



substance	13	8	17	13	20	16	15	22	20	14	19	13	20	19	15	8	17	15	32	20	30	23	20	15	424
electric shock	1	3	2	1	3		3	1	4	1	4	2		3	5		2	3	2	3	1	2	2	6	54
explosion	6	6	10	10	10	7	9	4	15	10	11	13	3	5	5	8	5	3	2	9	1	3	6	5	166
burst		2	2				2	3	1	1	2	2	3	2	1	3		3	1				1	2	31
fire	3	8	3	2	2	4	4	5	5	5	5	2	6	3	4	5	2	3	4	3	3	6	6	3	96
traffic accident (public road)	81	72	113	101	93	114	96	108	115	108	112	113	114	123	144	120	135	145	139	160	157	215	269	208	3,155
traffic accident (others)		1						2	1	1				2	2			2	1		2		2	1	17
reaction to motion/improper motion	196	175	194	231	231	215	198	236	271	271	262	277	280	294	254	316	362	346	343	378	416	446	403	480	7,075
others	25	28	31	26	32	20	24	25	41	41	42	30	39	37	31	31	35	22	37	36	31	79	334	42	1,119
unclassifiable	9	11	10	16	12	11	8	10	7	8	8	7	9	11	14	12	8	7	9	12	5	2	4	7	217
total	2,998	2,955	3,364	3,328	3,396	3,357	3,387	3,403	3,576	3,540	3,526	3,591	3,723	3,935	3,953	4,018	4,229	4,364	4,284	4,534	4,689	4,549	4,728	4,916	92,343

Causal agents (large) of fatal and non-fatal accidents in general restaurant in 1999-2022

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	2022	total
machine	231	233	252	225	232	212	246	219	207	237	221	220	255	230	241	248	262	254	233	246	252	233	207	238	5,634
crane, conveying machine	109	101	136	136	133	155	125	135	143	145	137	136	167	166	184	147	159	175	169	201	189	267	301	246	3,962
other equipment	964	957	1,135	1,090	1,151	1,105	1,121	1,104	1,175	1,175	1,106	1,157	1,156	1,333	1,339	1,287	1,453	1,470	1,418	1,578	1,586	1,520	1,544	1,660	30,584



general machine	218	228	244	222	228	211	238	218	206	234	217	213	250	224	237	244	255	248	232	244	248	233	203	228	5,523
mobile silviculture machine																							1		1
crane	6	5	2	10	4	3	4	10	5	5	2	2	2	5	5	3	2		5	4	7	5	1	2	99
conveying machine	9	9	12	14	16	22	9	8	12	11	7	5	25	17	18	14	9	15	8	18	9	15	8	12	302
vehicle	94	87	122	112	113	130	112	117	126	129	128	129	140	144	161	130	148	160	156	179	173	247	292	232	3,561
pressure vessel	5	2	5	12	7	4	4	4	8	13	4	4	11	3	6	9	7	14	8	6	6	5	2	11	160
chemical facilities																		1	1	1	1				4
welding equipment																		1			1		1		3
kiln, caldron	10	12	18	16	34	32	25	33	27	24	41	33	24	37	27	21	30	23	40	40	56	27	50	55	735
electric equipment	8	7	7	3	7	5	6	7	5	8	5	5	8	12	14	7	8	7	12	8	10	8	14	10	191
human power machine, tools	521	504	592	557	546	509	522	503	531	461	408	443	411	578	552	504	570	523	492	583	563	556	559	629	12,617
tools	250	243	283	299	368	340	341	355	382	412	376	363	424	414	446	420	507	523	568	571	602	576	529	558	10,150
other equipments, facilities	170	189	230	203	189	215	223	202	222	257	272	309	278	289	294	326	331	378	297	369	347	348	389	397	6,724
temporary buildings, establishments	806	796	903	879	918	956	983	972	1,072	1,063	1,109	1,098	1,118	1,095	1,163	1,219	1,248	1,359	1,398	1,444	1,484	1,424	1,390	1,567	27,464
hazards, harmful substances	85	104	126	118	151	120	149	123	135	114	110	105	150	139	117	152	132	157	134	122	145	97	103	95	2,983
materials	268	240	262	292	288	279	281	342	302	297	340	309	297	386	343	333	338	311	278	266	299	239	231	291	7,112











conveying machines			2		2		2		1			1	3	1	4	1	1		2	2	1	1	1		25
cars, bus, motorcycle			108		104		104	113	119	123	123	123	137	136	153	126	144	158	152	176	172	244	291	228	3,034
railway vehicle						1									1										2
other vehicles			14		9		7	4	7	6	5	6	3	8	8	3	4	2	4	3	1	3	1	4	102
boiler												1			2		1		1						5
pressure vessel					2		1			1		1	2			1	2	3	2		1		1		17
other pressure vessels			5		5		3	4	8	12	4	3	8	3	6	7	6	11	5	3	6	4	2	10	115
chemical facilities																	1	1	1	1					4
gas welding equipment																	1								1
arc welding equipment																									
other welding equipment																				1		1			2
kiln, caldron			12		26		23	29	24	17	35	30	22	32	24	18	20	20	34	38	51	26	43	50	574
industrial dryer								1			1							1	1	1					5
other kiln, caldron			6		8		2	3	3	7	5	3	2	5	3	3	10	3	5	1	4	1	7	5	86
transmission			1				2	4		2	1		3	4	3		2	2	1	4	4	1	2	1	37
electric power facilities			1					1						1	1				1						5
other electrical			5		7		4	2	5	6	4	5	5	7	10	7	6	5	10	4	6	7	12	9	126





water			13		16		17	18	27	16	22	13	19	11	24	21	17	10	9	29	25	40	17	15	379
abnormal environment			1		3		1	1		1			1				1		1	1			1	1	13
high/cold temperature environment			61		41		33	35	36	33	36	38	47	62	41	71	47	28	42	58	68	67	61	89	994
other environments			39		23		36	31	27	24	27	42	35	36	52	55	41	41	45	59	38	46	40	93	830
other causal agent			172		190		140	157	143	158	136	136	179	138	148	151	176	182	216	172	192	197	409	151	3,543
no causal agent			96		89		113	97	136	124	118	146	138	173	138	160	156	162	156	191	218	233	222	241	3,107
unclassifiable			17		17		16	7	13	19	15	13	10	11	14	14	18	9	11	8	8	3	6	10	239
total	2,998	2,955	3,364	3,328	3,396	3,357	3,387	3,403	3,576	3,540	3,526	3,591	3,723	3,935	3,953	4,018	4,229	4,364	4,284	4,534	4,689	4,549	4,728	4,916	92,343

Workers age of fatal and non-fatal accidents in general 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	455	406	467	441	490	408	456	441	429	399	348	411	388	502	515	560	608	568	496	641	656	583	566	664	11,898
20-29	881	864	964	924	1,036	1,021	928	863	868	837	837	895	873	972	952	923	947	932	928	957	945	943	1,084	1,009	22,383
30-39	355	412	513	491	506	502	510	586	542	606	601	631	644	608	639	589	614	638	582	573	564	556	522	516	13,300
40-49	446	424	498	524	479	479	484	474	543	534	547	568	577	687	623	691	740	750	756	746	807	780	820	772	14,749
50-59	596	610	665	649	613	639	699	690	777	720	716	598	651	598	657	645	656	722	724	753	855	812	840	929	16,814
60 years old or more	265	239	257	299	272	308	310	349	417	444	477	488	590	568	567	610	664	754	798	864	862	875	896	1,026	13,199
total	2,998	2,955	3,364	3,328	3,396	3,357	3,387	3,403	3,576	3,540	3,526	3,591	3,723	3,935	3,953	4,018	4,229	4,364	4,284	4,534	4,689	4,549	4,728	4,916	92,343

Workers' number of workplace of fatal and non-fatal accidents in general restaurant in 1999-2022

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	2022	total
9 workers or less	669	679	767	712	731	680	672	678	702	737	752	757	754	736	702	712	766	747	810	751	768	773	858	853	17,766
10-29	963	959	1,125	1,198	1,284	1,288	1,329	1,384	1,476	1,421	1,422	1,515	1,670	1,730	1,716	1,775	1,819	1,899	1,824	1,951	1,889	1,813	1,812	1,904	37,166
30-49	885	888	1,067	1,033	1,022	1,021	1,020	988	1,011	1,023	918	900	855	1,016	957	976	1,028	1,140	1,110	1,220	1,338	1,281	1,292	1,297	25,286
50-99	264	254	254	239	215	211	218	202	232	215	278	288	295	308	402	364	392	364	372	434	443	482	530	617	7,873
100-299	150	99	113	95	92	101	110	105	111	104	113	94	114	113	150	162	195	180	142	152	215	180	218	214	3,322
300 workers or more	67	76	38	51	52	56	38	46	44	40	43	37	35	32	26	29	29	34	26	26	36	20	18	31	930
total	2,998	2,955	3,364	3,328	3,396	3,357	3,387	3,403	3,576	3,540	3,526	3,591	3,723	3,935	3,953	4,018	4,229	4,364	4,284	4,534	4,689	4,549	4,728	4,916	92,343

Month of fatal and non-fatal accidents in general 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	241	226	314	273	282	255	298	282	262	308	274	308	318	334	338	330	337	376	366	351	366	388	397	429	7,653
February	229	222	238	250	280	268	247	261	231	281	270	287	274	310	281	357	304	338	320	325	335	373	361	313	6,955
March	246	237	286	252	287	276	297	274	291	302	300	326	291	329	323	353	338	347	362	362	410	368	389	400	7,646
April	266	249	269	262	298	279	250	269	282	300	295	280	290	311	314	297	341	351	349	390	371	269	388	384	7,354
May	289	274	305	301	275	285	297	303	312	323	316	315	314	340	312	340	339	363	385	409	377	308	395	392	7,869
June	261	254	318	303	305	319	300	299	307	329	319	308	326	359	353	347	371	387	389	400	431	406	362	496	8,249
July	269	245	312	323	285	349	318	314	363	323	379	333	368	346	401	359	430	399	393	419	472	434	448	468	8,750
August	287	274	330	332	325	307	341	327	379	328	342	353	374	387	379	358	413	419	403	407	463	427	511	388	8,854

September	265	257	262	256	286	260	283	278	336	267	250	295	307	329	314	326	360	387	335	439	391	419	356	424	7,682
October	223	241	275	264	286	289	269	282	255	289	276	287	308	304	359	327	331	322	366	382	394	402	357	425	7,513
November	228	244	218	255	258	261	250	274	280	255	265	256	280	286	293	310	340	341	306	326	325	364	362	395	6,972
December	194	232	237	257	229	209	237	240	278	235	240	243	273	300	286	314	325	334	310	324	354	391	402	402	6,846
total	2,998	2,955	3,364	3,328	3,396	3,357	3,387	3,403	3,576	3,540	3,526	3,591	3,723	3,935	3,953	4,018	4,229	4,364	4,284	4,534	4,689	4,549	4,728	4,916	92,343

Prefecture of fatal and non-fatal accidents in general 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	145	148	153		135		158	116	172	142	133	138	126	149	132	162	165	124	165	149	158	133	169	172	3,244
Aomori	28	26	22		19		26	21	21	24	30	16	16	16	16	20	12	22	19	24	25	35	29	32	499
Iwate	17	11	28		22		12	29	25	24	25	16	27	25	29	33	30	25	24	22	32	27	38	23	544
Miyagi	51	50	48		61		60	48	68	60	50	58	64	70	84	86	90	97	95	81	73	76	93	106	1,569
Akita	21	16	15		21		18	13	20	17	16	22	19	24	24	11	25	19	19	20	20	19	24	24	427
Yamagata	20	11	18		16		9	18	21	15	20	24	29	23	21	22	23	30	28	21	40	26	26	33	494
Fukushima	40	42	39		44		51	47	38	64	42	47	54	38	55	46	51	57	50	47	57	52	58	63	1,082
Ibaraki	60	71	47		61		76	86	92	70	53	60	81	82	89	92	81	75	80	78	83	72	91	90	1,670
Tochigi	32	26	40		36		37	67	46	58	49	46	42	50	54	58	51	57	47	66	73	60	73	82	1,150
Gunma	50	50	44		57		31	46	48	36	44	46	43	40	53	50	56	69	55	64	57	58	57	57	1,111
Saitama	158	140	155		161		187	140	157	151	180	170	171	171	183	190	221	225	216	238	273	283	257	266	4,293
Chiba	130	163	137		174		138	145	151	185	154	180	152	171	192	176	234	217	184	181	231	234	219	246	3,994
Tokyo	514	402	555		579		550	537	582	579	572	556	578	692	551	627	628	659	608	712	754	678	630	715	13,258
Kanagawa	274	256	298		310		269	290	283	276	289	289	313	334	346	304	307	336	315	339	370	336	351	364	6,849

Niigata	41	45	48		37		42	50	63	59	50	43	46	43	56	61	57	61	71	59	61	51	96	59	1,199
Toyama	13	17	23		22		22	15	9	24	21	19	16	31	19	22	28	20	29	29	23	23	37	31	493
Ishikawa	20	22	24		19		16	16	29	35	30	25	28	32	32	22	32	28	35	48	39	37	36	36	641
Fukui	15	12	13		15		22	14	13	19	10	10	14	22	19	15	17	18	21	30	30	26	16	25	396
Yamanashi	17	15	23		20		25	11	11	15	18	25	20	18	22	26	20	24	20	33	32	20	21	19	455
Nagano	30	34	44		42		37	42	42	50	42	50	41	44	52	53	54	62	48	48	53	54	49	45	1,016
Gifu	29	23	36		35		43	36	44	33	33	43	49	63	67	49	63	64	72	74	56	57	78	66	1,113
Shizuoka	92	85	103		80		100	98	104	97	95	106	98	114	120	94	116	142	127	112	111	126	137	128	2,385
Aichi	133	159	162		158		122	165	155	182	193	197	210	206	235	250	232	243	269	252	280	296	306	322	4,727
Mie	38	34	48		31		55	66	60	49	60	51	64	55	48	56	67	65	65	74	63	64	60	68	1,241
Shiga	17	25	27		22		45	33	42	29	25	36	39	43	30	45	40	41	49	45	34	53	43	54	817
Kyoto	59	77	67		96		78	92	94	94	90	94	112	109	96	92	107	102	110	115	103	96	93	106	2,082
Osaka	236	235	270		289		288	291	312	311	329	305	335	333	340	359	368	422	388	456	422	388	363	442	7,482
Hyogo	115	138	131		150		154	164	160	138	151	127	145	132	172	163	166	151	179	197	183	203	205	206	3,530
Nara	30	23	41		28		32	40	47	53	44	48	46	52	44	45	54	41	45	65	46	47	41	55	967
Wakayama	20	16	11		23		32	24	23	23	19	26	25	22	32	32	28	30	24	29	24	33	25	39	560
Tottori	8	4	21		11		10	9	6	14	11	15	20	8	19	9	12	10	16	9	11	14	13	12	262
Shimane	16	16	17		9		17	10	12	12	10	11	17	15	17	13	16	15	13	13	10	15	25	22	321
Okayama	27	30	40		49		40	33	41	39	45	39	44	48	60	33	40	44	63	77	55	57	69	49	1,022
Hiroshima	42	54	73		60		63	77	63	69	79	80	71	81	88	94	95	103	89	96	109	102	113	80	1,781
Yamaguchi	30	18	29		45		34	29	30	25	28	34	39	29	25	30	45	40	38	36	45	31	56	45	761
Tokushima	5	8	6		12		16	7	9	16	14	19	14	14	16	11	20	21	19	20	21	23	29	33	353
Kagawa	19	22	29		26		28	28	27	16	30	28	31	29	24	25	28	27	37	26	42	38	41	48	649

Ehime	26	27	34		26		32	40	24	21	35	30	38	37	27	27	41	31	38	35	42	33	37	38	719
Kochi	23	30	23		18		26	24	34	18	33	18	37	33	31	28	31	27	20	30	24	24	28	27	587
Fukuoka	171	152	181		166		180	150	152	161	153	182	165	189	184	198	205	211	203	213	207	239	229	261	4,152
Saga	11	27	36		33		25	23	27	26	19	41	32	21	29	18	25	36	27	30	31	30	51	34	632
Nagasaki	21	23	29		22		27	40	31	26	32	36	29	32	32	27	36	37	41	31	32	46	36	37	703
Kumamoto	43	38	48		35		46	41	40	49	34	40	44	50	45	57	62	70	59	59	55	56	68	65	1,104
Oita	34	36	39		32		20	43	22	37	42	38	43	41	32	67	33	38	40	30	43	44	38	43	835
Miyazaki	24	26	28		29		21	24	35	28	37	32	24	23	27	32	37	36	34	44	49	46	59	49	744
Kagoshima	37	51	42		42		38	31	43	39	31	44	39	35	43	48	50	60	52	46	55	39	52	48	965
Okinawa	16	21	19		18		29	34	48	32	26	31	33	46	41	40	30	32	38	31	52	49	63	51	780
total	2,998	2,955	3,364	3,328	3,396	3,357	3,387	3,403	3,576	3,540	3,526	3,591	3,723	3,935	3,953	4,018	4,229	4,364	4,284	4,534	4,689	4,549	4,728	4,916	92,343

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 general restaurant in Japan in 1999-2022

general restaurant industry Code No.140201







woodworking machine																									
construction machine			1																						1
metal manufacturing machine																									
general machine				1			1																		2
mobile silviculture machine																									
crane																									
conveying machine		1			1													2	1	1					6
vehicle	6		4	2		1	2	5	1	2	1	1	2	2	1	1		2			1	2			36
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						3
other equipments, facilities								1		1	1														3
temporary buildings, establishments	1		1	1	1		1		2	2				1				1		2	1		3	1	18
hazards, harmful substances				1			1										1								3
materials																									
load																									
natural environment	1								1				8	1							1				12
other causal agent																						1			1













standing tree																										
water	1												8											1		10
abnormal environment																										
high/cold temperature environment									1						1											2
other environments																										
other causal agent																								1		1
no causal agent	1				1				1	1	3	1	2	2		2			2			2			2	18
unclassifiable																1		1								2
total	9	1	7	5	4	1	4	7	6	6	5	2	13	7	2	4	1	1	7	4	2	6	6	1	111	

Workers age of fatal accidents in general 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	1		1				1	1												1					5
20-29	2		3				1	2			1		2	1		1			3				1		17
30-39	2			1	1		1	1	3	2	2	1	2	1	1	1	1		2	1		1			24
40-49		1							1			1	2	2					1		1	4	2		15
50-59	2		1	3	2		1	2	1	3	2		5	1		1									24
60 years old or more	2		2	1	1	1		1	1	1			2	2	1	1		1	1	2	1	1	3	1	26
total	9	1	7	5	4	1	4	7	6	6	5	2	13	7	2	4	1	1	7	4	2	6	6	1	111

Workers' number of workplace of fatal accidents in general restaurant in 1999-2022

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	2022	total
9 workers or less	3		4	2	4	1	1	4	4	3	3		4		1	2			4	1	1	4	1		47
10-29	5		1	2			1	1	1	3	2	1	7	5		2	1	1	2	3		2	3	1	44
30-49	1		1				2	2	1			1	1	2	1				1				2		15
50-99		1	1										1												3
100-299				1																	1				2
300 workers or more																									
total	9	1	7	5	4	1	4	7	6	6	5	2	13	7	2	4	1	1	7	4	2	6	6	1	111

Month of fatal accidents in general 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							1				2		1	10
February	1	1			1				1		1								1						6
March					1	1					1		10	1		1			1						16
April				1					1	1		1	1			1			1	1	1		2		11
May	1				1		1			1	1			1	1					1		1			9
June	1		1				2	2		1		1											1		9
July	1		2					1						1					1	1					7
August	1								3				1	1							1		1		8
September								1		1				2		1	1		1						7
October			1	2				1	1	2			1			1			1			2			12





Fukuoka	2					1	1						1										5		
Saga																									
Nagasaki																					1		1		
Kumamoto									1	1			1										3		
Oita									2														2		
Miyazaki																									
Kagoshima									1						2								3		
Okinawa	1																				1		2		
total	9	1	7	5	4	1	4	7	6	6	5	2	13	7	2	4	1	1	7	4	2	6	6	1	111

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

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