fishery industry Code No.0702

## Type of accidents in fishery 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	78	56	63	60	63	58	64	62	50	46	56	55	54	67	63	44	43	45	39	53	39	50	47	1,255	fall from height
falling to same level	196	191	190	177	179	166	134	160	149	133	114	110	119	123	113	107	109	106	93	90	96	82	94	3,031	falling to same level
crash	47	53	39	59	48	46	40	41	51	44	30	48	46	31	25	29	34	27	23	27	28	27	39	882	crash
struck by flying or falling object	72	71	52	66	78	62	58	48	56	38	39	48	37	40	38	29	32	30	41	26	28	30	19	1,038	struck by flying or falling object
collapse	4	5	5	5	7	3	4	7	4	5	1	4	3	1	5	2	1	3		4	5	3	1	82	collapse
crashed by	94	87	74	65	73	59	58	54	54	38	32	46	52	41	48	38	40	36	40	24	27	32	35	1,147	crashed by
caught in/between	235	219	227	216	208	236	193	172	171	130	161	150	163	161	121	151	160	140	128	115	135	117	97	3,806	caught in/between
cut	38	46	61	51	53	39	39	32	46	41	27	35	31	31	32	25	30	26	25	31	19	26	26	810	cut
injury to the sole of the foot	2	2	2	2	3	2	2	1	4	1			1		1			2		1	1	3	2	32	injury to the sole of the foot
drown	7	6	11	1	2	9	8	3	2	11	4	8	10	9	8	10	6	3	7	1	5	5	6	142	drown
contact to high/low- temperature	3	6	6	5	3	6	4	5	6	4	2	11	4	6	5	4	2	9	3	5	8	4		111	contact to high/low- temperature

contact to harmful substance	4	1	1	1	5	2	4	2	3	2	3	2	4	2	3	1	3		1	1	2	3	4	54	contact to harmful substance
electric shock					2	1																		3	electric shock
explosion	2			2	3	1	1						1		1	1			1			1		14	explosion
burst		1																						1	burst
fire										1											1			2	fire
traffic accident (public road)	7	5	8	3	6	4	8	4	2	1	5	5	2	2	3	2	4	3	4	1	5	7	2	93	traffic accident (public road)
traffic accident (others)	2	5	3	5	1	6	2	3	6	10	5	6	7	3	5	6	4	1	4	1	7	2	7	101	traffic accident (others)
reaction to motion/improper motion	72	74	68	65	67	73	66	58	58	62	56	63	49	56	56	54	54	52	45	47	43	50	52	1,340	reaction to motion/improper motion
others	8	9	9	12	6	8	6	11	14	12	7	4	14	4	9	14	9	6	10	7	4	3	17	203	others
unclassifiable	1	4	6	1	2	2		4	1		1			2			1		1		1	1		28	unclassifiable
total	872	841	825	796	809	783	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	14,175	total

Causal agents (large) of fatal and non-fatal accidents in fishery 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	55	52	62	78	77	70	54	47	63	49	54	48	43	52	38	23	35	49	32	24	33	28	30	1,096	machine
crane, conveying																									crane,

machine	301	289	283	258	263	283	273	223	231	211	187	194	196	188	171	187	178	175	168	138	173	171	152	4,893	conveying
macrime																									machine
ath ar aguinment	248	242	223	208	213	205	178	166	173	125	130	162	144	170	144	139	152	112	130	110	103	109	106	3,702	other
other equipment	240	243	223	208	213	203	176	100	1/3	123	130	102	144	170	144	139	132	112	130	119	103	109	100	3,702	equipment
to manage my buildings																									temporary
temporary buildings, establishments	114	92	116	96	96	90	75	94	83	71	65	79	79	73	72	56	65	65	49	59	60	48	65	1,762	buildings,
establishments																									establishments
substance, material	37	24	21	35	27	28	23	20	20	26	16	20	22	12	12	15	8	14	20	12	17	16	12	457	substance,
substance, material	57	24		33		20	23	20	20	20		20	22	12	12		6	14	20	12	'		12	437	material
load	28	31	32	19	44	28	20	31	23	14	25	18	16	19	17	16	16	15	7	15	11	15	16	476	load
environment	41	47	36	50	43	42	37	35	35	50	32	39	53	35	38	36	34	30	24	33	31	25	37	863	environment
others	48	63	52	52	46	37	31	51	49	33	34	35	44	30	44	45	44	29	35	34	26	34	30	926	others
total	872	841	825	796	809	783	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	14,175	total

Causal agents (middle) of fatal and non-fatal accidents in fishery 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			1	2		1	1	1	1	1			1					1			2		1	13	engine
power transmission mechanism	5	8	10	2	6	8	3	4	9	4	3	7	5	1	9	3	8	9	4	2	3	2	5	120	power transmission mechanism
woodworking machine	1	2		1	2	2	2		3	2		3		2		1	1	1			2	4	1	30	woodworking machine
																									construction

construction machine		1		1		1	1				1	1	1					2	1			2	1	13	machine
metal manufacturing machine	5	2	1	2		3			1		1					2	3	1	1	2	1			25	metal manufacturing machine
general machine	44	39	50	70	69	55	47	42	49	42	49	37	36	49	29	17	23	35	26	20	25	20	22	895	general machine
mobile silviculture machine																									mobile silviculture machine
crane	56	51	50	46	47	49	56	45	24	33	33	35	36	27	32	36	35	27	26	22	28	28	29	851	crane
conveying machine	39	26	34	42	32	23	44	29	27	20	26	27	35	29	20	20	24	19	25	23	21	30	15	630	conveying machine
vehicle	206	212	199	170	184	211	173	149	180	158	128	132	125	132	119	131	119	129	117	93	124	113	108	3,412	vehicle
pressure vessel										1					1									2	pressure vessel
chemical facilities																									chemical facilities
welding equipment						1							1											2	welding equipment
kiln, caldron	2																							2	kiln, caldron
electric equipment		4			1					1				1			1		1		1			10	electric equipment
human power machine, tools	29	27	29	25	25	23	23	16	24	21	9	17	13	20	17	14	16	14	14	15	7	17	14	429	human power
tools	184	194	169	163	167	171	142	132	128	88	104	127	115	125	104	107	119	84	104	91	84	80	71	2,853	tools

other equipments,																									other
facilities	33	18	25	20	20	10	13	18	21	14	17	18	15	24	22	18	16	14	11	13	11	12	21	404	equipments,
lacincies																									facilities
tompount buildings																									temporary
temporary buildings,	114	92	116	96	96	90	75	94	83	71	65	79	79	73	72	56	65	65	49	59	60	48	65	1,762	buildings,
establishments																									establishments
hazards, harmful																									hazards,
substances	4	1		4	5	3	2		1	2	1			1	1	1	1	1	2	1		2	1	34	harmful
substances																									substances
materials	33	23	21	31	22	25	21	20	19	24	15	20	22	11	11	14	7	13	18	11	17	14	11	423	materials
load	28	31	32	19	44	28	20	31	23	14	25	18	16	19	17	16	16	15	7	15	11	15	16	476	load
	4.1	4.7	26		42	42	27	25	25			20		2.5	20	26	24	20	24			25	27	062	natural
natural environment	41	47	36	50	43	42	37	35	35	50	32	39	53	35	38	36	34	30	24	33	31	25	37	863	environment
-4h	27	20	17	24	17		12	26	20	1.4		6	11	_	1.4	10	17			7			11	225	other causal
other causal agent	27	30	17	24	17	8	13	26	20	14	8	0	11	7	14	19	17	5			11	6		325	agent
		24	27	26	26	27	10	24	25	10	25	27		22	20	26	26	22	26	25	12	20		FF1	no causal
no causal agent	16	24	27	26	26	27	18	24	25	19	25	27	32	22	30	26	26	22	26	25	13	28	17	551	agent
unclassifiable	5	9	8	2	3	2		1	4		1	2	1	1			1	2	2	2	2		2	50	unclassifiable
total	872	841	825	796	809	783	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	14,175	total

Causal agents (small) of fatal and non-fatal accidents in fishery 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			1				1	1	1	1			1					1			2		1	10	engine

power transmission		10	6	3	4	9	4	3	7	5	1	9	3	8	9	4	2	3	2	5	97	power transmission
mechanism																						mechanism
circular sawing			2	1		1	2		1		2		1	1	1			2	2		16	circular sawing
machine																						machine
band sawing																						band sawing
machine																						machine
wood planer																						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										2	1	7	chain saw
other woodworking																						other woodworking
machines						1															1	machines
leveling,																						leveling,
transporting or								1	1	1					2				2	1	8	transporting or
loading machine																						loading machine
excavating machine				1												1					2	excavating machine
foundation work																						foundation work
machine																						machine
hardening machine																						hardening machine

																				demolition machine
																				demondon machine
																				vehicle for high lift
																				work
																				other construction
																				machines
											1	1							2	lathe
																				drill press, milling
																				machine
1				1		1					1		1		1					grinding machine,
I				'		'					<u>'</u>	2	ľ							buffing machine
																				power press
																				forging pressure
																				hammer
																				shearing machine
																				other metal
														1	1	1			3	manufacturing
																				machines
	2																		2	centrifugal machine
1	3	1	3	3	1	1	2			2	1	2	1	1		3	3		28	mixer, grinder
																				roll machine (excep
2	3	3	2	5	3	8		2	1	4	4	1		1	1	1	4	3	48	printingroll
																				machine)
																				injection molding
																				machine
	1	1 3	1 3 1	1 3 1 3	1 3 1 3 3	1 3 1 3 3 1														

food manufacturing machine		1	3	3		3	1	1		1	1	2	1	1	3	1	1				23	food manufacturing machine
printing machine																						printing machine
industrial robot																						industrial robot
other general power machines		46	58	40	37	38	37	39	35	33	47	21	11	19	31	23	18	21	13	19	586	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		3	3	2		2	3	1	2		1	1			1			1	3	1	24	crane
mobile crane		4	5	5	5	3	4	7	3	4	4	3	3	8	6	2	2	4	6	3	81	mobile crane
derrick crane				1																	1	derrick crane
elevator, lift			1												1	1				1	4	elevator, lift
cargo lifting appliance		7	3	4	3	3	2	2	2	7	4	2	3	3	4	6	4	8	2	9	78	cargo lifting appliance
gondola																						gondola
lumberyard equipment, logging cableway						1	1				1	1	1								5	lumberyard equipment, logging cableway
simple skyline																						simple skyline

yarding equipment																						yarding equipment
other powered crane		36	35	44	37	15	23	23	28	25	17	25	29	24	15	17	16	15	17	15	456	other powered crane
truck		15	12	11	10	16	12	13	15	13	18	8	11	12	15	10	10	9	20	13	243	truck
forklift		6	12	14	7	6	4	7	5	13	7	7	4	8	3	8	7	10	6	1	135	forklift
railway equipment																						railway equipment
conveyor		9	2	4	4	3	2	3	2	3	2	4	1	1	1	2	4		3	1	51	conveyor
loader		1																			1	loader
straddle carrier																						straddle carrier
rough terrain hauler																		1			1	rough terrain hauler
other powered conveying machines		3	6	15	8	2	2	3	5	6	2	1	4	3		5	2	1	1		69	other powered conveying machines
cars, bus, motorcycle		6	5	11	4	5	5	2	5	2	2	3	3	2	2	6	2	5	8	1	79	cars, bus, motorcycle
railway vehicle			1													1					2	railway vehicle
other vehicles		193	178	162	145	175	153	126	127	123	130	116	128	117	127	110	91	119	105	107	2,532	other vehicles
boiler												1									1	boiler
pressure vessel																						pressure vessel
other pressure vessels							1														1	other pressure vessels
chemical facilities																						chemical facilities
gas welding equipment																						gas welding equipment
arc welding																						arc welding

equipment										1											1	equipment
other welding equipment																						other welding equipment
kiln, caldron																						kiln, caldron
industrial dryer																						industrial dryer
other kiln, caldron																						other kiln, caldron
transmission							1							1							2	transmission
electric power facilities																						electric power facilities
other electrical equipment			1								1					1		1			4	other electrical equipment
human power cranes		1	2			1			1				1		1	2	1			2	12	human power cranes
human power hauling equipment		1	2		1					2					1	1	1			1	10	human power hauling equipment
human power machine			2	3	1				2					2					1		11	human power machine
hand tool		27	19	20	14	23	21	9	14	11	20	17	13	14	12	11	13	7	16	11	292	hand tool
ladder		3	3	6	7	9	6	6	6	5	6	10	5	6	9	7	10	6	5	1	116	ladder
slinging tool		6	3	3	5	4		1	3	1	3	2	2	3		2	2	1	4		45	slinging tool
other tools		160	161	133	120	115	82	97	118	109	116	92	100	110	75	95	79	77	71	70	1,980	other tools
other equipment,		25	20	13	18	21	14	17	18	15	24	22	18	16	14	11	13	11	12	21	323	other equipment,
scaffolding			3	2	2	1				1	1	2	1	1	1		2	1		1	19	scaffolding

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timbering				1										1							2	timbering
stairs, landing stage		10	4	8	8	11	7	4	3	14	3	2	8	4	6	3	5	6	4	7	117	stairs, landing stage
opening		1	4	1	1	2	3	4		4	4	2		2		1	4	1	1	3	38	opening
roof, beam, haze, crossbeam,			2	2	2	2		2	1	1				1	1	1		1		1		roof, beam, haze, crossbeam,
principal rafter																						principal rafter
working platform, boot board		41	30	14	17	19	14	13	27	20	21	27	17	13	22	15	18	12	11	15	366	working platform, boot board
passage		30	27	25	33	21	23	21	31	26	27	22	12	22	14	11	11	18	21	23	418	passage
building, establishment		14	17	9	13	12	15	10	4	9	8	8	11	8	12	13	11	11	1	4	190	building, establishment
other temporary buildings, establishments		20	9	13	18	15	9	11	13	4	9	9	7	13	9	5	8	10	10	11	203	other temporary buildings, establishments
explosive substance																1			1		2	explosive substance
inflammable substance							2				1	1									4	inflammable substance
inflammable gas			3	1																	4	inflammable gas
harmful substance				1		1								1			1				4	harmful substance
radiation																						radiation
other hazards, harmful substances			2					1					1		1	1			1	1	8	other hazards, harmful substances
metal material		5	11	6	8	11	9	6	6	9	3	3	7	5	7	7	4	6	7	4	124	metal material
lumber, bamboo		5	4	6	2	1	1	1	4	4	2	1	5		2	4	1	2	1	3	49	lumber, bamboo

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stone, sand, substance	5			4	1	1	3	4	4	3	2	1			1	1	1	1	1		33	stone, sand, substance
other materials	6		7	5	9	6	11	4	6	6	4	6	2	2	3	6	5	8	5	4	105	other materials
load	29	9	37	20	31	23	14	24	18	16	16	15	16	15	14	6	15	10	13	13	345	load
machine/equipment as load	3		7					1			3	2		1	1	1		1	2	3	25	machine/equipment as load
natural ground, rock	2		4	2	3	2	2			2			2	3	2			1		1	26	natural ground, rock
standing tree						2				2	1		1	1					1		8	standing tree
water	8		9	11	3	2	17	8	6	16	8	11	9	9	2	4	4	6	5	3	141	water
abnormal environment	1		4	4	1	2	2	1	2	5	2	3	1	2	1	1		1	1	3	37	abnormal environment
high/cold temperature environment	3			3	4	4	2		10	5	4	2	2	2	6	3	4	7	4		65	high/cold temperature environment
other environments	22	2	26	17	24	23	27	23	21	23	20	22	21	17	19	16	25	16	14	30	406	other environments
other causal agent	17	7	17	13	26	20	14	8	6	11	7	14	19	17	5	7	7	11	6	11	236	other causal agent
no causal agent	27	7	26	18	24	25	19	25	27	32	22	30	26	26	22	26	25	13	28	17	458	no causal agent
unclassifiable	8		3		1	4		1	2	1	1			1	2	2	2	2		2	32	unclassifiable
total	82	25	809	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	10,883	total

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

	1000	000 20	200	2 2002	2004	2005	2006 20	200	2000	2010	2011	2012	2012	2014	2015	2016	2017	2010	2010	2020	2021			
Age	1999 2	000  20	001  200	2 2003	2004	2005	2006  20	007  200	8  2009	/ ()   ( )	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	totai	Age	

						i	i					i		i	i	<del> </del>		i			=		i	i	
19 years old or less	16	15	25	16	20	14	7	19	12	12	10	13	8	14	11	15	17	10	13	12	10	15	16	320	19 years old or less
20-29	110	93	127	96	111	95	84	87	97	87	80	90	110	79	86	80	95	90	62	62	82	85	77	2,065	20-29
30-39	107	103	118	124	122	98	97	106	90	79	80	120	103	89	81	96	101	77	73	82	81	86	71	2,184	30-39
40-49	134	133	100	116	134	108	115	103	115	96	99	82	93	93	95	83	87	80	97	79	74	61	76	2,253	40-49
50-59	196	189	181	172	178	193	159	156	164	107	99	98	118	120	102	88	87	95	90	74	75	77	69	2,887	50-59
60 years old or	309	308	274	272	244	275	220	196	199	198	175	102	165	184	161	155	145	137	130	125	132	122	139	4,466	60 years old or
more	309	308	2/4	2/2	244	2/3	229	190	199	196	1/3	192	103	104	101	133	143	137	130	123	132	122	139	4,400	more
total	872	841	825	796	809	783	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	14,175	total

Workers' number of workplace of fatal and non-fatal accidents in fishery 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	421	411	383	385	377	371	365	336	332	285	274	285	299	303	250	254	283	268	239	206	194	202	208	6,931	9 workers or less
10-29	281	281	287	291	302	290	218	231	250	210	194	220	198	184	208	182	174	164	166	165	180	163	144	4,983	10-29
30-49	61	73	77	41	60	55	54	51	48	45	40	39	57	49	43	31	35	37	30	29	39	38	30	1,062	30-49
50-99	83	57	57	60	45	47	35	40	33	36	28	37	35	35	33	45	31	15	22	27	36	33	43	913	50-99
100-299	26	19	20	18	24	20	19	9	14	3	7	14	7	8	2	5	9	5	8	7	5	10	23	282	100-299
300 workers or			1	1	1								1											1	300 workers or
more				<u> </u>																					more
total	872	841	825	796	809	783	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	14,175	total

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

January	52	55	46	53	41	42	31	39	30	44	42	34	45	41	47	28	34	26	26	26	25	24	17	848	January
February	43	50	27	38	46	39	50	31	35	43	29	28	23	37	30	29	28	33	25	27	25	21	28	765	February
March	61	64	67	53	60	70	40	52	53	45	32	42	62	46	44	37	44	41	42	35	25	50	38	1,103	March
April	70	74	75	64	80	61	60	50	72	58	34	50	41	46	68	45	50	50	46	43	49	38	48	1,272	April
May	101	72	88	78	77	87	79	50	62	49	45	56	64	40	42	50	49	44	39	45	44	38	47	1,346	May
June	74	90	68	57	69	72	67	70	76	51	39	62	57	46	46	57	39	30	32	37	35	43	39	1,256	June
July	80	75	84	83	88	81	58	65	71	50	60	44	53	54	33	42	56	41	50	42	41	42	50	1,343	July
August	85	71	95	91	71	62	74	75	57	54	60	68	53	50	41	40	39	40	39	47	38	38	42	1,330	August
September	91	85	78	75	82	77	59	73	54	58	56	52	65	70	52	52	42	54	48	41	39	40	45	1,388	September
October	97	76	91	83	72	80	62	79	62	58	56	48	62	71	58	62	52	55	39	39	54	43	34	1,433	October
November	77	81	60	61	72	61	67	45	48	35	48	73	39	43	46	54	56	47	43	29	49	34	32	1,200	November
December	41	48	46	60	51	51	44	38	57	34	42	38	33	35	29	21	43	28	36	23	30	35	28	891	December
total	872	841	825	796	809	783	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	14,175	total

Prefecture of fatal and non-fatal accidents in fishery 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	235	224	253		204		207	195	185	166	195	179	185	204	185	166	173	176	147	116	132	144	130	3,801	Hokkaido
Aomori	20	13	9		8		10	7	9	15	10	7	13	12	9	13	9	8	10	7	8	8	11	216	Aomori
lwate	25	25	27		30		20	22	30	13	25	19	22	23	15	14	19	12	15	9	11	11	9	396	lwate
Miyagi	13	12	14		21		16	12	14	13	13	7	13	4	3	11	17	11	10	6	10	14	14	248	Miyagi
Akita	4	1	2		4			1		1		3			2	1	1	2	1		1		2	26	Akita
Yamagata	2	1			1		3	2	4	2	1	2	2	2	3	1	2	2		3	1	2	1	37	Yamagata

Fukushima	4	7	2	4	1		1	4		2	4	1	1	2		1			1	1		36	Fukushima
Ibaraki	3	11	4	3	6	8	1	3	1	4	1	6	2	5	3	4	3	1	2	1	3	75	Ibaraki
Tochigi	1	2		1	1	1								1						1	1	9	Tochigi
Gunma	1									1												2	Gunma
Saitama		2										1		1								4	Saitama
Chiba	26	25	17	20	10	18	12	10	9	15	11	9	7	5	7	4	10	9	13	6	6	249	Chiba
Tokyo	8	3	4	5	3	2	4	1	2	3	8	2		1	1	1	1	3			2	54	Tokyo
Kanagawa	4	3	4	8	5	4	7	4	7	9	6	3	2	7	7	1	4	3	6	4	6	104	Kanagawa
Niigata	20	20	11	15	12	13	10	15	12	14	6	10	6	10	6	9	6	13	12	7	7	234	Niigata
Toyama	30	27	30	26	18	24	24	25	18	20	19	22	17	16	12	10	15	9	12	13	9	396	Toyama
Ishikawa	28	26	24	19	23	18	9	10	11	12	6	9	11	5	9	7	8	7	13	11	10	276	Ishikawa
Fukui	2		10	4	4	4	6	6	6	7	6	5	4	4	8	7	8	5	4	2	4	106	Fukui
Yamanashi				1		1					1		1		1		1					6	Yamanashi
Nagano	1	3				1		2	1			2		1			1		1	1		14	Nagano
Gifu	1	1			1	2	1		2	2	1		1		1	2		1	1		3	20	Gifu
Shizuoka	51	55	39	49	33	35	37	23	26	42	32	25	25	29	33	28	22	16	24	15	27	666	Shizuoka
Aichi	9	7	4	7	5	3	4	3	4	5	6	7	6	10	9	4	4	2	5	6	6	116	Aichi
Mie	45	53	49	49	34	22	29	31	15	19	29	11	22	17	14	10	9	21	12	12	12	515	Mie
Shiga	2	1	2		1	1					2	1		1		2		3	1		2	19	Shiga
Kyoto	4	7	8	13	9	4	14	1	7	7	7	4	4	2	3	5	8	12	3	5	7	134	Kyoto
Osaka	2	17	11	10	13	10	8	13	10	7	6	8	4	7	9	4	8	7	6	2	3	165	Osaka
Hyogo	5	5	4	13	7	5	4		5	3	3	5	4	3	3	4	2	5	2	4	2	88	Hyogo
Nara	2				3		1	1	1							1						9	Nara

Wakayama	13	18	21	29	22	29	16	20	12	21	18	18	14	14	23	20	7	14	8	6	8	351	Wakayama
Tottori	5	3	4	3	1	2	1	2	2				1	1	2		2					29	Tottori
Shimane	10	18	12	17	8	9	9	9	12	15	12	9	10	8	8	7	5	8	10	3	9	208	Shimane
Okayama		2	1	1	3	3	4	3	2	3	1	2	1	2	3				1	1	3	36	Okayama
Hiroshima	30	25	20	25	18	24	32	10	18	11	16	15	19	28	15	20	22	25	21	25	18	437	Hiroshima
Yamaguchi	12	16	4	5	6	6	6	3	3	5	4	8	6	9	3	3	4	7	2	1	3	116	Yamaguchi
Tokushima	17	9	11	9	7	10	5	13	3	4	2	14	8	3	5	5	6	1	4	3	1	140	Tokushima
Kagawa	10	14	11	13	5	11	13	6	4	2	6	4	7	5	7	5	5	5	2	5	1	141	Kagawa
Ehime	46	29	31	42	28	27	28	14	17	18	22	20	13	20	17	23	7	9	10	13	16	450	Ehime
Kochi	29	34	29	22	23	28	33	27	13	23	31	19	28	14	11	12	28	26	16	14	16	476	Kochi
Fukuoka	2	2	1	1	1	1				1			1	1	1		4		2	1		19	Fukuoka
Saga	3	1	4	6	3	3	2	6	2	3	5	3	4	4	3	4	6	4	4	11	5	86	Saga
Nagasaki	62	43	54	56	40	44	45	40	29	46	32	31	32	36	24	26	33	27	32	33	33	798	Nagasaki
Kumamoto	22	21	20	9	5	9	13	7	4	10	9	7	8	5	11	11	5	4	6	11	8	205	Kumamoto
Oita	16	11	20	15	19	11	11	12	5	11	8	6	9	5	10	9	8	9	8	9	5	217	Oita
Miyazaki	17	13	12	8	13	7	16	12	9	6	9	11	8	2	14	4	4	7	10	7	7	196	Miyazaki
Kagoshima	30	29	42	31	40	26	27	31	26	27	32	32	32	25	26	21	24	28	36	29	37	631	Kagoshima
Okinawa		2		2	4	2	2	2	1		1	4	1	2	2	4	2	2	1	4	1	39	Okinawa
total	872	841	825	809	691	667	677	579	543	595	597	579	536	517	532	489	465	434	454	446	448	12,596	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 in Japan in 1999-2021

fishery industry Code No.0702

Type of fatal accidents in fishery 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	2		4	1			2	1		1		1	1	1					1					15	fall from height
falling to same level									1						1				1					3	falling to same level
crash						1																		1	crash
struck by flying or falling object					1									1	1			1	1			1		6	struck by flying or falling object
collapse																									collapse
crashed by		1									1				2	1	1							6	crashed by
caught in/between	4	4	3	8	2	2	2	3		1	1	2	4	1		2	2	4	1		4	3		53	caught in/between
cut																									cut
injury to the sole of the																									injury to the sole
foot																									of the foot
drown	6	4	6	1	1	7	5	1	5	11	4	7	10	9	7	8	6	3	5	1	5	5	6	123	drown

contact to high/low- temperature			1																					1	contact to high/low- temperature
contact to harmful substance					1		1			1							2								contact to harmful substance
electric shock					2																			2	electric shock
explosion					1																			1	explosion
burst																									burst
fire																									fire
traffic accident (public road)	1	1						2		1	1	1												7	traffic accident (public road)
traffic accident (others)	1			3		3	2	3	1	6	2	4	4			2	1	1	2		1	2	5	43	traffic accident (others)
reaction to motion/improper motion																									reaction to motion/improper motion
others												1	4	1	1			1	1					9	others
unclassifiable																									unclassifiable
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

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

																									Causal (L)	
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		

																									agents
machine	2	3	1	3	1			1				1	1		1		1	1	1		1	1		19	machine
crane, conveying machine	8	5	7	7	1	9	9	9	6	13	7	10	8	12	3	9	1	6	9		7	7	10	163	crane, conveying machine
other equipment	2	2	3	1	3	1			1			1	1		2	1	2		1	1	2			24	other equipment
temporary buildings, establishments	1			1													1							3	temporary buildings, establishments
substance, material					1												1							2	substance, material
load																									load
environment	1		3	1	2	3	3			8	2	4	13		4	3	6	1	1			3	1	59	environment
others														1	2			2						5	others
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

Causal agents (middle) of fatal accidents in fishery 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																									engine
power transmission mechanism		1																						1	power transmission mechanism

	<u> </u>				╬	] <u> </u>			<u>                                    </u>					<u>                                    </u>										
woodworking machine																								woodworking machine
construction machine																					1		1	construction machine
metal manufacturing machine																								metal manufacturing machine
general machine	2	2	1	3	1			1				1	1		1		1	1	1	1			17	general machine
mobile silviculture machine																								mobile silviculture machine
crane		1	1	3	1	2	2	1	1	1		1	1	2		2		2	1	2			24	crane
conveying machine	1	1					1	2			2	1	1	2					2	1	1		15	conveying machine
vehicle	7	3	6	4		7	6	6	5	12	5	8	6	8	3	7	1	4	6	4	6	10	124	vehicle
pressure vessel																								pressure vessel
chemical facilities																								chemical facilities
welding equipment																								welding equipment
kiln, caldron																								kiln, caldron
electric equipment					2																		2	electric equipment

human power machine,																									human power
tools																									machine, tools
tools	2	2	2	1					1			1			2	1	2		1		2			17	tools
other equipments,			1		1	1							1							1				5	other equipments, facilities
temporary buildings, establishments	1			1													1							3	temporary buildings, establishments
hazards, harmful substances					1												1							2	hazards, harmful substances
materials																									materials
load																									load
natural environment	1		3	1	2	3	3			8	2	4	13		4	3	6	1	1			3	1	59	natural environment
other causal agent															2									2	other causal agent
no causal agent														1				1						2	no causal agent
unclassifiable																		1						1	unclassifiable
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

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																									engine
power transmission mechanism		1																						1	power transmission mechanism
circular sawing machine																									circular sawing
band sawing machine																									band sawing machine
wood planer machine																									wood planer machine
hollow chisel mortiser, wood borer																									hollow chisel mortiser, wood borer
chamfering machine, router, woodworking milling machine																									chamfering machine, router, woodworking milling machine
chain saw																									chain saw
other woodworking machines																									other woodworking
leveling, transporting or loading machine																						1		1	leveling, transporting or loading machine
excavating machine																									excavating machine

foundation work															foundation work
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		1		3	mixer, grinder
roll machine (except printingroll machine)	2	1						1						4	roll machine (except printingroll

																		machine)
injection molding machine																		injection molding
food manufacturing machine																		food manufacturing machine
printing machine																		printing machine
industrial robot																		industrial robot
other general power	1	1	3	1				1			1		1	1			10	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						1		1				1					3	mobile crane
derrick crane																		derrick crane
elevator, lift													1				1	elevator, lift
cargo lifting appliance									1	1							2	cargo lifting appliance
gondola																		gondola
lumberyard																		lumberyard

equipment, logging cableway																								equipment, logging cableway
simple skyline yarding equipment																								simple skyline yarding equipment
other powered crane		1	1	3	1	2	2	1		1				1		1		1	1	2			18	other powered crane
truck		1						1			1	1	1										5	truck
forklift	1						1	1						1					2		1		7	forklift
railway equipment																								railway equipment
conveyor																								conveyor
loader																								loader
straddle carrier																								straddle carrier
rough terrain hauler																								rough terrain hauler
other powered conveying machines											1			1						1			3	other powered conveying machines
cars, bus, motorcycle	1									1													2	cars, bus, motorcycle
railway vehicle																								railway vehicle
other vehicles	6	3	6	4		7	6	6	5	11	5	8	6	8	3	7	1	4	6	4	6	10	122	other vehicles
boiler																								boiler
pressure vessel																								pressure vessel
other pressure vessels																								other pressure vessels
chemical facilities																								chemical facilities

gas welding																				gas welding
equipment																				equipment
arc welding																				arc welding
equipment																				equipment
other welding																				other welding
equipment																				equipment
kiln, caldron																				kiln, caldron
industrial dryer																				industrial dryer
other kiln, caldron																				other kiln, caldron
transmission					1														1	transmission
electric power																				electric power
facilities																				facilities
other electrical					1														1	other electrical
equipment					<u> </u>															equipment
human power cranes																				human power
numum power crunes																				cranes
human power																				human power
hauling equipment																				hauling equipment
human power																				human power
machine																				machine
hand tool																				hand tool
ladder	1																		1	ladder
slinging tool												1							1	slinging tool
other tools	1	2	2	1				1		1		1	1	2	1		2		15	other tools
II-	_			$\overline{}$		 $\overline{}$	$\overline{}$	$\overline{}$	$\overline{}$			$\overline{}$				$\overline{}$		$\overline{}$		n

other equipment,		1		1	1				1				1		5	other equipment,
scaffolding																scaffolding
timbering																timbering
stairs, landing stage																stairs, landing stage
opening																opening
roof, beam, haze,																roof, beam, haze,
crossbeam, principal																crossbeam,
rafter																principal rafter
working platform,																working platform,
boot board																boot board
passage																passage
building,			1												1	building,
establishment			•												•	establishment
other temporary																other temporary
buildings,	1										1				2	buildings,
establishments																establishments
explosive substance																explosive substance
inflammable																inflammable
substance																substance
inflammable gas				1											1	inflammable gas
harmful substance											1				1	harmful substance
radiation																radiation
other hazards,																other hazards,

harmful substances																									harmful substances
metal material																									metal material
lumber, bamboo																									lumber, bamboo
stone, sand,																									stone, sand,
substance																									substance
other materials																									other materials
load																									load
machine/equipment																									machine/equipment
as load																									as load
natural ground, rock																									natural ground,
natural ground, rock																									rock
standing tree																									standing tree
water	1		2	1		3	2			7	2	4	13		4	3	3	1	1			3	1	51	water
abnormal					1		1			1							1							4	abnormal
environment							ı										ľ								environment
high/cold																									high/cold
temperature			1																					1	temperature
environment																									environment
other environments					1												2							3	other environments
other causal agent															2									2	other causal agent
no causal agent														1				1						2	no causal agent
unclassifiable																		1						1	unclassifiable
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

## Workers age of fatal accidents in fishery 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				1												1						2		4	19 years old or less
20-29	1					1		2		2	2	1	3	1	3	4	3	1	1			1		26	20-29
30-39		1	3	1		2	1	1		5		3	1	2	2	1	2					2	2	29	30-39
40-49	1	1	3	1	2	4	2	4	1	5	1	2	2	3	1	2	1	2	3			2		43	40-49
50-59		2	5	3	1	1	2	2	2	2	1	4	7	2	2	1	1	1	5		2	1	3	50	50-59
60 years old or more	12	6	3	7	5	5	7	1	4	7	5	6	10	5	4	4	5	6	3	1	8	3	6	123	60 years old or more
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

Workers' number of workplace of fatal accidents in fishery 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	9	5	9	8	7	8	8	7	4	13	7	11	15	9	6	7	9	8	7		8	9	10	184	9 workers or less
10-29	4	4	4	4	1	5	4	2	1	6	2	3	4	3	5	3	3	2	4		1	2	1	68	10-29
30-49	1	1		1					1	2		1	2		1				1	1	1			13	30-49
50-99			1					1	1			1	2	1		3								10	50-99
100-299																									100-299
300 workers or more																									300 workers or more
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

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	2	2	3		2	3			4		2	1	1	3	1	1	1	3			1		32	January
February				1			2			1	1			3		2	2	1			1		1	15	February
March	2	2	2					3				1	16		2	1			1			2	1	33	March
April		1	1	2		3	1			8	1	1	1		2	1	3	1	1		2	1		30	April
May	1	1	4		1	1					1	1	2			2		2			1		3	20	May
June			2		2	1	1		2	1		3			1			1	1		1			16	June
July	1	1		1				1		2	1											2	2	11	July
August	2			2	2	1	2	1	2		1	1			1	1	1	3				2		22	August
September		1	1	1	1		1	2		1	1	1	2	5	2	2	1	1	2			2	1	28	September
October	4		2	3	1	2	1	1	1	1	3			4		1	1				2			27	October
November	1	1				1	1		2	1		3	1		1	1	2		2	1	2		2	22	November
December	1	1			1	2		2		2		3				1	1		2		1	1	1	19	December
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	total

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

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
2	1	7	5	2	2	4	5	4	1	5	9	6	4	4	6		2	5		1	3	3	81	Hokkaido
									8	1		1	2		1			1			2	3	19	Aomori
	1		1			2			1			4		2	1								12	lwate
	1	1					1			1		5				2		1					12	Miyagi
																								Akita
	2	1999 2000 2 1 1 1	1999     2000     2001       2     1     7       1     1       1     1	1999     2000     2001     2002       2     1     7     5       1     1     1       1     1     1	1999     2000     2001     2002     2003       2     1     7     5     2       1     1     1       1     1     1	1999     2000     2001     2002     2003     2004       2     1     7     5     2     2       1     1     1     1       1     1     1     1	1999     2000     2001     2002     2003     2004     2005       2     1     7     5     2     2     4       1     1     1     2       1     1     1     1     1       1     1     1     1     1																	2       1       7       5       2       2       4       5       4       1       5       9       6       4       4       6       2       5       1       3       3       81         1       1       1       2       1       1       1       1       2       3       19         1       1       1       2       1       4       2       1       1       12         1       1       1       1       5       2       1       1       12

Yamagata																						Yamagata
Fukushima												2									2	Fukushima
Ibaraki													1			1				1	3	Ibaraki
Tochigi																						Tochigi
Gunma																						Gunma
Saitama																						Saitama
Chiba	1	2																			3	Chiba
Tokyo				1								2									3	Tokyo
Kanagawa								1											1		2	Kanagawa
Niigata	2						1		2												5	Niigata
Toyama			1					1	2								1	1	1		7	Toyama
Ishikawa	1	2									1							1			5	Ishikawa
Fukui															1						1	Fukui
Yamanashi																						Yamanashi
Nagano																						Nagano
Gifu																1					1	Gifu
Shizuoka	2				1	2	1		1	1		2			1	1		1		1	14	Shizuoka
Aichi																						Aichi
Mie						1											1	1			3	Mie
Shiga																						Shiga
Kyoto																1					1	Kyoto
Osaka																1		1			2	Osaka
Hyogo		1	1		1								2								5	Hyogo

Nara						1																		1	Nara
Wakayama	1			1		1	1	1				1				1	2						1	10	Wakayama
Tottori	1																							1	Tottori
Shimane					1					1														2	Shimane
Okayama																									Okayama
Hiroshima	1	1				1								1	2	2			1			1		10	Hiroshima
Yamaguchi																					1			1	Yamaguchi
Tokushima			1									1		2				2						6	Tokushima
Kagawa				1			1			1						1							1	5	Kagawa
Ehime	2		1		1				1															5	Ehime
Kochi					1	1					1			1	1						1	1	1	8	Kochi
Fukuoka																	1							1	Fukuoka
Saga								1																1	Saga
Nagasaki				1		3				2		3			1		2	1	1					14	Nagasaki
Kumamoto					1	1									1		1				1			5	Kumamoto
Oita		1	1	2			1					1									1	1		8	Oita
Miyazaki										1														1	Miyazaki
Kagoshima	1		1	2	1	1				1			1		1	1	2		1	1		1		15	Kagoshima
Okinawa																									Okinawa
total	14	10	14	13	8	13	12	10	7	21	9	16	23	13	12	13	12	10	12	1	10	11	11	275	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)

