

## Industrial accidents in hospital in Japan in 1999-2020

hospital industry Code No.130101

### Type of accidents in hospital in 1999-2020

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
fall from height	169	154	177	153	205	170	153	174	163	165	144	143	186	175	162	168	181	197	181	169	183	228
falling to same level	578	580	655	591	658	672	711	737	674	745	708	784	839	837	824	866	806	886	899	1,055	971	1,124
crash	61	78	87	72	87	80	70	88	88	97	71	86	67	95	81	92	101	108	121	105	113	135
struck by flying or falling object	33	30	34	27	34	39	25	31	24	31	33	22	28	20	25	25	22	38	27	23	26	33
collapse	8	15	10	15	7	6	9	8	12	4	6	10	7	9	13	10	10	13	4	12	11	16
crashed by	67	63	67	70	63	77	71	91	79	78	59	81	63	68	76	69	94	78	93	94	84	78
caught in/between	79	92	96	104	100	106	95	118	97	89	100	96	83	93	84	83	85	85	91	118	97	115
cut	110	113	117	118	122	127	91	89	81	82	54	83	58	64	52	61	54	48	59	48	43	46
injury to the sole of the foot	0	2	2	-	1	2	1	2	0	0	4	2	0	0	3	0	1	1	3	0	0	0
drown	1	0	0	-	0	-	0	0	0	0	0	0	8	0	0	0	0	1	0	0	1	1

contact to high/low-temperature	46	44	42	41	39	41	30	39	34	26	28	29	33	32	30	23	23	25	21	28	32	29
contact to harmful substance	14	14	18	16	15	11	14	17	9	18	15	10	21	10	6	12	14	3	6	14	3	3
electric shock	2	2	0	2	0	-	2	0	2	1	0	0	0	0	0	2	0	1	0	0	0	0
explosion	0	0	0	1	2	-	0	6	0	0	0	0	0	0	1	1	0	0	0	0	0	1
burst	0	0	1	-	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0
fire	0	0	0	3	0	1	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0
traffic accident (public road)	29	32	50	32	45	48	38	55	44	41	33	42	34	43	36	49	28	43	38	42	41	38
traffic accident (others)	2	2	1	2	1	-	0	2	1	0	0	1	0	0	0	1	0	3	0	0	0	5
reaction to motion/improper motion	461	443	500	543	619	579	606	569	717	703	681	671	730	668	689	696	753	758	830	849	781	958
others	114	112	122	131	123	112	146	152	175	184	110	118	148	144	146	110	115	118	114	159	137	3,019
unclassifiable	38	32	39	22	25	31	25	30	22	34	25	16	28	24	21	40	26	24	17	17	18	13
total	1,812	1,808	2,018	1,943	2,147	2,103	2,087	2,208	2,222	2,300	2,073	2,194	2,333	2,282	2,250	2,308	2,313	2,430	2,504	2,733	2,543	5,842

Causal agents (middle) of industrial accidents in hospital in 1999-2020

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	
engine	0	0	0	-	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
power transmission mechanism	0	3	0	2	1	-	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	1	
woodworking machine	2	3	3	-	0	6	4	2	1	1	1	0	2	0	1	0	1	1	0	3	1	0	
construction machine	0	0	3	-	0	-	0	11	0	0	0	0	1	1	0	0	0	0	1	0	0	0	
metal manufacturing machine	1	2	2	-	1	-	2	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	
general machine	37	47	48	46	43	46	30	37	32	29	26	23	14	29	17	34	19	24	18	14	23	19	
mobile silviculture machine																	0	0	0	0	0	0	
crane	5	3	5	6	1	4	4	9	3	8	8	4	6	1	5	3	7	6	4	4	2	3	
conveying	11	7	4	12	8	10	11	8	11	5	5	9	4	8	5	5	5	5	7	10	3	7	4

















hauling equipment			61		71		65	80	89	86	80	104	76	94	78	93	106	113	123	141	114	131
human power machine			0		0		0	3	0	0	1	1	1	0	1	0	1	0	1	0	1	1
hand tool			55		63		48	38	35	44	35	37	30	37	22	33	25	23	36	27	19	23
ladder			34		43		35	33	30	40	29	34	45	32	54	35	40	33	43	41	37	47
slinging tool			0		0		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
other tools			75		85		88	103	90	104	80	94	93	87	88	97	108	124	129	120	133	138
other equipment, facilities			76		50		71	79	78	76	76	99	97	86	92	91	113	97	95	114	105	122
scaffolding			1		0		2	1	3	0	0	2	1	2	1	0	1	0	1	1	0	1
timbering			0		1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
stairs, landing stage			158		172		166	153	149	155	145	160	175	161	150	164	164	183	163	161	179	220
opening			1		3		2	2	2	2	2	2	2	2	1	4	3	4	1	3	2	3
roof, beam, haze, crossbeam, principal rafter			1		4		3	1	2	0	4	2	0	0	0	2	3	5	1	3	0	1
working platform, boot board			76		88		70	84	89	115	91	86	92	97	101	112	79	85	93	102	91	101
passage			325		340		391	396	353	386	369	393	428	413	407	413	405	475	454	565	501	623
building,			75		78		57	87	81	67	61	63	79	81	87	58	65	61	68	74	61	68





30-39	283	259	305	321	377	319	368	349	390	417	357	360	408	375	364	363	356	328	332	328	342	1,038
40-49	376	389	424	418	460	453	435	461	469	471	426	454	477	458	448	486	483	477	520	564	451	1,232
50-59	536	564	630	623	652	678	697	729	748	758	666	709	720	700	691	707	719	796	764	849	794	1,314
60 years old or more	239	216	265	211	260	249	274	304	268	338	362	405	479	486	500	520	531	600	618	737	728	1,046
total	1,812	1,808	2,018	1,943	2,147	2,103	2,087	2,208	2,222	2,300	2,073	2,194	2,333	2,282	2,250	2,308	2,313	2,430	2,504	2,733	2,543	5,842

#### Workers' number of workplace of industrial accidents in hospital in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	68	69	87	65	69	64	57	66	75	86	60	69	85	78	64	65	62	60	64	56	52	83
10-29	84	88	87	77	93	73	75	81	68	66	70	68	79	59	56	59	59	46	66	56	52	79
30-49	69	59	80	69	74	66	66	78	80	73	65	64	74	39	58	73	58	65	57	72	48	82
50-99	241	221	250	235	233	259	246	267	223	246	197	226	221	216	196	190	219	237	210	227	219	349
100-299	884	888	982	980	1,030	1,020	971	1,008	1,115	1,090	1,046	1,060	1,049	1,017	1,100	1,063	1,004	1,060	1,101	1,143	1,138	1,897
300 workers or more	466	483	532	517	648	621	672	708	661	739	635	707	825	873	776	858	911	962	1,006	1,179	1,034	3,352
total	1,812	1,808	2,018	1,943	2,147	2,103	2,087	2,208	2,222	2,300	2,073	2,194	2,333	2,282	2,250	2,308	2,313	2,430	2,504	2,733	2,543	5,842

#### Month of industrial accidents in hospital in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	142	171	215	160	173	190	183	220	160	174	169	190	180	235	206	204	187	233	200	250	210	220
February	164	165	160	159	180	195	172	181	169	217	180	206	201	215	180	205	199	207	224	250	204	213
March	147	160	138	175	207	204	157	177	196	195	166	182	193	207	163	206	195	170	232	183	193	311
April	159	138	148	149	176	166	163	149	195	172	160	181	187	190	230	188	205	191	192	252	200	744
May	154	137	188	166	184	169	152	218	214	157	187	170	230	168	167	194	180	203	210	222	207	433
June	159	191	191	162	179	209	171	195	210	260	204	203	198	180	209	222	195	233	218	240	257	345
July	172	146	164	189	181	192	196	194	220	216	192	198	204	215	215	214	231	225	249	277	262	430
August	179	143	166	179	181	161	177	191	211	200	187	188	224	199	203	220	186	198	229	229	231	559
September	149	144	161	155	174	180	173	173	176	188	179	170	204	178	179	195	196	199	191	231	212	390
October	135	168	195	160	211	158	192	192	190	200	159	172	162	181	190	152	188	198	225	233	203	370
November	125	116	130	164	162	137	171	156	174	166	149	170	192	161	135	173	180	200	178	185	196	679
December	127	129	162	125	139	142	180	162	107	155	141	164	158	153	173	135	171	173	156	181	168	1,148
total	1,812	1,808	2,018	1,943	2,147	2,103	2,087	2,208	2,222	2,300	2,073	2,194	2,333	2,282	2,250	2,308	2,313	2,430	2,504	2,733	2,543	5,842

Prefecture of industrial accidents in hospital in 1999-2020

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Hokkaido	138	111	127		128		135	138	141	132	121	135	136	129	115	118	143	129	136	133	131	641
Aomori	25	17	19		11		13	20	14	15	16	15	30	30	22	27	17	32	27	28	24	18

Iwate	13	12	16		17		16	14	9	22	7	14	21	13	26	16	26	11	12	10	17	26
Miyagi	26	19	29		24		17	35	28	28	16	27	43	44	30	39	24	29	45	39	24	45
Akita	19	25	19		40		27	34	23	20	18	18	13	21	18	23	20	28	29	28	17	26
Yamagata	10	10	9		12		12	7	13	13	15	10	19	18	18	25	25	14	19	15	12	42
Fukushima	27	18	31		38		38	34	40	23	30	26	23	25	32	18	30	33	27	35	28	75
Ibaraki	33	25	26		36		30	40	28	43	31	19	35	31	38	39	43	48	48	40	46	72
Tochigi	13	15	20		21		20	22	21	26	24	16	17	18	19	27	33	21	26	19	18	49
Gunma	24	28	33		23		31	39	39	35	39	25	39	45	33	39	31	33	45	45	42	73
Saitama	50	65	59		63		76	77	82	78	84	84	84	81	75	82	70	82	82	94	93	222
Chiba	48	54	69		81		70	98	76	104	92	99	93	94	86	78	70	87	108	92	95	191
Tokyo	121	122	139		157		145	157	144	163	151	135	140	162	171	139	160	181	168	178	175	718
Kanagawa	96	92	115		97		94	98	108	95	95	89	107	102	93	99	109	124	117	117	133	370
Niigata	19	25	39		47		47	36	57	43	39	38	50	50	35	46	27	46	39	57	51	64
Toyama	12	9	16		17		19	31	12	24	17	14	24	17	28	17	20	33	20	26	17	43
Ishikawa	14	19	17		27		22	14	23	16	19	15	12	14	25	10	17	16	24	16	16	38
Fukui	7	12	16		13		13	13	9	15	15	15	15	19	12	15	9	20	10	37	19	22
Yamanashi	12	12	10		19		16	17	19	23	15	15	24	17	12	20	25	18	20	17	28	34
Nagano	15	20	23		22		40	18	37	37	22	29	30	33	31	36	28	38	34	35	22	34
Gifu	13	23	26		13		25	22	18	19	24	14	18	17	25	25	24	16	13	22	27	51
Shizuoka	37	34	49		43		54	55	45	32	51	47	49	40	33	57	54	55	60	64	61	68



Aichi	70	62	57		70		75	80	58	54	66	73	84	69	76	88	91	80	85	114	70	185
Mie	30	36	31		31		33	30	39	33	41	30	43	41	35	32	40	30	32	43	33	83
Shiga	6	9	9		7		12	21	9	18	18	12	20	25	28	16	17	18	16	28	18	46
Kyoto	57	54	57		61		55	81	53	56	62	58	52	61	64	51	55	48	50	49	64	114
Osaka	158	153	193		197		186	167	183	201	167	228	207	199	164	169	183	191	199	205	166	436
Hyogo	59	71	78		90		71	88	69	90	83	84	94	91	105	94	94	93	89	97	94	385
Nara	16	16	15		21		26	19	25	30	16	29	28	32	15	27	22	26	25	29	19	59
Wakayama	10	19	12		22		14	20	25	17	16	17	29	17	28	27	19	15	21	21	23	26
Tottori	7	5	5		5		9	8	7	9	9	13	14	12	4	7	6	8	11	8	9	11
Shimane	17	18	18		17		13	8	17	10	9	14	17	12	14	17	12	18	14	18	9	17
Okayama	26	28	29		41		33	34	37	39	41	50	38	44	41	37	47	32	46	66	62	82
Hiroshima	49	55	53		48		49	58	63	70	50	72	76	70	66	60	76	82	73	77	85	156
Yamaguchi	33	34	47		29		34	32	38	49	36	37	34	30	38	41	43	41	50	52	37	90
Tokushima	19	8	11		14		17	16	16	22	19	22	23	28	24	28	24	28	28	32	29	36
Kagawa	13	16	19		29		17	25	17	20	16	17	15	14	13	21	26	14	26	25	30	65
Ehime	26	19	26		28		33	28	35	35	25	36	35	35	38	34	22	46	34	34	36	46
Kochi	41	40	43		44		35	53	44	35	41	34	47	38	45	39	37	51	31	53	56	72
Fukuoka	167	166	153		148		150	142	182	156	154	161	182	178	185	209	201	174	202	208	211	434
Saga	15	20	38		26		25	20	26	23	24	30	27	23	23	30	32	32	28	46	41	40
Nagasaki	40	28	25		43		64	66	53	100	54	53	33	58	51	50	63	69	69	70	74	103







vehicle	1	1	1	0	2	1	2	0	0	0	0	0	1	1	0	0	0	0	0	0	1	2
pressure vessel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chemical facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
tools	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
other equipments, facilities	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
temporary buildings, establishments	1	0	0	2	1	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0
hazards, harmful substances	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
materials	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
natural environment	0	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0	0	0	0	0	1	0
other causal agent	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	0	0	2	1	1	0	1	0	0	0	0	2	0	0	0	1
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	0	2	1	0	3	4















water	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0	1	0
abnormal environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
high/cold temperature environment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other causal agent	1	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	0	0	2	1	1	0	1	0	0	0	0	2	0	0	0	0	1
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	0	2	1	0	3	4	

Workers age of fatal accidents in hospital in 1999-2020

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
19 years old or less	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20-29	0	0	1	1	1	0	1	0	0	0	0	0	3	0	0	0	0	1	0	0	0	1
30-39	0	0	0	0	2	1	1	0	1	0	0	0	2	0	0	1	0	0	0	0	0	0
40-49	0	0	1	0	0	0	0	0	1	0	0	0	4	0	0	1	0	0	0	0	0	0
50-59	1	0	0	2	3	0	0	0	0	1	1	0	2	1	1	0	0	1	0	0	0	1
60 years old or more	2	1	0	0	1	0	1	1	0	1	1	1	3	2	0	1	0	0	1	0	3	2
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	0	2	1	0	3	4

Workers' number of workplace of fatal accidents in hospital in 1999-2020

Workers scale	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
9 workers or less	0	0	0	0	0	0	1	0	0	0	1	0	3	0	0	1	0	0	0	0	0	0
10-29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
30-49	0	0	0	1	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0
50-99	2	0	0	0	0	0	0	1	0	0	0	0	2	0	0	0	0	0	0	0	1	0
100-299	0	1	0	1	3	1	1	0	0	1	1	1	4	1	1	2	0	0	0	0	2	1
300 workers or more	1	0	2	1	4	0	1	0	2	1	0	0	1	1	0	0	0	2	0	0	0	3
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	0	2	1	0	3	4

Month of fatal accidents in hospital in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	1	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
February	0	0	0	0	2	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0
March	0	0	0	0	0	1	0	0	0	1	0	0	12	1	0	0	0	0	0	0	0	0
April	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1
May	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1





Wakayama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tottori	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shimane	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Okayama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hiroshima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yamaguchi	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tokushima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kagawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehime	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kochi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Fukuoka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Saga	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nagasaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Kumamoto	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Oita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
Kagoshima	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Okinawa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	0	2	1	0	3	4



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

Return to [https://www.jisha.or.jp/english/statistics/2020e\\_industry.html](https://www.jisha.or.jp/english/statistics/2020e_industry.html)