

Follow-up report No.3

Report reference: , Reference OIE : 15380, Report Date : 09/06/2014, Country : Qatar

Report Summary

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|-------------------------------------|--------------------------------------|------------------------------|-----------------------|
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| | | Date submitted to OIE | 09/06/2014 |

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|-------------------------------------|------------------------|--|--------------------------------------|
| Animal type | Terrestrial | Date of report | 09/06/2014 |
| Causal Agent | MERS-CoV | Date of start of the event | 14/10/2013 |
| Reason | Emerging disease | Date of pre-confirmation of the event | 26/11/2013 |
| Number of reported outbreaks | submitted= 3, Draft= 0 | Disease Name | *MERS-CoV * (New Unknown Disease) |

Disease Impact

| | | | |
|--|------------------|------------------|--|
| Units for morbidity and mortality | Morbidity | Mortality | Zoonotic potential |
| quant | 17% | 0% | Asymptomatic exposure of camel to MERS-CoV (laboratory advanced) |

Outbreak details

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|------------------------------------|---|-------------|--------------|-----------|-------------|-------------|-----------|------------|-----------|
| AR RAYYAN-other report - submitted | - | Ar Rayyan | Al-Shahanya | Farm | Al-Shahanya | 25.2015 | 51.1254 | 14/10/2013 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Camelidae | Animals | 14 | 3 | 0 | 0 | 0 | | | |
| Affected Population | Small farm with 14 camels, one sheep, one pigeon cage and some chicken. | | | | | | | | |

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|------------------------------------|---|-------------|--------------|-----------|-------------|-------------|-----------|------------|-----------|
| AR RAYYAN-other report - submitted | - | Ar Rayyan | Al-Shahanya | Farm | Al-Shahanya | 25.21 | 51.13 | 11/02/2014 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Camelidae | Animals | 26 | 1 | 0 | 0 | 0 | | | |
| Affected Population | A single barn of 26 camels of different ages. | | | | | | | | |

| Province | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date | End Date: |
|--------------------------------------|--|-------------|--------------|-----------|-------------|-------------|-----------|------------|-----------|
| AR RAYYAN- (this report - submitted) | - | Ar Rayyan | Al-Shahanya | Farm | Al-Shahanya | 25.22 | 51.14 | 18/05/2014 | |
| Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered | | | |
| Camelidae | Animals | 12 | 5 | 0 | 0 | 0 | | | |
| Affected Population | Three barns of 12 camels of different ages and at same place | | | | | | | | |

Outbreak summary: Total outbreaks = 3 (Submitted)

| Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|-----------|-------------|-------|--------|-----------|-------------|
| Camelidae | 52 | 9 | 0 | 0 | 0 |

Epidemiology

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|---|
| Epidemiological comments |
| Milk was collected according to local customs; cria's (dromedary calves) were not weaned after delivery but kept at the farm in paddocks adjacent to their dams throughout lactation. Dams were reunited with their cria to trigger milk production. Once milk production was initiated, the milk samples were collected by the camel owner or caretaker without specific hygienic precautions. |
| Source of the outbreak(s) or origin of infection |
| • Unknown or inconclusive |

Measures applied

| Applied | To be applied |
|--|---|
| <ul style="list-style-type: none">• quarantine• movement control inside the country• screening• zoning• disinfection of infected premises/establishment(s) | <ul style="list-style-type: none">• no planned control measures |
| Animals treated | Vaccination Prohibited |
| No | No |

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
|--------------------|--|-----------|-------------------------------|-----------------------|----------|
| Foreign laboratory | Erasmus Medical Center (Rotterdam) and National Institute for Public Health and the Environment (Bilthoven), The Netherlands | Camelidae | seroneutralization test (SNT) | 18/05/2014 | Positive |

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

