## fishery products industry Code No.010102

## Type of accidents in fishery products in 1999-2021

	4000		2004				2005	2006	222				224	2242	2042	224			2047	2010	2010			Ī	
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	2021	total	Type of accidents
fall from height	90	92	83	108	96	80	82	105	104	87	68	65	53	61	61	57	69	73	73	59	67	81	68	1,782	fall from height
C-11:	250	275	405	200	227	242	245	220	205	202	220	222	202	200	200	224	205	201	200	200	262	207	202	7 222	falling to same
falling to same level	350	375	405	380	337	313	345	339	305	302	320	322	293	300	289	331	305	291	280	309	263	287	282	7,323	level
crash	41	59	47	45	55	49	60	50	46	47	38	48	36	34	40	29	32	36	45	34	42	48	42	1,003	crash
struck by flying or																									struck by flying
falling object	108	114	112	89	94	99	92	93	90	83	67	70	73	70	63	64	51	61	47	42	41	53	48	1,724	or falling object
collapse	20	21	34	17	20	20	21	20	24	12	19	10	10	19	13	14	12	17	12	10	12	11	10	378	collapse
crashed by	53	58	51	42	40	46	45	42	46	39	27	35	27	31	28	23	40	26	37	39	43	39	33	890	crashed by
		200				22.4	24.4	200	22.4				254		242	222							4.00		caught
caught in/between	401	398	361	342	312	324	314	298	324	292	272	249	251	247	213	229	248	232	228	207	210	188	192	6,332	in/between
cut	292	326	298	274	309	278	229	199	193	219	177	171	192	179	171	174	176	176	145	116	157	141	140	4,732	cut
injury to the sole of																									injury to the sole
the foot	1	3	1	2	1		2		1				2	3						2			1	19	of the foot
drown												1	136							1		2		140	drown
contact to																									contact to
high/low-	35	30	35	33	35	36	34	25	30	22	23	19	25	28	27	31	22	20	27	26	37	29	30	659	high/low-
temperature																									temperature
																									contact to
contact to harmful																									

substance	6	3	4	11	10	3	3	8	4	6	2	8	8	10	11	17	10	4	4	7	5	12	3	159	harmful
Substance																									substance
electric shock			1						5				1					1		1		1		10	electric shock
explosion						1								1		1								3	explosion
burst									1					2										3	burst
fire			1			2									1			1						5	fire
traffic accident (public road)	18	30	25	30	13	23	19	14	15	16	14	12	6	16	14	2	15	6	4	4	5	11	12	324	traffic accident (public road)
traffic accident (others)	1		1				1	1	1		1			2						1	1			10	traffic accident (others)
reaction to motion/improper motion	102	93	104	90	76	62	73	93	79	71	64	83	55	75	61	65	66	65	59	71	69	73	80	1,729	reaction to motion/improper motion
others	16	19	10	8	8	11	7	7	5	3	3	5	42	2	6	3	2	3	8	6	5	24	73	276	others
unclassifiable		1	4	2	1	1	3	1	2		3	1					3	2	2		1			27	unclassifiable
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	27,528	total

Causal agents (large) of fatal and non-fatal accidents in fishery products in 1999-2021

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	total	Causal (L) agents
machine	415	438	400	338	376	370	342	306	315	298	286	271	279	278	223	243	260	244	235	184	223	225	216	6,765	machine
crane, conveying machine	169	170	184	194	153	150	136	133	136	144	130	125	108	116	113	95	122	106	103	100	104	94	101	2,986	crane, conveying machine

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	5,654	other
other equipment																									equipment
town own wildings																									temporary
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	6,803	buildings,
establishments																									establishments
	00	<b>C1</b>	42	F0	60	F0	20	F1	20	4.4	26	20	41	F 4	20	41	40	20	25	F.C	2.5	25	22	1 025	substance,
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	1,025	material
load	120	133	158	128	98	104	118	109	112	93	86	94	61	87	69	69	69	87	62	69	54	78	75	2,133	load
environment	22	55	41	20	31	34	29	39	17	20	17	22	188	32	33	43	29	33	37	30	37	38	29	876	environment
others	71	66	74	63	53	43	52	53	55	43	42	43	45	46	65	55	45	42	44	62	51	64	109	1,286	others
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	27,528	total

Causal agents (middle) of fatal and non-fatal accidents in fishery products in 1999-2021

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	total	Causal (M) agents
engine			3		1				1		1	1					1	1			1			10	engine
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	216	power transmission mechanism
woodworking machine	4	10	6	2	3	4	5	5	4	2	2	1	1	2	1	1	1		1		3	1	3	62	woodworking machine
construction machine																									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		metal manufacturing

machine																									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	6,397	general
																									machine
mobile silviculture																									mobile
machine																									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	131	crane
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	2,477	conveying
conveying machine				132	,	123			105			107									,			2,1,7	machine
vehicle	30	36	24	29	19	21	18	15	20	20	23	14	9	8	14	3	20	7	8	8	7	14	11	378	vehicle
pressure vessel	3	2	2	2	2		1	2	4	4	1	3	1	2	1		1		1	1		1	1	35	pressure vesse
ala a : a a l fa a : l : a :			1	1																					chemical
chemical facilities																								4	facilities
																								1	welding
welding equipment																								l l	equipment
kiln, caldron	1	3	3	4	4	3	7	2	4	4		3	2	8	4	3	3		5	4	5	4	4	80	kiln, caldron
alastris aquinment	2	2	2	1		2	1	2	2			2	3	1	1	1	1	3			2			37	electric
electric equipment	2	2	3			2	<b>I</b>	2	2	2	2	2	3			I		3			2	4		37	equipment
human power	1.40	171	150	166	161	120	125	100	120	120	00	0.6	00		117	100	٥٢	0.0	70	0.5	0.4		0.4	2.560	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	2,568	machine, tools
tools	119	123	116	98	99	115	120	100	106	87	75	100	84	84	71	69	96	97	87	53	72	69	89	2,129	tools
																									other
	41	41	46	45	32	44	45	33	48	37	32	28	31	26	29	25	31	33	37	25	31	34	26	800	equipments,
facilities																									facilities
temporary buildings,																									temporary

establishments	332	357	356	363	329	303	315	356	308	303	302	294	268	268	233	287	259	244	265	266	260	277	258	6,803	buildings,
establishments																									establishments
haranda harreful																									hazards,
hazards, harmful substances	10	6	7	15	19	10	7	9	9	9	8	10	13	14	13	21	12	5	6	8	7	13	4	235	harmful
substances																									substances
materials	80	55	36	35	49	40	32	42	30	35	28	18	28	40	26	20	28	33	19	48	28	22	18	790	materials
load	120	133	158	128	98	104	118	109	112	93	86	94	61	87	69	69	69	87	62	69	54	78	75	2,133	load
	22	55	41	20	31	24	29	39	17	20	17	22	188	32	33	43	29	33	37	20	37	38	29	876	natural
natural environment	22	33	41	20	31	34	29	39		20	17	22	100	32	33	43	29	33	37	30	37	36	29	870	environment
other causal agent	32	28	22	28	22	16	21	22	17	10	8	9	18	7	18	25	14	15	13	9	9	28	75	466	other causal
other causar agent	) Z	26	22	26	22		21	22		10	0		10	,	10	23						26	,,	400	agent
no causal agent	34	35	46	33	29	25	28	30	36	31	31	34	26	37	46	28	30	24	29	45	41	36	33	767	no causal
no causal agent	34	33	40	33	29	23	20	30	30	31	31	34	20	37	40	20	30	24	29	43	41	30	33	767	agent
unclassifiable	5	3	6	2	2	2	3	1	2	2	3		1	2	1	2	1	3	2	8	1		1	53	unclassifiable
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	27,528	total

Causal agents (small) of fatal and non-fatal accidents in fishery products in 1999-2021

Causal (S) agents	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Causal (S) agents
engine			3		1				1		1	1					1	1			1			10	engine
power transmission			12		11		10	7	9	9	9	11	6	8	9	6	15	9	12	9	7	6	4	169	power transmission
mechanism			12		''			,				' '							12					II I	mechanism
circular sawing			1		1		2	2	2	1	1	1	1			1	1				1		1	17	circular sawing
machine			'		•			5		•	'	•	•			•	•				•				machine
band sawing			4		1		2	2	2	1				2	1				1		1	1		19	band sawing
machine			4				ا ا	2	2					2											machine

	 <u> </u>		 	_ _	_				 	 	 	$\sqsubseteq$	 	 			
wood planer		1														1	wood planer
machine		'															machine
hollow chisel																	hollow chisel
mortiser, wood																	mortiser, wood
borer																	borer
chamfering																	chamfering
machine, router,																	machine, router,
woodworking																	woodworking
milling machine																	milling machine
chain saw								1							1	2	chain saw
other woodworking																	other woodworking
machines															1	3	machines
leveling,																	leveling,
transporting or																	transporting or
loading machine																	loading machine
excavating machine																	excavating machine
foundation work																	foundation work
machine																	machine
hardening machine																	hardening machine
demolition machine																	demolition machine
vehicle for high lift																	vehicle for high lift
work																	work
other construction																	other construction
machines																	machines
lathe		1											1			2	lathe
lathe		1											1			2	lathe

drill press, milling machine										1											1	drill press, milling machine
grinding machine, buffing machine			1	1					2	4	3	1	1	1		1	4	2		4	25	grinding machine, buffing machine
power press																						power press
forging pressure hammer												1			1						2	forging pressure hammer
shearing machine				1																	1	shearing machine
other metal manufacturing machines		5		4	3	2	1	1	1	2	1	1	1	1								other metal manufacturing machines
centrifugal machine			1		1	1									1						4	centrifugal machine
mixer, grinder		3	2	1	3	8	8	5	3	2	6	6	6	3	4	5	1	2		4	72	mixer, grinder
roll machine (except printingroll machine)		5	4	8	5	4	3	13	7	6	9	4	3	3	3	6	5	6	7	3		roll machine (except printingroll machine)
injection molding machine		1		1		1											2				5	injection molding
food manufacturing machine		297	289	267	224	228	217	190	192	192	205	173	175	185	174	170	116	165	164	162	3,785	food manufacturing
printing machine		1					1	1					1			1	1				6	printing machine
industrial robot			1																		1	industrial robot
other general power machines		66	63	44	58	57	57	64	53	65	44	27	49	50	51	39	45	37	47	36	952	other general power machines
felling machine																						felling machine

mobile logging																						mobile logging machine
skyline yarding machine																						skyline yarding machine
other mobile silviculture machine																						other mobile silviculture machine
crane		3						4			1	1	2		2			1	1		15	crane
mobile crane																1	1				2	mobile crane
derrick crane																						derrick crane
elevator, lift		6	4	4	6	5	6	4	4	2	1	3	4	1	2	3	2		1	1	59	elevator, lift
cargo lifting appliance						1									1		1			1	4	cargo lifting appliance
gondola																						gondola
lumberyard equipment, logging cableway																						lumberyard equipment, logging cableway
simple skyline yarding equipment																						simple skyline yarding equipment
other powered crane			3	2	1	1	1	1		1	2		2				1	2	1	2	20	other powered crane
truck		32	19	17	23	19	20	9	16	11	19	22	18	19	16	11	6	15	13	14	319	truck
forklift		59	53	39	42	33	43	36	49	40	38	24	26	26	33	37	30	38	33	26	705	forklift
railway equipment																1					1	railway equipment
conveyor		59	52	53	45	53	53	51	41	43	43	47	39	52	43	40	49	39	29	45	876	conveyor
loader																		1			1	loader

straddle carrier																						straddle carrier
rough terrain hauler																						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	39	other powered conveying machines
cars, bus, motorcycle		24	14	17	10	17	18	16	12	7	6	12	2	16	6	7	7	6	13	9	219	cars, bus, motorcycle
railway vehicle																						railway vehicle
other vehicles			5	1	5	3	2	7	2	2	2	2	1	4	1	1	1	1	1	2	43	other vehicles
boiler						1			1								1			1	4	boiler
pressure vessel		2	1	1	1		3	1	1	1	2			1		1					15	pressure vessel
other pressure vessels			1		1	3	1		1			1							1		9	other pressure vessels
chemical facilities		1	1												1						3	chemical facilities
gas welding equipment																						gas welding equipment
arc welding equipment											1										1	arc welding equipment
other welding equipment																						other welding equipment
kiln, caldron		2	2	7	1	4	1		3	1	6	4	1	2		3	2	4	4	4	51	kiln, caldron
industrial dryer		1	1		1		3			1	2		2	1		2	2				16	industrial dryer
other kiln, caldron			1															1			2	other kiln, caldron
transmission		2			2		2	1	1	2	1			1	1			2	2		17	transmission
electric power facilities						1		1		1											3	electric power

other electrical equipment		1		1		1			1			1	1		2				2		10	other electrical equipment
human power cranes																1		4	4	7	16	human power cranes
human power		49	62	59	43	57	40	38	37	47	33	38	44	50	39	29	49	32	35	35	816	human power hauling equipment
human power		1	1		2	3	3	1	2	1		1	1	2				1	1		20	human power machine
hand tool		100	98	66	64	69	77	50	47	51	44	78	64	43	47	40	36	47	37	42	1,100	hand tool
ladder		25	27	32	22	27	20	25	32	22	24	13	12	24	22	17	10	20	15	27	416	ladder
slinging tool		1	1					1	1				1		1	2			1	2	11	slinging tool
other tools		90	71	88	78	79	67	49	67	62	60	58	56	72	74	68	43	52	53	60	1,247	other tools
other equipment,		46	32	45	33	48	37	32	28	31	26	29	25	31	33	37	25	31	34	26	629	other equipment,
scaffolding		3	2		2	1			2		2	1			1			1		3	18	scaffolding
timbering																						timbering
stairs, landing stage		30	35	33	46	42	30	27	24	25	26	25	27	28	31	36	34	35	42	32	608	stairs, landing stage
opening		2	2	2	2	3	3	2	1		3	1	3	2	2		1		1	2	32	opening
roof, beam, haze, crossbeam, principal rafter		3	1	4		2	5		2	2	2	1	1	1	1	1	1		1	2	30	roof, beam, haze, crossbeam, principal rafter
working platform,		67	61	68	60	52	55	62	49	59	56	51	52	63	55	47	47	50	54	50	1,058	working platform, boot board
passage		202	172	162	161	142	153	167	165	147	140	124	147	131	115	143	157	131	137	136	2,832	passage
building,		31	29	28	62	46	34	26	38	17	24	25	34	22	22	25	18	17	27	17	542	building,

establishment																						establishment
other temporary buildings, establishments	1	18	27	18	23	20	23	18	13	18	15	5	23	12	17	13	8	26	15	16		other temporary buildings, establishments
explosive substance			2						1												3	explosive substance
inflammable substance			2		2							1	1				1				7	inflammable substance
inflammable gas											1										1	inflammable gas
harmful substance	2	2	6	4	5	4	5	3	6	5	7	6	11	3		1	2	3	7		80	harmful substance
radiation																						radiation
other hazards, harmful substances	5	5	9	3	2	5	4	5	3	8	6	6	9	9	5	5	5	4	6	4	103	other hazards, harmful substances
metal material	$\epsilon$	5	17	9	9	7	5	7	3	8	10	5	5	4	7	2	11	3	4	3	125	metal material
lumber, bamboo	4	1	6	4	6	4	2	2	1	3	2	2	4	2	2	1		1	4	3	53	lumber, bamboo
stone, sand,	2	2	3	1		1		2			1		1					1		1	13	stone, sand,
other materials	2	24	23	18	27	18	28	17	14	17	27	19	10	22	24	16	37	23	14	11	389	other materials
load	1	148	94	112	102	107	93	82	91	60	85	66	66	67	80	61	65	51	72	71	1,573	load
machine/equipment as load	1	10	4	6	7	5		4	3	1	2	3	3	2	7	1	4	3	6	4	75	machine/equipment as load
natural ground,	1		1		3		1						1				3	1			11	natural ground,
standing tree					1		1			2								1			5	standing tree
water	2	2	2	3	3	1	2	3		168		3	1	2	2	3	3		5	3	206	water
abnormal	1	ı			1			1			1	1									5	abnormal

environment																						environment
high/cold																						high/cold
temperature		9	6	3	6	2	2	3	9	3	3	3	8	4	5	6	7	13	9	10	111	temperature
environment																						environment
other environments		28	22	23	25	14	14	10	13	15	28	26	33	23	26	28	17	22	24	16	407	other environments
other causal agent		22	22	21	22	17	10	8	9	18	7	18	25	14	15	13	9	9	28	75	362	other causal agent
no causal agent		46	29	28	30	36	31	31	34	26	37	46	28	30	24	29	45	41	36	33	640	no causal agent
unclassifiable		6	2	3	1	2	2	3		1	2	1	2	1	3	2	8	1		1	41	unclassifiable
total		1,577	1,407	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	21,551	total

Workers age of fatal and non-fatal accidents in fishery products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less	52	47	45	34	48	31	28	20	21	22	13	20	24	24	24	20	27	25	25	20	23	16	14	623	19 years old or less
20-29	158	214	180	185	184	195	172	155	183	196	145	144	151	165	118	130	148	126	124	120	116	152	168	3,629	20-29
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	3,615	30-39
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	4,804	40-49
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	8,193	50-59
60 years old or	319	312	300	314	281	280	289	272	278	254	264	290	299	234	282	289	295	271	273	318	299	326	325	6,664	60 years old or
more																									more
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	27,528	total

Workers' number of workplace of fatal and non-fatal accidents in fishery products in 1999-2021

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	total	Workers scale
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	2,678	9 workers or less
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	7,088	10-29
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	5,394	30-49
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	6,355	50-99
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	5,293	100-299
300 workers or	33	25	44	43	47	30	23	28	19	33	28	25	35	16	25	38	24	22	27	29	53	34	39	720	300 workers or
more					77		23	20			20													, 20	more
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	27,528	total

Month of fatal and non-fatal accidents in fishery products in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January	107	114	118	121	91	107	105	108	79	74	85	92	77	98	77	77	88	77	75	92	78	84	81	2,105	January
February	126	133	118	105	106	86	114	101	97	94	75	89	58	99	58	98	69	90	79	73	74	65	49	2,056	February
March	134	129	141	118	107	110	119	110	95	83	97	83	254	91	71	99	86	90	99	85	93	77	78	2,449	March
April	117	115	136	136	101	95	86	88	115	92	98	90	91	90	85	91	76	81	86	61	84	82	82	2,178	April
May	141	128	120	98	116	124	104	115	103	111	83	91	66	86	76	94	82	88	73	78	69	73	101	2,220	May
June	131	133	140	103	134	123	103	104	98	88	98	100	92	87	81	83	96	85	87	88	85	82	74	2,295	June
July	141	165	146	132	115	119	110	94	111	108	107	102	78	85	86	79	100	96	83	80	83	70	98	2,388	July
August	132	124	120	136	130	108	111	108	112	85	95	90	99	95	95	77	94	82	74	78	83	89	96	2,313	August
September	141	150	139	131	128	117	135	106	106	101	97	93	94	85	82	84	82	77	83	74	75	78	87	2,345	September
October	140	162	140	149	124	140	129	124	138	122	95	97	99	95	100	98	101	86	82	79	85	97	85	2,567	October
November	119	142	133	131	130	118	110	120	116	105	85	95	104	84	99	80	91	75	81	78	63	89	93	2,341	November

December	105	127	126	113	125	101	104	117	105	136	83	77	98	85	88	80	86	87	69	69	86	114	90	2,271	December	
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	27,528	total	

Prefecture of fatal and non-fatal accidents in fishery products in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido	330	379	347		313		283	304	288	244	247	227	215	227	235	216	215	208	173	196	165	175	200	5,187	Hokkaido
Aomori	40	49	53		49		49	41	51	42	36	43	47	49	40	49	46	44	27	29	32	47	41	904	Aomori
lwate	48	63	61		22		36	45	27	32	34	27	43	22	17	33	31	23	21	33	26	25	25	694	lwate
Miyagi	144	147	144		109		105	100	102	130	76	95	173	77	66	75	64	86	69	67	78	72	86	2,065	Miyagi
Akita	2	1	3		1		1	2	1	4	2	1	3	2	1	1	1	2	2	1	1		2	34	Akita
Yamagata	1		5				1	3	1	1	1		2	2	3	4	4		1	1	5	3	2	40	Yamagata
Fukushima	27	24	24		26		26	24	18	21	20	14	30	12	11	12	23	10	16	9	14	13	10	384	Fukushima
Ibaraki	34	34	30		25		35	30	30	21	33	29	17	28	16	20	17	20	22	23	23	18	17	522	Ibaraki
Tochigi	3	2	1		2			1	4	1	2	1	3	2		1	1	1			1	1	3	30	Tochigi
Gunma	1	5	4		7		3	3	8	3	4	1	5	10	3	2	3	4	5	10	3	2	4	90	Gunma
Saitama	4	4	10		10		7	4	8	11	11	7	12	10	4	9	11	14	6	11	10	12	12	187	Saitama
Chiba	78	66	68		35		32	45	41	48	55	43	30	38	35	40	46	47	35	46	31	41	34	934	Chiba
Tokyo	24	11	14		9		11	4	9	8	11	5	9	4	6	3	4	3	2	2	11	8	4	162	Tokyo
Kanagawa	30	19	23		20		35	28	25	22	17	14	14	16	18	13	20	12	21	8	19	14	14	402	Kanagawa
Niigata	15	13	22		26		19	22	19	18	16	25	24	22	11	18	19	12	19	16	21	21	22	400	Niigata
Toyama	11	10	15		10		7	4	8	8	3	4	15	7	6	7	5	2	4	5	5	4	5	145	Toyama
Ishikawa	9	7	8		9		5	7	9	7	10	8	6	10	9	9	8	4	5	2	6	4	22	164	Ishikawa
Fukui	6	10	4		3		6	5	3	2	4	1	5	4	4	7	2	4	8	8	4	6	6	102	Fukui

Yamanashi	1	3	5	2		1					3	3						2	1	1	1	23	Yamanashi
Nagano	1		2	4	3	1	1		3	3	1	1	1	2	1	2	2	1		1		30	Nagano
Gifu	3	3	9	4	1	2	1	3	2	2	1	1	4	1	4	4	2	5	2	2	2	58	Gifu
Shizuoka	136	140	133	177	146	132	128	129	115	147	131	119	115	116	124	126	139	105	133	139	141	2,771	Shizuoka
Aichi	39	23	43	27	26	24	28	23	25	23	29	21	26	17	19	14	26	20	20	14	31	518	Aichi
Mie	53	50	42	50	34	17	39	31	26	26	30	18	24	14	26	21	25	23	22	16	13	600	Mie
Shiga	4	2	6	7	1		2	3	2	5	2	9	7	3	4	2	4	4	5	1	4	77	Shiga
Kyoto	5	6	11	4	7	6	4	3	6	5	4	9	6	4	5	6	6	1	5	5	3	111	Kyoto
Osaka	23	13	19	16	17	15	18	24	21	13	27	16	28	21	36	23	24	20	17	18	15	424	Osaka
Hyogo	35	58	47	45	38	35	27	40	30	35	21	22	26	27	23	33	21	20	26	32	24	665	Hyogo
Nara	2				2	2			1				1					1		1	1	11	Nara
Wakayama	14	13	14	16	11	11	13	11	6	10	9	9	3	9	4	5	7	4	9	6	4	188	Wakayama
Tottori	25	32	29	27	30	22	24	21	24	18	19	18	18	22	16	15	10	17	19	20	20	446	Tottori
Shimane	18	19	18	13	16	8	12	11	7	2	9	8	4	9	6	7	10	6	10	10	12	215	Shimane
Okayama	7	10	4	4	9	11	9	4	3	3	5	4	6	3	3	2	6	5	4	9	7	118	Okayama
Hiroshima	22	26	32	37	24	31	25	19	25	12	25	22	18	34	23	21	21	31	22	24	36	530	Hiroshima
Yamaguchi	59	57	57	55	44	46	44	27	36	25	26	37	25	28	33	28	29	21	27	39	22	765	Yamaguchi
Tokushima	4	9	9	4	6	10	13	7	6	3	5	4	7	4	6	5	4	7	4	5	9	131	Tokushima
Kagawa	16	20	13	11	22	14	7	8	10	13	9	9	10	11	8	4	5	5	5	5	10	215	Kagawa
Ehime	39	33	29	31	37	31	28	39	12	24	17	24	11	27	18	27	16	19	23	23	23	531	Ehime
Kochi	11	25	15	15	16	15	9	12	14	13	11	12	8	9	16	7	14	9	5	9	9	254	Kochi
Fukuoka	51	55	50	37	43	53	49	41	35	46	42	49	41	40	44	45	43	36	37	39	33	909	Fukuoka
Saga	12	20	19	11	22	9	21	19	15	9	16	15	25	18	12	12	30	18	23	19	14	359	Saga
Nagasaki	29	30	30	28	24	24	32	26	27	35	39	28	30	33	27	29	23	28	30	24	20	596	Nagasaki

Kumamoto	20	29	21	27	18	30	35	27	22	15	14	15	19	12	19	14	12	13	9	11	13	395	Kumamoto
Oita	23	14	15	21	5	8	13	7	7	13	7	8	10	9	14	6	13	10	3	7	2	215	Oita
Miyazaki	17	17	13	12	16	13	7	4	8	16	12	15	9	9	9	15	7	8	10	8	9	234	Miyazaki
Kagoshima	54	69	55	42	51	50	32	36	27	34	40	33	28	37	29	40	32	27	29	42	27	814	Kagoshima
Okinawa	4	2	1	4		2	2	1	1	4	3	9	3	2	2	5	4	2	3	4		58	Okinawa
total	1,534	1,622	1,577	1,407	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	24,707	total

Fatal and non-fatal accidents mean fatal and non-fatal injuries and occupational diseases with work absence of 4 days and more. Data of 2011 year include fatal and non-fatal accidents caused by Great East Japan Earthquake in 2011.

Data sources: <a href="https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm">https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm</a> (MHLW, Japan)

Return to <a href="https://www.jisha.or.jp/english/statistics/2021e\_industry.html">https://www.jisha.or.jp/english/statistics/2021e\_industry.html</a>

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Fatal accidents in fishery products in Japan in 1999-2021

fishery products industry Code No.010102

Type of fatal accidents in fishery products in 1999-2021

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	2021	total	Type of accidents
fall from height			4		1			2		2	2	1	1	1		1			2	1		2		20	fall from height
falling to same level															1									1	falling to same
crash																									crash
struck by flying or falling object					1																			1	struck by flying

																							or falling object
collapse							1						1									2	collapse
crashed by																1						1	crashed by
caught in/between			1				1	1	2		1	1	1	1	2		1		1			13	caught in/between
cut					2																	2	cut
injury to the sole of the foot																							injury to the sole of the foot
drown												1	133					2		1		137	drown
contact to high/low- temperature						1																	contact to high/low- temperature
contact to harmful substance	1	1		1				1						2							1	7	contact to harmful substance
electric shock																							electric shock
explosion																							explosion
burst																							burst
fire			1																			1	fire
traffic accident (public road)	3	2		1	2	1	3	1		1						1			1			16	traffic accident (public road)
traffic accident (others)																							traffic accident (others)
reaction to motion/improper motion																							reaction to motion/improper

																									motion
others						1		1	1	2		1	31		1				1			1		40	others
unclassifiable																									unclassifiable
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

Causal agents (large) of fatal accidents in fishery products in 1999-2021

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	total	Causal (L) agents
machine					1			1	1							1					1			5	machine
crane, conveying machine	3	3	1	1	3	1	4	1	1	2	2	3	2		1	2	1				1	1		33	crane, conveying machine
other equipment			2		1	1											1	1	1	2				9	other equipment
temporary buildings, establishments			2		1			1		1	1		1		1				1			1		10	temporary buildings, establishments
substance, material	1							1							2								1	5	substance, material
load							1	1						1										3	load
environment				1									164							1		1		167	environment
others			1			1		1	1	2		1			1				1			1		10	others
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

Causal agents (middle) of fatal accidents in fishery products in 1999-2021

																		Causal (M)
Causal (M) agents	1999 2000 200	1 2002 2003	2004 2005	2006 2007	2008	2009 20°	2011	2012	2013 201	4 2015	2016	2017	2018	2019	2020	2021	total	

																					agents
engine																					engine
power transmission mechanism																					power transmission mechanism
woodworking machine																					woodworking machine
construction machine																					construction machine
metal manufacturing machine																					metal manufacturing machine
general machine					1			1	1						1			1		5	general machine
mobile silviculture machine																					mobile silviculture machine
crane			1		1		1		1	1	1									6	crane
conveying machine	1	1		1	1	1		1			1	2	2	1	2	1		1	1	17	conveying machine
vehicle	2	2			1		3			1		1								10	vehicle
pressure vessel																					pressure vessel
chemical facilities																					chemical facilities
welding equipment																					welding equipment
kiln, caldron						1														1	kiln, caldron

electric equipment																									electric equipment
human power machine, tools																	1							1	human power machine, tools
tools			2		1														1					4	tools
other equipments, facilities																		1		2				3	other equipments, facilities
temporary buildings, establishments			2		1			1		1	1		1		1				1			1		10	temporary buildings, establishments
hazards, harmful substances	1							1							2								1	5	hazards, harmful substances
materials																									materials
load							1	1						1										3	load
natural environment				1									164							1		1		167	natural environment
other causal agent						1		1				1										1		4	other causal agent
no causal agent									1	2					1				1					5	no causal agent
unclassifiable			1																					1	unclassifiable
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

Causal agents (small) of fatal accidents in fishery products in 1999-2021

	$\Box$			$\Box$	الصل		$\Box$		$\Box$	$\Box$		$\Box$	$\Box$		
engine															engine
power transmission															power transmission
mechanism															mechanism
siveular causing machine															circular sawing
circular sawing machine															machine
hand sawing machine															band sawing
band sawing machine															machine
wood planer maskins															wood planer
wood planer machine															machine
hollow chisel mortiser, wood															hollow chisel
borer															mortiser, wood
borei															borer
chamfering machine, router,															chamfering
woodworking milling															machine, router,
machine															woodworking
															milling machine
chain saw															chain saw
other woodworking															other woodworking
machines															machines
loveling transporting or															leveling,
leveling, transporting or loading machine															transporting or
loading machine															loading machine
excavating machine															excavating machine
															foundation work
foundation work machine															machine

hardening machine													hardening machine
demolition machine													demolition machine
vehicle for high lift work													vehicle for high lift work
other construction machines													other construction machines
lathe													lathe
drill press, milling machine													drill press, milling machine
grinding machine, buffing machine													grinding machine, buffing machine
power press													power press
forging pressure hammer													forging pressure hammer
shearing machine													shearing machine
other metal manufacturing machines													other metal manufacturing machines
centrifugal machine													centrifugal machine
mixer, grinder				1								1	mixer, grinder
roll machine (except printingroll machine)													roll machine (except printingroll machine)
injection molding machine													injection molding machine

food manufacturing machine			1							1					2	food manufacturing machine
printing machine																printing machine
industrial robot																industrial robot
other general power					1								1		2	other general power machines
felling machine																felling machine
mobile logging machine																mobile logging machine
skyline yarding machine																skyline yarding machine
other mobile silviculture machine																other mobile silviculture machine
crane																crane
mobile crane																mobile crane
derrick crane																derrick crane
elevator, lift		1	1		1	1	1								5	elevator, lift
cargo lifting appliance																cargo lifting appliance
gondola																gondola
lumberyard equipment,																lumberyard equipment, logging cableway
simple skyline yarding equipment																simple skyline yarding equipment

other powered crane						1												1	other powered crane
truck	1	1	1	1	1		1						1	1		1		9	truck
forklift									1	1	2		1				1	6	forklift
railway equipment																			railway equipment
conveyor										1		1						2	conveyor
loader																			loader
straddle carrier																			straddle carrier
rough terrain hauler																			rough terrain hauler
other powered conveying																			other powered
machines																			conveying machines
cars, bus, motorcycle	2	2		1		3		1										9	cars, bus, motorcycle
railway vehicle																			railway vehicle
other vehicles										1								1	other vehicles
boiler																			boiler
pressure vessel																			pressure vessel
other pressure vessels																			other pressure vessels
chemical facilities																			chemical facilities
gas welding equipment																			gas welding equipment
arc welding equipment																			arc welding equipment
																			other welding

other welding equipment																equipment
kiln, caldron				1											1	kiln, caldron
industrial dryer																industrial dryer
other kiln, caldron																other kiln, caldron
transmission																transmission
electric power facilities																electric power
other electrical equipment																other electrical equipment
human power cranes																human power cranes
human power hauling equipment										1					1	human power hauling equipment
human power machine																human power machine
hand tool																hand tool
ladder		2										1			3	ladder
slinging tool																slinging tool
other tools			1												1	other tools
other equipment, facilities											1		2		3	other equipment,
scaffolding																scaffolding
timbering																timbering
stairs, landing stage		2				1									3	stairs, landing stage

opening																opening
roof, beam, haze, crossbeam, principal rafter																roof, beam, haze, crossbeam, principal rafter
working platform, boot board							1				1				2	working platform, boot board
passage									1						1	passage
building, establishment			1		1								1		3	building, establishment
other temporary buildings, establishments								1							1	other temporary buildings, establishments
explosive substance																explosive substance
inflammable substance																inflammable substance
inflammable gas																inflammable gas
harmful substance	1				1				2					1	5	harmful substance
radiation																radiation
other hazards, harmful substances																other hazards, harmful substances
metal material																metal material
lumber, bamboo																lumber, bamboo
stone, sand, substance																stone, sand, substance
other materials																other materials

load								1						1										2	load
machine/equipment as load							1																	1	machine/equipment as load
natural ground, rock																									natural ground,
standing tree																									standing tree
water													164							1		1		166	water
abnormal environment				1																				1	abnormal environment
high/cold temperature environment																									high/cold temperature environment
other environments																									other environments
other causal agent						1		1				1										1		4	other causal agent
no causal agent									1	2					1				1					5	no causal agent
unclassifiable			1																					1	unclassifiable
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

Workers age of fatal accidents in fishery products in 1999-2021

Age	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Age
19 years old or less													2			1								3	19 years old or less
20-29	1		1	1			1	1	1			1	8									1		16	20-29
30-39										1			21						1		1			24	30-39
40-49		1			1	2		1		1	2		34		1	1			1		1		1	47	40-49
	$\overline{}$						$\overline{}$				$\overline{}$														

50-59	1		3	1	3	1	3	4	1	2		1	59		1		1			1				82	50-59
60 years old or more	2	2	2		2		1		1	1	1	2	43	1	3	1	1	1	1	2		3		70	60 years old or more
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

Workers' number of workplace of fatal accidents in fishery products in 1999-2021

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	total	Workers scale
9 workers or less	1	1					1			1		1	40								1	1		47	9 workers or less
10-29	1	1	2		5	3	2	3	1	1			48		1		1			1	1	1	1	73	10-29
30-49	1		1					1		2	1		46		1	1		1	1			1		57	30-49
50-99		1	1	1				1	1				16		1	2						1		25	50-99
100-299	1		2	1	1		2	1	1		1	2	13	1	2		1		2	1				32	100-299
300 workers or more										1	1	1	4							1				8	300 workers or more
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

Month of fatal accidents in fishery products in 1999-2021

Month	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Month
January			2							1		1		1		1						2		8	January
February								1		1														2	February
March			1		1	2			1				164											169	March
April								1							1									2	April
May	1							1			1		1								1	1		6	May
June								1							1					1				3	June
July			1	2	2					2		1			1		1		1		1		1	13	July

August		2					1	1				2				1	1	1	1	1				11	August
September	2						2		1	1			1		2							1		10	September
October					1	1			1							1				1				5	October
November	1						2	1			1		1											6	November
December		1	2		2						1								1					7	December
total	4	3	6	2	6	3	5	6	3	5	3	4	167	1	5	3	2	1	3	3	2	4	1	242	total

## Prefecture of fatal accidents in fishery products in 1999-2021

Prefecture	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	total	Prefecture
Hokkaido			1	1	2	1	2	2	1	1	1	1		1	1	1								16	Hokkaido
Aomori							1			1	1		1											4	Aomori
lwate					1							1	30											32	lwate
Miyagi		1	2			1		2					122					1				2	1	132	Miyagi
Akita																									Akita
Yamagata																									Yamagata
Fukushima													11											11	Fukushima
lbaraki	1												1								1			3	Ibaraki
Tochigi																									Tochigi
Gunma																									Gunma
Saitama			1																					1	Saitama
Chiba						1			1													1		3	Chiba
Tokyo																									Tokyo
Kanagawa			1		1							1							1					4	Kanagawa

Niigata								1									1	Niigata
Toyama																		Toyama
Ishikawa														1			1	Ishikawa
Fukui											1						1	Fukui
Yamanashi																		Yamanashi
Nagano																		Nagano
Gifu																		Gifu
Shizuoka	2					1						1		1		1	6	Shizuoka
Aichi				1													1	Aichi
Mie		1	1					1									3	Mie
Shiga																		Shiga
Kyoto																		Kyoto
Osaka								1			1						2	Osaka
Hyogo									1			1			1		3	Hyogo
Nara																		Nara
Wakayama																		Wakayama
Tottori					1												1	Tottori
Shimane																		Shimane
Okayama							1										1	Okayama
Hiroshima				1	1	1											3	Hiroshima
Yamaguchi													1		1		2	Yamaguchi
Tokushima										1							1	Tokushima
Kagawa																		Kagawa
Ehime																		Ehime

Kochi																					1			1	Kochi
Fukuoka		1																						1	Fukuoka
Saga															2									2	Saga
Nagasaki													1											1	Nagasaki
Kumamoto											1						1			1				3	Kumamoto
Oita																									Oita
Miyazaki	1																							1	Miyazaki
Kagoshima				1																				1	Kagoshima
Okinawa																									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	242	total

Data sources: <a href="https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm">https://anzeninfo.mhlw.go.jp/user/anzen/tok/anst00.htm</a> (MHLW, Japan)

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