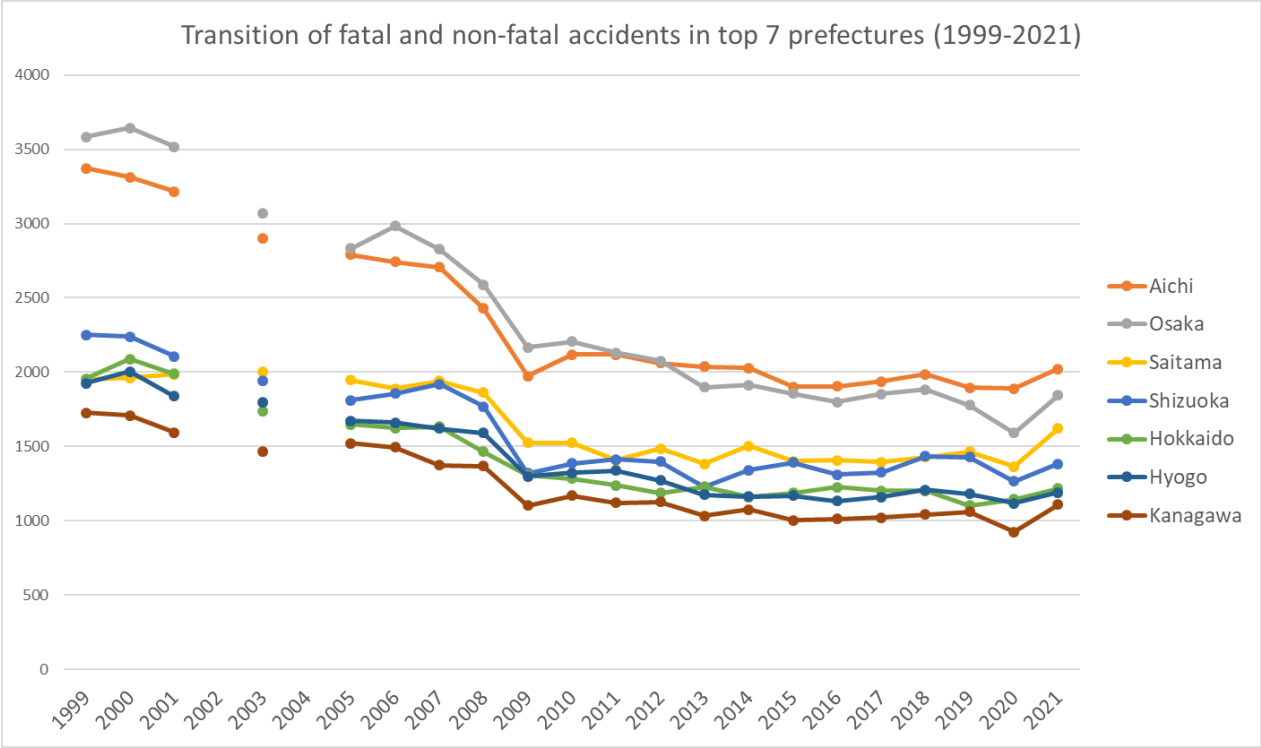
Transition of fatal and non-fatal accidents in workers ages in code no. 01 manufacturing (1999-2021)



Transition of fatal and non-fatal accidents in workers scales in code no. 01 manufacturing (1999-2021)



Transition of fatal and non-fatal accidents in months in code no. 01 manufacturing (1999-2021)



Transition of fatal and non-fatal accidents in prefectures in code no. 01 manufacturing (1999-2021)

Transition of fatal and non-fatal accidents in large causal agents in code no. 01 manufacturing (1999-2021)

code	Causal (L) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (L) agents
1	machine	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	223,037	machine
4	temporary buildings, establishments	5,812	5,756	5,961	5,541	5,758	5,805	5,745	6,058	5,665	5,858	5,045	5,074	5,093	5,200	4,759	5,144	5,078	5,294	5,314	5,830	5,335	5,294	5,556	125,975	temporary buildings, establishments
3	other equipment	6,729	6,742	6,755	6,159	6,240	6,327	6,374	6,218	6,496	6,325	5,152	5,159	5,207	5,127	5,109	5,118	5,034	5,175	5,097	5,178	5,406	5,084	5,421	131,632	other equipment
9	others	1,596	1,555	1,390	1,249	1,359	1,242	1,380	1,414	1,483	1,392	1,182	1,217	1,255	1,222	1,242	1,216	1,240	1,124	1,320	1,511	1,464	1,770	3,710	33,533	others
2	crane, conveying machine	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	crane, conveying machine

5	substance, material	6,211	5,920	5,642	5,063	4,721	4,720	4,490	4,613	4,456	3,923	3,065	3,089	3,044	3,066	2,930	2,971	2,797	2,707	2,773	2,742	2,574	2,335	2,441	86,293	substance, material
6	load	2,148	2,207	2,215	1,918	1,875	1,790	1,837	1,951	2,017	1,844	1,435	1,492	1,478	1,479	1,385	1,337	1,385	1,416	1,335	1,517	1,430	1,372	1,499	38,362	load
7	environment	449	439	506	385	403	423	429	472	367	402	282	471	837	539	552	596	394	508	532	783	514	572	465	11,320	environment
	total	43,998	43,553	42,068	38,323	38,145	37,593	36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	744,548	total

Transition of fatal and non-fatal accidents in middle causal agents in code no. 01 manufacturing (1999-2021)

code	Causal (M) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (M) agents
41	temporary buildings, establishments	5,812	5,756	5,961	5,541	5,758	5,805	5,745	6,058	5,665	5,858	5,045	5,074	5,093	5,200	4,759	5,144	5,078	5,294	5,314	5,830	5,335	5,294	5,556	125,975	temporary buildings, establishments
16	general machine	7,190	7,287	6,939	6,591	6,468	6,244	5,830	5,634	5,479	5,341	4,578	4,575	4,473	4,361	4,164	3,995	3,894	3,801	3,826	3,747	3,705	3,393	3,422	114,937	general machine
91	other causal agent	564	561	427	299	343	350	339	354	375	333	221	218	305	252	305	284	278	235	276	291	274	578	2,425	9,887	other causal agent
37	tools	2,810	2,814	2,847	2,464	2,627	2,646	2,671	2,721	2,778	2,739	2,218	2,185	2,274	2,115	2,161	2,112	2,202	2,272	2,234	2,273	2,423	2,257	2,342	56,185	tools
22	conveying machine	3,491	3,541	3,459	3,202	3,262	3,159	3,046	3,017	3,081	2,821	2,292	2,350	2,228	2,250	2,224	2,263	2,078	2,152	2,239	2,196	2,189	2,047	2,143	60,730	conveying machine
52	materials	5,700	5,399	5,107	4,525	4,206	4,203	4,012	4,100	3,973	3,519	2,728	2,724	2,646	2,719	2,531	2,575	2,424	2,349	2,414	2,405	2,235	2,018	2,105	76,617	materials
15	metal manufacturing machine	5,077	4,902	4,364	3,907	3,890	3,876	3,661	3,611	3,521	3,178	2,192	2,362	2,547	2,485	2,299	2,308	2,179	2,052	2,018	2,028	2,002	1,788	1,843	68,090	metal manufacturing machine
36	human power machine, tools	2,265	2,281	2,291	2,179	2,184	2,135	2,107	2,025	2,198	2,066	1,698	1,753	1,753	1,776	1,739	1,732	1,644	1,685	1,647	1,714	1,807	1,694	1,795	44,168	human power machine, tools
61	load	2,148	2,207	2,215	1,918	1,875	1,790	1,837	1,951	2,017	1,844	1,435	1,492	1,478	1,479	1,385	1,337	1,385	1,416	1,335	1,517	1,430	1,372	1,499	38,362	load
92	no causal agent	936	911	879	892	942	834	970	1,005	1,036	994	899	966	917	929	893	891	923	861	1,006	1,158	1,154	1,176	1,263	22,435	no causal agent
39	other equipments, facilities	1,005	968	959	932	859	939	1,027	954	961	952	780	822	800	810	794	861	818	826	811	802	781	765	900	20,126	other equipments,

																										facilities
13	woodworking machine	2,614	2,489	2,164	1,918	1,940	1,706	1,611	1,467	1,450	1,288	1,086	1,082	1,077	988	922	978	844	818	762	778	760	706	719	30,167	woodworking machine
21	crane	1,226	1,293	1,301	1,166	1,120	1,125	1,124	1,126	1,107	1,059	790	801	795	784	694	776	685	697	695	754	763	656	690	21,227	crane
71	natural environment	449	439	506	385	403	423	429	472	367	402	282	471	837	539	552	596	394	508	532	783	514	572	465	11,320	natural environment
23	vehicle	764	782	789	682	641	683	623	611	628	592	511	558	491	404	445	418	427	406	395	436	414	355	384	12,439	vehicle
51	hazards, harmful substances	511	521	535	538	515	517	478	513	483	404	337	365	398	347	399	396	373	358	359	337	339	317	336	9,676	hazards, harmful substances
12	power transmission mechanism	494	434	395	392	324	333	376	329	306	311	263	287	254	257	243	233	257	207	252	245	204	199	199	6,794	power transmission mechanism
33	welding equipment	279	279	272	252	222	241	239	225	242	235	180	126	141	170	174	175	145	172	154	145	141	138	135	4,482	welding equipment
34	kiln, caldron	158	180	180	144	169	164	133	126	137	147	130	146	104	101	134	123	105	100	124	104	134	121	114	3,078	kiln, caldron
14	construction machine	173	170	154	128	118	134	152	133	120	115	102	112	81	110	99	91	80	86	96	77	94	94	99	2,618	construction machine
35	electric equipment	98	95	96	81	80	100	87	71	80	97	65	70	75	71	57	55	71	61	62	71	62	64	64	1,733	electric equipment
31	pressure vessel	81	88	90	70	67	64	73	66	73	61	61	41	36	60	37	36	30	33	46	40	36	31	38	1,258	pressure vessel
32	chemical facilities	33	37	20	37	32	38	37	30	27	28	20	16	24	24	13	24	19	26	19	29	22	14	33	602	chemical facilities
99	unclassifiable	96	83	84	58	74	58	71	55	72	65	62	33	33	41	44	41	39	28	38	62	36	16	22	1,211	unclassifiable
11	engine	24	36	34	22	26	26	16	16	20	15	20	14	12	19	10	8	13	6	17	18	13	7	11	403	engine
17	mobile silviculture machine																	6	5	3	2	6	3	3	28	mobile silviculture machine
	total	43,998	43,553	42,068	38,323	38,145	37,593	36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	744,548	total

Transition of fatal and non-fatal accidents in small causal agents in code no. 01 manufacturing (1999-2021)

code	Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents
417	passage			2,303		2,127		2,299	2,392	2,165	2,349	2,113	2,112	2,188	2,239	2,119	2,243	2,203	2,388	2,461	2,801	2,398	2,466	2,698	44,064	passage
911	other causal agent			427		343		339	354	375	333	221	218	305	252	305	284	278	235	276	291	274	578	2,425	8,113	other causal agent
169	other general power machines			3,539		3,304		2,874	2,960	2,836	2,721	2,203	2,230	2,239	2,054	1,992	1,956	1,969	1,879	1,883	2,027	1,925	1,700	1,740	44,031	other general power machines
521	metal material			3,503		2,899		2,841	2,894	2,867	2,573	1,946	1,894	1,851	1,922	1,736	1,842	1,716	1,702	1,730	1,736	1,607	1,432	1,468	40,159	metal material
611	load			1,892		1,623		1,596	1,696	1,771	1,625	1,260	1,320	1,317	1,317	1,232	1,214	1,247	1,276	1,231	1,381	1,304	1,259	1,387	26,948	load
921	no causal agent			879		942		970	1,005	1,036	994	899	966	917	929	893	891	923	861	1,006	1,158	1,154	1,176	1,263	18,862	no causal agent
379	other tools			1,179		1,099		1,211	1,254	1,241	1,319	971	993	1,077	966	998	991	1,066	1,106	1,126	1,088	1,223	1,116	1,137	21,161	other tools
371	ladder			1,207		1,140		1,057	1,087	1,132	1,062	957	909	911	898	889	860	886	907	882	955	955	958	1,004	18,656	ladder
413	stairs, landing stage			971		933		881	936	922	942	793	736	754	791	743	802	783	800	834	889	925	932	950	16,317	stairs, landing stage
165	food manufacturing machine			1,785		1,652		1,612	1,381	1,358	1,437	1,324	1,317	1,280	1,293	1,206	1,130	1,112	1,133	1,118	950	1,046	953	938	24,025	food manufacturing machine
391	other equipment, facilities			959		859		1,027	954	961	952	780	822	800	810	794	861	818	826	811	802	781	765	900	16,282	other equipment, facilities
362	human power hauling equipment			778		801		872	825	888	886	695	764	787	787	764	802	800	873	830	879	897	842	811	15,581	human power hauling equipment
221	truck			1,233		1,091		986	1,001	1,025	855	769	770	703	752	768	761	708	763	797	783	772	752	764	16,053	truck
416	working platform, boot board			1,013		1,085		986	1,075	1,007	1,068	892	926	873	877	779	911	915	891	835	836	845	749	763	17,326	working platform, boot board
364	hand tool			1,383		1,279		1,154	1,112	1,219	1,095	945	917	895	926	919	853	774	752	746	777	755	690	751	17,942	hand tool
224	conveyor			1,030		995		895	918	931	879	683	760	708	678	714	699	623	629	651	620	599	575	625	14,212	conveyor
222	forklift			970		942		952	894	922	909	684	645	664	671	621	649	614	633	638	653	652	596	620	13,929	forklift
159	other metal manufacturing machines			1,366		1,170		1,096	1,126	1,093	944	623	709	798	766	734	734	628	603	672	653	650	566	607	15,538	other metal manufacturing machines
211	crane			963		856		883	849	843	847	607	615	631	625	534	590	544	556	559	595	601	496	550	12,744	crane
418	building,			815		761		744	821	824	773	622	672	642	581	553	538	582	570	610	599	485	472	514	12,178	building,

	establishment																								establishment
419	other temporary buildings, establishments			493		515		509	522	444	433	379	406	389	439	373	418	392	425	377	474	452	458	438	8,336	other temporary buildings, establishments
154	power press			1,100		1,092		1,005	948	890	768	512	549	629	634	565	587	545	498	533	490	488	426	430	12,689	power press
529	other materials			616		531		492	580	526	466	397	447	431	422	413	367	369	335	387	360	354	308	354	8,155	other materials
131	circular sawing machine			993		946		787	733	674	618	536	553	504	457	434	473	423	393	356	375	375	348	345	10,323	circular sawing machine
231	cars, bus, motorcycle			717		578		570	559	575	537	449	520	457	360	413	372	390	372	365	393	378	326	342	8,673	cars, bus, motorcycle
153	grinding machine, buffing machine			546		475		473	465	519	478	341	367	413	358	345	347	330	335	306	318	339	295	301	7,351	grinding machine, buffing machine
163	roll machine (except printingroll machine)			606		564		521	496	478	466	415	438	375	403	398	385	351	326	375	328	314	318	287	7,844	roll machine (except printingroll machine)
522	lumber, bamboo			790		628		560	511	491	383	312	311	299	299	319	280	268	262	243	264	231	242	246	6,939	lumber, bamboo
719	other environments			270		206		249	222	162	189	135	181	274	296	293	339	199	277	287	364	186	209	245	4,583	other environments
151	lathe			505		413		380	420	350	363	275	290	292	322	263	224	276	231	202	240	217	213	225	5,701	lathe
361	human power cranes			46		45		39	42	38	39	22	27	32	26	19	23	24	25	27	24	123	130	210	961	human power cranes
139	other woodworking machines			567		493		435	403	412	331	262	279	293	312	254	272	238	247	233	218	224	186	209	5,868	other woodworking machines
152	drill press, milling machine			649		536		529	497	482	453	298	309	299	275	292	292	302	270	215	235	219	212	202	6,566	drill press, milling machine
372	slinging tool			461		388		403	380	405	358	290	283	286	251	274	261	250	259	226	230	245	183	201	5,634	slinging tool
166	printing machine			507		452		404	401	376	371	320	298	291	284	259	247	204	215	210	190	171	172	201	5,573	printing machine
121	power transmission mechanism			395		324		376	329	306	311	263	287	254	257	243	233	257	207	252	245	204	199	199	5,141	power transmission mechanism
715	high/cold temperature			142		90		94	128	110	122	77	214	142	160	173	180	141	163	174	319	249	267	172	3,117	high/cold temperature

	environment																								environment
519	other hazards, harmful substances			218		193		158	176	182	154	144	134	159	133	170	150	141	154	164	140	158	162	164	3,054	other hazards, harmful substances
162	mixer, grinder			271		242		204	204	209	193	165	142	162	188	175	166	152	144	136	129	142	151	140	3,315	mixer, grinder
229	other powered conveying machines			184		199		182	166	173	139	125	154	128	121	101	125	114	109	131	121	133	107	113	2,625	other powered conveying machines
612	machine/equipment as load			323		252		241	255	246	219	175	172	161	162	153	123	138	140	104	136	126	113	112	3,351	machine/equipment as load
514	harmful substance			172		161		187	208	177	141	110	139	147	131	141	140	154	132	124	131	110	99	107	2,711	harmful substance
341	kiln, caldron			140		133		102	94	108	118	93	120	75	80	105	91	83	70	95	76	105	89	95	1,872	kiln, caldron
164	injection molding machine			191		201		172	141	159	105	115	116	87	102	96	72	71	69	70	91	72	67	80	2,077	injection molding machine
414	opening			95		87		88	95	88	85	83	71	80	100	63	75	63	74	68	76	82	89	73	1,535	opening
133	wood planer machine			216		180		152	135	125	142	120	114	129	75	89	95	69	67	67	69	80	66	71	2,061	wood planer machine
156	shearing machine			173		189		153	136	170	146	128	120	104	120	88	113	87	104	79	82	77	68	69	2,206	shearing machine
339	other welding equipment			134		107		100	99	90	102	49	51	45	68	73	83	66	65	65	56	62	56	66	1,437	other welding equipment
415	roof, beam, haze, crossbeam, principal rafter			117		102		98	97	66	83	65	72	83	77	59	61	50	61	55	73	52	48	57	1,376	roof, beam, haze, crossbeam, principal rafter
411	scaffolding			140		134		127	114	139	112	90	74	74	85	63	87	82	80	72	77	90	69	54	1,763	scaffolding
332	arc welding equipment			79		70		87	88	100	88	76	48	57	60	67	62	48	76	52	55	49	56	54	1,272	arc welding equipment
214	elevator, lift			137		109		92	105	110	80	67	77	50	57	56	72	60	46	45	54	65	53	53	1,388	elevator, lift
212	mobile crane			110		87		76	88	89	77	60	62	61	55	55	60	50	58	53	51	50	47	51	1,240	mobile crane
132	band sawing machine			203		159		134	99	121	86	88	65	82	66	68	67	54	52	50	53	36	50	42	1,575	band sawing machine
512	inflammable substance			82		93		79	91	80	67	60	66	56	52	55	62	57	51	43	36	48	38	42	1,158	inflammable substance

523	stone, sand, substance			198		148		119	115	89	97	73	72	65	76	63	86	71	50	54	45	43	36	37	1,537	stone, sand, substance
239	other vehicles			68		57		44	48	51	50	61	35	32	38	28	43	32	30	26	42	30	26	36	777	other vehicles
219	other powered crane			82		64		69	81	61	49	53	40	50	46	47	51	29	34	36	51	46	56	34	979	other powered crane
142	excavating machine			48		34		65	48	49	35	39	43	16	35	34	31	22	20	35	25	31	27	33	670	excavating machine
321	chemical facilities			20		32		37	30	27	28	20	16	24	24	13	24	19	26	19	29	22	14	33	457	chemical facilities
141	leveling, transporting or loading machine			49		39		36	25	29	32	29	34	37	34	32	25	26	24	27	18	30	28	32	586	leveling, transporting or loading machine
351	transmission			28		20		28	29	37	28	29	14	20	30	25	16	35	27	32	31	34	34	32	529	transmission
167	industrial robot			22		40		32	33	48	30	24	23	26	27	24	25	21	24	25	20	20	20	25	509	industrial robot
363	human power machine			84		59		42	46	53	46	36	45	39	37	37	54	46	35	44	34	32	32	23	824	human power machine
135	chamfering machine, router, woodworking milling machine			92		87		53	42	57	54	34	27	35	30	32	33	27	25	22	34	22	22	23	751	chamfering machine, router, woodworking milling machine
136	chain saw			27		34		17	26	17	25	23	23	11	26	12	17	9	11	15	8	10	18	23	352	chain saw
999	unclassifiable			84		74		71	55	72	65	62	33	33	41	44	41	39	28	38	62	36	16	22	916	unclassifiable
711	natural ground, rock			33		34		32	40	34	31	17	29	22	26	22	17	24	24	17	35	22	25	19	503	natural ground, rock
359	other electrical equipment			42		31		39	26	20	36	18	27	39	23	20	27	18	22	20	22	20	18	17	485	other electrical equipment
312	pressure vessel			45		31		30	29	24	28	27	16	19	31	17	12	20	15	24	12	20	17	17	434	pressure vessel
149	other construction machines			31		28		26	31	16	27	18	13	17	21	19	23	13	18	9	15	11	12	17	365	other construction machines
319	other pressure vessels			33		26		26	20	26	24	21	15	10	22	12	16	6	14	14	21	9	9	16	340	other pressure vessels
713	water			27		39		34	47	33	34	21	19	374	31	34	32	18	30	26	30	31	41	15	916	water

331	gas welding equipment			59		45		52	38	52	45	55	27	39	42	34	30	31	31	37	34	30	26	15	722	gas welding equipment
352	electric power facilities			26		29		20	16	23	33	18	29	16	18	12	12	18	12	10	18	8	12	15	345	electric power facilities
342	industrial dryer			24		18		25	17	14	22	24	18	22	15	20	25	12	11	21	13	21	20	14	356	industrial dryer
225	loader			19		16		11	13	14	11	10	13	10	12	7	14	10	7	15	9	16	9	14	230	loader
513	inflammable gas			34		30		26	27	34	31	12	18	27	23	18	29	14	14	20	23	19	14	12	425	inflammable gas
111	engine			34		26		16	16	20	15	20	14	12	19	10	8	13	6	17	18	13	7	11	295	engine
161	centrifugal machine			18		13		11	18	15	18	12	11	13	10	14	14	14	11	9	12	15	12	11	251	centrifugal machine
712	standing tree			26		27		16	23	15	17	20	22	18	18	17	22	10	11	20	22	21	16	10	351	standing tree
155	forging pressure hammer			25		15		25	19	17	26	15	18	12	10	12	11	11	11	11	10	12	8	9	277	forging pressure hammer
511	explosive substance			29		37		28	11	10	10	11	8	9	8	15	15	7	6	8	7	4	4	9	236	explosive substance
412	timbering			14		14		13	6	10	13	8	5	10	11	7	9	8	5	2	5	6	11	9	166	timbering
145	demolition machine			6		1		5	9	7	3	2	5		3		5	4	12	8	8	5	7	7	97	demolition machine
134	hollow chisel mortiser, wood borer			66		41		33	29	44	32	23	21	23	22	33	21	24	23	19	21	13	16	6	510	hollow chisel mortiser, wood borer
146	vehicle for high lift work			13		9		12	14	14	14	10	13	7	14	11	5	9	9	13	6	14	16	6	209	vehicle for high lift work
232	railway vehicle			4		6		9	4	2	5	1	3	2	6	4	3	5	4	4	1	6	3	6	78	railway vehicle
223	railway equipment			17		11		14	21	15	24	14	6	11	13	12	13	7	7	6	6	16	8	5	226	railway equipment
349	other kiln, caldron			16		18		6	15	15	7	13	8	7	6	9	7	10	19	8	15	8	12	5	204	other kiln, caldron
311	boiler			12		10		17	17	23	9	13	10	7	7	8	8	4	4	8	7	7	5	5	181	boiler
714	abnormal environment			8		7		4	12	13	9	12	6	7	8	13	6	2	3	8	13	5	14	4	154	abnormal environment
143	foundation work machine			2		5		6	3	2	3	3	1	2	2	2	1	4	2	2	4	2	2	2	50	foundation work machine
144	hardening machine			5		2		2	3	3	1	1	3	2	1	1	1	2	1	2	1	1	2	2	36	hardening machine

215	cargo lifting appliance			4				3		3		1	1	2			1		2		3	1	3	2	26	cargo lifting appliance
171	felling machine																	3	5	1		5	2	2	18	felling machine
515	radiation					1					1								1					2	5	radiation
227	rough terrain hauler			6		7		6	3	1	4	7	1	3	2		1	1	4	1	4	1		1	53	rough terrain hauler
226	straddle carrier					1			1				1	1	1	1	1	1						1	9	straddle carrier
172	mobile logging machine																	2		1	1	1		1	6	mobile logging machine
216	gondola			1		2			1	1	4		3		1	2	2	1	1						19	gondola
217	lumberyard equipment, logging cableway			2				1	2		2	2	1					1		2			1		14	lumberyard equipment, logging cableway
213	derrick crane			2		2							2	1											7	derrick crane
179	other mobile silviculture machine																	1		1	1		1		4	other mobile silviculture machine
173	skyline yarding machine																									skyline yarding machine
218	simple skyline yarding equipment																									simple skyline yarding equipment
	total			42,068		38,145		36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	581,081	total

Transition of fatal and non-fatal accidents in type of accidents in code no. 01 manufacturing (1999-2021)

code	Type of accidents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Type of accidents
07	caught in/between	14,529	14,399	13,429	12,432	12,301	12,017	11,383	11,110	10,716	10,011	8,007	8,228	8,290	8,077	7,626	7,668	7,214	7,017	7,159	7,044	6,959	6,209	6,501	218,326	caught in/between
02	falling to same level	5,141	4,991	5,333	4,824	5,133	4,973	5,165	5,356	5,175	5,265	4,614	4,627	4,758	4,869	4,755	4,884	4,681	4,977	5,088	5,637	5,070	5,094	5,332	115,742	falling to same level
01	fall from height	4,104	4,138	4,193	3,856	3,778	3,755	3,706	3,791	3,677	3,540	3,085	2,876	2,833	2,926	2,727	2,840	2,811	2,882	2,842	3,031	2,975	2,943	2,944	76,253	fall from height
19	reaction to motion/improper	2,736	2,654	2,622	2,419	2,442	2,349	2,592	2,773	2,921	2,820	2,119	2,385	2,333	2,313	2,191	2,241	2,281	2,248	2,433	2,581	2,646	2,595	2,929	57,623	reaction to motion/improper

	motion																									motion
08	cut	5,759	5,705	5,356	4,869	4,808	4,575	4,247	4,016	4,073	3,891	3,217	3,213	3,209	3,098	2,972	2,920	2,716	2,601	2,523	2,534	2,571	2,320	2,319	83,512	cut
90	others	177	183	146	119	146	170	147	136	211	119	98	99	218	101	104	116	118	112	103	146	129	470	2,305	5,673	others
04	struck by flying or falling object	4,334	4,211	4,004	3,457	3,363	3,476	3,328	3,294	3,141	3,034	2,310	2,290	2,325	2,378	2,168	2,186	2,031	2,122	2,039	2,023	1,801	1,730	1,811	62,856	struck by flying or falling object
03	crash	1,746	1,832	1,679	1,453	1,488	1,524	1,533	1,493	1,606	1,427	1,187	1,186	1,195	1,087	1,111	1,150	1,173	1,159	1,171	1,303	1,312	1,237	1,333	31,385	crash
06	crashed by	2,046	1,842	1,859	1,710	1,549	1,594	1,604	1,589	1,638	1,569	1,092	1,181	1,098	1,095	1,033	1,165	1,135	1,085	1,129	1,174	1,203	1,040	1,160	31,590	crashed by
11	contact to high/low-temperature	1,134	1,195	1,152	1,061	1,056	1,083	982	1,034	972	1,013	834	947	880	872	954	896	794	866	908	983	911	885	813	22,225	contact to high/low-temperature
05	collapse	1,064	1,148	1,078	939	965	960	931	984	971	863	669	708	657	687	650	633	659	646	563	623	595	508	512	18,013	collapse
17	traffic accident (public road)	607	631	578	559	521	515	479	470	469	401	358	461	375	352	364	313	326	323	299	323	306	245	265	9,540	traffic accident (public road)
12	contact to harmful substance	236	251	267	301	282	300	283	323	301	238	199	234	227	209	208	217	232	208	227	232	216	241	222	5,654	contact to harmful substance
13	electric shock	59	63	72	51	43	56	49	39	42	42	30	40	37	38	39	29	34	38	28	39	27	24	30	949	electric shock
09	injury to the sole of the foot	72	61	73	75	35	44	55	63	57	38	31	33	40	40	34	41	51	51	42	43	31	32	29	1,071	injury to the sole of the foot
14	explosion	87	88	58	58	90	64	59	46	77	59	38	40	37	54	35	57	19	30	33	25	38	30	27	1,149	explosion
16	fire	53	49	55	43	46	54	54	63	45	48	50	42	29	35	44	39	43	37	17	32	31	35	27	971	fire
99	unclassifiable	51	47	55	46	43	35	49	38	52	38	35	20	20	25	36	31	32	21	34	30	29	15	21	803	unclassifiable
15	burst	42	31	34	37	37	26	28	33	31	38	15	16	22	27	13	17	24	19	18	16	14	14	16	568	burst
18	traffic accident (others)	19	24	19	9	12	16	13	15	16	8	5	11	7	7	10	7	14	6	14	20	8	3	6	269	traffic accident (others)
10	drown	2	10	6	5	7	7	7	4	5	2	2	6	282	1	3	2	3	6	4	3	1	5	3	376	drown
	total	43,998	43,553	42,068	38,323	38,145	37,593	36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	744,548	total

Transition of fatal and non-fatal accidents in workers ages in code no. 01 manufacturing (1999-2021)

code	Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
5	50-59	13,347	13,202	12,808	11,363	10,966	10,737	10,479	10,157	9,757	8,903	7,087	6,788	6,713	6,318	5,913	5,958	5,660	5,852	6,055	6,323	6,020	6,054	6,849	193,309	50-59
6	60 years old or more	5,706	5,608	5,525	5,188	5,356	5,296	5,414	5,380	5,687	5,973	5,093	5,245	5,312	5,272	5,252	5,317	5,467	5,516	5,591	6,096	6,007	5,827	6,153	127,281	60 years old or more
4	40-49	9,046	8,386	7,794	7,102	6,974	6,747	6,423	6,550	6,568	6,398	5,300	5,634	5,991	6,039	5,965	6,242	5,870	6,088	6,012	6,328	6,003	5,605	6,146	149,211	40-49
3	30-39	6,658	7,013	6,931	6,801	6,990	7,168	7,036	7,465	7,365	6,869	5,666	5,930	5,713	5,677	5,241	5,068	4,865	4,639	4,540	4,695	4,429	4,129	4,639	135,527	30-39
2	20-29	7,883	8,003	7,773	6,778	6,745	6,619	6,332	6,240	5,947	5,590	4,261	4,452	4,519	4,344	4,059	4,225	3,944	3,814	3,946	3,880	3,891	3,583	4,353	121,181	20-29
1	19 years old or less	1,358	1,341	1,237	1,091	1,114	1,026	1,010	878	872	731	588	594	624	641	647	642	585	545	530	520	523	477	465	18,039	19 years old or less
	total	43,998	43,553	42,068	38,323	38,145	37,593	36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	744,548	total

Transition of fatal and non-fatal accidents in workers scales in code no. 01 manufacturing (1999-2021)

code	Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Workers scale
2	10-29	13,095	12,791	12,633	11,311	11,034	10,866	10,619	10,200	9,724	9,250	7,615	7,516	7,461	7,516	7,114	7,209	6,853	6,610	6,604	6,745	6,498	6,196	6,638	202,098	10-29
5	100-299	5,056	4,896	4,680	4,483	4,511	4,495	4,691	4,920	5,328	5,402	4,352	4,639	4,563	4,510	4,421	4,500	4,543	4,691	4,773	5,148	4,974	4,821	5,837	110,234	100-299
4	50-99	5,463	5,486	5,251	4,789	4,785	4,838	4,655	4,874	4,895	4,697	3,756	4,114	4,199	4,110	3,943	3,991	3,842	4,027	4,106	4,325	4,294	4,162	4,503	103,105	50-99
3	30-49	6,252	6,265	5,845	5,330	5,316	5,217	5,208	5,326	5,282	5,065	3,968	4,059	4,167	4,117	4,017	4,053	3,956	3,952	3,988	4,169	4,023	3,812	4,094	107,481	30-49
1	9 workers or less	11,796	11,748	11,325	10,331	10,349	9,994	9,163	8,863	8,058	7,236	6,163	5,906	5,920	5,539	5,197	5,112	4,800	4,582	4,450	4,542	4,155	3,832	3,840	162,901	9 workers or less
6	300 workers or more	2,336	2,367	2,334	2,079	2,150	2,183	2,358	2,487	2,909	2,814	2,141	2,409	2,562	2,499	2,385	2,587	2,397	2,592	2,753	2,913	2,929	2,852	3,693	58,729	300 workers or more
	total	43,998	43,553	42,068	38,323	38,145	37,593	36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	744,548	total

Transition of fatal and non-fatal accidents in months in code no. 01 manufacturing (1999-2021)

code	Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
8	August	3,611	3,647	3,355	3,078	3,119	3,011	3,197	3,118	3,133	2,667	2,236	2,410	2,397	2,430	2,209	2,195	2,074	2,206	2,265	2,277	2,199	2,133	2,826	61,793	August
9	September	3,916	3,755	3,370	3,269	3,323	3,275	3,133	3,080	2,918	2,905	2,348	2,505	2,507	2,280	2,239	2,383	2,166	2,240	2,200	2,183	2,291	2,097	2,508	62,891	September
1	January	3,466	3,314	3,547	3,035	3,134	3,100	2,945	3,074	2,900	2,900	2,591	2,343	2,424	2,402	2,237	2,290	2,252	2,341	2,209	2,509	2,251	2,216	2,456	61,936	January
7	July	3,940	3,754	3,758	3,600	3,386	3,421	3,236	3,145	3,259	3,178	2,462	2,586	2,449	2,451	2,505	2,438	2,463	2,249	2,326	2,607	2,572	2,216	2,422	66,423	July

3	March	3,849	3,842	3,869	3,254	3,264	3,414	3,314	3,146	3,182	2,982	2,398	2,451	2,813	2,477	2,256	2,266	2,317	2,246	2,353	2,355	2,242	2,134	2,416	64,840	March
4	April	3,535	3,382	3,508	3,215	3,118	3,111	2,920	2,968	2,974	2,898	2,378	2,283	2,201	2,257	2,193	2,182	2,124	2,209	2,071	2,098	2,102	2,054	2,409	60,190	April
6	June	3,832	3,730	3,664	3,053	3,341	3,372	3,227	3,084	3,097	2,885	2,290	2,549	2,525	2,412	2,158	2,297	2,374	2,246	2,315	2,390	2,266	2,239	2,393	63,739	June
5	May	3,557	3,529	3,543	3,288	3,201	2,903	2,865	2,982	3,080	2,850	2,154	2,204	2,193	2,284	2,218	2,273	2,090	2,046	2,123	2,229	2,154	1,839	2,276	59,881	May
10	October	3,659	3,823	3,620	3,514	3,358	3,323	3,076	3,149	3,167	2,986	2,406	2,431	2,418	2,284	2,462	2,380	2,302	2,206	2,310	2,479	2,299	2,297	2,269	64,218	October
2	February	3,777	3,878	3,508	2,981	3,121	2,883	3,029	3,118	2,938	3,171	2,269	2,321	2,250	2,647	2,163	2,457	2,104	2,269	2,212	2,340	2,234	2,194	2,230	62,094	February
11	November	3,498	3,511	3,241	3,219	2,921	2,950	2,961	3,017	2,849	2,619	2,254	2,383	2,376	2,235	2,335	2,145	2,114	2,197	2,179	2,286	2,194	2,011	2,218	59,713	November
12	December	3,358	3,388	3,085	2,817	2,859	2,830	2,791	2,789	2,699	2,423	2,209	2,177	2,319	2,132	2,102	2,146	2,011	1,999	2,111	2,089	2,069	2,245	2,182	56,830	December
	total	43,998	43,553	42,068	38,323	38,145	37,593	36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	744,548	total

Transition of fatal and non-fatal accidents in prefectures in code no. 01 manufacturing (1999-2021)

code	Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
23	Aichi	3,372	3,313	3,216		2,903		2,791	2,743	2,705	2,429	1,974	2,119	2,120	2,060	2,037	2,027	1,902	1,904	1,938	1,986	1,895	1,889	2,021	49,344	Aichi
27	Osaka	3,582	3,645	3,516		3,069		2,834	2,985	2,828	2,588	2,168	2,206	2,132	2,076	1,900	1,915	1,857	1,798	1,854	1,885	1,779	1,591	1,844	50,052	Osaka
11	Saitama	1,950	1,961	1,987		2,004		1,946	1,891	1,942	1,862	1,525	1,526	1,406	1,486	1,383	1,504	1,401	1,407	1,396	1,427	1,464	1,366	1,620	34,454	Saitama
22	Shizuoka	2,252	2,240	2,106		1,942		1,810	1,857	1,919	1,769	1,321	1,387	1,413	1,399	1,227	1,342	1,391	1,310	1,327	1,434	1,429	1,267	1,383	33,525	Shizuoka
1	Hokkaido	1,955	2,088	1,988		1,739		1,648	1,624	1,634	1,464	1,309	1,284	1,238	1,188	1,231	1,160	1,187	1,227	1,202	1,202	1,104	1,144	1,217	29,833	Hokkaido
28	Hyogo	1,927	2,005	1,837		1,798		1,672	1,660	1,620	1,590	1,300	1,322	1,339	1,271	1,176	1,162	1,169	1,132	1,159	1,209	1,182	1,119	1,189	29,838	Hyogo
14	Kanagawa	1,727	1,710	1,595		1,468		1,523	1,494	1,373	1,367	1,103	1,169	1,122	1,126	1,035	1,076	1,005	1,012	1,022	1,044	1,061	924	1,109	26,065	Kanagawa
12	Chiba	1,399	1,372	1,331		1,163		1,102	1,205	1,196	1,165	1,097	1,077	985	1,043	976	971	1,006	969	904	1,012	905	910	1,074	22,862	Chiba
40	Fukuoka	1,532	1,579	1,501		1,388		1,326	1,242	1,330	1,274	1,095	1,011	1,057	971	1,016	963	968	959	947	1,028	962	946	980	24,075	Fukuoka
34	Hiroshima	1,375	1,372	1,358		1,217		1,256	1,183	1,142	1,120	837	861	863	908	822	859	769	845	875	893	882	776	908	21,121	Hiroshima
8	Ibaraki	1,099	1,157	1,145		987		961	958	983	972	784	823	847	873	790	838	813	782	850	894	884	833	888	19,161	Ibaraki
21	Gifu	1,249	1,223	1,139		1,026		964	1,021	1,017	926	691	730	716	718	716	701	696	707	673	766	703	700	823	17,905	Gifu
15	Niigata	1,104	1,052	1,070		934		856	943	881	840	663	750	748	706	705	721	676	679	764	723	706	700	810	17,031	Niigata
10	Gunma	1,188	1,133	1,080		989		955	972	949	865	713	730	760	751	727	800	709	772	697	792	729	731	784	17,826	Gunma
24	Mie	1,029	1,037	1,017		900		865	848	935	858	633	703	666	642	618	651	649	590	603	588	653	486	774	15,745	Mie
13	Tokyo	1,652	1,527	1,480		1,350		1,240	1,177	1,105	1,119	897	865	847	810	750	726	696	696	639	735	712	621	674	20,318	Tokyo

33	Okayama	770	739	772		720		710	711	757	686	515	543	578	576	544	577	483	488	583	585	572	693	621	13,223	Okayama
9	Tochigi	798	751	723		707		678	627	603	623	506	498	534	603	537	544	546	569	524	551	548	503	603	12,576	Tochigi
20	Nagano	746	730	703		628		616	676	601	606	461	502	559	522	551	532	549	518	551	558	550	514	574	12,247	Nagano
4	Miyagi	718	689	643		606		614	626	571	607	457	474	661	460	471	452	421	474	473	502	465	464	543	11,391	Miyagi
7	Fukushima	698	720	689		585		603	609	604	562	433	461	498	477	481	452	426	451	420	448	454	414	534	11,019	Fukushima
25	Shiga	530	551	515		591		538	544	535	539	369	388	392	391	462	451	420	414	406	438	397	366	516	9,753	Shiga
26	Kyoto	755	686	735		611		604	613	628	564	502	481	524	477	480	423	466	435	483	458	448	449	471	11,293	Kyoto
43	Kumamoto	596	555	530		513		486	473	524	428	389	369	374	339	369	350	371	358	365	385	393	368	412	8,947	Kumamoto
38	Ehime	776	755	784		683		670	588	607	641	470	493	502	454	434	481	416	441	429	396	412	445	385	11,262	Ehime
46	Kagoshima	545	521	519		434		458	453	390	384	372	347	371	357	356	351	321	382	377	370	385	378	384	8,455	Kagoshima
29	Nara	445	450	473		425		471	397	419	405	355	347	311	333	311	341	321	302	309	331	340	269	365	7,720	Nara
37	Kagawa	621	585	547		514		536	468	497	463	402	383	379	369	345	385	331	314	316	368	352	319	354	8,848	Kagawa
45	Miyazaki	476	419	440		388		368	356	365	343	324	353	324	333	299	268	286	303	276	277	280	302	349	7,129	Miyazaki
16	Toyama	597	571	525		490		452	480	463	424	356	362	368	366	328	359	297	347	332	336	299	309	337	8,398	Toyama
3	Iwate	496	498	508		398		399	376	355	356	280	321	352	308	279	320	298	281	273	298	266	275	324	7,261	Iwate
6	Yamagata	451	428	453		388		364	398	376	355	256	281	308	331	333	299	299	310	282	323	297	287	314	7,133	Yamagata
42	Nagasaki	529	473	463		399		388	429	375	358	348	371	363	356	317	364	323	343	328	327	353	344	309	7,860	Nagasaki
41	Saga	343	349	302		298		301	321	327	352	224	253	293	279	289	243	239	291	314	325	302	318	293	6,256	Saga
35	Yamaguchi	575	544	502		512		458	455	449	429	340	318	303	331	308	301	316	291	290	282	329	328	288	7,949	Yamaguchi
30	Wakayama	486	478	438		429		387	387	401	380	296	308	332	301	295	277	276	241	276	265	226	269	284	7,032	Wakayama
17	Ishikawa	386	406	425		359		396	397	374	400	259	266	307	295	285	299	274	249	319	302	265	256	283	6,802	Ishikawa
2	Aomori	362	312	313		296		267	268	280	262	211	224	251	259	217	254	214	219	243	244	209	231	243	5,379	Aomori
44	Oita	470	471	443		411		340	405	367	371	313	295	265	279	240	258	258	247	244	276	234	245	235	6,667	Oita
5	Akita	357	381	298		241		233	257	256	251	215	200	209	225	208	203	183	193	201	247	219	191	218	4,986	Akita
36	Tokushima	430	394	349		294		320	262	259	239	217	204	207	197	217	176	199	182	206	191	185	170	214	5,112	Tokushima
19	Yamanashi	250	257	246		223		218	249	215	236	171	170	213	190	217	229	167	182	190	210	210	161	206	4,410	Yamanashi
47	Okinawa	177	174	177		159		156	137	152	143	145	151	150	171	170	160	124	167	159	153	168	171	203	3,367	Okinawa
18	Fukui	367	352	357		231		278	288	272	255	227	206	236	252	223	230	217	250	211	306	229	195	199	5,381	Fukui

39	Kochi	392	403	384		360		289	264	264	261	219	229	198	186	163	185	202	193	188	180	187	177	161	5,085	Kochi
32	Shimane	293	285	269		228		218	216	203	201	144	167	147	144	141	158	153	136	161	183	134	142	144	3,867	Shimane
31	Tottori	171	212	177		147		129	137	148	132	109	115	104	102	98	114	101	94	95	109	115	119	141	2,669	Tottori
	total	43,998	43,553	42,068		38,145		36,694	36,670	36,196	34,464	27,995	28,643	28,872	28,291	27,077	27,452	26,391	26,454	26,674	27,842	26,873	25,675	28,605	668,632	total

Data source : https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm

Return to https://www.jisha.or.jp/english/statistics/202211_23.html