

Examples of Infectious Substances Included in Category A

Examples of Infectious Substances Included in Category A affecting Humans (UN 2814) (*cultures only)				
<i>Microorganism</i>	<i>Category A</i>	<i>UN Number</i>	<i>Category B</i>	<i>UN Number</i>
<i>Bacillus anthracis</i>	X*	2814	X	3373
<i>Brucella abortus</i>	X*	2814	X	3373
<i>Brucella melitensis</i>	X*	2814	X	3373
<i>Brucella suis</i>	X*	2814	X	3373
<i>Burkholderia mallei</i> or <i>pseudomallei</i>	X*	2814	X	3373
<i>Burkholderia pseudomallei</i>	X*	2814	X	3373
<i>Chlamydia psittaci</i> - avian strains	X*	2814	X	3373
<i>Clostridium botulinum</i>	X*	2814	X	3373
<i>Coccidioides immitis</i>	X*	2814	X	3373
<i>Coxiella burnetii</i>	X*	2814	X	3373
Crimean-Congo haemorrhagic fever virus	X	2814		
Dengue virus	X*	2814	X	3373
Eastern equine encephalitis virus	X*	2814	X	3373
<i>Escherichia coli</i> , verotoxigenic	X*	2814	X	3373
Ebola virus	X	2814		
Flexal virus	X	2814		
<i>Francisella tularensis</i>	X*	2814	X	3373
Guanarito virus	X	2814		
Hantaan virus	X	2814		
Hantavirus causing haemorrhagic fever with renal syndrome	X	2814		
Hendra virus	X	2814		
Hepatitis B virus	X*	2814	X	3373
Herpes B virus	X*	2814	X	3373
Human immunodeficiency virus	X*	2814	X	3373
Highly pathogenic avian influenza virus	X*	2814	X	3373
Human SARS-COV	X	2814		
Human SARS-COV-2	X*	2814	X	3373
Japanese Encephalitis virus	X*	2814	X	3373
Junin virus	X	2814		
Kyasanur Forest disease virus	X	2814		
Lassa virus	X	2814		
Machupo virus	X	2814		
Marburg virus	X	2814		
Monkeypox virus	X	2814		
<i>Mycobacterium tuberculosis</i>	X*	2814	X	3373
Nipah virus	X	2814		
Omsk Haemorrhagic fever virus	X	2814		
Poliovirus	X*	2814	X	3373
Rabies virus	X*	2814	X	3373
<i>Rickettsia prowazekii</i>	X*	2814	X	3373

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<i>Microorganism</i>	<i>Category A</i>	<i>UN Number</i>	<i>Category B</i>	<i>UN Number</i>
<i>Rickettsia rickettsii</i>	X*	2814	X	3373
Rift Valley fever virus	X*	2814	X	3373
Russian spring-summer encephalitis virus	X*	2814	X	3373
Sabia virus	X	2814		
<i>Shigella dysenteriae</i> type 1	X*	2814	X	3373
Tick-borne encephalitis virus	X*	2814	X	3373
Variola virus (Smallpox virus)	X	2814		
Venezuelan equine encephalitis virus cultures	X*	2814	X	3373
West Nile virus	X*	2814	X	3373
Yellow fever virus	X*	2814	X	3373
<i>Yersinia pestis</i>	X*	2814	X	3373

Examples of Infectious Substances Included in Category A affecting Animals only (UN 2900) (*cultures only)

<i>Microorganism</i>	<i>Category A</i>	<i>UN Number</i>	<i>Category B</i>	<i>UN Number</i>
African swine fever virus	X*	2900	X	3373
Avian paramyxovirus Type 1 - Velogenic Newcastle dis. virus	X*	2900	X	3373
Classical swine fever virus	X*	2900	X	3373
Foot and mouth disease virus	X*	2900	X	3373
Goatpox virus	X*	2900	X	3373
Lumpy skin disease virus	X*	2900	X	3373
<i>Mycoplasma mycoides</i> - Contagious bovine leuropneumonia	X*	2900	X	3373
Peste des petits ruminants virus	X*	2900	X	3373
Rinderpest virus	X*	2900	X	3373
Sheep-pox virus	X*	2900	X	3373
Swine vesicular disease virus	X*	2900	X	3373
Vesicular stomatitis virus	X*	2900	X	3373

Note: In the table, micro-organisms written in italics are bacteria or fungi.

Designation of “cultures only” means that a Category A infectious substance is only considered “Category A” when a pathogen(s) is intentionally propagated either *in vitro* or *in vivo*. Material from animals intentionally infected for the purpose of propagating pathogens of Category A should be assigned “cultures only” and must assign UN 2814 or UN 2900 as appropriate. The term “cultures” does not include patient specimens collected directly from humans or animals, including, but not limited to, excreta, secretia, blood and its components, tissue and tissue fluid swabs, and body parts being transported for purposes such as research, diagnosis, investigational activities, disease treatment and prevention.

Example 1 (*Bacillus anthracis*): X* indicates that *Bacillus anthracis* in “cultures only” MUST be shipped as Category A, UN 2814. *Bacillus anthracis* in other forms can be shipped as Category B, UN 3373.

Example 2 (Ebola virus): X indicates that Ebola virus MUST be shipped as Category A, UN 2814 irrespective of “cultures only” or other forms.