

general machine	236	260	270	250	257	235	256	239	235	258	242	236	279	247	264	267	278	265	257	266	259	245	214	241	6,056
mobile silviculture machine																							1		1
crane	6	7	4	13	4	4	4	10	6	5	2	2	4	9	6	3	2	1	6	5	7	5	1	3	119
conveying machine	12	15	15	16	19	26	13	12	18	19	9	11	29	23	20	15	16	17	10	19	11	17	9	15	386
vehicle	102	109	135	126	128	151	144	133	151	153	152	144	158	167	174	149	172	177	181	208	192	275	314	259	4,054
pressure vessel	6	3	6	12	8	5	4	4	8	13	4	4	12	4	6	9	7	15	8	7	7	5	3	11	171
chemical facilities																		1	1	1	1				4
welding equipment																		1			1		1		3
kiln, caldron	11	15	23	19	38	35	28	36	30	27	42	33	26	40	31	23	31	25	42	43	61	33	51	56	799
electric equipment	8	8	7	4	7	5	6	7	5	9	5	5	10	14	15	10	8	7	13	8	12	9	15	11	208
human power machine, tools	572	543	660	633	612	563	586	576	594	523	481	494	465	634	625	572	629	571	543	643	618	596	593	682	14,008
tools	286	278	323	327	411	384	383	405	428	476	419	403	476	456	500	460	548	580	620	632	656	621	564	603	11,239
other equipments, facilities	185	207	250	229	213	234	248	227	249	292	295	344	308	326	314	352	368	401	324	389	383	374	410	424	7,346
temporary buildings, establishments	914	914	1,030	989	1,053	1,093	1,131	1,131	1,237	1,243	1,289	1,247	1,260	1,225	1,328	1,366	1,401	1,532	1,559	1,622	1,631	1,558	1,513	1,703	30,969
hazards, harmful substances	91	116	143	126	166	134	165	134	151	121	126	115	159	153	126	171	143	169	141	133	156	99	109	100	3,247
materials	292	277	289	328	334	322	322	386	333	334	372	350	333	416	368	371	368	338	303	288	322	258	245	306	7,855

conveying machines			2		2		2	1	3	3	1	1	4	2	4	1	1		3	2	1	2	2	1	38
cars, bus, motorcycle			120		117		132	129	139	146	146	138	154	158	166	145	168	174	176	203	191	271	313	253	3,439
railway vehicle						2									1		1		1					5	
other vehicles			15		11		10	4	12	7	6	6	4	9	8	3	4	2	5	4	1	4	1	6	122
boiler												1			2		1		1					5	
pressure vessel					2		1			1		1	2			1	2	3	2		1		1	17	
other pressure vessels			6		6		3	4	8	12	4	3	9	4	6	7	6	12	5	4	7	4	3	10	123
chemical facilities																	1	1	1	1				4	
gas welding equipment																	1							1	
arc welding equipment																									
other welding equipment																					1		1		2
kiln, caldron			15		29		25	32	27	19	36	30	23	34	27	19	21	22	34	40	55	32	44	51	615
industrial dryer			1					1		1	1			1				1	1	1				8	
other kiln, caldron			7		9		3	3	3	7	5	3	3	5	4	4	10	3	7	2	5	1	7	5	96
transmission			1				2	4		2	1		4	5	4	3	2	2	1	4	5	1	3	2	46
electric power facilities			1					1						1	1			1							5
other electrical			5		7		4	2	5	7	4	5	6	8	10	7	6	5	11	4	7	8	12	9	132

water			14		20		18	20	28	18	25	14	23	14	27	23	17	13	9	29	26	40	17	16	411
abnormal environment			1		3		1	1		2			1				1		1	1			1	1	14
high/cold temperature environment			72		43		40	43	38	36	37	42	52	65	44	75	56	30	46	63	76	71	68	94	1,091
other environments			48		24		45	40	32	26	34	46	42	44	60	68	45	49	51	66	45	49	45	98	957
other causal agent			201		212		158	177	163	176	155	149	197	149	160	173	195	193	227	188	210	234	454	160	3,931
no causal agent			107		107		133	114	156	137	136	165	150	193	158	174	175	175	170	210	239	257	240	264	3,460
unclassifiable			18		32		18	9	13	21	16	14	10	14	15	15	18	10	11	10	11	3	7	10	275
total	3,347	3,357	3,793	3,725	3,856	3,781	3,856	3,896	4,055	4,055	4,015	4,021	4,170	4,375	4,416	4,477	4,687	4,791	4,721	5,015	5,141	4,953	5,095	5,304	102,902

Workers age of fatal and non-fatal accidents in restaurant 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	478	447	501	482	528	447	496	484	456	431	367	444	416	532	549	594	643	597	524	693	700	610	595	697	12,711
20-29	963	962	1,073	1,025	1,173	1,164	1,054	976	973	933	949	983	969	1,067	1,045	1,003	1,053	1,005	1,000	1,051	1,041	1,031	1,159	1,077	24,729
30-39	388	454	569	544	578	556	571	651	613	670	671	689	709	672	699	643	663	689	639	620	608	608	556	548	14,608
40-49	509	487	563	574	533	525	538	530	614	604	625	632	640	753	690	787	806	825	828	818	869	836	869	822	16,277
50-59	708	713	782	761	723	725	822	827	899	866	842	698	744	683	739	717	740	808	799	842	926	883	914	1,002	19,163
60 years old or more	301	294	305	339	321	364	375	428	500	551	561	575	692	668	694	733	782	867	931	991	997	985	1,002	1,158	15,414
total	3,347	3,357	3,793	3,725	3,856	3,781	3,856	3,896	4,055	4,055	4,015	4,021	4,170	4,375	4,416	4,477	4,687	4,791	4,721	5,015	5,141	4,953	5,095	5,304	102,902

September	292	289	291	284	324	300	311	319	380	317	295	334	351	368	354	358	382	420	376	490	429	449	383	455	8,551
October	246	269	313	292	335	321	315	315	290	349	327	322	337	336	396	357	359	364	397	415	424	436	380	462	8,357
November	255	274	259	296	293	302	285	309	309	290	303	280	310	322	327	345	388	371	329	348	355	401	381	418	7,750
December	219	270	256	280	259	246	286	262	313	262	274	280	296	327	320	344	354	361	353	353	385	441	426	426	7,593
total	3,347	3,357	3,793	3,725	3,856	3,781	3,856	3,896	4,055	4,055	4,015	4,021	4,170	4,375	4,416	4,477	4,687	4,791	4,721	5,015	5,141	4,953	5,095	5,304	102,902

Prefecture of fatal and non-fatal accidents in restaurant 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	163	161	165		143		170	135	189	157	151	148	148	160	155	181	178	139	177	160	167	143	186	182	3,558
Aomori	32	30	26		23		30	26	26	25	33	30	22	23	26	25	23	30	27	35	29	37	31	36	625
Iwate	32	18	33		28		17	33	26	29	29	19	31	28	33	34	34	30	29	22	35	29	39	28	636
Miyagi	55	62	58		74		68	59	77	67	57	70	72	78	89	93	104	105	105	94	92	82	103	111	1,775
Akita	26	20	18		22		18	17	27	21	16	25	19	25	25	12	26	26	22	24	25	20	26	28	488
Yamagata	22	15	18		19		14	20	23	19	22	25	31	27	27	24	25	34	28	24	43	28	28	37	553
Fukushima	44	45	50		47		53	53	45	71	44	51	55	43	63	57	56	65	58	59	67	59	64	74	1,223
Ibaraki	65	80	54		66		83	89	97	82	60	67	88	92	100	106	92	89	100	111	102	83	102	105	1,913
Tochigi	40	33	53		40		46	71	52	65	54	52	46	54	63	74	63	64	51	72	82	65	81	87	1,308
Gunma	66	61	51		63		37	49	52	45	46	47	49	46	57	57	60	73	57	68	63	63	63	60	1,233
Saitama	171	150	171		182		194	150	168	163	191	178	178	184	193	205	237	233	228	248	284	299	270	283	4,560
Chiba	142	181	145		189		149	179	158	198	164	189	172	188	204	196	245	246	211	196	248	257	238	263	4,358
Tokyo	545	453	615		657		630	610	656	686	693	627	625	741	637	713	701	708	678	793	827	733	644	756	14,728
Kanagawa	292	283	318		336		317	326	325	319	324	318	369	389	384	340	340	370	364	378	399	379	395	417	7,682

Niigata	50	54	64		47		61	62	83	82	63	54	56	53	68	72	66	77	82	61	72	62	97	64	1,450
Toyama	20	20	24		23		26	25	19	29	30	23	29	32	20	22	29	20	38	34	25	28	37	34	587
Ishikawa	21	25	25		21		18	17	30	37	32	27	30	34	33	23	36	29	37	52	42	37	40	40	686
Fukui	18	20	18		21		29	16	15	23	14	14	17	29	23	21	19	20	25	31	36	26	18	25	478
Yamanashi	18	15	27		22		28	14	12	17	19	27	21	19	23	28	21	28	22	36	34	20	22	21	494
Nagano	31	40	51		49		41	48	44	60	47	57	50	50	60	60	59	71	55	53	61	60	59	56	1,162
Gifu	32	29	46		37		52	40	47	42	39	46	54	68	72	49	65	70	74	77	58	60	83	66	1,206
Shizuoka	100	99	113		92		121	112	130	119	116	122	116	130	129	105	130	151	141	133	133	137	147	143	2,719
Aichi	148	182	186		190		145	194	189	205	215	218	240	231	265	282	258	271	296	279	309	332	334	350	5,319
Mie	46	37	53		37		65	70	64	54	69	57	68	61	52	57	72	66	68	81	65	67	71	72	1,352
Shiga	19	26	32		32		52	49	48	48	36	44	56	51	45	64	49	55	58	54	46	62	49	61	1,036
Kyoto	72	87	75		109		96	113	108	104	96	112	125	121	110	108	123	117	118	136	114	113	107	118	2,382
Osaka	267	255	308		311		324	321	354	338	357	332	341	363	365	390	405	447	414	488	454	419	382	476	8,111
Hyogo	122	153	149		161		166	178	171	150	171	155	166	148	184	172	181	164	192	205	192	214	216	216	3,826
Nara	32	26	44		38		40	45	49	56	49	49	49	55	45	45	59	41	46	65	48	47	44	57	1,029
Wakayama	22	17	13		24		34	27	25	24	22	29	27	25	37	35	30	33	25	38	29	38	29	41	624
Tottori	10	6	22		11		11	9	6	14	11	15	22	9	20	9	13	11	16	12	12	15	14	12	280
Shimane	17	19	21		13		19	12	14	15	11	11	17	17	20	14	20	19	13	15	16	19	28	23	373
Okayama	30	34	43		56		48	46	47	44	55	50	50	53	65	36	44	47	68	83	57	64	79	51	1,150
Hiroshima	64	70	81		73		67	82	70	82	86	87	79	91	94	96	106	109	94	103	116	106	115	80	1,951
Yamaguchi	33	23	31		46		39	32	32	26	34	43	46	39	33	34	51	45	43	39	51	35	62	52	869
Tokushima	6	10	12		17		18	11	14	18	17	25	14	16	16	13	24	23	20	22	22	25	32	34	409
Kagawa	23	24	33		29		32	30	29	17	30	30	34	32	27	29	30	31	37	32	44	41	44	48	706

Ehime	30	30	37		42		34	45	26	25	42	32	44	47	29	33	41	32	39	36	42	34	37	39	796
Kochi	30	38	24		21		28	29	37	19	36	21	39	33	32	32	33	29	24	31	28	25	31	28	648
Fukuoka	184	176	203		192		192	163	171	182	168	199	184	209	202	210	223	220	213	228	224	251	239	271	4,504
Saga	12	27	37		38		27	27	30	30	22	47	37	23	33	24	34	41	33	34	36	36	59	39	726
Nagasaki	23	24	29		26		33	41	40	30	34	38	37	34	38	36	39	41	44	38	35	50	39	39	788
Kumamoto	50	46	57		48		57	53	53	61	46	49	51	57	54	61	71	76	62	69	61	60	83	75	1,300
Oita	35	42	46		34		30	59	42	48	45	43	61	45	36	69	42	44	48	36	49	46	40	47	987
Miyazaki	27	30	31		35		28	33	39	31	44	36	26	26	30	35	41	39	37	45	52	49	60	49	823
Kagoshima	39	54	48		51		40	40	47	44	38	46	43	49	59	55	56	73	60	50	60	44	60	55	1,111
Okinawa	21	27	35		21		29	36	49	34	37	37	36	47	41	41	33	39	44	35	55	54	68	55	874
total	3,347	3,357	3,793	3,725	3,856	3,781	3,856	3,896	4,055	4,055	4,015	4,021	4,170	4,375	4,416	4,477	4,687	4,791	4,721	5,015	5,141	4,953	5,095	5,304	102,902

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)

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Fatal accidents in restaurant in Japan in 1999-2022

restaurant industry Code No.1402

construction machine			1																					1	
metal manufacturing machine																									
general machine				1		1																		2	
mobile silviculture machine																									
crane													1											1	
conveying machine		1			1													2	1	1				6	
vehicle	6	1	4	3	1	2	2	5	1	2	2	1	2	2	1	3	2	1	2			1	2	46	
pressure vessel				1																				1	
chemical facilities																									
welding equipment																									
kiln, caldron									1													2		3	
electric equipment													1											1	
human power machine, tools																				1				1	
tools			1		1								1								1			4	
other equipments, facilities								1		1	3													5	
temporary buildings, establishments	1		1	1	2		2		3	2			1	1	1			1		2	1		3	1	23
hazards, harmful substances				1			1									1	1							4	
materials																									
load																									
natural environment	1								1				12	1								1		16	
other causal agent																						1		1	
no causal agent	1				1				1	2	3	1	3	3		2				2	1		2	22	

10-29	5		1	2		1	1	1	1	4	3	1	8	6		2	2	1	2	3		2	3	1	50
30-49	1	1	1				2	2	1			1	2	2	1				1				2		17
50-99		1	1		1								1												4
100-299				1																	1				2
300 workers or more																									
total	9	2	7	6	7	2	5	7	7	7	8	2	19	9	3	6	5	2	7	5	2	6	6	1	140

Month of fatal accidents in restaurant 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		2	2							1				2		2				2		1		13
February	1	1			1		1		1		1			1	1				1						9
March					2	2					1		14	1		1			1						22
April				1					2	1		1	1			1	1		1	1	1		2		13
May	1				1		1			1	1			1	1					2		1			10
June	1		1				2	2		2		1	1				1						1		12
July	1		2					1			1			1			1		1	1					9
August	1				1				3				1	1							1		1		9
September								1		1				2		1	1		1						7
October		1	1	2	1			1	1	2			1			1	1		1			2			15
November	1							2			3								1	1					8
December	2		1	1	1		1						1	2	1							1	2		13
total	9	2	7	6	7	2	5	7	7	7	8	2	19	9	3	6	5	2	7	5	2	6	6	1	140

Kumamoto									1	1	1			1											4
Oita										2															2
Miyazaki																									
Kagoshima										1					2										3
Okinawa	1																				1				2
total	9	2	7	6	7	2	5	7	7	7	8	2	19	9	3	6	5	2	7	5	2	6	6	1	140

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

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