

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	1,448	1,475	46,841
mobile silviculture machine																					1				1
crane	50	52	53	47	46	49	46	48	46	35	41	36	38	29	25	55	29	21	25	34	26	22	30	21	904
conveying machine	694	671	707	685	731	688	637	638	658	649	567	596	551	549	537	533	504	517	513	544	526	527	510	510	14,242
vehicle	151	178	143	139	113	132	144	125	152	129	109	132	105	76	125	93	92	81	85	81	96	73	78	80	2,712
pressure vessel	20	23	20	14	19	15	20	18	21	17	23	7	15	14	11	15	11	11	14	9	11	13	9	10	360
chemical facilities	4	4	7	5	5	2		3		6	1	1	2	2		2	2	4	2		4	2	2	4	64
welding equipment	2		2		2	1			1	1	2	1	1	1											14
kiln, caldron	28	38	44	41	43	37	36	31	38	32	39	56	21	31	53	38	31	32	41	34	59	41	45	53	942
electric equipment	13	12	14	14	9	25	11	16	14	16	8	11	19	11	16	15	16	19	14	14	17	14	16	23	357
human power machine, tools	884	903	891	953	971	885	899	872	989	958	870	898	873	875	893	862	875	854	794	819	857	829	882	872	21,258
tools	551	527	557	516	576	651	612	652	639	681	585	659	635	612	614	589	659	726	690	640	733	709	742	712	15,267
other equipments, facilities	279	263	257	276	272	277	309	298	336	321	306	292	295	311	289	293	320	319	316	307	281	305	356	334	7,212
temporary buildings, establishments	1,835	1,870	1,966	1,974	2,072	2,146	2,206	2,371	2,245	2,378	2,220	2,303	2,191	2,253	2,144	2,291	2,196	2,342	2,318	2,509	2,261	2,309	2,385	2,406	53,191
hazards, harmful substances	94	86	118	121	125	113	113	118	96	109	95	98	114	113	126	131	106	113	105	82	87	97	85	104	2,549
materials	319	280	255	238	232	245	220	273	243	214	200	192	195	230	200	197	174	185	196	211	200	170	158	212	5,239

conveying machines			12		30		24	22	29	13	18	30	22	27	19	19	18	16	14	19	23	21	17	25	418
cars, bus, motorcycle			137		105		138	116	139	126	98	127	100	70	120	90	88	78	83	76	90	71	74	74	2,000
railway vehicle					1									1							2				4
other vehicles			6		7		6	9	13	3	11	5	5	5	5	3	4	3	2	5	4	2	4	6	108
boiler			4		4		7	2	3	2	5	3	2	2	1	5	1	2	2	2	2	4	2		55
pressure vessel			12		11		9	10	12	11	12	1	10	11	7	7	8	5	12	5	8	7	5	6	169
other pressure vessels			4		4		4	6	6	4	6	3	3	1	3	3	2	4		2	1	2	2	4	64
chemical facilities			7		5			3		6	1	1	2	2		2	2	4	2		4	2	2	4	49
gas welding equipment			1		1					1															3
arc welding equipment			1		1				1		1		1	1											6
other welding equipment											1	1													2
kiln, caldron			32		33		28	22	31	26	31	46	15	25	46	29	25	24	34	25	49	34	38	46	639
industrial dryer			8		2		5	4	2	4	3	5	3	4	2	6	3	2	3	6	3	3	3	5	76
other kiln, caldron			4		8		3	5	5	2	5	5	3	2	5	3	3	6	4	3	7	4	4	2	83
transmission			6		4		5	8	8	12	2	3	5	3	11	7	9	7	9	10	13	10	10	16	158
electric power facilities			1		1			1	3		2	3	2	2		1	3	1	1	1		1	1		24
other electrical			7		4		6	7	3	4	4	5	12	6	5	7	4	11	4	3	4	3	5	7	111

water			16		27		21	33	19	23	14	10	207	26	25	20	9	20	16	24	23	27	10	9	579
abnormal environment			1		2			5	3	4	3	1	3	4	7	1		1	1		1	1			38
high/cold temperature environment			55		47		42	43	46	52	34	52	42	58	61	73	62	62	58	93	77	82	73	84	1,196
other environments			99		75		92	90	69	79	67	73	91	129	119	120	92	110	127	117	73	84	102	119	1,927
other causal agent			157		135		123	155	132	142	96	97	128	114	132	150	125	106	114	115	104	179	929	105	3,338
no causal agent			219		220		203	246	231	249	246	267	253	266	253	270	276	243	299	363	337	365	406	410	5,622
unclassifiable			20		14		21	11	11	16	19	9	14	13	10	12	7	9	6	20	10	6	4	9	241
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	8,890	8,133	201,039

Workers age of fatal and non-fatal accidents in food products 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	265	259	248	226	236	187	194	182	174	150	167	151	174	153	158	152	159	158	138	145	153	168	123	123	4,243
20-29	1,295	1,286	1,317	1,239	1,225	1,275	1,200	1,082	1,082	1,087	995	988	1,022	1,015	918	1,001	920	911	978	921	991	971	1,368	1,092	26,179
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	1,153	946	29,143
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	1,643	1,466	40,433
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	2,160	2,119	59,522
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	2,443	2,387	41,519
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	8,890	8,133	201,039

Workers' number of workplace of fatal and non-fatal accidents in food products 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	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	539	492	20,988
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	1,388	1,275	39,749
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	1,079	1,159	30,440
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	1,614	1,567	36,365
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	2,670	2,370	48,910
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	1,600	1,270	24,587
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	8,890	8,133	201,039

Month of fatal and non-fatal accidents in food products 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	688	639	726	704	692	735	711	743	632	701	737	630	674	703	686	635	678	707	648	757	696	676	756	682	16,636
February	757	770	663	583	728	590	660	714	670	770	642	685	583	729	589	709	608	669	637	647	605	666	671	678	16,023
March	726	688	750	720	686	765	768	718	675	672	621	736	828	646	641	613	682	656	681	698	635	615	712	639	16,571
April	706	687	755	697	721	741	725	715	733	726	711	727	605	643	640	641	620	693	625	649	632	603	733	661	16,389
May	771	719	788	738	735	713	711	738	743	794	643	653	677	698	690	637	618	655	702	653	619	570	700	673	16,638
June	743	720	787	691	766	760	689	721	745	707	624	733	688	693	642	647	696	690	682	679	651	727	693	762	16,936
July	757	767	762	770	744	748	780	750	760	812	704	723	672	650	699	708	684	658	655	700	732	689	718	688	17,330
August	699	728	691	716	698	703	682	735	753	673	655	655	668	715	643	633	630	662	658	620	681	657	897	622	16,474

September	767	782	680	778	748	748	752	732	723	759	693	696	737	687	657	724	645	666	634	657	661	639	883	663	17,111
October	729	808	764	824	770	759	787	763	778	772	702	738	710	671	686	702	674	661	683	757	723	749	673	682	17,565
November	701	762	725	766	705	711	710	739	720	732	662	713	694	659	724	650	659	689	706	680	669	676	714	659	16,825
December	706	693	755	644	704	682	725	695	711	702	656	680	731	676	682	676	637	655	652	665	659	691	740	724	16,541
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	8,890	8,133	201,039

Prefecture of fatal and non-fatal accidents in food products 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	727	841	858		802		807	804	793	752	700	696	615	592	643	568	622	639	597	617	565	609	654	598	15,099
Aomori	112	115	123		138		116	116	127	117	101	112	125	136	108	136	113	122	119	112	93	114	124	113	2,592
Iwate	162	175	179		116		134	148	128	140	113	122	143	107	92	116	134	104	109	128	111	107	128	126	2,822
Miyagi	286	282	275		231		262	278	249	261	221	235	310	219	202	217	178	215	203	224	223	194	257	203	5,225
Akita	54	46	41		46		40	39	45	49	47	34	49	59	45	54	45	46	52	60	58	52	57	61	1,079
Yamagata	79	91	110		103		98	93	103	97	79	94	106	110	84	88	88	85	74	111	96	93	113	93	2,088
Fukushima	142	148	122		114		116	129	103	125	121	105	116	96	126	109	118	117	108	111	135	109	140	127	2,637
Ibaraki	236	227	255		265		278	237	246	256	269	249	262	272	230	244	232	247	279	288	284	277	303	272	5,708
Tochigi	124	100	108		130		102	115	110	131	114	131	109	149	140	140	146	129	122	135	118	119	133	132	2,737
Gunma	216	215	206		206		198	216	195	187	219	185	218	202	194	222	192	239	213	224	216	228	221	241	4,653
Saitama	333	335	407		438		475	494	505	536	450	464	425	468	437	501	461	474	446	437	461	426	568	447	9,988
Chiba	382	329	330		311		283	360	349	343	352	353	335	361	365	334	370	344	324	379	296	289	403	310	7,502
Tokyo	244	237	231		259		280	275	217	265	228	250	213	224	188	201	181	197	156	196	219	185	210	182	4,838
Kanagawa	315	333	271		332		341	339	333	317	307	318	306	332	290	317	321	322	277	285	328	344	381	341	7,050

Niigata	195	186	230		223		205	224	204	214	193	218	215	216	193	204	184	207	246	235	198	227	275	215	4,707
Toyama	63	56	59		59		55	49	76	70	43	50	58	56	64	54	41	49	50	61	39	45	43	41	1,181
Ishikawa	66	55	74		81		79	68	75	86	69	74	58	66	55	61	67	50	73	53	79	54	69	61	1,473
Fukui	37	52	40		31		35	33	31	27	33	33	32	29	38	38	37	41	39	45	35	24	26	33	769
Yamanashi	48	44	56		47		52	54	51	66	50	53	75	67	86	80	50	59	75	85	80	68	56	87	1,389
Nagano	200	189	175		164		181	200	182	182	181	177	189	186	186	168	181	175	192	198	214	208	206	233	4,167
Gifu	156	138	147		142		129	126	154	166	111	132	138	125	115	119	130	153	121	185	148	148	213	141	3,137
Shizuoka	458	441	422		440		399	429	435	402	380	398	395	412	370	392	421	411	404	372	424	384	397	395	8,981
Aichi	449	406	439		419		447	446	400	435	405	438	440	411	437	426	419	412	433	411	355	439	426	417	9,310
Mie	166	190	187		151		149	127	177	142	158	136	159	142	143	140	138	151	144	139	152	120	131	141	3,283
Shiga	73	62	80		66		74	58	59	69	58	64	68	71	81	75	77	87	76	75	67	67	72	82	1,561
Kyoto	152	152	162		146		149	157	158	152	136	179	160	154	163	132	132	143	151	153	148	150	155	148	3,332
Osaka	396	408	420		397		405	360	406	448	385	401	386	375	337	310	378	347	372	344	349	324	367	309	8,224
Hyogo	359	376	345		348		349	355	325	378	310	369	333	348	327	319	321	347	333	317	344	300	335	341	7,479
Nara	65	59	59		65		95	48	73	75	73	67	56	57	53	57	61	58	65	67	66	51	63	63	1,396
Wakayama	90	92	78		104		73	94	104	99	88	105	82	76	90	94	83	73	85	79	66	80	86	77	1,898
Tottori	53	59	65		58		52	42	52	56	39	50	43	38	45	53	44	42	36	41	47	45	62	52	1,074
Shimane	54	64	57		49		48	39	42	48	38	36	33	33	41	41	49	32	40	45	34	33	43	29	928
Okayama	126	106	128		131		120	133	152	133	141	140	148	124	141	145	123	120	137	144	148	184	200	151	3,075
Hiroshima	244	198	248		249		244	243	256	223	191	191	223	209	218	227	205	216	215	209	218	218	251	220	4,916
Yamaguchi	129	126	126		120		126	112	107	96	104	93	79	107	94	93	94	73	88	83	86	103	76	94	2,209
Tokushima	81	77	58		52		61	69	53	65	70	53	60	51	65	51	52	52	58	54	53	61	78	66	1,340
Kagawa	148	127	106		130		150	130	118	121	124	119	112	103	108	114	119	108	98	106	105	87	132	107	2,572

Ehime	136	140	152		130		137	118	123	158	98	130	117	111	112	138	111	99	83	93	97	125	106	95	2,609
Kochi	63	97	75		77		73	66	50	65	58	63	62	47	42	34	51	49	45	52	42	48	51	46	1,256
Fukuoka	345	352	370		365		386	388	383	388	369	354	327	324	310	309	300	313	310	327	304	328	357	313	7,522
Saga	94	116	109		102		110	114	127	136	81	96	118	116	132	103	85	130	152	144	145	142	126	125	2,603
Nagasaki	140	160	131		146		136	142	108	107	126	149	147	133	137	141	107	131	122	122	114	119	107	124	2,849
Kumamoto	177	169	146		176		142	160	157	133	144	118	113	122	149	114	123	120	134	140	128	133	139	153	3,090
Oita	83	84	86		81		57	76	65	72	49	61	50	57	61	52	51	55	53	58	44	45	44	44	1,328
Miyazaki	145	165	172		148		132	145	145	155	154	179	150	141	122	134	125	132	115	119	103	130	170	138	3,119
Kagoshima	256	260	243		228		243	248	216	202	188	203	228	222	214	224	197	235	236	212	224	211	211	228	4,929
Okinawa	91	83	85		81		77	67	76	75	82	92	81	114	106	86	74	111	103	87	104	111	125	118	2,029
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	8,890	8,133	201,039

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)

Return to https://www.jisha.or.jp/english/statistics/2022e_industry.html

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Fatal accidents in food products in Japan in 1999-2022

food products industry Code No.0101

construction machine				1				2			1									1	1				6
metal manufacturing machine																									
general machine	5	6	4	3	8	6	5	5	3	3	8	4	2	2	3	6	3	2	8	2	5	3	2	3	101
mobile silviculture machine																									
crane	1	1	2	4	2		3	2	1	1	2	2	1	1			3		2					1	29
conveying machine	10	11	7	8	6	10	7	8	6	9	7	10	7	3	7	8	2	6	1	1	2	3	3	4	146
vehicle	7	7	3	4	4	1	8	3	3	3	1	1	1	1	2	4		2	2	1	1	1	1		61
pressure vessel		1						1											1						3
chemical facilities			1																						1
welding equipment																									
kiln, caldron					1	2												1	1					6	11
electric equipment																									
human power machine, tools				1			1	1						1			1								5
tools	1	1	4		2	3	1	3	3	1		1	1					1	1	1	1		1		26
other equipments, facilities				1	1	3	2	1	2	2	1		1	1		1	2	1		2	1		2	1	25
temporary buildings, establishments	2	1	5	4	3	2	2	5	4	2	4	2	1	5	3	2	5	3	2	1		2	2	5	67
hazards, harmful substances	1	2		1				1							2	1	1		2				1		12
materials									1						2										3
load						1	1	2	1	1				1	1	1		2			1			2	14
natural environment			2	1			1	2		1	2	1	188	2	3	2	2		2	2	1	2			214
other causal agent						1	2	1				1	1									1	1		8
no causal agent							1		2	3				2	1	1		1	1	1	3				16

mobile crane																									
derrick crane																									
elevator, lift	1	1	2	3	2		1	1	1	1	2	2	1				3		1					1	23
cargo lifting appliance																									
gondola																									
lumberyard equipment, logging cableway																									
simple skyline yarding equipment																									
other powered crane				1			1																		2
truck	6	10	4	2	5	5	5	5	4	5	3	3	2	2	2	3	1	2			2	1	2	3	77
forklift	4	1	2	4		4	1	3	1	1	3	1	4	1	2	4	1	2	1			1		1	42
railway equipment				1																					1
conveyor						1	1		1	2		4	1		2			2		1		1	1		17
loader																									
straddle carrier																									
rough terrain hauler																									
other powered conveying machines			1	1	1					1	1	2			1	1									9
cars, bus, motorcycle	7	7	3	4	3	1	8	3	3	3			1	1	2	4		2	2	1	1	1	1		58
railway vehicle																									
other vehicles					1								1	1											3
boiler																									
pressure vessel		1						1											1						3

10-29	8	7	10	5	11	11	9	9	5	7	1	5	54	2	8	6	6	1	4	4	4	3	4	7	191
30-49	6	6	6	6	4	2	4	7	6	6	7	4	55	5	3	6	3	3	4			3		4	150
50-99	2	3	2	6	4	4	5	9	8	1	2	2	17	3	3	5	3	2	3	1	2	3	2	2	94
100-299	3	5	7	10	6	3	7	6	3	2	9	7	17	2	3	3	4	8	8	4	5	1	4	2	129
300 workers or more	3	3		1	2	2	4	3		2	3	3	4	3	2	1	2		1	1	3	2	1	6	52
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13	13	22	756

Month of fatal accidents in food products 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	5	3	1	3	4	2		5	2	3	2	3	1	2	1	3		2	2	2	1	4	54
February	1	5			3	3	2	6	5	3	3			1		1	2	3	3				3	6	50
March	3	2	2	1	4	3	4	2	7	2	2	1	189	1		3		2	4		3		1	1	237
April	1	1	1	1	1	3	2	5	1	2	3	2	1	1	2	3	1	5	1	1		1		1	40
May	6		3	4		4	4	3	4		3	2	3	2	2	2	1	2	2	1	3	3	1		55
June	2	3		2	1	2	2	2	1	1		1		1	4	1				1	1		1	1	27
July	1	2	4	3	5	2	4	1	3	4	5	5	2		3	1	3		5		2		2	1	58
August	3	7	3	1		3	1	7	1	3	3	3	1	4	6	5	6	2	3	2	2			2	68
September	6	4	1	6	3	2	4	3	1	1	1		3	2	2		1			1	3	1	1	2	48
October	2	1	4	3	3	3	2	1	3	1		1			1	3	1	1	2	1		3		2	38
November	1	3		4	2		5	2		1	1	2	3	3	2	1	1	1	2	1		2	1	1	39
December		2	6		5	1		4	1	3	3	2		1	1	4	2	1	1	1		1	2	1	42
total	27	32	29	28	28	29	34	38	27	26	26	22	204	19	24	26	19	20	23	11	16	13	13	22	756

Prefecture of fatal accidents in food products 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	2	5	3	5	4	1	7	4	3	1	1	2		3	4	2	2	1	1	3	2	3		1	60
Aomori						1	1			1	1		1			1					1			1	8
Iwate	1	1			1		1	1	1	1		1	40				1						1		50
Miyagi		1	2	1	1	2		2		2			136					1				2	1		151
Akita										1				1	1							1		1	5
Yamagata									1			1	1			1						1			5
Fukushima		1		1		1		1	1		1	1	13			2		2	1		1			2	28
Ibaraki	1	1	2	1		1	2	1			2		1			1	1			1	3			1	19
Tochigi										1	1				1		1		1		1				6
Gunma			1			2	1	2	2	1	3				1	1				2					16
Saitama	1		3	1	2	1	2		1	1	1	2	1	1								1	1	3	22
Chiba		1	1	2	1	3		1	3	1				1	1		1		2			1			19
Tokyo		1		1		1		2						1	1	1		1							9
Kanagawa		1	1	1	3	1		1	1			1	2			1		1	2						16
Niigata	2			1	2	2	1	1	1	2	1			1	1	1	1		1					6	24
Toyama										1											1			1	3
Ishikawa										1									1						2
Fukui														1	2										3
Yamanashi			1		2					1	1					1					1			1	8

