

Industrial accidents in social welfare facility in Japan in 1999-2020

social welfare facility industry Code No.1302

Type of accidents in social welfare facility 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	89	98	125	153	186	192	226	220	247	255	332	283	384	392	391	433	491	565	555	625	692	755
falling to same level	384	464	552	659	834	906	1,009	1,119	1,171	1,324	1,396	1,612	1,801	1,948	2,112	2,259	2,390	2,686	2,893	3,321	3,272	3,892
crash	59	69	88	124	137	148	178	163	195	235	234	266	260	318	355	360	356	408	386	438	520	612
struck by flying or falling object	30	35	47	42	49	45	58	61	56	80	75	82	80	79	83	84	93	82	99	106	114	111
collapse	15	11	13	12	19	4	10	23	16	24	16	20	22	19	29	21	30	25	33	22	36	35
crashed by	51	44	74	79	100	111	122	119	150	169	152	179	162	213	212	240	233	272	310	337	341	388
caught in/between	58	56	77	101	98	130	126	121	134	141	163	169	160	168	172	171	196	199	205	196	244	248
cut	99	114	136	150	167	191	175	198	188	188	197	204	161	272	243	207	234	205	230	230	256	241
injury to the sole of the foot	2	2	2	1	0	5	5	4	2	3	2	3	2	5	4	1	4	5	3	3	1	7
drown	2	0	0	-	1	1	2	1	0	1	0	0	99	0	0	0	5	1	1	2	0	1

contact to high/low-temperature	41	39	39	55	50	69	57	83	76	77	69	79	87	96	76	82	82	94	118	101	107	145
contact to harmful substance	8	12	3	4	5	15	9	17	11	9	13	20	10	17	9	14	11	10	10	20	15	14
electric shock	0	0	0	-	1	1	2	2	2	2	3	0	0	1	3	0	2	1	1	2	0	1
explosion	0	1	1	-	1	1	1	2	1	0	0	1	0	1	1	0	0	0	1	0	1	1
burst	0	0	0	-	0	-	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	2
fire	0	0	0	1	3	-	2	0	2	1	2	2	2	1	3	1	1	2	0	0	0	0
traffic accident (public road)	90	126	160	181	209	278	330	323	322	325	364	403	410	401	450	519	497	550	545	543	524	503
traffic accident (others)	0	4	4	2	3	2	5	7	2	4	2	4	5	2	7	4	5	9	5	1	4	8
reaction to motion/improper motion	365	482	667	724	886	1,034	1,143	1,401	1,537	1,762	1,764	1,937	2,117	2,235	2,338	2,457	2,576	2,793	2,983	3,186	3,433	4,199
others	50	76	59	101	100	131	128	198	190	182	247	237	253	256	275	303	342	318	291	341	420	2,056
unclassifiable	13	16	22	22	20	27	32	29	36	46	34	32	39	56	68	68	48	56	69	70	65	48
total	1,356	1,649	2,069	2,411	2,869	3,291	3,621	4,091	4,338	4,829	5,065	5,533	6,054	6,480	6,831	7,224	7,597	8,281	8,738	9,545	10,045	13,267

Causal agents (middle) of industrial accidents in social welfare facility 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	-	0	-	0	0	0	0	0	1	2	1	0	0	0	0	0	0	1	0
power transmission mechanism	0	1	0	-	0	1	1	2	0	0	1	0	0	0	0	1	0	1	2	1	2	2
woodworking machine	10	10	6	9	13	7	11	10	5	12	10	10	10	12	15	9	11	10	8	8	22	9
construction machine	0	1	1	1	0	-	1	0	1	0	0	0	4	1	2	3	0	2	0	3	1	2
metal manufacturing machine	4	1	1	2	2	3	0	1	2	3	2	1	0	1	1	2	2	3	3	1	4	2
general machine	26	32	39	40	37	50	50	43	44	51	40	67	52	59	70	40	58	59	70	62	60	64
mobile silviculture machine																	0	0	0	0	0	0
crane	3	1	4	7	7	11	3	5	7	4	8	5	11	8	7	7	7	3	9	6	11	12
conveying machine	5	14	12	17	18	18	25	23	21	28	28	20	23	30	29	34	32	37	44	46	41	48

hollow chisel mortiser, wood borer			1		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
chamfering machine, router, woodworking milling machine			0		0		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
chain saw			1		1		0	1	1	3	2	2	0	1	3	0	0	2	2	3	5	1
other woodworking machines			0		2		2	1	0	1	2	1	3	3	3	2	3	2	2	0	3	4
leveling, transporting or loading machine			0		0		0	0	1	0	0	0	1	1	0	1	0	1	0	2	1	0
excavating machine			0		0		0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0
foundation work machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hardening machine			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
demolition machine			0		0		0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
vehicle for high lift work			0		0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
other construction machines			1		0		1	0	0	0	0	0	2	0	1	0	0	1	0	0	0	1

simple skyline yarding equipment																	0	0	0	0	0	0
other powered crane			0	4		1	2	0	1	0	0	3	2	0	1	1	1	1	1	1	2	0
truck			5	14		17	12	16	21	23	14	18	22	18	28	26	29	34	40	29	36	
forklift			0	1		2	0	0	1	0	0	2	2	1	3	2	2	2	3	2	3	
railway equipment			0	0		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
conveyor			2	0		0	1	1	1	2	1	0	0	0	0	1	0	2	1	3	1	
loader			0	0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
straddle carrier			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
rough terrain hauler			0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
other powered conveying machines			5	3		6	9	4	5	3	4	3	6	10	3	3	6	6	2	7	8	
cars, bus, motorcycle			209	247		375	384	384	409	430	470	453	478	540	579	578	601	622	624	617	583	
railway vehicle			1	0		0	0	1	0	1	0	2	0	0	0	2	0	0	0	0	0	
other vehicles			17	13		30	22	29	24	24	31	30	28	20	25	37	25	17	19	20	15	
boiler			0	0		0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	
pressure vessel			1	1		0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	
other pressure vessels			0	0		0	1	1	1	0	0	0	0	0	1	2	0	0	0	1	0	

environment			1		1		1	0	0	1	0	3	1	1	3	0	0	0	1	1	0	0
high/cold temperature environment			5		7		8	9	7	13	9	12	20	24	15	15	18	14	21	35	21	30
other environments			106		169		198	208	232	214	215	267	277	309	377	476	381	375	445	458	391	511
other causal agent			309		406		572	743	703	877	817	914	1,000	1,076	1,003	1,057	1,124	1,235	1,254	1,175	1,421	3,104
no causal agent			330		505		611	698	810	984	1,113	1,155	1,214	1,336	1,511	1,592	1,704	1,846	2,064	2,417	2,450	3,092
unclassifiable			63		49		59	83	98	106	81	82	86	107	111	86	69	62	72	98	60	51
total			2,069		2,869		3,621	4,091	4,338	4,829	5,065	5,533	6,054	6,480	6,831	7,224	7,597	8,281	8,738	9,545	10,045	13,267

Workers age of industrial accidents in social welfare facility 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	8	14	10	14	18	24	39	26	31	35	36	42	48	59	50	50	44	51	49	50	36	46
20-29	365	420	488	585	641	667	722	772	742	828	743	754	801	810	825	780	819	759	798	849	850	1,243
30-39	216	300	348	386	482	550	617	734	725	822	848	990	939	1,074	1,066	1,137	1,100	1,120	1,137	1,193	1,203	1,661
40-49	326	388	490	545	659	805	867	908	984	1,023	1,088	1,181	1,332	1,419	1,420	1,584	1,562	1,762	1,770	1,829	1,929	2,575
50-59	345	421	569	675	768	923	996	1,192	1,304	1,407	1,472	1,571	1,744	1,801	1,999	2,062	2,161	2,348	2,486	2,702	2,765	3,682
60 years old or more	96	106	164	206	301	322	380	459	552	714	878	995	1,190	1,317	1,471	1,611	1,911	2,241	2,498	2,922	3,262	4,060

total	1,356	1,649	2,069	2,411	2,869	3,291	3,621	4,091	4,338	4,829	5,065	5,533	6,054	6,480	6,831	7,224	7,597	8,281	8,738	9,545	10,045	13,267
-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	--------	--------

Workers' number of workplace of industrial accidents in social welfare facility 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	112	136	164	183	242	198	297	334	323	397	381	402	436	491	488	584	644	691	762	803	859	1,063
10-29	302	346	423	477	538	674	757	903	967	1,039	1,166	1,318	1,439	1,543	1,764	1,889	2,064	2,313	2,500	2,700	2,874	3,888
30-49	302	357	359	424	532	579	586	679	768	823	914	1,014	1,195	1,275	1,291	1,425	1,434	1,609	1,779	1,978	1,977	2,686
50-99	379	466	626	717	853	967	1,002	1,117	1,198	1,369	1,329	1,449	1,500	1,654	1,677	1,696	1,849	1,924	1,969	2,184	2,367	3,098
100-299	197	273	378	488	571	689	765	861	869	974	1,057	1,153	1,226	1,288	1,355	1,410	1,384	1,515	1,498	1,585	1,690	2,155
300 workers or more	64	71	119	122	133	184	214	197	213	227	218	197	258	229	256	220	222	229	230	295	278	377
total	1,356	1,649	2,069	2,411	2,869	3,291	3,621	4,091	4,338	4,829	5,065	5,533	6,054	6,480	6,831	7,224	7,597	8,281	8,738	9,545	10,045	13,267

Month of industrial accidents in social welfare facility 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	122	122	159	206	246	277	329	378	342	424	441	504	566	563	648	597	652	774	832	967	830	907
February	104	127	139	174	195	238	285	344	360	463	377	492	499	587	554	662	604	694	759	743	803	839
March	109	142	147	179	204	252	296	314	343	340	389	464	595	507	570	549	595	639	690	744	788	953
April	100	123	153	178	195	250	293	303	341	353	397	448	448	493	549	580	641	657	701	718	836	1,047

May	117	135	197	211	274	294	332	349	367	435	446	456	452	588	543	621	647	702	709	825	844	1,021
June	127	132	182	242	274	294	319	344	373	455	515	472	531	521	608	626	646	701	720	832	856	1,127
July	125	149	190	202	276	293	303	394	400	453	503	487	493	585	598	682	741	750	758	859	946	1,167
August	118	159	191	211	259	299	314	356	416	406	447	477	543	606	604	605	641	750	734	829	929	1,166
September	116	136	202	210	230	289	272	343	373	413	416	425	503	546	538	581	627	661	684	810	805	1,131
October	114	135	191	203	244	284	292	360	359	406	397	456	511	548	581	586	630	688	753	821	912	1,109
November	111	144	149	195	210	255	331	303	305	329	393	439	455	476	489	562	600	658	697	758	783	1,137
December	93	145	169	200	262	266	255	303	359	352	344	413	458	460	549	573	573	607	701	639	713	1,663
total	1,356	1,649	2,069	2,411	2,869	3,291	3,621	4,091	4,338	4,829	5,065	5,533	6,054	6,480	6,831	7,224	7,597	8,281	8,738	9,545	10,045	13,267

Prefecture of industrial accidents in social welfare facility 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	89	89	83		123		138	196	203	207	243	245	289	285	316	353	368	396	425	448	461	771
Aomori	26	35	40		35		57	58	48	60	65	72	90	84	85	85	80	105	114	127	118	138
Iwate	22	20	34		39		55	57	37	67	59	77	82	72	85	92	65	92	93	101	118	140
Miyagi	13	28	45		67		91	102	112	109	100	112	216	113	167	168	158	170	171	203	208	232
Akita	11	25	21		30		31	33	33	44	59	69	80	68	76	82	75	87	86	91	103	109
Yamagata	22	20	22		32		44	50	76	58	65	62	72	92	77	98	92	98	103	128	104	128
Fukushima	14	21	31		35		35	44	56	63	61	82	77	79	87	120	105	112	107	135	117	153

crashed by	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1
caught in/between	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1
cut	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
injury to the sole of the foot	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
drown	1	0	0	0	1	0	0	1	0	1	0	0	99	0	0	0	2	1	1	1	0	1
contact to high/low-temperature	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
contact to harmful substance	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0
electric shock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
explosion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
burst	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
fire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
traffic accident (public road)	1	0	4	2	0	3	3	5	2	2	6	1	2	6	7	3	1	7	1	1	3	0
traffic accident (others)	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
reaction to motion/improper motion	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	0	0	2	1	0	0	2	2	0	1	1	36	0	0	1	2	1	1	1	4	2
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
total	3	1	5	4	5	6	3	9	8	5	9	5	142	8	10	8	7	11	4	9	8	7

Causal agents (middle) of fatal accidents in social welfare facility in 1999-2020

other 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
machine/equipment as load	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
natural ground, rock	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
standing tree	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
water	1	0	0	0	0	0	0	0	0	1	0	0	136	0	0	0	2	1	1	1	0	1
abnormal environment	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	1	1	0	0	0	0	0	0	0	0	0
other environments	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
other causal agent	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	1	2
no causal agent	0	0	0	1	0	0	0	2	1	0	0	0	0	0	0	1	3	1	1	0	3	0
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
total	3	1	5	4	5	6	3	9	8	5	9	5	142	8	10	8	7	11	4	9	8	7

Workers age of fatal accidents in social welfare facility 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	2	0	0	0	0	0	0	0	0	0
20-29	1	0	1	1	0	1	0	1	1	0	1	0	15	0	0	0	1	1	2	0	0	0

30-39	0	0	0	2	1	0	1	1	0	1	2	0	20	2	1	3	0	1	0	0	0	2
40-49	1	1	1	0	3	0	1	4	4	0	2	2	30	2	2	1	3	2	0	0	3	0
50-59	1	0	1	1	0	5	1	2	1	3	0	1	56	2	1	2	1	1	1	3	4	0
60 years old or more	0	0	2	0	1	0	0	1	2	1	4	2	19	2	6	2	2	6	1	6	1	5
total	3	1	5	4	5	6	3	9	8	5	9	5	142	8	10	8	7	11	4	9	8	7

Workers' number of workplace of fatal accidents in social welfare facility 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	2	1	3	0	0	0	9	1	0	2	0	3	0	2	2	0
10-29	2	0	2	2	1	2	1	4	1	2	2	2	44	2	4	4	1	4	3	3	0	4
30-49	0	1	0	1	1	1	0	2	1	0	1	2	39	2	3	1	0	2	0	4	4	1
50-99	1	0	2	0	0	0	0	1	1	2	4	1	38	2	2	0	3	1	1	0	0	2
100-299	0	0	1	1	2	2	0	1	1	1	2	0	7	1	1	1	3	1	0	0	2	0
300 workers or more	0	0	0	0	1	1	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0	0
total	3	1	5	4	5	6	3	9	8	5	9	5	142	8	10	8	7	11	4	9	8	7

Month of fatal accidents in social welfare facility 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	0	0	0	0	1	0	0	2	1	0	1	1	0	2	1	0	2	0	0	1	1	1

Miyazaki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Kagoshima	0	0	1	0	0	0	0	0	0	0	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	5	4	5	6	3	9	8	5	9	5	142	8	10	8	7	11	4	9	8	7

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