

California Department of Public Health  
 Center for Infectious Diseases  
 Division of Communicable Disease Control  
 Infectious Diseases Branch  
 Surveillance and Statistics Section  
 MS 7306, P.O. Box 997377  
 Sacramento, CA 95899-7377

## EHRlichiosis / ANAPLASMOSIS CASE REPORT

- Check one:     *Ehrlichia chaffeensis* infection (formerly Human Monocytic Ehrlichiosis [HME])  
 *Ehrlichia ewingii* infection (formerly Ehrlichiosis [unspecified, or other agent])  
 *Anaplasma phagocytophilum* infection (formerly Human Granulocytic Ehrlichiosis [HGE])  
 Ehrlichia/Anaplasmosis, human, undetermined

*Jurisdictions that choose to use this form should send completed forms to the Surveillance and Statistics Section by mail through your communicable disease reporting staff. For jurisdictions participating in CalREDIE, entry of information into the CalREDIE form will facilitate investigations and surveillance. This form is only for cases of ehrlichiosis/anaplasmosis. Spotted fever rickettsioses (such as Rocky Mountain spotted fever) should be reported on the Spotted Fever Rickettsioses Case Report form. Cases of typhus and other non-spotted fever rickettsioses should be reported on the Typhus and Other Non-Spotted Fever Rickettsioses Case Report form.*

PATIENT INFORMATION					
Last Name	First Name	Middle Name	Suffix	Primary Language <input type="checkbox"/> English <input type="checkbox"/> Spanish <input type="checkbox"/> Other: _____	
Social Security Number (9 digits)		DOB (mm/dd/yyyy)	Age	<input type="checkbox"/> Years <input type="checkbox"/> Months <input type="checkbox"/> Days	
Address Number & Street – Residence			Apartment / Unit Number		
City / Town		State	Zip Code		
Census Tract	County of Residence		Country of Residence		
Country of Birth		If not U.S. Born - Date of Arrival in U.S. (mm/dd/yyyy)			
Home Telephone		Cellular Phone / Pager		Work / School Telephone	
E-mail Address		Other Electronic Contact Information			
Work / School Location		Work / School Contact			
Gender <input type="checkbox"/> Female <input type="checkbox"/> Trans female / transwoman <input type="checkbox"/> Genderqueer or non-binary <input type="checkbox"/> Unknown <input type="checkbox"/> Male <input type="checkbox"/> Trans male/ transman <input type="checkbox"/> Identity not listed <input type="checkbox"/> Declined to answer					
Pregnant? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		If Yes, Est. Delivery Date (mm/dd/yyyy)			
Medical Record Number		Patient's Parent/Guardian Name			
Occupation Setting (see list on page 8)		Other Describe/Specify			
Occupation (see list on page 8)		Other Describe/Specify			
Race(s) <i>(check all that apply, race descriptions on page 7)</i> <i>The response to this item should be based on the patient's self-identity or self-reporting. Therefore, patients should be offered the option of selecting more than one racial designation.</i> <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <i>(check all that apply, see list on page 7)</i> <input type="checkbox"/> Asian Indian <input type="checkbox"/> Korean <input type="checkbox"/> Bangladeshi <input type="checkbox"/> Laotian <input type="checkbox"/> Cambodian <input type="checkbox"/> Malaysian <input type="checkbox"/> Chinese <input type="checkbox"/> Pakistani <input type="checkbox"/> Filipino <input type="checkbox"/> Sri Lankan <input type="checkbox"/> Hmong <input type="checkbox"/> Taiwanese <input type="checkbox"/> Indonesian <input type="checkbox"/> Thai <input type="checkbox"/> Japanese <input type="checkbox"/> Vietnamese <input type="checkbox"/> Other: _____ <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <i>(check all that apply, see list on page 7)</i> <input type="checkbox"/> Native Hawaiian <input type="checkbox"/> Samoan <input type="checkbox"/> Fijian <input type="checkbox"/> Tongan <input type="checkbox"/> Guamanian <input type="checkbox"/> Other: _____ <input type="checkbox"/> White <input type="checkbox"/> Other: _____ <input type="checkbox"/> Unknown					

First three letters of  
patient's last name:

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**ADDITIONAL PATIENT DEMOGRAPHICS****Sex Assigned at Birth**
 Female     Unknown  
 Male     Declined to answer
**Sexual Orientation**
 Heterosexual or straight     Questioning, unsure, or patient doesn't know     Declined to answer  
 Gay, lesbian, or same-gender loving     Orientation not listed     Unknown  
 Bisexual
**CLINICAL INFORMATION**

Physician Name - Last Name

First Name

Telephone Number

**SIGNS AND SYMPTOMS****Symptomatic?**
 Yes     No     Unknown

Onset Date (mm/dd/yyyy)

Date First Sought Medical Care (mm/dd/yyyy)

**Signs and Symptoms**

Yes

No

Unk

If Yes, Specify as Noted

Fever

Highest temperature (specify °F/°C)

Muscle pain

Headache

Nausea or vomiting

Rash or other cutaneous lesion

Location / size / appearance

Chills

Sweats

Joint pain

Joint(s)

Eye pain

Abdominal pain

Diarrhea

Cough

Hypotension

Date measured (mm/dd/yyyy)

Systolic / Diastolic

Other signs / symptoms (specify)

**HOSPITALIZATION**

Did patient visit the emergency room for illness?

 Yes     No     Unknown

Was patient hospitalized?

 Yes     No     Unknown

If Yes, how many total hospital nights?

During any part of the hospitalization, did the patient stay in  
an intensive care unit (ICU) or a critical care unit (CCU)?
 Yes     No     Unknown

If there were any ER visits or hospital stays related to this illness, specify details in the Hospitalization – Details section on next page.

First three letters of  
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<b>HOSPITALIZATION – DETAILS</b>						
<i>Hospital Name 1</i>	<i>Street Address</i>			<i>Admit Date (mm/dd/yyyy)</i>		
	<i>City</i>			<i>Discharge / Transfer Date (mm/dd/yyyy)</i>		
	<i>State</i>	<i>Zip Code</i>	<i>Telephone Number</i>	<i>Medical Record Number</i>	<i>Discharge Diagnosis</i>	
<i>Hospital Name 2</i>	<i>Street Address</i>			<i>Admit Date (mm/dd/yyyy)</i>		
	<i>City</i>			<i>Discharge / Transfer Date (mm/dd/yyyy)</i>		
	<i>State</i>	<i>Zip Code</i>	<i>Telephone Number</i>	<i>Medical Record Number</i>	<i>Discharge Diagnosis</i>	
<b>TREATMENT / MANAGEMENT</b>						
<i>Received treatment?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<i>If Yes, specify the treatments below.</i>				
<b>TREATMENT / MANAGEMENT DETAILS</b>						
<i>Treatment Type 1</i> <input type="checkbox"/> Antibiotic <input type="checkbox"/> Other		<i>If Antibiotic, specify route</i>	<i>Treatment Name</i>	<i>Date Started (mm/dd/yyyy)</i>	<i>Date Ended (mm/dd/yyyy)</i>	
<i>Treatment Type 2</i> <input type="checkbox"/> Antibiotic <input type="checkbox"/> Other		<i>If Antibiotic, specify route</i>	<i>Treatment Name</i>	<i>Date Started (mm/dd/yyyy)</i>	<i>Date Ended (mm/dd/yyyy)</i>	
<b>OUTCOME</b>						
<i>Outcome?</i> <input type="checkbox"/> Survived <input type="checkbox"/> Died <input type="checkbox"/> Unknown		<i>If Survived,</i> <i>Survived as of</i> _____ <i>(mm/dd/yyyy)</i>		<i>Date of Death (mm/dd/yyyy)</i>		
<b>LABORATORY INFORMATION</b>						
<b>LABORATORY RESULTS SUMMARY - SEROLOGY</b>						
<i>Specimen Type 1</i>	<i>Collection Date (mm/dd/yyyy)</i>		<i>Type of Test</i>		<i>Antigen</i>	
	<i>Results</i>		<i>Laboratory Name</i>		<i>Telephone Number</i>	
<i>Specimen Type 2</i>	<i>Collection Date (mm/dd/yyyy)</i>		<i>Type of Test</i>		<i>Antigen</i>	
	<i>Results</i>		<i>Laboratory Name</i>		<i>Telephone Number</i>	
<b>LABORATORY RESULTS SUMMARY - OTHER</b>						
<i>Hematology?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<i>Collection Date (mm/dd/yyyy)</i>	<i>WBC</i>	<i>HCT</i>	<i>Hb</i>	<i>Platelets</i>
<i>Serum chemistry?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown		<i>Collection Date (mm/dd/yyyy)</i>	<i>ALT</i>		<i>AST</i>	
<i>Other laboratory diagnostics performed (e.g., PCR, buffy coat smear)?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			<i>If Yes, describe</i>			

First three letters of  
patient's last name:

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<b>EPIDEMIOLOGIC INFORMATION</b>					
<b>INCUBATION PERIOD: UP TO 14 DAYS BEFORE ILLNESS ONSET</b>					
<b>ANIMAL AND INSECT EXPOSURES</b>					
<i>Observe any of the following during incubation period <u>at or around home</u>?</i> <input type="checkbox"/> Dogs <input type="checkbox"/> Cats <input type="checkbox"/> Rodents <input type="checkbox"/> Opossums <input type="checkbox"/> Fleas <input type="checkbox"/> Ticks				<i>Describe</i>	
<i>If pets in the home, how often are they treated with flea prevention medication?</i>		<i>Type(s) of Treatment</i>		<i>Date(s) of Last Treatment (mm/dd/yyyy)</i>	
<i>Observe any of the following during incubation period <u>away from home</u>?</i> <input type="checkbox"/> Dogs <input type="checkbox"/> Cats <input type="checkbox"/> Rodents <input type="checkbox"/> Opossums <input type="checkbox"/> Fleas <input type="checkbox"/> Ticks				<i>Describe</i>	
<i>If any cats were observed, were they feral / stray, indoor, or outdoor cats?</i> <input type="checkbox"/> Feral / stray <input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor <input type="checkbox"/> Other: _____					
<i>Did the patient spend any nights living outside, without shelter, in the past 21 days (including in a car, unsheltered on the street, or in a temporary shelter)?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<i>Describe</i>	
<i>Did patient recall any insect bites in the 10 days prior to illness?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<i>If Yes, specify all locations, type of insect bite, and dates on page 4.</i>	
<b>INSECT BITE HISTORY - DETAILS</b>					
Bite 1	<i>Location (city, county, state, country)</i>		<i>Date of Insect Bite (mm/dd/yyyy)</i>		<i>Type of Insect Bite</i> <input type="checkbox"/> Flea <input type="checkbox"/> Tick <input type="checkbox"/> Other: _____
Bite 2	<i>Location (city, county, state, country)</i>		<i>Date of Insect Bite (mm/dd/yyyy)</i>		<i>Type of Insect Bite</i> <input type="checkbox"/> Flea <input type="checkbox"/> Tick <input type="checkbox"/> Other: _____
<b>EXPOSURES / RISK FACTORS – TRANSFUSION / TRANSPLANTATION</b>					
<i>Was patient's infection transfusion or solid-organ-transplantation associated?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			<i>If Yes, describe</i>		
<i>Was patient a blood donor identified during a transfusion investigation or a solid-organ donor identified during a transplantation investigation?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown			<i>If Yes, describe</i>		
<b>TRAVEL HISTORY</b>					
<i>Did patient travel <b>outside county of residence</b> during the <b>incubation period</b>?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown				<i>If Yes, specify all locations and dates below.</i>	
<b>TRAVEL HISTORY – DETAILS</b>					
<b>Travel Type</b>	<b>State</b>	<b>Country</b>	<b>Other location details (city, resort, etc.)</b>	<b>Date Travel Started (mm/dd/yyyy)</b>	<b>Date Travel Ended (mm/dd/yyyy)</b>
<input type="checkbox"/> Domestic <input type="checkbox"/> Unknown <input type="checkbox"/> International					
<input type="checkbox"/> Domestic <input type="checkbox"/> Unknown <input type="checkbox"/> International					
<input type="checkbox"/> Domestic <input type="checkbox"/> Unknown <input type="checkbox"/> International					

First three letters of  
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**ILL CONTACTS**

Any contacts with similar illness (including household contacts)?

 Yes  No  Unknown

If Yes, specify details below.

**ILL CONTACTS - DETAILS**

Name 1	Age	Gender	Telephone Number	Type of Contact / Relationship	Date of Contact (mm/dd/yyyy)
	Street Address			Exposure Event	Illness Onset Date (mm/dd/yyyy)
	City	State	Zip Code	Occupation	

  

Name 2	Age	Gender	Telephone Number	Type of Contact / Relationship	Date of Contact (mm/dd/yyyy)
	Street Address			Exposure Event	Illness Onset Date (mm/dd/yyyy)
	City	State	Zip Code	Occupation	

**EPIDEMIOLOGICAL LINKAGE**

Epi-linked to known case?

 Yes  No  Unknown

Contact Name / Case Number

**NOTES / REMARKS****REPORTING AGENCY**

Investigator Name	Local Health Jurisdiction	Telephone Number	Date (mm/dd/yyyy)
First Reported By <input type="checkbox"/> Clinician <input type="checkbox"/> Laboratory <input type="checkbox"/> Other (specify): _____			

**DISEASE CASE CLASSIFICATION**

Case Classification (see case definition on page 6)

 Confirmed  Probable  Suspect**STATE USE ONLY**

State Case Classification

 Confirmed  Probable  Suspect  Not a case  Need additional information

First three letters of  
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**CASE DEFINITION****EHRlichiosis/ANAPLASMOSIS (2010)**

*Ehrlichia chaffeensis* infection (formerly Human Monocytic Ehrlichiosis [HME])  
*Ehrlichia ewingii* infection (formerly Ehrlichiosis [unspecified, or other agent])  
*Anaplasma phagocytophilum* infection (formerly Human Granulocytic Ehrlichiosis [HGE])  
*Ehrlichiosis/Anaplasmosis*, human, undetermined

**CLINICAL DESCRIPTION**

- Clinical presentation: A tick-borne illness characterized by acute onset of fever and one or more of the following symptoms or signs: headache, myalgia, malaise, anemia, leukopenia, thrombocytopenia, or elevated hepatic transaminases. Nausea, vomiting, or rash may be present in some cases.
- Clinical evidence: Any reported fever and one or more of the following: headache, myalgia, anemia, leukopenia, thrombocytopenia, or any hepatic transaminase elevation.

**LABORATORY CRITERIA FOR DIAGNOSIS*****Ehrlichia chaffeensis* infection (formerly Human Monocytic Ehrlichiosis [HME])****Confirmatory laboratory evidence:**

- Serological evidence of a fourfold change in immunoglobulin G (IgG)-specific antibody titer to *E. chaffeensis* antigen by indirect immunofluorescence assay (IFA) between paired serum samples (one taken in first week of illness and a second 2-4 weeks later), **OR**
- Detection of *E. chaffeensis* DNA in a clinical specimen via amplification of a specific target by polymerase chain reaction (PCR) assay, **OR**
- Demonstration of ehrlichial antigen in a biopsy or autopsy sample by immunohistochemical methods, **OR**
- Isolation of *E. chaffeensis* from a clinical specimen in cell culture.

**Supportive laboratory evidence:**

- Serological evidence of elevated IgG or IgM antibody reactive with *E. chaffeensis* antigen by IFA, enzyme-linked immunosorbent assay (ELISA), dot-ELISA, or assays in other formats (CDC uses an IFA IgG cutoff of  $\geq 1:64$  and does not use IgM test results independently as diagnostic support criteria.), **OR**
- Identification of morulae in the cytoplasm of monocytes or macrophages by microscopic examination.

***Ehrlichia ewingii* infection (formerly Ehrlichiosis [unspecified, or other agent]) Confirmatory****laboratory evidence:**

- Because the organism has never been cultured, antigens are not available. Thus, *Ehrlichia ewingii* infections may only be diagnosed by molecular detection methods: *E. ewingii* DNA detected in a clinical specimen via amplification of a specific target by polymerase chain reaction (PCR) assay.

***Anaplasma phagocytophilum* infection (formerly Human Granulocytic Ehrlichiosis [HGE])****Confirmatory laboratory evidence:**

- Serological evidence of a fourfold change in IgG-specific antibody titer to *A. phagocytophilum* antigen by indirect immunofluorescence assay (IFA) in paired serum samples (one taken in first week of illness and a second 2-4 weeks later), **OR**
- Detection of *A. phagocytophilum* DNA in a clinical specimen via amplification of a specific target by polymerase chain reaction (PCR) assay, **OR**
- Demonstration of anaplasma antigen in a biopsy/autopsy sample by immunohistochemical methods, **OR**
- Isolation of *A. phagocytophilum* from a clinical specimen in cell culture.

**Supportive laboratory evidence:**

- Serological evidence of elevated IgG or IgM antibody reactive with *A. phagocytophilum* antigen by IFA, enzyme-linked immunosorbent Assay (ELISA), dot-ELISA, or assays in other formats (CDC uses an IFA IgG cutoff of  $\geq 1:64$  and does not use IgM test results independently as diagnostic support criteria.), **OR**
- Identification of morulae in the cytoplasm of neutrophils or eosinophils by microscopic examination.

***Ehrlichiosis/Anaplasmosis*, human, undetermined**

- See case classification

**EXPOSURE**

History of having been in potential tick habitat in the 14 days prior to the onset of illness or history of tick bite or history of tick bite.

**CASE CLASSIFICATION****Confirmed**

- A clinically compatible case (meets clinical evidence criteria) that is laboratory confirmed..

**Probable**

- A clinically compatible case (meets clinical evidence criteria) that has supportive laboratory results. For ehrlichiosis/anaplasmosis – an undetermined case can only be classified as probable. This occurs when a case has compatible clinical criteria with laboratory evidence to support *Ehrlichia/Anaplasma* infection, but not with sufficient clarity to definitively place it in one of the categories previously described. This may include the identification of morulae in white cells by microscopic examination in the absence of other supportive laboratory results.

**Suspect**

- A case with laboratory evidence of past or present infection but no clinical information available (e.g. a laboratory report).

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**CASE DEFINITION (continued)****COMMENT**

There are at least three species of bacteria, all intracellular, responsible for ehrlichiosis/ anaplasmosis in the United States: *Ehrlichia chaffeensis*, found primarily in monocytes, and *Anaplasma phagocytophilum* and *Ehrlichia ewingii*, found primarily in granulocytes. The clinical signs of disease that result from infection with these agents are similar, and the range distributions of the agents overlap, so testing for one or more species may be indicated. Serologic cross-reactions may occur among tests for these etiologic agents.

Four sub-categories of confirmed or probable ehrlichiosis/anaplasmosis should be reported: 1) human ehrlichiosis caused by *Ehrlichia chaffeensis*, 2) human ehrlichiosis caused by *E. ewingii*, 3) human anaplasmosis caused by *Anaplasma phagocytophilum*, or 4) human ehrlichiosis/anaplasmosis - undetermined. Cases reported in the fourth sub-category can only be reported as "probable" because the cases are only weakly supported by ambiguous laboratory test results.

Problem cases for which sera demonstrate elevated antibody IFA responses to more than a single infectious agent are usually resolvable by comparing the levels of the antibody responses, the greater antibody response generally being that directed at the actual agent involved. Tests of additional sera and further evaluation via the use of PCR, IHC, and isolation via cell culture may be needed for further clarification. Cases involving persons infected with more than a single etiologic agent, while possible, are extremely rare and every effort should be undertaken to resolve cases that appear as such (equivalent IFA antibody titers) via other explanations.

Current commercially available ELISA tests are not quantitative, cannot be used to evaluate changes in antibody titer, and hence are not useful for serological confirmation. Furthermore, IgM tests are not always specific and the IgM response may be persistent. Therefore, IgM tests are not strongly supported for use in serodiagnosis of acute disease.

**RACE DESCRIPTIONS**

Race	Description
American Indian or Alaska Native	Patient has origins in <b>any</b> of the original peoples of North and South America (including Central America).
Asian	Patient has origins in <b>any</b> of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent (e.g., including Bangladesh, Cambodia, China, India, Indonesia, Japan, Korea, Malaysia, Nepal, Pakistan, the Philippine Islands, Thailand, and Vietnam).
Black or African American	Patient has origins in <b>any</b> of the black racial groups of Africa.
Native Hawaiian or Other Pacific Islander	Patient has origins in <b>any</b> of the original peoples of Hawaii, Guam, American Samoa, or other Pacific Islands.
White	Patient has origins in <b>any</b> of the original peoples of Europe, the Middle East, or North Africa.

**ASIAN GROUPS**

- |               |              |              |               |              |
|---------------|--------------|--------------|---------------|--------------|
| • Bangladeshi | • Filipino   | • Japanese   | • Maldivian   | • Sri Lankan |
| • Bhutanese   | • Hmong      | • Korean     | • Nepalese    | • Taiwanese  |
| • Burmese     | • Indian     | • Laotian    | • Okinawan    | • Thai       |
| • Cambodian   | • Indonesian | • Madagascar | • Pakistani   | • Vietnamese |
| • Chinese     | • Iwo Jiman  | • Malaysian  | • Singaporean |              |

**NATIVE HAWAIIAN AND OTHER PACIFIC ISLANDER GROUPS**

- |              |                    |                     |                    |             |
|--------------|--------------------|---------------------|--------------------|-------------|
| • Carolinian | • Kiribati         | • Micronesian       | • Pohnpeian        | • Tahitian  |
| • Chamorro   | • Kosraean         | • Native Hawaiian   | • Polynesian       | • Tokelauan |
| • Chuukese   | • Mariana Islander | • New Hebrides      | • Saipanese        | • Tongan    |
| • Fijian     | • Marshallese      | • Palauan           | • Samoan           | • Yapese    |
| • Guamanian  | • Melanesian       | • Papua New Guinean | • Solomon Islander |             |

First three letters of patient's last name:

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**OCCUPATION SETTING**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Childcare/Preschool</li> <li>• Correctional Facility</li> <li>• Drug Treatment Center</li> <li>• Food Service</li> <li>• Health Care - Acute Care Facility</li> <li>• Health Care - Long Term Care Facility</li> <li>• Health Care - Other</li> </ul> | <ul style="list-style-type: none"> <li>• Homeless Shelter</li> <li>• Laboratory</li> <li>• Military Facility</li> <li>• Other Residential Facility</li> <li>• Place of Worship</li> <li>• School</li> <li>• Other</li> </ul> |
|--|--|

**OCCUPATION**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Agriculture - farmworker or laborer (crop, nursery, or greenhouse)</li> <li>• Agriculture - field worker</li> <li>• Agriculture - migratory/seasonal worker</li> <li>• Agriculture - other/unknown</li> <li>• Animal - animal control worker</li> <li>• Animal - farm worker or laborer (farm or ranch animals)</li> <li>• Animal - veterinarian or other animal health practitioner</li> <li>• Animal - other/unknown</li> <li>• Clerical, office, or sales worker</li> <li>• Correctional facility - employee</li> <li>• Correctional facility - inmate</li> <li>• Craftsman, foreman, or operative</li> <li>• Daycare or child care attendee</li> <li>• Daycare or child care worker</li> <li>• Dentist or other dental health worker</li> <li>• Drug dealer</li> <li>• Fire fighting or prevention worker</li> <li>• Flight attendant</li> <li>• Food service - cook or food preparation worker</li> <li>• Food service - host or hostess</li> <li>• Food service - waiter or waitress</li> <li>• Food service - other/unknown</li> <li>• Homemaker</li> <li>• Laboratory technologist or technician</li> <li>• Laborer - private household or unskilled worker</li> <li>• Manager, official, or proprietor</li> <li>• Manicurist or pedicurist</li> <li>• Medical - emergency medical technician or paramedic</li> <li>• Medical - health care worker</li> </ul> | <ul style="list-style-type: none"> <li>• Medical - medical assistant</li> <li>• Medical - pharmacist</li> <li>• Medical - physician assistant or nurse practitioner</li> <li>• Medical - physician or surgeon</li> <li>• Medical - registered nurse</li> <li>• Medical - other/unknown</li> <li>• Military - officer</li> <li>• Military - recruit or trainee</li> <li>• Protective service - police officer</li> <li>• Protective service - other</li> <li>• Professional, technical, or related profession</li> <li>• Retired</li> <li>• Sex worker</li> <li>• Student - preschool or kindergarten</li> <li>• Student - elementary or middle school</li> <li>• Student - high (secondary) school</li> <li>• Student - college or university</li> <li>• Student - other/unknown</li> <li>• Teacher/employee - preschool or kindergarten</li> <li>• Teacher/employee - elementary or middle school</li> <li>• Teacher/employee - high (secondary) school</li> <li>• Teacher/instructor/employee - college or university</li> <li>• Teacher/instructor/employee - other/unknown</li> <li>• Unemployed - seeking employment</li> <li>• Unemployed - not seeking employment</li> <li>• Unemployed - other/unknown</li> <li>• Other</li> <li>• Refused</li> <li>• Unknown</li> </ul> |
|--|--|