

Country/territory: BRUNEI DARUSSALAM

Item	January	February	March	April
DISEASES PREVALENT IN THE REGION				
FINFISH DISEASES				
OIE-listed diseases				
1. Infection with epizootic haematopoietic necrosis virus	***	***	***	
2. Infection with infectious haematopoietic necrosis virus	***	***	***	
3. Infection with spring viremia of carp virus	***	***	***	
4. Infection with viral haemorrhagic septicaemia virus	***	***	***	
5. Infection with <i>Aphanomyces invadans</i> (EUS)	***	***	***	
6. Infection with red sea bream iridovirus	0000	0000	0000	
7. Infection with koi herpesvirus	***	***	***	
Non OIE-listed diseases				
8. Grouper iridoviral disease	-	-	-	
9. Viral encephalopathy and retinopathy	-	-	-	
10. Enteric septicaemia of catfish	***	***	***	
11. Carp Edema Virus Disease	***	***	***	
12. Tilapia lake virus (TiLV)	-	-	-	
MOLLUSC DISEASES				
OIE-listed diseases				
1. Infection with <i>Bonamia exitiosa</i>	***	***	***	
2. Infection with <i>Perkinsus olseni</i>	***	***	***	
3. Infection with abalone herpesvirus	***	***	***	
4. Infection with <i>Xenohalotis californiensis</i>	***	***	***	
5. Infection with <i>Bonamia ostreae</i>	***	***	***	
Non OIE-listed diseases				
6. Infection with <i>Marteilioides chungmuensis</i>	***	***	***	
7. Acute viral necrosis (in scallops)	***	***	***	
CRUSTACEAN DISEASES				
OIE-listed diseases				
1. Infection with Taura syndrome virus	0000	0000	0000	
2. Infection with white spot syndrome virus	-	-	-	
3. Infection with yellow head virus genotype 1	-	-	-	
4. Infection with infectious hypodermal and haematopoietic necrosis virus	-	-	-	
5. Infection with infectious myonecrosis virus	-	-	-	
6. Infection with <i>Macrobrachium rosenbergii</i> nodavirus (White Tail disease)	-	-	-	
7. Infection with <i>Hepatobacter penaei</i> (Necrotising hepatopancreatitis)	***	***	***	
8. Acute hepatopancreatic necrosis disease (AHPND)	0000	0000	0000	
9. Infection with <i>Aphanomyces astaci</i> (Crayfish plague)	***	***	***	
Non OIE-listed diseases				
10. Hepatopancreatic Microsporidiosis caused by <i>Enterocytozoon hepatopenaei</i> (HPM-EHP)	-	-	-	
11. Viral covert mortality disease (VCMD) of shrimps	-	-	-	
12. <i>Spiroplasma eriocheiris</i> infection	***	***	***	
13. Decapod iridescent virus 1 (DIV-1)	0000	0000	0000	
AMPHIBIAN DISEASES				
OIE-listed diseases				
1. Infection with <i>Ranavirus</i> species	***	***	***	
2. Infection with <i>Batrachochytrium dendrobatidis</i>	***	***	***	
3. Infection with <i>Batrachochytrium salamandrivorans</i>	***	***	***	

Prepared by:Name: DR AQILAH HAJI JUNAIDIPosition: FISHERIES OFFICERDate: 8 MAY 2021

ANY OTHER DISEASES OF IMPORTANCE				
1				
2				

DISEASES PRESUMED EXOTIC TO THE REGION^b

LISTED BY THE OIE

Finfish: Infection with HPR-deleted or HPR0 salmon anaemia virus; Infection with salmon pancreas disease virus;
Infection with *Gyrodactylus salaris* .

Molluscs: Infection with *Marteilia refringens* ; *Perkinsus marinus* .

NOT LISTED BY THE OIE

Finfish: Channel catfish virus disease

a/ Please use the following occurrence code:

<u>Occurrence code and symbol</u>	<u>Definition</u>	<u>Occurrence code and symbol</u>	<u>Definition</u>
Disease present +	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 reporting period (in domestic species
Disease limited to one 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 absent) for the whole country in domestic wildlife.
Infection/infestation +?	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed (in domestic species or wildlife)	No information ***	No information is available regarding the absence of this disease during the (in domestic species or wildlife).
Infection/infestation limited to one or more zones +?()	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)		
Disease suspected ?	The presence of the disease was suspected but not confirmed (in domestic species or wildlife)		
Disease suspected but not confirmed and limited to one or more zones ?()	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 comments:

(Comments should include: 1) Origin of the disease or pathogen (history of the disease); 2) Species affected; 3) Disease characteristics (unusual clinical signs or 1 Preventive/control measures taken; 9) Samples sent to national or international laboratories for confirmation (indicate the names of laboratories); 10) Published pa

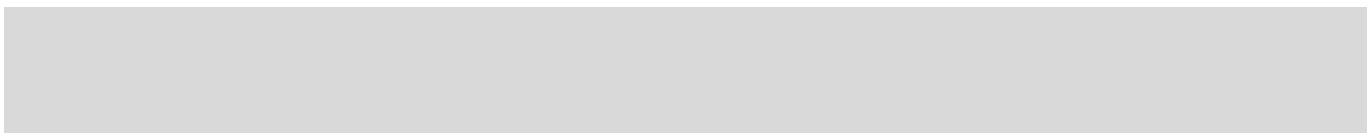
Comment No.	
1	<p>Infection with white spot syndrome virus Infection with yellow head virus genotype 1 Infection with infectious hypodermal and haematopoietic necrosis virus Infection with infectious myonecrosis virus Hepatopancreatic Microsporidiosis caused by Enterocytozoon hepatopenaei (HPM-EHP) Viral covert mortality disease (VCMD) of shrimps Samples of <i>P. stylirostris</i>, <i>P. monodon</i> and <i>L. vannamei</i> were collected as part of the surveilla</p>
2	<p>Decapod iridescent virus 1 (DIV-1) Samples of <i>L. vannamei</i>, <i>M. rosenbergii</i> and crayfish were collected as part of the emerging di</p>
3	

4	
5	

2. New aquatic animal health regulations introduced within past six months (with effective date):

MAL DISEASE REPORT - 2021

Disease status/occurrence code a/b/								Level of diagnosis
Month								
May	June	July	August	September	October	November	December	
								III
								III
								I, III
								III
								III
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y during the
: or wildlife).

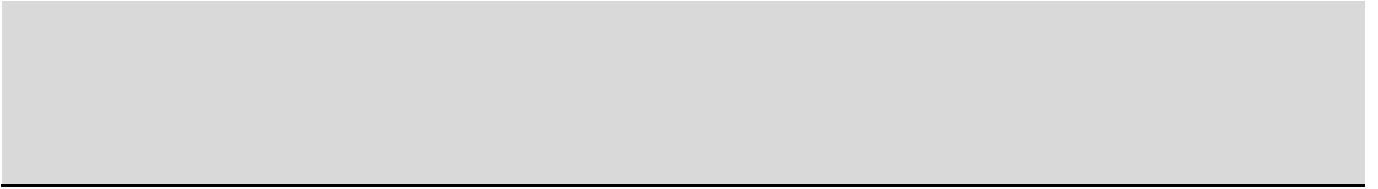
" (historically
estic species and

g the presence or
: reporting period

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
uper (articles in journals/website, etc). and 11) Unknown diseases: describe details as much as possible.)

nce program. Samples were analysed using PCR and showed negative results for these diseases.

sease monitoring program. Samples were analysed using PCR and showed negative results for DIV-1.



Epidemiologi-
cal comment
numbers

1

1

1

1

1

1

2

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infected areas; 8)

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