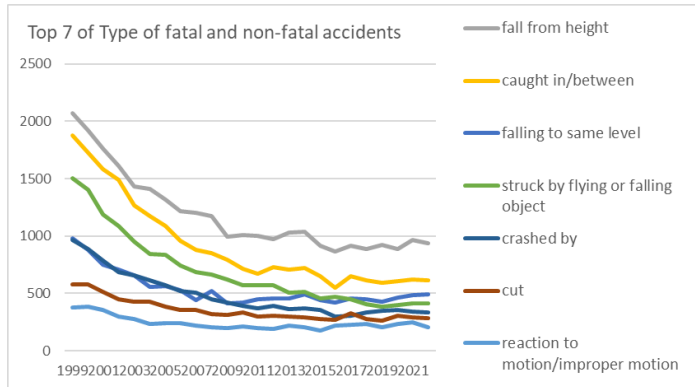
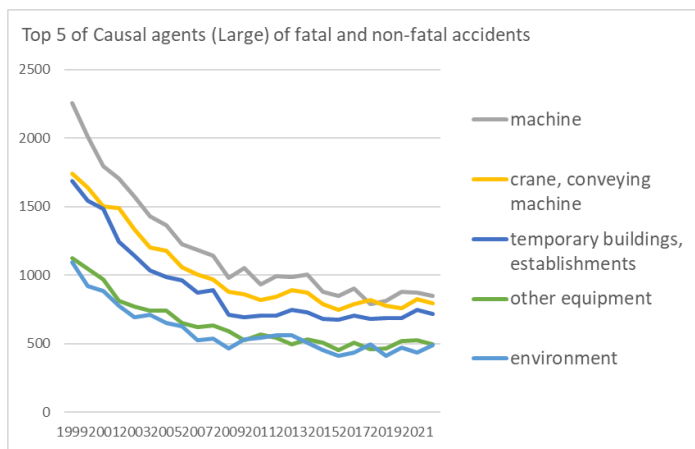


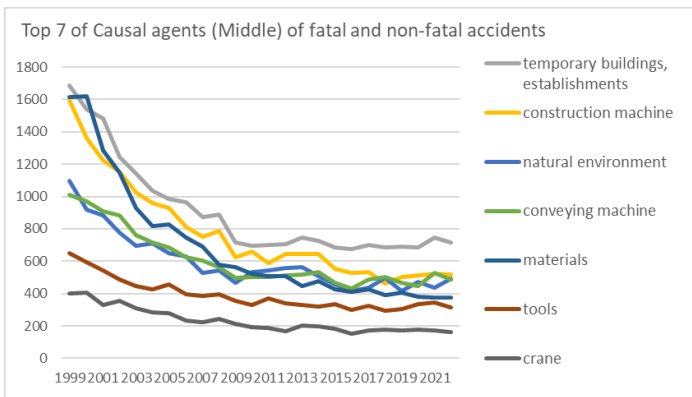
Transition of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



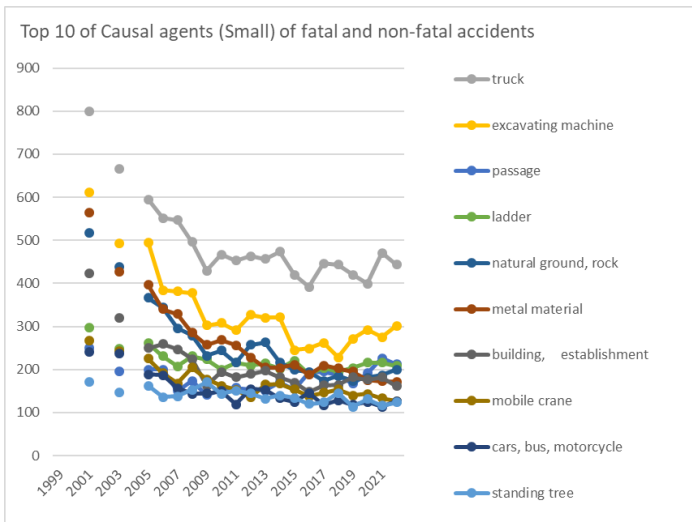
Transition of Top 7 of Type of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



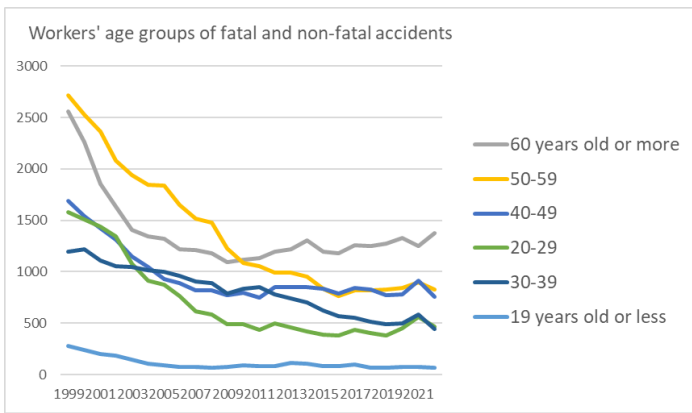
Transition of Top 5 of Causal agents (Large) of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



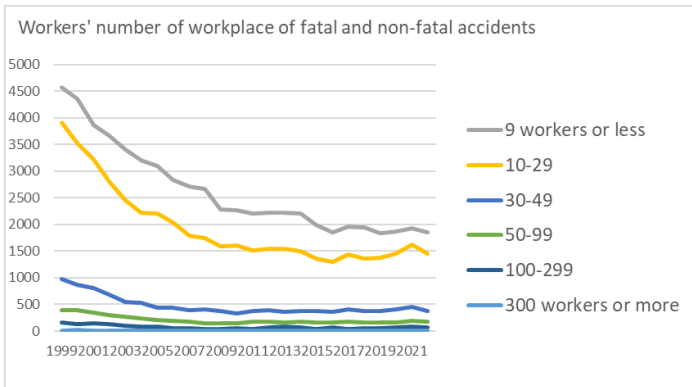
Transition of Top 7 of Causal agents (Middle) of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



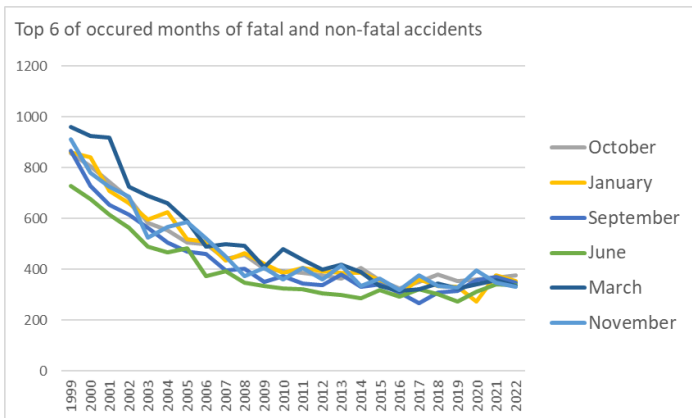
Transition of Top 10 of Causal agents (Small) of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



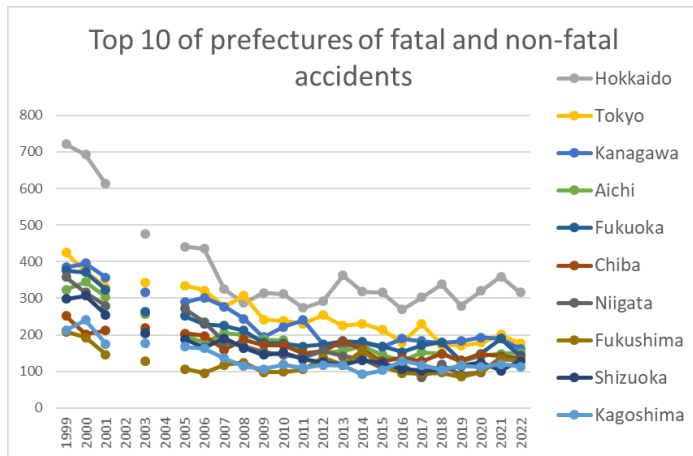
Transition of workers' age groups of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



Transition of workers' number of workplace of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



Transition of Top 6 of occurred months of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)



Transition of Top 10 of prefectures of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)

Transition of Type of fatal and non-fatal accidents in 0301 civil engineering work 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
fall from height	2,072	1,917	1,761	1,612	1,433	1,413	1,318	1,218	1,201	1,176	996	1,012	1,002	971	1,033	1,038	918	864	918	889	925	890	962	935	28,474	fall from height
caught in/between	1,880	1,729	1,583	1,488	1,266	1,176	1,090	957	879	852	791	717	669	727	710	722	651	546	647	615	590	608	622	612	22,127	caught in/between
falling to same level	981	881	748	705	658	555	566	529	438	519	412	419	446	459	457	490	441	422	453	445	430	460	482	490	12,886	falling to same level
struck by flying or falling object	1,504	1,403	1,191	1,091	949	842	833	745	687	665	619	571	568	568	509	511	459	467	450	406	386	400	412	413	16,649	struck by flying or falling object
crashed by	966	883	786	687	660	617	570	518	509	445	418	389	368	391	364	373	353	301	306	335	351	353	342	333	11,618	crashed by
cut	578	575	513	446	424	430	384	356	352	318	310	334	296	308	296	294	275	266	326	278	260	305	294	281	8,499	cut
reaction to motion/improper motion	380	381	355	295	279	234	241	241	221	202	197	212	196	191	222	202	173	216	223	231	207	234	245	205	5,783	reaction to motion/improper motion
traffic accident (public road)	417	335	356	324	323	257	275	243	229	188	174	192	172	224	223	181	175	217	188	178	169	166	171	182	5,559	traffic accident (public road)

crash	450	429	382	342	278	257	278	268	222	207	192	203	190	191	222	182	194	158	192	181	184	196	177	173	5,748	crash
collapse	526	476	437	391	336	318	305	284	252	273	207	192	182	194	185	192	190	159	158	163	138	153	162	152	6,025	collapse
contact to high/low-temperature	86	106	93	90	66	57	64	52	68	60	34	93	64	76	75	54	58	52	61	91	79	89	66	85	1,719	contact to high/low-temperature
others	40	46	39	26	27	45	43	62	32	33	31	19	64	33	21	27	29	34	36	24	25	60	277	40	1,113	others
contact to harmful substance	37	44	42	32	13	26	24	28	22	26	14	21	14	14	19	16	11	23	21	18	14	23	23	17	542	contact to harmful substance
injury to the sole of the foot	33	22	32	20	18	18	23	19	4	14	14	14	21	9	11	11	11	15	10	10	12	9	14	9	373	injury to the sole of the foot
fire	7	13	13	7	16	6	7	15	2	4	8		4	1	3	4	3	2	3	3	17	1	3	3	145	fire
traffic accident (others)	12	6	3	14	1	3	10	2	4	1	3	2	4	5	2	6	1	3	2	2	3	3	6	3	101	traffic accident (others)
electric shock	2	12	7	7	4	4	2	2	4	5	2	7	2	3	4	6	4	4	3	3	3	2	4	3	99	electric shock
drown	9	5	8	9	8	8	6	9	4	14	10	5	31	12	4	15	4	5	7	8	3	5	9	2	200	drown
unclassifiable	11	10	9	4	9	6	3	9	4	4	7	5	2	3	12	4	5	1	4	3	8	3	1	2	129	unclassifiable
explosion	10	11	9	4	2	6	5	4	2	8	3	5	2	9	1	1			3	2	1	2	1	2	93	explosion
burst	13	8	11	8	2	4	6	3	5	3	4	3	4	3	1	2	1	5	4	4	3	1	4		102	burst
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total

Transition of Causal agents (Large) of fatal and non-fatal accidents in 0301 civil engineering work 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
machine	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	machine
crane, conveying machine	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	796	24,589	crane, conveying machine

																											machine
temporary buildings, establishments	1,685	1,541	1,483	1,245	1,141	1,034	986	965	873	889	714	695	703	706	745	727	684	673	703	684	690	686	747	716	21,715	temporary buildings, establishments	
other equipment	1,126	1,047	967	812	774	741	741	651	621	635	590	527	568	544	494	534	507	452	506	458	467	521	528	496	15,307	other equipment	
environment	1,096	920	885	776	696	709	649	628	528	541	468	531	545	560	564	509	456	415	437	498	414	473	438	493	14,229	environment	
substance, material	1,679	1,706	1,354	1,206	954	853	863	788	722	607	584	543	527	541	468	493	435	433	453	411	438	408	400	397	17,263	substance, material	
others	218	201	167	148	142	133	126	121	85	101	118	101	105	85	115	90	90	106	125	122	109	146	352	106	3,212	others	
load	210	227	226	223	160	181	145	124	128	131	112	107	100	118	113	102	114	85	97	108	98	89	116	86	3,200	load	
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total	

Transition of Causal agents (Middle) of fatal and non-fatal accidents in 0301 civil engineering work 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
temporary buildings, establishments	1,685	1,541	1,483	1,245	1,141	1,034	986	965	873	889	714	695	703	706	745	727	684	673	703	684	690	686	747	716	21,715	temporary buildings, establishments
construction machine	1,595	1,363	1,224	1,155	1,024	962	930	812	749	786	622	660	590	646	644	643	554	530	532	464	501	515	522	520	18,543	construction machine
natural environment	1,096	920	885	776	696	709	649	628	528	541	468	531	545	560	564	509	456	415	437	498	414	473	438	493	14,229	natural environment
conveying machine	1,010	971	911	881	762	718	686	625	606	563	499	505	503	513	518	534	468	429	489	502	468	446	527	487	14,621	conveying machine
materials	1,615	1,619	1,286	1,146	929	816	828	748	691	580	566	521	506	507	447	477	425	412	426	390	405	380	375	377	16,472	materials
tools	650	592	543	486	449	428	458	396	388	398	357	329	370	342	328	322	335	298	324	293	306	334	346	317	9,389	tools

crane	399	405	328	353	312	282	280	234	221	245	212	192	186	165	205	197	185	154	173	177	173	178	171	161	5,588	crane
vehicle	333	266	262	254	259	200	212	201	175	160	166	164	133	165	168	143	138	164	130	140	135	138	126	148	4,380	vehicle
woodworking machine	278	261	244	222	228	200	188	166	167	148	153	162	148	135	152	150	106	130	139	125	128	149	144	141	4,064	woodworking machine
general machine	254	254	218	214	214	189	150	175	178	127	146	152	132	142	123	133	137	118	149	124	135	142	136	135	3,877	general machine
human power machine, tools	366	337	314	247	253	238	203	192	148	180	178	141	149	145	128	144	119	95	122	113	122	130	123	118	4,305	human power machine, tools
load	210	227	226	223	160	181	145	124	128	131	112	107	100	118	113	102	114	85	97	108	98	89	116	86	3,200	load
no causal agent	133	125	107	100	89	76	84	78	58	72	81	73	63	64	85	69	66	79	84	95	88	91	93	76	2,029	no causal agent
metal manufacturing machine	112	112	91	102	94	66	82	67	79	65	54	67	56	68	54	72	67	63	69	62	45	61	57	46	1,711	metal manufacturing machine
other equipments, facilities	77	92	79	63	43	56	63	46	66	42	36	44	40	44	34	53	44	45	49	40	27	45	44	42	1,214	other equipments, facilities
other causal agent	69	56	49	37	43	40	35	34	22	20	24	18	34	16	21	18	19	25	36	26	15	54	257	27	995	other causal agent
hazards, harmful substances	64	87	68	60	25	37	35	40	31	27	18	22	21	34	21	16	10	21	27	21	33	28	25	20	791	hazards, harmful substances
electric equipment	9	8	19	6	10	8	5	6	6	9	5	7	4	8	2	8	4	9	6	3	6	3	9	10	170	electric equipment
welding equipment	13	10	6	3	7	8	10	4	10	3	8	4	4	2		3	3	2	2	5	3	5	4	5	124	welding equipment
mobile silviculture																	8	4	9	6	5	8	10	5	55	mobile silviculture

machine																											machine
unclassifiable	16	20	11	11	10	17	7	9	5	9	13	10	8	5	9	3	5	2	5	1	6	1	2	3	188	unclassifiable	
power transmission mechanism	10	12	16	7	10	12	9	5	6	10	4	6	4	3	7	2	6	3	2	5	1	3	1	3	147	power transmission mechanism	
pressure vessel	10	6	3	7	10	3	1	5	3	2	3	2		3	1	4	2	3	2	4	2	3	2	3	84	pressure vessel	
engine	9	6	2	4	2	2	6	2	3	9	4	3	1	1	4	2	1	1	2	3	1		2	2	72	engine	
kiln, caldron	1	2	2		2		1	2		1	3		1		1				1		1	1		1	20	kiln, caldron	
chemical facilities			1																						1	chemical facilities	
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total	

Transition of Causal agents (Small) of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)

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	2022	total	Causal (S) agents
truck			800		666		595	552	547	496	429	467	453	463	457	474	420	392	446	443	420	399	471	443	9,833	truck
excavating machine			611		493		495	384	381	378	302	308	291	327	320	321	245	249	262	228	271	292	275	301	6,734	excavating machine
passage			250		196		200	200	150	174	141	153	158	153	151	171	154	193	195	188	167	191	226	212	3,623	passage
ladder			297		248		261	231	207	231	223	200	216	209	214	202	221	190	204	194	204	216	216	208	4,392	ladder
natural ground, rock			517		439		366	344	296	279	232	244	216	257	263	217	199	194	174	185	174	181	187	200	5,164	natural ground, rock
metal material			564		427		396	340	329	285	257	269	256	228	205	204	211	188	209	203	195	175	173	172	5,286	metal material
building, establishment			423		320		250	259	247	224	162	194	182	190	197	182	170	148	163	164	182	176	182	161	4,176	building, establishment
mobile crane			267		242		225	191	168	205	177	162	153	135	165	167	154	138	146	154	140	143	133	127	3,392	mobile crane
cars, bus, motorcycle			240		237		189	187	157	143	144	150	119	155	153	133	125	145	117	128	118	125	113	127	3,005	cars, bus, motorcycle



standing tree			172		147		162	136	138	153	171	143	151	144	132	140	134	120	124	145	113	131	116	124	2,796	standing tree
other general power machines			195		198		145	164	154	117	135	134	114	127	109	119	126	114	141	111	125	134	127	121	2,710	other general power machines
hand tool			267		206		167	155	124	149	150	117	111	127	100	117	103	81	98	91	94	107	93	98	2,555	hand tool
other environments			118		67		78	94	49	52	47	65	76	91	91	92	81	54	83	79	61	73	75	94	1,520	other environments
other temporary buildings, establishments			168		155		142	140	111	113	89	94	108	98	109	96	100	87	99	86	90	99	103	90	2,177	other temporary buildings, establishments
chain saw			71		83		59	60	58	49	75	69	69	62	63	80	60	70	80	65	79	98	92	85	1,427	chain saw
leveling, transporting or loading machine			180		169		124	139	116	115	80	110	77	85	103	75	108	88	95	84	76	65	83	78	2,050	leveling, transporting or loading machine
stone, sand, substance			300		225		191	159	131	110	111	95	94	101	99	117	68	86	73	73	76	72	76	77	2,334	stone, sand, substance
working platform, boot board			169		152		104	104	89	128	106	76	69	77	66	107	80	74	90	81	74	65	84	77	1,872	working platform, boot board
load			187		124		108	96	105	98	90	93	75	94	89	84	96	65	84	88	79	79	101	76	1,911	load
no causal agent			107		89		84	78	58	72	81	73	63	64	85	69	66	79	84	95	88	91	93	76	1,595	no causal agent
other construction machines			200		178		158	133	122	146	107	104	128	115	109	130	84	89	80	69	69	70	78	71	2,240	other construction machines
other materials			258		161		128	142	132	107	96	93	91	94	80	90	74	65	74	56	74	70	68	69	2,022	other materials
high/cold temperature environment			54		26		31	40	37	38	9	70	38	54	69	42	37	37	44	78	57	76	45	69	951	high/cold temperature environment
stairs, landing stage			78		66		57	57	57	52	64	40	47	68	60	45	49	56	33	39	50	48	49	68	1,083	stairs, landing stage
other tools			146		101		106	86	106	98	64	68	95	72	69	78	58	66	71	58	58	66	80	62	1,608	other tools
lumber, bamboo			164		116		113	107	99	78	102	64	65	84	63	66	72	73	70	58	60	63	58	59	1,634	lumber, bamboo





gas welding equipment			4	5	7	1	4	2	7	1	4	1		1	1	2	1	3	2		3	3	52	gas welding equipment
other pressure vessels			3	8	1	4	1	2	3			2	1	4	2	2	2	4	2	1	1	3	46	other pressure vessels
felling machine															7	4	5	6	3	6	5	3	39	felling machine
harmful substance			20	1	7	14	9	4	5	8	6	7	8	8	5	6	8	9	1	9	5	2	142	harmful substance
inflammable substance			17	7	8	9	5	6	4	1	4	6	1	3	3	3	6	2	6	3	3	2	99	inflammable substance
other electrical equipment			14	6	2	1	2	4	4	3	2	5	1	3	1	3	2		4	2	6	2	67	other electrical equipment
engine			2	2	6	2	3	9	4	3	1	1	4	2	1	1	2	3	1		2	2	51	engine
railway vehicle			3	1	4	1	1	2	5	1		1	2	1	3	3	4	1	3	3	1	2	42	railway vehicle
electric power facilities			1	1	3	2	2		1	4	2			1	1	2	1	1	1		2	2	27	electric power facilities
other welding equipment			1			1	1		1	1		1		1							1	2	10	other welding equipment
abnormal environment			10	4	5	4	5	9	2	5	5	5	5	3	2	6	4		3	1	4	1	83	abnormal environment
wood planer machine			7	3	1	1	2	3	1	2	1	1	2	1		3		2	1	1	1	1	34	wood planer machine
lathe			2	1	1		1	7		3	2	1		1	1	1		1	2	2	1	1	28	lathe
cargo lifting appliance			1	2	1		1						1	1			3		2			1	13	cargo lifting appliance
kiln, caldron			1	1		2		1	1		1		1				1			1		1	11	kiln, caldron
other mobile silviculture machine																			1		4	1	6	other mobile silviculture machine
skyline yarding																				1		1	2	skyline yarding

machine																								machine				
centrifugal machine																							1	1	centrifugal machine			
arc welding equipment			1	2	3	2	5	1	2						1	2		1	2	1	5			28	arc welding equipment			
drill press, milling machine			2	3	2	4	2	1	2	1	1	2						2		2			1		25	drill press, milling machine		
lumberyard equipment, logging cableway				1	2	3	1	2	2	3	1	2												2		19	lumberyard equipment, logging cableway	
explosive substance			2	1			1	2	2						1			1		1	1		1		13	explosive substance		
band sawing machine			1	2						1	1				1			1					1		8	band sawing machine		
mobile logging machine																1		4		1	1	1			8	mobile logging machine		
elevator, lift								1	1	1	1							1		1	1				8	elevator, lift		
pressure vessel				2				2				1						1					1	1		8	pressure vessel	
hollow chisel mortiser, wood borer								2		1																7	hollow chisel mortiser, wood borer	
power press			1	1			1								1		2							1		7	power press	
shearing machine			1				1					1	2		1						1					7	shearing machine	
other kiln, caldron			1	1			1					2														6	other kiln, caldron	
chamfering machine, router, woodworking milling machine																											4	chamfering machine, router, woodworking milling machine
roll machine (except																												roll machine (except

printingroll machine)							1					1			1	1								4	printingroll machine)	
gondola					1					1			1									1		4	gondola	
boiler								1				1										1		4	boiler	
forging pressure hammer									2															3	forging pressure hammer	
derrick crane									2							1								3	derrick crane	
straddle carrier								1											1		1			3	straddle carrier	
industrial robot					1								1											2	industrial robot	
simple skyline yarding equipment																	1				1			2	simple skyline yarding equipment	
injection molding machine														1										1	injection molding machine	
chemical facilities				1																				1	chemical facilities	
food manufacturing machine																										food manufacturing machine
printing machine																										printing machine
industrial dryer																										industrial dryer
radiation																										radiation
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total

Transition of workers' age groups of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)

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	2,558	2,261	1,851	1,635	1,410	1,348	1,322	1,218	1,213	1,180	1,095	1,117	1,136	1,193	1,221	1,303	1,193	1,177	1,261	1,254	1,274	1,325	1,251	1,378	33,174	60 years old or more
50-59	2,713	2,527	2,361	2,081	1,939	1,850	1,840	1,650	1,515	1,475	1,230	1,085	1,052	989	992	952	838	762	822	817	825	840	901	830	32,886	50-59
40-49	1,690	1,544	1,420	1,311	1,152	1,050	930	893	820	818	775	799	749	849	852	849	835	788	842	830	769	780	910	758	23,013	40-49

20-29	1,577	1,506	1,435	1,341	1,077	914	872	766	616	586	487	489	435	494	457	423	389	381	437	404	382	451	557	468	16,944	20-29
30-39	1,198	1,218	1,110	1,052	1,048	1,017	1,002	963	903	893	788	836	848	783	742	698	622	569	553	517	491	495	582	445	19,373	30-39
19 years old or less	278	236	201	182	146	103	87	74	74	65	71	89	81	84	110	106	79	83	100	67	67	72	76	63	2,594	19 years old or less
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total

Transition of workers' number of workplace of fatal and non-fatal accidents in 0301 civil engineering work 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	4,571	4,362	3,858	3,669	3,409	3,201	3,102	2,842	2,715	2,670	2,287	2,264	2,200	2,225	2,215	2,210	1,994	1,856	1,960	1,942	1,844	1,861	1,924	1,854	63,035	9 workers or less
10-29	3,904	3,529	3,220	2,807	2,444	2,216	2,208	2,029	1,792	1,739	1,593	1,606	1,507	1,538	1,551	1,503	1,366	1,302	1,430	1,358	1,376	1,459	1,617	1,458	46,552	10-29
30-49	976	867	800	690	544	536	442	445	392	407	375	333	369	386	365	379	384	358	406	380	371	404	453	381	11,443	30-49
50-99	397	387	345	299	262	236	215	191	174	149	147	146	170	173	164	171	165	167	172	156	157	163	190	177	4,973	50-99
100-299	158	131	145	125	102	87	77	50	60	42	40	60	46	66	78	65	43	73	41	47	53	68	87	66	1,810	100-299
300 workers or more	8	16	10	12	11	6	9	7	8	10	4	6	9	4	1	3	4	4	6	6	7	8	6	6	171	300 workers or more
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total

Transition of occurred months of fatal and non-fatal accidents in 0301 civil engineering work 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
October	857	805	744	679	582	555	507	501	443	459	404	394	388	377	364	406	359	327	350	380	356	361	368	377	11,343	October
January	862	842	709	662	598	624	518	510	436	465	421	387	406	392	388	388	358	304	362	335	331	273	377	354	11,302	January
September	866	728	655	617	563	507	471	461	397	402	353	373	344	337	382	333	342	310	266	310	316	357	371	348	10,409	September
June	729	676	615	565	490	466	483	374	392	349	336	325	324	305	300	288	318	292	321	303	275	313	343	338	9,520	June
March	960	925	919	726	689	660	589	489	499	492	410	479	439	401	420	389	335	315	324	346	327	341	357	336	12,167	March
November	914	780	724	686	526	566	587	521	450	374	405	360	407	360	417	334	363	319	378	334	330	396	349	333	11,213	November
July	859	797	711	648	611	522	504	439	430	452	362	352	325	362	412	434	371	361	395	385	371	300	397	329	11,129	July
February	923	921	767	769	719	648	569	590	509	539	444	431	375	454	362	402	323	353	370	349	337	363	387	325	12,229	February

December	818	797	710	597	560	498	503	457	454	390	376	368	350	413	369	355	312	282	352	262	303	341	331	325	10,523	December
August	810	765	657	617	523	449	478	467	436	390	354	354	390	371	367	338	340	315	334	337	327	359	392	303	10,473	August
April	711	614	619	520	464	416	431	374	337	359	268	285	265	302	302	315	272	308	271	265	266	289	279	298	8,830	April
May	705	642	548	516	447	371	413	381	358	346	313	307	288	318	291	349	263	274	292	283	269	270	326	276	8,846	May
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total

Transition of prefectures of fatal and non-fatal accidents in 0301 civil engineering work in Japan (1999-2022)

Prefecture	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	Prefecture
Hokkaido	721	692	613		475		441	435	325	287	315	311	274	291	362	318	316	269	302	338	279	320	359	316	8,359	Hokkaido
Tokyo	424	373	330		343		335	321	277	307	242	238	230	254	225	230	214	180	229	173	171	179	201	176	5,652	Tokyo
Kanagawa	384	395	357		317		289	301	277	244	194	222	241	175	170	177	167	190	183	178	183	193	190	162	5,189	Kanagawa
Aichi	324	345	304		257		200	178	205	200	187	185	149	152	155	169	145	130	152	149	128	142	148	151	4,155	Aichi
Fukuoka	376	371	323		264		251	229	225	212	179	176	168	173	183	181	168	153	172	180	130	149	189	143	4,595	Fukuoka
Chiba	251	202	212		218		204	197	160	187	172	172	150	155	182	161	127	138	127	148	130	146	142	135	3,716	Chiba
Niigata	358	316	279		204		272	235	181	168	153	145	138	156	142	134	110	121	83	119	91	98	138	130	3,771	Niigata
Fukushima	208	193	146		129		106	95	118	124	98	99	105	137	119	157	114	95	94	97	85	99	134	130	2,682	Fukushima
Shizuoka	298	307	255		206		188	165	191	164	145	152	133	125	117	131	123	107	102	103	115	124	102	129	3,482	Shizuoka
Kagoshima	213	240	175		176		167	163	136	114	107	119	110	118	116	92	103	129	118	104	116	112	120	113	2,961	Kagoshima
Nagano	251	217	204		161		121	99	109	106	107	90	83	82	82	110	90	82	83	81	95	89	103	106	2,551	Nagano
Hyogo	372	360	307		227		215	203	176	155	125	140	140	147	144	137	97	106	114	102	99	82	102	103	3,653	Hyogo
Miyagi	156	156	129		130		76	94	95	101	77	75	134	141	129	123	109	149	123	123	111	94	112	102	2,539	Miyagi
Saitama	272	250	211		209		203	163	164	200	172	167	134	146	137	168	147	109	135	135	123	129	147	99	3,620	Saitama
Kumamoto	211	168	144		125		100	92	95	75	92	99	65	73	96	87	65	79	99	80	89	90	79	90	2,193	Kumamoto
Mie	259	207	214		155		112	103	109	95	82	99	85	84	91	85	80	79	76	81	79	65	65	89	2,394	Mie
Osaka	263	249	254		218		185	168	190	196	156	124	117	114	109	130	114	86	85	107	79	97	102	87	3,230	Osaka
Aomori	159	137	139		96		86	64	58	66	61	64	83	85	70	66	58	72	81	61	73	70	82	83	1,814	Aomori



Gifu	264	249	215		189		112	110	89	102	84	83	62	83	79	75	83	63	76	73	71	86	79	78	2,405	Gifu
Akita	151	107	147		98		95	87	63	74	80	59	58	73	85	68	76	50	60	65	68	78	73	78	1,793	Akita
Tochigi	142	135	106		66		64	61	62	69	63	53	52	56	46	40	56	44	42	37	55	48	57	77	1,431	Tochigi
Kochi	228	193	170		114		110	93	94	73	51	59	82	72	82	73	79	69	73	62	71	81	68	73	2,070	Kochi
Oita	232	179	171		129		118	91	102	97	70	77	66	73	98	81	72	86	84	90	84	64	68	71	2,203	Oita
Nagasaki	185	177	150		107		93	86	72	66	67	80	54	62	54	73	63	53	53	63	60	61	80	71	1,830	Nagasaki
Hiroshima	286	278	242		185		167	141	134	111	110	93	96	87	96	69	69	65	87	98	87	114	104	70	2,789	Hiroshima
Ehime	237	234	226		149		144	103	95	83	67	63	62	68	63	64	50	65	65	82	56	54	73	70	2,173	Ehime
Okayama	217	210	176		127		137	89	93	83	74	74	66	80	92	71	58	59	75	64	60	50	77	70	2,102	Okayama
Ibaraki	196	141	135		119		101	75	77	85	74	74	99	109	101	78	82	80	96	73	68	70	85	69	2,087	Ibaraki
Gunma	230	212	187		140		87	82	79	97	90	85	67	56	69	59	61	64	61	65	67	69	76	64	2,067	Gunma
Miyazaki	153	160	147		83		90	116	95	104	64	82	73	76	71	55	45	62	55	53	75	84	69	63	1,875	Miyazaki
Iwate	156	166	153		113		89	86	76	60	67	63	96	73	83	100	90	82	102	99	100	83	94	62	2,093	Iwate
Yamagata	154	145	131		109		87	77	80	58	54	81	74	65	60	76	71	64	75	69	54	68	75	61	1,788	Yamagata
Saga	79	97	66		56		52	44	42	46	47	55	45	41	63	59	53	36	59	44	50	59	38	56	1,187	Saga
Kyoto	160	153	142		88		108	109	91	68	79	54	67	85	60	68	69	47	67	50	48	62	50	53	1,778	Kyoto
Yamaguchi	140	137	142		101		91	83	89	85	67	68	78	66	59	52	55	65	71	44	56	53	66	50	1,718	Yamaguchi
Toyama	145	140	120		87		87	68	70	56	74	67	67	85	51	64	53	43	49	45	55	66	51	46	1,589	Toyama
Nara	136	91	112		94		67	70	54	59	68	55	47	56	44	51	31	33	35	28	41	39	46	45	1,302	Nara
Fukui	121	110	105		82		65	57	52	67	43	41	55	53	41	40	51	32	42	40	62	54	74	44	1,331	Fukui
Tokushima	156	133	130		81		104	99	82	77	59	57	59	41	41	57	49	52	57	36	50	63	58	43	1,584	Tokushima
Kagawa	85	70	48		57		82	54	40	47	40	43	35	42	37	25	25	34	36	37	36	42	46	43	1,004	Kagawa
Shimane	101	106	124		87		65	57	59	62	41	42	49	43	46	35	36	33	31	37	43	29	48	39	1,213	Shimane
Shiga	86	89	66		69		41	52	40	61	41	27	27	31	25	31	30	23	21	25	29	28	42	38	922	Shiga
Wakayama	184	139	131		102		90	105	82	65	72	62	73	77	80	59	63	56	41	37	45	50	45	37	1,695	Wakayama

Ishikawa	74	74	57		64		39	41	31	41	48	43	41	34	27	38	29	28	30	29	46	37	40	37	928	Ishikawa
Yamanashi	100	102	97		83		49	60	47	60	40	41	40	36	42	51	46	37	44	36	32	30	25	33	1,131	Yamanashi
Okinawa	45	38	30		30		33	24	31	31	21	33	42	32	22	29	36	31	38	30	39	31	34	31	711	Okinawa
Tottori	71	49	56		53		35	39	29	29	27	24	30	29	28	34	28	30	32	19	24	32	21	26	745	Tottori
total	10,014	9,292	8,378	7,602	6,772	6,282	6,053	5,564	5,141	5,017	4,446	4,415	4,301	4,392	4,374	4,331	3,956	3,760	4,015	3,889	3,808	3,963	4,277	3,942	127,984	total

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