AQUATIC ANIMAL DISEASE REPORT - 2023

				AÇ	UATIC ANI	WIAL DISE	ASE KEI OK	1 - 2023							
Country/territory:	Singapore														
Item]	Disease status/oc	currence code a/	'c/					T 1.6	Epidemiologi-	
DISEASES PREVALENT IN THE REGION		Month											Level of diagnosis	cal comment	
FINFISH DISEASES	January	February	March	April	May	June	July	August	September	October	November	December	diagnosis	numbers	
WOAH-listed diseases															
1. Infection with epizootic haer	matopoietic necrosis virus	0000	0000	0000	0000	0000	0000								
2. Infection with infectious hae	matopoietic necrosis virus	0000	0000	0000	0000	0000	0000								
3. Infection with spring viremia	a of carp virus	0000	0000	0000	0000	0000	0000								
4. Infection with viral haemorr	hagic septicaemia virus	0000	0000	0000	0000	0000	0000								
5. Infection with Aphanomyces		0000	0000	0000	0000	0000	0000								
6. Infection with red sea bream	iridovirus	(2019)	(2019)	(2019)	(2019)	(2019)	(2019)								
7. Infection with koi herpesviru	1S	(2019)	(2019)	(2019)	(2019)	(2019)	(2019)								
8. Infection with tilapia lake vii	rus	0000	0000	0000	0000	0000	0000								
Non WOAH-listed diseases															1
9. Grouper iridoviral disease		(2014)	(2014)	(2014)	(2014)	(2014)	(2014)								
10. Viral encephalopathy and r	etinopathy	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)								
11. Enteric septicaemia of catfi	1 7	***	***	***	***	***	***								
12. Carp Edema Virus Disease		***	***	***	***	***	***								_
MOLLUSC DISEASES															
WOAH-listed diseases															+
Infection with Bonamia exiti	iora	***	***	***	***	***	***								
Infection with <i>Perkinsus olse</i>		***	***	***	***	***	***								4
		***	***	***	***	***	***								-
3. Infection with abalone herpesvirus		***	***	***	***	***	***								4
Infection with Xenohaliotis californiensis Infection with Bonamia ostreae		***	***	***	***	***	***								4
	eae	***	***	***	***	***	***								4
Non WOAH-listed diseases		***	***	***	***	***	***								
6. Infection with Marteilioides		***	***	***	***	***	***								
7. Acute viral necrosis (in scall	ops)	***	***	***	***	***	***								
CRUSTACEAN DISEASES									ļ						
WOAH-listed diseases															
Infection with Taura syndron		0000	0000	0000	0000	0000	0000								
2. Infection with white spot syr		(2021)	(2021)	(2021)	(2021)	(2021)	(2021)								
3. Infection with yellow head v	0 71	0000	0000	0000	0000	0000	0000								
	podermal and haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000								
Infection with infectious my		0000	0000	0000	0000	0000	0000								
1	um rosenbergii nodavirus (White Tail	***	***	***	***	***	***								
disease)	penaei (Necrotising hepatopancreatitis)	0000	0000	0000	0000	0000	0000								
8. Acute hepatopancreatic necr		0000	0000	0000	0000	0000	0000								
* *		***	***	***	***	***	***		ļ	ļ					-
9. Infection with Aphanomyces astaci (Crayfish plague) 10. Infection with decapod iridescent virus 1 (DIV1)		***	***	***	***	***	***								
Non WOAH-listed diseases															4
11.Hepatopnacreatic Microsporidiosis caused by <i>Enterocytozoon</i>															
hepatopenaei (HPM-EHP)	ridiosis caused by Emerocyto2001	***	***	***	***	***	***								
12. Viral covert mortality disease (VCMD) of shrimps		***	***	***	***	***	***								
13. Spiroplasma eriocheiris infection		***	***	***	***	***	***								
AMPHIBIAN DISEASES															
WOAH-listed diseases		1		1	1	1	1	1			1			1	1
1. Infection with <i>Ranavirus</i> species		***	***	***	***	***	***								
Infection with Ranavirus species Infection with Batrachochytrium dendrobatidis		(2020)	(2020)	(2020)	(2020)	(2020)	(2020)								
Infection with Batrachochytrium aenarobatiats Infection with Batrachochytrium salamandrivorans		(2020)	(2020)	(2018)	(2018)	(2018)	(2018)								
5. Intection with Bundenbenyth	The second and the train	(2010)	(2010)	(2010)	(2010)	(2010)	(2010)								

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6 July 2023 Date:

ANY OTHER DISEASES OF IMPORTANCE										
1 Infection with Scale Drop Disease Virus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
2 Infection with Big Belly bacterium	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
3 Infection with Lymphocystis virus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
4 Infection with Nocardia sp.	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
5 Infection with Streptococcus iniae	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
6 Infection with Tenacibaculum sp.	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
7 Infection with Lates Calcarifer Herpesvirus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)				
8 Infection with Lates Calcarifer Birnavirus	(2022)	(2022)	(2022)	(2022)	(2022)	(2022)				

NOT LISTED BY THE WOAH

Finfish: Channel catfish virus disease

a/ Please use the following occurrence code:

Occurrence code and	<u>Definition</u>	Occurrence code and symbol	Definition
+ Disease limited to one	The disease is present with clinical signs in the whole country (in domestic species or wildlife)	Disease absent	The disease was absent in the country during the reporting period (in domestic species or wildlife).
or more zones +()	The disease is present with clinical signs, and limited to one or more zones/compartments (in domestic species or wildlife)	Never reported 0000	The disease has "never been reported" (historically absent) for the whole country in domestic species and
	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed (in domestic species or wildlife)		wildlife. No information is available regarding the presence or
limited to one or more	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed and limited to one or more zones/compartments (in domestic species or wildlife)	No information ***	No mormation is available regarding the presence of the absence of this disease during the reporting period (in domestic species or wildlife).
	The presence of the disease was suspected but not confirmed (in domestic species or wildlife)		
limited to one or more	The presence of the disease was suspected but not confirmed and limited to one or more zones/compartments (in domestic species or wildlife)		

b/ If there is any changes on historical data, please highlight in RED

1. Epidemiological c	omments:
(Comments should inclu Preventive/control measu	de: 1) Origin of the disease or pathogen (history of the disease); 2) Species affected; 3) Disease characteristics (unusual clinical signs or lesions); 4) Pathogen (isolated/sero-typed); 5) Mortality rate (high/low; decreasing/increasing); 6) Death toll (economic loss, etc); 7) Size of infected areas or names of infected areas; 8) ures taken; 9) Samples sent to national or international laboratories for confirmation (indicate the names of laboratories); 10) Published paper (articles in journals/website, etc). and 11) Unknown diseases: describe details as much as possible.)
Comment No.	
1	
2	
3	
4	
5	
2. New aquatic anim	al health regulations introduced within past six months (with effective date):