

other equipment	315	342	321	317	299	294	299	248	293	254	199	222	220	199	223	207	227	220	200	168	194	189	204	196	5,850
temporary buildings, establishments	332	357	356	363	329	303	315	356	308	303	302	294	268	268	233	287	259	244	265	266	260	277	258	279	7,082
substance, material	90	61	43	50	68	50	39	51	39	44	36	28	41	54	39	41	40	38	25	56	35	35	22	45	1,070
load	120	133	158	128	98	104	118	109	112	93	86	94	61	87	69	69	69	87	62	69	54	78	75	61	2,194
environment	22	55	41	20	31	34	29	39	17	20	17	22	188	32	33	43	29	33	37	30	37	38	29	25	901
others	71	66	74	63	53	43	52	53	55	43	42	43	45	46	65	55	45	42	44	62	51	64	109	52	1,338
total	1,534	1,622	1,577	1,473	1,407	1,348	1,330	1,295	1,275	1,199	1,098	1,099	1,210	1,080	998	1,040	1,051	1,014	971	935	958	1,000	1,014	934	28,462

Causal agents (middle) of fatal and non-fatal accidents in fishery products in 1999-2022

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	2021	2022	total	
engine			3		1				1		1	1					1	1			1				10	
power transmission mechanism	15	18	12	7	11	7	10	7	9	9	9	11	6	8	9	6	15	9	12	9	7	6	4	6	222	
woodworking machine	4	10	6	2	3	4	5	5	4	2	2	1	1	2	1	1	1		1		3	1	3	1	63	
construction machine																										
metal manufacturing	10	10	6	2	1	4	6	3	2	1	1	3	7	4	3	2	2	1	1	5	2		4		80	

machine																									
general machine	386	400	373	327	360	355	321	291	299	286	273	255	265	264	210	234	241	233	221	170	210	218	205	170	6,567
mobile silviculture machine																									
crane	8	6	9	13	7	4	6	7	7	7	9	4	3	4	4	8	1	5	4	5	3	3	4	2	133
conveying machine	131	128	151	152	127	125	112	111	109	117	98	107	96	104	95	84	101	94	91	87	94	77	86	87	2,564
vehicle	30	36	24	29	19	21	18	15	20	20	23	14	9	8	14	3	20	7	8	8	7	14	11	10	388
pressure vessel	3	2	2	2	2		1	2	4	4	1	3	1	2	1		1		1	1		1	1		35
chemical facilities			1	1	1													1							4
welding equipment														1											1
kiln, caldron	1	3	3	4	4	3	7	2	4	4		3	2	8	4	3	3		5	4	5	4	4	7	87
electric equipment	2	2	3	1		2	1	2	2	2	2	2	3	1	1	1	1	3			2	4			37
human power machine, tools	149	171	150	166	161	130	125	109	129	120	89	86	99	77	117	109	95	86	70	85	84	77	84	79	2,647
tools	119	123	116	98	99	115	120	100	106	87	75	100	84	84	71	69	96	97	87	53	72	69	89	72	2,201
other equipments, facilities	41	41	46	45	32	44	45	33	48	37	32	28	31	26	29	25	31	33	37	25	31	34	26	38	838
temporary buildings, establishments	332	357	356	363	329	303	315	356	308	303	302	294	268	268	233	287	259	244	265	266	260	277	258	279	7,082
hazards, harmful	10	6	7	15	19	10	7	9	9	9	8	10	13	14	13	21	12	5	6	8	7	13	4	10	245

conveyor			59		52		53	45	53	53	51	41	43	43	47	39	52	43	40	49	39	29	45	43	919
loader																					1				1
straddle carrier																									
rough terrain hauler																									
other powered conveying machines			1		3		3	1	4	1	2	1	2	4	2	1	4	2	2	2	1	2	1	4	43
cars, bus, motorcycle			24		14		17	10	17	18	16	12	7	6	12	2	16	6	7	7	6	13	9	8	227
railway vehicle																									
other vehicles					5		1	5	3	2	7	2	2	2	2	1	4	1	1	1	1	1	2	2	45
boiler									1			1								1			1		4
pressure vessel			2		1		1	1		3	1	1	1	2			1		1						15
other pressure vessels					1			1	3	1		1			1							1			9
chemical facilities			1		1													1							3
gas welding equipment																									
arc welding equipment														1											1
other welding equipment																									
kiln, caldron			2		2		7	1	4	1		3	1	6	4	1	2		3	2	4	4	4	5	56
industrial dryer			1		1			1		3			1	2		2	1		2	2				2	18

30-39	189	175	177	171	188	165	152	197	150	136	134	152	184	167	152	164	152	129	148	116	143	133	141	111	3,726
40-49	324	315	284	255	247	244	220	193	203	208	187	166	214	191	168	207	179	202	183	159	150	158	147	160	4,964
50-59	492	559	591	514	459	433	469	458	440	383	355	327	338	299	254	230	250	261	218	202	227	215	219	225	8,418
60 years old or more	319	312	300	314	281	280	289	272	278	254	264	290	299	234	282	289	295	271	273	318	299	326	325	291	6,955
total	1,534	1,622	1,577	1,473	1,407	1,348	1,330	1,295	1,275	1,199	1,098	1,099	1,210	1,080	998	1,040	1,051	1,014	971	935	958	1,000	1,014	934	28,462

Workers' number of workplace of fatal and non-fatal accidents in fishery 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	177	186	203	189	194	159	136	155	115	114	97	98	119	92	80	94	84	71	70	70	61	59	55	53	2,731
10-29	430	448	467	425	394	388	370	323	342	303	284	270	314	272	228	252	258	233	224	196	218	218	231	193	7,281
30-49	320	354	287	312	292	255	263	237	254	231	207	196	251	203	182	214	200	195	180	179	172	223	187	201	5,595
50-99	313	339	335	295	260	285	284	308	275	270	266	293	262	276	270	227	260	269	261	241	255	238	273	227	6,582
100-299	261	270	241	209	220	231	254	244	270	248	216	217	229	221	213	215	225	224	209	220	199	228	229	235	5,528
300 workers or more	33	25	44	43	47	30	23	28	19	33	28	25	35	16	25	38	24	22	27	29	53	34	39	25	745
total	1,534	1,622	1,577	1,473	1,407	1,348	1,330	1,295	1,275	1,199	1,098	1,099	1,210	1,080	998	1,040	1,051	1,014	971	935	958	1,000	1,014	934	28,462

Month of fatal and non-fatal accidents in fishery 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	107	114	118	121	91	107	105	108	79	74	85	92	77	98	77	77	88	77	75	92	78	84	81	75	2,180

February	126	133	118	105	106	86	114	101	97	94	75	89	58	99	58	98	69	90	79	73	74	65	49	69	2,125
March	134	129	141	118	107	110	119	110	95	83	97	83	254	91	71	99	86	90	99	85	93	77	78	79	2,528
April	117	115	136	136	101	95	86	88	115	92	98	90	91	90	85	91	76	81	86	61	84	82	82	79	2,257
May	141	128	120	98	116	124	104	115	103	111	83	91	66	86	76	94	82	88	73	78	69	73	101	77	2,297
June	131	133	140	103	134	123	103	104	98	88	98	100	92	87	81	83	96	85	87	88	85	82	74	81	2,376
July	141	165	146	132	115	119	110	94	111	108	107	102	78	85	86	79	100	96	83	80	83	70	98	81	2,469
August	132	124	120	136	130	108	111	108	112	85	95	90	99	95	95	77	94	82	74	78	83	89	96	68	2,381
September	141	150	139	131	128	117	135	106	106	101	97	93	94	85	82	84	82	77	83	74	75	78	87	82	2,427
October	140	162	140	149	124	140	129	124	138	122	95	97	99	95	100	98	101	86	82	79	85	97	85	70	2,637
November	119	142	133	131	130	118	110	120	116	105	85	95	104	84	99	80	91	75	81	78	63	89	93	78	2,419
December	105	127	126	113	125	101	104	117	105	136	83	77	98	85	88	80	86	87	69	69	86	114	90	95	2,366
total	1,534	1,622	1,577	1,473	1,407	1,348	1,330	1,295	1,275	1,199	1,098	1,099	1,210	1,080	998	1,040	1,051	1,014	971	935	958	1,000	1,014	934	28,462

Prefecture of fatal and non-fatal accidents in fishery 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	330	379	347		313		283	304	288	244	247	227	215	227	235	216	215	208	173	196	165	175	200	166	5,353
Aomori	40	49	53		49		49	41	51	42	36	43	47	49	40	49	46	44	27	29	32	47	41	23	927
Iwate	48	63	61		22		36	45	27	32	34	27	43	22	17	33	31	23	21	33	26	25	25	17	711
Miyagi	144	147	144		109		105	100	102	130	76	95	173	77	66	75	64	86	69	67	78	72	86	65	2,130
Akita	2	1	3		1		1	2	1	4	2	1	3	2	1	1	1	2	2	1	1		2	2	36
Yamagata	1		5				1	3	1	1	1		2	2	3	4	4		1	1	5	3	2	3	43
Fukushima	27	24	24		26		26	24	18	21	20	14	30	12	11	12	23	10	16	9	14	13	10	13	397

Ibaraki	34	34	30		25		35	30	30	21	33	29	17	28	16	20	17	20	22	23	23	18	17	19	541
Tochigi	3	2	1		2			1	4	1	2	1	3	2		1	1	1			1	1	3	1	31
Gunma	1	5	4		7		3	3	8	3	4	1	5	10	3	2	3	4	5	10	3	2	4	2	92
Saitama	4	4	10		10		7	4	8	11	11	7	12	10	4	9	11	14	6	11	10	12	12	8	195
Chiba	78	66	68		35		32	45	41	48	55	43	30	38	35	40	46	47	35	46	31	41	34	37	971
Tokyo	24	11	14		9		11	4	9	8	11	5	9	4	6	3	4	3	2	2	11	8	4	3	165
Kanagawa	30	19	23		20		35	28	25	22	17	14	14	16	18	13	20	12	21	8	19	14	14	15	417
Niigata	15	13	22		26		19	22	19	18	16	25	24	22	11	18	19	12	19	16	21	21	22	19	419
Toyama	11	10	15		10		7	4	8	8	3	4	15	7	6	7	5	2	4	5	5	4	5	6	151
Ishikawa	9	7	8		9		5	7	9	7	10	8	6	10	9	9	8	4	5	2	6	4	22	3	167
Fukui	6	10	4		3		6	5	3	2	4	1	5	4	4	7	2	4	8	8	4	6	6	2	104
Yamanashi	1	3	5		2			1					3	3						2	1	1	1	3	26
Nagano	1		2		4		3	1	1		3	3	1	1	1	2	1	2	2	1		1		1	31
Gifu	3	3	9		4		1	2	1	3	2	2	1	1	4	1	4	4	2	5	2	2	2	3	61
Shizuoka	136	140	133		177		146	132	128	129	115	147	131	119	115	116	124	126	139	105	133	139	141	115	2,886
Aichi	39	23	43		27		26	24	28	23	25	23	29	21	26	17	19	14	26	20	20	14	31	28	546
Mie	53	50	42		50		34	17	39	31	26	26	30	18	24	14	26	21	25	23	22	16	13	24	624
Shiga	4	2	6		7		1		2	3	2	5	2	9	7	3	4	2	4	4	5	1	4	5	82
Kyoto	5	6	11		4		7	6	4	3	6	5	4	9	6	4	5	6	6	1	5	5	3	3	114
Osaka	23	13	19		16		17	15	18	24	21	13	27	16	28	21	36	23	24	20	17	18	15	14	438
Hyogo	35	58	47		45		38	35	27	40	30	35	21	22	26	27	23	33	21	20	26	32	24	24	689
Nara	2						2	2			1				1					1		1	1		11

Wakayama	14	13	14		16		11	11	13	11	6	10	9	9	3	9	4	5	7	4	9	6	4	5	193
Tottori	25	32	29		27		30	22	24	21	24	18	19	18	18	22	16	15	10	17	19	20	20	30	476
Shimane	18	19	18		13		16	8	12	11	7	2	9	8	4	9	6	7	10	6	10	10	12	7	222
Okayama	7	10	4		4		9	11	9	4	3	3	5	4	6	3	3	2	6	5	4	9	7	7	125
Hiroshima	22	26	32		37		24	31	25	19	25	12	25	22	18	34	23	21	21	31	22	24	36	31	561
Yamaguchi	59	57	57		55		44	46	44	27	36	25	26	37	25	28	33	28	29	21	27	39	22	38	803
Tokushima	4	9	9		4		6	10	13	7	6	3	5	4	7	4	6	5	4	7	4	5	9	4	135
Kagawa	16	20	13		11		22	14	7	8	10	13	9	9	10	11	8	4	5	5	5	5	10	6	221
Ehime	39	33	29		31		37	31	28	39	12	24	17	24	11	27	18	27	16	19	23	23	23	18	549
Kochi	11	25	15		15		16	15	9	12	14	13	11	12	8	9	16	7	14	9	5	9	9	7	261
Fukuoka	51	55	50		37		43	53	49	41	35	46	42	49	41	40	44	45	43	36	37	39	33	37	946
Saga	12	20	19		11		22	9	21	19	15	9	16	15	25	18	12	12	30	18	23	19	14	13	372
Nagasaki	29	30	30		28		24	24	32	26	27	35	39	28	30	33	27	29	23	28	30	24	20	29	625
Kumamoto	20	29	21		27		18	30	35	27	22	15	14	15	19	12	19	14	12	13	9	11	13	10	405
Oita	23	14	15		21		5	8	13	7	7	13	7	8	10	9	14	6	13	10	3	7	2	5	220
Miyazaki	17	17	13		12		16	13	7	4	8	16	12	15	9	9	9	15	7	8	10	8	9	19	253
Kagoshima	54	69	55		42		51	50	32	36	27	34	40	33	28	37	29	40	32	27	29	42	27	41	855
Okinawa	4	2	1		4			2	2	1	1	4	3	9	3	2	2	5	4	2	3	4		3	61
total	1,534	1,622	1,577	1,473	1,407	1,348	1,330	1,295	1,275	1,199	1,098	1,099	1,210	1,080	998	1,040	1,051	1,014	971	935	958	1,000	1,014	934	28,462

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.

other environments																										
other causal agent						1		1				1										1				4
no causal agent									1	2					1					1						5
unclassifiable			1																							1
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	2	244	

Workers age of fatal accidents in fishery 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													2			1									3
20-29	1		1	1			1	1	1			1	8									1			16
30-39										1			21						1		1				24
40-49		1			1	2		1		1	2		34		1	1			1		1		1		47
50-59	1		3	1	3	1	3	4	1	2		1	59		1		1			1				1	83
60 years old or more	2	2	2		2		1		1	1	1	2	43	1	3	1	1	1	1	2		3		1	71
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	2	244

Workers' number of workplace of fatal accidents in fishery 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	1					1			1		1	40								1	1			47
10-29	1	1	2		5	3	2	3	1	1			48		1		1			1	1	1	1	1	74
30-49	1		1					1		2	1		46		1	1		1	1			1			57

50-99		1	1	1				1	1				16		1	2						1			25
100-299	1		2	1	1		2	1	1		1	2	13	1	2		1		2	1				1	33
300 workers or more										1	1	1	4							1					8
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	2	244

Month of fatal accidents in fishery 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			2							1		1		1		1						2			8
February								1		1															2
March			1		1	2			1				164											1	170
April								1						1											2
May	1							1			1		1									1	1		6
June								1						1							1				3
July			1	2	2					2		1		1		1		1		1		1		1	13
August		2					1	1				2			1	1	1	1	1	1				1	12
September	2						2		1	1			1		2							1			10
October					1	1			1						1					1					5
November	1						2	1			1		1												6
December		1	2		2						1								1						7
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	2	244

Nagasaki													1											1	
Kumamoto										1						1			1					3	
Oita																									
Miyazaki	1																							1	
Kagoshima				1																				1	
Okinawa																									
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	2	244

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