

general machine	1,157	1,222	1,133	1,170	1,112	1,078	1,057	992	922	1,002	945	912	925	916	877	849	810	832	815	730	761	741	710	764	22,432
mobile silviculture machine																									
crane	23	24	29	21	21	24	21	26	24	21	21	12	22	15	11	30	14	10	15	14	12	12	16	12	450
conveying machine	279	280	273	268	303	324	268	265	288	306	226	260	233	249	254	246	245	244	206	253	248	254	245	253	6,270
vehicle	67	85	71	79	58	72	75	73	82	60	58	72	50	40	74	60	48	53	47	46	63	38	51	47	1,469
pressure vessel	9	11	9	6	9	7	6	7	7	8	9	2	11	9	6	8	8	7	9	6	6	6	6	8	180
chemical facilities	2	2	1	1	2			2		2	1		1	2		1	1	2	1		2	1	1		25
welding equipment	2		1						1		2		1												7
kiln, caldron	14	24	31	26	29	23	21	19	23	20	32	40	13	14	44	26	20	23	27	21	43	29	28	26	616
electric equipment	1	5	6	9	9	9	6	5	6	10	4	6	12	4	11	9	10	9	4	9	8	4	10	10	176
human power machine, tools	452	456	457	551	528	519	532	500	571	562	500	537	524	540	510	502	504	517	493	477	497	464	530	487	12,210
tools	234	237	241	236	272	318	298	323	305	344	302	331	336	320	329	282	333	360	343	326	401	380	380	367	7,598
other equipments, facilities	144	135	139	135	148	144	162	181	157	168	191	164	173	188	175	172	179	180	189	164	164	160	207	178	3,997
temporary buildings, establishments	877	924	959	983	1,067	1,160	1,207	1,304	1,205	1,282	1,184	1,277	1,237	1,265	1,189	1,318	1,202	1,338	1,279	1,394	1,221	1,277	1,309	1,354	28,812
hazards, harmful substances	48	47	70	73	67	71	66	80	50	66	57	57	65	66	78	69	55	62	61	49	49	51	48	56	1,461
materials	137	142	137	122	100	132	119	144	131	114	85	100	99	129	100	100	79	84	114	99	108	82	79	99	2,635

conveying machines			6		16		14	15	13	6	9	17	9	13	10	14	10	5	8	11	14	11	9	15	225
cars, bus, motorcycle			65		56		71	70	76	59	55	70	48	37	71	58	48	52	46	45	61	38	50	44	1,120
railway vehicle					1									1											2
other vehicles			6		1		4	3	6	1	3	2	2	2	3	2		1	1	1	2		1	3	44
boiler			2		3		4	1		2	2	1	1	2	1	4	1	1	2	1	2	1			31
pressure vessel			5		6		2	4	6	4	4		8	6	4	3	5	4	7	4	4	5	4	5	90
other pressure vessels			2					2	1	2	3	1	2	1	1	1	2	2		1			2	3	26
chemical facilities			1		2			2		2	1		1	2		1	1	2	1		2	1	1		20
gas welding equipment			1																						1
arc welding equipment									1		1		1												3
other welding equipment										1															1
kiln, caldron			23		23		15	14	19	18	26	34	9	11	39	21	17	19	23	18	36	25	23	23	436
industrial dryer			6		1		5	2	1		2	3	2	2	2	2	1	2	1	2	2	3	3	1	43
other kiln, caldron			2		5		1	3	3	2	4	3	2	1	3	3	2	2	3	1	5	1	2	2	50
transmission			2		4		4	3	6	8	1		3	1	9	5	6	1	2	6	5	2	7	6	81
electric power facilities					1							2					2		1	1		1			8
other electrical			4		4		2	2		2	3	4	9	3	2	4	2	8	1	2	3	1	3	4	63

water			12		14		16	18	13	14	11	7	23	22	13	16	5	15	10	16	13	16	3	6	263
abnormal environment					1				1	3			1	1	4	1			1		1	1			15
high/cold temperature environment			30		34		28	20	29	29	15	24	27	40	32	45	36	43	30	48	38	39	37	48	672
other environments			30		34		40	30	28	41	23	33	38	50	54	52	32	49	60	57	32	39	40	55	817
other causal agent			88		78		61	92	64	87	53	62	73	75	81	79	71	64	57	70	61	93	523	62	1,894
no causal agent			112		114		102	132	109	124	119	128	137	139	126	137	149	133	158	204	178	223	239	224	2,987
unclassifiable			11		7		14	6	6	13	8	5	9	4	4	5	3	2	2	8	5	3	2	4	121
total	4,036	4,078	4,138	4,250	4,257	4,393	4,401	4,519	4,334	4,591	4,110	4,343	4,290	4,360	4,266	4,259	4,087	4,350	4,213	4,308	4,234	4,250	4,799	4,385	103,251

Workers age of fatal and non-fatal accidents in other foods 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	106	108	101	101	91	75	67	80	74	62	71	55	70	72	68	79	58	81	66	72	63	81	69	47	1,817
20-29	556	519	577	550	536	565	539	460	446	453	418	417	436	451	403	478	410	425	448	400	489	439	649	565	11,629
30-39	580	617	623	642	674	652	667	693	730	705	678	725	619	659	635	564	542	573	496	541	500	498	584	464	14,661
40-49	945	870	903	933	947	914	859	899	888	905	801	895	929	966	989	946	950	930	893	902	899	858	904	794	21,719
50-59	1,356	1,428	1,437	1,483	1,468	1,587	1,553	1,700	1,472	1,553	1,270	1,305	1,273	1,248	1,153	1,171	1,072	1,139	1,106	1,099	1,023	1,096	1,206	1,135	31,333
60 years old or more	493	536	497	541	541	600	716	687	724	913	872	946	963	964	1,018	1,021	1,055	1,202	1,204	1,294	1,260	1,278	1,387	1,380	22,092
total	4,036	4,078	4,138	4,250	4,257	4,393	4,401	4,519	4,334	4,591	4,110	4,343	4,290	4,360	4,266	4,259	4,087	4,350	4,213	4,308	4,234	4,250	4,799	4,385	103,251

September	344	381	328	376	380	404	368	396	366	404	367	384	399	391	366	390	352	377	325	336	373	356	557	371	9,091
October	332	394	360	385	378	374	409	404	378	411	347	366	372	353	355	385	355	350	372	404	382	393	349	376	8,984
November	336	329	297	390	332	354	383	380	330	388	354	369	362	339	370	326	337	385	380	372	359	356	373	359	8,560
December	318	312	338	301	310	354	354	337	357	301	335	351	364	367	354	337	316	345	338	349	350	333	387	380	8,188
total	4,036	4,078	4,138	4,250	4,257	4,393	4,401	4,519	4,334	4,591	4,110	4,343	4,290	4,360	4,266	4,259	4,087	4,350	4,213	4,308	4,234	4,250	4,799	4,385	103,251

Prefecture of fatal and non-fatal accidents in other foods 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	181	230	268		307		287	284	274	292	220	249	221	206	214	181	206	257	225	213	226	249	242	252	5,284
Aomori	38	31	34		35		30	44	36	38	31	35	40	40	31	47	34	40	48	40	23	32	42	47	816
Iwate	36	37	44		37		39	28	30	42	17	32	36	39	31	34	47	30	26	33	32	40	52	48	790
Miyagi	76	89	81		87		113	120	97	78	86	92	98	99	97	108	73	100	109	114	92	75	123	83	2,090
Akita	27	22	20		17		18	17	28	29	26	19	32	33	24	30	21	29	30	38	39	30	40	37	606
Yamagata	36	33	37		40		41	30	41	46	29	37	50	41	36	46	53	45	28	49	41	46	61	49	915
Fukushima	58	65	42		43		56	55	45	61	64	59	51	54	75	66	71	73	58	68	82	67	53	67	1,333
Ibaraki	110	116	134		132		128	97	115	129	131	119	125	141	134	120	106	119	146	149	147	149	183	146	2,876
Tochigi	68	45	59		68		63	76	65	81	77	82	60	76	78	86	81	73	69	75	67	73	77	81	1,580
Gunma	113	132	123		105		130	139	117	111	115	121	148	129	124	143	123	164	133	148	148	143	161	160	2,930
Saitama	212	226	271		240		306	336	321	334	288	300	279	281	265	297	284	273	262	253	267	248	283	262	6,088
Chiba	199	178	187		191		174	224	184	220	214	218	210	236	231	204	224	222	188	219	169	176	242	187	4,497
Tokyo	149	143	138		165		185	183	151	196	150	172	136	144	107	141	115	118	86	128	148	108	125	117	3,105
Kanagawa	186	231	169		212		206	209	202	190	197	193	201	218	181	207	220	220	173	193	217	226	246	216	4,513

Niigata	92	92	112		92		100	108	93	94	97	104	117	118	101	111	102	114	129	134	106	119	172	91	2,398
Toyama	27	23	23		26		17	22	38	37	27	32	22	24	42	24	22	27	33	39	21	32	20	19	597
Ishikawa	34	25	41		47		42	37	46	49	41	34	24	37	30	30	40	34	47	30	45	34	31	41	819
Fukui	23	26	18		11		16	22	12	16	17	20	20	16	28	20	24	27	25	23	13	12	11	24	424
Yamanashi	14	23	28		18		24	27	17	30	25	27	23	37	35	43	24	24	29	36	38	38	25	42	627
Nagano	98	107	93		104		107	108	104	93	93	99	110	116	124	101	111	108	128	121	137	148	130	140	2,480
Gifu	77	73	73		93		74	76	103	91	64	72	83	71	75	75	69	104	82	116	91	82	141	78	1,863
Shizuoka	207	180	168		184		177	221	225	185	186	178	203	224	184	208	216	188	176	190	214	177	192	207	4,290
Aichi	242	234	229		234		245	268	239	266	255	255	253	246	266	263	249	249	262	230	215	271	242	249	5,462
Mie	63	66	75		44		70	55	80	70	63	60	63	79	70	69	69	78	69	59	66	61	82	66	1,477
Shiga	39	36	47		38		53	41	39	43	38	47	48	47	50	49	47	59	49	49	45	45	50	51	1,010
Kyoto	83	92	77		92		73	83	74	94	77	105	90	86	97	84	82	91	94	88	91	91	107	92	1,943
Osaka	263	274	278		246		288	239	275	269	236	259	238	262	236	207	227	220	240	210	217	202	238	191	5,315
Hyogo	197	186	183		185		201	216	157	192	167	237	213	220	190	177	175	188	182	170	180	152	196	205	4,169
Nara	34	39	35		56		73	35	42	61	53	48	44	43	36	39	47	46	45	42	44	34	45	39	980
Wakayama	26	31	27		46		31	39	47	45	47	54	43	36	46	47	42	38	44	45	34	49	43	49	909
Tottori	7	8	19		15		10	8	14	12	5	15	12	10	14	13	9	11	13	12	10	13	14	10	254
Shimane	15	26	26		21		27	23	21	26	23	27	14	19	28	22	34	20	25	26	18	19	23	15	498
Okayama	77	69	86		82		65	79	93	95	89	99	113	92	96	111	74	79	90	103	95	103	94	108	1,992
Hiroshima	148	120	150		152		132	152	173	152	123	122	140	125	137	137	123	126	140	123	138	136	126	130	3,005
Yamaguchi	35	40	30		28		40	45	33	37	29	33	28	41	36	28	31	20	36	34	32	33	35	30	734
Tokushima	19	24	16		10		21	20	14	23	34	17	17	16	20	20	17	19	26	21	23	26	35	34	472
Kagawa	104	75	72		92		107	94	91	101	96	87	75	75	79	81	98	90	71	85	83	69	107	83	1,915

Ehime	61	61	67		57		60	56	60	71	39	67	51	41	46	61	50	40	40	43	41	58	50	42	1,162
Kochi	23	39	38		40		27	28	16	22	16	16	30	14	13	16	16	17	17	25	17	19	21	18	488
Fukuoka	177	157	188		191		229	208	205	230	224	189	173	171	178	157	158	161	162	164	168	183	198	181	4,052
Saga	41	41	45		49		36	52	43	60	39	52	66	62	64	47	36	62	61	74	72	78	81	64	1,225
Nagasaki	57	77	57		70		68	63	43	54	40	56	71	53	70	53	34	53	58	46	39	55	49	51	1,217
Kumamoto	70	66	50		63		48	56	51	44	49	40	34	54	63	51	46	53	63	57	63	52	70	79	1,222
Oita	21	37	28		32		23	32	22	22	18	20	16	27	23	22	22	27	20	21	19	19	20	22	513
Miyazaki	40	32	51		59		39	56	64	61	60	42	36	36	22	40	39	39	43	34	21	40	64	38	956
Kagoshima	83	79	57		59		60	76	59	62	59	54	90	70	74	89	57	97	77	86	80	68	72	68	1,576
Okinawa	50	42	44		42		42	32	35	37	36	48	43	55	65	54	39	78	56	52	60	70	85	76	1,141
total	4,036	4,078	4,138	4,250	4,257	4,393	4,401	4,519	4,334	4,591	4,110	4,343	4,290	4,360	4,266	4,259	4,087	4,350	4,213	4,308	4,234	4,250	4,799	4,385	103,251

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 other foods in Japan in 1999-2022

other foods industry Code No.010109

mobile crane																								
derrick crane																								
elevator, lift	1		3			1	1				1				1	1						9		
cargo lifting appliance																								
gondola																								
lumberyard equipment, logging cableway																								
simple skyline yarding equipment																								
other powered crane																								
truck	2	6	2	1	2	1	3	3	4	4	2	2	1	1	2		2			1	1	1	1	42
forklift	2	1	1	1		3		2					2		2	2	1						1	18
railway equipment				1																			1	
conveyor						1			1	2		1			1				1		1	1		9
loader																								
straddle carrier																								
rough terrain hauler																								
other powered conveying machines				1								1	1			1								4
cars, bus, motorcycle	2	1	1	3	1		2	1	2				1		2	1		1	1		1			20
railway vehicle																								
other vehicles																								
boiler																								
pressure vessel								1									1							2

roof, beam, haze, crossbeam, principal rafter								1	1														2
working platform, boot board			1	1						1			1		1	1						2	8
passage								2			1				1						1		5
building, establishment	1		1	1	1			1					1	1					1			1	9
other temporary buildings, establishments																							
explosive substance																							
inflammable substance																							
inflammable gas																							
harmful substance															1	1		1					3
radiation																							
other hazards, harmful substances				1																			1
metal material																							
lumber, bamboo																							
stone, sand, substance																							
other materials								1						2									3
load					1			1											1			1	4
machine/equipment as load							1								1								2
natural ground, rock																							
standing tree															1								1
water			1										11								1		13
abnormal environment																		1					1

10-29	3	3	3	4	3	3	1	5	1	3		4	2	1	6	3	3		2	3	1		2	3	59
30-49	3	3	1	6	3	1	2	4	6	3	4	1		1	1	3	1	1	2			1		3	50
50-99	2	1		2	2	1	2	5	6		2			1		2	3	1	1			2	2	1	36
100-299	2	2	2	5	1	2	2	3	2	2	2	2	3	1		2	2	2	3	1	4		1	1	47
300 workers or more		1				1		1				1		1	1		1					1	1		9
total	12	13	10	17	9	13	9	21	16	11	11	8	18	8	13	13	10	6	10	5	6	4	8	9	260

Month of fatal accidents in other foods 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	1	1	3		1	1	1		3		2	2	2		1		2		2			1	4	28
February	1	1			1	1	1	4	1	1	1						1	1	2				3		19
March	1	2	1		1		1	1	3		1		12			2		1	1		1				28
April	1		1	1		1		2	1		2		1	1	1	1	1	1		1		1		1	18
May	3			2		3	2	2	4		2		1	2	2				1	1	1				26
June		1		2		2		1	1	1		1			1						1		1	1	13
July			2	1	1	2	2	1	2	1	2	1	1		1	1	1		2		1			1	23
August	1	5	1			1		4	1	1	2	1		1	4	3	3		1		1			1	31
September	3	3	1	4	2	1	1	2					1	1			1				1		1	1	23
October	1		1	2	2			1	2	1		1			1	1	1	1	2			2			19
November				2	1		1	1				2		1	2	1			1			1			13
December			2		1	1		1	1	3	1				1	3	2			1			2		19
total	12	13	10	17	9	13	9	21	16	11	11	8	18	8	13	13	10	6	10	5	6	4	8	9	260

