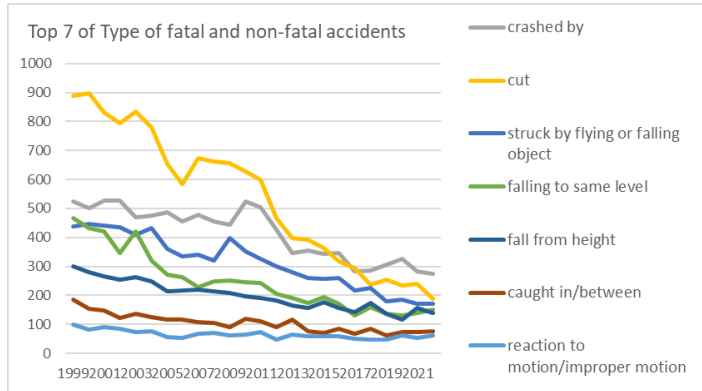
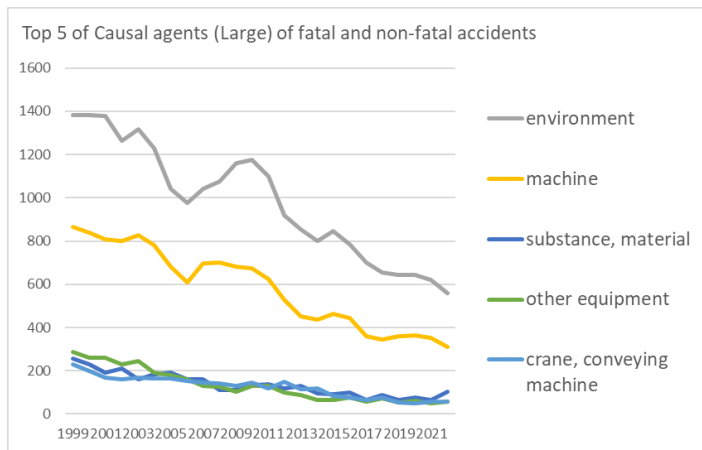


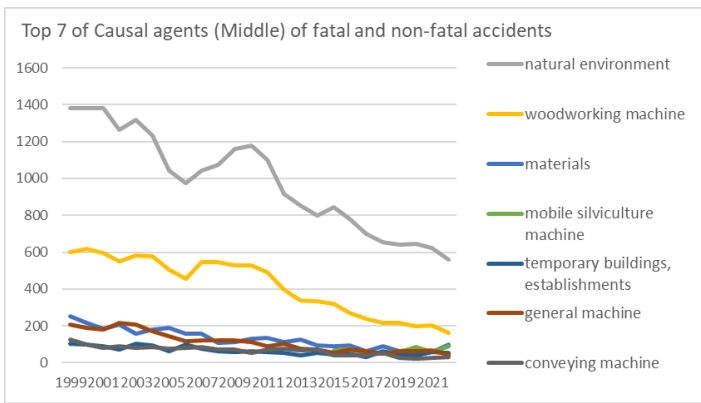
Transition of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



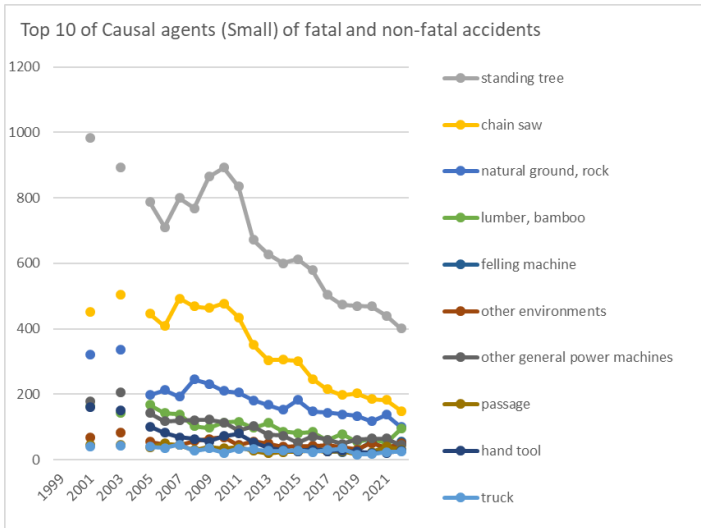
Transition of Top 7 of Type of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



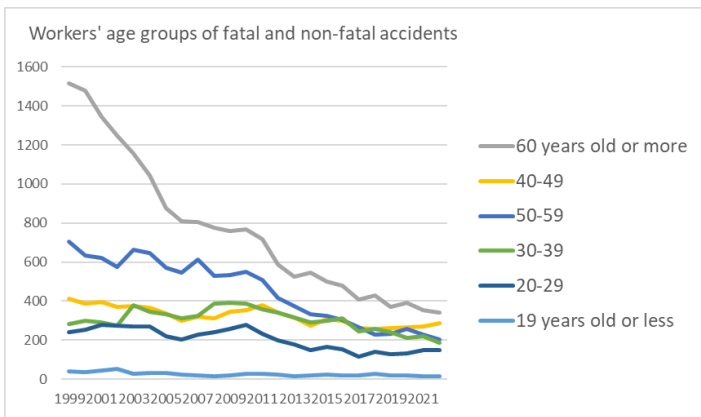
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



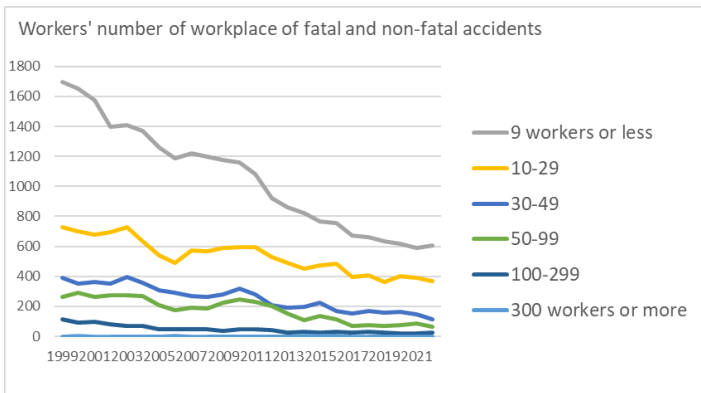
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



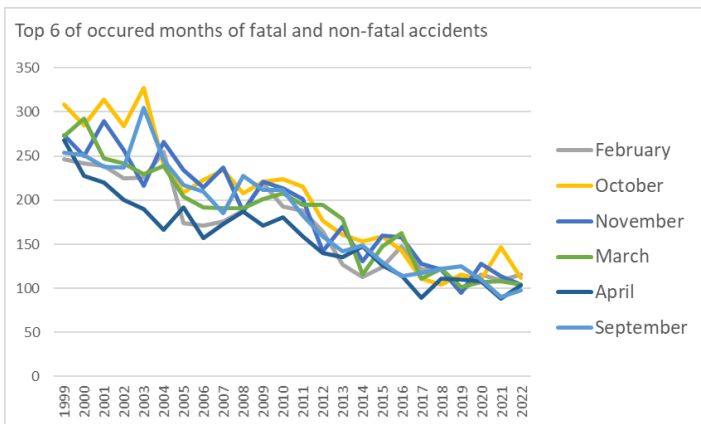
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



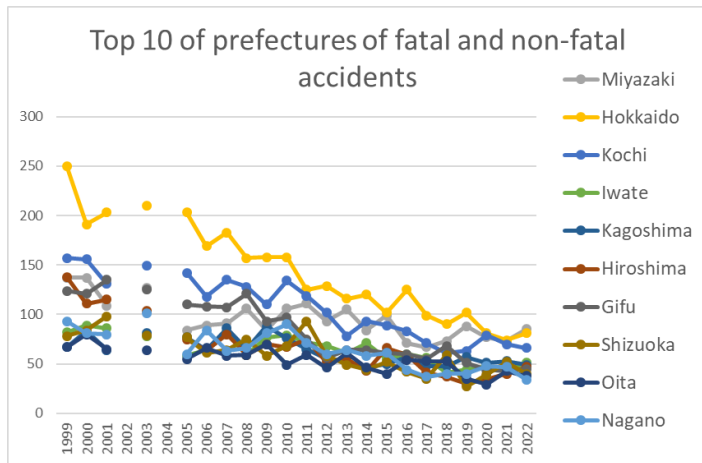
Transition of workers' age groups of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)

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	2022	total	Type of accidents
crashed by	525	501	528	528	470	476	487	456	477	456	443	525	505	426	345	356	344	347	282	287	305	326	284	274	9,953	crashed by
cut	888	898	831	795	835	779	652	585	672	663	656	626	598	468	399	393	364	316	295	237	254	233	239	189	12,865	cut
struck by flying or falling object	437	447	441	434	410	432	361	334	340	319	398	351	327	301	279	259	256	259	217	224	178	185	170	172	7,531	struck by flying or falling object
falling to same level	467	433	420	347	421	321	271	264	228	248	250	245	242	205	190	173	193	172	132	160	136	132	139	151	5,940	falling to same level
fall from height	301	281	267	255	264	247	213	216	219	214	209	197	190	182	166	156	176	157	142	174	135	115	156	138	4,770	fall from height
caught in/between	185	155	147	122	135	126	115	116	107	105	89	120	110	89	115	77	69	84	67	85	62	72	73	75	2,500	caught in/between
reaction to motion/improper motion	98	82	89	86	72	77	57	52	68	69	62	65	72	48	65	59	58	59	50	48	48	63	54	61	1,562	reaction to motion/improper motion
collapse	112	95	93	105	110	103	85	71	84	81	93	107	72	64	61	55	73	76	49	45	40	39	34	39	1,786	collapse
crash	84	78	70	64	64	52	62	53	50	45	37	40	43	38	45	35	28	31	41	39	34	40	30	32	1,135	crash

others	39	62	48	32	43	36	24	19	22	28	42	34	31	26	33	24	19	16	14	27	17	32	16	22	706	others	
contact to high/low-temperature	7	10	8	5	9	7	4	5	6	13	5	10	10	12	9	12	13	18	9	7	9	9	8	9	214	contact to high/low-temperature	
traffic accident (public road)	32	17	13	17	25	23	16	16	17	5	11	29	17	28	8	9	14	10	9	7	16	16	18	6	379	traffic accident (public road)	
contact to harmful substance		7	3		2	2	6		1	1	1	1	2		1	1	4	3	1	2	1	5	3	5	52	contact to harmful substance	
injury to the sole of the foot	8	8	4	4	7	11	5	1	6	4	6	10	2	6	6	1	5	7	4		11	6	7	2	131	injury to the sole of the foot	
fire	2	1	1	1		1	2		1		3	1			1		1	1	1			1		1	19	fire	
unclassifiable	3	6	10	4	6	3	2	1	2	3	1	2	2	1		1	2	2			1	1	2		55	unclassifiable	
electric shock	1		1		1		2	1		1								3			1				11	electric shock	
traffic accident (others)	1	1								2				3											7	traffic accident (others)	
drown							1						1						1				1		4	drown	
explosion	1	1																						1	3	explosion	
burst																											burst
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275	1,235	1,176	49,623	total	

Transition of Causal agents (Large) of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)

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	2022	total	Causal (L) agents
environment	1,381	1,383	1,380	1,264	1,319	1,231	1,043	976	1,043	1,074	1,162	1,176	1,099	917	853	800	845	783	699	656	642	644	622	558	23,550	environment
machine	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	machine

substance, material	256	230	190	209	162	183	191	159	162	111	112	135	138	117	128	97	91	98	66	88	65	77	64	103	3,232	substance, material
other equipment	287	262	262	229	244	190	179	162	131	125	104	130	131	101	89	65	63	75	57	73	54	60	50	58	3,181	other equipment
crane, conveying machine	229	199	168	162	167	166	166	153	145	141	131	147	119	148	113	119	83	78	63	78	55	50	58	58	2,996	crane, conveying machine
temporary buildings, establishments	104	101	91	73	102	94	62	98	77	65	60	64	59	52	40	56	44	49	33	63	40	42	60	55	1,584	temporary buildings, establishments
others	58	62	66	50	45	47	34	26	42	34	51	32	48	24	37	32	27	28	30	30	26	35	28	30	922	others
load	11	8	9	12	8	4	7	6	3	7	3	7	5	8	10	6	4	5	5	11	5	3	2	3	152	load
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275	1,235	1,176	49,623	total

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)

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	2022	total	Causal (M) agents
natural environment	1,381	1,383	1,380	1,264	1,319	1,231	1,043	976	1,043	1,074	1,162	1,176	1,099	917	853	800	845	783	699	656	642	644	622	558	23,550	natural environment
woodworking machine	601	620	597	551	581	577	507	456	547	544	528	530	493	395	339	335	322	269	240	217	218	200	205	164	10,036	woodworking machine
materials	253	218	187	208	158	182	188	159	160	109	111	132	136	115	128	96	90	96	65	88	64	76	60	100	3,179	materials
mobile silviculture machine																	69	76	49	57	60	86	59	90	546	mobile silviculture machine
temporary buildings, establishments	104	101	91	73	102	94	62	98	77	65	60	64	59	52	40	56	44	49	33	63	40	42	60	55	1,584	temporary buildings, establishments

																											establishments
general machine	206	191	179	215	206	171	143	118	120	121	122	114	90	102	77	74	52	72	61	50	61	65	66	45	2,721	general machine	
conveying machine	127	97	82	90	81	85	76	80	87	71	72	56	73	78	67	74	42	41	40	52	28	21	27	32	1,579	conveying machine	
human power machine, tools	196	179	164	137	152	116	104	84	74	65	59	77	84	53	38	30	29	35	29	31	24	22	28	30	1,840	human power machine, tools	
tools	86	77	90	89	90	72	73	75	51	55	42	50	45	45	48	32	31	32	28	37	28	35	21	27	1,259	tools	
no causal agent	34	29	29	31	16	23	24	20	24	23	31	21	28	16	19	16	15	18	21	20	22	24	22	22	548	no causal agent	
crane	88	85	76	55	62	58	75	58	43	56	45	59	35	42	35	39	28	27	19	19	12	15	18	17	1,066	crane	
construction machine	44	21	28	31	36	33	32	34	25	31	31	25	39	32	35	26	18	24	11	17	22	11	20	12	638	construction machine	
vehicle	14	17	10	17	24	23	15	15	15	14	14	32	11	28	11	6	13	10	4	7	15	14	13	9	351	vehicle	
other causal agent	20	25	23	14	21	14	6	4	17	10	17	9	16	8	17	14	10	7	9	10	4	11	4	8	298	other causal agent	
load	11	8	9	12	8	4	7	6	3	7	3	7	5	8	10	6	4	5	5	11	5	3	2	3	152	load	
hazards, harmful substances	3	12	3	1	4	1	3		2	2	1	3	2	2		1	1	2	1		1	1	4	3	53	hazards, harmful substances	
other equipments, facilities	4	6	8	3	1	2	1	2	6	4	3	2	2	3	3	3	2	4		5	2	2	1	1	70	other equipments, facilities	
unclassifiable	4	8	14	5	8	10	4	2	1	1	3	2	4		1	2	2	3					2		76	unclassifiable	
metal manufacturing machine	11	4	3	3	3		1	2	4	2	1	3	1	1		1				2		1	1		44	metal manufacturing machine	











human power cranes					1		1	1	1		2		2			1	1	1	1	3		1	3		19	human power cranes
power transmission mechanism			1		1				1	1	1		1				4					1			12	power transmission mechanism
hollow chisel mortiser, wood borer			4				2		1		2	1													12	hollow chisel mortiser, wood borer
machine/equipment as load			1		1		1		1	1		2	1	1				1	1						12	machine/equipment as load
wood planer machine					1		2	3			1								1					2	10	wood planer machine
band sawing machine			1		1					1	1						1					1	1		8	band sawing machine
human power hauling equipment											1	3	1						1					2	8	human power hauling equipment
harmful substance			3				1						1										1		7	harmful substance
chamfering machine, router, woodworking milling machine																									6	chamfering machine, router, woodworking milling machine
grinding machine, buffing machine							1						1										2	1	6	grinding machine, buffing machine
transmission					1		1	1		1							2								6	transmission
engine									1			1		1		1									4	engine
mixer, grinder					1			1									1							1	4	mixer, grinder
abnormal environment					1				1				1											1	4	abnormal environment





Age	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	Age
60 years old or more	1,514	1,478	1,344	1,250	1,157	1,042	876	809	803	776	759	769	718	586	523	544	500	478	408	429	372	390	355	342	18,222	60 years old or more
40-49	412	387	396	370	373	364	335	299	318	312	347	352	380	339	314	275	306	298	263	258	260	264	271	285	7,778	40-49
50-59	703	633	621	577	664	644	570	545	611	528	535	550	506	414	375	334	322	302	264	229	231	257	229	203	10,847	50-59
30-39	283	299	290	274	380	345	334	312	322	385	389	387	359	339	317	292	299	313	243	257	239	212	219	186	7,275	30-39
20-29	239	252	280	274	271	268	220	204	227	240	259	279	233	197	178	149	167	153	116	142	128	133	147	147	4,903	20-29
19 years old or less	40	34	43	54	29	33	30	21	19	16	17	26	28	22	16	17	25	17	20	27	18	19	14	13	598	19 years old or less
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275	1,235	1,176	49,623	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)

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	2022	total	Workers scale
9 workers or less	1,698	1,651	1,574	1,399	1,409	1,369	1,261	1,187	1,219	1,196	1,177	1,158	1,079	920	863	821	764	758	672	663	632	617	591	607	25,285	9 workers or less
10-29	725	699	680	692	725	632	542	491	573	566	590	595	593	528	490	451	472	486	395	404	361	399	391	366	12,846	10-29
30-49	389	350	361	354	395	358	306	291	267	265	280	317	277	206	190	199	223	170	152	170	160	166	147	116	6,109	30-49
50-99	264	293	264	275	275	269	208	174	193	184	225	245	230	201	154	109	133	115	68	77	71	72	85	61	4,245	50-99
100-299	115	89	95	79	70	68	48	46	48	46	34	48	45	42	26	30	26	31	27	28	24	21	21	26	1,133	100-299
300 workers or more		1						1								1	1	1							5	300 workers or more
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275	1,235	1,176	49,623	total

Transition of occurred months of fatal and non-fatal accidents in 0602 forestry in Japan (1999-2022)

Month	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	Month
February	246	242	239	225	226	255	174	171	176	188	219	193	188	165	127	113	124	148	121	122	96	116	109	116	4,099	February
October	308	285	314	284	327	240	209	223	234	208	221	224	215	177	161	153	159	143	111	104	116	110	147	112	4,785	October
November	274	250	290	257	216	266	234	214	237	187	221	213	201	142	170	131	160	158	128	121	95	128	114	104	4,511	November







Kanagawa	24	20	17		11		11	15	11	23	18	21	18	12	18	7	12	16	11	17	13	19	15	11	340	Kanagawa
Saga	21	15	15		22		13	18	18	24	24	23	16	11	17	17	16	14	11	11	11	12	11	9	349	Saga
Saitama	14	24	22		18		13	8	10	15	14	14	16	9	6	14	6	4	11	7	5	7	3	9	249	Saitama
Kagawa	27	24	23		30		19	16	22	12	11	14	29	12	6	15	19	13	7	13	11	9	4	7	343	Kagawa
Toyama	22	17	20		25		18	22	14	21	22	23	18	13	7	7	3	9	7	7	4	10	5	6	300	Toyama
Osaka	21	8	17		33		10	8	12	12	14	7	13	3	8	6	5	6	4	3	4	2	3	6	205	Osaka
Chiba	18	17	13		10		12	8	8	12	11	11	8	16	9	3	6	10	4	5	2	5	10	6	204	Chiba
Shiga	31	43	32		34		19	24	12	23	36	41	28	21	17	14	10	4	11	15	5	3	8	5	436	Shiga
Ibaraki	14	10	14		9		7	7	8	13	8	19	11	11	11	14	14	11	12	13	11	17	9	4	247	Ibaraki
Okinawa	7	2	6		4		7	2	6	4	4	8			1	4	3	2		1		2			63	Okinawa
total	3,191	3,083	2,974	2,799	2,874	2,696	2,365	2,190	2,300	2,257	2,306	2,363	2,224	1,897	1,723	1,611	1,619	1,561	1,314	1,342	1,248	1,275	1,235	1,176	49,623	total

Data Source : <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> MHLW, Jaan

Return to [https://www.jisha.or.jp/english/statistics/202312\\_05.html](https://www.jisha.or.jp/english/statistics/202312_05.html)