

Fatal and non-fatal accidents in medical treatment service in Japan in 1999-2021

medical treatment service industry Code No.1301

Type of accidents in medical treatment service in 1999-2021

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
fall from height	197	183	216	192	236	216	200	231	236	223	212	207	241	241	242	229	251	267	241	242	262	320	330	5,415	fall from height
falling to same level	643	672	749	691	788	815	836	887	808	931	877	961	1,034	1,038	1,046	1,092	1,038	1,117	1,158	1,332	1,272	1,420	1,619	22,824	falling to same level
crash	68	89	97	83	99	98	86	100	114	119	87	104	86	129	104	115	127	134	141	139	144	178	160	2,601	crash
struck by flying or falling object	36	36	43	32	39	48	33	38	29	42	39	28	38	25	36	30	29	41	34	34	32	37	33	812	struck by flying or falling object
collapse	9	15	14	17	10	7	9	11	14	5	7	13	7	11	17	13	10	17	5	14	15	20	13	273	collapse
crashed by	74	68	74	77	67	81	77	99	85	83	70	94	71	75	88	80	103	88	106	105	93	96	109	1,963	crashed by
caught in/between	88	101	106	122	113	121	109	132	118	103	114	110	93	107	93	99	102	97	111	135	113	137	123	2,547	caught in/between
cut	124	121	135	133	138	151	108	104	102	100	70	97	71	74	72	69	67	60	74	60	59	65	66	2,120	cut
injury to the sole of the foot		2	2		1	3	1	2	1	1	4	2			6		1	3	3				2	34	injury to the sole of the foot
drown	1												23					1			1	1		27	drown
contact to high/low-temperature	50	50	48	44	43	53	40	44	37	32	36	35	42	41	38	26	27	31	25	39	40	34	26	881	contact to high/low-temperature
contact to harmful	15	15	23	21	18	14	16	25	9	19	15	12	23	11	8	15	16	6	8	15	9	3	12	328	contact to harmful

substance																									substance
electric shock	2	2	1	2			2		2	1	1				2	2		1		1			1	20	electric shock
explosion		1		1	2		2	6		1					1	2						1	2	19	explosion
burst	1		1		1	2				1					1			1			2			10	burst
fire				6		1			1	1	2	1								1				13	fire
traffic accident (public road)	55	60	82	70	88	78	67	95	91	87	83	103	88	104	91	107	66	98	93	94	101	103	102	2,006	traffic accident (public road)
traffic accident (others)	2	3	2	2	1			2	2			1	1	1	2	2		3			2	5	3	34	traffic accident (others)
reaction to motion/improper motion	509	504	569	631	718	671	720	680	849	824	823	806	874	833	827	840	889	898	971	986	937	1,160	1,267	18,786	reaction to motion/improper motion
others	132	128	138	151	142	133	159	190	207	208	133	134	190	163	160	125	141	132	129	177	161	3,182	6,608	13,023	others
unclassifiable	42	40	41	23	26	34	31	36	25	37	29	18	29	27	23	47	29	26	22	21	24	18	16	664	unclassifiable
total	2,048	2,090	2,341	2,298	2,530	2,526	2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	74,400	total

Causal agents (large) of fatal and non-fatal accidents in medical treatment service in 1999-2021

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
machine	46	57	60	53	48	56	39	54	36	39	34	29	22	37	20	35	25	27	24	22	26	32	19	840	machine
crane, conveying machine	96	94	122	123	124	122	116	139	142	132	125	148	140	142	127	148	112	138	140	136	148	151	140	3,005	crane, conveying machine
other equipment	306	317	348	381	374	390	392	417	401	442	406	464	430	440	446	436	493	510	547	575	566	632	672	10,385	other

																									equipment
temporary buildings, establishments	692	736	819	746	889	870	878	952	915	966	900	945	1,021	1,017	1,045	1,043	1,023	1,122	1,103	1,261	1,215	1,399	1,523	23,080	temporary buildings, establishments
substance, material	38	49	50	46	48	62	37	58	47	39	34	34	41	32	39	30	33	32	34	32	32	37	30	914	substance, material
load	55	52	75	56	64	65	53	64	81	58	63	47	58	56	39	52	49	67	63	63	62	86	91	1,419	load
environment	107	93	152	109	124	132	125	131	144	111	101	140	183	145	128	178	128	138	141	155	132	173	164	3,134	environment
others	708	692	715	784	859	829	856	867	964	1,031	939	919	1,016	1,011	1,013	971	1,033	987	1,069	1,150	1,087	4,270	7,853	31,623	others
total	2,048	2,090	2,341	2,298	2,530	2,526	2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	74,400	total

Causal agents (middle) of fatal and non-fatal accidents in medical treatment service in 1999-2021

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	
engine					1	1						1										1		4	engine	
power transmission mechanism		3		2	1					1			1				1						1		10	power transmission mechanism
woodworking machine	2	3	3	1		6	4	2	2	1	2	1	2		1		1	1		4	1		3	40	woodworking machine	
construction machine			3					11					2	1						1	1				19	construction machine
metal manufacturing machine	2	2	3		1		2			2	2		1	1				1	1				1		19	metal manufacturing machine

general machine	42	49	51	50	45	49	33	41	34	35	30	27	16	35	19	35	23	25	22	17	25	29	16	748	general machine	
mobile silviculture machine																										mobile silviculture machine
crane	5	3	5	8	1	4	4	9	5	8	8	4	6	2	5	3	8	6	4	4	3	4	3	112	crane	
conveying machine	15	9	8	16	18	13	14	12	13	8	9	10	6	14	7	7	10	15	11	5	11	10	7	248	conveying machine	
vehicle	76	82	109	99	105	105	98	118	124	116	108	134	128	126	115	138	94	117	125	127	134	137	130	2,645	vehicle	
pressure vessel	1	4	2	2	3	3	5	2	3	2	1	3	4	7	2	5	2	4	3	1	4	3	1	67	pressure vessel	
chemical facilities																										chemical facilities
welding equipment																		1							1	welding equipment
kiln, caldron	1	2	4	7	4	1	1	4	2	3	4	3	4	3	4	3	2	1	2	6	6		2	69	kiln, caldron	
electric equipment	7	5	4	3	2	3	5	8	7	4	8	6	7	11	4	3	10	15	16	21	21	19	22	211	electric equipment	
human power machine, tools	104	114	132	153	157	158	134	145	140	150	142	163	131	159	133	153	151	171	190	192	180	209	194	3,555	human power machine, tools	
tools	122	114	123	135	143	140	158	166	157	181	156	167	168	153	185	159	192	200	217	207	222	247	264	3,976	tools	
other equipments, facilities	71	78	83	81	65	85	89	92	92	102	95	122	116	107	118	113	136	118	119	148	133	154	189	2,506	other equipments, facilities	
temporary buildings, establishments	692	736	819	746	889	870	878	952	915	966	900	945	1,021	1,017	1,045	1,043	1,023	1,122	1,103	1,261	1,215	1,399	1,523	23,080	temporary buildings, establishments	

hazards, harmful substances	15	13	19	16	16	18	11	20	7	16	15	11	12	10	14	14	12	12	13	8	8	6	10	296	hazards, harmful substances
materials	23	36	31	30	32	44	26	38	40	23	19	23	29	22	25	16	21	20	21	24	24	31	20	618	materials
load	55	52	75	56	64	65	53	64	81	58	63	47	58	56	39	52	49	67	63	63	62	86	91	1,419	load
natural environment	107	93	152	109	124	132	125	131	144	111	101	140	183	145	128	178	128	138	141	155	132	173	164	3,134	natural environment
other causal agent	374	367	392	412	391	395	415	432	465	546	376	405	460	419	436	373	420	365	431	402	422	3,425	6,908	19,031	other causal agent
no causal agent	262	265	251	322	427	379	394	374	430	427	522	474	516	542	539	551	582	598	610	728	651	829	927	11,600	no causal agent
unclassifiable	72	60	72	50	41	55	47	61	69	58	41	40	40	50	38	47	31	24	28	20	14	16	18	992	unclassifiable
total	2,048	2,090	2,341	2,298	2,530	2,526	2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	74,400	total

Causal agents (small) of fatal and non-fatal accidents in medical treatment service in 1999-2021

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	
engine					1							1										1		3	engine	
power transmission mechanism					1					1			1			1						1		5	power transmission mechanism	
circular sawing machine			2				3		1		2	1			1		1				1		2	14	circular sawing machine	
band sawing machine																						1		1	2	band sawing machine
wood planer machine			1					1																	2	wood planer machine

hollow chisel mortiser, wood borer																								hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																								chamfering machine, router, woodworking milling machine
chain saw						1	1	1				2							2				7	chain saw
other woodworking machines									1							1		1					3	other woodworking machines
leveling, transporting or loading machine			1				11										1						13	leveling, transporting or loading machine
excavating machine																		1					1	excavating machine
foundation work machine																								foundation work machine
hardening machine																								hardening machine
demolition machine																								demolition machine
vehicle for high lift work			1																				1	vehicle for high lift work
other construction machines			1									2	1										4	other construction machines
lathe																	1						1	lathe
drill press, milling machine																								drill press, milling machine
grinding machine,				1		2				1						1							5	grinding machine,

other mobile silviculture machine																											other mobile silviculture machine	
crane																											crane	
mobile crane												1															mobile crane	
derrick crane																											derrick crane	
elevator, lift			4		1		4	9	4	7	7	4	5	2	5	3	8	5	4	4	3	3	3		85	elevator, lift		
cargo lifting appliance																											cargo lifting appliance	
gondola																											gondola	
lumberyard equipment, logging cableway			1																							1	lumberyard equipment, logging cableway	
simple skyline yarding equipment																											simple skyline yarding equipment	
other powered crane									1	1	1							1								1	5	other powered crane
truck			4		13		5	7	6	5	4	4	2	8	4	5	7	10	7	1	6	5	5		108	truck		
forklift																												forklift
railway equipment																												railway equipment
conveyor			1		1		5	2	3		1		1	3	1	2	1		1		2				24	conveyor		
loader													1					1								2	loader	
straddle carrier																												straddle carrier
rough terrain hauler																												rough terrain hauler
other powered conveying machines			3		4		4	3	4	3	4	6	2	3	2		2	4	3	4	3	5	2		61	other powered conveying machines		

hauling equipment			67		85		77	97	96	99	98	116	93	118	95	112	121	141	146	156	142	163	140	2,162	hauling equipment	
human power machine						1	3				1	1	4		1		1		1		1	1	3	18	human power machine	
hand tool			65		72		56	45	44	51	43	46	34	41	37	41	29	30	43	36	27	32	33	805	hand tool	
ladder			42		45		46	45	43	63	50	49	59	43	72	48	57	49	57	57	57	62	61	1,005	ladder	
slinging tool														1								1		2	slinging tool	
other tools			81		98		112	121	114	118	106	118	109	109	113	111	135	151	160	150	164	185	203	2,458	other tools	
other equipment, facilities			83		65		89	92	92	102	95	122	116	107	118	113	136	118	119	148	133	154	189	2,191	other equipment, facilities	
scaffolding			1			2	2	3				2	1	2	1		2		1	1	1	1	2	22	scaffolding	
timbering					1		1																1	1	4	timbering
stairs, landing stage			187		207		189	200	200	207	196	213	219	222	219	223	220	238	221	230	241	303	318	4,253	stairs, landing stage	
opening			4		4		2	2	2	2	3	2	3	3	1	5	3	5	2	3	4	4	6	60	opening	
roof, beam, haze, crossbeam, principal rafter			1		4		3	1	2		4	2				2	3	6	1	3	1	2		35	roof, beam, haze, crossbeam, principal rafter	
working platform, boot board			91		100		83	105	105	143	107	100	110	111	130	135	101	114	116	123	122	123	115	2,134	working platform, boot board	
passage			363		394		454	468	416	464	443	473	530	501	504	527	517	601	579	708	670	773	860	10,245	passage	
building, establishment			84		95		75	103	105	85	80	85	100	108	114	76	95	78	95	103	79	92	91	1,743	building, establishment	
other temporary buildings, establishments			88		84		69	71	82	65	67	68	58	70	76	75	82	80	88	90	97	100	130	1,540	other temporary buildings, establishments	
explosive substance										1				2	4									7	explosive substance	

inflammable substance								1		1	1				1		1	1					4	10	inflammable substance	
inflammable gas					1			2	1	1					1	1		1					1		9	inflammable gas
harmful substance			12		4		3	10	3	2	5	4	3	1	2	4	4	3	2	1	1		3	67	harmful substance	
radiation											1			1		1								3	radiation	
other hazards, harmful substances			7		11		8	8	2	12	8	6	9	6	7	7	8	7	10	7	7	5	3	138	other hazards, harmful substances	
metal material			6		6		7	13	10	6	5	5	11	5	4	4	5	9	8	4	8	9	7	132	metal material	
lumber, bamboo			1		4		2	2	2		1	1	4	2	4	2	1	2	2	1	4	1	2	38	lumber, bamboo	
stone, sand, substance			4		2		2		3	2	1	1	2	3	2		1	1	2	4	1	3	2	36	stone, sand, substance	
other materials			20		20		15	23	25	15	12	16	12	12	15	10	14	8	9	15	11	18	9	279	other materials	
load			71		60		52	63	72	56	60	46	54	53	38	48	44	60	60	59	58	85	86	1,125	load	
machine/equipment as load			4		4		1	1	9	2	3	1	4	3	1	4	5	7	3	4	4	1	5	66	machine/equipment as load	
natural ground, rock			6		5		4	2	10	3	3	3	3	4	2	8	2	7	2	5	3		4	76	natural ground, rock	
standing tree			1		3		4	1			4	2	2	4	2	2	2	3	2		2	1	3	38	standing tree	
water			9		3		8	5	7	7	2	5	40	7	3	4	2	6	4	5	6	10	4	137	water	
abnormal environment			3		2		1			1				2					1	6		2		18	abnormal environment	
high/cold temperature environment			11		6			9	2	3	5	6	8	9	9	4		2	5	4	6	5	3	97	high/cold temperature environment	
other environments			122		105		108	114	125	97	87	124	130	119	112	160	122	120	127	135	115	155	150	2,327	other environments	
other causal agent			392		391		415	432	465	546	376	405	460	419	436	373	420	365	431	402	422	3,425	6,908	17,483	other causal agent	

no causal agent			251		427		394	374	430	427	522	474	516	542	539	551	582	598	610	728	651	829	927	10,372	no causal agent
unclassifiable			72		41		47	61	69	58	41	40	40	50	38	47	31	24	28	20	14	16	18	755	unclassifiable
total			2,341		2,530		2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	65,438	total

Workers age of fatal and non-fatal accidents in medical treatment service in 1999-2021

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
19 years old or less	20	23	22	21	19	26	20	16	16	11	7	13	11	18	14	14	13	13	15	9	16	17	36	390	19 years old or less
20-29	433	437	470	434	454	476	380	432	421	383	354	326	319	330	294	275	268	276	311	304	285	1,314	2,306	11,282	20-29
30-39	326	318	370	386	457	391	447	433	498	518	459	471	508	479	482	456	418	404	405	405	435	1,162	1,921	12,149	30-39
40-49	421	443	488	497	524	535	531	575	577	592	526	564	614	588	575	614	614	584	656	715	591	1,429	2,214	15,467	40-49
50-59	583	616	699	715	762	797	793	869	877	907	813	858	884	870	872	888	897	1,006	962	1,054	1,031	1,585	2,233	21,571	50-59
60 years old or more	265	253	292	245	314	301	325	357	341	407	443	494	575	595	620	646	686	738	772	907	910	1,273	1,782	13,541	60 years old or more
total	2,048	2,090	2,341	2,298	2,530	2,526	2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	74,400	total

Workers' number of workplace of fatal and non-fatal accidents in medical treatment service in 1999-2021

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
9 workers or less	149	163	179	154	153	160	136	157	192	200	178	214	226	210	184	199	185	180	225	206	215	281	452	4,598	9 workers or less
10-29	152	167	181	159	215	199	202	210	209	226	234	206	241	210	239	203	228	219	235	253	264	370	635	5,457	10-29
30-49	91	93	115	114	127	124	113	150	161	146	138	138	140	115	158	171	137	165	139	176	151	220	381	3,463	30-49
50-99	270	248	287	294	291	314	300	349	301	320	274	313	315	338	295	296	313	323	303	323	317	507	707	7,598	50-99
100-299	914	918	1,026	1,033	1,070	1,076	1,040	1,076	1,181	1,156	1,109	1,119	1,121	1,099	1,177	1,150	1,094	1,138	1,184	1,230	1,246	1,999	3,270	28,426	100-299

300 workers or more	472	501	553	544	674	653	705	740	686	770	669	736	868	908	804	874	939	996	1,035	1,206	1,075	3,403	5,047	24,858	300 workers or more
total	2,048	2,090	2,341	2,298	2,530	2,526	2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	74,400	total

Month of fatal and non-fatal accidents in medical treatment service in 1999-2021

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
January	156	198	245	186	206	226	228	256	217	213	240	246	227	302	269	263	236	289	255	321	275	276	2,480	7,810	January
February	189	184	191	177	213	229	206	215	221	271	230	252	241	272	241	272	246	255	285	312	250	278	1,476	6,706	February
March	168	184	161	210	234	253	190	220	232	230	209	237	269	264	215	255	235	233	291	230	249	377	827	5,973	March
April	176	161	183	181	211	203	207	178	230	202	217	223	229	235	269	227	254	243	234	302	247	822	1,132	6,566	April
May	169	156	212	205	218	198	178	255	257	205	224	214	268	211	215	239	226	248	252	285	256	509	916	6,116	May
June	183	209	225	186	204	256	206	241	265	310	249	250	249	232	252	271	255	297	269	289	329	429	404	6,060	June
July	199	174	190	223	225	224	228	233	250	256	255	247	236	256	256	271	286	268	308	339	334	521	478	6,257	July
August	206	172	191	204	210	187	209	226	250	237	216	233	281	253	248	268	244	252	281	283	303	639	1,070	6,663	August
September	169	167	185	183	203	215	205	213	222	240	210	219	268	226	227	232	243	237	248	286	270	482	624	5,774	September
October	149	187	225	192	251	191	221	238	235	260	203	214	209	229	257	208	229	237	279	293	266	434	401	5,608	October
November	141	137	153	202	190	163	205	182	205	208	181	199	233	205	186	203	228	250	216	232	260	770	330	5,279	November
December	143	161	180	149	165	181	213	225	146	186	168	192	201	195	222	184	214	212	203	222	229	1,243	354	5,588	December
total	2,048	2,090	2,341	2,298	2,530	2,526	2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	74,400	total

Prefecture of fatal and non-fatal accidents in medical treatment service in 1999-2021

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
Hokkaido	149	128	147		142		157	151	164	148	135	143	157	143	135	146	164	150	158	149	159	677	551	4,053	Hokkaido

Kyoto	64	63	71		74		76	93	70	77	86	69	70	76	81	59	62	57	56	68	77	134	233	1,716	Kyoto
Osaka	168	176	212		230		214	223	228	257	229	278	249	256	234	220	247	260	254	284	246	506	1,077	6,048	Osaka
Hyogo	68	78	84		103		96	101	88	106	94	110	114	121	129	123	118	118	119	119	126	441	481	2,937	Hyogo
Nara	16	16	17		24		30	29	29	35	17	30	32	36	21	36	35	33	30	38	41	71	97	713	Nara
Wakayama	11	20	13		26		19	25	34	19	20	21	37	22	34	29	22	23	27	25	27	32	59	545	Wakayama
Tottori	8	8	5		5		13	13	11	11	9	15	16	13	4	9	9	10	13	10	10	12	6	210	Tottori
Shimane	22	20	22		18		15	13	21	13	12	17	22	16	15	22	13	24	20	25	14	23	26	393	Shimane
Okayama	28	35	33		48		40	43	44	46	53	57	54	53	46	41	57	36	50	73	66	97	153	1,153	Okayama
Hiroshima	61	65	65		55		62	70	81	96	66	84	92	88	88	75	91	92	93	101	106	169	194	1,894	Hiroshima
Yamaguchi	40	40	54		36		42	42	51	53	46	41	40	40	49	56	58	51	63	59	50	97	185	1,193	Yamaguchi
Tokushima	21	9	12		21		19	16	21	26	28	29	26	36	36	34	29	38	34	43	33	47	103	661	Tokushima
Kagawa	17	20	22		31		20	25	19	23	17	25	19	17	17	29	30	20	28	28	31	77	47	562	Kagawa
Ehime	26	20	27		31		35	33	42	37	33	43	39	42	50	39	27	50	45	39	49	66	78	851	Ehime
Kochi	43	41	48		47		39	56	47	36	42	34	48	42	47	45	40	56	32	54	57	74	70	998	Kochi
Fukuoka	189	186	176		165		184	167	212	193	191	202	207	199	217	243	243	212	260	251	262	502	738	5,199	Fukuoka
Saga	22	23	39		32		28	29	33	25	26	36	39	34	32	33	41	35	32	58	50	61	80	788	Saga
Nagasaki	50	32	30		54		72	73	59	113	59	59	37	64	59	56	70	78	75	80	81	107	168	1,476	Nagasaki
Kumamoto	62	69	71		72		58	71	83	75	73	92	74	69	61	74	66	78	80	105	108	116	155	1,712	Kumamoto
Oita	23	46	35		50		39	36	46	42	36	35	37	34	28	42	32	38	48	48	31	69	100	895	Oita
Miyazaki	39	38	32		51		27	35	58	42	39	35	35	43	72	47	48	34	42	48	54	66	88	973	Miyazaki
Kagoshima	65	44	58		68		54	57	69	74	61	74	69	68	64	81	84	111	109	128	114	158	242	1,852	Kagoshima
Okinawa	16	15	23		26		31	27	36	38	28	30	36	29	40	54	40	34	52	46	50	107	142	900	Okinawa
total	2,048	2,090	2,341		2,530		2,496	2,682	2,730	2,818	2,602	2,726	2,911	2,880	2,857	2,893	2,896	3,021	3,121	3,394	3,268	6,780	10,492	69,576	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused

temporary buildings, establishments	1			2	1							1	1								1		1	9	temporary buildings, establishments
substance, material			1												2								5	8	substance, material
load								1																1	load
environment													37	1							1			39	environment
others	1				3				2	2	1		1		1			2				2	3	18	others
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	109	total

Causal agents (middle) of fatal accidents in medical treatment service in 1999-2021

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	
engine																										engine
power transmission mechanism																										power transmission mechanism
woodworking machine																										woodworking machine
construction machine																										construction machine
metal manufacturing machine																										metal manufacturing machine
general machine																										general machine
mobile silviculture machine																										mobile silviculture machine
crane										1														1	crane	

conveying machine		1				1	1			1												5	conveying machine		
vehicle	2	1	1		3	1	2				1	1	1	1	1	1		1	1	1	2	1	22	vehicle	
pressure vessel																								pressure vessel	
chemical facilities																								chemical facilities	
welding equipment																								welding equipment	
kiln, caldron																								kiln, caldron	
electric equipment																								electric equipment	
human power machine, tools																								human power machine, tools	
tools					2			1										1					4	tools	
other equipments, facilities				1											1								2	other equipments, facilities	
temporary buildings, establishments	1			2	1					1	1		1							1		1	9	temporary buildings, establishments	
hazards, harmful substances			1												2							5	8	hazards, harmful substances	
materials																								materials	
load								1															1	load	
natural environment												37	1								1		39	natural environment	
other causal agent	1				3									1							1	3	9	other causal agent	
no causal agent									2	2	1		1				2				1		9	no causal agent	
unclassifiable																								unclassifiable	
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	109	total

Causal agents (small) of fatal accidents in medical treatment service in 1999-2021

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	
engine																										engine
power transmission mechanism																										power transmission mechanism
circular sawing machine																										circular sawing machine
band sawing machine																										band sawing machine
wood planer machine																										wood planer machine
hollow chisel mortiser, wood borer																										hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																										chamfering machine, router, woodworking milling machine
chain saw																										chain saw
other woodworking machines																										other woodworking machines
leveling, transporting or loading machine																										leveling, transporting or loading machine

excavating machine																								excavating machine
foundation work machine																								foundation work machine
hardening machine																								hardening machine
demolition machine																								demolition machine
vehicle for high lift work																								vehicle for high lift work
other construction machines																								other construction machines
lathe																								lathe
drill press, milling machine																								drill press, milling machine
grinding machine, buffing machine																								grinding machine, buffing machine
power press																								power press
forging pressure hammer																								forging pressure hammer
shearing machine																								shearing machine
other metal manufacturing machines																								other metal manufacturing machines
centrifugal machine																								centrifugal machine
mixer, grinder																								mixer, grinder
roll machine (except printingroll machine)																								roll machine (except printingroll machine)

load								1															1	load	
machine/equipment as load																									machine/equipment as load
natural ground, rock													1										1	natural ground, rock	
standing tree																								standing tree	
water													37								1		38	water	
abnormal environment																								abnormal environment	
high/cold temperature environment																								high/cold temperature environment	
other environments																								other environments	
other causal agent	1				3										1							1	3	9	other causal agent
no causal agent									2	2	1		1						2				1	9	no causal agent
unclassifiable																								unclassifiable	
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	109	total

Workers age of fatal accidents in medical treatment service in 1999-2021

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	
19 years old or less																										19 years old or less
20-29			1	1	1	1						9					1					1	5	20	20-29	
30-39					3	1	1		1			4			1										11	30-39
40-49	1	1	1		1			1	1	1			12			2	1		1						23	40-49

50-59	1			2	3					1	1	1	8	1	1			1		2		1	3	26	50-59
60 years old or more	2	1			1	1	1	1		2	1	1	6	2	1	1			1		3	2	2	29	60 years old or more
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	109	total

Workers' number of workplace of fatal accidents in medical treatment service in 1999-2021

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
9 workers or less					1		1			2	1		17			1	1			1				25	9 workers or less
10-29	1				1	1							6						2				6	17	10-29
30-49				1									3	1									1	6	30-49
50-99	2							1					7			1					1			12	50-99
100-299		1		1	3	1	1			1	1	2	5	1	1	2				1	2	1	2	26	100-299
300 workers or more	1	1	2	1	4		1	1	2	1			1	1	1			2				3	1	23	300 workers or more
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	109	total

Month of fatal accidents in medical treatment service in 1999-2021

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
January	1		1	1							1	1								1			1	7	January
February					2	1	1			1	1	1				1				1				9	February
March		1				1				1			37	1										41	March
April					1									1				1				1	2	6	April
May					2					1									1					4	May
June	2		1													3						1	2	9	June
July					2					1				1				1			2			7	July

Toyama																		1						1	Toyama					
Ishikawa			1		1																			1	3	Ishikawa				
Fukui																										Fukui				
Yamanashi																									1	Yamanashi				
Nagano																									1	3	Nagano			
Gifu																											Gifu			
Shizuoka																										2	Shizuoka			
Aichi																										2	Aichi			
Mie																										2	Mie			
Shiga																										1	1	Shiga		
Kyoto																										1	1	Kyoto		
Osaka	1																									5	9	Osaka		
Hyogo																										1	1	4	Hyogo	
Nara																												2	Nara	
Wakayama																											1	1	Wakayama	
Tottori																													Tottori	
Shimane																													Shimane	
Okayama																													Okayama	
Hiroshima																													Hiroshima	
Yamaguchi	1																											1	Yamaguchi	
Tokushima																												1	1	Tokushima
Kagawa																													Kagawa	
Ehime																													Ehime	
Kochi																												1	1	Kochi

