

Fatal and non-fatal accidents in livestock/fishery in Japan in 1999-2021

livestock/fishery industry Code No.07

Type of accidents in livestock/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	349	330	340	306	258	289	266	294	289	305	292	287	285	330	266	285	277	289	294	332	289	323	323	6,898	fall from height
falling to same level	331	347	329	303	327	311	298	294	288	280	244	252	265	280	260	253	263	249	219	248	254	252	264	6,411	falling to same level
crash	100	100	97	96	90	98	90	82	88	88	70	98	106	83	60	67	76	69	68	69	74	76	86	1,931	crash
struck by flying or falling object	116	97	90	100	114	96	96	84	82	70	71	77	71	66	76	61	58	70	70	62	59	70	45	1,801	struck by flying or falling object
collapse	19	19	14	12	20	11	16	17	19	16	12	10	14	9	17	13	13	13	7	17	18	14	11	331	collapse
crashed by	362	332	355	334	301	319	299	328	311	291	257	295	268	267	266	233	251	272	293	224	265	295	298	6,716	crashed by
caught in/between	396	416	427	404	416	427	366	351	350	322	313	310	349	350	306	323	324	290	294	285	323	306	314	7,962	caught in/between
cut	72	76	116	87	99	80	88	74	83	86	61	71	68	66	77	56	59	58	57	69	52	76	59	1,690	cut
injury to the sole of the foot	11	9	6	4	7	4	8	5	8	3		6	4	7	5	3	3	5	1	7	3	8	6	123	injury to the sole of the foot
drown	8	6	11	1	2	9	8	3	3	12	4	8	10	9	8	10	6	3	7	1	6	5	6	146	drown
contact to high/low-temperature	11	12	11	9	7	10	16	11	15	8	10	21	10	9	20	10	5	16	7	19	15	16	8	276	contact to high/low-temperature
contact to harmful	5	6	4	4	8	5	8	4	7	8	11	14	13	21	11	7	14	12	7	7	9	14	12	211	contact to harmful

substance																									substance
electric shock	1				3	1			1		1			2			1	1			1	1	1	14	electric shock
explosion	2			2	3	1	1						1		1	1			2			1		15	explosion
burst	1	1	1									1					1	1			1		2	9	burst
fire	1		3						1	2		2			1		1				1	1		13	fire
traffic accident (public road)	20	19	23	17	12	12	24	12	19	10	20	21	16	13	18	10	10	17	9	5	14	15	7	343	traffic accident (public road)
traffic accident (others)	3	5	7	5	1	8	4	3	7	10	5	7	8	4	6	7	6	1	5	2	8	2	7	121	traffic accident (others)
reaction to motion/improper motion	167	173	151	145	155	177	171	159	143	156	159	141	142	166	132	131	134	122	117	139	131	170	154	3,435	reaction to motion/improper motion
others	31	41	27	34	26	38	25	39	31	30	43	17	33	19	23	39	37	22	27	40	26	36	51	735	others
unclassifiable	5	5	8	4	4	2	1	8	2	3	4	6	3	7			2		3	1	4	4	3	79	unclassifiable
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	39,260	total

Causal agents (large) of fatal and non-fatal accidents in livestock/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	132	124	137	133	173	150	128	129	125	112	134	108	130	128	116	96	114	110	123	112	117	110	120	2,861	machine
crane, conveying machine	402	400	384	352	357	368	357	318	336	305	267	298	293	294	285	282	268	268	255	223	261	257	248	7,078	crane, conveying machine
other equipment	344	332	326	321	304	326	276	267	289	252	231	253	254	288	240	244	249	208	233	228	202	229	211	6,107	other

																									equipment
temporary buildings, establishments	252	235	265	214	228	218	214	228	254	209	193	217	231	243	208	181	200	206	183	230	225	245	247	5,126	temporary buildings, establishments
substance, material	66	58	45	59	52	49	64	40	44	47	42	58	50	44	35	43	32	41	41	43	41	42	42	1,078	substance, material
load	74	66	66	52	72	56	48	61	50	33	54	36	43	47	33	41	42	43	24	34	38	47	38	1,098	load
environment	607	638	671	611	533	595	583	423	453	609	542	549	544	565	533	505	511	543	542	538	559	638	621	12,913	environment
others	134	141	126	125	134	136	115	302	196	133	114	125	121	99	103	117	125	91	86	119	110	117	130	2,999	others
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	39,260	total

Causal agents (middle) of fatal and non-fatal accidents in livestock/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	2	1	2	2	3	1	1			1	2				1	1	1	2	1	1	25	engine
power transmission mechanism	16	19	15	7	18	17	13	15	20	13	14	15	14	9	21	8	19	12	20	14	12	10	18	339	power transmission mechanism
woodworking machine	4	9	4	3	10	11	5	6	8	6	2	5	6	8		4	3	6	3	2	5	7	6	123	woodworking machine
construction machine	17	7	10	9	8	18	11	13	6	7	9	13	16	17	10	13	13	9	14	16	16	15	15	282	construction machine
metal manufacturing machine	5	3	6	8	2	5	7	4	3	5	4	2	5	1	3	4	6	3	6	9	1	7	5	104	metal manufacturing machine

general machine	89	86	100	104	134	97	90	88	87	80	105	73	88	91	82	67	73	78	79	70	81	70	75	1,987	general machine
mobile silviculture machine																		1						1	mobile silviculture machine
crane	61	55	53	52	48	50	57	46	27	37	36	38	39	27	34	40	37	29	28	24	30	31	29	908	crane
conveying machine	116	114	117	110	109	95	112	110	107	99	90	109	110	123	117	95	105	98	103	99	97	102	95	2,432	conveying machine
vehicle	225	231	214	190	200	223	188	162	202	169	141	151	144	144	134	147	126	141	124	100	134	124	124	3,738	vehicle
pressure vessel	3			1				1		1			1		2	2			2					13	pressure vessel
chemical facilities					1	1																		2	chemical facilities
welding equipment	1	1		1	1	2					1	1	1		2	1				1			1	14	welding equipment
kiln, caldron	2	1	1	1		1			1		1			1	1				1					11	kiln, caldron
electric equipment	2	5		1	3	2		2	1	2	2	2		3	1	1	1	1	1	1	4	1	1	37	electric equipment
human power machine, tools	64	55	79	68	54	60	46	52	65	61	43	44	41	51	48	44	44	44	46	46	33	61	51	1,200	human power machine, tools
tools	224	245	204	213	210	228	191	171	177	154	150	170	172	180	146	155	175	132	149	149	130	135	124	3,984	tools
other equipments, facilities	48	25	42	36	35	32	39	41	45	34	34	36	39	53	40	41	29	31	34	31	35	32	34	846	other equipments, facilities
temporary buildings, establishments	252	235	265	214	228	218	214	228	254	209	193	217	231	243	208	181	200	206	183	230	225	245	247	5,126	temporary buildings, establishments

hazards, harmful substances	9	10	3	7	8	5	8	2	5	7	9	11	8	14	11	9	7	13	9	11	5	14	9	194	hazards, harmful substances
materials	57	48	42	52	44	44	56	38	39	40	33	47	42	30	24	34	25	28	32	32	36	28	33	884	materials
load	74	66	66	52	72	56	48	61	50	33	54	36	43	47	33	41	42	43	24	34	38	47	38	1,098	load
natural environment	607	638	671	611	533	595	583	423	453	609	542	549	544	565	533	505	511	543	542	538	559	638	621	12,913	natural environment
other causal agent	90	87	58	70	77	80	74	247	152	88	55	58	57	55	56	69	72	45	43	61	54	43	56	1,747	other causal agent
no causal agent	37	43	54	52	50	52	35	50	39	43	55	63	63	40	45	47	52	44	41	55	51	73	72	1,156	no causal agent
unclassifiable	7	11	14	3	7	4	6	5	5	2	4	4	1	4	2	1	1	2	2	3	5	1	2	96	unclassifiable
total	2,011	1,994	2,020	1,867	1,853	1,898	1,785	1,768	1,747	1,700	1,577	1,644	1,666	1,708	1,553	1,509	1,541	1,510	1,487	1,527	1,553	1,685	1,657	39,260	total

Causal agents (small) of fatal and non-fatal accidents in livestock/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			2		1		2	3	1	1			1	2				1	1	1	2	1	1	20	engine
power transmission mechanism			15		18		13	15	20	13	14	15	14	9	21	8	19	12	20	14	12	10	18	280	power transmission mechanism
circular sawing machine			1		8		4	4	2	5	1	2	4	7		4	2	4	1	1	3	3	1	57	circular sawing machine
band sawing machine																			1					1	band sawing machine
wood planer machine									2															2	wood planer machine

[illegible]

[illegible]

machine																									machine
other mobile silviculture machine																									other mobile silviculture machine
crane			3		3		2	1	2	4	3	2	1	1	1			1	1		1	3	1	30	crane
mobile crane			4		5		5	5	3	4	7	4	5	4	3	3	8	7	2	2	5	6	3	85	mobile crane
derrick crane							1																	1	derrick crane
elevator, lift			3		2		1		2		1				1	4	1	2	1	1		1	1	21	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	2		1		1	1									6	lumberyard equipment, logging cableway
simple skyline yarding equipment																									simple skyline yarding equipment
other powered crane			36		35		44	37	16	25	23	29	26	17	26	29	25	15	18	17	16	19	15	468	other powered crane
truck			49		45		39	43	53	38	43	51	37	62	44	31	42	45	45	41	51	50	45	854	truck
forklift			14		24		22	11	19	18	22	11	25	21	23	15	26	18	14	22	19	18	11	353	forklift
railway equipment																									railway equipment
conveyor			35		25		20	29	22	24	14	33	28	23	33	29	20	20	23	20	12	20	22	452	conveyor
loader			9		1		6	7	3	6	4	4	5	9	11	8	10	9	6	6	7	7	10	128	loader
straddle carrier																		1				1		2	straddle carrier
rough terrain hauler																					1			1	rough terrain hauler
other powered			10		14		25	20	10	13	7	10	15	8	6	12	7	5	15	10	7	6	7	207	other powered

conveying machines																									conveying machines
cars, bus, motorcycle			21		18		25	16	24	15	15	23	18	12	17	17	8	13	12	8	13	19	10	304	cars, bus, motorcycle
railway vehicle					1														1					2	railway vehicle
other vehicles			193		181		163	146	178	154	126	128	126	132	117	130	118	128	111	92	121	105	114	2,563	other vehicles
boiler															1									1	boiler
pressure vessel								1								1			1					3	pressure vessel
other pressure vessels										1			1		1	1			1					5	other pressure vessels
chemical facilities					1																			1	chemical facilities
gas welding equipment																1								1	gas welding equipment
arc welding equipment					1						1	1	1		2					1			1	8	arc welding equipment
other welding equipment																									other welding equipment
kiln, caldron															1									1	kiln, caldron
industrial dryer			1						1		1			1					1					5	industrial dryer
other kiln, caldron																									other kiln, caldron
transmission					1					2	1						1	1			2			8	transmission
electric power facilities								1						1							1	1		4	electric power facilities
other electrical equipment					2			1	1		1	2		2	1	1			1	1	1		1	15	other electrical equipment
human power			4		3		1		2		1	2		1	1	2		1	3	2	6	7	8	44	human power

cranes																									cranes
human power hauling equipment			27		17		12	19	24	25	17	16	19	18	19	11	17	22	21	19	11	19	14	347	human power hauling equipment
human power machine					2		3	3	1	1	1	2	2	1	1		4		2	1	1	1		26	human power machine
hand tool			48		32		30	30	38	35	24	24	20	31	27	31	23	21	20	24	15	34	29	536	hand tool
ladder			27		29		29	34	34	40	31	31	40	38	38	33	42	43	31	49	33	38	34	674	ladder
slinging tool			6		3		3	5	4		2	3	1	4	2	2	3		3	2	1	4	1	49	slinging tool
other tools			171		178		159	132	139	114	117	136	131	138	106	120	130	89	115	98	96	93	89	2,351	other tools
other equipment, facilities			42		35		39	41	45	34	34	36	39	53	40	41	29	31	34	31	35	32	34	705	other equipment, facilities
scaffolding			3		4		5	4	3	1	2	4	2	4	3	1	1	1	1	3	4	2	2	50	scaffolding
timbering							1										1						1	3	timbering
stairs, landing stage			17		14		16	18	24	9	11	17	21	23	17	20	11	12	11	18	19	21	21	320	stairs, landing stage
opening			7		6		4	5	7	7	6	1	6	6	3	6	5	6	6	8	3	10	7	109	opening
roof, beam, haze, crossbeam, principal rafter			4		8		13	8	10	5	12	6	5	7	8	9	9	7	7	11	6	9	8	152	roof, beam, haze, crossbeam, principal rafter
working platform, boot board			62		48		37	33	40	27	27	39	42	31	47	38	36	41	31	37	27	31	32	706	working platform, boot board
passage			78		72		68	77	69	78	59	82	78	77	59	52	75	70	60	75	74	100	98	1,401	passage
building, establishment			50		50		38	41	57	49	39	35	51	48	35	32	37	40	44	48	53	30	36	813	building, establishment
other temporary buildings, establishments			44		26		32	42	44	33	37	33	26	47	36	23	25	29	23	30	39	42	42	653	other temporary buildings, establishments

explosive substance																		1			1		2	explosive substance	
inflammable substance			1			1			2				2	3			1	1	1				12	inflammable substance	
inflammable gas				3		1								1									5	inflammable gas	
harmful substance			1		1		2	1	4	2	1	3	4	4	4	3	7	5	1	7	3		2	55	harmful substance
radiation																								radiation	
other hazards, harmful substances			1		4		4	1	1	3	8	8	4	8	3	6		7	6	3	2	13	7	89	other hazards, harmful substances
metal material			19		24		20	21	25	18	18	25	16	12	7	16	12	11	12	13	12	16	16	313	metal material
lumber, bamboo			10		7		15	4	3	5	2	5	10	4	4	7	3	4	9	3	8	6	7	116	lumber, bamboo
stone, sand, substance			6		2		4	2	2	3	4	5	3	3	2		1	3	1	2	1	1	1	46	stone, sand, substance
other materials			7		11		17	11	9	14	9	12	13	11	11	11	9	10	10	14	15	5	9	208	other materials
load			60		63		48	59	49	32	52	35	42	43	30	38	40	41	22	33	37	45	35	804	load
machine/equipment as load			6		9			2	1	1	2	1	1	4	3	3	2	2	2	1	1	2	3	46	machine/equipment as load
natural ground, rock			4		12		7	7	6	5	3	4	6	2		7	6	3	3	3	6	4	4	92	natural ground, rock
standing tree			2				3		4	1	4	1	3	2	6	6	4	2		2	2	5	3	50	standing tree
water			8		10		12	3	3	17	11	6	17	8	11	10	10	2	5	5	7	5	3	153	water
abnormal environment			1		4		4	1	2	4	2	2	5	3	3	1	5	3	2	1	1	1	3	48	abnormal environment
high/cold temperature environment			4				8	8	8	6		15	10	9	9	5	3	9	5	14	10	9	5	137	high/cold temperature environment

Mie	60	71	70		65		49	34	46	44	28	34	49	40	31	34	25	23	25	33	25	32	29	847	Mie
Shiga	98	119	98		85		100	98	103	102	83	84	76	113	89	96	103	92	109	95	91	98	100	2,032	Shiga
Kyoto	8	14	16		18		14	18	23	17	18	19	20	22	15	13	13	16	16	17	7	10	14	328	Kyoto
Osaka	2	18	11		12		16	11	9	13	12	11	7	11	4	8	10	5	8	7	6	2	3	186	Osaka
Hyogo	22	19	24		22		24	13	25	16	18	19	12	25	16	16	12	16	13	13	18	35	37	415	Hyogo
Nara	4	1	3		2		3	2	3	4	2	4	1	7	6	5	4	7	3	1	5	2		69	Nara
Wakayama	13	20	22		33		26	33	19	24	18	28	23	23	15	19	25	22	9	15	10	6	10	413	Wakayama
Tottori	14	13	7		6		4	5	5	7	4		3	6	4	8	9	3	4	5	10	5	8	130	Tottori
Shimane	18	27	21		28		16	13	15	17	22	21	18	15	12	16	20	18	10	14	21	11	20	373	Shimane
Okayama	12	26	20		25		17	14	19	24	18	15	17	16	22	13	18	10	20	21	19	23	30	399	Okayama
Hiroshima	50	44	30		43		43	44	47	30	34	31	39	40	40	43	33	35	32	45	40	43	39	825	Hiroshima
Yamaguchi	21	24	8		12		13	16	15	11	5	10	9	15	13	12	9	8	10	14	8	5	11	249	Yamaguchi
Tokushima	22	14	16		14		8	14	7	18	11	5	8	16	12	5	5	9	12	8	13	9	6	232	Tokushima
Kagawa	15	21	16		26		13	13	18	11	12	9	15	15	15	11	14	13	15	16	5	17	8	298	Kagawa
Ehime	51	38	42		50		42	34	32	16	23	29	29	29	19	23	22	28	16	17	15	21	23	599	Ehime
Kochi	31	36	29		23		28	29	35	29	14	26	37	20	28	16	15	19	28	28	19	20	18	528	Kochi
Fukuoka	16	12	13		18		13	15	17	8	16	15	9	14	15	16	10	20	12	13	12	10	24	298	Fukuoka
Saga	19	18	22		15		19	29	11	22	17	15	16	20	20	16	22	18	22	15	10	30	17	393	Saga
Nagasaki	69	50	58		65		46	55	51	51	32	55	41	37	38	43	30	34	43	34	41	43	44	960	Nagasaki
Kumamoto	45	44	38		26		29	34	41	36	28	30	29	31	25	28	35	32	17	35	31	43	39	696	Kumamoto
Oita	28	27	34		30		41	27	20	25	18	27	23	23	26	18	20	16	28	27	18	22	24	522	Oita
Miyazaki	57	37	51		48		63	60	68	59	68	50	65	50	43	38	45	56	55	58	50	50	39	1,110	Miyazaki
Kagoshima	93	81	102		92		109	96	87	103	87	95	92	98	97	85	97	84	104	94	101	101	112	2,010	Kagoshima
Okinawa	3	5	5		6		14	7	18	11	6	5	12	9	18	8	12	10	10	11	8	15	5	198	Okinawa

injury to the sole of the foot																									injury to the sole of the foot
drown	7	4	6	1	1	7	5	1	5	12	4	7	10	9	7	8	6	3	5	1	6	5	6	126	drown
contact to high/low-temperature	1		1				1			1		1			1									6	contact to high/low-temperature
contact to harmful substance					1		1			2				1	1		3	1						10	contact to harmful substance
electric shock					2						1											1	4	4	electric shock
explosion					1																		1	1	explosion
burst																									burst
fire			1							1		1												3	fire
traffic accident (public road)	2	2	1	1	1		1	2	1	1	2	2	2			1					1	2		22	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							1		1	1	1	5	1	1	1	1	1	1					16	others
unclassifiable																									unclassifiable
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

Causal agents (large) of fatal accidents in livestock/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	3	3	1	4	3	7	1	1	2	3		4	4	3	3		2	2	4	1	1	1	3	56	machine
crane, conveying machine	11	7	12	8	4	10	11	10	9	15	11	14	10	13	3	11	3	10	12		9	12	12	217	crane, conveying machine
other equipment	2	2	3	1	3	2			1	2	1	2	1		2	2	2		3	2	3		1	35	other equipment
temporary buildings, establishments	2	1	2	1	2	1		2	2		1	1	1	1	1		1	1	2	3	1	1	1	28	temporary buildings, establishments
substance, material	1				2										1		2							6	substance, material
load											1							1				1	1	4	load
environment	4	3	4	5	3	3	5	3	1	12	4	7	16	1	6	7	8	3	3		3	4	6	111	environment
others							1			1	1			1	3		1	2			1			11	others
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

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

[illegible]

[illegible]

load											1							1				1	1	4	load
natural environment	4	3	4	5	3	3	5	3	1	12	4	7	16	1	6	7	8	3	3		3	4	6	111	natural environment
other causal agent							1			1	1				3		1				1			8	other causal agent
no causal agent														1				1						2	no causal agent
unclassifiable																		1						1	unclassifiable
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

Causal agents (small) of fatal accidents in livestock/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																									engine
power transmission mechanism		1							1				1		1					1			2	7	power transmission mechanism
circular sawing machine																									circular sawing machine
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

[illegible]

[illegible]

pressure vessel																									pressure vessel
other pressure vessels																									other pressure vessels
chemical facilities																									chemical facilities
gas welding equipment																									gas welding equipment
arc welding equipment											1												1		arc welding 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	2	other electrical equipment
human power cranes																				1			1		human power cranes
human power hauling equipment																									human power hauling equipment
human power machine																									human power machine
hand tool																									hand tool
ladder	1					1									1			2					5		ladder

[illegible]

other hazards, harmful substances																									other hazards, harmful substances
metal material				1																			1	metal material	
lumber, bamboo																								lumber, bamboo	
stone, sand, substance																								stone, sand, substance	
other materials																								other materials	
load										1							1				1	1	4	load	
machine/equipment as load																								machine/equipment as load	
natural ground, rock										1		1								1		1	4	natural ground, rock	
standing tree											1						1					1	3	standing tree	
water	1		2	1		3	2			7	2	4	14		4	3	3	1	1		1	3	1	53	water
abnormal environment					1		1			2				1			1	1						7	abnormal environment
high/cold temperature environment			1				1			1		1			1	1								6	high/cold temperature environment
other environments	3	3	1	4	2		1	3	1	1	1	2	1		1	3	3	1	2		1	1	3	38	other environments
other causal agent							1			1	1				3		1				1			8	other causal agent
no causal agent														1				1						2	no causal agent
unclassifiable																		1						1	unclassifiable
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

Workers age of fatal accidents in livestock/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							1					1						3		7	19 years old or less
20-29	3		1	1		2	1	2		4	3	3	3	1	4	4	5	2	3	1		2		45	20-29
30-39	1	1	4	1	2	2	4	1	1	6		5	1	2	4	3	4	1	1		2	3	3	52	30-39
40-49	2	4	5	4	3	4	2	5	2	6	1	3	6	4	2	3	2	5	4			3	2	72	40-49
50-59	2	3	6	4	3	6	3	5	7	4	3	6	9	3	2	3	2	2	6	1	3	2	7	92	50-59
60 years old or more	14	8	6	8	9	9	8	3	5	13	11	11	13	9	7	6	6	9	10	4	13	6	12	200	60 years old or more
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

Workers' number of workplace of fatal accidents in livestock/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	13	9	14	9	12	11	11	9	8	19	13	15	20	11	9	11	12	13	16	1	10	13	16	275	9 workers or less
10-29	7	6	6	8	3	10	6	5	3	11	6	7	6	6	6	5	6	4	7	2	6	4	6	136	10-29
30-49	1	1	1	2	2	2	1	1	1	3		4	4	1	4		1	2	1	2	2	2	2	40	30-49
50-99	1		1					1	3			2	2	1		4				1				16	50-99
100-299	1																							1	100-299
300 workers or more																									300 workers or more
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

Month of fatal accidents in livestock/fishery in 1999-2021

[illegible]

January	2	2	2	4	2	3	3	1	2	5	1	4	1	1	4	1	2	1	5	1	1	1		49	January
February	2	1	1	2	1		2			3	2		1	3	1	2	2	1	1		2		2	29	February
March	2	3	2	3		1	2	4	1			2	18		3	2		1	3		1	3	3	54	March
April	1	2	4	2	1	5	1			8	2	2	2		2	1	3	2	2		4	1		45	April
May	1	2	4		1	2			1		2	3	2	2	1	3	2	3	1		1	1	6	38	May
June	1		2		2	1	2		3	2	2	4		1	1			2	1		2	1	1	28	June
July	3	1		1	1	1	1	1		4	3	2			1	1	2	1	1			3	2	29	July
August	3		2	3	2	1	2	3	2	3	2	1	1		2	3	2	4	1	1	1	2		41	August
September		3	1	1	1	2	2	2	1	2	1	1	2	5	2	3	1	3	3	1		2	2	41	September
October	5		2	3	1	2	1	1	2	2	4	1	1	7		2	1				3			38	October
November	2	1	2		4	3	1	1	2	2		3	3		1	1	3	1	2	1	2	1	3	39	November
December	1	1			1	2	1	3	1	2		5	1		1	1	1		4	2	1	4	5	37	December
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

Prefecture of fatal accidents in livestock/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	7	2	7	6	4	4	6	5	7	3	7	10	6	6	4	7		5	8	1	4	5	4	118	Hokkaido
Aomori								1	1	8	1		1	2	2	1	1		2			3	3	26	Aomori
Iwate		1		2	1		2			2		1	7		2	1			1					20	Iwate
Miyagi		1	1					1			1		5			1	3		1					14	Miyagi
Akita			1					1				1												3	Akita
Yamagata	1		1								1													3	Yamagata
Fukushima								1	1				2									1		5	Fukushima
Ibaraki		1		4			1	1		1	1	1		2		2	1	1	2			1	2	21	Ibaraki

Tochigi		1							1														2	Tochigi	
Gunma						2					2	1		1					1				7	Gunma	
Saitama										1								1	1				3	Saitama	
Chiba	1	2	1									1		1	1	1				1		1	10	Chiba	
Tokyo					1							2											3	Tokyo	
Kanagawa							1		1												1		3	Kanagawa	
Niigata	2					1		1		2							1						7	Niigata	
Toyama			1			1			1	2			1					1		1	1		9	Toyama	
Ishikawa	1	3							1			1								1			7	Ishikawa	
Fukui										1							1						2	Fukui	
Yamanashi										1													1	Yamanashi	
Nagano									1			1											2	Nagano	
Gifu													1				1		1			2	5	Gifu	
Shizuoka	2					1	2	1		1	1		2		1		1	1		1	1		2	17	Shizuoka
Aichi			1										1									1	3	Aichi	
Mie		1			1		1						1					1		1			6	Mie	
Shiga	1						1								1		1		1				5	Shiga	
Kyoto						1				1								2					4	Kyoto	
Osaka											1	1						1			1		4	Osaka	
Hyogo		1	1		1	1					1			2							1	1	9	Hyogo	
Nara						1																	1	Nara	
Wakayama	1			1		1	1	1				1				1	2		1				1	11	Wakayama
Tottori	1																			1			2	Tottori	
Shimane					1					1	1						1		1				1	6	Shimane

Okayama	1				1	1							1											4	Okayama
Hiroshima	1	1				2				1			1	2	2			1			1			12	Hiroshima
Yamaguchi												1								1				2	Yamaguchi
Tokushima			2									1		2				2	1		1			9	Tokushima
Kagawa				1			2			1					1	1							1	7	Kagawa
Ehime	2		1		1				1				1											6	Ehime
Kochi					1	1					1			1	1						1	1	2	9	Kochi
Fukuoka															1		1	2						4	Fukuoka
Saga			1					1				1												3	Saga
Nagasaki				1		3				2		3			1		2	1	1				1	15	Nagasaki
Kumamoto		1			2	1		1		2	1	1			1	1	1			1	1	1		15	Kumamoto
Oita		1	2	2	1		1	1	1	1	1	1									1	1		14	Oita
Miyazaki			1							1				1				1				1	1	6	Miyazaki
Kagoshima	2		1	2	2	2				1		1	1		1	1	2	1	2	1		1	1	22	Kagoshima
Okinawa																1								1	Okinawa
total	23	16	22	19	17	23	18	16	15	33	19	28	32	19	19	20	19	19	24	6	18	19	24	468	total

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

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