







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	21	769	
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	6	118	
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	10	258	
vehicle	76	82	109	99	105	105	98	118	124	116	108	134	128	126	115	138	94	117	125	127	134	137	130	156	2,801	
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	3	70	
chemical facilities																										
welding equipment																		1								1
kiln, caldron	1	2	4	7	4	1	1	4	2	3	4	3	4	3	4	3	2	1	2	6	6		2	2	71	
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	24	235	
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	230	3,785	
tools	122	114	123	135	143	140	158	166	157	181	156	167	168	153	185	159	192	200	217	207	222	247	264	290	4,266	
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	161	2,667	
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	1,548	24,628	
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	8	304	
materials	23	36	31	30	32	44	26	38	40	23	19	23	29	22	25	16	21	20	21	24	24	31	20	29	647	









conveying machines			3		4		4	3	4	3	4	6	2	3	2		2	4	3	4	3	5	2	4	65
cars, bus, motorcycle			102		96		93	111	120	109	102	129	114	119	110	132	87	115	119	124	132	128	127	149	2,318
railway vehicle																									
other vehicles			7		9		5	7	4	7	6	5	14	7	5	6	7	2	6	3	2	9	3	7	121
boiler					1				1					1				1							4
pressure vessel			1				1	1	1	1		1	1	1	1	3		1		1	2				16
other pressure vessels			1		2		4	1	1	1	1	2	3	5	1	2	2	2	3		2	3	1	3	40
chemical facilities																									
gas welding equipment																									
arc welding equipment																		1							1
other welding equipment																									
kiln, caldron			2		4		1	3	1	3	2	2	3	1	2	2	2	1	2	5	5		2	1	44
industrial dryer											1		1	1											3
other kiln, caldron			2					1	1		1	1		1	2	1			1	1				1	13
transmission			1		1		1	3	5	4	7	4	4	8	2	2	10	10	11	16	18	11	14	21	153
electric power facilities																			1						1
other electrical			3		1		4	5	2		1	2	3	3	2	1		5	4	5	3	8	8	3	63





water			9		3		8	5	7	7	2	5	40	7	3	4	2	6	4	5	6	10	4	2	139
abnormal environment			3		2		1			1				2					1	6		2			18
high/cold temperature environment			11		6			9	2	3	5	6	8	9	9	4		2	5	4	6	5	3	12	109
other environments			122		105		108	114	125	97	87	124	130	119	112	160	122	120	127	135	115	155	150	181	2,508
other causal agent			392		391		415	432	465	546	376	405	460	419	436	373	420	365	431	402	422	3,425	6,908	473	17,956
no causal agent			251		427		394	374	430	427	522	474	516	542	539	551	582	598	610	728	651	829	927	955	11,327
unclassifiable			72		41		47	61	69	58	41	40	40	50	38	47	31	24	28	20	14	16	18	19	774
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	4,222	78,622

Workers age of fatal and non-fatal accidents in medical treatment service in 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
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	16	406
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	423	11,705
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	483	12,632
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	792	16,259
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	1,234	22,805
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	1,274	14,815
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	4,222	78,622



September	169	167	185	183	203	215	205	213	222	240	210	219	268	226	227	232	243	237	248	286	270	482	624	365	6,139
October	149	187	225	192	251	191	221	238	235	260	203	214	209	229	257	208	229	237	279	293	266	434	401	360	5,968
November	141	137	153	202	190	163	205	182	205	208	181	199	233	205	186	203	228	250	216	232	260	770	330	358	5,637
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	298	5,886
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	4,222	78,622

Prefecture of fatal and non-fatal accidents in medical treatment service in 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
Hokkaido	149	128	147		142		157	151	164	148	135	143	157	143	135	146	164	150	158	149	159	677	551	205	4,258
Aomori	27	19	25		12		15	24	20	27	18	18	35	36	26	33	21	38	33	35	32	28	69	45	636
Iwate	13	15	19		20		19	16	12	27	15	19	41	15	34	23	29	17	18	13	27	31	26	46	495
Miyagi	33	27	37		36		24	45	44	41	30	57	92	63	40	51	29	42	54	55	34	73	109	62	1,078
Akita	21	29	20		42		31	40	24	21	24	21	17	26	18	26	26	30	33	36	19	32	59	30	625
Yamagata	15	13	12		16		15	11	16	15	21	15	22	25	23	32	28	16	24	22	18	49	43	36	487
Fukushima	32	22	35		43		39	46	44	32	36	29	33	35	39	29	38	37	37	45	43	84	169	60	1,007
Ibaraki	34	29	26		40		33	50	31	53	38	30	47	43	51	55	51	55	57	55	61	89	181	56	1,165
Tochigi	16	19	24		22		22	25	28	30	32	21	21	20	25	30	41	24	28	25	24	57	116	45	695
Gunma	28	34	39		26		36	43	44	41	46	34	46	55	42	54	39	45	60	51	50	80	135	52	1,080
Saitama	57	74	77		85		95	115	117	113	112	115	122	131	124	112	94	108	107	121	129	270	574	184	3,036
Chiba	51	58	79		96		85	108	84	113	105	113	120	115	97	94	89	109	128	112	128	216	400	154	2,654
Tokyo	136	140	161		186		169	185	194	201	188	182	177	203	217	177	206	225	218	221	236	824	1,517	300	6,263
Kanagawa	109	103	142		115		115	139	123	125	123	131	142	138	128	137	141	161	150	153	177	429	651	246	3,878

Niigata	23	30	46		58		50	42	61	53	47	45	57	56	41	48	38	54	42	66	60	72	103	66	1,158
Toyama	15	9	19		20		22	33	14	25	21	19	26	21	34	25	24	38	22	31	18	48	37	38	559
Ishikawa	14	21	19		29		26	15	25	19	20	17	18	17	30	13	20	21	27	22	19	44	92	39	567
Fukui	7	15	19		14		19	19	12	19	17	16	21	25	14	20	11	21	15	40	23	24	40	34	445
Yamanashi	13	16	12		25		19	19	25	24	23	18	27	18	17	22	27	22	22	21	31	38	33	29	501
Nagano	17	23	29		30		47	27	43	42	34	36	33	40	38	46	37	44	42	42	27	43	99	45	864
Gifu	14	24	32		15		29	29	25	26	31	21	25	25	31	30	32	29	22	37	33	61	167	44	782
Shizuoka	44	40	62		53		65	59	54	45	64	61	61	55	53	74	61	67	83	80	79	102	182	113	1,557
Aichi	80	81	68		87		95	106	83	79	87	98	105	91	103	112	117	120	117	149	101	235	404	157	2,675
Mie	32	41	31		38		38	30	45	37	48	38	47	55	42	39	47	33	40	49	35	88	151	61	1,065
Shiga	9	16	12		13		18	28	16	25	22	13	27	31	31	18	24	27	22	34	22	54	62	34	558
Kyoto	64	63	71		74		76	93	70	77	86	69	70	76	81	59	62	57	56	68	77	134	233	115	1,831
Osaka	168	176	212		230		214	223	228	257	229	278	249	256	234	220	247	260	254	284	246	506	1,077	356	6,404
Hyogo	68	78	84		103		96	101	88	106	94	110	114	121	129	123	118	118	119	119	126	441	481	154	3,091
Nara	16	16	17		24		30	29	29	35	17	30	32	36	21	36	35	33	30	38	41	71	97	45	758
Wakayama	11	20	13		26		19	25	34	19	20	21	37	22	34	29	22	23	27	25	27	32	59	32	577
Tottori	8	8	5		5		13	13	11	11	9	15	16	13	4	9	9	10	13	10	10	12	6	16	226
Shimane	22	20	22		18		15	13	21	13	12	17	22	16	15	22	13	24	20	25	14	23	26	17	410
Okayama	28	35	33		48		40	43	44	46	53	57	54	53	46	41	57	36	50	73	66	97	153	84	1,237
Hiroshima	61	65	65		55		62	70	81	96	66	84	92	88	88	75	91	92	93	101	106	169	194	105	1,999
Yamaguchi	40	40	54		36		42	42	51	53	46	41	40	40	49	56	58	51	63	59	50	97	185	64	1,257
Tokushima	21	9	12		21		19	16	21	26	28	29	26	36	36	34	29	38	34	43	33	47	103	47	708
Kagawa	17	20	22		31		20	25	19	23	17	25	19	17	17	29	30	20	28	28	31	77	47	26	588

Ehime	26	20	27		31		35	33	42	37	33	43	39	42	50	39	27	50	45	39	49	66	78	41	892
Kochi	43	41	48		47		39	56	47	36	42	34	48	42	47	45	40	56	32	54	57	74	70	64	1,062
Fukuoka	189	186	176		165		184	167	212	193	191	202	207	199	217	243	243	212	260	251	262	502	738	299	5,498
Saga	22	23	39		32		28	29	33	25	26	36	39	34	32	33	41	35	32	58	50	61	80	55	843
Nagasaki	50	32	30		54		72	73	59	113	59	59	37	64	59	56	70	78	75	80	81	107	168	101	1,577
Kumamoto	62	69	71		72		58	71	83	75	73	92	74	69	61	74	66	78	80	105	108	116	155	96	1,808
Oita	23	46	35		50		39	36	46	42	36	35	37	34	28	42	32	38	48	48	31	69	100	60	955
Miyazaki	39	38	32		51		27	35	58	42	39	35	35	43	72	47	48	34	42	48	54	66	88	64	1,037
Kagoshima	65	44	58		68		54	57	69	74	61	74	69	68	64	81	84	111	109	128	114	158	242	137	1,989
Okinawa	16	15	23		26		31	27	36	38	28	30	36	29	40	54	40	34	52	46	50	107	142	63	963
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	4,222	78,622

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more.

Data of 2022 year do not include Covid-19 cases. Data of 2020 & 2021 year include Covid-19 cases. Fatal and non-fatal data are same situation.

Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Data sources: <https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.html> (MHLW, Japan)

Return to [https://www.jisha.or.jp/english/statistics/2022e\\_industry.html](https://www.jisha.or.jp/english/statistics/2022e_industry.html)

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Fatal accidents in medical treatment service in Japan in 1999-2022

medical treatment service industry Code No.1301





construction machine																								
metal manufacturing machine																								
general machine																								
mobile silviculture machine																								
crane									1															1
conveying machine		1			1	1			1									1						5
vehicle	2	1	1		3	1	2				1	1	1	1	1	1		1	1	1	2	1	1	23
pressure vessel																								
chemical facilities																								
welding equipment																								
kiln, caldron																								
electric equipment																								
human power machine, tools																								
tools				2			1										1							4
other equipments, facilities			1										1											2
temporary buildings, establishments	1		2	1						1	1		1						1		1			9
hazards, harmful substances		1												2							5			8
materials																								
load							1																	1
natural environment												37	1						1					39
other causal agent	1			3										1						1	3			9
no causal agent								2	2	1		1					2				1			9













10-29	1				1	1							6						2				6	17	
30-49				1									3	1									1	6	
50-99	2							1					7			1					1			12	
100-299		1		1	3	1	1			1	1	2	5	1	1	2				1	2	1	2	26	
300 workers or more	1	1	2	1	4		1	1	2	1			1	1	1			2				3	1	1	24
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	1	110

Month of fatal accidents in medical treatment service in 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
January	1		1	1							1	1								1			1		7
February					2	1	1			1	1	1				1				1				1	10
March		1				1				1			37	1											41
April					1									1				1				1	2		6
May					2					1									1						4
June	2		1													3						1	2		9
July					2					1				1				1			2				7
August		1						1							1				1						4
September				1			1		1				2		1										6
October				1					1												1	1			4
November					2		1	1									1					1			6
December	1																						5		6
total	4	2	2	3	9	2	3	2	2	4	2	2	39	3	2	4	1	2	2	2	3	4	10	1	110



Nagano					1											1		1					3
Gifu																							
Shizuoka						1						1											2
Aichi				1		1															1		3
Mie			2																				2
Shiga																			1				1
Kyoto								1															1
Osaka	1				3																5		9
Hyogo			1							1									1	1			4
Nara								1				1											2
Wakayama																					1		1
Tottori																							
Shimane																							
Okayama																							
Hiroshima																							
Yamaguchi	1																						1
Tokushima																			1				1
Kagawa																							
Ehime																							
Kochi																				1			1
Fukuoka																							1
Saga																							
Nagasaki					1					1										1			3

