

UPDATE ON THE OFA HEALTH SURVEY: WHAT DOES IT MEAN IN 2019?

ABSTRACT

This study is an update of the 2016 study and was made based on the responses to the Orthopedic Foundation for Animals (OFA) health survey on the American Eskimo Dog. The raw data representing 927 individual American Eskimo Dogs were owner responses provided during the period January, 2014, to September, 2019.

The data set included the following populations:

Size: Owners provided size data on 877 AEDS, including 93 Toys (9 inches to 12 inches in height at the shoulder); 262 Miniatures (over 12 inches to 15 inches in height); 429 Standards (over 15 inches to 19 inches in height); 6 Eskies less than 9 inches in height; and 87 Eskies greater than 19 inches in height.

Sex: Owners provided data on 873 AEDS, including 421 males and 458 females.

Life Status: Owners provided data on 873 Eskies, including 590 living Eskies and 283 deceased Eskies.

The “Top Ten” categories of diseases in terms of the percent of affected Eskies (the percent of Eskies whose owners answered that the Eskie had the disorder compared to the number of owners who answered the particular question):

Cancer- 17.4%
Eye Disorders- 12.1%
Dental Disorders- 11.6%
Aggression/ Temperament Issues/ Disorders- 9.9%
Allergy-Related Disorders- 8.9%
Orthopedic Disorders- 8.7%
Gastrointestinal Disorders- 7.7%
Endocrine Disorders- 6.8%
Neurological/ Muscular Disorders- 6.1%
Skin Disorders- 5.8%

Within each category, the particular disease (does *not* include the choice “Other”) which was indicated by owners as being the most common includes (affected rates of incidence are based on the information provided by owners in this survey and may not reflect other available statistical rates):

Eye Disorders- **Senile Cataracts** accounted for 44.8% of all reported eye disorders, and affects 12.1% of all AEDs. (**pred-PRA** is second and accounts for 21.9% of all reported eye disorders and affects 2.6% of all AEDs.)

Aggression/ Temperament Disorders/ Issues- **Aggressive to People** accounted for 56.3% of all reported aggression/temperament disorders and issues and affects 5.6% of all AEDs.

Allergy-Related Disorders- **Seasonal Atopy (Inhalant)** accounted for 36.8% of all reported allergy-related disorders and affects 3.3% of all AEDs. (**Food allergy** was second and accounted for 30.3% of all reported allergy-related disorders and affects 2.7% of all AEDs.)

Orthopedic Disorders- **Arthritis** accounted for 40% of all reported orthopedic disorders and affects 3.5% of all AEDs. (**Hip dysplasia** accounted for 24% of all orthopedic-related disorders and affects 2.1% of all AEDs.)

Endocrine Disorders- **Diabetes Mellitus** accounted for 42.4% of all reported endocrine disorders and affects 2.9% of all AEDs.

Neurological/ Muscular Disorders- **Epilepsy** accounted for 35.8% of all reported neurological/ muscular disorders and affects 2.2% of all AEDs. (**Degenerative myelopathy** accounted for 5.7% of all neurological-related disorders and affects only 0.3% of all AEDs.)

INTRODUCTION

The American Eskimo Dog health survey is posted on the Orthopedic Foundation for Animals (OFA) website. Please use this link to access the survey:

http://www.offa.org/surveys/survey_ameskimo.html

The first step in evaluating the health of a breed is to determine what health concerns are either present or emerging within the breed. Discussions among breeders and a base-line health survey are the two best methods to make the initial determination. This survey is the first of its kind on the American Eskimo Dog and will serve in the future as the base-line survey against which other follow-up or more in-depth surveys may be compared.

The numbers provided in the tables are the actual reported data on the OFA survey page, even when the sum of the “Male” and “Female” numbers do not equal the “Total” number for the entry. The number of AEDs “missing” in section totals compared to the first row in Table 1 is fairly consistent, which may indicate that some owners tried to correct answers for one or more of their AEDs or they did not complete all answers to all questions for each AED.

The purpose of the numbers should be used to indicate diseases where breeders and owners should be concerned, and not taken as absolute numbers as to the actual rates of incidence of diseases within the gene pool.

OWNER PARTICIPATION

Table 1 presents the general information on owners who participated in this survey.

Table 1- Ownership Information	ALL	MALE	FEMALE
Number of individual AEDs in the survey	927 (100%)	421 (45.4%)	458 (49.3%)
	YES	NO	
Has Owner previously completed the survey for another Eskie(s)?	453 (48.9%)	425 (45.8%)	
Is Owner a member of the AEDCA?	72 (7.8%)	354 (38.2%)	

The true take-away info is the number of unique individual AEDs in this survey- 927 actual Eskies (not owners), of which 421 (45.4% of the total) were male and 458 (49.4% of the total) were female. A total of 48 Eskies (5.2%) had no sex identification. *(continued next page)*

AED INFORMATION

Table 2 presents the general information on the Eskies included in the survey.

Table 2. AED Information	ALL	MALE	FEMALE
Size of AED			
Toy	93	31	59
Miniature	262	106	155
Standard	429	222	205
Less than 9 inches	6	2	4
Greater than 19 inches	87	56	31
Total	877	417	454
Where AED was obtained			
Directly from a breeder	368	167	199
Bred it yourself	158	61	94
Breed rescue	112	59	53
Other	82	40	42
Shelter	77	53	24
Pet store	62	34	28
Online Breeder	23	6	17
Total	882	420	457
Overall health of the AED			
Excellent	557	266	287
Good	261	126	133
Fair	47	20	27
Poor	13	6	7
Total	878	418	454

A comparison of the totals of the size distribution in Table 2 for “Total”, “Male”, and “Female” (877, 417, and 454) do not agree with the numbers in the beginning of the survey in Table 1 (927, 421, and 458).

Owners of 877 AEDs provided answers regarding size: 93 were Toys (10.6%); 262 were Miniatures (29.9%); and 429 were Standards (48.9%). A total of 6 AEDs (0.7%) were reported being less than 9 inches, which is a disqualification under the AKC Breed Standard; but whether these are undersized adult Toys or young puppies, we do not know. A total of 87 AEDs (9.9%) were reported being more than 19 inches, which is also a disqualification under the AKC Breed Standard. Whether these Eskies are puppies or adults, they are oversized according to the Breed Standard.

Owners of 878 Eskies provided information on overall health: 557 Eskies (63.4%) as having Excellent health and 261 (29.7%) were described as Good. Only 47 (5.4%) and 13 (1.5%) were described as Fair and Poor, respectively. These anecdotal reports support claims that the AED is overall a healthy breed. An approximate even split between the health of males and females was also reported.

LIFE STATUS

Table 3 presents information on age of living and of death of the AEDs in the survey.

Table 3. Is AED living?	ALL	MALE	FEMALE
Is AED living?			
Yes	590	292	292
No	283	126	157
Total	873	418	449
Age of AED (living)			
Less than 6 months	8	2	6
6 months- 1 year	49	27	22
2- 4 years	120	57	59
5- 6 years	88	47	40
7- 9 years	157	78	78
10- 13 years	134	64	69
14 years	18	10	8
15 years and older	17	8	9
Total	591	293	291
Age at death			
Less than 6 months	2	1	1
6- 23 months	1	1	0
2- 4 years	5	2	3
5- 7 years	12	3	9
8- 10 years	36	18	18
11- 13 years	100	55	45
14 years and older	128	47	81
Total	284	127	157

Of the 875 Eskies with life status, owners reported that of 591 (67.5%) were living and 284 (32.5%) Eskies were deceased. The breakdown of ages of living Eskies is not valuable because the age breaks are not equal. However, the age at death validates the belief that the American Eskimo Dog is a healthy breed: 128 Eskies (45.1% of all deceased Eskies) passed at 14 years of age or older.

CAUSE OF DEATH

Table 4 presents information on the cause of death.

Table 4. Cause of death.	ALL	MALE	FEMALE
Cancer	95	38	57
Non-specific old age-related	70	31	39
Other chronic disease	63	27	36
Other	61	29	32
Acute disease	11	3	8
Trauma	5	2	3
Infectious disease	2	1	1
Total	307	131	176

Please note that 307 causes of death were provided by owners, yet only 284 Eskies were reported as deceased. When known, the leading cause of death is cancer 95 Eskies (30.9% of all deaths). Non-specific old age is second with 70 Eskies (22.8%). This cause likely includes some cancer which was not diagnosed. Chronic disease was the cause of death for another 63 Eskies (20.5%) and includes cardiac and neurologic disorders.

SPAY/NEUTER STATUS

Table 5 presents information on spay/neuter status and age of alteration.

Table 5. Age of spay/neuter.	ALL	MALE	FEMALE
AED is spayed/neutered			
Yes	657	310	344
No	222	108	111
Total	879	418	455
Age AED was spayed/neutered			
Less than 6 months	158	77	81
6- 18 months	221	112	109
19- 24 months	48	32	15
2- 5 years	88	42	45
6 years and older	112	32	78
Total	627	295	328

REACTION TO PREVENTIVE TREATMENTS AND VACCINES

Table 6 presents the responses for reaction to flea and tick prevention, heartworm prevention, and vaccines.

Table 6. Reactions to flea/tick prevention, heartworm prevention, and vaccines.	ALL	MALE	FEMALE
Adverse reaction to flea/tick prevention?			
No Reaction	565	265	295
Localized Reaction	22	11	11
Systemic Reaction	15	6	9
Total	602	282	315
Adverse reaction to heartworm prevention?			
No Reaction	641	311	325
Localized Reaction	6	2	4
Systemic Reaction	1	1	0
Total	648	314	329
Adverse reaction to vaccines?			
No Reaction	680	322	352
Localized Reaction	20	10	10
Systemic Reaction	21	8	13
Total	721	340	375

Table 5 totals for each question do not add up to the total number of Eskies in the survey. One explanation for this discrepancy is that some owners do not give flea and tick prevention and heartworm prevention; and some do not give vaccines. In some parts of the country, these are acceptable practices. If the climate is too cold for fleas, ticks, and mosquitos, then the Eskies do not require prevention. However, vaccines, especially core vaccines, should be administered to all Eskies.

Approximately 6% of Eskies appear to have reactions to flea and tick prevention and to vaccines. While this is a small number, it is significant, especially since such reactions can be life-threatening.
(continued next page)

HEALTH SCREENINGS

Table 7, on the next two pages, summarizes the number of Eskies which have received health screenings. Results for all OFA exams for AEDs may be found on the OFA webpage.

Table 7. Health Screenings.	ALL	MALE	FEMALE
Has the Eskie had an OFA exam for Hip Dysplasia?			
Yes	189	66	119
No	692	352	337
Total	881	418	456
Has the Eskie had a Hip Dysplasia exam by another entity?			
Yes	36	20	16
No	827	393	427
Total	863	413	443
Has the Eskie had an OFA exam for Elbow Dysplasia?			
Yes	60	24	35
No	812	391	415
Total	872	415	450
Has the Eskie had an OFA exam for Patellar Luxation?			
Yes	134	59	70
No	833	400	428
Total	967	459	498
Has the Eskie had an OFA exam for thyroid disorders?			
Yes	41	18	23
No	833	400	438
Total	874	418	461
Has the Eskie had an OFA/ CERF eye exam?			
Yes	205	87	116
No	660	322	334
Total	865	409	450
Has the Eskie had a DNA PRA test?			
Yes	209	86	114
No	671	329	339
Total	880	415	453

Has the Eskie had a DNA test for Degenerative Myelopathy (DM)?			
Yes	31	10	20
No	842	406	431
Total	873	416	451

A total of 189 Eskies (21.5%) have had an OFA Hip Dysplasia (HD) exam; however, as of December 31, 2018, the OFA has evaluated 1,169 Eskies. Another 36 Eskies have had HD exams by another entity.

A total of 60 Eskies (6.9%) have had an OFA exam for Elbow Dysplasia; however, as of December 31, 2019, the OFA has results for 169 Eskies. This disease is not presently considered a concern for breeders because only 1 Eskie was evaluated as abnormal.

Additionally, owner-provided information in Table 7 does not match records in the OFA disease databases:

- 134 Eskies (13.9%) of respondent Eskies have had an OFA Patellar Luxation exam; however as of December 31, 2018, the OFA has results on 142 Eskies.
- 41 Eskies (4.7%) were reported as having an OFA exam for Thyroid disorders; however, as of December 31, 2018, only 7 Eskies are listed in the OFA Thyroid Registry.
- 205 Eskies (23.7%) of respondent Eskies have had an OFA or CERF eye exam; however, as of December 31, 2018, the OFA shows evaluations on 141 Eskies
- 209 Eskies (23.8%) were reported in the Health Survey as having a DNA prcd-PRA test; however, as of December 31, 2018, only 79 Eskies are listed in the OFA DNA Registry for prcd-PRA.
- 31 Eskies (3.6%) in the respondent population have been tested for Degenerative Myelopathy (DM); however, as of December 31, 2018, the OFA has results on 45 Eskies.

OVERALL DISORDER SUMMARY

Table 8 (next page) presents a summary by the “section” of disorder in the survey. The Table Number corresponds to the Table in this paper where more information is presented. The total number of Eskies marked as being diagnosed with each disease are shown, along with the total number of Eskies whose owners responded to the question. Please note that the total numbers vary from disease to disease. Also presented are the disease in each category/section which had the highest number of positive responses along with the percentage of Eskies affected by that disease for each category.

Table 8. Overall Disorder Summary

DISORDER CATEGORY	TABLE NO.	NUMBER AFFECTED ESKIES	TOTAL NUMBER ESKIES	% OF ALL ESKIES AFFECT	TOP DISEASE	NO. AFFECT BY TOP DISEASE	% OF AFFECTED
Cancer	9	152	875	17.4%	“Other Cancer”	46	30.3% of all cancers
Gastrointestinal	10	67	870	7.7%	“Other GI”	26	38.8% of all GI diseases
Cardiac	11	34	837	4.1%	Heart Murmur	20	58.8% of all cardiac diseases; affects 2.4% of all AEDs
Respiratory	11	24	869	2.8%	“Other”	11	45.8% of all respiratory diseases

Eye	12	105	869	12.1%	Senile Cataracts	47	44.8% of all eye diseases; affects 12.1% of all AEDs
Ear	13	21	858	2.4%	Bilateral Deafness	11	52.4% of all ear diseases; affects 1.3% of all AEDs
Neurological/ Muscular	14	53	864	6.1%	Epilepsy	19	35.8% of all neurological/ muscular diseases; affects 2.2% of all AEDs
Skin	15	50	869	5.8%	“Other”	12	24% of all skin conditions
Liver	16	31	870	3.6%	“Other”	13	41.9% of all liver diseases
Orthopedic	17	75	858	8.7%	Arthritis	30	40% of all orthopedic diseases; affects 3.5% of all AEDs
Blood/ Lymph	18	19	862	2.2%	“Other”	9	47.4% of all blood/lymph diseases
Endocrine	19	59	867	6.8%	Diabetes Mellitus	25	42.4% of all endocrine diseases; affects 2.9% of all AEDs
Kidney	20	44	865	5.1%	“Other”	15	34.1% of all kidney diseases
Dental	22	100	864	11.6%	“Other”	43	43% of all dental conditions
Allergy-Related	23	76	856	8.9%	Atopy (Inhalant), Seasonal	28	43% of all allergy-related conditions; affects 3.3% of all AEDs
Immune System	24	22	805	2.7%	“Other”	6	27.3% of all immune system diseases
Aggress/Temp.	25	87	876	9.9%	Aggressive to People	49	56.3% of all aggress/temp. conditions; affects 5.6% of all AEDs
Reproductive	21	29	861				

	Dogs	12	407	2.9%	Monorchid/ Cryptorchid	8	66.6% of all dog repro conditions; affects 2% of all male AEDs
	Bitches	17	447	3.8%	Pyometra	7	41.2% of all bitch repro; affects 1.6% of all female AEDs conditions

With so much information, how can breeders and owners determine what should be of concern to them?

We can rank the “Top Ten” categories of diseases in terms of the percent of affected Eskies:

- Cancer- 17.4%
- Eye Disorders- 12.1%
- Dental Disorders- 11.6%
- Aggression/ Temperament Issues/ Disorders- 9.9%
- Allergy-Related Disorders- 8.9%
- Orthopedic Disorders- 8.7%
- Gastrointestinal Disorders- 7.7%
- Endocrine Disorders- 6.8%
- Neurological/ Muscular Disorders- 6.1%
- Skin Disorders- 5.8%

Within each category of disorders, owners selected from a list of diseases, and almost all categories had “Other” as a final choice and was used when nothing else in the category fit the condition that a particular Eskie had. However, “Other” is not a disease; so it cannot be given a disease status. No one knows if “Other” is one disease or more, and which of the various possible other disease or condition that a given Eskie has. The disease within each category which was indicated by owners as being the most common includes:

- Eye Disorders- **Senile Cataracts** accounted for 44.8% of all reported eye disorders and based on this survey affects 12.1% of all AEDs. **prcd-PRA** accounted for 21.9% of all reported eye diseases and affects 2.6% of all AEDs.
- Aggression/ Temperament Disorders/ Issues- **Aggressive to People** accounted for 56.3% of all reported aggression/temperament disorders and issues, and based on this survey affects 5.6% of all AEDs.
- Allergy-Related Disorders- **Seasonal Atopy (Inhalant)** accounted for 36.8% of all reported allergy-related disorders, and based on this survey affects 3.3% of all AEDs. **Food Allergies** accounted for 30.3% of all reported allergy-related disorders and affects 2.7% of all AEDs.
- Orthopedic Disorders- **Arthritis** accounted for 46% of all reported orthopedic disorders and based on this affects 3.5% of all AEDs. **Hip Dysplasia** accounted for 24% of all reported orthopedic disorders and affects 2.1% of all AEDs.
- Endocrine Disorders- **Diabetes Mellitus** accounted for 42.4% of all reported endocrine disorders and based on this survey affects 2.9% of all AEDs.
- Neurological/ Muscular Disorders- **Epilepsy** accounted for 35.8% of all reported neurological/ muscular disorders and affects 2.2% of all AEDs. **Degenerative Myelopathy** accounted for 5.7% of all neurological / muscular disorders and affects only 0.3% of all AEDs.

The following tables are summarized by the top-ranked disorders in each category, and all data pertaining to age of onset, diagnosis, etc., is not provided in this paper.

CANCER

Table 9, which continues on the next page, presents information pertaining to cancer in the AED.

Table 9. Cancer Diagnosis Information.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with cancer/tumors?			
Yes	152	60	90
No	723	354	363
Total	875	414	453
What type of cancer was this Eskie diagnosed with?			
Other Cancer	46	20	26

GASTROINTESTINAL DISORDERS

Table 10 presents information pertaining to gastrointestinal disorders in the AED.

Table 10. Gastrointestinal Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with gastrointestinal disorders?			
Yes	67	33	34
No	803	380	416
Total	870	413	450
What type(s) of GI problems has this Eskie had?			
Other	26	10	16

CARDIOVASCULAR AND RESPIRATORY DISORDERS

Table 11 presents information pertaining to cardiac and respiratory disorders in the Eskie.

Table 11. Cardiovascular Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with cardiac disorders?			
Yes	34	12	22
No	803	380	416
Total	837	392	438
What type(s) of cardiac disorders has this Eskie had?			
Heart Murmur	20	7	13

EYE DISORDERS

Table 12 presents information pertaining to eye disorders in the Eskie.

Table 12. Eye Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with eye disorders?			
Yes	105	46	58
No	764	364	393
Total	869	410	451
What type(s) of eye disorders has this Eskie had?			
Cataracts, Senile	47	22	24
Progressive Retinal Atrophy (PRA)	23	15	8

EAR DISORDERS

Table 13 presents information pertaining to ear disorders in the Eskie.

Table 13. Ear Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with ear disorders?			
Yes	21	9	12
No	837	399	432
Total	858	408	444
What type(s) of ear disorders has this Eskie had?			
Deafness, Bilateral	11	5	6

NEUROLOGICAL/ MUSCULAR DISORDERS

Table 14 presents information pertaining to neurological and muscular disorders in the Eskie.

Table 14. Neurological/ muscular disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with neurological or muscular disorders?			
Yes	53	24	29
No	811	387	418
Total	864	411	447
What type(s) of neurological or muscular disorders has this Eskie had?			
Epilepsy	19	9	10
Degenerative Myelopathy (DM)	3	0	3

SKIN DISORDERS

Table 15 presents information pertaining to skin disorders in the Eskie.

Table 15. Skin Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with skin disorders?			
Yes	50	23	27
No	819	392	420
Total	869	415	447
What type(s) of skin disorders has this Eskie had?			
Other	12	5	7

LIVER DISORDERS

Table 16 presents information pertaining to liver disorders in the Eskie.

Table 16. Liver Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with liver disorders?			
Yes	31	10	21
No	839	404	428
Total	870	414	449
What type(s) of liver disorders has this Eskie had?			
Other	21	8	13

ORTHOPEDIC DISORDERS

Table 17 presents information pertaining to orthopedic disorders in the Eskie.

Table 17. Orthopedic Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with orthopedic disorders?			
Yes	75	32	42
No	783	377	400
Total	858	409	442
What type(s) of orthopedic disorders has this Eskie had?			
Arthritis	30	14	16
Hip Dysplasia (HD)	18	8	10

BLOOD/ LYMPH DISORDERS

Table 18 presents information pertaining to blood and lymph disorders in the Eskie.

Table 18. Blood/ Lymph Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with blood/lymph disorders?			
Yes	19	7	12
No	843	403	434
Total	862	410	446
What type(s) of blood/lymph disorders has this Eskie had?			
Other	9	2	7

ENDOCRINE DISORDERS

Table 19 presents information pertaining to endocrine disorders in the Eskie.

Table 19. Endocrine Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with endocrine disorders?			
Yes	59	26	33
No	808	387	414
Total	867	413	447
What type(s) of endocrine disorders has this Eskie had?			
Diabetes Mellitus	25	14	11

KIDNEY DISORDERS

Table 20 presents information pertaining to kidney disorders in the Eskie.

Table 20. Kidney Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with kidney disorders?			
Yes	44	15	29
No	821	395	419
Total	865	410	448
What type(s) of kidney disorders has this Eskie had?			
Other	15	5	10

REPRODUCTIVE DISORDERS

Table 21 presents information pertaining to reproductive disorders in the Eskie.

Table 21. Reproductive Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with reproductive disorders?			
Yes	29	12	17
No	832	395	430
Total	861	407	447
What type(s) of reproductive disorders has this Eskie had?			
Cryptorchidism/ Monorchidism	8	8	—
Pyometra	7	—	7

DENTAL DISORDERS

Table 22 presents information pertaining to dental disorders in the Eskie.

Table 22. Dental Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with dental disorders?			
Yes	100	48	52
No	764	364	393
Total	864	412	445
What type(s) of dental disorders has this Eskie had?			
Other	43	22	21

ALLERGY-RELATED DISORDERS

Table 23 presents information pertaining to allergy-related disorders in the Eskie.

Table 23. Allergy-Related Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with allergy-related disorders?			
Yes	76	32	44
No	783	378	399
Total	856	410	443
What type(s) of allergy-related disorders has this Eskie had?			
Atopy (Inhalant), Seasonal	28	12	16
Food Allergies	23	12	11

IMMUNE SYSTEM DISORDERS

Table 24 presents information pertaining to immune system disorders in the Eskie.

Table 24. Immune System Disorders.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with immune system disorders?			
Yes	22	9	13
No	783	378	399
Total	805	387	412
What type(s) of immune system disorders has this Eskie had?			
Other	6	4	2

AGGRESSION/ TEMPERAMENT DISORDERS/ ISSUES

Table 25 presents information pertaining to aggression/ temperament disorders and issues in the Eskie.

Table 25. Aggression/ Temperament Disorders/ Issues.	ALL	MALE	FEMALE
Has this Eskie been diagnosed with aggression or temperament disorders or issues?			
Yes	87	53	33
No	789	365	417
Total	876	418	450
What type(s) of aggression or temperament disorders or issues has this Eskie had?			
Aggressive To People	49	34	14