

**Greater Swiss Mountain Dog - living 2013 till present time****All Responding  
726****Males only  
338****Females only  
361**New or Repeat User of Survey*Have you taken this survey previously for another dog or dogs?*

N	456 (62.8%)
Y	250 (34.4%)

Owner Information*How many Greater Swiss Mountain Dogs do you currently own?*

1 TO 3	416 (57.3%)
4 TO 6	31 (4.3%)
7 TO 10	8 (1.1%)
11 TO 15	1 (0.1%)

*How many years have you owned Greater Swiss Mountain Dogs?*

5 TO 10 YEARS	115 (15.8%)
10 TO 15 YEARS	84 (11.6%)
1 TO 3 YEARS	83 (11.4%)
3 TO 5 YEARS	69 (9.5%)
OVER 15 YEARS	55 (7.6%)
LESS THAN 1 YEAR	28 (3.9%)

*Where did you obtain your Greater Swiss Mountain Dogs?*

DIRECTLY FROM A BREEDER	413 (56.9%)
BRED IT YOURSELF	55 (7.6%)
ONLINE BREEDER	9 (1.2%)
BREED RESCUE	9 (1.2%)
OTHER	7 (1%)
SHELTER	2 (0.3%)
PET STORE	1 (0.1%)

*Are you a member of the Greater Swiss Mountain Dog Club of America?*

Y	222 (30.6%)
N	208 (28.7%)

*What activities are you interested in?*

PET/COMPANION	319 (43.9%)
PACKING/HIKING	209 (28.8%)
CARTING	168 (23.1%)
OBEDIENCE	166 (22.9%)
CONFORMATION SHOWING	163 (22.5%)
THERAPY/ASSISTANCE	122 (16.8%)
WEIGHT PULL	97 (13.4%)
BREEDING	95 (13.1%)
RALLY	88 (12.1%)
HERDING	87 (12%)
AGILITY	78 (10.7%)
TRACKING/NOSEWORK	43 (5.9%)
SEARCH AND RESCUE/TRAILING	14 (1.9%)

Dog Information*What sex is this dog?*

FEMALE	361 (49.7%)	0 (0%)	361 (100%)
MALE	338 (46.6%)	338 (100%)	0 (0%)
<i>Is this dog Living?</i>			
Y	599 (82.5%)	287 (84.9%)	311 (86.1%)
N	97 (13.4%)	50 (14.8%)	46 (12.7%)
<i>What is the overall health of this dog?</i>			
EXCELLENT	411 (56.6%)	195 (57.7%)	215 (59.6%)
GOOD	198 (27.3%)	98 (29%)	99 (27.4%)
FAIR	57 (7.9%)	25 (7.4%)	32 (8.9%)
POOR	12 (1.7%)	8 (2.4%)	4 (1.1%)
BAD	12 (1.7%)	9 (2.7%)	3 (0.8%)
<i>Does this dog have any of the following colorings?</i>			
AGOUTI COAT (BANDED COAT)	40 (5.5%)	14 (4.1%)	26 (7.2%)
RED/BROWN COAT MAIN COLOR	24 (3.3%)	11 (3.3%)	13 (3.6%)
UNILATERAL BLUE EYE	5 (0.7%)	3 (0.9%)	2 (0.6%)
BLUE COAT MAIN COLOR	4 (0.6%)	0 (0%)	4 (1.1%)
BILATERAL BLUE EYE	3 (0.4%)	1 (0.3%)	2 (0.6%)
<i>Has this dog had significant health problems?</i>			
N	474 (65.3%)	218 (64.5%)	255 (70.6%)
Y	196 (27%)	108 (32%)	88 (24.4%)
<i>Is this dog on flea preventative?</i>			
Y	434 (59.8%)	216 (63.9%)	218 (60.4%)
N	247 (34%)	115 (34%)	131 (36.3%)
<i>Is this dog on a tick preventative?</i>			
Y	406 (55.9%)	204 (60.4%)	201 (55.7%)
N	272 (37.5%)	126 (37.3%)	145 (40.2%)
<i>Is this dog on heartworm prevention?</i>			
Y	497 (68.5%)	256 (75.7%)	239 (66.2%)
N	177 (24.4%)	69 (20.4%)	108 (29.9%)
<i>Is this dog given vaccinations?</i>			
Y	638 (87.9%)	310 (91.7%)	326 (90.3%)
N	50 (6.9%)	24 (7.1%)	26 (7.2%)
<i>Has this dog had adverse reaction(s) to any vaccination?</i>			
N	636 (87.6%)	308 (91.1%)	326 (90.3%)
Y	27 (3.7%)	13 (3.8%)	14 (3.9%)
<i>Do you run titers on this dog?</i>			
N	503 (69.3%)	255 (75.4%)	248 (68.7%)
Y	157 (21.6%)	65 (19.2%)	90 (24.9%)
<i>Has this dog had an adverse reaction to anesthesia?</i>			
N	635 (87.5%)	306 (90.5%)	327 (90.6%)
Y	20 (2.8%)	14 (4.1%)	6 (1.7%)
<i>Has this dog had a Prophylactic gastropexy?</i>			

N	477 (65.7%)	252 (74.6%)	223 (61.8%)
Y	198 (27.3%)	72 (21.3%)	126 (34.9%)
<i>Has this dog had a splenectomy?</i>			
N	599 (82.5%)	288 (85.2%)	309 (85.6%)
Y	65 (9%)	32 (9.5%)	33 (9.1%)
<i>What type(s) of food does this dog eat?</i>			
DRY FOOD, GENERAL	436 (60.1%)	211 (62.4%)	223 (61.8%)
DRY FOOD, GRAIN FREE	178 (24.5%)	87 (25.7%)	90 (24.9%)
RAW FOOD, BARF (BONES & RAW FOOD)	72 (9.9%)	30 (8.9%)	42 (11.6%)
HOME COOKED, PROTEIN AND GRAIN	54 (7.4%)	17 (5%)	37 (10.2%)
CANNED FOOD, GENERAL	44 (6.1%)	25 (7.4%)	19 (5.3%)
RAW FOOD, PREY MODEL	42 (5.8%)	18 (5.3%)	24 (6.6%)
RAW FOOD, COMMERCIALY PREPARED	42 (5.8%)	22 (6.5%)	20 (5.5%)
HOME COOKED, PROTEIN ONLY	23 (3.2%)	16 (4.7%)	7 (1.9%)
CANNED FOOD, GRAIN FREE	18 (2.5%)	10 (3%)	8 (2.2%)
<u>Dog Information Followup</u>			
<i>How old is this dog?</i>			
4 YEARS	80 (11%)	30 (8.9%)	50 (13.9%)
2 YEARS	71 (9.8%)	33 (9.8%)	38 (10.5%)
3 YEARS	63 (8.7%)	40 (11.8%)	22 (6.1%)
6 YEARS	58 (8%)	37 (10.9%)	21 (5.8%)
5 YEARS	50 (6.9%)	27 (8%)	23 (6.4%)
1 YEAR	47 (6.5%)	28 (8.3%)	19 (5.3%)
10+	46 (6.3%)	11 (3.3%)	35 (9.7%)
9 YEARS	36 (5%)	15 (4.4%)	21 (5.8%)
8 YEARS	36 (5%)	14 (4.1%)	22 (6.1%)
6-12 MONTHS	36 (5%)	19 (5.6%)	17 (4.7%)
7 YEARS	35 (4.8%)	13 (3.8%)	22 (6.1%)
0-6 MONTHS	17 (2.3%)	5 (1.5%)	12 (3.3%)
<i>At what age did this dog die?</i>			
10+	42 (5.8%)	19 (5.6%)	22 (6.1%)
9 YEARS	10 (1.4%)	6 (1.8%)	4 (1.1%)
7 YEARS	9 (1.2%)	5 (1.5%)	4 (1.1%)
4 YEARS	7 (1%)	3 (0.9%)	4 (1.1%)
8 YEARS	6 (0.8%)	4 (1.2%)	2 (0.6%)
5 YEARS	6 (0.8%)	4 (1.2%)	2 (0.6%)
6 YEARS	5 (0.7%)	2 (0.6%)	3 (0.8%)
3 YEARS	3 (0.4%)	3 (0.9%)	0 (0%)
2 YEARS	3 (0.4%)	2 (0.6%)	1 (0.3%)
6-12 MONTHS	2 (0.3%)	1 (0.3%)	1 (0.3%)
1 YEAR	1 (0.1%)	0 (0%)	1 (0.3%)
<i>Was a necropsy performed?</i>			
N	84 (11.6%)	45 (13.3%)	38 (10.5%)
Y	9 (1.2%)	4 (1.2%)	5 (1.4%)
<i>Was this dog euthanized?</i>			
Y	75 (10.3%)	43 (12.7%)	31 (8.6%)

N	18 (2.5%)	6 (1.8%)	12 (3.3%)
<i>Is this male dog neutered?</i>			
N	166 (22.9%)	166 (49.1%)	0 (0%)
Y	129 (17.8%)	129 (38.2%)	0 (0%)
<i>Is this female dog spayed?</i>			
Y	186 (25.6%)	0 (0%)	186 (51.5%)
N	152 (20.9%)	0 (0%)	152 (42.1%)
<u>Health and treatments followup</u>			
<i>At what age did this dog begin to have significant health issues?</i>			
FROM 5 TO 10 YEARS OF AGE	59 (8.1%)	34 (10.1%)	25 (6.9%)
FROM 2 TO 5 YEARS OF AGE	51 (7%)	33 (9.8%)	18 (5%)
BETWEEN 6 MONTHS AND 2 YEARS	43 (5.9%)	24 (7.1%)	19 (5.3%)
OVER 10 YEARS OF AGE	15 (2.1%)	2 (0.6%)	13 (3.6%)
0-6 MONTHS	15 (2.1%)	10 (3%)	5 (1.4%)
<i>Has this dog had an adverse reaction to flea prevention?</i>			
N	381 (52.5%)	181 (53.6%)	200 (55.4%)
Y	10 (1.4%)	8 (2.4%)	2 (0.6%)
<i>Has this dog had an adverse reaction to tick prevention?</i>			
N	352 (48.5%)	167 (49.4%)	184 (51%)
Y	9 (1.2%)	9 (2.7%)	0 (0%)
<i>What vaccinations has this dog had?</i>			
RABIES	544 (74.9%)	262 (77.5%)	280 (77.6%)
BORDETELLA	438 (60.3%)	220 (65.1%)	217 (60.1%)
DHPP (DISTEMPER, HEPATITIS, PARVOVIRUS, PARAINFLUENZA)	423 (58.3%)	214 (63.3%)	208 (57.6%)
LEPTOSPIROSIS	233 (32.1%)	120 (35.5%)	112 (31%)
5-WAY (DISTEMPER, HEPATITIS, ADENOVIRUS, PARAINFLUENZA, PARVOVIRUS)	215 (29.6%)	91 (26.9%)	124 (34.3%)
LYME	133 (18.3%)	84 (24.9%)	48 (13.3%)
CORONAVIRUS	103 (14.2%)	55 (16.3%)	47 (13%)
PUPPY SERIES ONLY	59 (8.1%)	25 (7.4%)	33 (9.1%)
OTHER	27 (3.7%)	15 (4.4%)	12 (3.3%)
NOSODES	6 (0.8%)	4 (1.2%)	2 (0.6%)
NO REGULAR VACCINATIONS	2 (0.3%)	0 (0%)	2 (0.6%)
<i>How frequently is this dog vaccinated?</i>			
YEARLY	301 (41.5%)	171 (50.6%)	130 (36%)
EVERY 3 YEARS	152 (20.9%)	65 (19.2%)	87 (24.1%)
ONLY WHEN TITERS INDICATE A NEED	90 (12.4%)	27 (8%)	61 (16.9%)
EVERY OTHER YEAR	26 (3.6%)	11 (3.3%)	15 (4.2%)
<i>If you do run titres, how often do you run them?</i>			
YEARLY	11 (1.5%)	6 (1.8%)	5 (1.4%)
EVERY TWO YEARS	7 (1%)	3 (0.9%)	4 (1.1%)
OTHER TITRE SCHEDULE	6 (0.8%)	5 (1.5%)	1 (0.3%)

*Please describe the adverse reaction(s) your dog has had to vaccinations*

SYSTEMIC REACTION (FEVER, LETHARGY, WEAKNESS, LACK OF APPETITE)	8 (1.1%)	2 (0.6%)	6 (1.7%)
LOCAL REACTION (SWELLING, ITCHING, SKIN SENSITIVITY)	8 (1.1%)	6 (1.8%)	2 (0.6%)
URITICARIA (SKIN RASH/HIVES)	3 (0.4%)	2 (0.6%)	1 (0.3%)
SEIZURE WITHIN 24 HOURS OF VACCINATION	3 (0.4%)	3 (0.9%)	0 (0%)
LONG TERM AUTOIMMUNE ISSUES	1 (0.1%)	0 (0%)	1 (0.3%)
ANAPHYLAXIS	1 (0.1%)	0 (0%)	1 (0.3%)

*Was anesthesia given for a routine procedure?*

Y	14 (1.9%)	8 (2.4%)	6 (1.7%)
N	4 (0.6%)	4 (1.2%)	0 (0%)

*Was anesthesia given for a life-saving procedure?*

N	11 (1.5%)	6 (1.8%)	5 (1.4%)
Y	7 (1%)	6 (1.8%)	1 (0.3%)

*What type of adverse reaction did this dog have?*

DIFFICULTY WAKING UP FROM PROCEDURE	8 (1.1%)	4 (1.2%)	4 (1.1%)
ABNORMAL BEHAVIOR (VOMITING, DIFFICULTY WALKING, DECREASED APPETITE, ETC.)	4 (0.6%)	2 (0.6%)	2 (0.6%)
SEIZURE POST ANESTHESIA	3 (0.4%)	3 (0.9%)	0 (0%)
DEATH FROM ANESTHESIA	1 (0.1%)	1 (0.3%)	0 (0%)
CARDIAC ARREST	1 (0.1%)	1 (0.3%)	0 (0%)
ASPIRATION OR AIRWAY OBSTRUCTION	1 (0.1%)	1 (0.3%)	0 (0%)

*What anesthetic drugs were given?*

PROPOFOL	4 (0.6%)	3 (0.9%)	1 (0.3%)
INHALATION AGENTS (ISOFLUARNE, HALOTHANE, SEVOFLURANE OR DESFLURANE)	3 (0.4%)	2 (0.6%)	1 (0.3%)
OPIOIDS	1 (0.1%)	1 (0.3%)	0 (0%)
MEDETOMIDINE	1 (0.1%)	1 (0.3%)	0 (0%)
KETAMINE	1 (0.1%)	1 (0.3%)	0 (0%)

*At what age was this male dog neutered?*

1 TO 2 YEARS OF AGE	59 (8.1%)	59 (17.5%)	0 (0%)
2 TO 5 YEARS OF AGE	34 (4.7%)	34 (10.1%)	0 (0%)
OVER 5 YEARS OF AGE	17 (2.3%)	17 (5%)	0 (0%)
6-12 MONTHS	9 (1.2%)	9 (2.7%)	0 (0%)
0-6 MONTHS	4 (0.6%)	4 (1.2%)	0 (0%)

*At what time in her cycle was this female spayed?*

AFTER TWO OR MORE HEAT CYCLES	107 (14.7%)	0 (0%)	107 (29.6%)
AFTER FIRST HEAT CYCLE	46 (6.3%)	0 (0%)	46 (12.7%)
BEFORE FIRST HEAT CYCLE	24 (3.3%)	0 (0%)	24 (6.6%)

*At what age was this female spayed?*

2 YEARS	44 (6.1%)	0 (0%)	44 (12.2%)
1 YEAR	33 (4.5%)	0 (0%)	33 (9.1%)
6-12 MONTHS	27 (3.7%)	0 (0%)	27 (7.5%)
6 YEARS	19 (2.6%)	0 (0%)	19 (5.3%)
5 YEARS	15 (2.1%)	0 (0%)	15 (4.2%)
7 YEARS	13 (1.8%)	0 (0%)	13 (3.6%)
4 YEARS	9 (1.2%)	0 (0%)	9 (2.5%)
3 YEARS	9 (1.2%)	0 (0%)	9 (2.5%)
10+	4 (0.6%)	0 (0%)	4 (1.1%)
0-6 MONTHS	4 (0.6%)	0 (0%)	4 (1.1%)
8 YEARS	3 (0.4%)	0 (0%)	3 (0.8%)
9 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)

### Genetic Health testing questions

*Has this dog had an OFA Cardiac exam?*

N	537 (74%)	264 (78.1%)	273 (75.6%)
Y	82 (11.3%)	33 (9.8%)	48 (13.3%)

*Has this dog had an OFA hip evaluation?*

N	339 (46.7%)	173 (51.2%)	166 (46%)
Y	288 (39.7%)	127 (37.6%)	159 (44%)

*Has this dog had a hip examination by another organization?*

N	540 (74.4%)	263 (77.8%)	275 (76.2%)
Y	63 (8.7%)	26 (7.7%)	37 (10.2%)

*Has this dog had an OFA exam for elbow dysplasia?*

N	345 (47.5%)	177 (52.4%)	168 (46.5%)
Y	279 (38.4%)	121 (35.8%)	156 (43.2%)

*Has this dog had an OFA patellar luxation exam?*

N	509 (70.1%)	248 (73.4%)	260 (72%)
Y	96 (13.2%)	45 (13.3%)	50 (13.9%)

*Has this dog has a shoulder osteochondrosis (OCD) exam?*

N	398 (54.8%)	204 (60.4%)	193 (53.5%)
Y	223 (30.7%)	92 (27.2%)	130 (36%)

*Has this dog had an OFA exam for thyroid disorders?*

N	574 (79.1%)	277 (82%)	296 (82%)
Y	36 (5%)	15 (4.4%)	20 (5.5%)

*Has this dog had a OFA eye examination?*

N	386 (53.2%)	204 (60.4%)	181 (50.1%)
Y	235 (32.4%)	93 (27.5%)	141 (39.1%)

*Has this dog had a Degenerative Myelopathy DNA test?*

N	588 (81%)	280 (82.8%)	306 (84.8%)
Y	19 (2.6%)	10 (3%)	9 (2.5%)

*Has this dog had a BAER Hearing exam?*

N	586 (80.7%)	280 (82.8%)	304 (84.2%)
Y	11 (1.5%)	3 (0.9%)	8 (2.2%)

## Genetic health testing followups

### *What was the result of this OFA Cardiac Exam?*

NORMAL	73 (10.1%)	29 (8.6%)	43 (11.9%)
GRADE 1 MURMUR	1 (0.1%)	0 (0%)	1 (0.3%)

### *What OFA hip grade does this dog have?*

GOOD	154 (21.2%)	71 (21%)	81 (22.4%)
EXCELLENT	78 (10.7%)	36 (10.7%)	42 (11.6%)
FAIR	27 (3.7%)	9 (2.7%)	18 (5%)
MILD	12 (1.7%)	4 (1.2%)	8 (2.2%)
MODERATE	7 (1%)	2 (0.6%)	5 (1.4%)
SEVERE	3 (0.4%)	2 (0.6%)	1 (0.3%)
BORDERLINE	2 (0.3%)	1 (0.3%)	1 (0.3%)

### *What other organization(s) have evaluated this dog's hips?*

OTHER	29 (4%)	13 (3.8%)	16 (4.4%)
PENNHIP	19 (2.6%)	6 (1.8%)	13 (3.6%)
OVC	1 (0.1%)	1 (0.3%)	0 (0%)

### *What was the result of the dog's elbow dysplasia evaluation?*

NORMAL ELBOWS	262 (36.1%)	116 (34.3%)	145 (40.2%)
GRADE 1 ELBOW DYSPLASIA	12 (1.7%)	3 (0.9%)	8 (2.2%)
GRADE 2 ELBOW DYSPLASIA	2 (0.3%)	0 (0%)	2 (0.6%)
GRADE 3 ELBOW DYSPLASIA	1 (0.1%)	0 (0%)	1 (0.3%)

### *If diagnosed radiographically with elbow dysplasia, has this dog ever shown associated lameness/gait issues?*

N	89 (12.3%)	38 (11.2%)	50 (13.9%)
Y	4 (0.6%)	1 (0.3%)	3 (0.8%)

### *What was the result of the dog's patellar luxation examination?*

PATELLAR LUXATION FREE	86 (11.8%)	40 (11.8%)	45 (12.5%)
GRADE 4 PATELLAR LUXATION	1 (0.1%)	1 (0.3%)	0 (0%)

### *What OFA thyroid designation was this dog given?*

THYROID NORMAL	28 (3.9%)	11 (3.3%)	16 (4.4%)
IDIOPATHICALLY REDUCED THYROID FUNCTION	2 (0.3%)	1 (0.3%)	1 (0.3%)
AUTOIMMUNE THYROIDITIS	2 (0.3%)	1 (0.3%)	1 (0.3%)
EQUIVOCAL	1 (0.1%)	1 (0.3%)	0 (0%)

### *What were the results of this dog's CERF?*

CERF NORMAL	212 (29.2%)	79 (23.4%)	132 (36.6%)
DID NOT CERF	11 (1.5%)	5 (1.5%)	6 (1.7%)

### *What was the result of this degenerative myelopathy DNA test?*

N/N NORMAL	18 (2.5%)	10 (3%)	8 (2.2%)
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### *What was the result of this dog's shoulder exam?*

NORMAL SHOULDERS	217 (29.9%)	89 (26.3%)	127 (35.2%)
SHOULDER OCD, UNILATERAL	2 (0.3%)	1 (0.3%)	1 (0.3%)
SHOULDER OCD, BILATERAL	1 (0.1%)	0 (0%)	1 (0.3%)

## Has your dog been diagnosed with any of the following health or temperament issues?

### *Cancer or Tumors?*

N	541 (74.5%)	256 (75.7%)	283 (78.4%)
Y	74 (10.2%)	36 (10.7%)	38 (10.5%)
<i>Gastrointestinal disorders?</i>			
N	527 (72.6%)	242 (71.6%)	283 (78.4%)
Y	83 (11.4%)	48 (14.2%)	35 (9.7%)
<i>Cardiovascular disorders?</i>			
N	599 (82.5%)	283 (83.7%)	314 (87%)
Y	4 (0.6%)	2 (0.6%)	2 (0.6%)
<i>Respiratory disorders?</i>			
N	603 (83.1%)	288 (85.2%)	313 (86.7%)
Y	5 (0.7%)	0 (0%)	5 (1.4%)
<i>Eye disorders?</i>			
N	575 (79.2%)	274 (81.1%)	299 (82.8%)
Y	32 (4.4%)	12 (3.6%)	20 (5.5%)
<i>Ear disorders?</i>			
N	594 (81.8%)	280 (82.8%)	312 (86.4%)
Y	11 (1.5%)	6 (1.8%)	5 (1.4%)
<i>Neurological and/or Muscular disorders?</i>			
N	545 (75.1%)	244 (72.2%)	299 (82.8%)
Y	65 (9%)	45 (13.3%)	20 (5.5%)
<i>Skin disorders?</i>			
N	581 (80%)	275 (81.4%)	305 (84.5%)
Y	31 (4.3%)	17 (5%)	14 (3.9%)
<i>Liver disorders?</i>			
N	601 (82.8%)	288 (85.2%)	311 (86.1%)
Y	5 (0.7%)	1 (0.3%)	4 (1.1%)
<i>Orthopedic disorders?</i>			
N	535 (73.7%)	254 (75.1%)	279 (77.3%)
Y	79 (10.9%)	36 (10.7%)	43 (11.9%)
<i>Blood/Lymph disorders?</i>			
N	603 (83.1%)	285 (84.3%)	316 (87.5%)
Y	5 (0.7%)	2 (0.6%)	3 (0.8%)
<i>Endocrine disorders?</i>			
N	603 (83.1%)	290 (85.8%)	311 (86.1%)
Y	6 (0.8%)	0 (0%)	6 (1.7%)
<i>Kidney/Urinary disorders?</i>			
N	532 (73.3%)	273 (80.8%)	257 (71.2%)
Y	79 (10.9%)	13 (3.8%)	66 (18.3%)
<i>Female dog reproductive disorders?</i>			
N	543 (74.8%)	250 (74%)	292 (80.9%)
Y	31 (4.3%)	0 (0%)	31 (8.6%)



*Male dog reproductive disorders?*

N	570 (78.5%)	274 (81.1%)	294 (81.4%)
Y	18 (2.5%)	18 (5.3%)	0 (0%)

*Dental disorders?*

N	582 (80.2%)	280 (82.8%)	300 (83.1%)
Y	28 (3.9%)	9 (2.7%)	19 (5.3%)

*Allergies?*

N	539 (74.2%)	248 (73.4%)	290 (80.3%)
Y	69 (9.5%)	42 (12.4%)	26 (7.2%)

*Immune system disorders?*

N	603 (83.1%)	286 (84.6%)	315 (87.3%)
Y	5 (0.7%)	2 (0.6%)	3 (0.8%)

*Temperament issues?*

N	577 (79.5%)	277 (82%)	298 (82.5%)
Y	28 (3.9%)	9 (2.7%)	19 (5.3%)

*Obsessive Compulsive Disorder (OCD) issues?*

N	594 (81.8%)	282 (83.4%)	310 (85.9%)
Y	7 (1%)	2 (0.6%)	5 (1.4%)

Cancer Follow ups

*What cancer types has this dog been diagnosed with?*

MAST CELL TUMOR	38 (5.2%)	18 (5.3%)	20 (5.5%)
OTHER CANCER	15 (2.1%)	8 (2.4%)	7 (1.9%)
OSTEOSARCOMA	4 (0.6%)	3 (0.9%)	1 (0.3%)
LYMPHOMA	3 (0.4%)	3 (0.9%)	0 (0%)
HEMANGIOSARCOMA	3 (0.4%)	3 (0.9%)	0 (0%)
SEBACEOUS GLAND CANCER	2 (0.3%)	0 (0%)	2 (0.6%)
FIBROSARCOMA	2 (0.3%)	2 (0.6%)	0 (0%)
VIRAL PAPILLOMAS (MOUTH CANCER)	1 (0.1%)	1 (0.3%)	0 (0%)
SQUAMOUS CELL CANCER	1 (0.1%)	0 (0%)	1 (0.3%)
MAMMARY CANCER	1 (0.1%)	0 (0%)	1 (0.3%)
LEUKEMIA	1 (0.1%)	1 (0.3%)	0 (0%)
HISTIOSYTOSIS, MALIGNANT	1 (0.1%)	1 (0.3%)	0 (0%)

*Was this cancer diagnosis confirmed by biopsy/histology?*

Y	57 (7.9%)	26 (7.7%)	31 (8.6%)
N	11 (1.5%)	6 (1.8%)	5 (1.4%)

*At what age was this dog first diagnosed?*

10+ YEARS	16 (2.2%)	5 (1.5%)	11 (3%)
5 YEARS	11 (1.5%)	7 (2.1%)	4 (1.1%)
4 YEARS	8 (1.1%)	5 (1.5%)	3 (0.8%)
7 YEARS	7 (1%)	4 (1.2%)	3 (0.8%)
9 YEARS	6 (0.8%)	3 (0.9%)	3 (0.8%)
3 YEARS	6 (0.8%)	5 (1.5%)	1 (0.3%)
8 YEARS	5 (0.7%)	1 (0.3%)	4 (1.1%)
6 YEARS	5 (0.7%)	4 (1.2%)	1 (0.3%)

2 YEARS	5 (0.7%)	0 (0%)	5 (1.4%)
1 YEAR	1 (0.1%)	0 (0%)	1 (0.3%)

*How was this cancer treated?*

SURGERY	48 (6.6%)	20 (5.9%)	28 (7.8%)
NO TREATMENT	15 (2.1%)	9 (2.7%)	6 (1.7%)
CHEMOTHERAPY	5 (0.7%)	4 (1.2%)	1 (0.3%)
ALTERNATIVE MEDICINE TREATMENT (ACUPUNCTURE, HERBAL, DIET, ETC.)	5 (0.7%)	4 (1.2%)	1 (0.3%)
RADIATION	1 (0.1%)	1 (0.3%)	0 (0%)
A COMBINATION OF RADIATION AND CHEMOTHERAPY	1 (0.1%)	1 (0.3%)	0 (0%)

*What was the survival time after cancer diagnosis?*

OVER 3 YEARS	36 (5%)	12 (3.6%)	24 (6.6%)
LESS THAN 1 MONTH	9 (1.2%)	7 (2.1%)	2 (0.6%)
1 TO 3 YEARS	7 (1%)	4 (1.2%)	3 (0.8%)
LESS THAN 1 YEAR	5 (0.7%)	4 (1.2%)	1 (0.3%)
LESS THAN 3 MONTHS	3 (0.4%)	1 (0.3%)	2 (0.6%)
LESS THAN 6 MONTHS	1 (0.1%)	1 (0.3%)	0 (0%)

Gastrointestinal Problems

*What types of gastrointestinal problems has this dog been diagnosed with?*

LICK FITS	37 (5.1%)	23 (6.8%)	14 (3.9%)
INFLAMMATORY/IRRITABLE BOWEL DISEASE	26 (3.6%)	17 (5%)	9 (2.5%)
BLOAT, WITH OR WITHOUT TORSION	22 (3%)	12 (3.6%)	10 (2.8%)
BILE VOMITING	22 (3%)	11 (3.3%)	11 (3%)
OTHER	12 (1.7%)	8 (2.4%)	4 (1.1%)
SPLENIC TORSION/ENLARGED SPLEEN	10 (1.4%)	8 (2.4%)	2 (0.6%)
COLITIS	7 (1%)	3 (0.9%)	4 (1.1%)

Gastrointestinal followups

*Did death occur from bloat or complication from a life-saving procedure?*

N	14 (1.9%)	8 (2.4%)	6 (1.7%)
Y	7 (1%)	3 (0.9%)	4 (1.1%)

*Was a gastroplexy performed?*

Y	14 (1.9%)	9 (2.7%)	5 (1.4%)
N	7 (1%)	2 (0.6%)	5 (1.4%)

*Has this dog had more than one bloating episode?*

N	14 (1.9%)	7 (2.1%)	7 (1.9%)
Y	7 (1%)	4 (1.2%)	3 (0.8%)

*At what age did this dog first bloat?*

7 YEARS	3 (0.4%)	2 (0.6%)	1 (0.3%)
6 YEARS	3 (0.4%)	2 (0.6%)	1 (0.3%)
5 YEARS	3 (0.4%)	0 (0%)	3 (0.8%)
4 YEARS	3 (0.4%)	1 (0.3%)	2 (0.6%)
10+ YEARS	2 (0.3%)	0 (0%)	2 (0.6%)
0 TO 12 MONTHS	2 (0.3%)	2 (0.6%)	0 (0%)

9 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
8 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
3 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
2 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
1 YEAR	1 (0.1%)	1 (0.3%)	0 (0%)
<i>Did death occur from splenic torsion or splenectomy?</i>			
N	10 (1.4%)	6 (1.8%)	4 (1.1%)
Y	1 (0.1%)	1 (0.3%)	0 (0%)
<i>Was a splenectomy performed?</i>			
Y	10 (1.4%)	7 (2.1%)	3 (0.8%)
N	1 (0.1%)	0 (0%)	1 (0.3%)
<i>Was the spleen grossly enlarged with blood and fluid?</i>			
Y	8 (1.1%)	6 (1.8%)	2 (0.6%)
N	3 (0.4%)	1 (0.3%)	2 (0.6%)
<i>Was there a mass and/or tumor on the spleen?</i>			
N	9 (1.2%)	5 (1.5%)	4 (1.1%)
Y	2 (0.3%)	2 (0.6%)	0 (0%)
<i>Did this dog also bloat?</i>			
N	6 (0.8%)	4 (1.2%)	2 (0.6%)
Y	5 (0.7%)	3 (0.9%)	2 (0.6%)
<i>Had the spleen been previously checked as normal size and position?</i>			
Y	7 (1%)	3 (0.9%)	4 (1.1%)
N	3 (0.4%)	3 (0.9%)	0 (0%)
<i>At what age did this dog experience splenic torsion?</i>			
8 YEARS	2 (0.3%)	2 (0.6%)	0 (0%)
6 YEARS	2 (0.3%)	2 (0.6%)	0 (0%)
9 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
5 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
4 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
<i>How often does this dog have a lick fit?</i>			
MONTHLY	17 (2.3%)	11 (3.3%)	6 (1.7%)
A FEW TIMES A YEAR	13 (1.8%)	8 (2.4%)	5 (1.4%)
MORE THAN ONCE A WEEK	5 (0.7%)	2 (0.6%)	3 (0.8%)
DAILY	1 (0.1%)	1 (0.3%)	0 (0%)
<i>What successful treatments have you used?</i>			
OVER THE COUNTER DRUGS SUCH AS TUMS, GAS-X, PEPCID, ETC.	28 (3.9%)	17 (5%)	11 (3%)
FEED THE DOG BREAD, CRACKERS, ETC.	17 (2.3%)	13 (3.8%)	4 (1.1%)
ALLOW DOG TO EAT GRASS	15 (2.1%)	10 (3%)	5 (1.4%)
FEED THE DOG A MEAL OF ITS REGULAR FOOD	7 (1%)	5 (1.5%)	2 (0.6%)
SUCRALFATE (CARAFATE, XACTDOSE) PRESCRIBED BY VETERINARIAN	3 (0.4%)	1 (0.3%)	2 (0.6%)

FASTING	2 (0.3%)	2 (0.6%)	0 (0%)
INDUCE VOMITING	1 (0.1%)	1 (0.3%)	0 (0%)
<i>Has this dog bloated during a licking episode?</i>			
N	29 (4%)	18 (5.3%)	11 (3%)
Y	6 (0.8%)	4 (1.2%)	2 (0.6%)
<i>Does this dog display pica behaviors?</i>			
N	27 (3.7%)	18 (5.3%)	9 (2.5%)
Y	9 (1.2%)	4 (1.2%)	5 (1.4%)
<i>Has this dog had an endoscopy?</i>			
N	28 (3.9%)	21 (6.2%)	7 (1.9%)
Y	8 (1.1%)	1 (0.3%)	7 (1.9%)
<i>Do any of the following trigger this dog to have a lick fit?</i>			
EMPTY STOMACH	18 (2.5%)	9 (2.7%)	9 (2.5%)
STRESS	14 (1.9%)	11 (3.3%)	3 (0.8%)
SEASONAL/WEATHER CHANGES	3 (0.4%)	1 (0.3%)	2 (0.6%)
HIGH FAT FOODS	3 (0.4%)	2 (0.6%)	1 (0.3%)
EATING NON-FOOD ITEMS (MUD, FECES, STICKS)	3 (0.4%)	2 (0.6%)	1 (0.3%)
<u>Cardiac Disorders</u>			
<i>What cardiac disorders has this dog been diagnosed with?</i>			
OTHER	1 (0.1%)	1 (0.3%)	0 (0%)
CARDIOMYOPATHY	1 (0.1%)	0 (0%)	1 (0.3%)
<i>Is this dog being treated with a beta-blocker (atenolol)?</i>			
N	4 (0.6%)	2 (0.6%)	2 (0.6%)
<i>Is this dog evaluated by a cardiologist on a routine basis?</i>			
Y	3 (0.4%)	1 (0.3%)	2 (0.6%)
N	2 (0.3%)	1 (0.3%)	1 (0.3%)
<i>At what age was this dog diagnosed with a cardiac disorder?</i>			
8 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
5 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
10+ YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
<u>Respiratory Disorders</u>			
<i>What respiratory disorders has this dog been diagnosed with?</i>			
LARNYGEAL PARALYSIS	3 (0.4%)	0 (0%)	3 (0.8%)
ELONGATED SOFT PALATE	1 (0.1%)	0 (0%)	1 (0.3%)
<i>At what age was this dog diagnosed with a respiratory disorder?</i>			
9 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
7 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
4 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
10+ YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
0 TO 12 MONTHS	1 (0.1%)	0 (0%)	1 (0.3%)

#### Eye disorders

*What eye disorders has this dog been diagnosed with?*

DISTICHIASIS (EXTRA EYELASHES)	11 (1.5%)	4 (1.2%)	7 (1.9%)
CATARACTS, JUVENILE	8 (1.1%)	5 (1.5%)	3 (0.8%)
ENTROPION	7 (1%)	1 (0.3%)	6 (1.7%)
CATARACTS, SENILE	7 (1%)	2 (0.6%)	5 (1.4%)
OTHER	3 (0.4%)	1 (0.3%)	2 (0.6%)
PERSISTENT PUPILLARY MEMBRANE	2 (0.3%)	0 (0%)	2 (0.6%)
GLAUCOMA	2 (0.3%)	0 (0%)	2 (0.6%)
DRY EYE	2 (0.3%)	0 (0%)	2 (0.6%)
BLINDNESS, UNILATERAL (ONE EYE)	2 (0.3%)	1 (0.3%)	1 (0.3%)
OPTIC NERVE HYPOPLASIA	1 (0.1%)	1 (0.3%)	0 (0%)
CORNEAL ULCER	1 (0.1%)	0 (0%)	1 (0.3%)
BLINDNESS, BILATERAL (BOTH EYES)	1 (0.1%)	0 (0%)	1 (0.3%)

*Has this dog had surgical correction for an eye issue?*

N	17 (2.3%)	9 (2.7%)	8 (2.2%)
Y	15 (2.1%)	3 (0.9%)	12 (3.3%)

*If blind, at what age did this dog suffer vision loss?*

9 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
8 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
5 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
4 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
10+ YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
1 YEAR	1 (0.1%)	1 (0.3%)	0 (0%)

#### Ear disorders

*What ear disorders has this dog been diagnosed with?*

CHRONIC EAR INFECTION	6 (0.8%)	5 (1.5%)	1 (0.3%)
OTHER	2 (0.3%)	1 (0.3%)	1 (0.3%)
EAR HEMATOMA	2 (0.3%)	1 (0.3%)	1 (0.3%)
DEAFNESS, BILATERAL (BOTH EARS)	2 (0.3%)	0 (0%)	2 (0.6%)

*If deaf, at what age did the dog suffer hearing loss?*

10+ YEARS	2 (0.3%)	0 (0%)	2 (0.6%)
0-12 MONTHS	1 (0.1%)	0 (0%)	1 (0.3%)

#### Neurologic/Muscular disorders

*What neurological and/or muscular disorders has this dog been diagnosed with?*

EPILEPSY/SEIZURES, KNOWN OR UNKNOWN CAUSE	40 (5.5%)	32 (9.5%)	8 (2.2%)
SPINAL STENOSIS	10 (1.4%)	6 (1.8%)	4 (1.1%)
ATAXIA	8 (1.1%)	6 (1.8%)	2 (0.6%)
DEGENERATIVE MYELOPATHY	7 (1%)	6 (1.8%)	1 (0.3%)
INTERVERTEBRAL DISC DISEASE	5 (0.7%)	3 (0.9%)	2 (0.6%)
OTHER	4 (0.6%)	1 (0.3%)	3 (0.8%)
LUMBOSACRAL STENOSIS	4 (0.6%)	4 (1.2%)	0 (0%)
STROKE	1 (0.1%)	1 (0.3%)	0 (0%)

#### Seizure/epilepsy followups

*Was this seizure disorder diagnosed by a veterinarian?*

Y	38 (5.2%)	31 (9.2%)	7 (1.9%)
N	2 (0.3%)	1 (0.3%)	1 (0.3%)

*At what age did this dog experience its first seizure?*

2 YEARS	13 (1.8%)	12 (3.6%)	1 (0.3%)
4 YEARS	7 (1%)	5 (1.5%)	2 (0.6%)
6 YEARS	6 (0.8%)	4 (1.2%)	2 (0.6%)
7 YEARS	4 (0.6%)	3 (0.9%)	1 (0.3%)
3 YEARS	3 (0.4%)	3 (0.9%)	0 (0%)
1 YEAR	3 (0.4%)	3 (0.9%)	0 (0%)
5 YEARS	2 (0.3%)	2 (0.6%)	0 (0%)
0 TO 6 MONTHS	2 (0.3%)	0 (0%)	2 (0.6%)

*What type(s) of seizures does this dog experience?*

GRAND MAL	34 (4.7%)	29 (8.6%)	5 (1.4%)
CLUSTER	15 (2.1%)	13 (3.8%)	2 (0.6%)
FOCAL	5 (0.7%)	4 (1.2%)	1 (0.3%)
STATUS EPILEPTICUS	4 (0.6%)	4 (1.2%)	0 (0%)
PETIT MAL/ABSENCE	3 (0.4%)	3 (0.9%)	0 (0%)
OTHER	1 (0.1%)	1 (0.3%)	0 (0%)

*What anti-seizure medications do you give?*

PHENOBARBITOL	23 (3.2%)	18 (5.3%)	5 (1.4%)
LEVETIRACETAM (KEPPRA)	18 (2.5%)	16 (4.7%)	2 (0.6%)
POTASSIUM BROMIDE	15 (2.1%)	13 (3.8%)	2 (0.6%)
GABAPENTIN	6 (0.8%)	5 (1.5%)	1 (0.3%)
ZONISAMIDE (ZONEGRAN)	5 (0.7%)	4 (1.2%)	1 (0.3%)
OTHER MEDICATION	4 (0.6%)	2 (0.6%)	2 (0.6%)
NO SEIZURE MEDICATIONS	2 (0.3%)	1 (0.3%)	1 (0.3%)

*How often does this dog experience seizures?*

SEIZURE FREE AT THIS TIME FOR MORE THAN ONE YEAR	12 (1.7%)	10 (3%)	2 (0.6%)
ABOUT ONCE A MONTH	6 (0.8%)	5 (1.5%)	1 (0.3%)
SEVERAL TIMES PER YEAR	5 (0.7%)	3 (0.9%)	2 (0.6%)
EVERY FEW WEEKS	5 (0.7%)	4 (1.2%)	1 (0.3%)
EVERY FEW MONTHS	4 (0.6%)	3 (0.9%)	1 (0.3%)
A FEW TIMES	4 (0.6%)	4 (1.2%)	0 (0%)
EVERY FEW DAYS	2 (0.3%)	1 (0.3%)	1 (0.3%)

*Is this dog treated by a neurologist?*

Y	24 (3.3%)	24 (7.1%)	0 (0%)
N	15 (2.1%)	7 (2.1%)	8 (2.2%)

*Has this dog required emergency veterinary treatment for Status Epilepticus?*

N	32 (4.4%)	25 (7.4%)	7 (1.9%)
Y	8 (1.1%)	7 (2.1%)	1 (0.3%)

**Skin disorders**

*What skin disorders has this dog been diagnosed with?*

OTHER	13 (1.8%)	7 (2.1%)	6 (1.7%)
YEAST INFECTIONS	6 (0.8%)	4 (1.2%)	2 (0.6%)
SEBORRHEA	2 (0.3%)	1 (0.3%)	1 (0.3%)
AUTOIMMUNE SKIN DISEASE	2 (0.3%)	1 (0.3%)	1 (0.3%)
PYODERMA (PERSISTENT STAPHYLOCOCCAL INFECTION)	1 (0.1%)	0 (0%)	1 (0.3%)
MANGE, DEMODECTIC	1 (0.1%)	0 (0%)	1 (0.3%)

CHRONIC HOT SPOTS	1 (0.1%)	1 (0.3%)	0 (0%)
CALCINOSIS CIRCUMSCRIPTA	1 (0.1%)	0 (0%)	1 (0.3%)

*What treatments have been used for skin issues in this dog?*

ANTIBIOTIC THERAPY	16 (2.2%)	8 (2.4%)	8 (2.2%)
MEDICATED OR ROUTINE BATHING	13 (1.8%)	5 (1.5%)	8 (2.2%)
STEROID THERAPY	9 (1.2%)	4 (1.2%)	5 (1.4%)
CETIRIZINE (ZYRTEC)	6 (0.8%)	3 (0.9%)	3 (0.8%)
DIPHENHYDRAMINE (BENADRYL)	5 (0.7%)	2 (0.6%)	3 (0.8%)
ANTI-FUGAL TOPICAL	4 (0.6%)	2 (0.6%)	2 (0.6%)
HYDROXYZINE	3 (0.4%)	0 (0%)	3 (0.8%)
THIS DOG IS NOT GIVEN TREATMENTS FOR SKIN ISSUES	2 (0.3%)	1 (0.3%)	1 (0.3%)
IVERMECTIN	2 (0.3%)	1 (0.3%)	1 (0.3%)
HOMEOPATHIC REMEDIES	1 (0.1%)	0 (0%)	1 (0.3%)
CLEMASTINE FUMARATE (TAVIST)	1 (0.1%)	0 (0%)	1 (0.3%)

Liver disorders

*What liver disorders has this dog been diagnosed with?*

LIVER TORSION	3 (0.4%)	1 (0.3%)	2 (0.6%)
LIVER FAILURE	1 (0.1%)	0 (0%)	1 (0.3%)

*Was supported therapy necessary?*

Y	2 (0.3%)	1 (0.3%)	1 (0.3%)
N	1 (0.1%)	0 (0%)	1 (0.3%)

*Was surgical correction performed?*

Y	3 (0.4%)	1 (0.3%)	2 (0.6%)
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*At what age was this dog first diagnosed?*

9 YEARS	2 (0.3%)	0 (0%)	2 (0.6%)
5 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
10+ YEARS	1 (0.1%)	0 (0%)	1 (0.3%)

Orthopedic disorders

*What orthopedic disorders has this dog been diagnosed with?*

ARTHRITIS	26 (3.6%)	9 (2.7%)	17 (4.7%)
HIP DYSPLASIA	21 (2.9%)	9 (2.7%)	12 (3.3%)
ELBOW DYSPLASIA	15 (2.1%)	4 (1.2%)	11 (3%)
SPONDYLOSIS	10 (1.4%)	3 (0.9%)	7 (1.9%)
OSTEOCHONDROSIS DESSICANS (OCD)	7 (1%)	3 (0.9%)	4 (1.1%)
OTHER	6 (0.8%)	4 (1.2%)	2 (0.6%)
ANTERIOR CRUCIATE LIGAMENT TEAR (ACL)	5 (0.7%)	4 (1.2%)	1 (0.3%)
DEGENERATIVE JOINT DISEASE	4 (0.6%)	2 (0.6%)	2 (0.6%)
PATELLAR LUXATION	3 (0.4%)	2 (0.6%)	1 (0.3%)
MENISCUS TEAR	3 (0.4%)	1 (0.3%)	2 (0.6%)
INTERVERTEBRAL DISC DISEASE	3 (0.4%)	2 (0.6%)	1 (0.3%)
VERTEBRAL ANOMALIES	2 (0.3%)	1 (0.3%)	1 (0.3%)
DEGENERATIVE MYELOPATHY	2 (0.3%)	1 (0.3%)	1 (0.3%)
CRANIAL CRUCIATE LIGAMENT TEAR (CCL)	2 (0.3%)	1 (0.3%)	1 (0.3%)
PANOSTEITIS	1 (0.1%)	1 (0.3%)	0 (0%)

DEAD TAIL	1 (0.1%)	1 (0.3%)	0 (0%)
CROOKED TAIL (KINKED)	1 (0.1%)	0 (0%)	1 (0.3%)
CERVICAL VERTEBRAL INSTABILITY (WOBLERS)	1 (0.1%)	1 (0.3%)	0 (0%)

*At what age was this dog first diagnosed?*

2 YEARS	14 (1.9%)	5 (1.5%)	9 (2.5%)
6-12 MONTHS	12 (1.7%)	6 (1.8%)	6 (1.7%)
9 YEARS	10 (1.4%)	3 (0.9%)	7 (1.9%)
4 YEARS	8 (1.1%)	5 (1.5%)	3 (0.8%)
1 YEAR	8 (1.1%)	3 (0.9%)	5 (1.4%)
8 YEARS	5 (0.7%)	1 (0.3%)	4 (1.1%)
7 YEARS	5 (0.7%)	3 (0.9%)	2 (0.6%)
3 YEARS	5 (0.7%)	3 (0.9%)	2 (0.6%)
0 TO 6 MONTHS	4 (0.6%)	2 (0.6%)	2 (0.6%)
6 YEARS	3 (0.4%)	2 (0.6%)	1 (0.3%)
5 YEARS	2 (0.3%)	0 (0%)	2 (0.6%)

*Has this dog undergone surgical correction for an orthopedic disorder?*

N	58 (8%)	27 (8%)	31 (8.6%)
Y	17 (2.3%)	6 (1.8%)	11 (3%)

#### Blood /Lymph disorders

*What blood or lymphatic system disorders has this dog been diagnosed with?*

OTHER	4 (0.6%)	2 (0.6%)	2 (0.6%)
NASAL BLEED, WITHOUT TRAUMA	1 (0.1%)	0 (0%)	1 (0.3%)

#### Endocrine disorders

*What endocrine disorders has this dog been diagnosed with?*

HYPOTHYROID	4 (0.6%)	0 (0%)	4 (1.1%)
CUSHING'S DISEASE	1 (0.1%)	0 (0%)	1 (0.3%)
ADDISON'S DISEASE	1 (0.1%)	0 (0%)	1 (0.3%)

*At what age was this dog first diagnosed?*

10+ YEARS	3 (0.4%)	0 (0%)	3 (0.8%)
4 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
3 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
1 YEAR	1 (0.1%)	0 (0%)	1 (0.3%)

#### Kidney/Urinary disorders

*What kidney disorders has this dog been diagnosed with?*

URINARY INCONTINENCE (UNCONTROLLED LEAKING/DRIPPING OF URINE)	50 (6.9%)	0 (0%)	50 (13.9%)
RENAL FAILURE	18 (2.5%)	6 (1.8%)	12 (3.3%)
CHRONIC LOWER URINARY TRACT INFECTION (CYSTITIS)	15 (2.1%)	3 (0.9%)	12 (3.3%)
OTHER	5 (0.7%)	4 (1.2%)	1 (0.3%)
FAMILIAL KIDNEY DISEASE	2 (0.3%)	0 (0%)	2 (0.6%)

*Was supported therapy necessary?*

Y	60 (8.3%)	10 (3%)	50 (13.9%)
N	14 (1.9%)	3 (0.9%)	11 (3%)



*At what age was this dog first diagnosed?*

6 YEARS	10 (1.4%)	2 (0.6%)	8 (2.2%)
3 YEARS	9 (1.2%)	1 (0.3%)	8 (2.2%)
6-12 MONTHS	8 (1.1%)	0 (0%)	8 (2.2%)
2 YEARS	8 (1.1%)	1 (0.3%)	7 (1.9%)
0 TO 6 MONTHS	8 (1.1%)	0 (0%)	8 (2.2%)
4 YEARS	7 (1%)	1 (0.3%)	6 (1.7%)
1 YEAR	7 (1%)	1 (0.3%)	6 (1.7%)
7 YEARS	6 (0.8%)	2 (0.6%)	4 (1.1%)
5 YEARS	5 (0.7%)	2 (0.6%)	3 (0.8%)
9 YEARS	4 (0.6%)	2 (0.6%)	2 (0.6%)
10+ YEARS	4 (0.6%)	0 (0%)	4 (1.1%)
8 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)

Incontinence followups

*Was this dog only incontinent prior to sexual maturity?*

N	40 (5.5%)	0 (0%)	40 (11.1%)
Y	8 (1.1%)	0 (0%)	8 (2.2%)

*If this dog became incontinent post spay/neuter, at what age were they altered?*

1 YEAR	12 (1.7%)	0 (0%)	12 (3.3%)
5+ YEARS	10 (1.4%)	0 (0%)	10 (2.8%)
N/A	7 (1%)	0 (0%)	7 (1.9%)
6 TO 12 MONTHS	6 (0.8%)	0 (0%)	6 (1.7%)
2 YEARS	6 (0.8%)	0 (0%)	6 (1.7%)
4 YEARS	2 (0.3%)	0 (0%)	2 (0.6%)
0 TO 6 MONTHS	2 (0.3%)	0 (0%)	2 (0.6%)

*If this dog became incontinent post spay or neuter, how soon after did leaking occur?*

2+ YEARS	12 (1.7%)	0 (0%)	12 (3.3%)
0 TO 6 MONTHS	9 (1.2%)	0 (0%)	9 (2.5%)
6 TO 12 MONTHS	8 (1.1%)	0 (0%)	8 (2.2%)
N/A	7 (1%)	0 (0%)	7 (1.9%)
1 YEAR	6 (0.8%)	0 (0%)	6 (1.7%)
2 YEAR	3 (0.4%)	0 (0%)	3 (0.8%)

*When is this dog incontinent?*

AT REST	40 (5.5%)	0 (0%)	40 (11.1%)
DURING DEEP SLEEP	37 (5.1%)	0 (0%)	37 (10.2%)
DURING MODERATE ACTIVITY	5 (0.7%)	0 (0%)	5 (1.4%)
WHEN EXCITED	4 (0.6%)	0 (0%)	4 (1.1%)

*Has this incontinence been diagnosed as any of the following?*

SPAY INCONTINENCE/HORMONE-RESPONSIVE INCONTINENCE	20 (2.8%)	0 (0%)	20 (5.5%)
SPHINCTER MECHANISM INCONTINENCE	9 (1.2%)	0 (0%)	9 (2.5%)
URINARY TRACT INFECTION	5 (0.7%)	0 (0%)	5 (1.4%)
CONGENITAL ABNORMALITY (ECTOPIC URETER, JUVENILE BLADDER, ETC.)	2 (0.3%)	0 (0%)	2 (0.6%)

*Does the dog receive any of the following medications/supplements?*

PHENYLPROPANOLAMINE

HYDROCHLORIDE (PRION)	24 (3.3%)	0 (0%)	24 (6.6%)
DES (DIETHYLSTILBESTROL)	12 (1.7%)	0 (0%)	12 (3.3%)
INCURIN	11 (1.5%)	0 (0%)	11 (3%)
HOMEOPATHIC SUPPLEMENT	4 (0.6%)	0 (0%)	4 (1.1%)

*Has this dog had surgery to attempt to control incontinence?*

N	47 (6.5%)	0 (0%)	47 (13%)
Y	1 (0.1%)	0 (0%)	1 (0.3%)

*If this dog has had surgery for incontinence, was it successful?*

N	18 (2.5%)	0 (0%)	18 (5%)
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*Does this dog also experience a large number of urinary tract infections?*

N	40 (5.5%)	0 (0%)	40 (11.1%)
Y	7 (1%)	0 (0%)	7 (1.9%)

### Reproductive disorders

*What reproductive disorders has this female dog been diagnosed with?*

PYOMETRA	14 (1.9%)	0 (0%)	14 (3.9%)
CYSTIC OVARIES	6 (0.8%)	0 (0%)	6 (1.7%)
UTERINE INERTIA (DYSTOCIA)	5 (0.7%)	0 (0%)	5 (1.4%)
LITTER REABSORPTION	5 (0.7%)	0 (0%)	5 (1.4%)
FALSE (PSEUDO) PREGNANCY	5 (0.7%)	0 (0%)	5 (1.4%)
FAILURE TO MAINTAIN SERUM PROGESTERONE LEVEL TO ADEQUATELY MAINTAIN PREGNANCY	5 (0.7%)	0 (0%)	5 (1.4%)
FAILURE TO CONCEIVE	5 (0.7%)	0 (0%)	5 (1.4%)
DIFFICULTY WHELPING	5 (0.7%)	0 (0%)	5 (1.4%)
REFUSAL TO ACCEPT MALE	2 (0.3%)	0 (0%)	2 (0.6%)
ABORTED LITTER	2 (0.3%)	0 (0%)	2 (0.6%)
METRITIS	1 (0.1%)	0 (0%)	1 (0.3%)
GENITAL INFECTION	1 (0.1%)	0 (0%)	1 (0.3%)

*Has this female dog had a cesarian section?*

NO, THIS DOG HAS NEVER HAD A CAESARIAN SECTION OR HAS NEVER BEEN BRED	106 (14.6%)	0 (0%)	106 (29.4%)
YES, AN UNPLANNED/EMERGENCY CAESARIAN SECTION	20 (2.8%)	0 (0%)	20 (5.5%)
YES, A PLANNED CAESARIAN SECTION	15 (2.1%)	0 (0%)	15 (4.2%)

*What reproductive disorders has this male dog been diagnosed with?*

PROSTATITIS (PROSTATE INFECTION)	7 (1%)	7 (2.1%)	0 (0%)
STERILITY (LOW OR NO SPERM)	6 (0.8%)	6 (1.8%)	0 (0%)
CRYPTORCHID/MONORCHID	2 (0.3%)	2 (0.6%)	0 (0%)
TESTICULAR TORSION	1 (0.1%)	1 (0.3%)	0 (0%)
LACK OF INTEREST IN FEMALE	1 (0.1%)	1 (0.3%)	0 (0%)
IMPOTENCE (INABILITY TO BREED WILLING FEMALE)	1 (0.1%)	1 (0.3%)	0 (0%)
ABNORMAL SPERM	1 (0.1%)	1 (0.3%)	0 (0%)

## Dental disorders

*What dental disorders has this dog been diagnosed with?*

RETAINED DECIDUOUS (PUPPY) TEETH	8 (1.1%)	2 (0.6%)	6 (1.7%)
OTHER PERIODONTAL DISEASE	8 (1.1%)	2 (0.6%)	6 (1.7%)
OVERBITE	7 (1%)	3 (0.9%)	4 (1.1%)
MISSING TEETH, PREMOLARS	6 (0.8%)	1 (0.3%)	5 (1.4%)
UNDERBITE	4 (0.6%)	2 (0.6%)	2 (0.6%)
MISSING TEETH, MOLARS	1 (0.1%)	0 (0%)	1 (0.3%)

## Allergic disorders

*What allergy disorders has this dog been diagnosed with?*

FOOD ALLERGIES	35 (4.8%)	21 (6.2%)	14 (3.9%)
ENVIRONMENTAL ALLERGIES	27 (3.7%)	16 (4.7%)	11 (3%)
ATOPY (INHALANT) SEASONAL	14 (1.9%)	8 (2.4%)	5 (1.4%)
TOPICAL/CONTACT ALLERGIES	7 (1%)	5 (1.5%)	2 (0.6%)
OTHER ALLERGIES	5 (0.7%)	2 (0.6%)	3 (0.8%)
ATOPY (INHALANT) NON-SEASONAL	5 (0.7%)	4 (1.2%)	1 (0.3%)
DRUG ALLERGIES	4 (0.6%)	2 (0.6%)	2 (0.6%)
FLEA ALLERGIES	2 (0.3%)	1 (0.3%)	1 (0.3%)

*What treatments has this dog been given for allergy disorders?*

DIPHENHYDRAMINE (BENADRYL)	27 (3.7%)	18 (5.3%)	9 (2.5%)
MEDICATED OR ROUTINE BATHING	17 (2.3%)	13 (3.8%)	4 (1.1%)
CETIRIZINE (ZYRTEC)	15 (2.1%)	11 (3.3%)	3 (0.8%)
STEROID THERAPY	13 (1.8%)	9 (2.7%)	4 (1.1%)
THIS DOG IS NOT GIVEN TREATMENTS FOR ALLERGIES	12 (1.7%)	4 (1.2%)	8 (2.2%)
ANTIBIOTIC THERAPY	12 (1.7%)	8 (2.4%)	4 (1.1%)
ANTI-FUGAL TOPICAL	10 (1.4%)	10 (3%)	0 (0%)
IVERMECTIN	6 (0.8%)	5 (1.5%)	1 (0.3%)
HYDROXYZINE	6 (0.8%)	5 (1.5%)	1 (0.3%)
HOMEOPATHIC REMEDIES	5 (0.7%)	5 (1.5%)	0 (0%)

## Immune system disorders

*What immune system disorders has this dog been diagnosed with?*

OTHER IMMUNE SYSTEM DISORDER	2 (0.3%)	0 (0%)	2 (0.6%)
IMMUNE-MEDIATED HYPOTHYROIDISM	1 (0.1%)	1 (0.3%)	0 (0%)

*At what age was this dog first diagnosed?*

7 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
5 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)
4 YEARS	1 (0.1%)	1 (0.3%)	0 (0%)
3 YEARS	1 (0.1%)	0 (0%)	1 (0.3%)

## Temperament disorders

*Describe the temperament issues your dog exhibits*

OTHER	11 (1.5%)	4 (1.2%)	7 (1.9%)
FEAR OF NOISE	7 (1%)	3 (0.9%)	4 (1.1%)
SHYNESS	6 (0.8%)	3 (0.9%)	3 (0.8%)
AGGRESSIVE TO ALL DOGS	6 (0.8%)	1 (0.3%)	5 (1.4%)

AGGRESSIVE TO PEOPLE	4 (0.6%)	1 (0.3%)	3 (0.8%)
AGGRESSIVE TO DOGS IN HOUSEHOLD	4 (0.6%)	0 (0%)	4 (1.1%)
SEPARATION ANXIETY	3 (0.4%)	1 (0.3%)	2 (0.6%)
RESERVED	3 (0.4%)	2 (0.6%)	1 (0.3%)
FEAR OF STORMS	3 (0.4%)	0 (0%)	3 (0.8%)

#### Obsessive compulsive disorders/diseases

*What Obsessive Compulsive Disorders has this dog been diagnosed with?*

FLY-BITING	2 (0.3%)	2 (0.6%)	0 (0%)
COPROPHAGIA (CONSUMPTION OF FECES)	2 (0.3%)	1 (0.3%)	1 (0.3%)
PICA (EATS NON-FOOD ITEMS OFTEN)	1 (0.1%)	0 (0%)	1 (0.3%)
FOREIGN BODY REMOVAL (E.G. ROCKS, TOYS, FABRIC, BONES, ETC.)	1 (0.1%)	0 (0%)	1 (0.3%)

#### Breeding status

*Has this dog had puppies?*

N	444 (61.2%)	229 (67.8%)	213 (59%)
Y	165 (22.7%)	58 (17.2%)	107 (29.6%)

*Has this dog produced puppies with congenital abnormalities?*

N	537 (74%)	263 (77.8%)	273 (75.6%)
Y	29 (4%)	7 (2.1%)	21 (5.8%)

*Has this dog had a caesarian section?*

N	470 (64.7%)	248 (73.4%)	220 (60.9%)
Y	76 (10.5%)	0 (0%)	76 (21.1%)

#### Whelping/litter followups

*How many puppies has this dog produced?*

FOUR TO 10	68 (9.4%)	19 (5.6%)	49 (13.6%)
10 TO 20	56 (7.7%)	17 (5%)	39 (10.8%)
20 TO 30	16 (2.2%)	7 (2.1%)	9 (2.5%)
30 TO 70	13 (1.8%)	10 (3%)	3 (0.8%)
THREE OR FEWER	7 (1%)	1 (0.3%)	6 (1.7%)
OVER 70 PUPPIES	2 (0.3%)	2 (0.6%)	0 (0%)

*How many litters has this dog produced?*

1	55 (7.6%)	18 (5.3%)	37 (10.2%)
2	53 (7.3%)	15 (4.4%)	38 (10.5%)
3	29 (4%)	6 (1.8%)	23 (6.4%)
4	12 (1.7%)	5 (1.5%)	7 (1.9%)
6-10	10 (1.4%)	10 (3%)	0 (0%)
11-15	2 (0.3%)	2 (0.6%)	0 (0%)
5	1 (0.1%)	1 (0.3%)	0 (0%)
21-25	1 (0.1%)	1 (0.3%)	0 (0%)

*What congenital abnormalities has this dog produced?*

OTHER CONGENITAL DEFECT	16 (2.2%)	4 (1.2%)	12 (3.3%)
CLEFT PALATE	8 (1.1%)	2 (0.6%)	6 (1.7%)
HERNIA, UMBILICAL	3 (0.4%)	0 (0%)	3 (0.8%)

*Was this Caesarian section planned?*

NO, THIS WAS UNPLANNED (EMERGENCY)	31 (4.3%)	0 (0%)	31 (8.6%)
YES, THIS WAS A PLANNED CAESARIAN	26 (3.6%)	0 (0%)	26 (7.2%)
BOTH PLANNED AND UNPLANNED	18 (2.5%)	0 (0%)	18 (5%)