

**SIX-MONTHLY REPORT ON THE NOTIFICATION OF THE PRESENCE OF OIE-LISTED DISEASES**

|                       |                             |                 |
|-----------------------|-----------------------------|-----------------|
| OIE Reference: 148463 | Report period: Jan-Jun 2019 | Country: Brazil |
|-----------------------|-----------------------------|-----------------|

**Report Summary**

|                                     |                                   |                       |  |
|-------------------------------------|-----------------------------------|-----------------------|--|
| <b>Animal type</b>                  | Terrestrial                       | <b>Date of report</b> | 28/08/2019   |
| <b>Submitted</b>                    | Yes                               | <b>Report Period:</b> | Jan-Jun 2019   |
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**1. Summary on OIE-listed diseases/infections present in Brazil**

| OIE-Listed disease                          | occurrence | Serotype(s) | New outbreaks | Total outbreaks | Species | Control Measures                           | Official vaccination | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---|------------|-------------|---------------|-----------------|---------|--|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Bluetongue (Domestic and Wild)              | +          | No          | 2             | 2               | ***     | * Qf GSu<br>Qi Vp                          | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|   |            |             |               |                 | ovi     |  |                      | Animals         | 19          | 1     | 1      | 0                      | 0           | 0  |
|   |            |             |               |                 | fau     |  |                      | Animals         | 28          | 3     | 3      | 0                      | 0           | 0  |
| Q fever (Domestic)                          | +?         | ...         | ...           | ...             | ***     | * GSu                                      | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Q fever (Wild)                              | +?()       |             | ...           | ...             | fau     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Rabies (Domestic and Wild)                  | +          | RABV        | 326           | 326             | fel     | * Qf GSu<br>Qi V                           | ...                  | Animals         | 3           | 3     | 3      | 0                      | 0           | 0  |
|   |            |             |               |                 | ovi     | * Qf GSu<br>Qi V                           | 24373                | Animals         | 22          | 1     | 1      | 0                      | 0           | 0  |
|   |            |             |               |                 | sui     | * Qf GSu<br>Qi V                           | 467                  | Animals         | 11          | 1     | 1      | 0                      | 0           | 0  |
|   |            |             |               |                 | bov     | * Qf GSu<br>Qi V                           | 21254477             | Animals         | 61112       | 355   | 327    | 28                     | 0           | 0  |
|   |            |             |               |                 | buf     | * Qf GSu<br>Qi V                           | 33836                | Animals         | 78          | 2     | 2      | 0                      | 0           | 0  |
|   |            |             |               |                 | can     | * Qf GSu<br>Qi V                           | ...                  | Animals         | 4           | 4     | 4      | 0                      | 0           | 0  |
|   |            |             |               |                 | cap     | * Qf GSu<br>Qi V                           | 27192                | Animals         | 527         | 1     | 1      | 0                      | 0           | 0  |
|   |            |             |               |                 | equ     | * Qf GSu<br>Qi V                           | 29585                | Animals         | 9080        | 62    | 55     | 7                      | 0           | 0  |
|   |            |             |               |                 | cer     | * Qf GSu<br>Qi                             |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|   |            |             |               |                 | cml     | * Qf GSu<br>Qi                             |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|   |            |             |               |                 | fau     | * Qf GSu<br>Qi                             |                      | Animals         | ...         | 22    | 21     | 1                      | 0           | 0  |
| Paratuberculosis (Domestic)                 | +          | ...         | ...           | ...             | ***     | * Qf GSu                                   | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| N. w. screwworm (C. hominivorax) (Domestic) | +          | ...         | ...           | ...             | ***     | * GSu                                      | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Trichinellosis (Wild)                       | +?()       | No          | ...           | ...             | fau     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Brucellosis (Brucella abortus) (Domestic)   | +          | No          | 549           | 549             | bov     | * Qf M Te<br>GSu TSu<br>Qi A In Sd<br>V Ax | 9332081              | Animals         | 73811       | 3049  | 4      | 296                    | 2116        | 0  |

| OIE-Listed disease   | occurrence | Serotype(s) | New outbreaks | Total outbreaks | Species | Control Measures                           | Official vaccination | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|--|------------|-------------|---------------|-----------------|---------|--|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
|  |            |             |               |                 | buf     | * Qf M Te<br>GSu TSu<br>Qi A In Sd<br>V Ax | 28919                | Animals         | 4829        | 46    | 0      | 3                      | 37          | 0  |
| West Nile Fever (Domestic)                                     | +()        | No          | 2             | 2               | avi     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | equ     | * GSu                                      |                      | Animals         | 13          | 2     | 2      | 0                      | 0           | ...  |
| West Nile Fever (Wild)   | +?()       |             | ...           | ...             | fau     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Epizootic haemorrhagic disease (Wild)                          | +?()       |             | ...           | ...             | fau     | * Qf GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Equine encephalomyelitis (Eastern) (Domestic)                  | +?()       |             | ...           | ...             | equ     | * Qf GSu<br>Qi                             |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Surra (Trypanosoma evansi) (Domestic)                          | +          |             | ...           | ...             | bov     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | buf     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | equ     | * GSu                                      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Echinococcus granulosus (Infection with) (Domestic)            | +          |             | ...           | ...             | bov     | * GSu In                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | buf     | * GSu In                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | cap     | * GSu In                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | equ     | * GSu In                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | ovi     | * GSu In                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|  |            |             |               |                 | sui     | * GSu In                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Mycobacterium tuberculosis complex (Infection with) (Domestic) | +          | No          | 457           | 458             | bov     | * Qf M Te<br>GSu TSu<br>Qi A In Sd<br>Ax   |                      | Animals         | 80300       | 3012  | 9      | 427                    | 2373        | 0  |
|  |            |             |               |                 | buf     | * Qf M Te<br>GSu TSu<br>Qi A In Sd<br>Ax   |                      | Animals         | 21          | 7     | 0      | 0                      | 7           | 0  |
| Bovine anaplasmosis (Domestic)                                 | +          | ...         | ...           | ...             | ***     | * GSu T                                    | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Bovine babesiosis (Domestic)                                   | +          | ...         | ...           | ...             | ***     | * GSu T                                    | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Bov. genital campylobacteriosis (Domestic)                     | +          | ...         | ...           | ...             | ***     | * Qf GSu                                   | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |

| OIE-Listed disease                          | occurrence | Serotype(s) | New outbreaks | Total outbreaks | Species | Control Measures                        | Official vaccination | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---|------------|-------------|---------------|-----------------|---------|---|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Enzootic bovine leukosis (Domestic)         | +          |             | ...           | ...             | bov     | * Qf GSu                                |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Inf.bov.rhinotracheit. (IBR/IPV) (Domestic) | +          |             | ...           | ...             | bov     | * GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Trichomonosis (Domestic)                    | +          |             | ...           | ...             | bov     | * Qf GSu<br>T                           |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Bovine spongiform encephalopathy (Domestic) | ++?        | No          | 1             | 1               | bov     | * Qf Te<br>GSu TSu<br>Qi In Sd<br>Ax    |                      | Animals         | 22794       | 1     | 0      | 1                      | 0           | ...  |
| Bovine viral diarrhoea (Domestic)           | +          | ...         | ...           | ...             | ***     | * GSu                                   | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Ovine epididymitis (B. ovis) (Domestic)     | +          |             | ...           | ...             | ovi     | * GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Caprine arthritis/encephalitis (Domestic)   | +          |             | ...           | ...             | cap     | * GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Contagious agalactia (Domestic)             | +( )       | No          | ...           | ...             | ***     | * GSu                                   | ...                  | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|   |            |             |               |                 | o/c     |   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Enzootic abortion (chlamydiosis) (Domestic) | +          |             | ...           | ...             | cap     | * GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|   |            |             |               |                 | ovi     | * GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Maedi-visna (Domestic)                      | +          |             | ...           | ...             | ovi     | * GSu                                   |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Classical swine fever (Domestic)            | +( )       | No          | 25            | 35              | sui     | * Qf M Te<br>GSu TSu<br>Qi In S Z<br>Vp |                      | Animals         | 1303        | 667   | 514    | 789                    | 0           | ...  |

| OIE-Listed disease   | occurrence | Serotype(s) | New outbreaks | Total outbreaks | Species | Control Measures      | Official vaccination | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|--|------------|-------------|---------------|-----------------|---------|-----------------------|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| <p>Classical swine fever - NOTE:</p> <p>En Brasil se consideran dos zonas con distinta situación zoonosanitaria respecto a la Peste Porcina Clásica (PPC). Una zona libre (Provincias de Rio Grande do Sul, Santa Catarina, Acre, Bahia, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Rondônia, São Paulo, Sergipe, Tocantins, Distrito Federal y los municipios de Guajará y Boca do Acre, la parte sur del municipio de Canutama y la parte sudoeste del municipio de Lábrea en la Provincia de Amazonas) y otra zona no libre o infectada (Provincias de Alagoas, Amapá, Amazonas, Ceará, Maranhão, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte y Roraima).</p> <p>Desde octubre de 2018, la intensificación de la vigilancia en la zona no reconocida como libre de PPC en Brasil llevó a la detección de sospechas y confirmación de focos de PPC en la Provincia de Ceará y en el 2019, también en Piauí.</p> <p>La vigilancia para la detección de sospechas de PPC sigue en todo el país, siendo prohibida la movilización de animales y productos de riesgo de la zona infectada hacia la zona libre.</p> <p>In Brazil, two zones with different animal health situation are considered regarding classical swine fever (CSF). A free zone (provinces of Rio Grande do Sul, Santa Catarina, Acre, Bahia, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Rondônia, São Paulo, Sergipe, Tocantins, the Federal District and the municipalities of Guajará and Boca do Acre, the southern part of the municipality of Canutama and the southwestern part of the municipality of Lábrea in the province of Amazonas) and a non-free or infected zone (provinces of Alagoas, Amapá, Amazonas, Ceará, Maranhão, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte and Roraima).</p> <p>Since October 2018, the strengthening of surveillance in the area not recognized free of CSF in Brazil led to the detection of suspected cases and confirmation of CSF outbreaks in the province of Ceará and, in 2019, in Piauí.</p> <p>Surveillance aimed at detecting suspected cases of CSF continues throughout the country, movements of animals and products at risk are prohibited from the infected zone to the free zone.</p> <p>Au Brésil, deux zones de statut sanitaire différent se distinguent au regard de la peste porcine classique (PPC). Une zone indemne (provinces de Rio Grande do Sul, Santa Catarina, Acre, Bahia, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Rondônia, São Paulo, Sergipe, Tocantins, le District fédéral et les communes de Guajará et Boca do Acre, la partie sud de la commune de Canutama et la partie sud-ouest de la commune de Lábrea dans la province de l'Amazonas) et une autre non-ndemne ou atteinte (provinces d'Alagoas, Amapá, Amazonas, Ceará, Maranhão, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte et Roraima).</p> <p>Depuis octobre 2018, la surveillance renforcée menée dans la zone non-ndemne de PPC au Brésil a permis de détecter des suspicions et de confirmer des foyers de PPC dans la province de Ceara et, en 2019, dans la province de Piauí.</p> <p>La surveillance destinée à détecter des suspicions de PPC se poursuit dans tout le pays, les déplacements d'animaux et de produits à risque étant interdits depuis la zone infectée vers la zone indemne.</p> |            |             |               |                 |         |                       |                      |                 |             |       |        |                        |             |  |
| Porcine cysticercosis (Domestic)   | +          |             | ...           | ...             | sui     | * GSu In Ax           |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Equine infectious anaemia (Domestic)   | +          | No          | 1362          | 1362            | equ     | * Qf M Te GSu Qi A Sd |                      | Animals         | 8519        | 2231  | 109    | 873                    | 10          | 0  |
| Equine influenza (Domestic)  | +          |             | ...           | ...             | equ     | * Qf GSu              |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Equine piroplasmiasis (Domestic)   | +          |             | ...           | ...             | equ     | * Qf GSu Qi T         |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Glanders (Domestic)  | +          | No          | 8             | 36              | equ     | * Qf M Te GSu Qi Sd   |                      | Animals         | 1023        | 31    | 2      | 32                     | 0           | 0  |
| Encephalomyelitis (West.) (Domestic)   | +?(?)      |             | ...           | ...             | equ     | * Qf GSu Qi           |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Equid herpesvirus-1 (EHV-1) (Infection with) (Domestic)  | +          |             | ...           | ...             | equ     | * Qf GSu              |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |

| OIE-Listed disease                                   | occurrence | Serotype(s) | New outbreaks | Total outbreaks | Species | Control Measures | Official vaccination | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|--|------------|-------------|---------------|-----------------|---------|------------------|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Avian infectious bronchitis (Domestic)               | +          |             | ...           | ...             | avi     | * Qf GSu Qi      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Avian infect. laryngotracheitis (Domestic)           | +          |             | ...           | ...             | avi     | * GSu            |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Fowl typhoid (Domestic)                              | +          |             | ...           | ...             | avi     | * Qf M GSu Qi    |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Infectious bursal disease (Gumboro) (Domestic)       | +          |             | ...           | ...             | avi     | * Qf GSu Qi      |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Mycoplasma mosis (M. gallisepticum) (Domestic)       | +          |             | ...           | ...             | avi     | * Qf M GSu Qi    |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Avian chlamydiosis (Wild)                            | +?         |             | ...           | ...             | fau     | * Qf GSu S       |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Pullorum disease (Domestic)                          | +          |             | ...           | ...             | avi     | * Qf M GSu Qi    |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Avian mycoplasma mosis (M. synoviae) (Domestic)      | +          |             | ...           | ...             | avi     | * Qf M GSu Qi    |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Acarapisosis of honey bees (Domestic)                | +          |             | ...           | ...             | api     | * GSu            |                      | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| American foulbrood of honey bees (Domestic)          | ?()        | No          | ...           | ...             | api     | * Qf M GSu S     |                      | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| European foulbrood of honey bees (Domestic and Wild) | +          |             | ...           | ...             | api     | * Qf GSu         |                      | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| Varroosis of honey bees (Domestic)                   | +          |             | ...           | ...             | api     | * Qf GSu         |                      | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| Small hive beetle infestation (Domestic and Wild)    | +?()       |             | ...           | ...             | api     | * Qf GSu Qi      |                      | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |

| OIE-Listed disease       | occurrence | Serotype(s) | New outbreaks | Total outbreaks | Species | Control Measures | Official vaccination | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|--------------------------|------------|-------------|---------------|-----------------|---------|------------------|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Leishmaniasis (Domestic) | +          |             | ...           | ...             | can     | * GSu            |                      | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |

## 2. OIE-listed diseases absent in Brazil during the reporting period or never reported

### Multiple species

| Disease  | Date of last occurrence | Species | Control Measures       | Official vaccination |
|--|-------------------------|---------|------------------------|----------------------|
| Anthrax (Domestic)   | 05/2016                 | bov     | * GSu                  |                      |
|  |                         | buf     | * GSu                  |                      |
|  |                         | cap     | * GSu                  |                      |
|  |                         | equ     | * GSu                  |                      |
|  |                         | o/c     | * GSu                  |                      |
|  |                         | ovi     | * GSu                  |                      |
|  |                         | sui     | * GSu                  |                      |
| Aujeszky's disease (Domestic)                                    | 06/2018                 | sui     | * Qf M Te GSu TSu Qi S |                      |
| Brucellosis (Brucella melitensis) (Domestic and Wild)            | 0000                    | bov     | * Qf GSu Sd Ax         |                      |
|  |                         | buf     | * Qf GSu Sd Ax         |                      |
|  |                         | cap     | * Qf GSu Sd Ax         |                      |
|  |                         | cer     | * Qf GSu               |                      |
|  |                         | cml     | * Qf GSu               |                      |
|  |                         | ovi     | * Qf GSu Sd Ax         |                      |
| Brucellosis (Brucella suis) (Domestic)                           | 2006                    | sui     | * Qf GSu Qi            |                      |
|  |                         | bov     | * Qf GSu Qi            |                      |
|  |                         | lep     | * GSu                  |                      |
| Crimean Congo haemorrhagic fever (Domestic and Wild)             | 0000                    | avi     | * Qf GSu S             |                      |
|  |                         | bov     | * Qf GSu S             |                      |
|  |                         | buf     | * Qf GSu S             |                      |
|  |                         | can     | * Qf GSu S             |                      |
|  |                         | cap     | * Qf GSu S             |                      |
|  |                         | cer     | * Qf GSu S             |                      |
|  |                         | cml     | * Qf GSu S             |                      |
|  |                         | equ     | * Qf GSu S             |                      |
|  |                         | fel     | * Qf GSu S             |                      |
|  |                         | lep     | * Qf GSu S             |                      |
|  |                         | ovi     | * Qf GSu S             |                      |
|  |                         | sui     | * Qf GSu S             |                      |
|  |                         | fau     | * GSu                  |                      |
| Echinococcus multilocularis (Infection with) (Domestic and Wild) | 0000                    | bov     | * GSu                  |                      |
|  |                         | buf     | * GSu                  |                      |
|  |                         | cap     | * GSu                  |                      |
|  |                         | cer     | * GSu                  |                      |
|  |                         | equ     | * GSu                  |                      |
|  |                         | ovi     | * GSu                  |                      |
|  |                         | sui     | * GSu                  |                      |
| fau  | *                       |         |                        |                      |
| Epizootic haemorrhagic disease (Domestic)                        | -                       | ***     | * Qf GSu               |                      |
| Foot and mouth disease (Domestic)                                | 21/04/2006              | ***     | * Qf M Te GSu TSu Qi S | ...                  |
|  |                         | ovi     | ln Z                   |                      |
|  |                         | sui     | ln Z                   |                      |
|  |                         | bov     | ln Z V                 | 195351600            |
|  |                         | buf     | ln Z V                 | 688755               |
|  |                         | cap     | ln Z                   |                      |
|  |                         | cml     | Z                      |                      |
| Foot and mouth disease (Wild)                                    | -                       | fau     | * GSu                  |                      |
| Heartwater (Domestic and Wild)                                   | 0000                    | bov     | * Qf GSu S             |                      |
|  |                         | buf     | * Qf GSu S             |                      |
|  |                         | cap     | * Qf GSu S             |                      |
|  |                         | ovi     | * Qf GSu S             |                      |
|  |                         | fau     | * GSu                  |                      |
| Japanese encephalitis (Domestic and Wild)                        | 0000                    | ***     | * GSu                  |                      |

| Disease   | Date of last occurrence | Species | Control Measures | Official vaccination |
|---|-------------------------|---------|------------------|----------------------|
|   |                         | equ     | Qf S             |                      |
| Old world screwworm ( <i>Chrysomya bezziana</i> ) (Domestic and Wild) | 0000                    | ***     | * GSu            |                      |
| Rift Valley fever (Domestic and Wild)                                 | 0000                    | bov     | * Qf GSu S       |                      |
|   |                         | buf     | * Qf GSu S       |                      |
|   |                         | cap     | * Qf GSu S       |                      |
|   |                         | cml     | * Qf GSu S       |                      |
|   |                         | ovi     | * Qf GSu S       |                      |
|   |                         | fau     | * GSu            |                      |
| Rinderpest (Domestic and Wild)  | 1921                    | ***     | * Qf GSu S Vp    |                      |
| Trichinellosis (Domestic)   | -                       | sui     | * Qf GSu Ax      |                      |
| Tularemia (Domestic and Wild)   | 0000                    | ***     | * GSu            |                      |
|   |                         | lep     | Qf S             |                      |

### Cattle

| Disease   | Date of last occurrence | Species | Control Measures | Official vaccination |
|---|-------------------------|---------|------------------|----------------------|
| Bovine spongiform encephalopathy (Wild)               | -                       | fau     | * GSu            |                      |
| Contagious bovine pleuropneumonia (Domestic and Wild) | 0000                    | bov     | * GSu S          |                      |
|   |                         | buf     | * GSu S          |                      |
|   |                         | cap     | * GSu S          |                      |
|   |                         | ovi     | * GSu S          |                      |
| Haemorrhagic septicaemia (Domestic and Wild)          | 0000                    | bov     | * Qf GSu S       |                      |
|   |                         | buf     | * Qf GSu S       |                      |
| Lumpy skin disease (Domestic and Wild)                | 0000                    | bov     | * Qf GSu S       |                      |
|   |                         | buf     | * Qf GSu S       |                      |
| Theileriosis (Domestic)                               | 1994                    | ***     | * GSu S          |                      |
| Trypanosomiasis (Domestic and Wild)                   | 0000                    | bov     | * GSu S          |                      |
|   |                         | buf     | * GSu S          |                      |
|   |                         | cap     | * GSu S          |                      |
|   |                         | cml     | * GSu S          |                      |
|   |                         | ovi     | * GSu S          |                      |
|   |                         | fau     | * GSu            |                      |

### Sheep/Goats

| Disease  | Date of last occurrence | Species | Control Measures | Official vaccination |
|--|-------------------------|---------|------------------|----------------------|
| Contagious caprine pleuropneumonia (Domestic and Wild) | 0000                    | cap     | * Qf GSu S       |                      |
| Nairobi sheep disease (Domestic and Wild)              | 0000                    | cap     | * Qf GSu S       |                      |
|  |                         | ovi     | * Qf GSu S       |                      |
| Peste des petits ruminants (Domestic and Wild)         | 0000                    | bov     | * Qf GSu S Vp    |                      |
|  |                         | cap     | * Qf GSu S Vp    |                      |
|  |                         | ovi     | * Qf GSu S Vp    |                      |
| Salmonellosis ( <i>S. abortusovis</i> ) (Domestic)     | -                       | ovi     | * Qf GSu S       |                      |
| Scrapie (Domestic)                                     | 08/2017                 | ovi     | * GSu Sd         |                      |
| Sheep pox and goat pox (Domestic and Wild)             | 0000                    | cap     | * Qf GSu S       |                      |
|  |                         | ovi     | * Qf GSu S       |                      |

### Swine

| Disease                        | Date of last occurrence | Species | Control Measures | Official vaccination |
|--------------------------------|-------------------------|---------|------------------|----------------------|
| African swine fever (Domestic) | 01/1981                 | sui     | * Qf GSu In S    |                      |
| African swine fever (Wild)     | -                       | fau     | * Qf             |                      |
| Classical swine fever (Wild)   | -                       | fau     | * GSu TSu        |                      |

| Disease   | Date of last occurrence | Species | Control Measures | Official vaccination |
|---|-------------------------|---------|------------------|----------------------|
| <p>Classical swine fever (Wild) - NOTE:</p> <p>En Brasil se consideran dos zonas con distinta situación zoonosanitaria respecto a la Peste Porcina Clásica (PPC). Una zona libre (Provincias de Río Grande do Sul, Santa Catarina, Acre, Bahia, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Rondônia, São Paulo, Sergipe, Tocantins, Distrito Federal y los municipios de Guajará y Boca do Acre, la parte sur del municipio de Canutama y la parte sudoeste del municipio de Lábrea en la Provincia de Amazonas) y otra zona no libre o infectada (Provincias de Alagoas, Amapá, Amazonas, Ceará, Maranhão, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte y Roraima).</p> <p>Desde octubre de 2018, la intensificación de la vigilancia en la zona no reconocida como libre de PPC en Brasil llevó a la detección de sospechas y confirmación de focos de PPC en la Provincia de Ceará y en el 2019, también en Piauí.</p> <p>La vigilancia para la detección de sospechas de PPC sigue en todo el país, siendo prohibida la movilización de animales y productos de riesgo de la zona infectada hacia la zona libre.</p> <p>In Brazil, two zones with different animal health situation are considered regarding classical swine fever (CSF). A free zone (provinces of Rio Grande do Sul, Santa Catarina, Acre, Bahia, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Rondônia, São Paulo, Sergipe, Tocantins, the Federal District and the municipalities of Guajará and Boca do Acre, the southern part of the municipality of Canutama and the southwestern part of the municipality of Lábrea in the province of Amazonas) and a non-free or infected zone (provinces of Alagoas, Amapá, Amazonas, Ceará, Maranhão, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte and Roraima).</p> <p>Since October 2018, the strengthening of surveillance in the area not recognized free of CSF in Brazil led to the detection of suspected cases and confirmation of CSF outbreaks in the province of Ceará and, in 2019, in Piauí.</p> <p>Surveillance aimed at detecting suspected cases of CSF continues throughout the country, movements of animals and products at risk are prohibited from the infected zone to the free zone.</p> <p>Au Brésil, deux zones de statut sanitaire différent se distinguent au regard de la peste porcine classique (PPC). Une zone indemne (provinces de Rio Grande do Sul, Santa Catarina, Acre, Bahia, Espírito Santo, Goiás, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Paraná, Rio de Janeiro, Rondônia, São Paulo, Sergipe, Tocantins, le District fédéral et les communes de Guajará et Boca do Acre, la partie sud de la commune de Canutama et la partie sud-ouest de la commune de Lábrea dans la province de l'Amazonas) et une autre non-indemne ou atteinte (provinces d'Alagoas, Amapá, Amazonas, Ceará, Maranhão, Pará, Paraíba, Pernambuco, Piauí, Rio Grande do Norte et Roraima).</p> <p>Depuis octobre 2018, la surveillance renforcée menée dans la zone non-indemne de PPC au Brésil a permis de détecter des suspicions et de confirmer des foyers de PPC dans la province de Ceara et, en 2019, dans la province de Piauí.</p> <p>La surveillance destinée à détecter des suspicions de PPC se poursuit dans tout le pays, les déplacements d'animaux et de produits à risque étant interdits depuis la zone infectée vers la zone indemne.</p> |                         |         |                  |                      |
| Nipah virus encephalitis (Domestic and Wild)  | 0000                    | sui     | * Qf GSu S       |                      |
| Porcine reproductive and respiratory syndrome (Domestic and Wild)   | 0000                    | sui     | * Qf GSu S       |                      |
| Transmissible gastroenteritis (Domestic)  | -                       | sui     | * Qf GSu S       |                      |

## Equidae

| Disease   | Date of last occurrence | Species | Control Measures | Official vaccination |
|---|-------------------------|---------|------------------|----------------------|
| African horse sickness (Domestic and Wild)              | 0000                    | equ     | * Qf GSu S Vp    |                      |
| Contagious equine metritis (Domestic and Wild)          | 0000                    | equ     | * Qf GSu S       |                      |
| Dourine (Domestic and Wild)                             | 0000                    | equ     | * Qf GSu S       |                      |
| Equine viral arteritis (Domestic)                       | 0000                    | equ     | * Qf GSu S       |                      |
| Venezuelan equine encephalomyelitis (Domestic and Wild) | 0000                    | equ     | * Qf GSu S       |                      |

## Lagomorphs

| Disease   | Date of last occurrence | Species | Control Measures | Official vaccination |
|---|-------------------------|---------|------------------|----------------------|
| Myxomatosis (Domestic)                          | 28/07/2013              | lep     | * Qf GSu         |                      |
| Rabbit haemorrhagic disease (Domestic and Wild) | 0000                    | lep     | * Qf GSu S       |                      |

## Birds

| Disease   | Date of last occurrence | Species | Control Measures          | Official vaccination |
|---|-------------------------|---------|---------------------------|----------------------|
| Avian chlamydiosis (Domestic)   | 1956                    | avi     | * Qf GSu S                |                      |
| Duck virus hepatitis (Domestic)   | 0000                    | avi     | * Qf GSu S                |                      |
| Highly pathogenic avian influenza (Domestic)  | 0000                    | avi     | * Qf Te GSu TSu S Cp Vp   |                      |
| Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds) (Domestic and Wild) | 0000                    | ***     | * Qf GSu                  |                      |
| Low pathogenic avian influenza (poultry) (Domestic)   | 0000                    | avi     | * Qf Te GSu TSu S Cp Vp   |                      |
| Newcastle disease (Domestic)  | 11/2006                 | avi     | * Qf Te GSu TSu Qi S Cp V | 1057860313           |
| Turkey rhinotracheitis (Domestic)   | 0000                    | avi     | * Qf GSu S                |                      |

## Bees

| Disease | Date of last occurrence | Species | Control Measures | Official vaccination |
|---------|-------------------------|---------|------------------|----------------------|
|---------|-------------------------|---------|------------------|----------------------|

| Disease  | Date of last occurrence | Species | Control Measures | Official vaccination |
|--|-------------------------|---------|------------------|----------------------|
| Tropilaelaps infestation of honey bees (Domestic and Wild) | 0000                    | api     | * Qf GSu S       |                      |

#### Other

| Disease             | Date of last occurrence | Species | Control Measures | Official vaccination |
|---------------------|-------------------------|---------|------------------|----------------------|
| Camelpox (Domestic) | 0000                    | cml     | * Qf GSu S       |                      |

### 3. Detailed quantitative information for OIE-listed diseases/infections present in Brazil

#### Disease information by State by month from Jan-Jun 2019

##### Classical swine fever (Domestic)

##### Domestic Species

| Month | Province | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|-------|----------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Jan   | Ceara    | No          | 2             | 12              | sui     |             |            | Animals         | 179         | 85    | 34     | 145                    | 0           | ...  |
| Feb   | Ceara    | No          | 4             | 9               | sui     |             |            | Animals         | 98          | 97    | 67     | 31                     | 0           | ...  |
|       | Piaui    | No          | 1             | 1               | sui     |             |            | Animals         | 32          | 20    | 20     | 12                     | 0           | ...  |
| Mar   | Ceara    | No          | 2             | 7               | sui     |             |            | Animals         | 362         | 176   | 148    | 214                    | 0           | ...  |
|       | Piaui    | No          | 6             | 7               | sui     |             |            | Animals         | 177         | 89    | 67     | 110                    | 0           | ...  |
| Apr   | Ceara    | No          | 1             | 5               | sui     |             |            | Animals         | 34          | 21    | 21     | 13                     | 0           | ...  |
|       | Piaui    | No          | 7             | 14              | sui     |             |            | Animals         | 214         | 63    | 55     | 159                    | 0           | ...  |
| May   | Ceara    | No          | 0             | 5               | sui     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|       | Piaui    | No          | 2             | 14              | sui     |             |            | Animals         | 207         | 116   | 102    | 105                    | 0           | ...  |
| Jun   | Ceara    | No          | 0             | 3               | sui     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
|       | Piaui    | No          | 0             | 3               | sui     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |

##### Bovine spongiform encephalopathy (Domestic)

##### Domestic Species

| Month | Province    | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|-------|-------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Jan   |             |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Feb   |             |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Mar   |             |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Apr   | Mato Grosso | No          | 1             | 1               | bov     |             |            | Animals         | 22794       | 1     | 0      | 1                      | 0           | ...  |
| May   |             |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Jun   |             |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |

##### West Nile Fever (Domestic)

##### Domestic Species

| Month | Province       | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|-------|----------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Jan   |                |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Feb   |                |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Mar   |                |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Apr   |                |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| May   |                |             | 0             | 0               |         |             |            |                 |             |       |        |                        |             |  |
| Jun   | Ceara          | No          | 1             | 1               | equ     |             |            | Animals         | 7           | 1     | 1      | 0                      | 0           | ...  |
|       | Espirito Santo | No          | 1             | 1               | equ     |             |            | Animals         | 6           | 1     | 1      | 0                      | 0           | ...  |

#### Disease information by State from Jan-Jun 2019

### Bluetongue (Domestic and Wild)

| Province | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name           | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|----------|-------------|---------------|-----------------|---------|-------------|----------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Parana   | No          | 1             | 1               | ovi     |             |                      | Animals         | 19          | 1     | 1      | 0                      | 0           | 0  |
| Parana   | No          | 1             | 1               | fau     | Cervidae    | Cervidae (incognita) | Animals         | 28          | 3     | 3      | 0                      | 0           | 0  |

### Rabies (Domestic and Wild)

| Province            | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name      | Latin Name                   | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---------------------|-------------|---------------|-----------------|---------|------------------|------------------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Acre                | RABV        | 1             | 1               | bov     |                  |                              | Animals         | 435         | 1     | 1      | 0                      | 0           | 0  |
| Alagoas             | RABV        | 5             | 5               | bov     |                  |                              | Animals         | 592         | 10    | 10     | 0                      | 0           | 0  |
| Alagoas             | RABV        | 1             | 1               | equ     |                  |                              | Animals         | 9           | 1     | 0      | 1                      | 0           | 0  |
| Amazonas            | RABV        | 1             | 1               | fau     | Phyllostomidae   | Desmodus rotundus            | Animals         | ...         | 1     | 0      | 1                      | 0           | 0  |
| Bahia               | RABV        | 4             | 4               | bov     |                  |                              | Animals         | 1045        | 4     | 4      | 0                      | 0           | 0  |
| Bahia               | RABV        | 1             | 1               | cap     |                  |                              | Animals         | 527         | 1     | 1      | 0                      | 0           | 0  |
| Bahia               | RABV        | 3             | 3               | equ     |                  |                              | Animals         | 43          | 3     | 3      | 0                      | 0           | 0  |
| Ceara               | RABV        | 1             | 1               | bov     |                  |                              | Animals         | 6           | 1     | 1      | 0                      | 0           | 0  |
| Ceara               | RABV        | 2             | 2               | can     |                  |                              | Animals         | 2           | 2     | 2      | 0                      | 0           | 0  |
| Distrito Federal    | RABV        | 2             | 2               | bov     |                  |                              | Animals         | 47          | 2     | 2      | 0                      | 0           | 0  |
| Distrito Federal    | RABV        | 1             | 1               | equ     |                  |                              | Animals         | 6           | 1     | 1      | 0                      | 0           | 0  |
| Espirito Santo      | RABV        | 9             | 9               | bov     |                  |                              | Animals         | 462         | 20    | 20     | 0                      | 0           | 0  |
| Espirito Santo      | RABV        | 4             | 4               | equ     |                  |                              | Animals         | 57          | 6     | 6      | 0                      | 0           | 0  |
| Goiás               | RABV        | 17            | 17              | bov     |                  |                              | Animals         | 6031        | 18    | 18     | 0                      | 0           | 0  |
| Goiás               | RABV        | 6             | 6               | equ     |                  |                              | Animals         | 7673        | 6     | 6      | 0                      | 0           | 0  |
| Maranhao            | RABV        | 1             | 1               | bov     |                  |                              | Animals         | 181         | 1     | 1      | 0                      | 0           | 0  |
| Mato Grosso         | RABV        | 9             | 9               | bov     |                  |                              | Animals         | 4266        | 10    | 7      | 3                      | 0           | 0  |
| Mato Grosso Do Sul  | RABV        | 14            | 14              | bov     |                  |                              | Animals         | 31488       | 46    | 32     | 14                     | 0           | 0  |
| Mato Grosso Do Sul  | RABV        | 4             | 4               | equ     |                  |                              | Animals         | 280         | 8     | 4      | 4                      | 0           | 0  |
| Minas Gerais        | RABV        | 27            | 27              | bov     |                  |                              | Animals         | 1989        | 27    | 24     | 3                      | 0           | 0  |
| Minas Gerais        | RABV        | 4             | 4               | equ     |                  |                              | Animals         | 25          | 4     | 4      | 0                      | 0           | 0  |
| Minas Gerais        | RABV        | 1             | 1               | fel     |                  |                              | Animals         | 1           | 1     | 1      | 0                      | 0           | 0  |
| Para                | RABV        | 12            | 12              | fau     | Phyllostomidae   | Desmodus rotundus            | Animals         | ...         | 1     | 1      | 0                      | 0           | 0  |
|                     |             |               |                 | equ     |                  |                              | Animals         | 35          | 4     | 2      | 2                      | 0           | 0  |
|                     |             |               |                 | bov     |                  |                              | Animals         | 686         | 7     | 6      | 1                      | 0           | 0  |
| Parana              | RABV        | 16            | 16              | fau     | Molossidae       | Tadarida brasiliensis        | Animals         | ...         | 1     | 1      | 0                      | 0           | 0  |
|                     |             |               |                 | fau     | Phyllostomidae   | Desmodus rotundus            | Animals         | ...         | 1     | 1      | 0                      | 0           | 0  |
|                     |             |               |                 | fau     | Vespertilionidae | Vespertilionidae (incognita) | Animals         | ...         | 16    | 16     | 0                      | 0           | 0  |
|                     |             |               |                 | fel     |                  |                              | Animals         | 1           | 1     | 1      | 0                      | 0           | 0  |
|                     |             |               |                 | equ     |                  |                              | Animals         | 9           | 3     | 3      | 0                      | 0           | 0  |
|                     |             |               |                 | bov     |                  |                              | Animals         | 3088        | 30    | 30     | 0                      | 0           | 0  |
| Pernambuco          | RABV        | 3             | 3               | bov     |                  |                              | Animals         | 535         | 3     | 3      | 0                      | 0           | 0  |
| Piaui               | RABV        | 2             | 2               | bov     |                  |                              | Animals         | 116         | 2     | 2      | 0                      | 0           | 0  |
| Rio De Janeiro      | RABV        | 7             | 7               | bov     |                  |                              | Animals         | 196         | 7     | 5      | 2                      | 0           | 0  |
| Rio Grande Do Norte | RABV        | 1             | 1               | bov     |                  |                              | Animals         | 15          | 1     | 1      | 0                      | 0           | 0  |
| Rio Grande Do Norte | RABV        | 1             | 1               | can     |                  |                              | Animals         | 1           | 1     | 1      | 0                      | 0           | 0  |

| Province          | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name      | Latin Name                   | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|-------------------|-------------|---------------|-----------------|---------|------------------|------------------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Rio Grande Do Sul | RABV        | 41            | 41              | fau     | Vespertilionidae | Vespertilionidae (incognita) | Animals         | ...         | 2     | 2      | 0                      | 0           | 0  |
|                   |             |               |                 | equ     |                  |                              | Animals         | 9           | 1     | 1      | 0                      | 0           | 0  |
|                   |             |               |                 | sui     |                  |                              | Animals         | 11          | 1     | 1      | 0                      | 0           | 0  |
|                   |             |               |                 | bov     |                  |                              | Animals         | 1857        | 38    | 37     | 1                      | 0           | 0  |
| Santa Catarina    | RABV        | 31            | 31              | bov     |                  |                              | Animals         | 1951        | 35    | 35     | 0                      | 0           | 0  |
| Santa Catarina    | RABV        | 2             | 2               | equ     |                  |                              | Animals         | 5           | 2     | 2      | 0                      | 0           | 0  |
| Santa Catarina    | RABV        | 1             | 1               | fel     |                  |                              | Animals         | 1           | 1     | 1      | 0                      | 0           | 0  |
| Sao Paulo         | RABV        | 57            | 57              | bov     |                  |                              | Animals         | 5285        | 76    | 75     | 1                      | 0           | 0  |
| Sao Paulo         | RABV        | 2             | 2               | buf     |                  |                              | Animals         | 78          | 2     | 2      | 0                      | 0           | 0  |
| Sao Paulo         | RABV        | 20            | 20              | equ     |                  |                              | Animals         | 925         | 21    | 21     | 0                      | 0           | 0  |
| Sao Paulo         | RABV        | 1             | 1               | ovi     |                  |                              | Animals         | 22          | 1     | 1      | 0                      | 0           | 0  |
| Sao Paulo         | RABV        | 1             | 1               | can     |                  |                              | Animals         | 1           | 1     | 1      | 0                      | 0           | 0  |
| Sergipe           | RABV        | 1             | 1               | bov     |                  |                              | Animals         | 20          | 1     | 1      | 0                      | 0           | 0  |
| Tocantins         | RABV        | 7             | 7               | bov     |                  |                              | Animals         | 821         | 15    | 12     | 3                      | 0           | 0  |
| Tocantins         | RABV        | 2             | 2               | equ     |                  |                              | Animals         | 4           | 2     | 2      | 0                      | 0           | 0  |

### Trichinellosis (Wild)

#### Wild

| Province          | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name         | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|-------------------|-------------|---------------|-----------------|---------|-------------|--------------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Mato Grosso       | No          | ...           | ...             | fau     | Suidae      | Suidae (incognita) | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Rio Grande Do Sul | No          | ...           | ...             | fau     | Suidae      | Suidae (incognita) | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Santa Catarina    | No          | ...           | ...             | fau     | Suidae      | Suidae (incognita) | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |

### Contagious agalactia (Domestic)

#### Domestic Species

| Province            | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---------------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Alagoas             | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Bahia               | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Ceara               | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Maranhao            | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Paraiba             | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Pernambuco          | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Piaui               | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Rio Grande Do Norte | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Sergipe             | No          | ...           | ...             | o/c     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |

### Equine infectious anaemia (Domestic)

#### Domestic Species

| Province | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|----------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Acre     | No          | 5             | 5               | equ     |             |            | Animals         | 52          | 10    | 3      | 18                     | 0           | 0  |
| Alagoas  | No          | 49            | 49              | equ     |             |            | Animals         | 116         | 57    | 0      | 13                     | 0           | 0  |
| Amapa    | No          | 7             | 7               | equ     |             |            | Animals         | 32          | 10    | 0      | 3                      | 0           | 0  |
| Amazonas | No          | 8             | 8               | equ     |             |            | Animals         | 34          | 19    | 0      | 15                     | 0           | 0  |

| Province            | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---------------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Bahia               | No          | 47            | 47              | equ     |             |            | Animals         | 770         | 77    | 0      | 103                    | 0           | 0  |
| Ceara               | No          | 120           | 120             | equ     |             |            | Animals         | ...         | ...   | ...    | ...                    | ...         | ...  |
| Distrito Federal    | No          | 6             | 6               | equ     |             |            | Animals         | 112         | 7     | 0      | 6                      | 0           | 0  |
| Espirito Santo      | No          | 7             | 7               | equ     |             |            | Animals         | 132         | 8     | 0      | 7                      | 0           | 0  |
| Goias               | No          | 46            | 46              | equ     |             |            | Animals         | 474         | 129   | 6      | 89                     | 0           | 0  |
| Maranhao            | No          | 369           | 369             | equ     |             |            | Animals         | 475         | 475   | 52     | 119                    | 0           | 0  |
| Mato Grosso         | No          | 109           | 109             | equ     |             |            | Animals         | 939         | 216   | 0      | 11                     | 0           | 0  |
| Mato Grosso Do Sul  | No          | 43            | 43              | equ     |             |            | Animals         | 997         | 236   | 26     | 109                    | 0           | 0  |
| Minas Gerais        | No          | 79            | 79              | equ     |             |            | Animals         | 563         | 208   | 3      | 16                     | 0           | 0  |
| Para                | No          | 114           | 114             | equ     |             |            | Animals         | 1157        | 147   | 2      | 59                     | 0           | 0  |
| Paraiba             | No          | 24            | 24              | equ     |             |            | Animals         | ...         | 100   | 0      | 36                     | 0           | 0  |
| Parana              | No          | 10            | 10              | equ     |             |            | Animals         | 36          | 14    | 0      | 14                     | 1           | 0  |
| Pernambuco          | No          | 19            | 19              | equ     |             |            | Animals         | 143         | 41    | 1      | 31                     | 0           | 0  |
| Piaui               | No          | 174           | 174             | equ     |             |            | Animals         | 1165        | 274   | 1      | 65                     | 8           | 0  |
| Rio De Janeiro      | No          | 23            | 23              | equ     |             |            | Animals         | 201         | 29    | 1      | 26                     | 0           | 0  |
| Rio Grande Do Norte | No          | 3             | 3               | equ     |             |            | Animals         | 24          | 10    | 0      | 8                      | 0           | 0  |
| Rio Grande Do Sul   | No          | 15            | 15              | equ     |             |            | Animals         | 237         | 38    | 3      | 26                     | 0           | 0  |
| Rondonia            | No          | 17            | 17              | equ     |             |            | Animals         | 137         | 40    | 1      | 47                     | 0           | 0  |
| Roraima             | No          | 8             | 8               | equ     |             |            | Animals         | 43          | 8     | 0      | 7                      | 0           | 0  |
| Santa Catarina      | No          | 6             | 6               | equ     |             |            | Animals         | 34          | 7     | 0      | 6                      | 0           | 0  |
| Sao Paulo           | No          | 9             | 9               | equ     |             |            | Animals         | 72          | 9     | 0      | 3                      | 1           | 0  |
| Sergipe             | No          | 2             | 2               | equ     |             |            | Animals         | 3           | 3     | 0      | 1                      | 0           | 0  |
| Tocantins           | No          | 43            | 43              | equ     |             |            | Animals         | 571         | 59    | 10     | 35                     | 0           | 0  |

## Glanders (Domestic)

### Domestic Species

| Province            | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---------------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Alagoas             | No          | 1             | 1               | equ     |             |            | Animals         | 1           | 1     | 0      | 1                      | 0           | 0  |
| Bahia               | No          | 1             | 1               | equ     |             |            | Animals         | 694         | 8     | 0      | 5                      | 0           | 0  |
| Ceara               | No          | 1             | 1               | equ     |             |            | Animals         | 50          | 4     | 0      | 3                      | 0           | 0  |
| Distrito Federal    | No          | 0             | 2               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Goias               | No          | 0             | 2               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Maranhao            | No          | 0             | 3               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Mato Grosso         | No          | 0             | 5               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Minas Gerais        | No          | 0             | 3               | equ     |             |            | Animals         | ...         | 2     | 0      | 1                      | 0           | 0  |
| Para                | No          | 0             | 2               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Pernambuco          | No          | 1             | 1               | equ     |             |            | Animals         | 16          | 4     | 1      | 2                      | 0           | 0  |
| Rio Grande Do Norte | No          | 0             | 1               | equ     |             |            | Animals         | ...         | 0     | 0      | 1                      | 0           | 0  |
| Rio Grande Do Sul   | No          | 0             | 8               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Santa Catarina      | No          | 0             | 1               | equ     |             |            | Animals         | ...         | 0     | 0      | 0                      | 0           | 0  |
| Sao Paulo           | No          | 2             | 3               | equ     |             |            | Animals         | 238         | 6     | 1      | 13                     | 0           | 0  |
| Sergipe             | No          | 2             | 2               | equ     |             |            | Animals         | 24          | 6     | 0      | 6                      | 0           | 0  |

## American foulbrood of honey bees (Domestic)

### Domestic Species

| Province          | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|-------------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Minas Gerais      | No          | ...           | ...             | api     |             |            | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| Parana            | No          | ...           | ...             | api     |             |            | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| Rio Grande Do Sul | No          | ...           | ...             | api     |             |            | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| Santa Catarina    | No          | ...           | ...             | api     |             |            | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |
| Sao Paulo         | No          | ...           | ...             | api     |             |            | Hives           | ...         | ...   | ...    | ...                    | ...         | ...  |

### Brucellosis (*Brucella abortus*) (Domestic)

#### Domestic Species

| Province            | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|---------------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Amapa               | No          | 3             | 3               | bov     |             |            | Animals         | 211         | 38    | 0      | 0                      | 34          | 0  |
| Amapa               | No          | 3             | 3               | buf     |             |            | Animals         | 1559        | 8     | 0      | 0                      | 6           | 0  |
| Amazonas            | No          | 3             | 3               | bov     |             |            | Animals         | 702         | 4     | 0      | 0                      | 1           | 0  |
| Amazonas            | No          | 3             | 3               | buf     |             |            | Animals         | 312         | 5     | 0      | 0                      | 3           | 0  |
| Distrito Federal    | No          | 1             | 1               | bov     |             |            | Animals         | 53          | 2     | 0      | 0                      | 2           | 0  |
| Espirito Santo      | No          | 1             | 1               | bov     |             |            | Animals         | 74          | 1     | 0      | 0                      | 1           | 0  |
| Goiias              | No          | 10            | 10              | bov     |             |            | Animals         | 5053        | 30    | 2      | 3                      | 36          | 0  |
| Maranhao            | No          | 52            | 52              | bov     |             |            | Animals         | 221         | 221   | 0      | 28                     | 56          | 0  |
| Mato Grosso         | No          | 6             | 6               | bov     |             |            | Animals         | 2285        | 157   | 0      | 3                      | 1           | 0  |
| Mato Grosso Do Sul  | No          | 4             | 4               | bov     |             |            | Animals         | 3304        | 66    | 0      | 0                      | 57          | 0  |
| Minas Gerais        | No          | 30            | 30              | bov     |             |            | Animals         | 4460        | 108   | 0      | 8                      | 100         | 0  |
| Para                | No          | 13            | 13              | bov     |             |            | Animals         | 5452        | 40    | 0      | 3                      | 37          | 0  |
| Para                | No          | 2             | 2               | buf     |             |            | Animals         | 2188        | 27    | 0      | 0                      | 27          | 0  |
| Paraiba             | No          | 6             | 6               | bov     |             |            | Animals         | 40          | 8     | 1      | 4                      | 0           | 0  |
| Parana              | No          | 147           | 147             | bov     |             |            | Animals         | 15236       | 368   | 0      | 153                    | 230         | 0  |
| Parana              | No          | 1             | 1               | buf     |             |            | Animals         | 100         | 2     | 0      | 1                      | 0           | 0  |
| Pernambuco          | No          | 2             | 2               | buf     |             |            | Animals         | 452         | 3     | 0      | 2                      | 0           | 0  |
| Rio De Janeiro      | No          | 5             | 5               | bov     |             |            | Animals         | 870         | 7     | 0      | 6                      | 1           | 0  |
| Rio Grande Do Norte | No          | 1             | 1               | bov     |             |            | Animals         | 79          | 1     | 0      | 0                      | 0           | 0  |
| Rio Grande Do Sul   | No          | 86            | 86              | bov     |             |            | Animals         | 5610        | 330   | 0      | 66                     | 262         | 0  |
| Roraima             | No          | 11            | 11              | bov     |             |            | Animals         | 8800        | 121   | 0      | 3                      | 0           | 0  |
| Santa Catarina      | No          | 145           | 145             | bov     |             |            | Animals         | 11470       | 1503  | 1      | 13                     | 1265        | 0  |
| Santa Catarina      | No          | 1             | 1               | buf     |             |            | Animals         | 218         | 1     | 0      | 0                      | 1           | 0  |
| Sao Paulo           | No          | 10            | 10              | bov     |             |            | Animals         | 9011        | 20    | 0      | 2                      | 15          | 0  |
| Sergipe             | No          | 2             | 2               | bov     |             |            | Animals         | 356         | 4     | 0      | 4                      | 0           | 0  |
| Tocantins           | No          | 1             | 1               | bov     |             |            | Animals         | 524         | 20    | 0      | 0                      | 18          | 0  |

### Mycobacterium tuberculosis complex (Infection with) (Domestic)

#### Domestic Species

| Province       | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|----------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Amazonas       | No          | 0             | 1               | bov     |             |            | Animals         | ...         | 4     | 0      | 0                      | 4           | 0  |
|                |             |               |                 | buf     |             |            | Animals         | ...         | 5     | 0      | 0                      | 5           | 0  |
| Bahia          | No          | 1             | 1               | bov     |             |            | Animals         | 294         | 1     | 0      | 1                      | 0           | 0  |
| Espirito Santo | No          | 1             | 1               | bov     |             |            | Animals         | 16          | 1     | 0      | 1                      | 0           | 0  |
| Goiias         | No          | 3             | 3               | bov     |             |            | Animals         | 231         | 16    | 0      | 18                     | 0           | 0  |

| Province           | Serotype(s) | New outbreaks | Total outbreaks | Species | Family Name | Latin Name | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccination in response to the outbreak(s) |
|--------------------|-------------|---------------|-----------------|---------|-------------|------------|-----------------|-------------|-------|--------|------------------------|-------------|--|
| Maranhao           | No          | 6             | 6               | bov     |             |            | Animals         | 6           | 6     | 0      | 0                      | 6           | 0  |
| Mato Grosso        | No          | 1             | 1               | bov     |             |            | Animals         | 100         | 1     | 0      | 1                      | 0           | 0  |
| Mato Grosso Do Sul | No          | 19            | 19              | bov     |             |            | Animals         | 21789       | 19    | 0      | 0                      | 19          | 0  |
| Minas Gerais       | No          | 25            | 25              | bov     |             |            | Animals         | 3781        | 108   | 0      | 11                     | 99          | 0  |
| Para               | No          | 4             | 4               | bov     |             |            | Animals         | 2692        | 5     | 0      | 2                      | 3           | 0  |
| Paraiba            | No          | 3             | 3               | bov     |             |            | Animals         | 433         | 5     | 0      | 5                      | 0           | 0  |
| Parana             | No          | 156           | 156             | bov     |             |            | Animals         | 11666       | 709   | 0      | 239                    | 530         | 0  |
| Rio Grande Do Sul  | No          | 160           | 160             | bov     |             |            | Animals         | 16974       | 1166  | 0      | 125                    | 785         | 0  |
| Rondonia           | No          | 1             | 1               | bov     |             |            | Animals         | 974         | 1     | 0      | 0                      | 1           | 0  |
| Roraima            | No          | 2             | 2               | bov     |             |            | Animals         | 550         | 4     | 0      | 0                      | 0           | 0  |
| Santa Catarina     | No          | 55            | 55              | bov     |             |            | Animals         | 5433        | 910   | 1      | 19                     | 897         | 0  |
| Santa Catarina     | No          | 1             | 1               | buf     |             |            | Animals         | 21          | 2     | 0      | 0                      | 2           | 0  |
| Sao Paulo          | No          | 8             | 8               | bov     |             |            | Animals         | 1810        | 30    | 3      | 0                      | 20          | 0  |
| Sergipe            | No          | 3             | 3               | bov     |             |            | Animals         | 385         | 17    | 5      | 5                      | 0           | 0  |
| Tocantins          | No          | 8             | 8               | bov     |             |            | Animals         | 13166       | 9     | 0      | 0                      | 9           | 0  |

#### 4. Unreported OIE-listed diseases during the reporting period

##### Multiple species

|  |   |   |
|--|---|---|
| Anthrax (Wild)   | Aujesky's disease (Wild)                        | Brucellosis (Brucella abortus) (Wild)     |
| Brucellosis (Brucella suis) (Wild)                         | Echinococcus granulosus (Infection with) (Wild) | Equine encephalomyelitis (Eastern) (Wild) |
| Mycobacterium tuberculosis complex (Infection with) (Wild) | N. w. screwworm (C. hominivorax) (Wild)         | Paratuberculosis (Wild)                   |
| Surra (Trypanosoma evansi) (Wild)                          |   |   |

##### Cattle

|  |                                 |   |
|--|---------------------------------|---|
| Bov. genital campylobacteriosis (Wild) | Bovine anaplasmosis (Wild)      | Bovine babesiosis (Wild)                |
| Bovine viral diarrhoea (Wild)          | Enzootic bovine leukosis (Wild) | Inf.bov.rhinotracheit. (IBR/IPV) (Wild) |
| Trichomonosis (Wild)                   |                                 |   |

##### Sheep/Goats

|                                       |                                       |                    |
|---------------------------------------|---------------------------------------|--------------------|
| Caprine arthritis/encephalitis (Wild) | Contagious agalactia (Wild)           | Maedi-visna (Wild) |
| Ovine epididymitis (B. ovis) (Wild)   | Salmonellosis (S. abortusovis) (Wild) | Scrapie (Wild)     |

##### Swine

|                              |                                      |  |
|------------------------------|--------------------------------------|--|
| Porcine cysticercosis (Wild) | Transmissible gastroenteritis (Wild) |  |
|------------------------------|--------------------------------------|--|

##### Equidae

|                                  |   |                                  |
|----------------------------------|---|----------------------------------|
| Encephalomyelitis (West.) (Wild) | Equid herpesvirus-1 (EHV-1) (Infection with) (Wild) | Equine infectious anaemia (Wild) |
| Equine piroplasmosis (Wild)      | Glanders (Wild)                                     |                                  |

##### Lagomorphs

|                    |  |  |
|--------------------|--|--|
| Myxomatosis (Wild) |  |  |
|--------------------|--|--|

##### Birds

|  |                                       |   |
|--|---------------------------------------|---|
| Avian infect. laryngotracheitis (Wild) | Avian infectious bronchitis (Wild)    | Avian mycoplasmosis (M.synoviae) (Wild) |
| Fowl typhoid (Wild)                    | Infec bursal disease (Gumboro) (Wild) | Mycoplasmosis (M. gallisepticum) (Wild) |
| Pullorum disease (Wild)                |                                       |   |

##### Bees

|                                   |   |                                |
|-----------------------------------|---|--------------------------------|
| Acarapisosis of honey bees (Wild) | American foulbrood of honey bees (Wild) | Varroosis of honey bees (Wild) |
|-----------------------------------|---|--------------------------------|

##### Other

|                      |  |  |
|----------------------|--|--|
| Leishmaniosis (Wild) |  |  |
|----------------------|--|--|

#### 5. Information about other animal type

|   |
|---|
| Part of data on the OIE diseases for aquatic animals has been sent to OIE |
|---|