hospital industry Code No.130101

Type of accidents in hospital in 1999-2021

				1						1						1									
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	169	154	177	153	205	170	153	174	163	165	144	143	186	175	162	168	181	197	181	169	183	228	225	4,025	fall from height
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	1,220	18,420	falling to same level
crash	61	78	87	72	87	80	70	88	88	97	71	86	67	95	81	92	101	108	121	105	113	135	115	2,098	crash
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	30	660	struck by flying or falling object
collapse	8	15	10	15	7	6	9	8	12	4	6	10	7	9	13	10	10	13	4	12	11	16	9	224	collapse
crashed by	67	63	67	70	63	77	71	91	79	78	59	81	63	68	76	69	94	78	93	94	84	78	94	1,757	crashed by
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	111	2,217	caught in/between
cut	110	113	117	118	122	127	91	89	81	82	54	83	58	64	52	61	54	48	59	48	43	46	50	1,770	cut
injury to the sole of the foot		2	2		1	2	1	2			4	2			3		1	1	3				2	26	injury to the sole
drown	1												8					1			1	1		12	drown
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	21	736	contact to high/low- temperature
contact to harmful	14	14	18	16	15	11	14	17	9	18	15	10	21	10	6	12	14	3	6	14	3	3	10	273	contact to harmful

substance																									substance
electric shock	2	2		2			2		2	1						2		1						14	electric shock
explosion				1	2			6							1	1						1	2	14	explosion
burst			1		1	1				1					1						1			6	burst
fire				3		1				1	2										1			8	fire
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	38	919	traffic accident (public road)
traffic accident (others)	2	2	1	2	1			2	1			1				1		3				5	1	22	traffic accident (others)
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	1,050	15,854	reaction to motion/improper motion
others	114	112	122	131	123	112	146	152	175	184	110	118	148	144	146	110	115	118	114	159	137	3,019	5,774	11,583	others
unclassifiable	38	32	39	22	25	31	25	30	22	34	25	16	28	24	21	40	26	24	17	17	18	13	13	580	unclassifiable
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	8,765	61,218	total

Causal agents (large) of fatal and non-fatal accidents in hospital 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	II I	Causal (L) agents
machine	40	55	56	48	46	53	36	50	33	32	28	24	19	31	18	34	21	26	19	17	24	21	15	746	machine
crane, conveying machine	64	55	81	67	74	78	70	88	67	71	60	70	74	63	59	79	57	78	77	69	73	75	62	1,611	crane, conveying machine
other equipment	271	284	308	330	320	320	315	349	333	359	312	378	353	355	343	359	404	410	442	465	440	491	531	8,472	other

																									equipment
temporary buildings, establishments	624	642	706	651	754	724	750	781	739	774	727	761	822	809	808	812	783	878	854	983	903	1,090	1,122	18,497	temporary buildings, establishments
substance, material	35	41	36	37	44	51	28	48	34	30	27	24	32	21	28	20	26	19	25	25	25	34	21	711	substance, material
load	48	39	65	46	54	54	38	51	66	44	53	38	48	45	29	44	43	51	46	52	49	62	68	1,133	load
environment	89	78	122	92	105	108	103	101	127	89	82	117	119	112	109	135	108	121	115	124	99	140	130	2,525	environment
others	641	614	644	672	750	715	747	740	823	901	784	782	866	846	856	825	871	847	926	998	930	3,929	6,816	27,523	others
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	8,765	61,218	total

Causal agents (middle) of fatal and non-fatal accidents in hospital 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		Causal (M) agents
engine					1	1						1										1		4	engine
power transmission mechanism		3		2	1					1			1				1					1			power transmission mechanism
woodworking machine	2	3	3			6	4	2	1	1	1		2		1		1	1		3	1		3	35	woodworking machine
construction machine			3					11					1	1					1					17	construction machine
metal manufacturing machine	1	2	2		1		2			1	1		1	1				1						13	metal manufacturing machine

general machine	37	47	48	46	43	46	30	37	32	29	26	23	14	29	17	34	19	24	18	14	23	19	12	667	general machine
mobile silviculture machine																									mobile silviculture machine
crane	5	3	5	6	1	4	4	9	3	8	8	4	6	1	5	3	7	6	4	4	2	3	2	103	crane
conveying machine	11	7	4	12	8	10	11	8	11	5	5	9	4	8	5	5	5	7	10	3	7	4	2	161	conveying machine
vehicle	48	45	72	49	65	64	55	71	53	58	47	57	64	54	49	71	45	65	63	62	64	68	58	1,347	vehicle
pressure vessel	1	4	2	2	3	3	3	2	3	2	1	1	2	6	2	4	2	3	3		1	1	1	52	pressure vessel
chemical facilities																									chemical facilities
welding equipment																		1						1	welding equipment
kiln, caldron	1	2	2	7	3	1		4	1	3	4	3	2	3	4	3	2	1	2	6	6		2	62	kiln, caldron
electric equipment	6	5	3	3	2	3	5	7	7	4	6	5	7	9	2	3	7	15	10	16	16	16	20	177	electric equipment
human power machine, tools	93	107	116	135	134	135	113	121	124	130	116	142	107	131	101	126	132	136	160	168	142	167	158	2,994	human power machine, tools
tools	107	96	109	109	128	112	123	136	120	144	109	128	138	120	142	132	148	157	172	161	170	185	206	3,152	tools
other equipments,	63	70	76	74	50	66	71	79	78	76	76	99	97	86	92	91	113	97	95	114	105	122	144	2,034	other equipments, facilities
temporary buildings, establishments	624	642	706	651	754	724	750	781	739	774	727	761	822	809	808	812	783	878	854	983	903	1,090	1,122	18,497	temporary buildings, establishments

hazards, harmful substances	15	11	11	11	15	15	7	19	6	12	10	8	10	8	9	10	8	6	10	6	4	5	6	222	hazards, harmful substances
materials	20	30	25	26	29	36	21	29	28	18	17	16	22	13	19	10	18	13	15	19	21	29	15	489	materials
load	48	39	65	46	54	54	38	51	66	44	53	38	48	45	29	44	43	51	46	52	49	62	68	1,133	load
natural environment	89	78	122	92	105	108	103	101	127	89	82	117	119	112	109	135	108	121	115	124	99	140	130	2,525	natural environment
other causal agent	345	332	359	365	346	342	365	371	396	476	314	348	394	359	374	316	352	318	379	352	357	3,223	6,024	16,807	other causal agent
no causal agent	235	230	219	264	368	326	348	319	376	372	432	399	438	441	449	468	497	508	523	634	562	692	778	9,878	no causal agent
unclassifiable	61	52	66	43	36	47	34	50	51	53	38	35	34	46	33	41	22	21	24	12	11	14	14	838	unclassifiable
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	8,765	61,218	total

Causal agents (small) of fatal and non-fatal accidents in hospital 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				1		1			1			2	11	circular sawing machine
band sawing machine																					1		1	2	band sawing machine
wood planer machine			1					1																2	wood planer machine

		or .	 		-1			or .	0			 	 	or .		 		
hollow chisel																		hollow chisel
mortiser, wood																		mortiser, wood
borer																		borer
chamfering																		chamfering
machine, router,																		machine, router,
woodworking																		woodworking
milling machine																		milling machine
chain saw					1	1	1			2					1		6	chain saw
other woodworking								1					1		1			other woodworking
machines								I							I		3	machines
leveling,																		leveling,
transporting or		1				11								1			13	transporting or
loading machine																		loading machine
excavating machine																		excavating machine
foundation work																		foundation work
machine																		machine
hardening machine																		hardening machine
demolition machine																		demolition machine
vehicle for high lift																		vehicle for high lift
work		I																work
other construction		1								1	1							other construction
machines										1							3	machines
lathe																		lathe
drill press, milling																		drill press, milling
machine																		machine
grinding machine,				İ		ĺ												grinding machine,

buffing machine			1	2											1						4	buffing machine
power press																						power press
forging pressure hammer																						forging pressure
shearing machine																						shearing machine
other metal manufacturing machines		2					1	1		1	1										6	other metal manufacturing machines
centrifugal machine																						centrifugal machine
mixer, grinder			2	2	1	2					1		1					2		1	12	mixer, grinder
roll machine (except printingroll machine)																						roll machine (except printingroll machine)
injection molding machine																						injection molding machine
food manufacturing machine		25	26	15	22	17	21	18	11	7	22	13	20	13	15	13	9	9	11	7	294	food manufacturing machine
printing machine																						printing machine
industrial robot												1					1				2	industrial robot
other general power machines		23	15	13	14	13	8	8	12	7	6	3	13	6	9	5	4	12	8	4	183	other general power machines
felling machine																						felling machine
mobile logging machine																						mobile logging machine
skyline yarding																						skyline yarding

machine																						machine
other mobile silviculture machine																						other mobile silviculture machine
crane																						crane
mobile crane										1											1	mobile crane
derrick crane																						derrick crane
elevator, lift		4	1	4	9	3	7	7	4	5	1	5	3	7	5	4	4	2	3	2	80	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						3	other powered crane
truck		1	3	2	3	6	2	1	3	1	3	2	3	2	2	6		2		1	43	truck
forklift																						forklift
railway equipment																						railway equipment
conveyor		1	1	5	2	2		1		1	2	1	2	1		1		2			22	conveyor
loader															1						1	loader
straddle carrier																						straddle carrier
rough terrain hauler																						rough terrain hauler
other powered		2	4	4	3	3	3	3	6	2	3	2		2	4	3	3	3	4	1	55	other powered

conveying machines																						conveying machines
cars, bus, motorcycle		68	62	52	67	51	55	45	56	53	49	45	66	39	64	62	60	64	62	55	1,075	cars, bus, motorcycle
railway vehicle																						railway vehicle
other vehicles		4	3	3	4	2	3	2	1	11	5	4	5	6	1	1	2		6	3	66	other vehicles
boiler			1			1					1				1						4	boiler
pressure vessel		1		1	1	1	1			1	1	1	2								10	pressure vessel
other pressure vessels		1	2	2	1	1	1	1	1	1	4	1	2	2	2	3		1	1	1	28	other pressure vessels
chemical facilities																						chemical facilities
gas welding equipment																						gas welding equipment
arc welding equipment															1						1	arc welding equipment
other welding equipment																						other welding equipment
kiln, caldron			3		3	1	3	2	2	1	1	2	2	2	1	2	5	5		2	37	kiln, caldron
industrial dryer								1		1	1										3	industrial dryer
other kiln, caldron		2			1			1	1		1	2	1				1	1			11	other kiln, caldron
transmission		1	1	1	2	5	4	5	4	4	6	2	2	7	10	8	12	13	8	13	108	transmission
electric power																1					1	electric power facilities
other electrical equipment		2	1	4	5	2		1	1	3	3		1		5	1	4	3	8	7	51	other electrical equipment
human power																		8	12	17	37	human power

cranes																						cranes
human power hauling equipment		61	71	65	80	89	86	80	104	76	94	78	93	106	113	123	141	114	131	115	1,820	human power hauling equipment
human power machine					3			1	1	1		1		1		1		1	1	2	13	human power machine
hand tool		55	63	48	38	35	44	35	37	30	37	22	33	25	23	36	27	19	23	24	654	hand tool
ladder		34	43	35	33	30	40	29	34	45	32	54	35	40	33	43	41	37	47	39	724	ladder
slinging tool											1										1	slinging tool
other tools		75	85	88	103	90	104	80	94	93	87	88	97	108	124	129	120	133	138	167	2,003	other tools
other equipment,		76	50	71	79	78	76	76	99	97	86	92	91	113	97	95	114	105	122	144	1,761	other equipment,
scaffolding		1		2	1	3			2	1	2	1		1		1	1		1	2	19	scaffolding
timbering			1																1	1	3	timbering
stairs, landing stage		158	172	166	153	149	155	145	160	175	161	150	164	164	183	163	161	179	220	233	3,211	stairs, landing stage
opening		1	3	2	2	2	2	2	2	2	2	1	4	3	4	1	3	2	3	6	47	opening
roof, beam, haze, crossbeam, principal rafter		1	4	3	1	2		4	2				2	3	5	1	3		1		32	roof, beam, haze, crossbeam, principal rafter
working platform,		76	88	70	84	89	115	91	86	92	97	101	112	79	85	93	102	91	101	82	1,734	working platform, boot board
passage		325	340	391	396	353	386	369	393	428	413	407	413	405	475	454	565	501	623	646	8,283	passage
building, establishment		75	78	57	87	81	67	61	63	79	81	87	58	65	61	68	74	61	68	60	1,331	building, establishment
other temporary buildings, establishments		69	68	59	57	60	49	55	53	45	53	61	59	63	65	73	74	69	72	92	1,196	other temporary buildings, establishments

inflammable substance					لـــــا						ш								IL		1
substance Inflammable gas Inflammable gas<	substance									2	3									5	explosive substance
harmful substance	ole							1				1							1	3	inflammable substance
radiation	ole gas	1	1	2	1	1												1		6	inflammable gas
Other hazards, harmful substances 5	bstance	6 4	4 2	9	3	1	5	2	2	1	1	3	3	2	2	1			3	50	harmful substance
harmful substances							1			1		1								3	radiation
lumber, bamboo 1 3 1 2 2 1 3 2 3 2 1 2 1 2 3 2 3 2 1 2 1 2 3 2 1 2 1 2 3 2 3 2 1 2 1 1 1 1 1 4 1 2 31 lum store, sand, substance 4 2 2 1 1 1 1 1 4 1 3 25 store substance other materials 17 19 11 18 17 11 10 12 10 8 12 5 11 5 7 11 8 16 7 215 other load 61 52 38 51 58 42 51 37 45 43 28 41 39 46 45 48		5	10 5	8	2	10	4	5	8	4	5	5	5	4	8	5	4	4	2	103	other hazards, harmful substances
stone, sand, substance	erial	3 5	5 7	9	8	5	5	4	8	2	3	3	5	6	6	4	8	9	6	106	metal material
substance 4 2 2 1 2 1 1 1 1 1 4 1 3 25 substance other materials 17 19 11 18 17 11 10 12 10 8 12 5 11 5 7 11 8 16 7 215 other load 61 52 38 51 58 42 51 37 45 43 28 41 39 46 45 48 46 61 66 898 load machine/equipment as load 4 2 8 2 2 1 3 2 1 4 4 3 1 2 48 as load natural ground, rock 4 4 3 2 9 2 2 3 1 1 3 1 4 2 2 60 natural ground, rock	amboo	1 3	3 1	2	2		1		3	2	3	2	1	2	1		4	1	2	31	lumber, bamboo
load		4	2 2		1	2	1		1	1	1		1		1	4	1	3		25	stone, sand, substance
machine/equipment as load 4 2 8 2 2 1 3 2 1 3 4 5 1 4 3 1 2 48 as load natural ground, rock 4 4 3 2 9 2 2 3 1 3 2 60 natural ground, rock standing tree 1 3 2 1 4 2 2 3 1 1 3 1 2 2 60 natural ground, rock 1 3 2 1 4 2 2 3 1 1 3 1 2 2 60 natural ground, rock 1 3 2 1 4 2 2 3 1 1 3 1 1 2 3 30 stand water 7 3 8 4 7 5 2 5 12 5 3 3	erials	17 19	19 11	18	17	11	10	12	10	8	12	5	11	5	7	11	8	16	7	215	other materials
as load		61 52	52 38	51	58	42	51	37	45	43	28	41	39	46	45	48	46	61	66	898	load
rock 4 4 3 2 9 2 2 3 1 3 2 8 2 6 1 4 2 2 60 rock standing tree 1 3 2 1 4 2 2 3 1 1 3 1 2 3 30 standing tree water 7 3 8 4 7 5 2 5 12 5 3 3 2 5 3 3 4 7 4 92 water abnormal environment 2 2 1 1 1 2 1 6 2 17 abn environment high/cold 1 0	quipment	4	2		8	2	2	1	3	2	1	3	4	5	1	4	3	1	2	48	machine/equipment
water 7 3 8 4 7 5 2 5 12 5 3 3 2 5 3 3 4 7 4 92 water abnormal environment 2 2 1 1 1 2 1 6 2 17 environment high/cold 1 6 2 1 6 1 1 6 1 6 1 7 6 1 7 6 1 7 6 1 7 6 1 7 6 1 7 6 9 <td< td=""><td>ound,</td><td>4</td><td>4 3</td><td>2</td><td>9</td><td>2</td><td>2</td><td>3</td><td>1</td><td>3</td><td>2</td><td>8</td><td>2</td><td>6</td><td>1</td><td>4</td><td>2</td><td></td><td>2</td><td>60</td><td>natural ground, rock</td></td<>	ound,	4	4 3	2	9	2	2	3	1	3	2	8	2	6	1	4	2		2	60	natural ground, rock
abnormal 2 2 1 1 2 1 6 2 17 environment 1 6 6 17 environment 1 6 6 6 6 6 6 6 6 6	ree	1 3	3 2	1			4	2	2	3	1	1	1	3	1		2		3	30	standing tree
environment 2 2 1 1 2 1 6 2 17 environment high/cold high/cold		7 3	3 8	4	7	5	2	5	12	5	3	3	2	5	3	3	4	7	4	92	water
		2 2	2 1			1				2					1	6		2		17	abnormal environment
		6 5	5	7	1	1	5	5	8	7	7	4		1	5	2	5	5	2	76	high/cold temperature environment

other environments		102	88	89	87	110	80	69	102	96	92	96	119	103	106	104	109	86	126	119	1,883	other environments
other causal agent		359	346	365	371	396	476	314	348	394	359	374	316	352	318	379	352	357	3,223	6,024	15,423	other causal agent
no causal agent		219	368	348	319	376	372	432	399	438	441	449	468	497	508	523	634	562	692	778	8,823	no causal agent
unclassifiable		66	36	34	50	51	53	38	35	34	46	33	41	22	21	24	12	11	14	14	635	unclassifiable
total		2,018	2,147	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	8,765	53,552	total

Workers age of fatal and non-fatal accidents in hospital 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	18	22	19	19	13	21	14	12	11	10	2	10	8	16	14	13	10	12	14	6	12	13	26	315	19 years old or less
20-29	360	358	375	351	385	383	299	353	336	306	260	256	241	247	233	219	214	217	256	249	216	1,199	2,030	9,343	20-29
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	1,621	9,960	30-39
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	1,850	12,682	40-49
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	1,803	17,847	50-59
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	1,435	11,071	60 years old or more
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	8,765	61,218	total

Workers' number of workplace of fatal and non-fatal accidents in hospital 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	68	69	87	65	69	64	57	66	75	86	60	69	85	78	64	65	62	60	64	56	52	83	89	1,593	9 workers or less
10-29	84	88	87	77	93	73	75	81	68	66	70	68	79	59	56	59	59	46	66	56	52	79	124	1,665	10-29
30-49	69	59	80	69	74	66	66	78	80	73	65	64	74	39	58	73	58	65	57	72	48	82	137	1,606	30-49

50-99	241	221	250	235	233	259	246	267	223	246	197	226	221	216	196	190	219	237	210	227	219	349	448	5,576	50-99
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	3,011	26,657	100-299
300 workers or	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	4 956	24,121	300 workers or
more	100	103	332	317	0-10	021	0,2	700			033	, , ,	023	0,3	//0			502	1,000	1,175	1,054	3,332	1,550		more
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	8,765	61,218	total

Month of fatal and non-fatal accidents in hospital 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	142	171	215	160	173	190	183	220	160	174	169	190	180	235	206	204	187	233	200	250	210	220	2,211	6,483	January
February	164	165	160	159	180	195	172	181	169	217	180	206	201	215	180	205	199	207	224	250	204	213	1,345	5,591	February
March	147	160	138	175	207	204	157	177	196	195	166	182	193	207	163	206	195	170	232	183	193	311	713	4,870	March
April	159	138	148	149	176	166	163	149	195	172	160	181	187	190	230	188	205	191	192	252	200	744	849	5,384	April
May	154	137	188	166	184	169	152	218	214	157	187	170	230	168	167	194	180	203	210	222	207	433	720	5,030	May
June	159	191	191	162	179	209	171	195	210	260	204	203	198	180	209	222	195	233	218	240	257	345	322	4,953	June
July	172	146	164	189	181	192	196	194	220	216	192	198	204	215	215	214	231	225	249	277	262	430	382	5,164	July
August	179	143	166	179	181	161	177	191	211	200	187	188	224	199	203	220	186	198	229	229	231	559	868	5,509	August
September	149	144	161	155	174	180	173	173	176	188	179	170	204	178	179	195	196	199	191	231	212	390	504	4,701	September
October	135	168	195	160	211	158	192	192	190	200	159	172	162	181	190	152	188	198	225	233	203	370	322	4,556	October
November	125	116	130	164	162	137	171	156	174	166	149	170	192	161	135	173	180	200	178	185	196	679	256	4,355	November
December	127	129	162	125	139	142	180	162	107	155	141	164	158	153	173	135	171	173	156	181	168	1,148	273	4,622	December
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	8,765	61,218	total

Prefecture of fatal and non-fatal accidents in hospital in 1999-2021

														2013									l	
38	111	127		128		135	138	141	132	121	135	136	129	115	118	143	129	136	133	131	641	504	3,621	Hokkaido
5	17	19		11		13	20	14	15	16	15	30	30	22	27	17	32	27	28	24	18	57	477	Aomori
3	12	16		17		16	14	9	22	7	14	21	13	26	16	26	11	12	10	17	26	18	336	lwate
5	19	29		24		17	35	28	28	16	27	43	44	30	39	24	29	45	39	24	45	78	689	Miyagi
9	25	19		40		27	34	23	20	18	18	13	21	18	23	20	28	29	28	17	26	52	518	Akita
)	10	9		12		12	7	13	13	15	10	19	18	18	25	25	14	19	15	12	42	35	353	Yamagata
7	18	31		38		38	34	40	23	30	26	23	25	32	18	30	33	27	35	28	75	158	789	Fukushima
3	25	26		36		30	40	28	43	31	19	35	31	38	39	43	48	48	40	46	72	159	910	lbaraki
3	15	20		21		20	22	21	26	24	16	17	18	19	27	33	21	26	19	18	49	104	549	Tochigi
4	28	33		23		31	39	39	35	39	25	39	45	33	39	31	33	45	45	42	73	99	840	Gunma
0	65	59		63		76	77	82	78	84	84	84	81	75	82	70	82	82	94	93	222	459	2,142	Saitama
8	54	69		81		70	98	76	104	92	99	93	94	86	78	70	87	108	92	95	191	363	2,148	Chiba
21	122	139		157		145	157	144	163	151	135	140	162	171	139	160	181	168	178	175	718	1,354	4,980	Tokyo
5	92	115		97		94	98	108	95	95	89	107	102	93	99	109	124	117	117	133	370	492	2,842	Kanagawa
9	25	39		47		47	36	57	43	39	38	50	50	35	46	27	46	39	57	51	64	90	945	Niigata
2	9	16		17		19	31	12	24	17	14	24	17	28	17	20	33	20	26	17	43	28	444	Toyama
4	19	17		27		22	14	23	16	19	15	12	14	25	10	17	16	24	16	16	38	80	454	Ishikawa
	12	16		13		13	13	9	15	15	15	15	19	12	15	9	20	10	37	19	22	26	332	Fukui
2	12	10		19		16	17	19	23	15	15	24	17	12	20	25	18	20	17	28	34	27	400	Yamanashi
5	20	23		22		40	18	37	37	22	29	30	33	31	36	28	38	34	35	22	34	91	675	Nagano
3	23	26		13		25	22	18	19	24	14	18	17	25	25	24	16	13	22	27	51	148	583	Gifu
7	34	49		43		54	55	45	32	51	47	49	40	33	57	54	55	60	64	61	68	157	1,145	Shizuoka
0	62	57		70		75	80	58	54	66	73	84	69	76	88	91	80	85	114	70	185	304	1,911	Aichi
3 5 9 0 7 3 3 4 0 3 5 5 7 5 7 5 7 6 7 7 7 7 7 7 7 7 7 7 7 7		12 12 19 10 15 15 15 15 15 15 15	12 16 19 29 25 19 10 9 18 31 25 26 15 20 28 33 65 59 54 69 11 122 139 92 115 25 39 9 16 19 17 12 16 12 10 20 23 23 26 34 49	12 16 19 29 25 19 10 9 18 31 25 26 15 20 28 33 65 59 54 69 1 122 139 9 25 39 29 16 19 17 12 16 12 10 20 23 23 26 34 49	12 16 17 19 29 24 10 9 12 18 31 38 25 26 36 15 20 21 28 33 23 65 59 63 54 69 81 11 122 139 157 25 39 47 25 39 47 25 39 47 21 12 16 13 25 12 10 19 20 23 22 23 26 13 34 49 43	12 16 17 19 29 24 10 9 12 18 31 38 25 26 36 15 20 21 28 33 23 65 59 63 11 122 139 157 29 115 97 25 39 47 27 27 12 16 13 22 12 10 19 19 20 23 22 22 23 26 13 34	12 16 17 16 19 29 24 17 10 9 12 12 18 31 38 38 25 26 36 30 15 20 21 20 28 33 23 31 65 59 63 76 54 69 81 70 11 122 139 157 145 92 115 97 94 9 16 17 19 19 17 27 22 12 16 13 13 12 10 19 16 23 26 13 25 34 49 43 54	12 16 17 16 14 19 29 24 17 35 10 9 12 12 7 18 31 38 38 34 25 26 36 30 40 15 20 21 20 22 28 33 23 31 39 65 59 63 76 77 54 69 81 70 98 11 122 139 157 145 157 92 115 97 94 98 19 17 27 22 14 12 16 13 13 13 12 16 13 13 13 12 10 19 16 17 20 23 22 40 18 23 26 13 25 22 34 49 43 54 55	12 16 17 16 14 9 19 29 24 17 35 28 25 19 40 27 34 23 10 9 12 12 7 13 18 31 38 38 34 40 25 26 36 30 40 28 15 20 21 20 22 21 28 33 23 31 39 39 65 59 63 76 77 82 54 69 81 70 98 76 11 122 139 157 145 157 144 9 215 39 47 47 36 57 29 16 17 19 31 12 20 23 27 22 14 23 21 12 16 13 13 13 13 13 20 23 <td< td=""><td>12 16 17 16 14 9 22 19 29 24 17 35 28 28 10 9 12 12 7 13 13 18 31 38 38 34 40 23 25 26 36 30 40 28 43 15 20 21 20 22 21 26 28 33 23 31 39 39 35 65 59 63 76 77 82 78 65 59 63 76 77 82 78 65 59 63 76 77 82 78 65 59 63 76 77 82 78 6 54 69 81 70 98 76 104 1 122 139 157 145 157 144 163 6 92 115 97 94 9</td><td>12 16 17 16 14 9 22 7 19 29 24 17 35 28 28 16 25 19 40 27 34 23 20 18 10 9 12 12 7 13 13 15 18 31 38 38 34 40 23 30 25 26 36 30 40 28 43 31 15 20 21 20 22 21 26 24 28 33 23 31 39 39 35 39 65 59 63 76 77 82 78 84 54 69 81 70 98 76 104 92 11 122 139 157 145 157 144 163 151 92 115 97 94 98 108 95 95 25 39 <t< td=""><td>12 16 17 16 14 9 22 7 14 19 29 24 17 35 28 28 16 27 25 19 40 27 34 23 20 18 18 10 9 12 12 7 13 13 15 10 18 31 38 38 34 40 23 30 26 25 26 36 30 40 28 43 31 19 15 20 21 20 22 21 26 24 16 28 33 23 31 39 39 35 39 25 65 59 63 76 77 82 78 84 84 84 69 81 70 98 76 104 92 99 11 122 139 157 145 157 144 163 151 135</td><td>12 16 17 16 14 9 22 7 14 21 19 29 24 17 35 28 28 16 27 43 25 19 40 27 34 23 20 18 18 13 10 9 12 12 7 13 13 15 10 19 18 31 38 38 34 40 23 30 26 23 25 26 36 30 40 28 43 31 19 35 15 20 21 20 22 21 26 24 16 17 28 33 23 31 39 39 35 39 25 39 65 59 63 76 77 82 78 84 84 84 54 69 81 70 98 76 104 92 99 93 1 122</td><td>12 16 17 16 14 9 22 7 14 21 13 19 29 24 17 35 28 28 16 27 43 44 25 19 40 27 34 23 20 18 18 13 21 10 9 12 12 7 13 13 15 10 19 18 18 31 38 38 34 40 23 30 26 23 25 25 26 36 30 40 28 43 31 19 35 31 15 20 21 20 22 21 26 24 16 17 18 28 33 23 31 39 39 35 39 25 39 45 65 59 63 76 77 82 78 84 84 84 81 11 122 139 157</td><td>12 16 17 16 14 9 22 7 14 21 13 26 19 29 24 17 35 28 28 16 27 43 44 30 25 19 40 27 34 23 20 18 18 13 21 18 10 9 12 12 7 13 13 15 10 19 18 18 18 31 38 38 34 40 23 30 26 23 25 32 25 26 36 30 40 28 43 31 19 35 31 38 15 20 21 20 22 21 26 24 16 17 18 19 28 33 23 31 39 39 35 39 25 39 45 33 46 59 81 70 98 76 104 92</td><td>12 16 17 16 14 9 22 7 14 21 13 26 16 19 29 24 17 35 28 28 16 27 43 44 30 39 25 19 40 27 34 23 20 18 18 13 21 18 23 10 9 12 12 7 13 13 15 10 19 18 18 25 18 31 38 38 34 40 23 30 26 23 25 32 18 25 26 36 30 40 28 43 31 19 35 31 38 39 15 20 21 20 22 21 26 24 16 17 18 19 27 28 33 23 31 39 39 35 39 25 39 45 33 39</td><td>12 16 17 16 14 9 22 7 14 21 13 26 16 26 19 29 24 17 35 28 28 16 27 43 44 30 39 24 10 9 12 12 7 13 13 15 10 19 18 18 25 25 18 31 38 38 34 40 23 30 26 23 25 18 30 25 26 36 30 40 28 43 31 19 35 31 38 39 43 15 20 21 20 22 21 26 24 16 17 18 19 27 33 28 33 23 31 39 39 35 39 25 39 45 33 39 31 4 65 59 63 76 77 82 78 <</td><td> 12</td><td> 12</td><td> 12</td><td> 12</td><td> 12</td><td> 12</td><td> </td></t<></td></td<>	12 16 17 16 14 9 22 19 29 24 17 35 28 28 10 9 12 12 7 13 13 18 31 38 38 34 40 23 25 26 36 30 40 28 43 15 20 21 20 22 21 26 28 33 23 31 39 39 35 65 59 63 76 77 82 78 65 59 63 76 77 82 78 65 59 63 76 77 82 78 65 59 63 76 77 82 78 6 54 69 81 70 98 76 104 1 122 139 157 145 157 144 163 6 92 115 97 94 9	12 16 17 16 14 9 22 7 19 29 24 17 35 28 28 16 25 19 40 27 34 23 20 18 10 9 12 12 7 13 13 15 18 31 38 38 34 40 23 30 25 26 36 30 40 28 43 31 15 20 21 20 22 21 26 24 28 33 23 31 39 39 35 39 65 59 63 76 77 82 78 84 54 69 81 70 98 76 104 92 11 122 139 157 145 157 144 163 151 92 115 97 94 98 108 95 95 25 39 <t< td=""><td>12 16 17 16 14 9 22 7 14 19 29 24 17 35 28 28 16 27 25 19 40 27 34 23 20 18 18 10 9 12 12 7 13 13 15 10 18 31 38 38 34 40 23 30 26 25 26 36 30 40 28 43 31 19 15 20 21 20 22 21 26 24 16 28 33 23 31 39 39 35 39 25 65 59 63 76 77 82 78 84 84 84 69 81 70 98 76 104 92 99 11 122 139 157 145 157 144 163 151 135</td><td>12 16 17 16 14 9 22 7 14 21 19 29 24 17 35 28 28 16 27 43 25 19 40 27 34 23 20 18 18 13 10 9 12 12 7 13 13 15 10 19 18 31 38 38 34 40 23 30 26 23 25 26 36 30 40 28 43 31 19 35 15 20 21 20 22 21 26 24 16 17 28 33 23 31 39 39 35 39 25 39 65 59 63 76 77 82 78 84 84 84 54 69 81 70 98 76 104 92 99 93 1 122</td><td>12 16 17 16 14 9 22 7 14 21 13 19 29 24 17 35 28 28 16 27 43 44 25 19 40 27 34 23 20 18 18 13 21 10 9 12 12 7 13 13 15 10 19 18 18 31 38 38 34 40 23 30 26 23 25 25 26 36 30 40 28 43 31 19 35 31 15 20 21 20 22 21 26 24 16 17 18 28 33 23 31 39 39 35 39 25 39 45 65 59 63 76 77 82 78 84 84 84 81 11 122 139 157</td><td>12 16 17 16 14 9 22 7 14 21 13 26 19 29 24 17 35 28 28 16 27 43 44 30 25 19 40 27 34 23 20 18 18 13 21 18 10 9 12 12 7 13 13 15 10 19 18 18 18 31 38 38 34 40 23 30 26 23 25 32 25 26 36 30 40 28 43 31 19 35 31 38 15 20 21 20 22 21 26 24 16 17 18 19 28 33 23 31 39 39 35 39 25 39 45 33 46 59 81 70 98 76 104 92</td><td>12 16 17 16 14 9 22 7 14 21 13 26 16 19 29 24 17 35 28 28 16 27 43 44 30 39 25 19 40 27 34 23 20 18 18 13 21 18 23 10 9 12 12 7 13 13 15 10 19 18 18 25 18 31 38 38 34 40 23 30 26 23 25 32 18 25 26 36 30 40 28 43 31 19 35 31 38 39 15 20 21 20 22 21 26 24 16 17 18 19 27 28 33 23 31 39 39 35 39 25 39 45 33 39</td><td>12 16 17 16 14 9 22 7 14 21 13 26 16 26 19 29 24 17 35 28 28 16 27 43 44 30 39 24 10 9 12 12 7 13 13 15 10 19 18 18 25 25 18 31 38 38 34 40 23 30 26 23 25 18 30 25 26 36 30 40 28 43 31 19 35 31 38 39 43 15 20 21 20 22 21 26 24 16 17 18 19 27 33 28 33 23 31 39 39 35 39 25 39 45 33 39 31 4 65 59 63 76 77 82 78 <</td><td> 12</td><td> 12</td><td> 12</td><td> 12</td><td> 12</td><td> 12</td><td> </td></t<>	12 16 17 16 14 9 22 7 14 19 29 24 17 35 28 28 16 27 25 19 40 27 34 23 20 18 18 10 9 12 12 7 13 13 15 10 18 31 38 38 34 40 23 30 26 25 26 36 30 40 28 43 31 19 15 20 21 20 22 21 26 24 16 28 33 23 31 39 39 35 39 25 65 59 63 76 77 82 78 84 84 84 69 81 70 98 76 104 92 99 11 122 139 157 145 157 144 163 151 135	12 16 17 16 14 9 22 7 14 21 19 29 24 17 35 28 28 16 27 43 25 19 40 27 34 23 20 18 18 13 10 9 12 12 7 13 13 15 10 19 18 31 38 38 34 40 23 30 26 23 25 26 36 30 40 28 43 31 19 35 15 20 21 20 22 21 26 24 16 17 28 33 23 31 39 39 35 39 25 39 65 59 63 76 77 82 78 84 84 84 54 69 81 70 98 76 104 92 99 93 1 122	12 16 17 16 14 9 22 7 14 21 13 19 29 24 17 35 28 28 16 27 43 44 25 19 40 27 34 23 20 18 18 13 21 10 9 12 12 7 13 13 15 10 19 18 18 31 38 38 34 40 23 30 26 23 25 25 26 36 30 40 28 43 31 19 35 31 15 20 21 20 22 21 26 24 16 17 18 28 33 23 31 39 39 35 39 25 39 45 65 59 63 76 77 82 78 84 84 84 81 11 122 139 157	12 16 17 16 14 9 22 7 14 21 13 26 19 29 24 17 35 28 28 16 27 43 44 30 25 19 40 27 34 23 20 18 18 13 21 18 10 9 12 12 7 13 13 15 10 19 18 18 18 31 38 38 34 40 23 30 26 23 25 32 25 26 36 30 40 28 43 31 19 35 31 38 15 20 21 20 22 21 26 24 16 17 18 19 28 33 23 31 39 39 35 39 25 39 45 33 46 59 81 70 98 76 104 92	12 16 17 16 14 9 22 7 14 21 13 26 16 19 29 24 17 35 28 28 16 27 43 44 30 39 25 19 40 27 34 23 20 18 18 13 21 18 23 10 9 12 12 7 13 13 15 10 19 18 18 25 18 31 38 38 34 40 23 30 26 23 25 32 18 25 26 36 30 40 28 43 31 19 35 31 38 39 15 20 21 20 22 21 26 24 16 17 18 19 27 28 33 23 31 39 39 35 39 25 39 45 33 39	12 16 17 16 14 9 22 7 14 21 13 26 16 26 19 29 24 17 35 28 28 16 27 43 44 30 39 24 10 9 12 12 7 13 13 15 10 19 18 18 25 25 18 31 38 38 34 40 23 30 26 23 25 18 30 25 26 36 30 40 28 43 31 19 35 31 38 39 43 15 20 21 20 22 21 26 24 16 17 18 19 27 33 28 33 23 31 39 39 35 39 25 39 45 33 39 31 4 65 59 63 76 77 82 78 <	12	12	12	12	12	12	

Mie	30	36	31	31		33	30	39	33	41	30	43	41	35	32	40	30	32	43	33	83	130	876	Mie
Shiga	6	9	9	7		12	21	9	18	18	12	20	25	28	16	17	18	16	28	18	46	50	403	Shiga
Kyoto	57	54	57	61		55	81	53	56	62	58	52	61	64	51	55	48	50	49	64	114	199	1,401	Kyoto
Osaka	158	153	193	197	7	186	167	183	201	167	228	207	199	164	169	183	191	199	205	166	436	910	4,862	Osaka
Hyogo	59	71	78	90		71	88	69	90	83	84	94	91	105	94	94	93	89	97	94	385	346	2,365	Hyogo
Nara	16	16	15	21		26	19	25	30	16	29	28	32	15	27	22	26	25	29	19	59	78	573	Nara
Wakayama	10	19	12	22		14	20	25	17	16	17	29	17	28	27	19	15	21	21	23	26	52	450	Wakayama
Tottori	7	5	5	5		9	8	7	9	9	13	14	12	4	7	6	8	11	8	9	11	4	171	Tottori
Shimane	17	18	18	17	,	13	8	17	10	9	14	17	12	14	17	12	18	14	18	9	17	22	311	Shimane
Okayama	26	28	29	41		33	34	37	39	41	50	38	44	41	37	47	32	46	66	62	82	116	969	Okayama
Hiroshima	49	55	53	48		49	58	63	70	50	72	76	70	66	60	76	82	73	77	85	156	170	1,558	Hiroshima
Yamaguchi	33	34	47	29		34	32	38	49	36	37	34	30	38	41	43	41	50	52	37	90	170	995	Yamaguchi
Tokushima	19	8	11	14		17	16	16	22	19	22	23	28	24	28	24	28	28	32	29	36	86	530	Tokushima
Kagawa	13	16	19	29		17	25	17	20	16	17	15	14	13	21	26	14	26	25	30	65	37	475	Kagawa
Ehime	26	19	26	28		33	28	35	35	25	36	35	35	38	34	22	46	34	34	36	46	60	711	Ehime
Kochi	41	40	43	44		35	53	44	35	41	34	47	38	45	39	37	51	31	53	56	72	68	947	Kochi
Fukuoka	167	166	153	148	-8	150	142	182	156	154	161	182	178	185	209	201	174	202	208	211	434	601	4,364	Fukuoka
Saga	15	20	38	26		25	20	26	23	24	30	27	23	23	30	32	32	28	46	41	40	60	629	Saga
Nagasaki	40	28	25	43		64	66	53	100	54	53	33	58	51	50	63	69	69	70	74	103	144	1,310	Nagasaki
Kumamoto	56	57	64	64		55	66	67	58	60	75	62	55	48	61	48	60	66	84	85	90	120	1,401	Kumamoto
Oita	22	41	32	49		29	34	42	39	28	32	33	29	24	35	28	36	45	44	27	60	81	790	Oita
Miyazaki	32	34	28	36		20	25	43	34	30	25	27	32	62	36	31	30	31	42	39	59	65	761	Miyazaki
Kagoshima	57	40	49	55		51	51	61	67	45	68	65	50	54	63	60	88	83	102	88	124	195	1,516	Kagoshima
Okinawa	14	12	19	23		21	17	27	29	22	25	26	19	28	41	31	26	41	39	42	101	118	721	Okinawa

total	1,812 1,808 2,018	2,147	2,087 2,208	2,222 2,300 2,07	3 2,194 2,333	2,282 2,250	2,308 2,313 2	2,430 2,504 2,	733 2,543	5,842 8,765	57,172 total
		'	11 ' 11 ' 11	. . .		' '		. . .	'	' '	1 '

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 by Great East Japan Earthquake in 2011.

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

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html

Fatal accidents in hospital in Japan in 1999-2021

hospital industry Code No.130101

Type of fatal accidents in hospital 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	2			2	4			1		1	1	1		1					1		2		1	17	fall from height
falling to same level														1										1	falling to same level
crash																									crash
struck by flying or falling object																									struck by flying or falling object
collapse														1										1	collapse
crashed by													1									1		2	crashed by
caught in/between																									caught in/between
cut																									cut

injury to the sole of the foot																							injury to the sole
		<u> </u>		<u> </u>																	<u> </u>		of the foot
drown													8						1			9	drown
contact to high/low-																							contact to
temperature																1						1	high/low-
temperature																							temperature
contact to harmful substance			1													2						3	contact to harmful
contact to naminal substance																							substance
electric shock				1																		1	electric shock
explosion																							explosion
burst																							burst
fire																							fire
traffic accident (public road)	1	1			1	1	3													1		9	traffic accident
trame accident (public road)					<u> </u>	ľ																	(public road)
traffic accident (others)																							traffic accident
traine accident (others)																							(others)
reaction to motion/improper																							reaction to
motion																							motion/improper
Inodon																							motion
others					2				2	1	1		5		1		2			2	2	18	others
unclassifiable																							unclassifiable
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	2	1	3	4	3	62	total

Causal agents (large) of fatal accidents in hospital in 1999-2021

																										=
III	II I					l II		1 1						II I	1 1	1 1	I I	I I	1 1	I I		II I		l		
III	II I					l II		1 1						II I	1 1	1 1	I I	I I	1 1	I I		II I		l		
(Coursel (I) agreement	11000	เวกกก	2001	ากกา	-1			2006		1000		2010	2011	111	2012	2014	2015	2016	2017	2010	2010	וארארו	2021		(Caaal (I) aarana	_ '
Causal (L) agents	11999	ニノしいしい	2001	2002	2003	2004	ノいいつ	LZUUDI	2007	といい め	2009	1701101	ZULL	11 7 () 1 7 1	12013	1701141	レフロコンロ	ZUIN	170171	ノいしる	1701191	コノロノロコ	1 7UZ 11	потаг	Causal (L) agent	S
Headsar (2) agents	11 1		00.		_000		_000		,			0.0		-v ·-	0.5			0.0	,			-0-0		co ca.	readsar (=) agent	- 1
-	II I					l II		1 1						II I	1 1	1 1	I I	I I	1 1	I I		II I		l		,

machine																							machine
crane, conveying machine	1	1	1		2	1	3			1			1	1					1	2		15	crane, conveying
other equipment				1	2			1								1		1				6	other equipment
temporary buildings, establishments	1			2	1						1	1		1					1		1		temporary buildings, establishments
substance, material			1													2						3	substance, material
load																							load
environment													12	1					1			14	environment
others	1				2				2	1	1		1		1		2			2	2	15	others
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	2	1	3	4	3	62	total

Causal agents (middle) of fatal accidents in hospital 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
power transmission mechanism																									transmission
																									mechanism
woodworking machine																									woodworking
woodworking machine																									machine
																									construction
construction machine																									machine
																									metal

metal manufacturing machine																						manufacturing
																						machine
general machine																						general machine
mobile silviculture machine																						mobile silviculture
																						machine
crane									<u> </u>	1											1	crane
conveying machine							1														1	conveying machi
vehicle	1	1	1		2	1	2						1	1				1	2		13	vehicle
pressure vessel																						pressure vessel
chemical facilities																						chemical facilities
welding equipment																						welding
welding equipment																						equipment
kiln, caldron																						kiln, caldron
electric equipment																						electric equipmer
human power machine, tools																						human power
manian power machine, tools																						machine, tools
tools					2			1									1				4	tools
other equipments, facilities				1											1						2	other equipments
				<u> </u>																		facilities
temporary buildings,																						temporary
establishments	1			2	1						1	1		1				1		1	9	buildings,
																						establishments
hazards, harmful substances			1												2						3	hazards, harmful
·																						substances
materials																						materials

load																							load
natural environment													12	1					1			14	natural environment
other causal agent	1				2										1					1	2	7	other causal agent
no causal agent									2	1	1		1				2			1		8	no causal agent
unclassifiable																							unclassifiable
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	2	1	3	4	3	62	total

Causal agents (small) of fatal accidents in hospital 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
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
shearing machine												shearing machine
												other metal

									- 11	II II	manutactur	
											manufactur	ing
											machines	
											centrifugal	machine
											mixer, grind	der
											roll machin	e (except
											printingroll	
											machine)	
											injection m	olding
											machine	
											food manuf	acturing
											machine	
											printing ma	chine
											industrial ro	obot
											other gener	ral
											power mac	hines
											felling macl	nine
											mobile logg	ging
											machine	
											skyline yard	ling
											machine	
											other mobi	le
											silviculture	machine
											crane	
											mobile crar	ie
											derrick crar	ie
												injection m machine food manuf machine printing machine other gener power machine felling machine skyline yard machine other mobile logg machine

elevator, lift								1									1	elevator, lift
cargo lifting appliance																		cargo lifting
cargo inting appliance																		appliance
gondola																		gondola
lumberyard equipment,																		lumberyard
logging cableway																		equipment, loggin
																		cableway
simple skyline yarding																		simple skyline
equipment																		yarding equipmen
other powered crane																		other powered
other powered claim																		crane
truck						1											1	truck
forklift																		forklift
railway equipment																		railway equipmen
conveyor																		conveyor
loader																		loader
straddle carrier																		straddle carrier
rough terrain hauler																		rough terrain haul
other powered conveying																		other powered
machines																		conveying machin
	1	1	1	1	1	1				1					1		12	cars, bus,
cars, bus, motorcycle		1		2		2				I					1	2	12	motorcycle
railway vehicle																		railway vehicle
other vehicles											1						1	other vehicles
boiler																		boiler

pressure vessel															pressure vessel
other pressure vessels															other pressure vessels
chemical facilities															chemical facilities
gas welding equipment															gas welding equipment
arc welding equipment															arc welding equipment
other welding equipment															other welding equipment
kiln, caldron															kiln, caldron
industrial dryer															industrial dryer
other kiln, caldron															other kiln, caldron
transmission															transmission
electric power facilities															electric power facilities
other electrical equipment															other electrical equipment
human power cranes															human power cranes
human power hauling equipment															human power hauling equipment
human power machine															human power machine
hand tool															hand tool
ladder			2		1						1			4	ladder

JL		JL				JL]	الـــــــــــــــــــــــــــــــــــــ									 JL		IL]	JL	
slinging tool																						slinging tool
other tools																						other tools
other equipment, facilities				1										1							2	other equipment,
scaffolding																						scaffolding
timbering																						timbering
stairs, landing stage	1			1	1						1		1								5	stairs, landing stage
opening										1											1	opening
roof, beam, haze, crossbeam, principal rafter																						roof, beam, haze, crossbeam, principal rafter
working platform, boot board																						working platform, boot board
passage																						passage
building, establishment				1														1		1	3	building, establishment
other temporary buildings, establishments																						other temporary buildings, establishments
explosive substance																						explosive substance
inflammable substance																						inflammable substance
inflammable gas																						inflammable gas
harmful substance			1											2							3	harmful substance
radiation																						radiation
		1	1			1	1			$\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$	 $\overline{}$	$\overline{}$	$\overline{}$	 					1

other hazards, harmful																							other hazards,
substances																							harmful substances
metal material																							metal material
lumber, bamboo																							lumber, bamboo
stone, sand, substance																							stone, sand, substance
other materials																							other materials
load																							load
machine/equipment as load																							machine/equipment as load
natural ground, rock														1								1	natural ground,
standing tree																							standing tree
water													12						1			13	water
abnormal environment																							abnormal environment
high/cold temperature environment																							high/cold temperature environment
other environments																							other environments
other causal agent	1				2										1					1	2	7	other causal agent
no causal agent									2	1	1		1				2			1		8	no causal agent
unclassifiable																							unclassifiable
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	2	1	3	4	3	62	total

Workers age of fatal accidents in hospital 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						3					1				1		9	20-29
30-39					2	1	1		1				2			1								8	30-39
40-49			1						1				4			1								7	40-49
50-59	1			2	3					1	1		2	1	1			1				1	2	16	50-59
60 years old or more	2	1			1		1	1		1	1	1	3	2		1			1		3	2	1	22	60 years old or more
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3		2	1		3	4	3	62	total

Workers' number of workplace of fatal accidents in hospital 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		3			1								6	9 workers or less
10-29													1						1				1	3	10-29
30-49				1									3	1										5	30-49
50-99	2							1					2								1			6	50-99
100-299		1		1	3	1	1			1	1	1	4	1	1	2					2	1	2	23	100-299
300 workers or more	1		2	1	4		1		2	1			1	1				2				3		19	300 workers or more
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3		2	1		3	4	3	62	total

Month of fatal accidents in hospital in 1999-2021

Mont	h	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	170171	total	Month
						$\overline{}$		$\overline{}$						$\overline{}$		$\overline{}$										

January	1		1	1							1	1									1	6	January
February					2		1				1					1						5	February
March						1				1			12	1								15	March
April														1			1			1	1	4	April
May					2																	2	May
June	1		1													2				1	1	6	June
July					1					1				1			1		2			6	July
August		1													1			1				3	August
September				1			1		1				2									5	September
October				1					1										1	1		4	October
November					2		1	1												1		5	November
December	1																					1	December
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	2	1	3	4	3	62	total

Prefecture of fatal accidents in hospital 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		1	1												1	2								5	Hokkaido
Aomori													1											1	Aomori
lwate													4											4	lwate
Miyagi					1								8											9	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima							1							1							1			3	Fukushima
Ibaraki	1																							1	Ibaraki

		 <u> </u>		<u> </u>			<u> </u>								 			 		<u> </u>	-	
Tochigi																						Tochigi
Gunma										1											1	Gunma
Saitama				1		1			1											1	4	Saitama
Chiba																						Chiba
Tokyo								1										1		1	3	Tokyo
Kanagawa																						Kanagawa
Niigata																						Niigata
Toyama																	1				1	Toyama
Ishikawa		1		1															1		3	Ishikawa
Fukui																						Fukui
Yamanashi											1										1	Yamanashi
Nagano					1											1					2	Nagano
Gifu																						Gifu
Shizuoka							1						1								2	Shizuoka
Aichi				1		1															2	Aichi
Mie			2																		2	Mie
Shiga																			1		1	Shiga
Kyoto								1													1	Kyoto
Osaka	1			3																	4	Osaka
Hyogo			1							1									1		3	Hyogo
Nara												1									1	Nara
Wakayama																				1	1	Wakayama
Tottori																						Tottori
Shimane																						Shimane
		 										$\overline{}$		$\overline{}$	 		$\overline{}$	 $\overline{}$			-	

Okayama																							Okayama
Hiroshima																							Hiroshima
Yamaguchi	1																					1	Yamaguchi
Tokushima																							Tokushima
Kagawa																							Kagawa
Ehime																							Ehime
Kochi																				1		1	Kochi
Fukuoka																1						1	Fukuoka
Saga																							Saga
Nagasaki																			1			1	Nagasaki
Kumamoto														1								1	Kumamoto
Oita																							Oita
Miyazaki																	1					1	Miyazaki
Kagoshima										1												1	Kagoshima
Okinawa																							Okinawa
total	3	1	2	3	7	1	3	1	2	2	2	1	14	3	1	3	2	1	3	4	3	62	total

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

Return to https://www.jisha.or.jp/english/statistics/2021e_industry.html