

# Leonberger Health Survey 2019 (Sponsored by LHFI)

1079 Responses – THANKS Everyone!

341 males

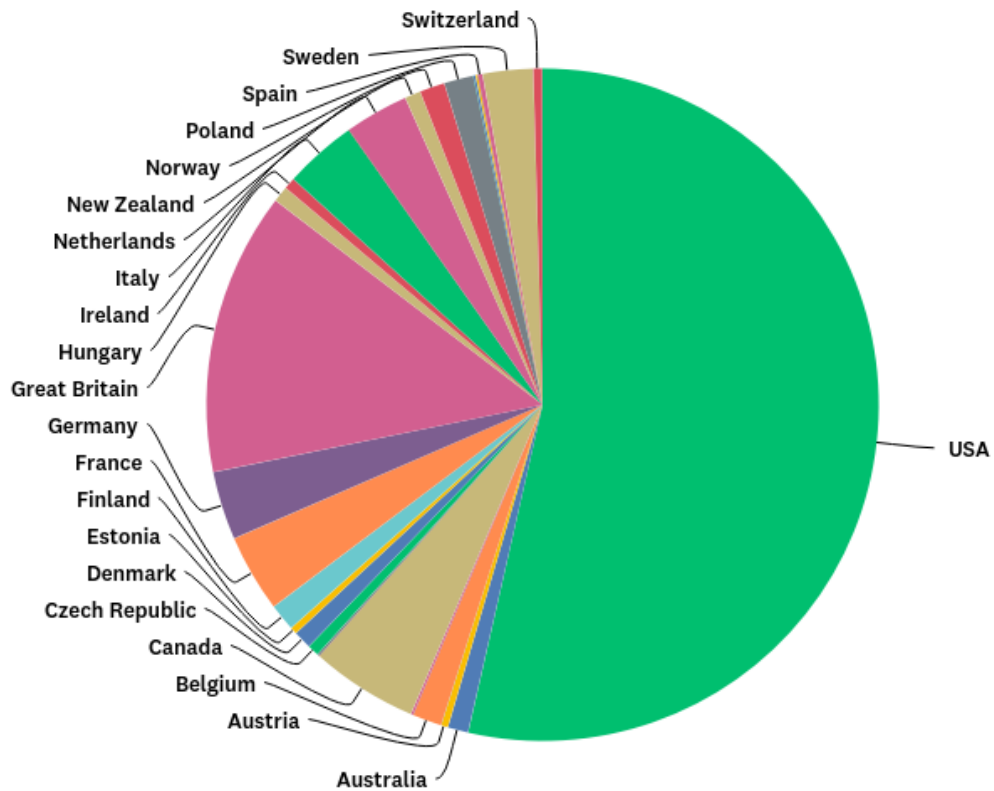
389 females

(rest unknown)

## Participants from:

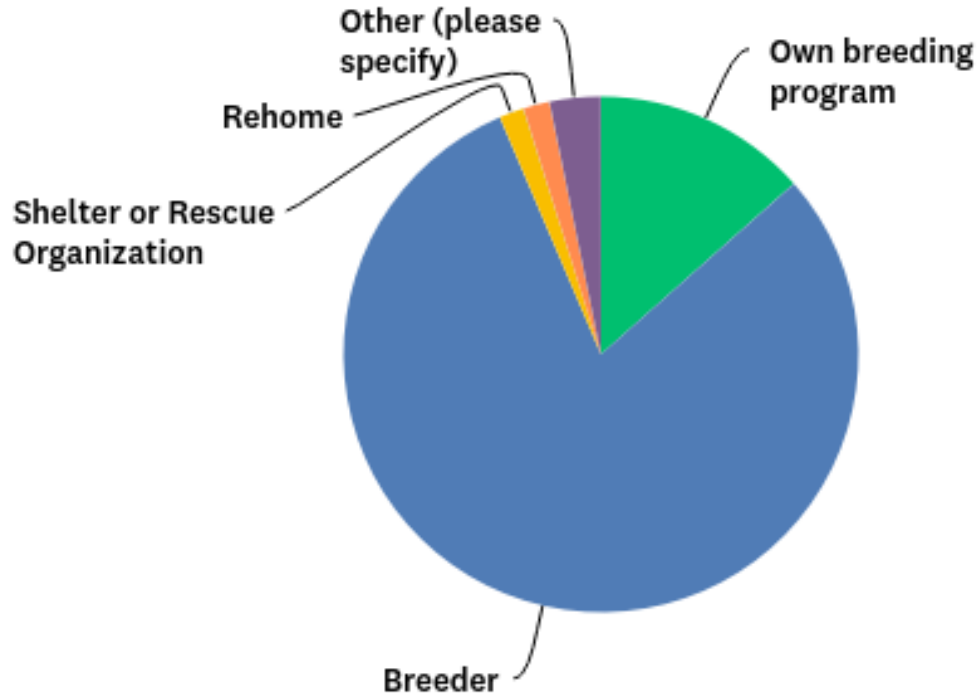
<b>USA</b>	<b>518</b>	<b>Newzealand</b>	<b>5</b>
<b>Great Britian</b>	<b>60</b>	<b>Austria</b>	<b>4</b>
<b>Canada</b>	<b>31</b>	<b>Estonia</b>	<b>3</b>
<b>Italy</b>	<b>28</b>	<b>Czech Republic</b>	<b>2</b>
<b>England</b>	<b>20</b>	<b>Hungary</b>	<b>2</b>
<b>France</b>	<b>20</b>	<b>Norway</b>	<b>2</b>
<b>Netherland</b>	<b>15</b>	<b>Poland</b>	<b>2</b>
<b>Belgium</b>	<b>13</b>	<b>Scotland</b>	<b>2</b>
<b>Australia</b>	<b>10</b>	<b>Denmark</b>	<b>1</b>
<b>Germany</b>	<b>9</b>	<b>Finland</b>	<b>1</b>
<b>Sweden</b>	<b>7</b>	<b>Romania</b>	<b>1</b>
<b>Ireland</b>	<b>6</b>	<b>Spain</b>	<b>1</b>

## Dogs' Country of Birth:



## This Leonberger came from:

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# Cause of Death

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Survey included data from 245 deceased dogs.

## Cause of Death:

- Cancer = 57%
- Old Age / Immobility = 14%
- Cardiovascular Related Problems = 8%
- Polyneuropathy = 4%
- Gastrointestinal Related Problems = 3%
- All other causes were less than 1% of total

(81% of deceased dogs were euthanized due to health problems)

# Average Age of Death

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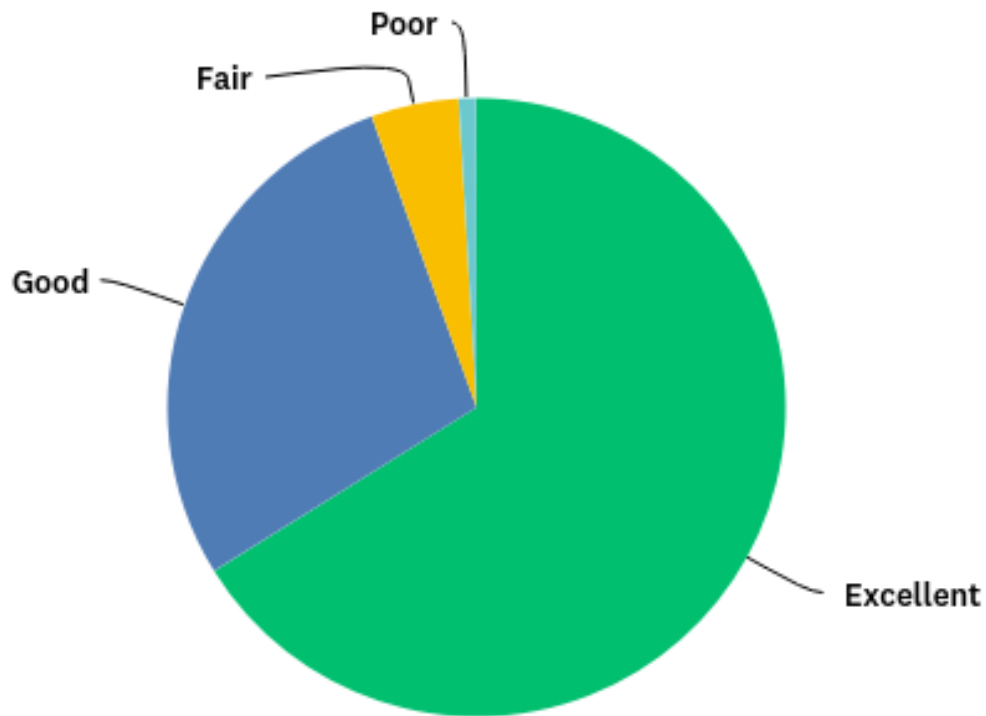
- Male = 8 years, 7 months
- Female = 9 years, 2 months

## Average age at death (non accident-related)

- 2019 = 8.8 years old
- mid-1990s was ~ 7.5 years old

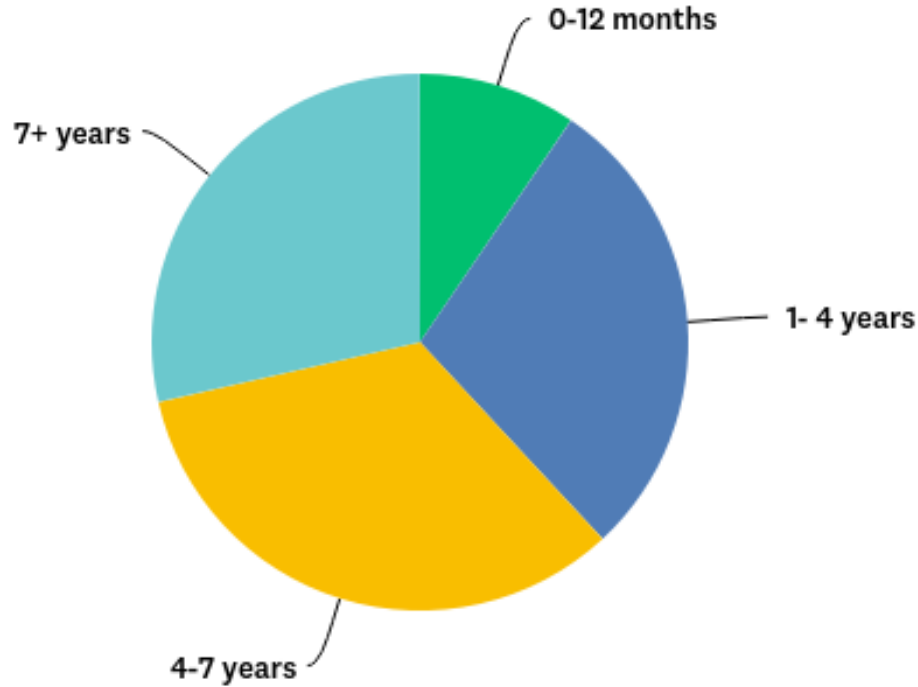
## Overall Health of this Leonberger? (For deceased dogs, the overall health of the dog during its lifetime listed).

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## If overall health is fair or poor, at what age did health start to decline?

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# Does your Leonberger have any cancer/tumors?

Question completed by 755 owners.

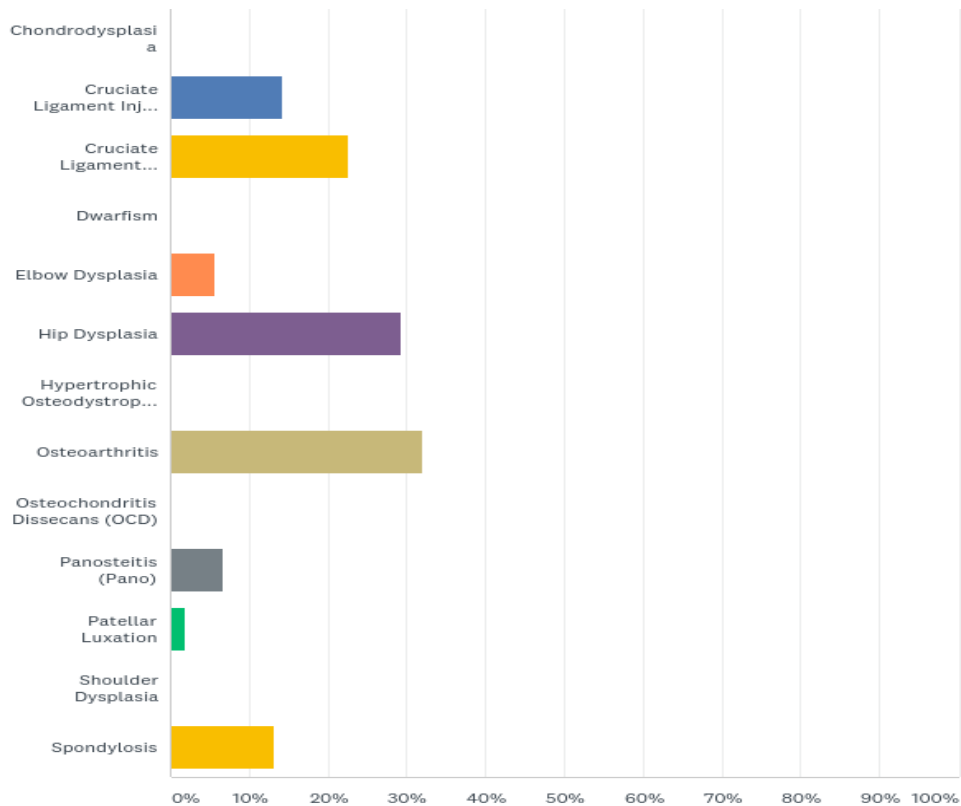
23% answered "Yes" (n=175)

ANSWER CHOICES	RESPONSES	
Adenocarcinoma	3.82%	5
Brain Cancer	3.05%	4
Fibrosarcoma	1.53%	2
Hemangiosarcoma	25.95%	34
Leukemia	0.00%	0
Lymphoma	4.58%	6
Malignant Histiocytosis	0.00%	0
Mast Cell Tumor - Low Grade	3.05%	4
Mast Cell Tumor - Intermediate/High Grade	3.82%	5
Mammary Cancer (breast)	13.74%	18
Uterine Cancer	0.00%	0
Melanoma	3.82%	5
Osteosarcoma	40.46%	53
Bone Cancer (non-osteosarcoma)	3.82%	5
Prostate Cancer	0.76%	1
Squamous Cell Carcinoma	1.53%	2
Total Respondents: 131		

# Does your Leonberger have any orthopedic/skeletal disorders?

Question completed by 737 owners.

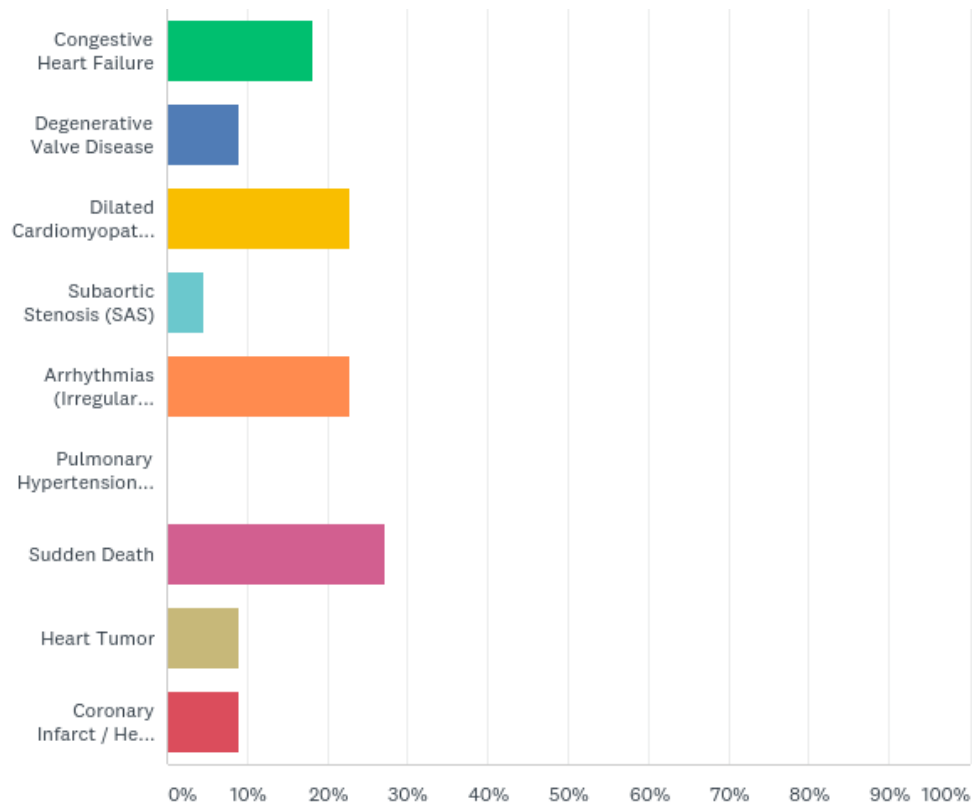
19% answered "Yes" (n=139)



# Does your Leonberger have any cardiac/heart disorders?

Question completed by 755 owners.

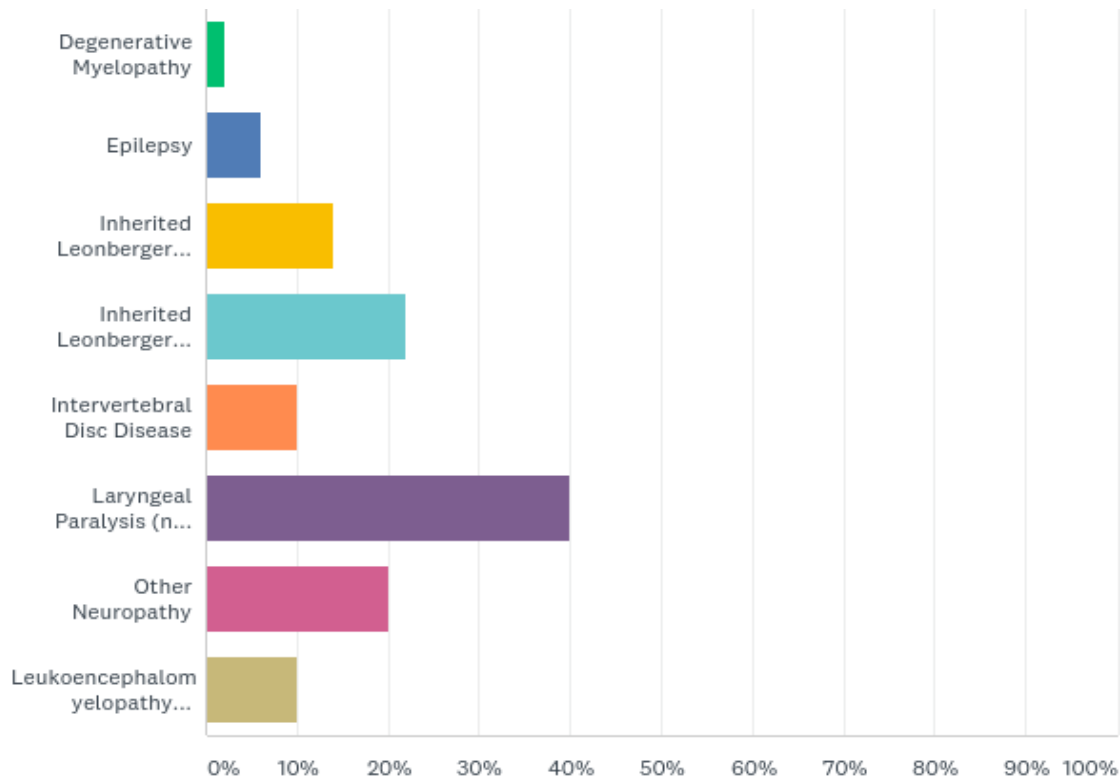
5% answered "Yes" (n=38)



# Does your Leonberger have any neurological disorders?

Question completed by 744 owners.

9% answered "Yes" (n=65)



# LPN1 Genetic Test

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ANSWER CHOICES	RESPONSES	
Clear (NN)	94.43%	356
Carrier/At Risk (DN)	5.31%	20
Affected (DD)	0.27%	1
TOTAL		377

# LPN2 Genetic Test

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ANSWER CHOICES	RESPONSES	
Clear (NN)	93.98%	328
Affected/Susceptible (DN)	5.16%	18
Affected/Susceptible (DD)	0.86%	3
TOTAL		349

# LEMP Genetic Test

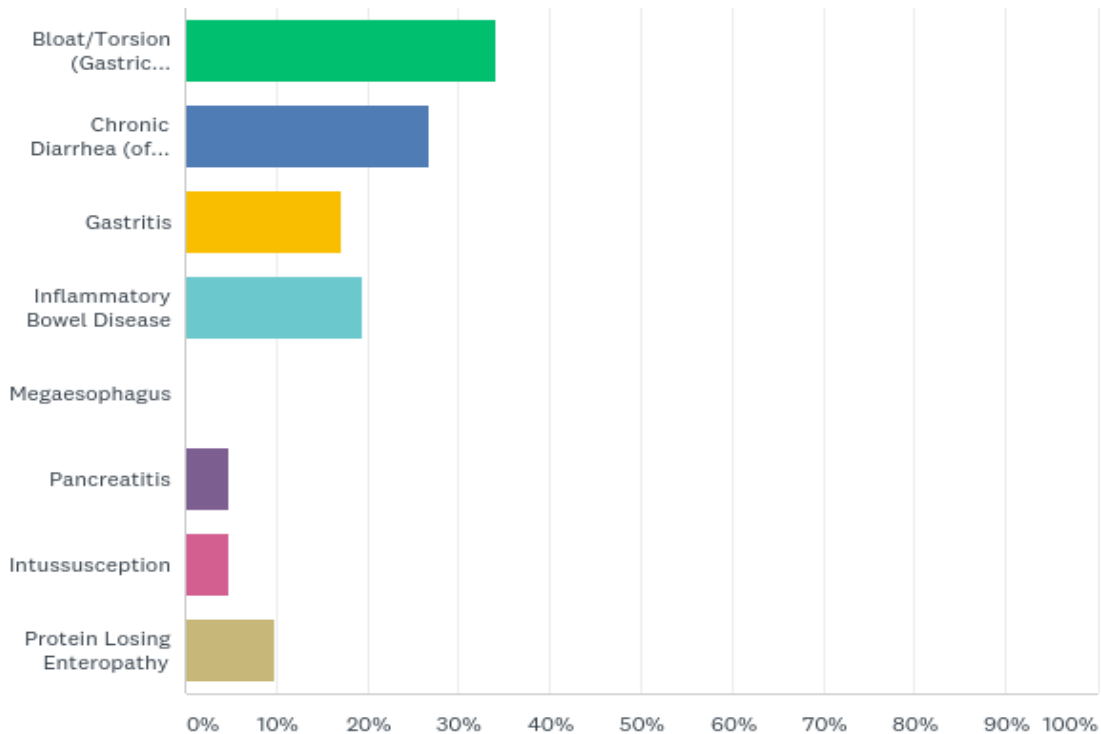
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ANSWER CHOICES	RESPONSES	
Clear (NN)	85.66%	245
Carrier (DN)	13.64%	39
Affected/Susceptible (DD)	0.70%	2
TOTAL		286

# Does your Leonberger have any gastrointestinal problems?

Question completed by 748 owners.

11% answered "Yes" (n=79)

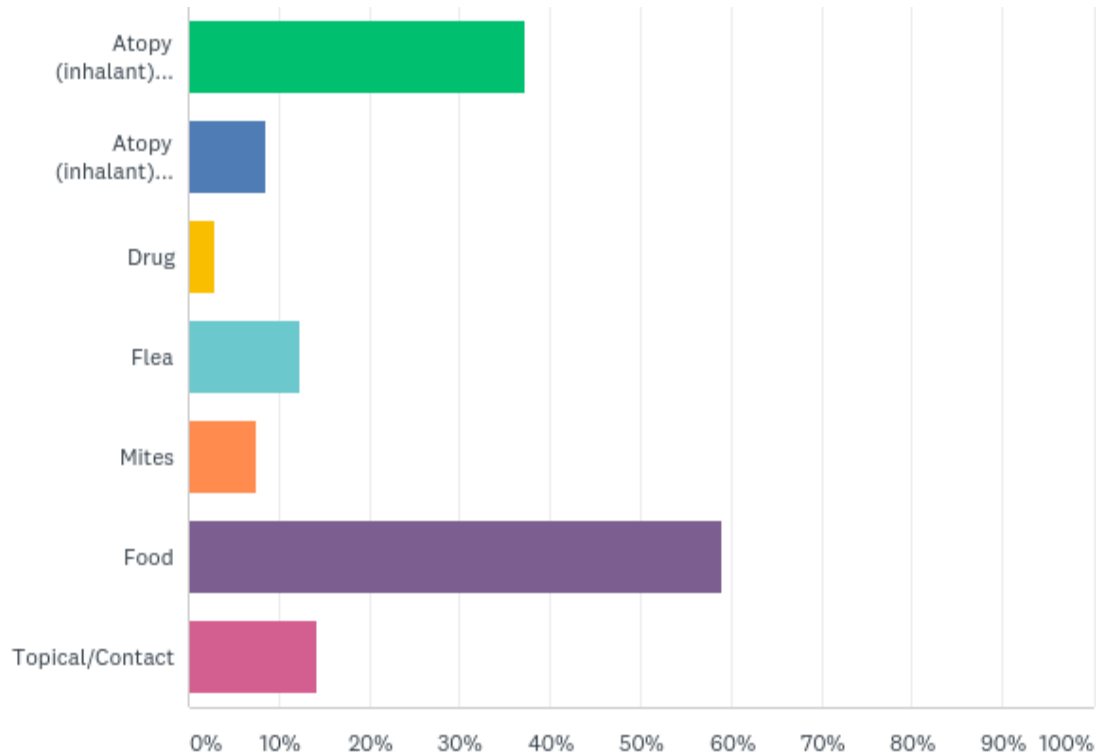




# Does your Leonberger have any allergies?

Question completed by 773 owners.

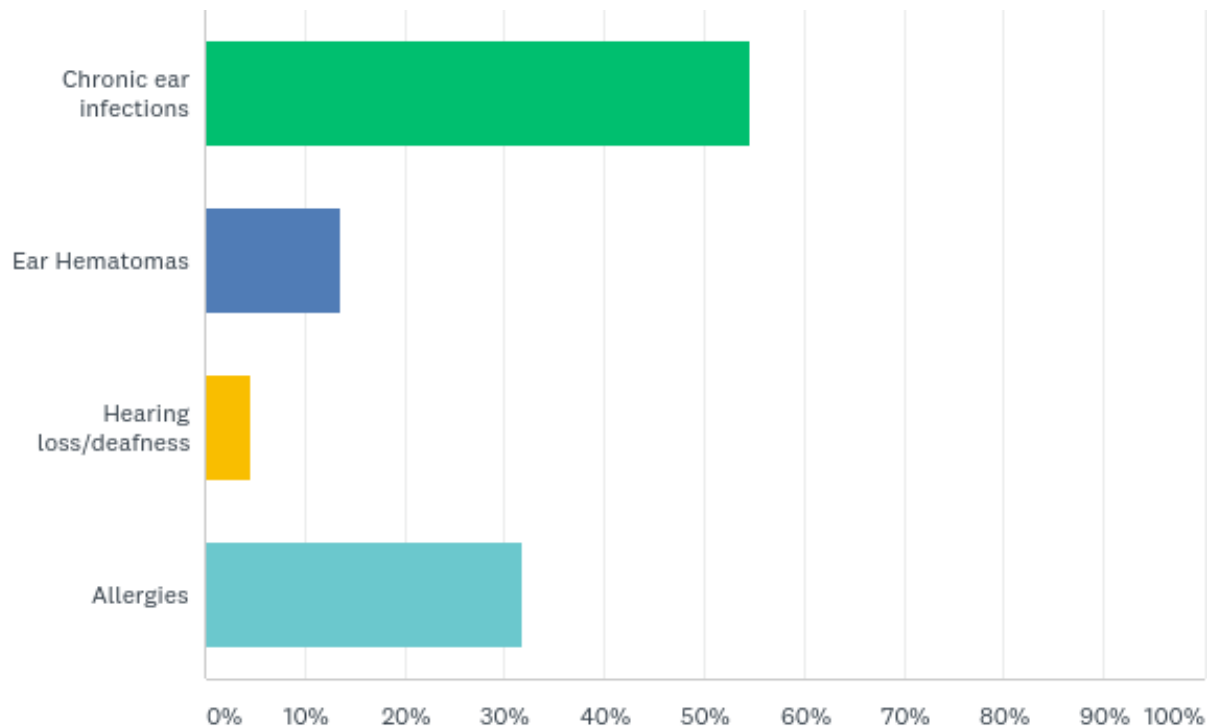
15% answered "Yes" (n=119)



# Does your Leonberger have any ear problems?

Question completed by 752 owners.

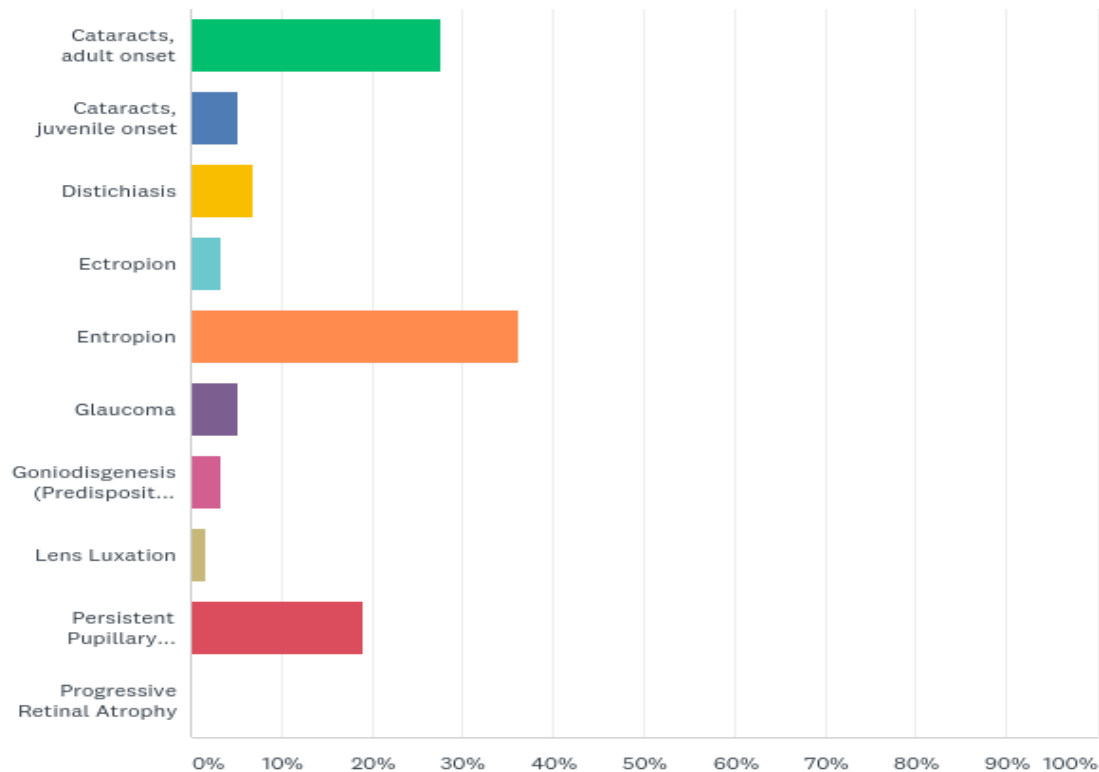
13% answered "Yes" (n=99)



# Does your Leonberger have any eye problems?

Question completed by 746 owners.

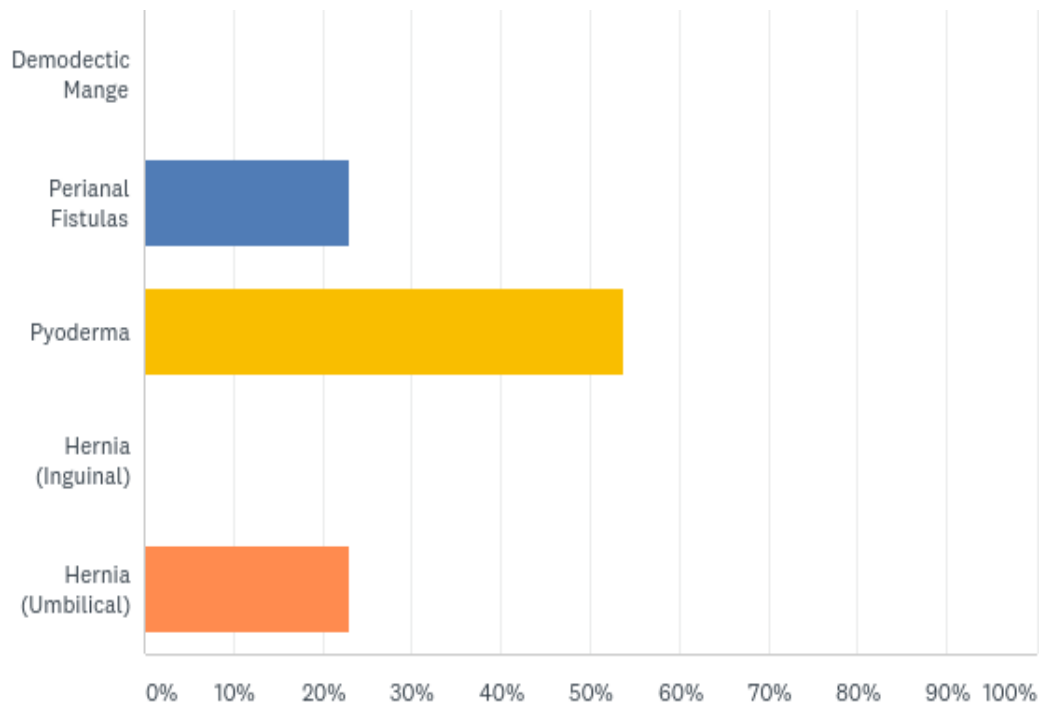
10% answered "Yes" (n=76)



# Does your Leonberger have any skin disorders?

Question completed by 726 owners.

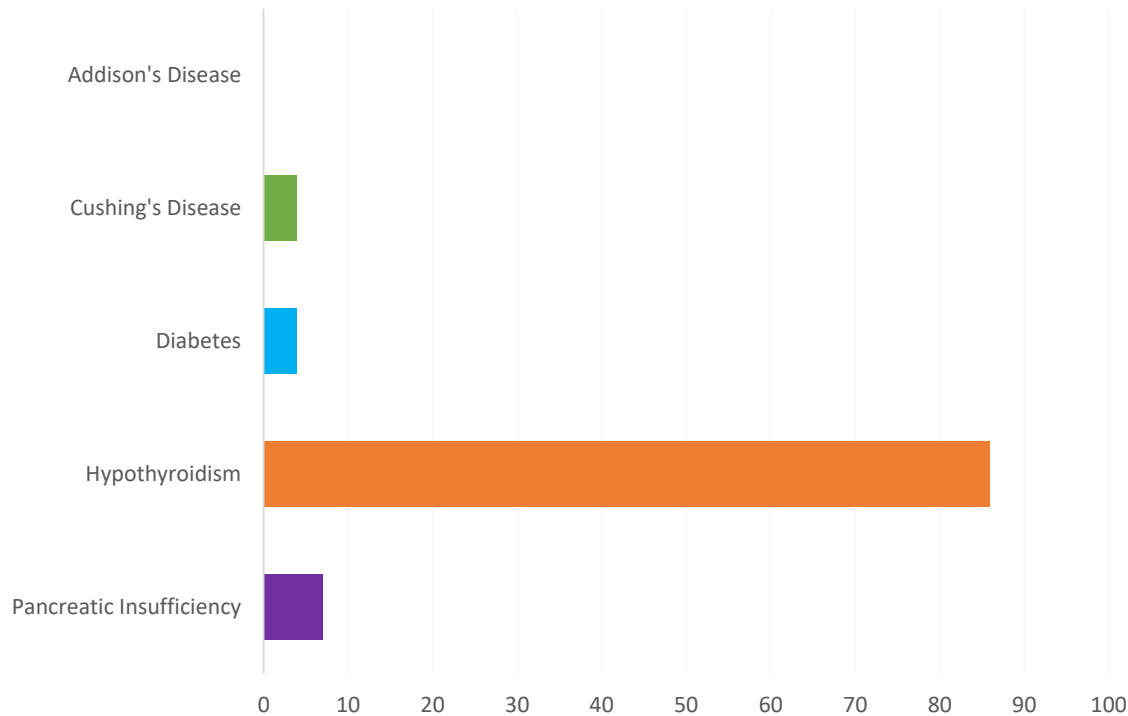
7% answered "Yes" (n=54)



# Does your Leonberger have any endocrine disorders?

Question completed by 750 owners.

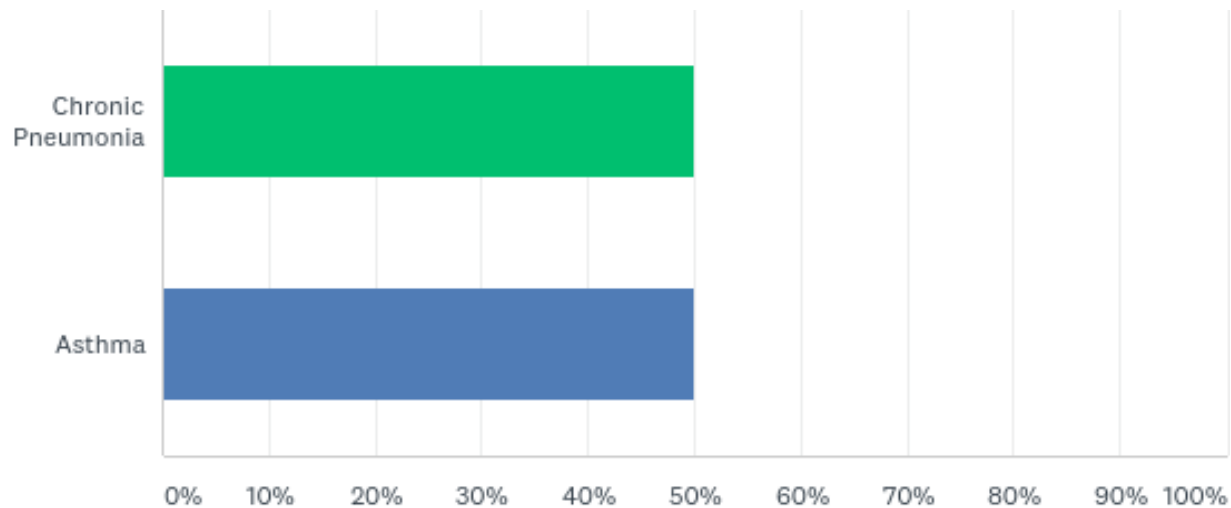
6% answered "Yes" (n=48)



# Does your Leonberger have any respiratory disorders?

Question completed by 733 owners.

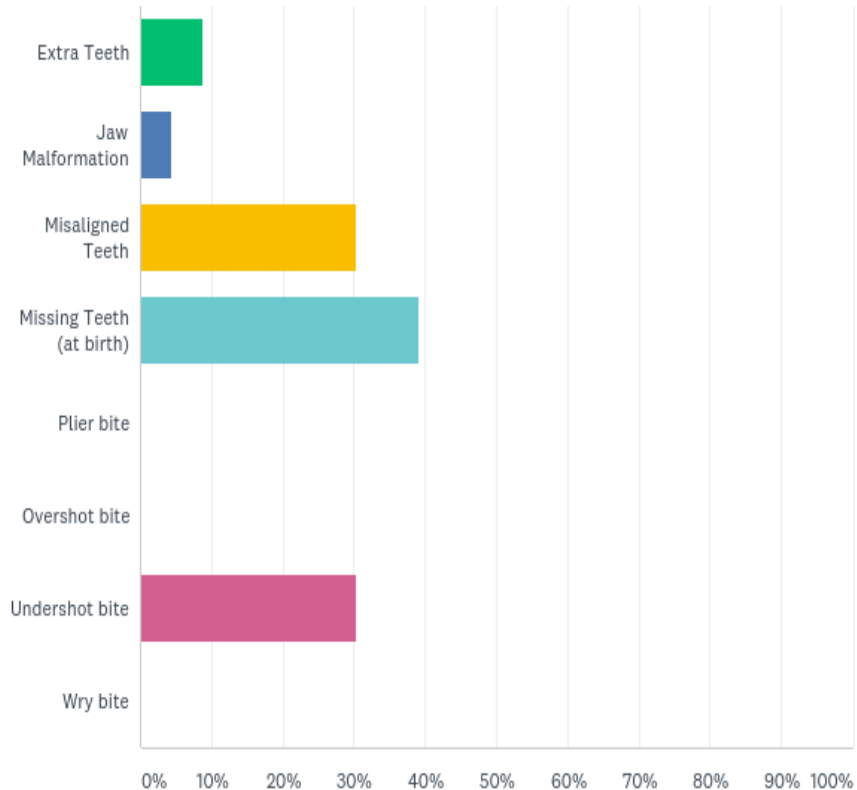
6% answered "Yes" (n=43)



# Does your Leonberger have any dental/jaw disorders?

Question completed by 754 owners.

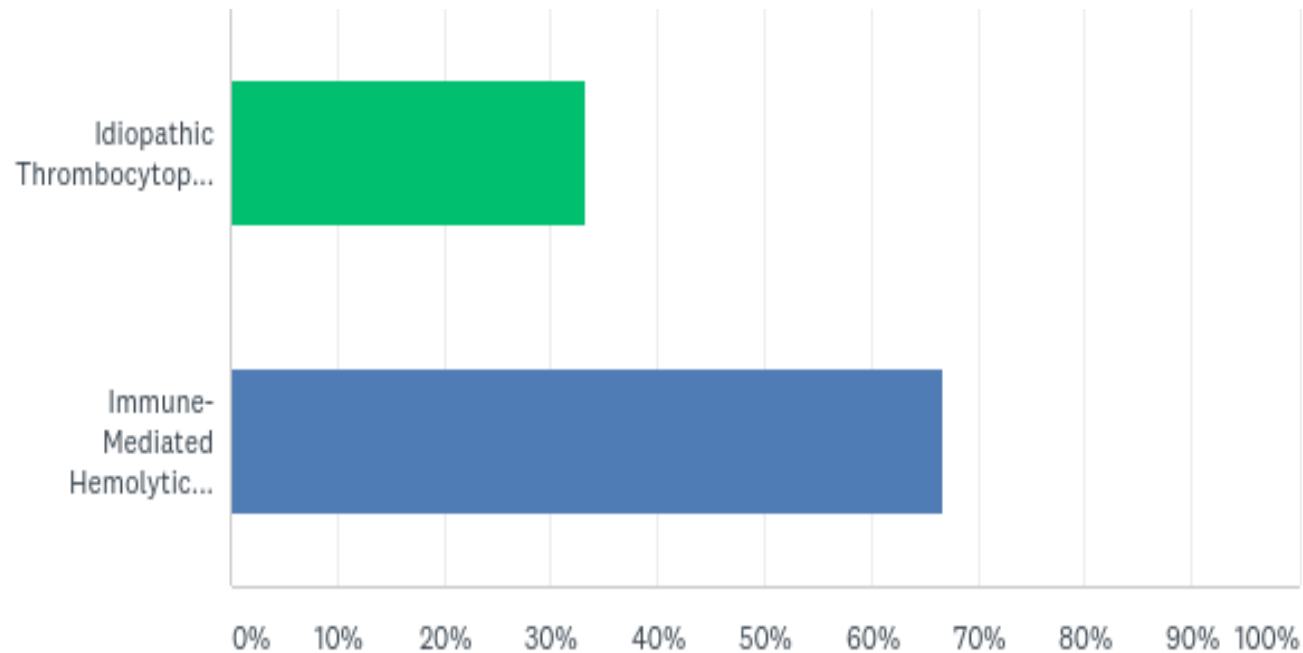
4% answered "Yes" (n=33)



# Does your Leonberger have any bloody/lymph disorders?

Question completed by 761 owners.

3% answered "Yes" (n=22)

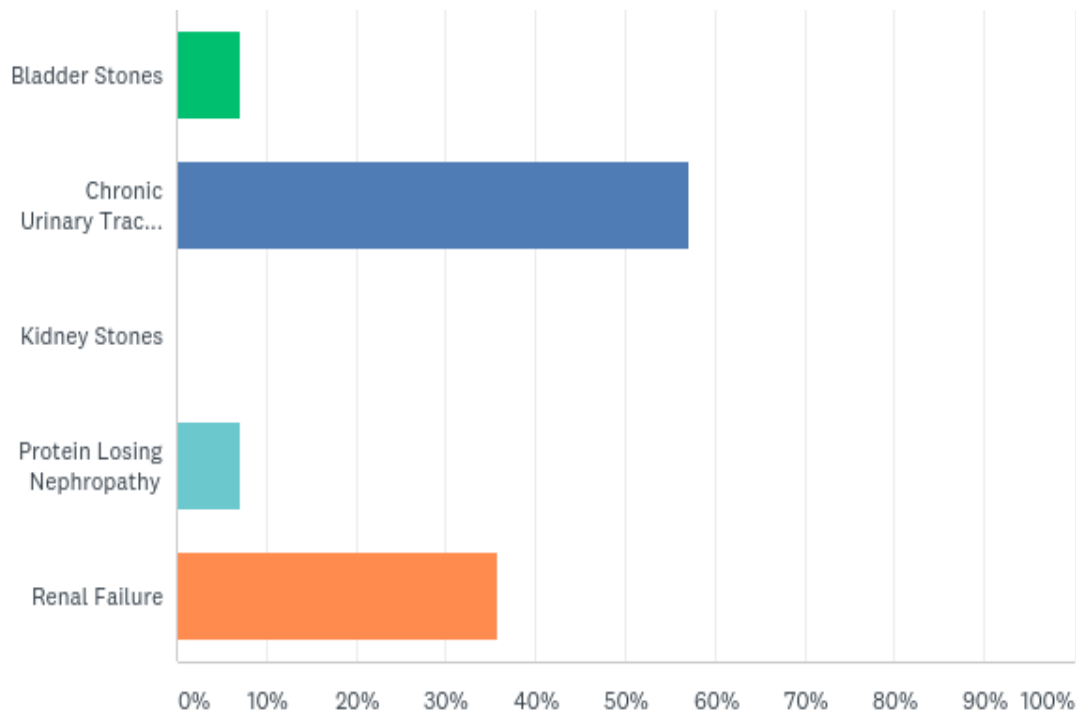




# Does your Leonberger have any kidney/urinary disorders?

Question completed by 745 owners.

3% answered "Yes" (n=26)



# Does your Leonberger have any liver disorders?

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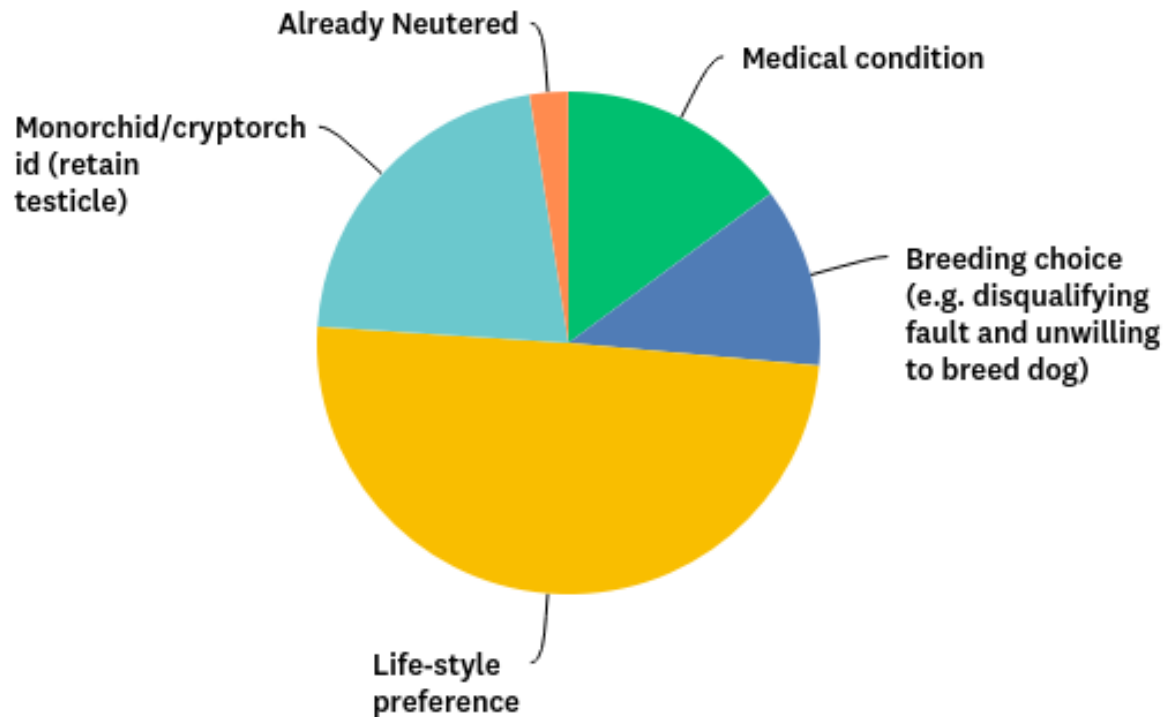
Question completed by 741 owners.

No primary liver disease (e.g. shunts, hepatitis)

# Males: 39% were neutered

## Reason

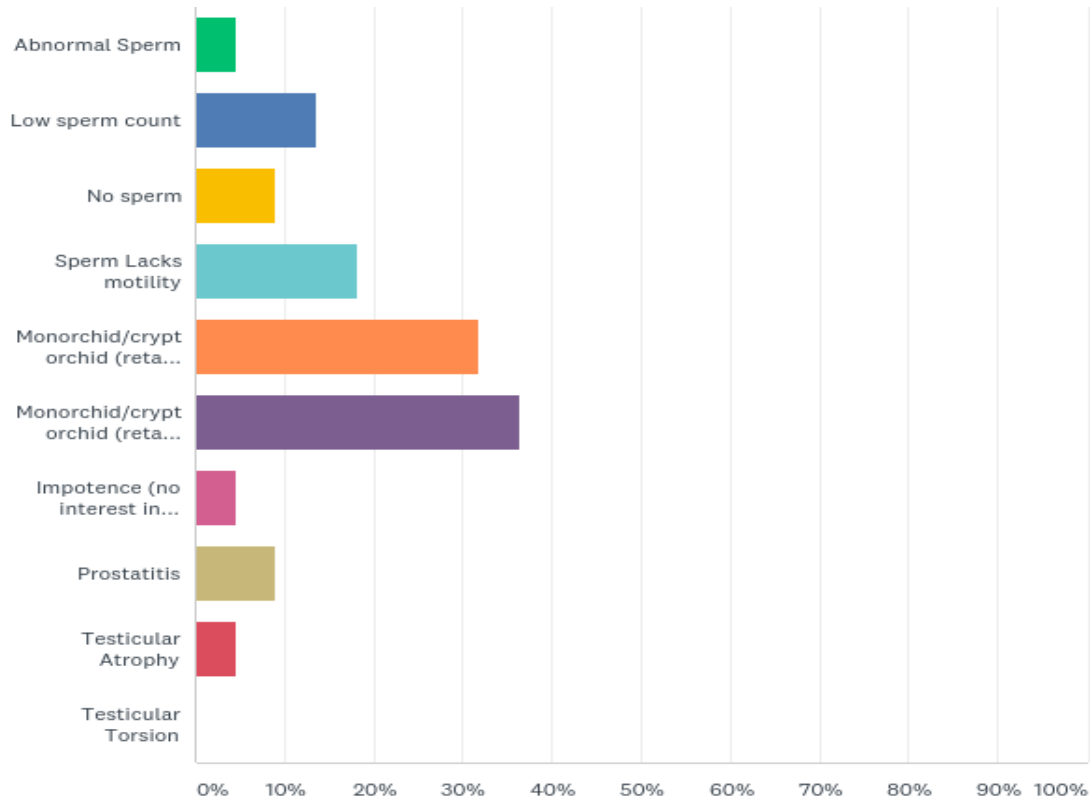
Question completed by 339 owners.



# Does your male Leonberger have any reproductive disorders?

Question completed by 334 owners.

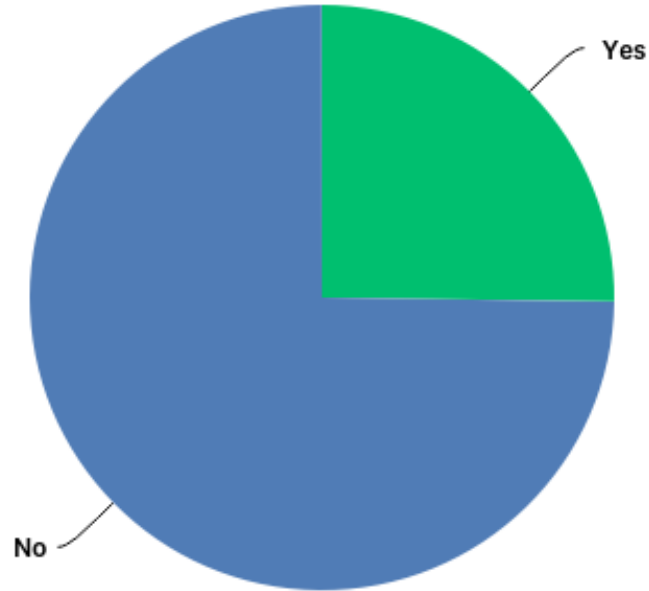
7% answered "Yes" (n=24)



# Is your male Leonberger used for breeding?

Question completed by 337 owners.

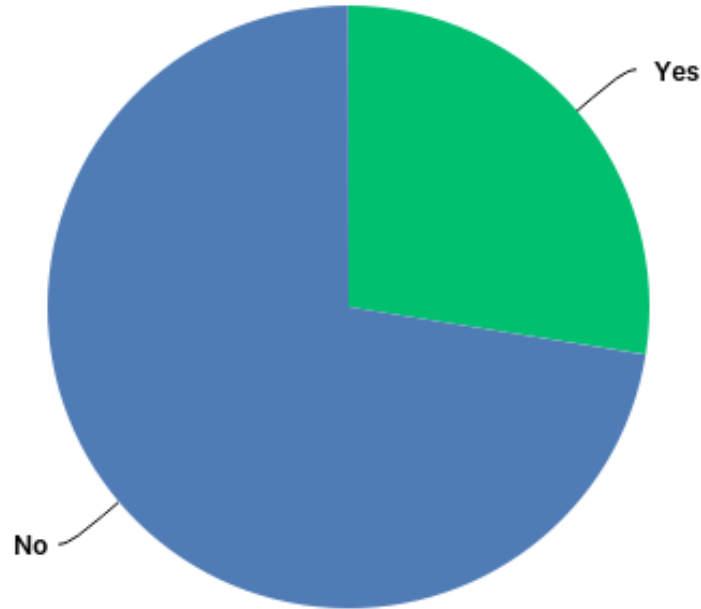
25% answered "Yes" (n=85)



# If puppies were sired, were any puppies monorchid/cryptorchid at 8 wks?

Question completed by 69 owners.

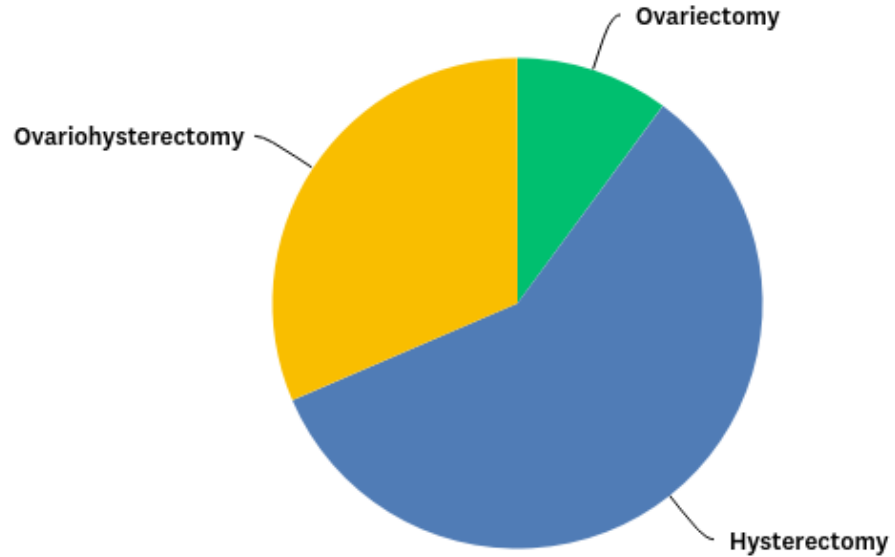
28% answered "Yes" (n=19)



# Females: 53% were spayed

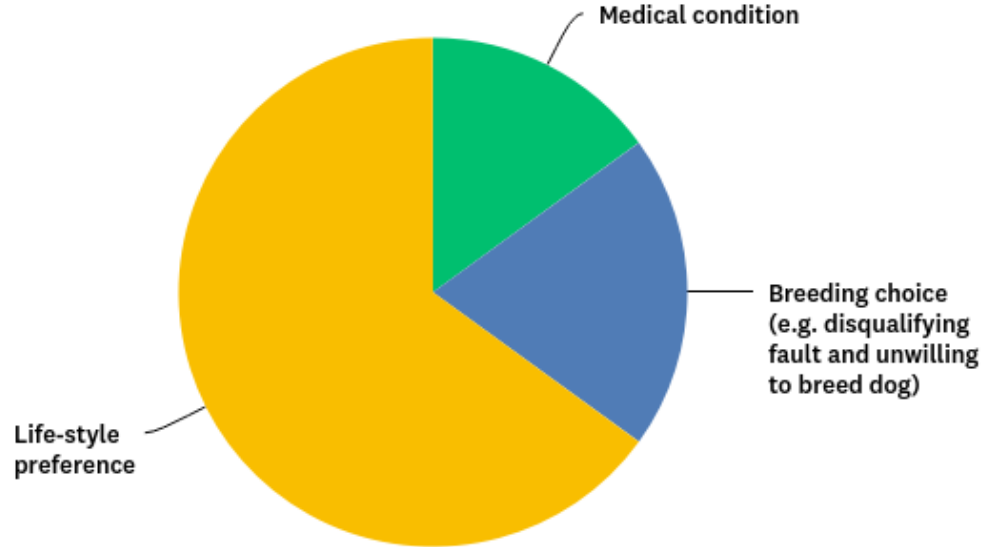
## Reason

Question completed by 388 owners.



# Spaying was performed because of:

Question completed by 160 owners.

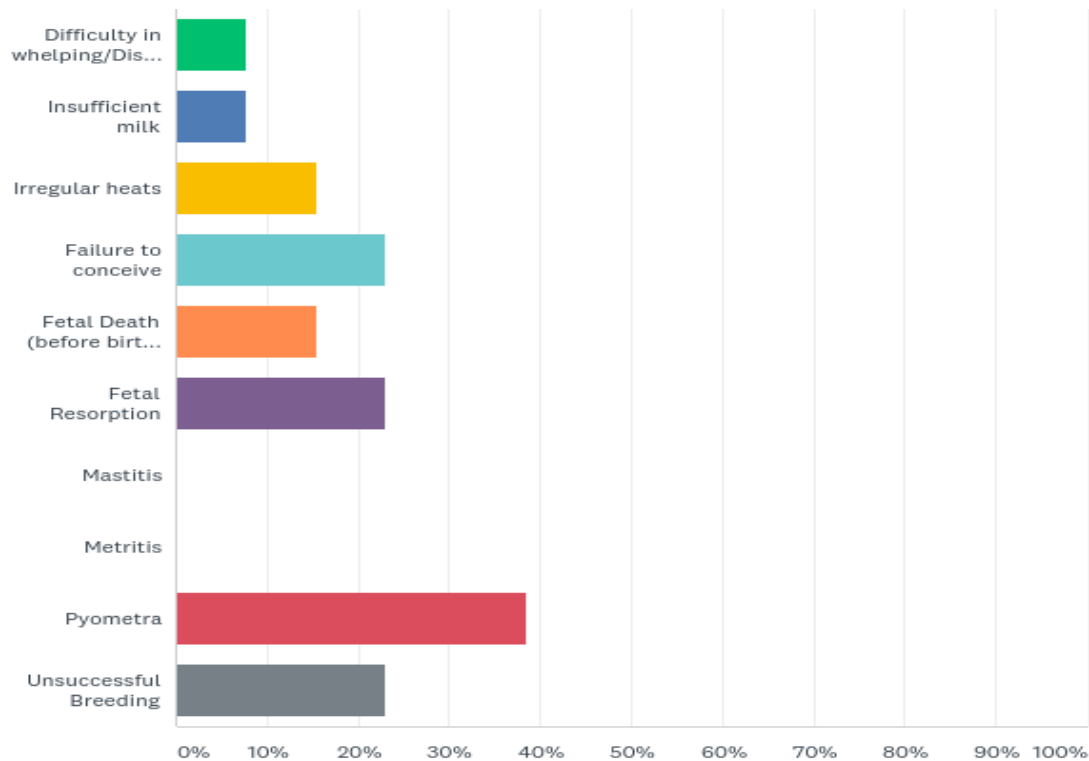




# Does your female Leonberger have any reproductive disorders?

Question completed by 386 owners.

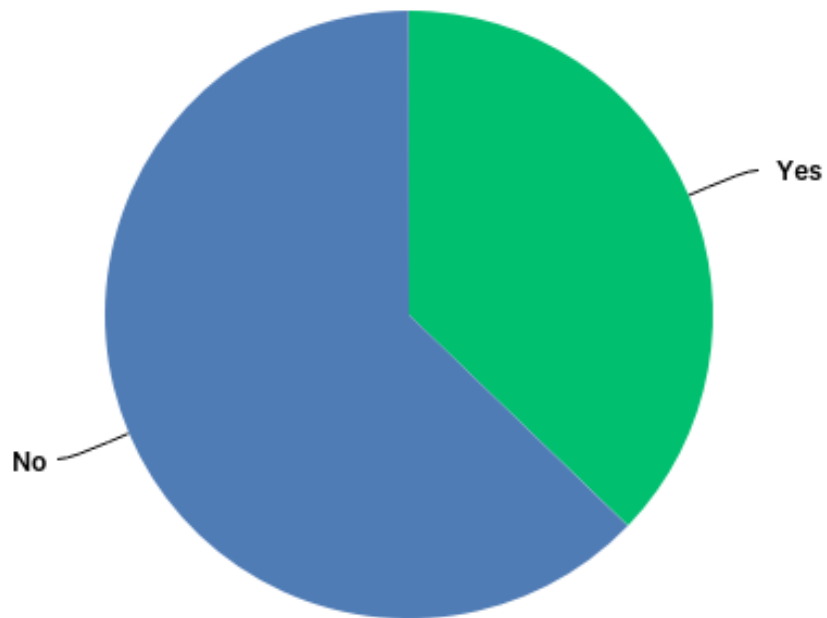
4% answered "Yes" (n=17)



# Is this female Leonberger used for breeding?

Question completed by 379 owners.

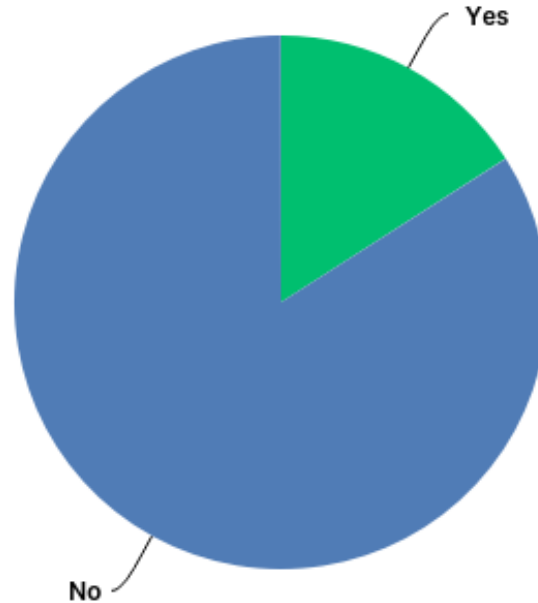
37% answered "Yes" (n=141)



# Does this Leonberger exhibit unusual temperament characteristics or aggression?

Question completed by 708 owners.

16% answered "Yes" (n=131)



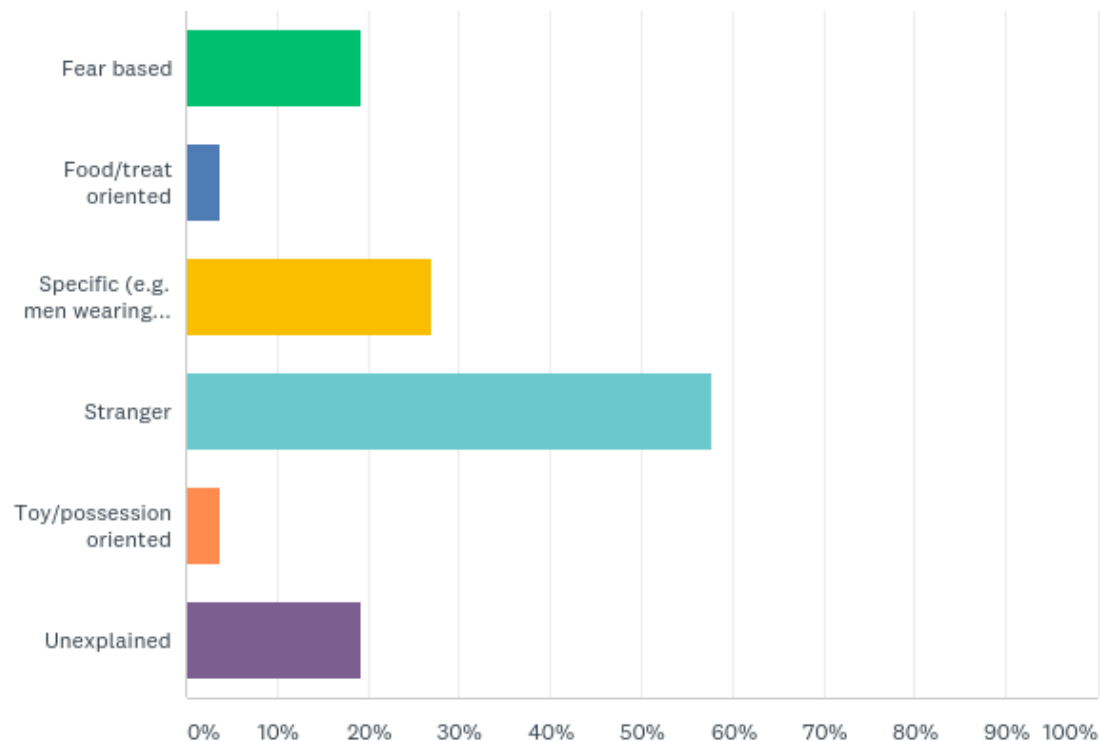
# What type of temperament issues does your Leonberger have?

Answered by 163 owners

	MILD	MODERATE	SEVERE	TOTAL
Dog aggression	60.94% 39	31.25% 20	7.81% 5	64
Aggression towards people	80.77% 21	19.23% 5	0.00% 0	26
Loud noise fear (e.g. thunderstorms, fireworks, etc.)	44.00% 22	42.00% 21	14.00% 7	50
High prey drive	30.00% 15	54.00% 27	16.00% 8	50
Shyness	67.27% 37	21.82% 12	10.91% 6	55
Separation anxiety (destructive behavior when left alone)	61.90% 13	33.33% 7	4.76% 1	21
Extreme anxiety	59.46% 22	29.73% 11	10.81% 4	37

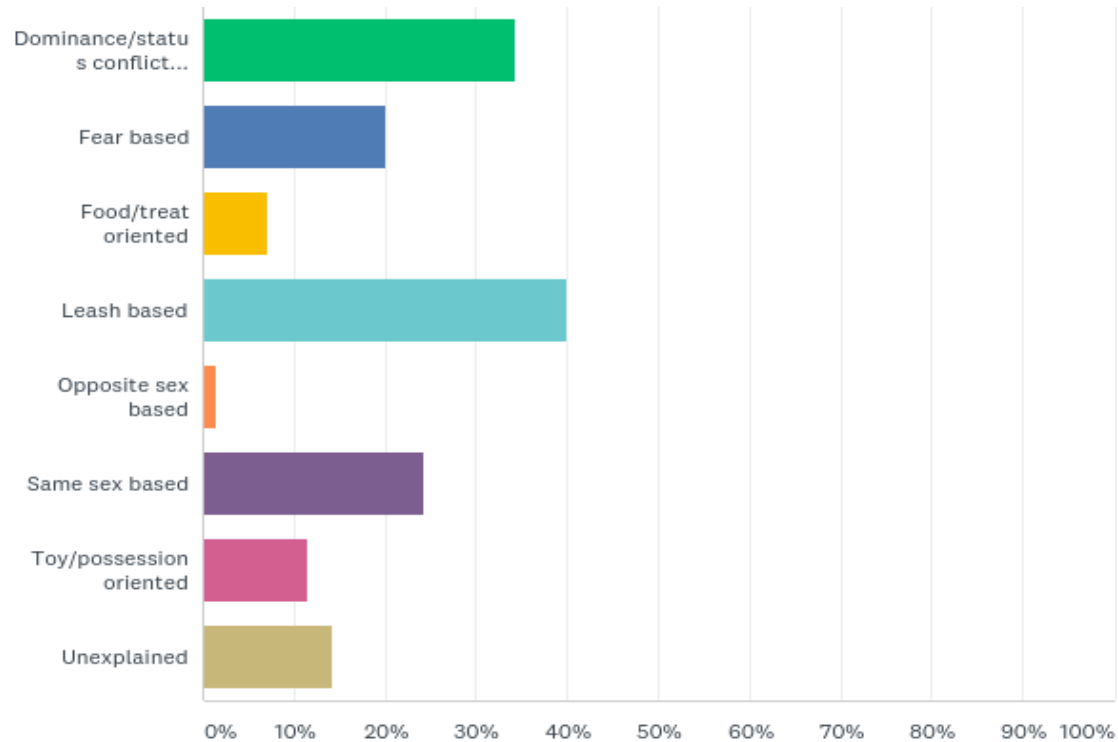
# If aggressive toward people, please specify type (check all that apply)

Answered by 26 owners.



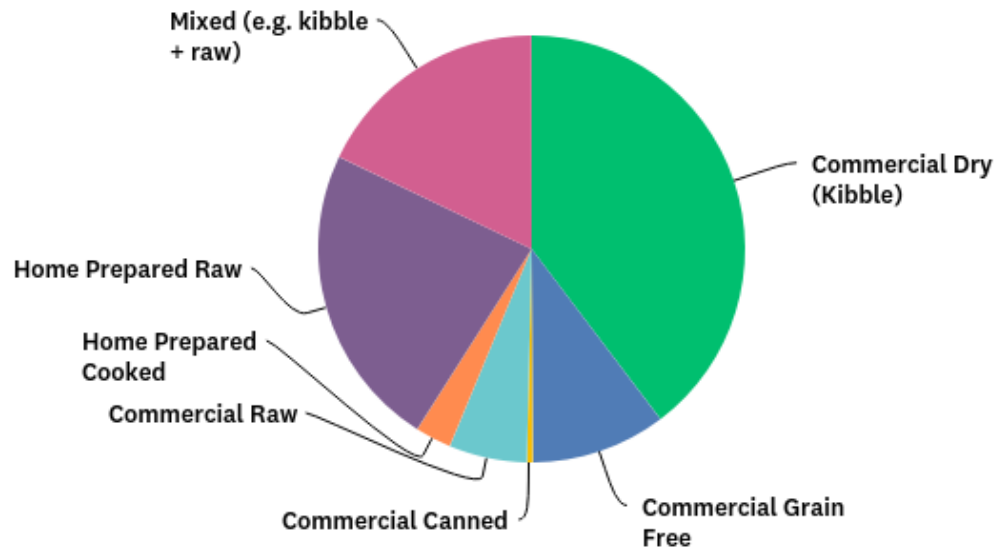
# If dog aggressive, please specify type (check all that apply)

Answered by 70 owners



# What is the primary diet of this Leonberger (choose only 1)?

Answered 693 Owners

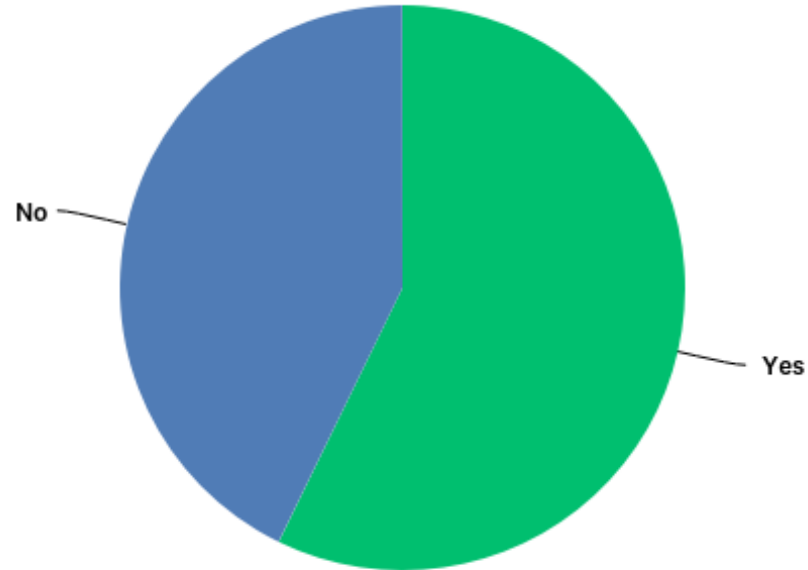


# Does this Leonberger receive supplements?

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Question completed by 706 owners.

57% answered "Yes" (n=404)





## This Leonberger received the following vaccinations as a baby puppy (check all that apply):

Question completed by 663 owners.

ANSWER CHOICES	RESPONSES	
Parvovirus	93.36%	619
Distemper	87.93%	583
Rabies	80.69%	535
Bordetella (kennel cough)	56.86%	377
Canine Adenovirus (CAV-2)	31.67%	210
Leptospirosis	55.51%	368
Coronavirus	25.04%	166
Influenza	32.43%	215
Canine Herpes Virus	13.42%	89
Total Respondents: 663		

# Please indicate subsequent vaccinations this Leonberger has had and how often each vaccine is administered:

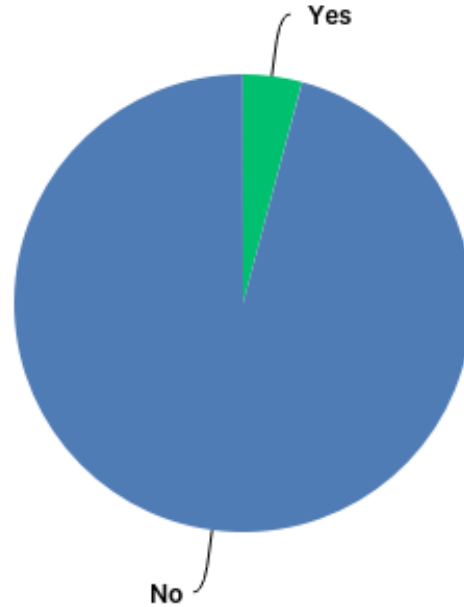
Question completed by 618 owners.

	ANNUALLY	AS NEEDED BASED ON TITERS	OTHER	TOTAL
Distemper	46.00% 207	29.78% 134	24.22% 109	450
Parvovirus	49.11% 221	25.78% 116	25.11% 113	450
Canine Adenovirus (CAV-2)	35.40% 57	34.78% 56	29.81% 48	161
Bordetella	62.60% 231	13.55% 50	23.85% 88	369
Leptospirosis	62.50% 215	13.08% 45	24.42% 84	344
Coronavirus	39.73% 58	32.19% 47	28.08% 41	146
Lyme disease	57.35% 78	15.44% 21	27.21% 37	136
Giardia	37.50% 30	25.00% 20	37.50% 30	80
Parainfluenza	43.33% 78	24.44% 44	32.22% 58	180
Influenza	58.70% 108	15.22% 28	26.09% 48	184
Rabies	36.43% 192	14.61% 77	48.96% 258	527

# Has this Leonberger ever had an adverse reaction to a vaccination?

Question completed by 696 owners.

4% answered "Yes" (n=29)

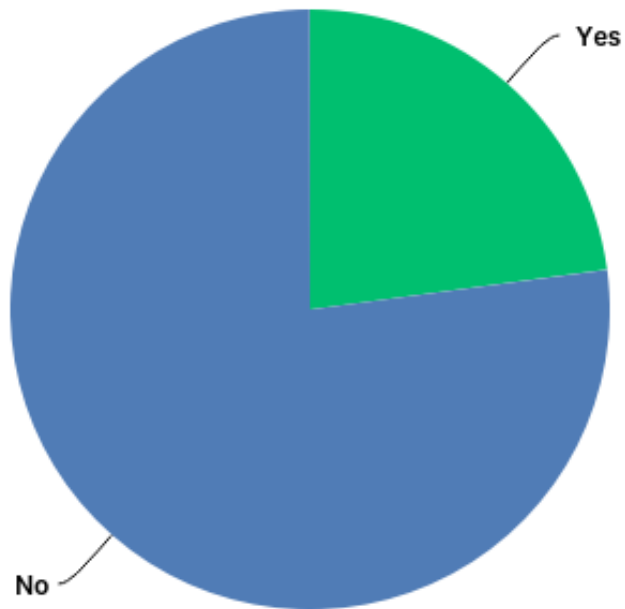


## Do you run titer tests on this Leonberger?

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Question completed by 673 owners.

23% answered "Yes" (n=154)



# Does this Leonberger receive any preventative treatments?

Answered by 589 Owners

