

1 Occurrence of animal infectious diseases in Japan

In Japan, under the Act, 28 diseases of particular importance for the livestock sector, including foot and mouth disease (FMD), classical swine fever (CSF), and HPAI, are designated as “Domestic animal infectious diseases.” In addition, 71 relevant infectious diseases following domestic animal infectious diseases are designated as “Notifiable infectious diseases,” and their occurrences are monitored by mandatory notification. Concerning the Domestic animal infectious diseases, in 2023, HPAI occurred from autumn to the following spring, making four consecutive seasons (see → Special Feature 1). As for CSF, which occurred in Japan in September 2018 for the first time in 26 years, the number of outbreaks has decreased, but sporadic outbreaks continue to be reported. As for FMD and ASF, which

continue to occur in Asia, Japan remained disease-free. Surveillance of bovine tuberculosis and brucellosis has continued after disease-free status was achieved, and no new outbreaks have occurred. Occurrences of Johne’s disease have been continuously reported. Among Notifiable infectious diseases, the number of bovine leukosis cases has remained high. The WOAHP grants official disease status for certain diseases upon request from the member countries, and Japan is officially recognized as free from FMD, BSE, and African horse sickness as shown in chart 1-1. The charts 1-2 and 1-3 show the annual number of cases of major Domestic animal infectious diseases and Notifiable infectious diseases.

Chart 1-1 Official recognition of specific disease status by WOAHP

FMD	Free country without vaccination (2011)
BSE	Negligible risk (2013)
African horse sickness	Free country (2014)

Chart 1-2 Number of reported major domestic animal infectious diseases outbreaks (year)

		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Foot and mouth disease	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Enzootic encephalitis (Swine)	# of farms	6	2	5	0	0	0	1	0	1	2
	# of animals	8	3	17	0	0	0	2	0	1	4
Brucellosis (Cattle)	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Tuberculosis (Cattle)	# of farms	1	0	0	0	0	0	0	0	0	0
	# of animals	1	0	0	0	0	0	0	0	0	0
Johne's disease (Cattle)	# of farms	326	327	315	374	321	380	399	446	519	471
	# of animals	783	691	624	817	831	1066	809	957	1147	1060
Bovine spongiform encephalopathy	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Scrapie (Sheep)	# of farms	0	0	1	0	0	0	0	0	0	1
	# of animals	0	0	1	0	0	0	0	0	0	1
Equine infectious anemia	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Classical swine fever*	# of farms	0	0	0	0	6	45	10	15	9	4
	# of animals	0	0	0	0	9	102	23	43	29	11
African swine fever	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Highly pathogenic avian influenza*	# of farms	4	2	5	5	1	0	33	25	66	38
	# of animals	18	13	27	33	8	0	113	152	255	94
Low pathogenic avian influenza	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Newcastle disease	# of farms	0	0	0	0	0	0	0	0	0	0
	# of animals	0	0	0	0	0	0	0	0	0	0
Foulbrood	# of farms	57	59	42	30	42	33	39	33	26	16
	# of animals	168	130	89	74	135	104	127	110	106	56

*Only animals diagnosed in accordance with relevant regulations are included in this table (i.e. animals culled as a result of outbreak response are not included in this table)
There were no outbreaks of the following infectious diseases between 2014 and 2023.
Rinderpest, Contagious bovine pleuropneumonia, Rabies, Vesicular stomatitis, Rift valley fever, Anthrax, Hemorrhagic Septicemia, Glanders, African horse sickness, Peste des petits ruminants, Fowl cholera, Avian salmonellosis, Swine vesicular disease.

Chart 1-3 Number of reported major notifiable infectious diseases outbreaks

		2014	2015	2016
Bluetongue (Cattle)	# of Farms	0	0	0
	# of Animals	0	0	0
Akabane disease (Cattle)	# of Farms	2	3	2
	# of Animals	2	3	2
Malignant catrrhal fever	# of Farms	1	1	0
	# of Animals	1	1	0
Lumpy skin disease	# of Farms	0	0	0
	# of Animals	0	0	0
Bovine viral diarrhea	# of Farms	134	158	222
	# of Animals	259	310	406
Infectious bovine rhinotracheitis	# of Farms	19	14	15
	# of Animals	105	129	648
Bovine leukosis	# of Farms	1683	2023	1998
	# of Animals	2415	2869	3125
Bovine ephemeral fever	# of Farms	0	11	0
	# of Animals	0	22	0
Bovine genital campylobacteriosis	# of Farms	0	1	1
	# of Animals	0	1	1
Trypanosomiasis	# of Farms	1	0	0
	# of Animals	1	0	0
Equine influenza	# of Farms	0	0	0
	# of Animals	0	0	0
Equine rhinopneumonitis	# of Farms	19	25	26
	# of Animals	54	42	59
Aujeszky's disease	# of Farms	0	1	0
	# of Animals	0	5	0
Swine transmissible gastroenteritis	# of Farms	14	0	1
	# of Animals	469	0	63
Porcine reproductive and respiratory syndrome	# of Farms	19	34	29
	# of Animals	39	131	82
Porcine epidemic diarrhea	# of Farms	836	217	87
	# of Animals	3885	1088	420
Avian infectious bronchitis	# of Farms	13	12	21
	# of Animals	1058	4717	3029
Avian infectious laryngotracheitis	# of Farms	4	5	1
	# of Animals	15	21	5
Avian mycoplasmosis	# of Farms	3	6	16
	# of Animals	14	23	58
Nosemosis of bees	# of Farms	0	0	5
	# of Animals	0	0	8

		2017	2018	2019	2020	2021	2022	2023
		1	0	1	0	0	0	0
		2	0	1	0	0	0	0
		0	0	0	1	0	1	6
		0	0	0	1	0	1	14
		0	1	0	1	0	0	1
		0	1	0	1	0	0	1
		0	0	0	0	0	0	0
		0	0	0	0	0	0	0
		221	230	207	148	109	76	70
		380	382	359	265	235	119	172
		13	4	9	5	12	4	7
		54	7	44	11	36	12	23
		2227	2323	1944	2075	2179	2182	2317
		3453	3859	4113	4197	4375	4334	4493
		0	0	4	0	0	0	0
		0	0	7	0	0	0	0
		3	1	1	0	0	0	0
		3	1	1	0	0	0	0
		0	1	1	0	0	0	1
		0	1	1	0	0	0	1
		0	0	0	0	0	0	0
		0	0	0	0	0	0	0
		18	24	17	19	13	18	9
		34	31	21	37	18	25	10
		1	0	0	0	0	0	0
		4	0	0	0	0	0	0
		0	0	1	0	2	0	0
		0	0	4	0	8	0	0
		23	27	25	19	18	28	9
		58	80	58	34	72	72	50
		66	33	137	35	34	6	24
		251	173	764	242	202	32	127
		25	27	15	25	28	19	24
		545	153	127	705	1417	96	136
		10	2	1	7	8	16	9
		13	8	20	16	27	74	43
		2	6	7	7	1	5	5
		8	13	25	28	2	15	13
		2	2	3	0	1	1	1
		2	4	4	0	1	8	1