



Texas Department of Health
Zoonosis Control Division
1100 West 49th Street
Austin, Texas 78756

1999 PLAGUE SURVEILLANCE REPORT (REVISED 10-10-2014)

Each year Texas Department of Health Zoonosis Control personnel, in cooperation with Texas Wildlife Damage Management Service, Texas Parks and Wildlife Department, and other agencies, collect serum samples from Texas wildlife. Samples are collected primarily from carnivores using Nobuto blood filter strips. Although most carnivores are resistant to plague, they develop antibodies when exposed, thereby making them good indicators of local plague activity.

During calendar year 1999, Texas Department of Health Bureau of Laboratories, Microbiology Services Division, Serology Branch tested 3,702 blood samples collected in 113 counties. Plague (*Yersinia pestis*) antibodies were found in 7 (0.19%) samples at a titer of 1:32 or greater from 3 counties (Table 1).

| County | Titer | Species | | Total Animals |
|--------------|---------|----------|----------|---------------|
| | | Coyote | Raccoon | |
| Gray | 1:256 | 2 | | 2 |
| Gray | 1:2048 | 1 | | 1 |
| Potter | 1:256 | 1 | | 1 |
| Potter | 1:1024 | 1 | | 1 |
| Potter | >1:4096 | 1 | | 1 |
| Val Verde | 1:64 | | 1 | 1 |
| Total | | 6 | 1 | 7 |

Table 1. Samples with a Plague Titer of 1:32 or Greater, 1999

Plague Surveillance in Texas, 1999

The geographic distribution of positive samples and samples collected is illustrated in Figure 1.

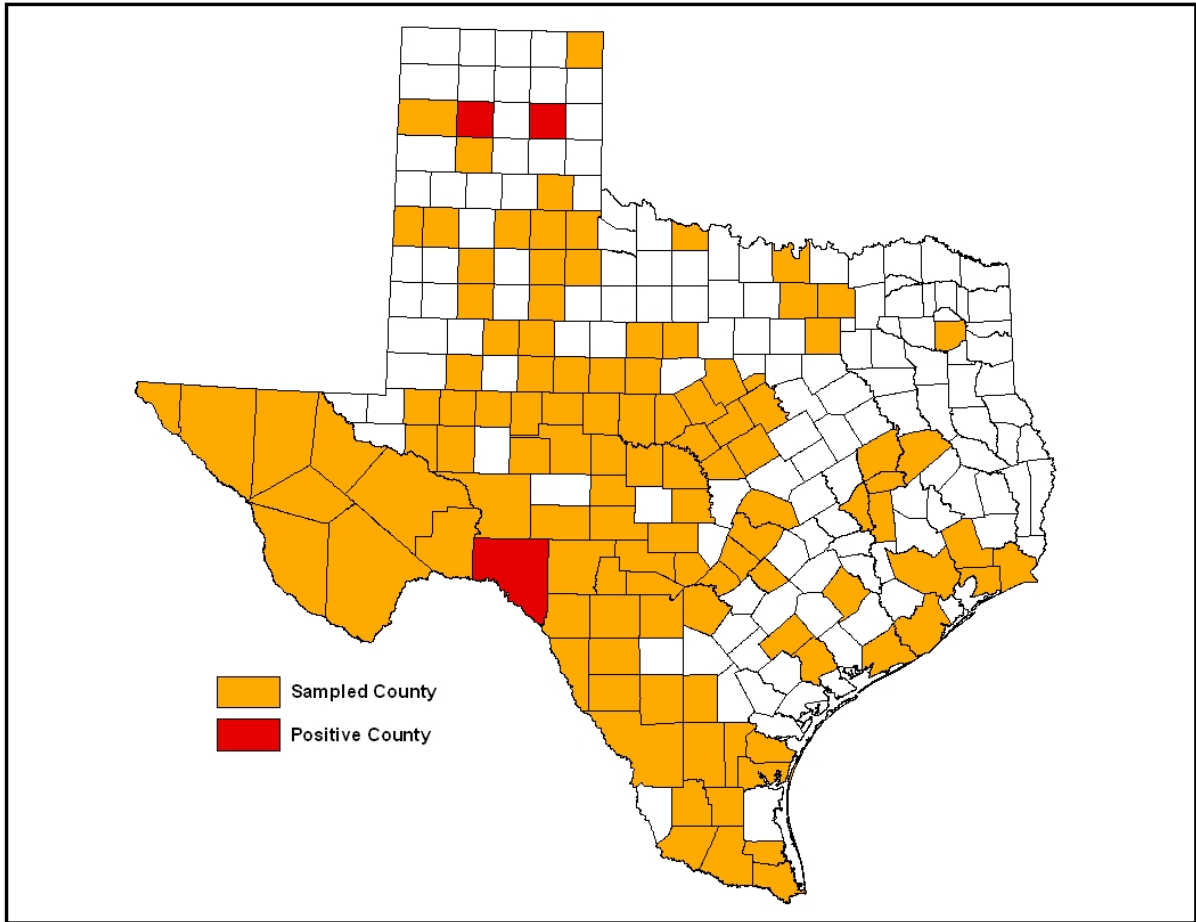


Figure 1. Texas Counties Sampled for Plague, 1999

Figure 2 compares the percent positive results from 1999 to those from recent previous years. The 1999 results continue to indicate a period of low plague activity in Texas.

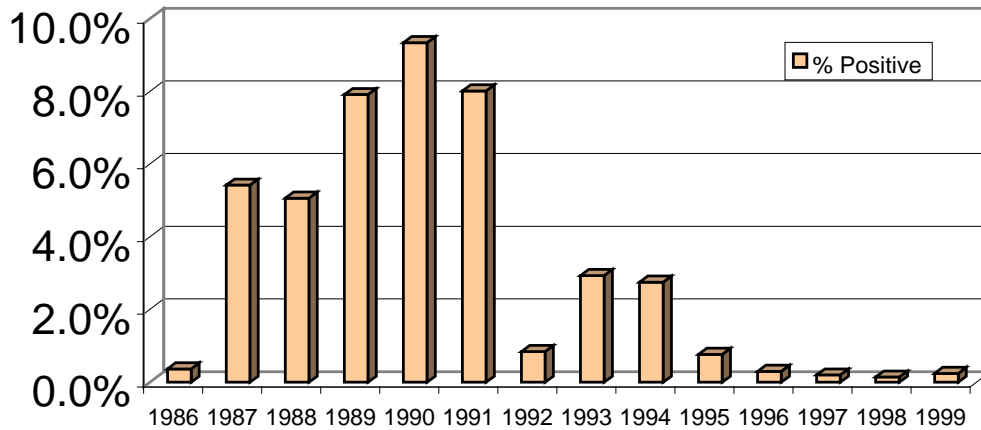


Figure 2. Percent of Surveillance Samples Positive for Plague, 1986-1999

The historic distribution of plague surveillance in Texas is shown in Figure 3. While plague is considered endemic in far west Texas, the surveillance results show that there may be naturally occurring risk in all but the extreme eastern part of the state.

By using educational materials, news releases, public access website, and conference presentations, TDH personnel keep veterinarians, physicians, and the general public aware of the plague risk in Texas. Even areas with historically low plague activity may have infections in hunters or campers who visit plague areas or in pets and wildlife transported from those areas. There is also a risk that new infestations may be established by moving animals across the state.

Plague Surveillance in Texas, 1999

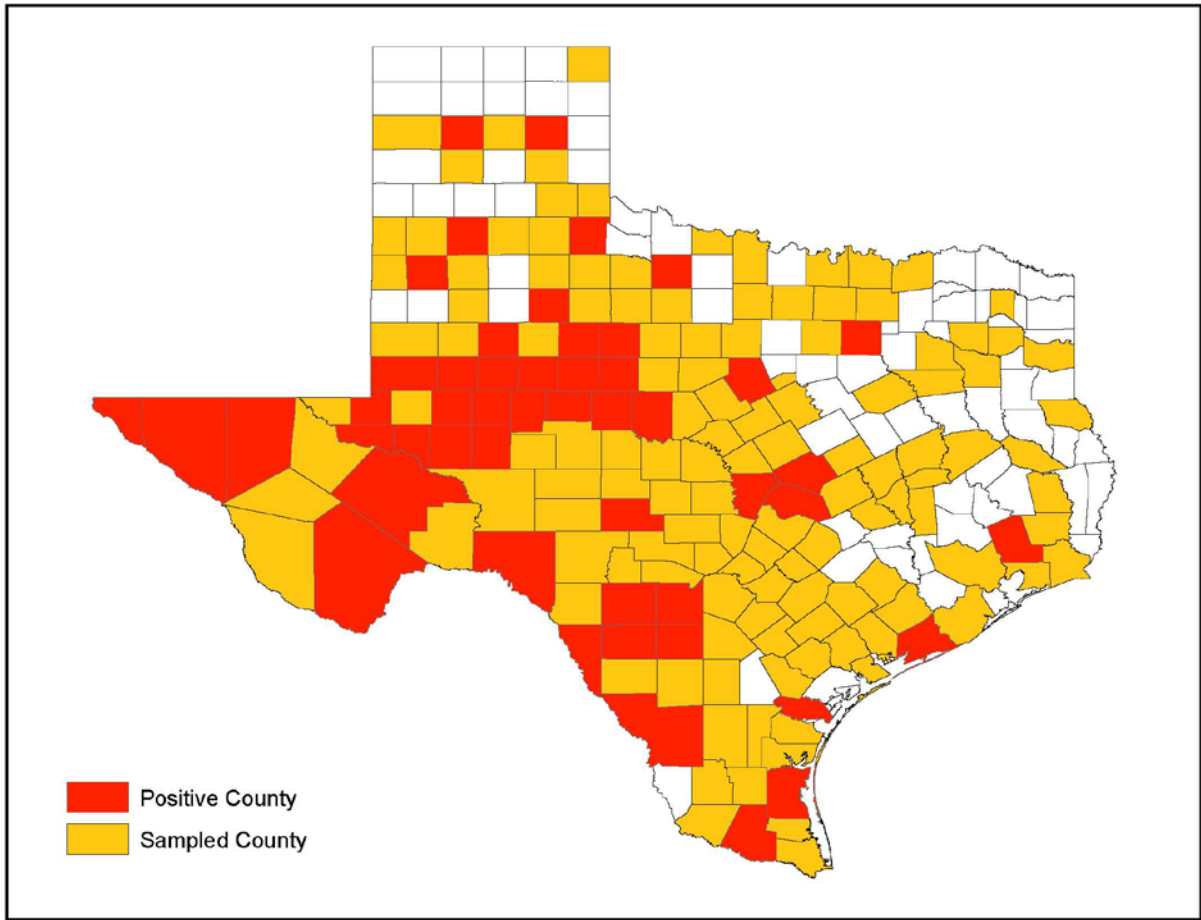


Figure 3. Texas Counties Sampled for Plague, 1976-1999

On the following pages, Table 2 shows the complete county listing, by species, of samples that tested negative for plague at a titer of less than 1:32.

Plague Surveillance in Texas, 1999

Table 2. Negative Plague Samples by County and Species, 1999

| County | Aoudad | Armadillo | Axis Deer | Badger | Black Rat | Bobcat | Cat | Coyote | Dog | Fox, Gray | Fox, Red | Hog, Feral | Javelina | Mt Lion | Opossum | Porcupine | Prairie Dog | Raccoon | Ringtail | Skunk | Unknown | Total |
|----------|--------|-----------|-----------|--------|-----------|--------|-----|--------|-----|-----------|----------|------------|----------|---------|---------|-----------|-------------|---------|----------|-------|---------|-------|
| Bailey | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| Bandera | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Bexar | 0 | 0 | 0 | 0 | 0 | 0 | 52 | 8 | 0 | 2 | 0 | 1 | 0 | 0 | 54 | 1 | 0 | 17 | 0 | 104 | 1 | 240 |
| Borden | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 83 | 0 | 3 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 110 |
| Bosque | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Brazoria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Brazos | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 | 0 | 2 | 0 | 13 |
| Brewster | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 0 | 25 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| Brooks | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 17 | 0 | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 6 | 0 | 1 | 0 | 33 |
| Brown | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 15 |
| Caldwell | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Callahan | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Cameron | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Chambers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Coke | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 5 | 0 | 9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 0 | 25 |
| Coleman | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| Collin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Colorado | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 32 | 0 | 119 |
| Comal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 24 |
| Comanche | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| Concho | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Cooke | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Coryell | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 9 | 0 | 22 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 79 |
| Cottle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 19 |

Plague Surveillance in Texas, 1999

Table 2. Negative Plague Samples by County and Species, 1999

| County | Aoudad | Armadillo | Axis Deer | Badger | Black Rat | Bobcat | Cat | Coyote | Dog | Fox, Gray | Fox, Red | Hog, Feral | Javelina | Mt Lion | Opossum | Porcupine | Prairie Dog | Raccoon | Ringtail | Skunk | Unknown | Total |
|------------|--------|-----------|-----------|--------|-----------|--------|-----|--------|-----|-----------|----------|------------|----------|---------|---------|-----------|-------------|---------|----------|-------|---------|-------|
| Crane | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Crockett | 0 | 0 | 0 | 1 | 0 | 6 | 0 | 1 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Culberson | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Dallas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 | 76 |
| De Witt | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Denton | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dickens | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4 |
| Dimmit | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Duval | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Ector | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| Edwards | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 3 | 0 | 16 | 1 | 87 | 0 | 0 | 2 | 0 | 0 | 47 | 1 | 4 | 0 | 188 |
| El Paso | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Erath | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Floyd | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Gillespie | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 9 |
| Glasscock | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 21 | 0 | 9 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 57 |
| Gray | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| Grimes | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 12 |
| Hall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Hamilton | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 15 |
| Harris | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Hays | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Hidalgo | 0 | 0 | 0 | 0 | 0 | 3 | 53 | 74 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 7 | 0 | 1 | 0 | 146 |
| Houston | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Hudspeth | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Irion | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Jeff Davis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |

Plague Surveillance in Texas, 1999

Table 2. Negative Plague Samples by County and Species, 1999

| County | Aoudad | Armadillo | Axis Deer | Badger | Black Rat | Bobcat | Cat | Coyote | Dog | Fox, Gray | Fox, Red | Hog, Feral | Javelina | Mt Lion | Opossum | Porcupine | Prairie Dog | Raccoon | Ringtail | Skunk | Unknown | Total |
|-----------|--------|-----------|-----------|--------|-----------|--------|-----|--------|-----|-----------|----------|------------|----------|---------|---------|-----------|-------------|---------|----------|-------|---------|-------|
| Jefferson | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Jim Hogg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 39 |
| Jim Wells | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| Kendall | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| Kent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Kerr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 5 |
| Kimble | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| King | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Kinney | 1 | 0 | 0 | 0 | 0 | 16 | 1 | 26 | 0 | 23 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 136 | 0 | 2 | 1 | 214 |
| Kleberg | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 |
| La Salle | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| Lamb | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Lampasas | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 8 |
| Leon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Liberty | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Lipscomb | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Llano | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 3 |
| Lubbock | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Lynn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Madison | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Martin | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Matagorda | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Maverick | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 20 |
| McCulloch | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| McMullen | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Medina | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Menard | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |

Plague Surveillance in Texas, 1999

Table 2. Negative Plague Samples by County and Species, 1999

| County | Aoudad | Armadillo | Axis Deer | Badger | Black Rat | Bobcat | Cat | Coyote | Dog | Fox, Gray | Fox, Red | Hog, Feral | Javelina | Mt Lion | Opossum | Porcupine | Prairie Dog | Raccoon | Ringtail | Skunk | Unknown | Total |
|-------------|--------|-----------|-----------|--------|-----------|--------|-----|--------|-----|-----------|----------|------------|----------|---------|---------|-----------|-------------|---------|----------|-------|---------|-------|
| Midland | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Mills | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Mitchell | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 28 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| Motley | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 93 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 |
| Nolan | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 14 |
| Nueces | 0 | 0 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 6 | 0 | 1 | 0 | 72 |
| Oldham | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Pecos | 0 | 0 | 0 | 0 | 0 | 23 | 0 | 53 | 0 | 35 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 6 | 0 | 124 |
| Potter | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 3 |
| Presidio | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Randall | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Real | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 0 | 6 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 78 |
| Reeves | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Runnels | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| San Saba | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 8 | 0 | 11 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 0 | 48 |
| Scurry | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Shackelford | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Starr | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Stephens | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165 |
| Sterling | 0 | 0 | 0 | 1 | 0 | 11 | 0 | 16 | 0 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 51 |
| Sutton | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 49 |
| Taylor | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Terrell | 0 | 0 | 0 | 0 | 0 | 34 | 0 | 3 | 0 | 20 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 72 |
| Tom Green | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 3 | 0 | 22 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| Travis | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 22 |
| Upshur | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Upton | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 23 | 0 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |

Plague Surveillance in Texas, 1999

Table 2. Negative Plague Samples by County and Species, 1999

| County | Aoudad | Armadillo | Axis Deer | Badger | Black Rat | Bobcat | Cat | Coyote | Dog | Fox, Gray | Fox, Red | Hog, Feral | Javelina | Mt Lion | Opossum | Porcupine | Prairie Dog | Raccoon | Ringtail | Skunk | Unknown | Total | |
|------------|--------|-----------|-----------|--------|-----------|--------|-----|--------|-----|-----------|----------|------------|----------|---------|---------|-----------|-------------|---------|----------|-------|---------|-------|-----|
| Uvalde | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 19 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Val Verde | 0 | 0 | 0 | 2 | 0 | 83 | 4 | 4 | 0 | 72 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 142 | 0 | 0 | 0 | 0 | 311 |
| Victoria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Webb | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 204 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 212 |
| Wichita | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Willacy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| Williamson | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Zavala | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 2 | 10 | 3 | 9 | 3 | 319 | 210 | 1627 | 33 | 326 | 56 | 267 | 1 | 6 | 82 | 1 | 1 | 578 | 3 | 156 | 2 | 3695 | |