

Industrial accidents in food products in Japan in 1999-2020

food products industry Code No.0101

Type of accidents in food products 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	638	599	637	649	659	682	624	751	674	656	608	614	579	625	605	581	593	675	593	668	674	717
falling to same level	1,764	1,771	1,927	1,891	1,985	2,023	2,110	2,259	2,182	2,306	2,175	2,267	2,248	2,264	2,233	2,322	2,219	2,349	2,385	2,531	2,292	2,361
crash	276	324	291	261	310	302	328	341	373	354	341	353	311	277	307	321	350	369	354	365	386	408
struck by flying or falling object	400	391	421	352	336	355	363	395	389	375	320	345	333	354	340	306	292	348	325	310	306	302
collapse	94	96	112	96	105	98	103	103	112	88	105	116	94	95	103	99	95	127	105	106	98	89
crashed by	250	208	238	212	215	230	252	223	255	231	196	211	206	213	211	222	252	220	256	233	262	248
caught in/between	2,436	2,465	2,380	2,331	2,293	2,282	2,289	2,098	2,032	2,083	1,878	1,946	1,884	1,828	1,757	1,707	1,705	1,679	1,681	1,655	1,637	1,530
cut	1,666	1,688	1,630	1,589	1,569	1,500	1,412	1,309	1,355	1,415	1,293	1,257	1,251	1,250	1,144	1,136	1,080	1,056	1,004	933	980	874
injury to the sole of the foot	11	8	8	8	8	5	6	13	16	1	6	4	6	10	7	6	6	5	4	4	4	5
drown	1	1	1	1	1	1	2	1	1	0	1	1	151	0	0	0	2	1	0	1	0	4

contact to high/low-temperature	408	410	416	421	470	432	407	442	387	438	393	382	364	404	426	418	377	400	414	405	395	381
contact to harmful substance	33	31	51	67	64	46	50	71	56	65	40	66	60	68	70	73	64	52	63	64	56	83
electric shock	4	8	9	5	4	8	4	4	7	0	2	1	7	2	4	1	2	7	3	7	3	1
explosion	4	6	6	2	2	2	5	3	1	3	1	2	0	4	1	2	1	1	4	0	2	2
burst	4	5	2	2	4	-	2	2	2	6	1	1	1	3	0	1	1	2	1	0	1	1
fire	3	7	4	2	4	8	1	3	1	4	3	1	2	2	3	2	3	5	0	1	2	6
traffic accident (public road)	145	174	130	150	117	125	140	112	117	111	94	119	99	79	111	80	82	66	69	70	73	56
traffic accident (others)	4	4	5	3	4	-	2	1	1	2	2	1	4	2	3	1	1	2	0	7	4	0
reaction to motion/improper motion	549	522	528	547	499	516	559	597	637	642	559	638	583	661	620	650	673	666	664	760	751	779
others	48	39	43	32	39	36	30	29	34	29	20	35	78	25	26	40	27	26	34	38	27	107
unclassifiable	12	6	7	10	9	4	11	6	11	11	12	9	6	4	8	7	6	5	4	4	10	4
total	8,750	8,763	8,846	8,631	8,697	8,655	8,700	8,763	8,643	8,820	8,050	8,369	8,267	8,170	7,979	7,975	7,831	8,061	7,963	8,162	7,963	7,958

Causal agents (middle) of industrial accidents in food products 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	2	2	4	-	3	2	1	0	3	0	3	4	1	1	0	1	2	1	3	4	3	2
power transmission mechanism	95	86	82	83	66	63	80	66	69	68	66	76	50	59	52	46	73	52	63	67	52	51
woodworking machine	8	17	12	9	12	10	11	7	10	12	9	5	2	9	5	2	6	6	5	9	9	10
construction machine	1	2	2	4	0	2	4	2	3	3	4	2	3	0	2	0	0	1	3	1	4	1
metal manufacturing machine	119	54	37	23	10	25	28	26	22	17	11	19	16	13	13	11	6	6	6	22	8	12
general machine	2,519	2,633	2,524	2,425	2,387	2,311	2,290	2,074	1,980	2,081	1,932	1,937	1,921	1,876	1,765	1,692	1,665	1,666	1,666	1,504	1,578	1,492
mobile silviculture machine																	0	0	0	0	1	0
crane	50	52	53	47	46	49	46	48	46	35	41	36	38	29	25	55	29	21	25	34	26	22
conveying	694	671	707	685	731	688	637	638	658	649	567	596	551	549	537	533	504	517	513	544	526	527

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

other construction machines			1	0	0	0	0	0	2	0	0	2	0	1	0	0	0	0	0	0	0	0
lathe			1	1		1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	
drill press, milling machine			1	0		1	1	1	2	0	1	1	1	0	0	0	0	1	0	0	1	
grinding machine, buffing machine			5	3		4	2	5	3	2	10	8	8	6	4	3	3	2	13	3	5	
power press			0	0		1	0	1	0	2	0	0	1	0	1	0	1	0	0	0	1	
forging pressure hammer			0	0		0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	
shearing machine			1	0		2	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	
other metal manufacturing machines			29	6		19	22	14	12	6	8	6	3	6	6	3	1	3	8	3	4	
centrifugal machine			5	5		2	6	4	0	5	2	4	4	4	7	2	1	1	2	6	5	
mixer, grinder			72	65		62	52	51	55	47	50	58	53	55	45	43	39	36	29	40	43	
roll machine (except printingroll machine)			63	68		74	63	67	66	63	79	60	68	57	75	50	43	75	66	52	61	
injection molding machine			3	4		3	1	4	2	2	0	1	5	4	1	2	0	0	4	2	3	

hauling equipment			316		326		356	370	384	404	356	368	398	383	385	397	433	453	410	441	427	437
human power machine			3		8		8	6	12	11	7	6	9	7	11	10	9	7	11	5	6	10
hand tool			572		632		533	492	591	542	505	523	464	484	496	453	432	392	369	368	382	315
ladder			201		201		184	213	210	201	200	241	206	216	215	182	210	245	204	206	235	239
slinging tool			4		2		5	7	4	1	2	2	2	3	2	3	2	5	3	2	0	1
other tools			352		373		423	432	425	479	383	416	427	393	397	404	447	476	483	432	498	469
other equipment, facilities			257		272		309	298	336	321	306	292	295	311	289	293	320	319	316	307	281	305
scaffolding			8		10		6	8	4	3	7	4	4	6	3	5	8	12	6	3	6	2
timbering			0		0		0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	1
stairs, landing stage			280		263		271	292	292	302	277	264	260	294	272	301	271	306	283	327	347	351
opening			22		14		12	18	14	21	16	10	12	22	14	18	15	21	17	15	23	22
roof, beam, haze, crossbeam, principal rafter			12		15		25	19	12	16	9	14	12	20	10	10	10	5	3	10	4	7
working platform, boot board			371		450		419	453	436	463	443	459	416	410	413	469	442	428	423	409	422	399
passage			924		929		1,064	1,129	1,036	1,151	1,102	1,138	1,154	1,147	1,122	1,136	1,095	1,150	1,240	1,352	1,124	1,179
building,			222		224		254	294	317	273	232	256	204	203	185	211	220	261	237	224	170	169

30-39	1,213	1,220	1,243	1,277	1,353	1,315	1,274	1,381	1,411	1,331	1,307	1,367	1,264	1,316	1,268	1,134	1,130	1,094	1,012	1,052	1,039	1,043
40-49	1,975	1,874	1,851	1,786	1,783	1,710	1,684	1,640	1,665	1,692	1,511	1,622	1,652	1,675	1,730	1,735	1,669	1,664	1,658	1,646	1,582	1,520
50-59	2,774	2,891	2,991	2,874	2,862	2,917	3,003	3,096	2,872	2,866	2,441	2,466	2,380	2,304	2,096	2,125	2,050	2,153	2,082	2,071	1,940	1,989
60 years old or more	1,228	1,233	1,196	1,229	1,238	1,251	1,345	1,382	1,439	1,694	1,629	1,775	1,775	1,707	1,809	1,828	1,903	2,081	2,095	2,327	2,258	2,267
total	8,750	8,763	8,846	8,631	8,697	8,655	8,700	8,763	8,643	8,820	8,050	8,369	8,267	8,170	7,979	7,975	7,831	8,061	7,963	8,162	7,963	7,958

Workers' number of workplace of industrial accidents in food products 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	1,209	1,164	1,226	1,193	1,236	1,171	1,081	1,103	988	968	888	867	866	818	728	716	639	659	676	637	595	529
10-29	1,969	2,110	2,142	2,103	1,989	2,023	2,041	1,917	1,766	1,790	1,671	1,614	1,627	1,525	1,450	1,436	1,371	1,348	1,303	1,339	1,273	1,279
30-49	1,512	1,510	1,467	1,374	1,411	1,401	1,397	1,403	1,389	1,391	1,250	1,256	1,273	1,245	1,146	1,147	1,167	1,105	1,128	1,118	1,066	1,046
50-99	1,586	1,555	1,554	1,520	1,478	1,545	1,491	1,596	1,507	1,504	1,391	1,562	1,470	1,520	1,510	1,386	1,437	1,486	1,433	1,557	1,512	1,584
100-299	1,791	1,747	1,693	1,732	1,782	1,782	1,894	1,912	2,066	2,201	1,937	2,065	1,996	1,981	2,036	2,063	2,062	2,198	2,162	2,277	2,276	2,217
300 workers or more	683	677	764	709	801	733	796	832	927	966	913	1,005	1,035	1,081	1,109	1,227	1,155	1,265	1,261	1,234	1,241	1,303
total	8,750	8,763	8,846	8,631	8,697	8,655	8,700	8,763	8,643	8,820	8,050	8,369	8,267	8,170	7,979	7,975	7,831	8,061	7,963	8,162	7,963	7,958

Month of industrial accidents in food products 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	688	639	726	704	692	735	711	743	632	701	737	630	674	703	686	635	678	707	648	757	696	676
February	757	770	663	583	728	590	660	714	670	770	642	685	583	729	589	709	608	669	637	647	605	666
March	726	688	750	720	686	765	768	718	675	672	621	736	828	646	641	613	682	656	681	698	635	615
April	706	687	755	697	721	741	725	715	733	726	711	727	605	643	640	641	620	693	625	649	632	603
May	771	719	788	738	735	713	711	738	743	794	643	653	677	698	690	637	618	655	702	653	619	570
June	743	720	787	691	766	760	689	721	745	707	624	733	688	693	642	647	696	690	682	679	651	727
July	757	767	762	770	744	748	780	750	760	812	704	723	672	650	699	708	684	658	655	700	732	689
August	699	728	691	716	698	703	682	735	753	673	655	655	668	715	643	633	630	662	658	620	681	657
September	767	782	680	778	748	748	752	732	723	759	693	696	737	687	657	724	645	666	634	657	661	639
October	729	808	764	824	770	759	787	763	778	772	702	738	710	671	686	702	674	661	683	757	723	749
November	701	762	725	766	705	711	710	739	720	732	662	713	694	659	724	650	659	689	706	680	669	676
December	706	693	755	644	704	682	725	695	711	702	656	680	731	676	682	676	637	655	652	665	659	691
total	8,750	8,763	8,846	8,631	8,697	8,655	8,700	8,763	8,643	8,820	8,050	8,369	8,267	8,170	7,979	7,975	7,831	8,061	7,963	8,162	7,963	7,958

Prefecture of industrial accidents in food products 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	727	841	858		802		807	804	793	752	700	696	615	592	643	568	622	639	597	617	565	609
Aomori	112	115	123		138		116	116	127	117	101	112	125	136	108	136	113	122	119	112	93	114

Iwate	162	175	179		116		134	148	128	140	113	122	143	107	92	116	134	104	109	128	111	107
Miyagi	286	282	275		231		262	278	249	261	221	235	310	219	202	217	178	215	203	224	223	194
Akita	54	46	41		46		40	39	45	49	47	34	49	59	45	54	45	46	52	60	58	52
Yamagata	79	91	110		103		98	93	103	97	79	94	106	110	84	88	88	85	74	111	96	93
Fukushima	142	148	122		114		116	129	103	125	121	105	116	96	126	109	118	117	108	111	135	109
Ibaraki	236	227	255		265		278	237	246	256	269	249	262	272	230	244	232	247	279	288	284	277
Tochigi	124	100	108		130		102	115	110	131	114	131	109	149	140	140	146	129	122	135	118	119
Gunma	216	215	206		206		198	216	195	187	219	185	218	202	194	222	192	239	213	224	216	228
Saitama	333	335	407		438		475	494	505	536	450	464	425	468	437	501	461	474	446	437	461	426
Chiba	382	329	330		311		283	360	349	343	352	353	335	361	365	334	370	344	324	379	296	289
Tokyo	244	237	231		259		280	275	217	265	228	250	213	224	188	201	181	197	156	196	219	185
Kanagawa	315	333	271		332		341	339	333	317	307	318	306	332	290	317	321	322	277	285	328	344
Niigata	195	186	230		223		205	224	204	214	193	218	215	216	193	204	184	207	246	235	198	227
Toyama	63	56	59		59		55	49	76	70	43	50	58	56	64	54	41	49	50	61	39	45
Ishikawa	66	55	74		81		79	68	75	86	69	74	58	66	55	61	67	50	73	53	79	54
Fukui	37	52	40		31		35	33	31	27	33	33	32	29	38	38	37	41	39	45	35	24
Yamanashi	48	44	56		47		52	54	51	66	50	53	75	67	86	80	50	59	75	85	80	68
Nagano	200	189	175		164		181	200	182	182	181	177	189	186	186	168	181	175	192	198	214	208
Gifu	156	138	147		142		129	126	154	166	111	132	138	125	115	119	130	153	121	185	148	148
Shizuoka	458	441	422		440		399	429	435	402	380	398	395	412	370	392	421	411	404	372	424	384

Aichi	449	406	439		419		447	446	400	435	405	438	440	411	437	426	419	412	433	411	355	439
Mie	166	190	187		151		149	127	177	142	158	136	159	142	143	140	138	151	144	139	152	120
Shiga	73	62	80		66		74	58	59	69	58	64	68	71	81	75	77	87	76	75	67	67
Kyoto	152	152	162		146		149	157	158	152	136	179	160	154	163	132	132	143	151	153	148	150
Osaka	396	408	420		397		405	360	406	448	385	401	386	375	337	310	378	347	372	344	349	324
Hyogo	359	376	345		348		349	355	325	378	310	369	333	348	327	319	321	347	333	317	344	300
Nara	65	59	59		65		95	48	73	75	73	67	56	57	53	57	61	58	65	67	66	51
Wakayama	90	92	78		104		73	94	104	99	88	105	82	76	90	94	83	73	85	79	66	80
Tottori	53	59	65		58		52	42	52	56	39	50	43	38	45	53	44	42	36	41	47	45
Shimane	54	64	57		49		48	39	42	48	38	36	33	33	41	41	49	32	40	45	34	33
Okayama	126	106	128		131		120	133	152	133	141	140	148	124	141	145	123	120	137	144	148	184
Hiroshima	244	198	248		249		244	243	256	223	191	191	223	209	218	227	205	216	215	209	218	218
Yamaguchi	129	126	126		120		126	112	107	96	104	93	79	107	94	93	94	73	88	83	86	103
Tokushima	81	77	58		52		61	69	53	65	70	53	60	51	65	51	52	52	58	54	53	61
Kagawa	148	127	106		130		150	130	118	121	124	119	112	103	108	114	119	108	98	106	105	87
Ehime	136	140	152		130		137	118	123	158	98	130	117	111	112	138	111	99	83	93	97	125
Kochi	63	97	75		77		73	66	50	65	58	63	62	47	42	34	51	49	45	52	42	48
Fukuoka	345	352	370		365		386	388	383	388	369	354	327	324	310	309	300	313	310	327	304	328
Saga	94	116	109		102		110	114	127	136	81	96	118	116	132	103	85	130	152	144	145	142
Nagasaki	140	160	131		146		136	142	108	107	126	149	147	133	137	141	107	131	122	122	114	119

traffic accident (others)	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	1	2	1	2	3	0	1	42	2	1	1	0	1	1	1	3	1
unclassifiable	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

Causal agents (middle) of fatal accidents in food products 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	0	0	0	0	0	0	0	0	0	0	0	0	0
power transmission mechanism	0	2	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0
woodworking machine	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
construction machine	0	0	0	1	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	0	1	1
metal manufacturing machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
general machine	5	6	4	3	8	6	5	5	3	3	8	4	2	2	3	6	3	2	8	2	5	3
mobile silviculture machine																	0	0	0	0	0	0
crane	1	1	2	4	2	0	3	2	1	1	2	2	1	1	0	0	3	0	2	0	0	0
conveying machine	10	11	7	8	6	10	7	8	6	9	7	10	7	3	7	8	2	6	1	1	2	3

vehicle	7	7	3	4	4	1	8	3	3	3	1	1	1	1	2	4	0	2	2	1	1	1
pressure vessel	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
chemical facilities	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
welding equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
kiln, caldron	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
electric equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power machine, tools	0	0	0	1	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0
tools	1	1	4	0	2	3	1	3	3	1	0	1	1	0	0	0	0	1	1	1	1	0
other equipments, facilities	0	0	0	1	1	3	2	1	2	2	1	0	1	1	0	1	2	1	0	2	1	0
temporary buildings, establishments	2	1	5	4	3	2	2	5	4	2	4	2	1	5	3	2	5	3	2	1	0	2
hazards, harmful substances	1	2	0	1	0	0	0	1	0	0	0	0	0	0	2	1	1	0	2	0	0	0
materials	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0
load	0	0	0	0	0	1	1	2	1	1	0	0	0	1	1	1	0	2	0	0	1	0
natural environment	0	0	2	1	0	0	1	2	0	1	2	1	188	2	3	2	2	0	2	2	1	2
other causal agent	0	0	0	0	0	1	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	1	0	2	3	0	0	0	2	1	1	0	1	1	1	3	0
unclassifiable	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

other kiln, caldron	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
transmission	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
electric power facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
other electrical equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power cranes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
human power hauling equipment	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
human power machine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
hand tool	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
ladder	0	1	4	0	1	2	1	3	3	0	0	1	1	0	0	0	0	1	1	1	0	0
slinging tool	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
other tools	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
other equipment, facilities	0	0	0	1	1	3	2	1	2	2	1	0	1	1	0	1	2	1	0	2	1	0
scaffolding	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
timbering	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
stairs, landing stage	0	1	3	1	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0
opening	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0
roof, beam, haze, crossbeam, principal rafter	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0
working platform, boot	0	0	1	1	0	1	0	0	0	0	2	1	0	2	0	1	1	0	1	0	0	0

water	0	0	1	0	0	0	0	0	0	0	0	0	188	0	0	0	0	0	0	1	0	2
abnormal environment	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0	0
high/cold temperature environment	0	0	1	0	0	0	1	0	0	0	0	0	0	1	3	0	1	0	0	0	1	0
other environments	0	0	0	0	0	0	0	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0
other causal agent	0	0	0	0	0	1	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1
no causal agent	0	0	0	0	0	0	1	0	2	3	0	0	0	2	1	1	0	1	1	1	3	0
unclassifiable	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

Workers age of fatal accidents in food products 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	1	0	2	0	1	0	1	0	0	0	0	2	0	1	2	1	0	1	0	0	0
20-29	2	5	5	7	3	6	7	2	5	1	3	3	11	3	1	2	0	0	1	1	1	1
30-39	4	3	3	4	5	1	2	7	2	9	3	5	27	4	4	0	5	5	3	0	2	2
40-49	7	7	2	4	3	5	7	7	3	5	7	4	42	2	5	8	3	4	5	1	6	1
50-59	6	8	10	5	10	10	12	16	8	5	7	6	67	6	6	4	5	5	10	3	2	2
60 years old or more	8	8	9	6	7	6	6	5	9	6	6	4	55	4	7	10	5	6	3	6	5	7
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

Workers' number of workplace of fatal accidents in food products 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	5	8	4	0	1	7	5	4	5	8	4	1	57	4	5	5	1	6	3	1	2	1
10-29	8	7	10	5	11	11	9	9	5	7	1	5	54	2	8	6	6	1	4	4	4	3
30-49	6	6	6	6	4	2	4	7	6	6	7	4	55	5	3	6	3	3	4	0	0	3
50-99	2	3	2	6	4	4	5	9	8	1	2	2	17	3	3	5	3	2	3	1	2	3
100-299	3	5	7	10	6	3	7	6	3	2	9	7	17	2	3	3	4	8	8	4	5	1
300 workers or more	3	3	0	1	2	2	4	3	0	2	3	3	4	3	2	1	2	0	1	1	3	2
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

Month of fatal accidents in food products in 1999-2020

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
January	1	2	5	3	1	3	4	2	0	5	2	3	2	3	1	2	1	3	0	2	2	2
February	1	5	0	0	3	3	2	6	5	3	3	0	0	1	0	1	2	3	3	0	0	0
March	3	2	2	1	4	3	4	2	7	2	2	1	189	1	0	3	0	2	4	0	3	0
April	1	1	1	1	1	3	2	5	1	2	3	2	1	1	2	3	1	5	1	1	0	1
May	6	0	3	4	0	4	4	3	4	0	3	2	3	2	2	2	1	2	2	1	3	3
June	2	3	0	2	1	2	2	2	1	1	0	1	0	1	4	1	0	0	0	1	1	0

July	1	2	4	3	5	2	4	1	3	4	5	5	2	0	3	1	3	0	5	0	2	0
August	3	7	3	1	0	3	1	7	1	3	3	3	1	4	6	5	6	2	3	2	2	0
September	6	4	1	6	3	2	4	3	1	1	1	0	3	2	2	0	1	0	0	1	3	1
October	2	1	4	3	3	3	2	1	3	1	0	1	0	0	1	3	1	1	2	1	0	3
November	1	3	0	4	2	0	5	2	0	1	1	2	3	3	2	1	1	1	2	1	0	2
December	0	2	6	0	5	1	0	4	1	3	3	2	0	1	1	4	2	1	1	1	0	1
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

Prefecture of fatal accidents in food products 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	2	5	3	5	4	1	7	4	3	1	1	2	0	3	4	2	2	1	1	3	2	3
Aomori	0	0	0	0	0	1	1	0	0	1	1	0	1	0	0	1	0	0	0	0	1	0
Iwate	1	1	0	0	1	0	1	1	1	1	0	1	40	0	0	0	1	0	0	0	0	0
Miyagi	0	1	2	1	1	2	0	2	0	2	0	0	136	0	0	0	0	1	0	0	0	2
Akita	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1
Yamagata	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	1
Fukushima	0	1	0	1	0	1	0	1	1	0	1	1	13	0	0	2	0	2	1	0	1	0
Ibaraki	1	1	2	1	0	1	2	1	0	0	2	0	1	0	0	1	1	0	0	1	3	0
Tochigi	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	1	0	1	0

Gunma	0	0	1	0	0	2	1	2	2	1	3	0	0	0	1	1	0	0	2	0	0	0
Saitama	1	0	3	1	2	1	2	0	1	1	1	2	1	1	0	0	0	0	0	0	0	1
Chiba	0	1	1	2	1	3	0	1	3	1	0	0	0	1	1	0	1	0	2	0	0	1
Tokyo	0	1	0	1	0	1	0	2	0	0	0	0	0	1	1	1	0	1	0	0	0	0
Kanagawa	0	1	1	1	3	1	0	1	1	0	0	1	2	0	0	1	0	1	2	0	0	0
Niigata	2	0	0	1	2	2	1	1	1	2	1	0	0	1	1	1	1	0	1	0	0	0
Toyama	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Ishikawa	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
Fukui	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0
Yamanashi	0	0	1	0	2	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	0
Nagano	0	2	1	1	0	1	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0
Gifu	1	0	0	1	0	0	0	0	0	2	0	0	0	1	0	0	1	0	0	0	0	0
Shizuoka	5	1	1	1	0	1	2	2	1	0	2	0	0	1	2	3	2	2	5	1	1	2
Aichi	2	1	2	0	4	2	1	1	1	0	0	4	1	0	2	0	0	2	1	0	0	0
Mie	0	2	1	1	0	1	0	2	0	3	0	2	0	1	0	0	0	1	0	1	0	0
Shiga	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0
Kyoto	0	0	2	1	0	1	0	3	0	0	0	0	1	0	0	0	1	0	0	0	0	0
Osaka	1	2	1	3	0	0	1	2	0	2	1	0	0	1	1	1	1	1	1	0	0	0
Hyogo	1	1	2	2	1	1	1	4	1	0	3	5	0	0	2	1	1	2	1	2	0	1
Nara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

Wakayama	1	0	0	0	0	1	1	0	1	0	0	0	1	1	0	0	0	1	0	0	0	0
Tottori	0	0	0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Shimane	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Okayama	2	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0
Hiroshima	1	0	0	0	1	0	2	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Yamaguchi	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	0	0	1	0	0
Tokushima	0	2	0	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	1	0
Kagawa	1	1	1	0	1	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1	0
Ehime	0	0	1	0	2	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0
Kochi	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Fukuoka	0	2	0	0	0	1	1	2	1	0	1	0	0	1	1	2	2	0	0	0	0	0
Saga	1	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	1
Nagasaki	0	1	1	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0
Kumamoto	0	0	0	0	0	0	0	1	1	1	3	0	0	0	0	0	1	1	0	1	1	0
Oita	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0
Miyazaki	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Kagoshima	0	1	0	1	0	2	1	0	1	0	1	1	2	0	0	2	1	1	1	0	1	0
Okinawa	1	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13

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