



Colorado Veterinary
Medical Association

Leptospirosis Incidence Survey

Conducted with an
educational grant from
Fort Dodge Animal Health



Fort Dodge Animal Health



Colorado Veterinary
Medical Association

Objectives

- Further define “leptospirosis” in Colorado
- Provide education on the disease
- Increase knowledge so dogs can be protected



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Survey

- Conducted via e-mail
- Sent to 900 clinics (CVMA e-mail list)
- Launched end of October; Closed Nov. 30.
- 162 responses
- Questionnaire designed by CVMA and Fort Dodge



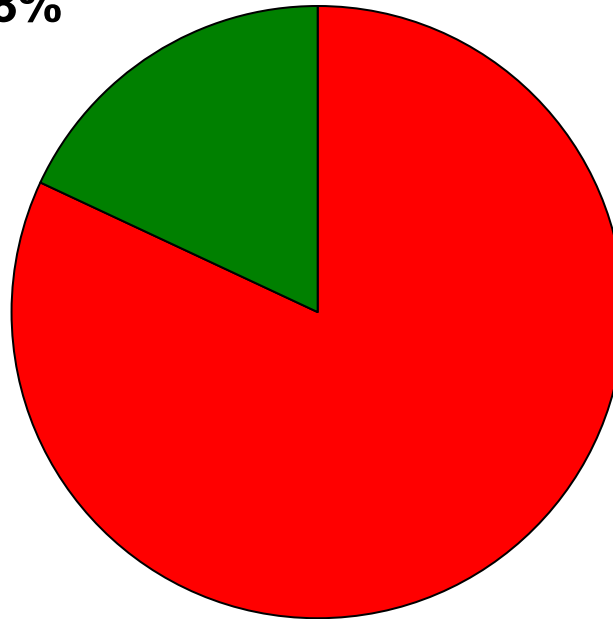
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Response Rate

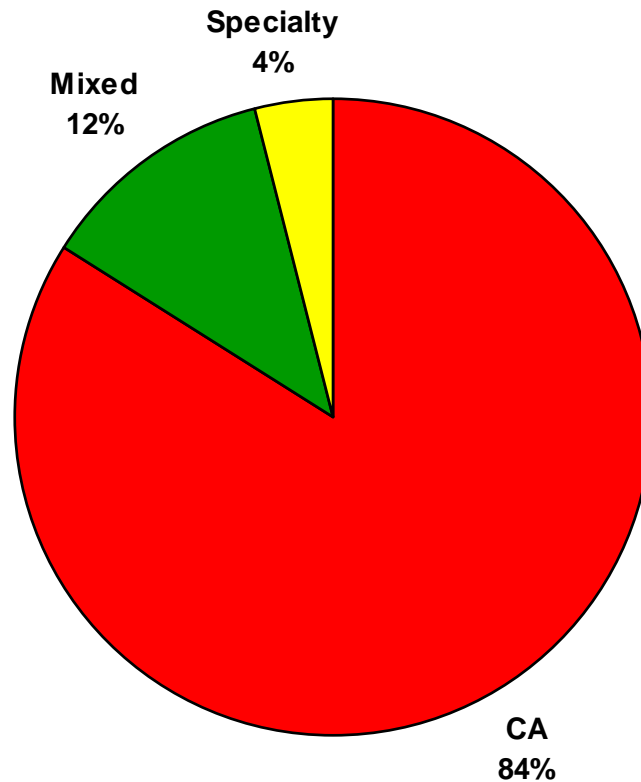
Responses
18%





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Type of Practice



Question: Which description best represents your practice?

N = 130

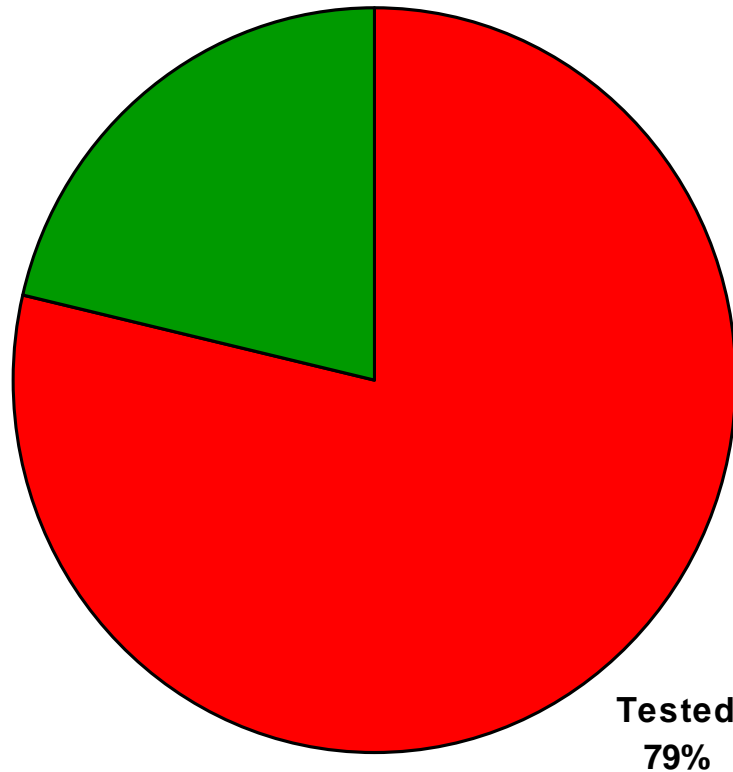


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Dogs Tested



Question: Tell us the number of dog(s) from your clinic suspected or tested with leptospirosis during the last three years.

N = 1,068

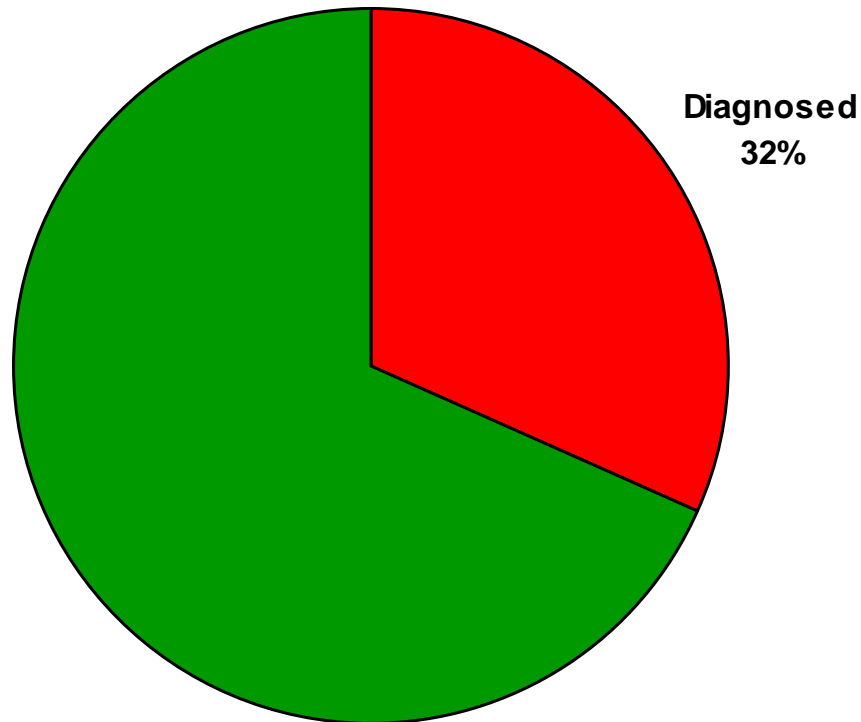


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Dogs Diagnosed



Question: Tell us the number of dog(s) from your clinic tested and diagnosed with leptospirosis during the last three years.

N = 840

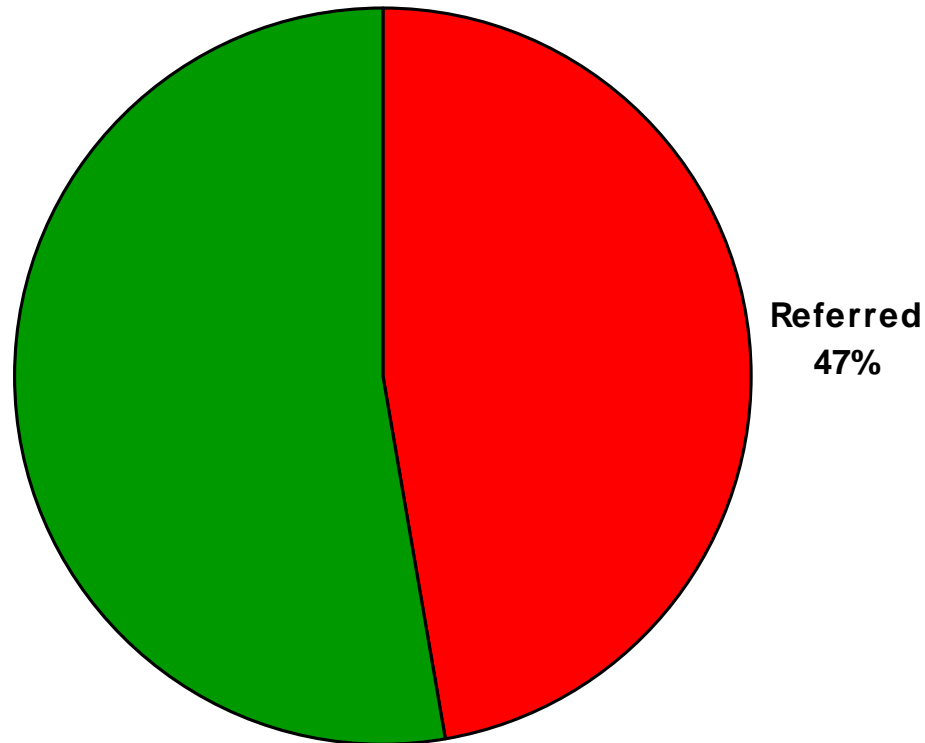


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Dogs Referred to a Specialist



Question: Tell us the number of dog(s) from your clinic diagnosed and referred to a specialist with leptospirosis during the last three years.

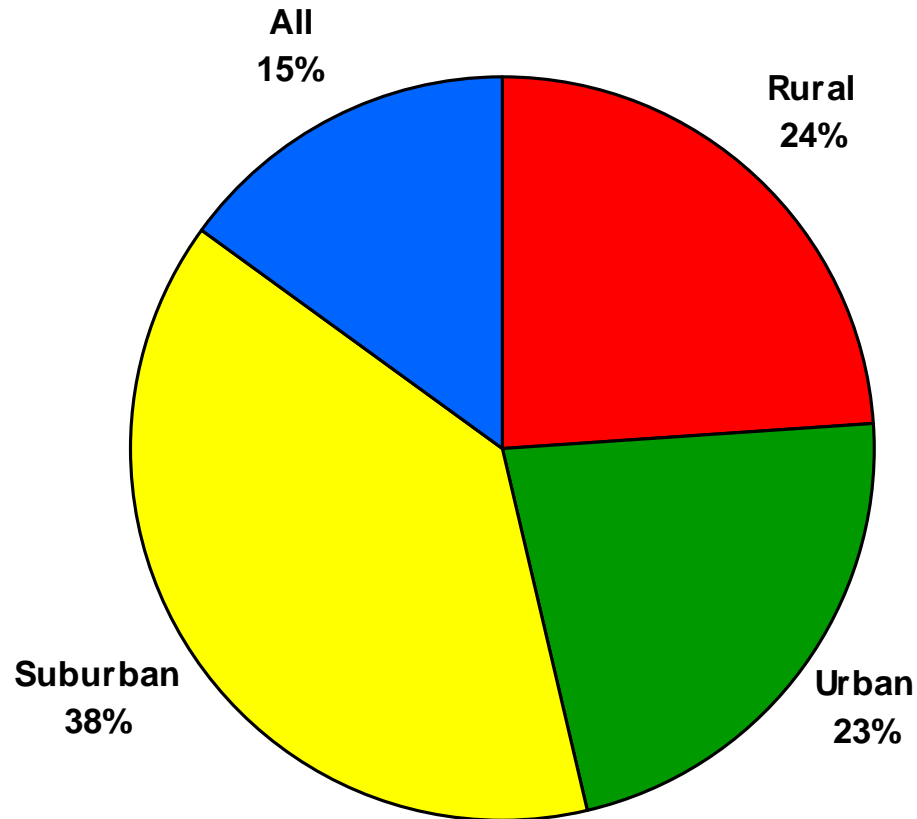
N = 265



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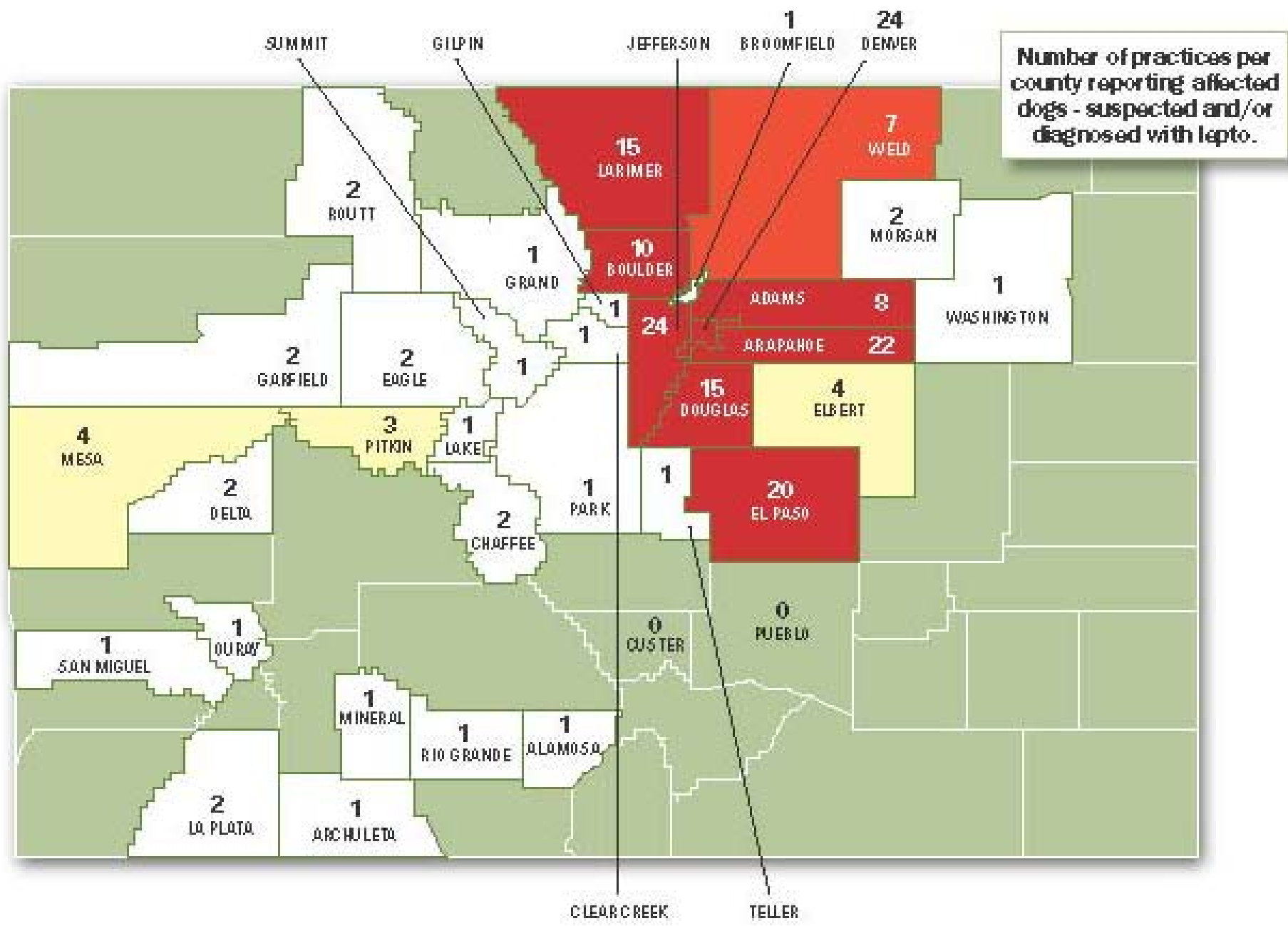


Area of Residence



Question: In what type of area did the dog(s) reside? (Check all that apply.)

N = 140





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Fastest Growing Counties and Reported Lepto Cases

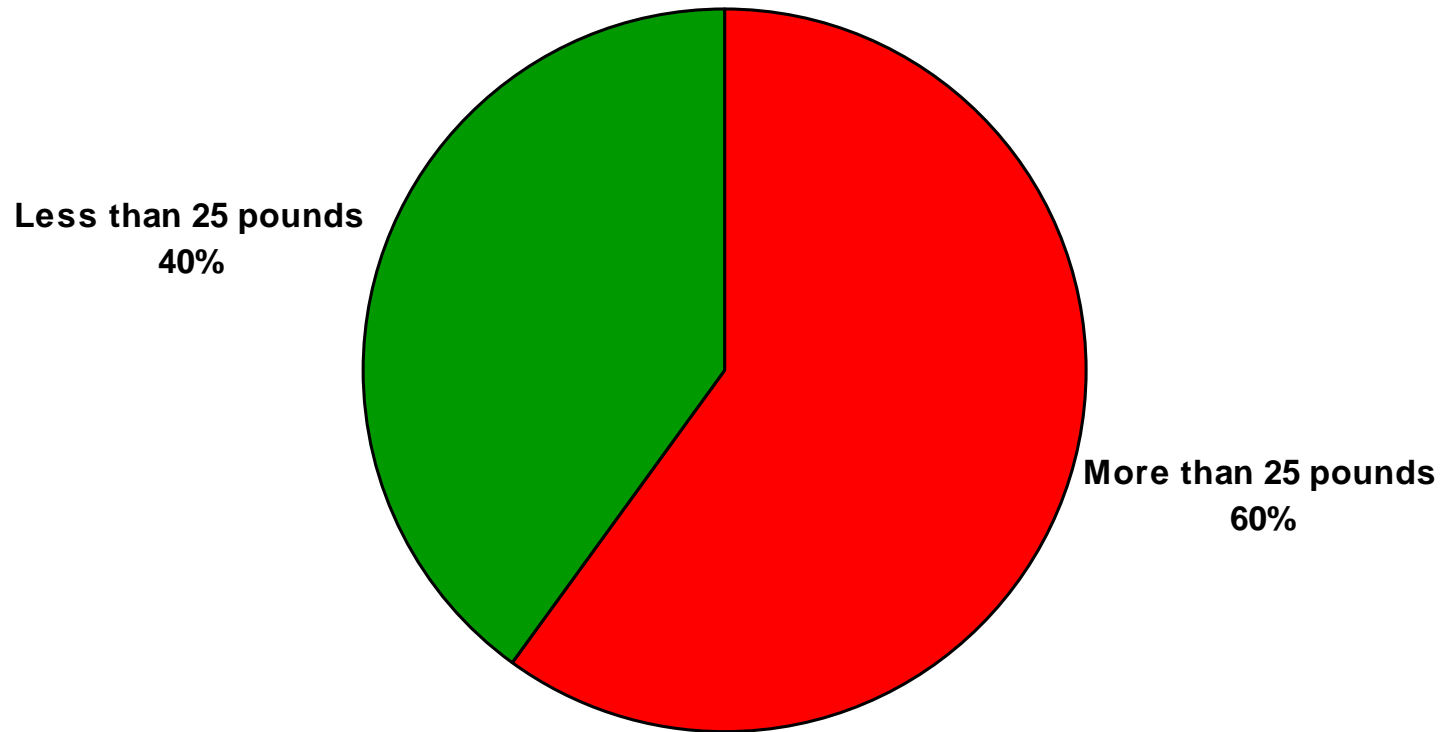
County	Population Growth	Suspected Cases	Diagnosed Cases
Survey Total		1,068	265
Adams	14%	93	32
Arapahoe	10%	91	16
Boulder	0%	100	40
Broomfield	27%	20	10
Chaffee	3%	3	1
Denver	6%	166	42
Douglas	35%	83	11
El Paso	13%	147	53
Jefferson	0%	215	50
Larimer	13%	85	15
Mineral	14%	4	2
Routt	12%	6	2
Teller	6%	5	1
Weld	26%	13	1

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Size



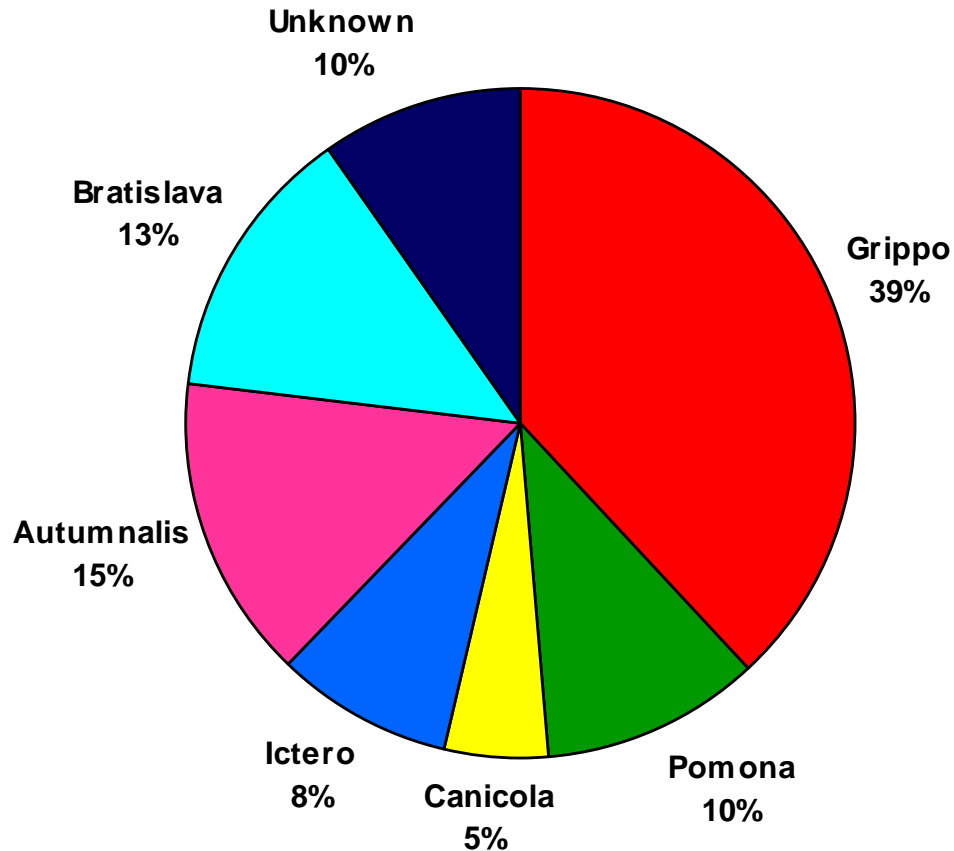
Question: What are the breeds of the affected dog(s)? Please list as many as you recall.

N = 295





Dominant Serovars



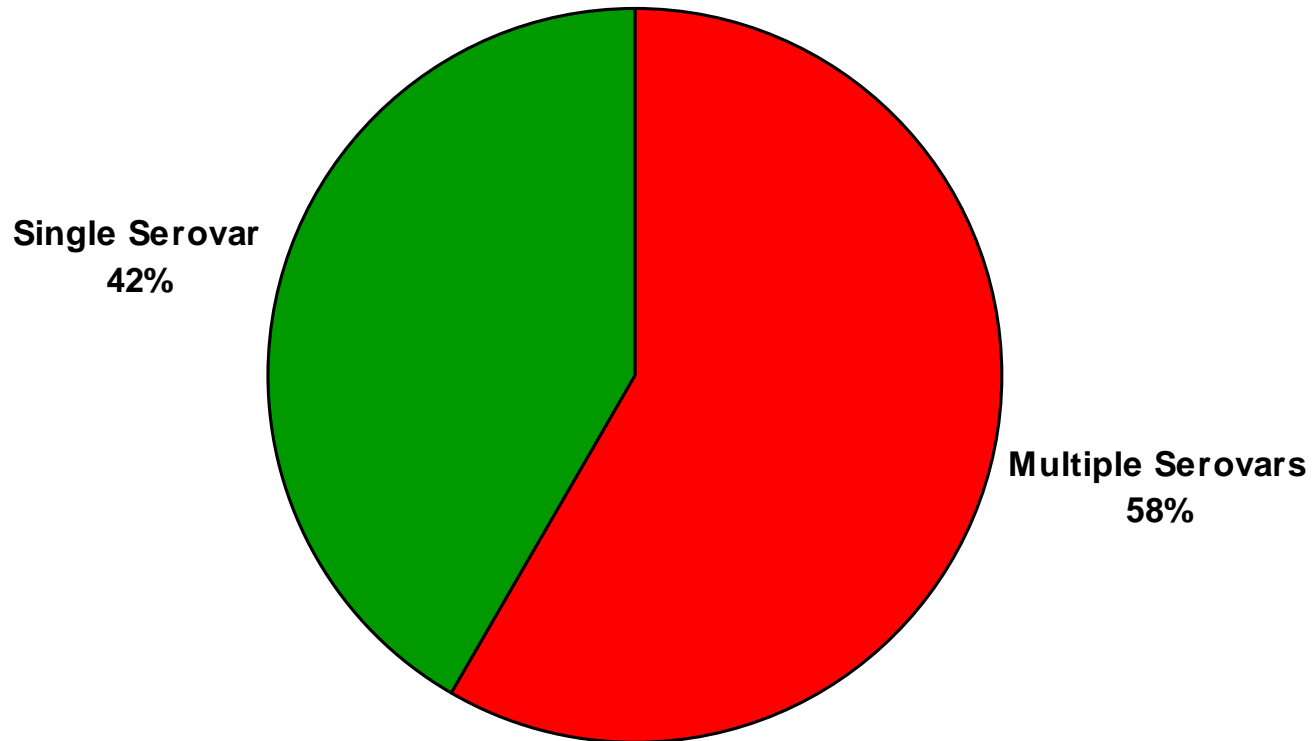
Question: In these cases, which were the dominant serovars? (Select the number of dogs diagnosed with each serovar.)

N = 65; 309 reports



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Dominant Serovars Reported Multiple Serovars



Question: In these cases, which were the dominant serovars? (Select the number of dogs diagnosed with each serovar.)

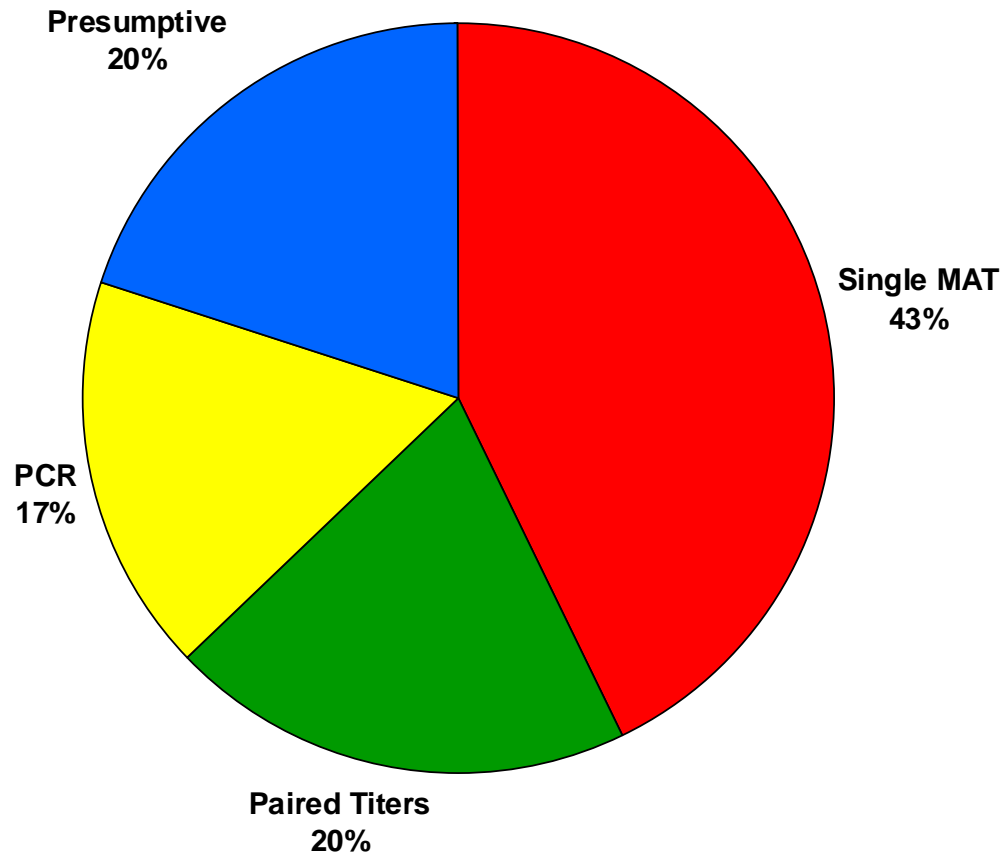
N = 65; 309 reports



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Determining Diagnosis



Most everyone
used more than
one test method.

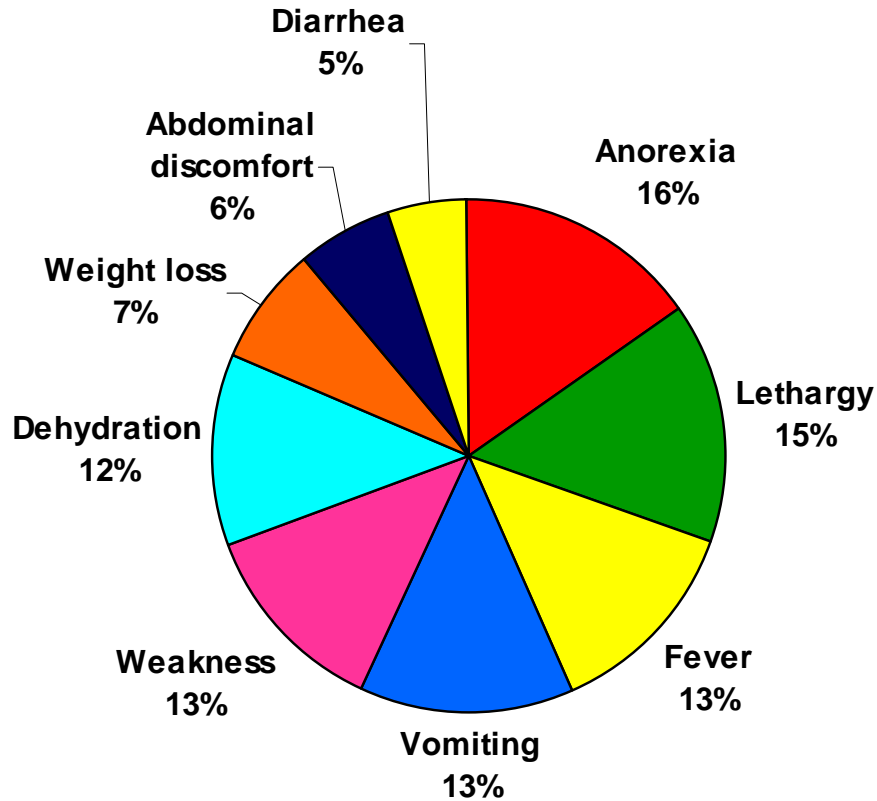
Question: How did you determine the diagnosis (Check all that apply.)

N = 108





Clinical Presentation



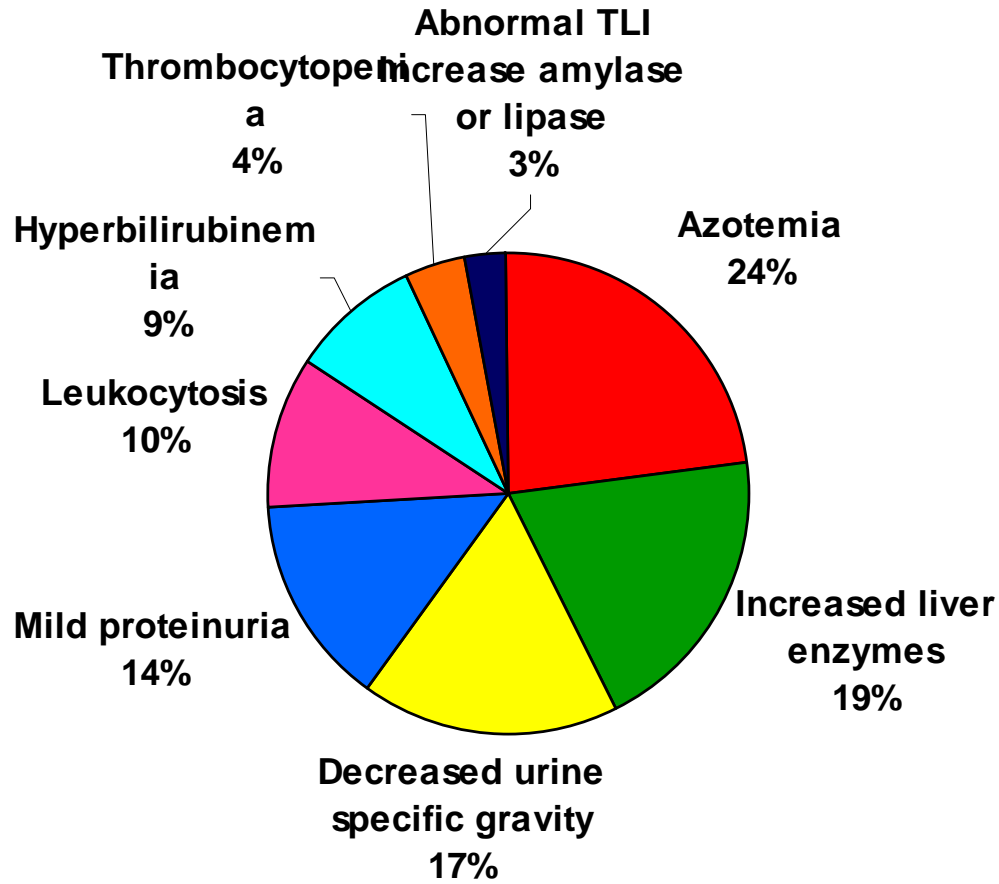
Question: Describe the clinical presentation of the leptospirosis case(s) you've seen? (Check all that apply.)

N = 95





Laboratory Results



Question: What type of laboratory results have you received on leptospirosis case(s)? (Check all that apply.)

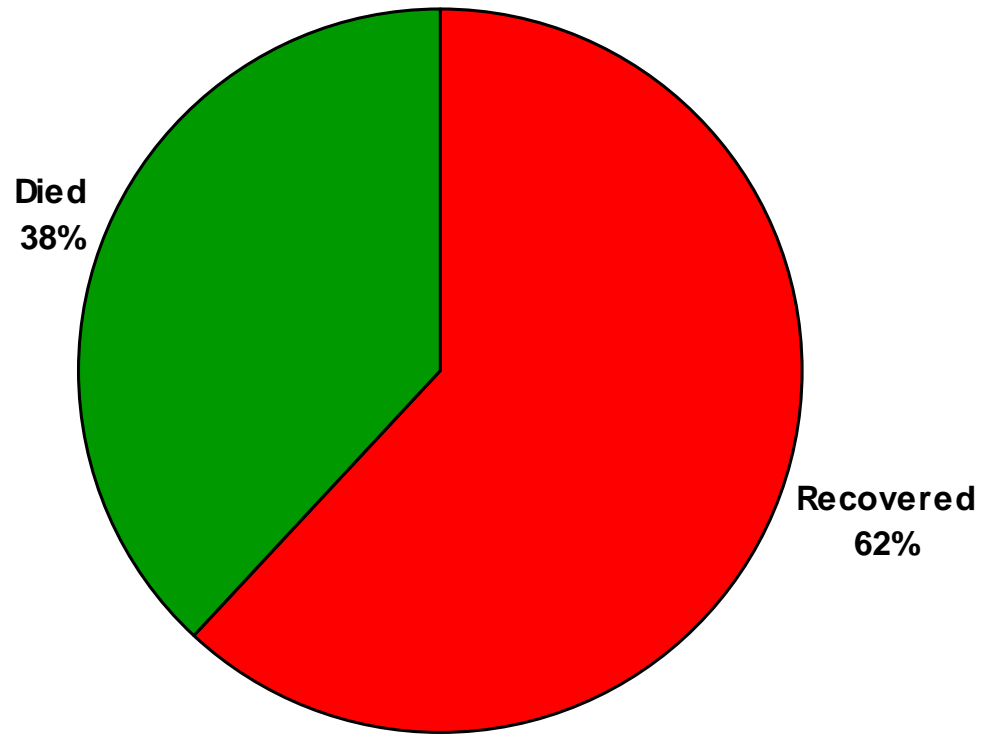
N = 95





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Mortality



Question: Please share with us the mortality rate of the case(s) you diagnosed.

N = 88

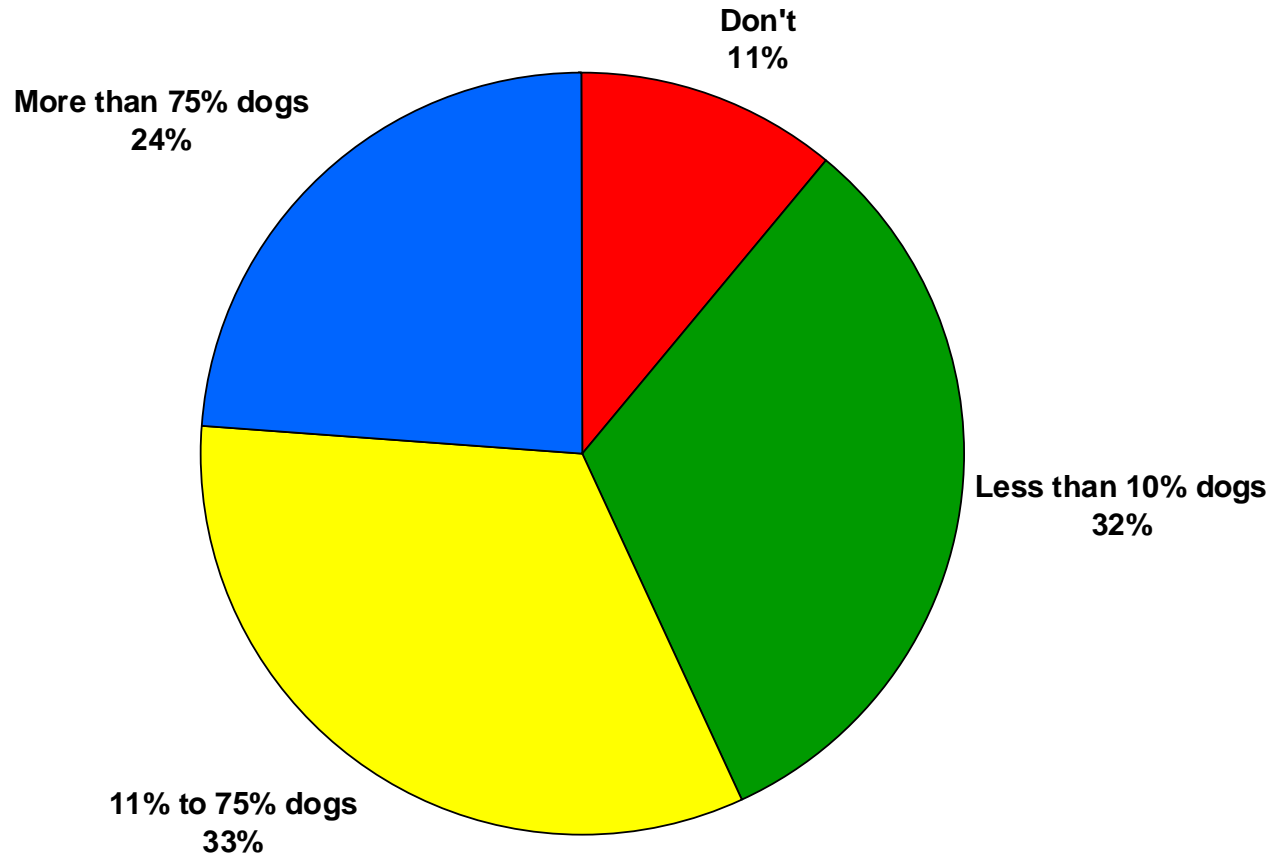


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Vaccination Practices



Question: What percentage of dogs do you vaccinate for leptospirosis?

N = 133

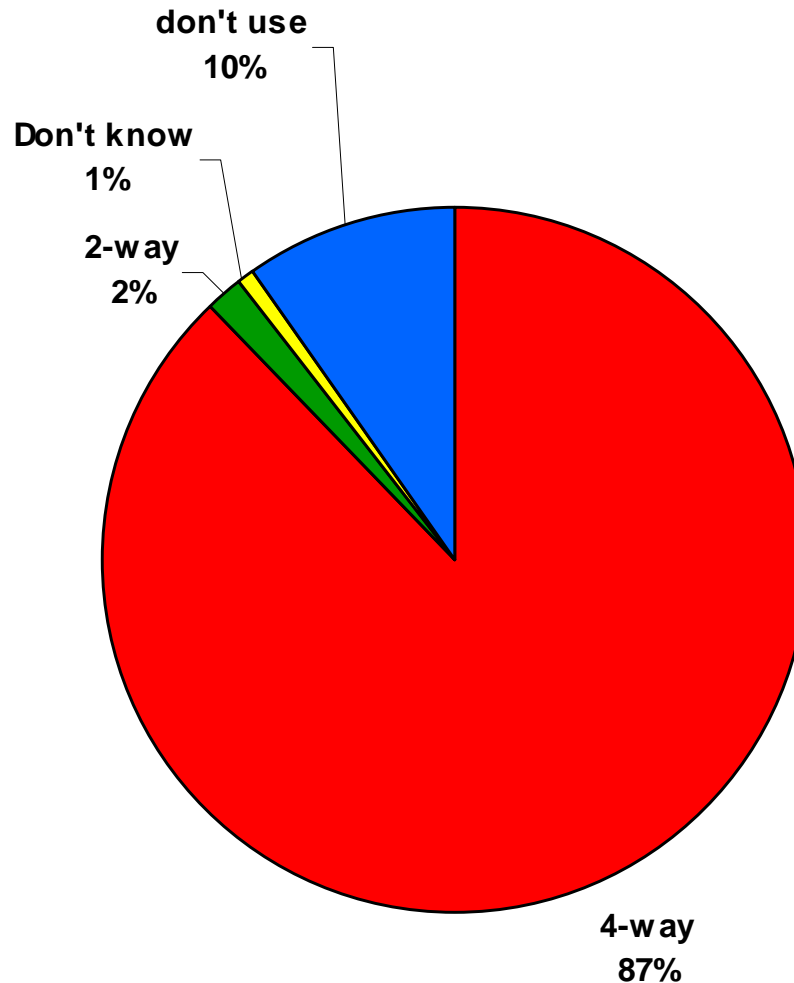


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Type of Vaccine Used



Question: Do you use a four-serovar or two-serovar leptospirosis vaccine?

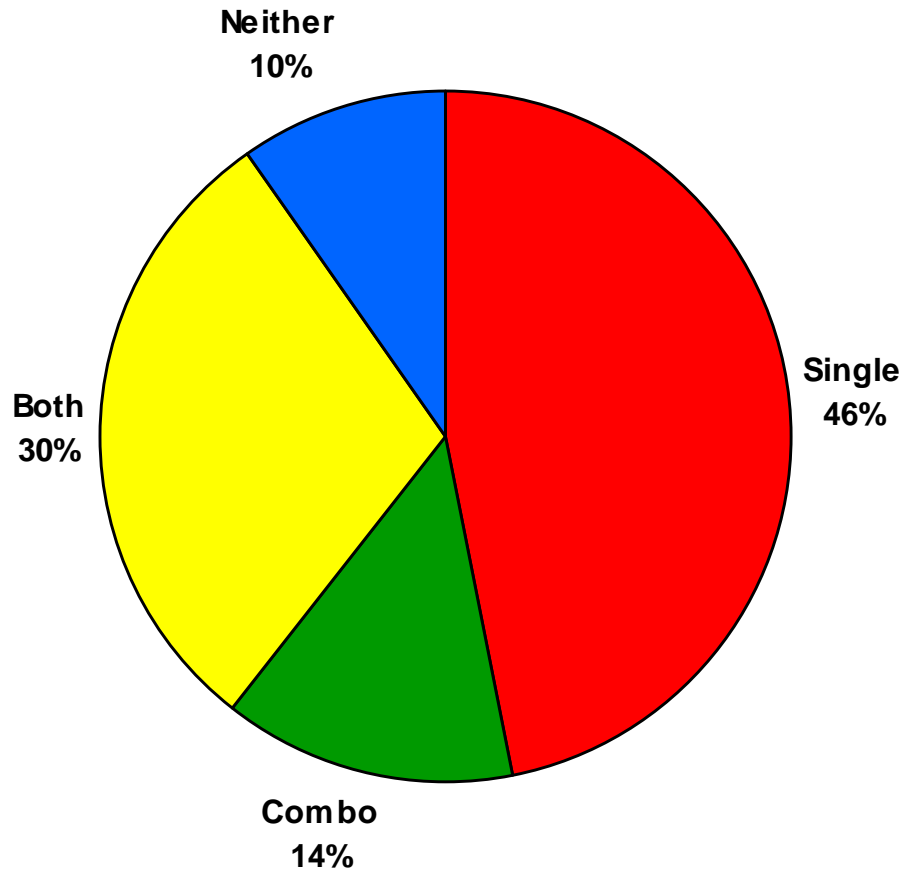
N = 132



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Vaccination Practices



Question: Do you generally use a stand-alone lepto vaccine or combination vaccine containing leptos?

N = 132

