

Greater Swiss Mountain Dog Health Survey 2008-2013

New or Repeat User of Survey

Have you taken this survey previously for another dog or dogs?

N	672 (54.9%)
Y	489 (39.9%)

Owner Information

How many Greater Swiss Mountain Dogs do you currently own?

1 TO 3	620 (50.6%)
4 TO 6	27 (2.2%)
7 TO 10	13 (1.1%)
MORE THAN 15	7 (0.6%)
11 TO 15	2 (0.2%)

How many years have you owned Greater Swiss Mountain Dogs?

5 TO 10 YEARS	184 (15%)
1 TO 3 YEARS	164 (13.4%)
3 TO 5 YEARS	124 (10.1%)
10 TO 15 YEARS	101 (8.2%)
LESS THAN 1 YEAR	56 (4.6%)
OVER 15 YEARS	50 (4.1%)

Where did you obtain your Greater Swiss Mountain Dogs?

DIRECTLY FROM A BREEDER	637 (52%)
BRED IT YOURSELF	62 (5.1%)
ONLINE BREEDER	26 (2.1%)
OTHER	21 (1.7%)
BREED RESCUE	19 (1.6%)
SHELTER	8 (0.7%)
PET STORE	1 (0.1%)

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

N	387 (31.6%)
Y	291 (23.8%)

What activities are you interested in?

PET/COMPANION	538 (43.9%)
PACKING/HIKING	313 (25.6%)
CARTING	280 (22.9%)
OBEDIENCE	267 (21.8%)
CONFORMATION SHOWING	223 (18.2%)
THERAPY/ASSISTANCE	206 (16.8%)
WEIGHT PULL	144 (11.8%)
BREEDING	144 (11.8%)
HERDING	131 (10.7%)
AGILITY	120 (9.8%)
RALLY	119 (9.7%)
TRACKING/NOSEWORK	89 (7.3%)
SEARCH AND RESCUE/TRAILING	47 (3.8%)

Dog Information

What sex is this dog?

FEMALE	605 (49.4%)
MALE	563 (46%)

Is this dog Living?

Y	962 (78.5%)
N	201 (16.4%)
<i>What is the overall health of this dog?</i>	
EXCELLENT	681 (55.6%)
GOOD	322 (26.3%)
FAIR	90 (7.3%)
POOR	34 (2.8%)
BAD	13 (1.1%)
<i>Does this dog have any of the following colorings?</i>	
AGOUTI COAT (BANDED COAT)	48 (3.9%)
RED/BROWN COAT MAIN COLOR	42 (3.4%)
BLUE COAT MAIN COLOR	20 (1.6%)
UNILATERAL BLUE EYE	16 (1.3%)
BILATERAL BLUE EYE	5 (0.4%)
<i>Has this dog had significant health problems?</i>	
N	826 (67.4%)
Y	326 (26.6%)
<i>Is this dog on flea preventative?</i>	
Y	780 (63.7%)
N	371 (30.3%)
<i>Is this dog on a tick preventative?</i>	
Y	735 (60%)
N	412 (33.6%)
<i>Is this dog on heartworm prevention?</i>	
Y	951 (77.6%)
N	199 (16.2%)
<i>Is this dog given vaccinations?</i>	
Y	1075 (87.8%)
N	75 (6.1%)
<i>Has this dog had adverse reaction(s) to any vaccination?</i>	
N	1100 (89.8%)
Y	50 (4.1%)
<i>Do you run titers on this dog?</i>	
N	969 (79.1%)
Y	166 (13.6%)
<i>Has this dog had an adverse reaction to anesthesia?</i>	
N	1115 (91%)
Y	15 (1.2%)
<i>Has this dog had a Prophylactic gastropexy?</i>	
N	919 (75%)
Y	241 (19.7%)
<i>Has this dog had a spenectomy?</i>	
N	1078 (88%)
Y	62 (5.1%)

<i>What type(s) of food does this dog eat?</i>	
DRY FOOD, GENERAL	601 (49.1%)
DRY FOOD, GRAIN FREE	444 (36.2%)
RAW FOOD, BARF (BONES & RAW FOOD)	153 (12.5%)
CANNED FOOD, GRAIN FREE	61 (5%)
RAW FOOD, COMMERCIALY PREPARED	56 (4.6%)
HOME COOKED, PROTEIN AND GRAIN	53 (4.3%)
CANNED FOOD, GENERAL	48 (3.9%)
RAW FOOD, PREY MODEL	47 (3.8%)
HOME COOKED, PROTEIN ONLY	32 (2.6%)

Dog Information Followup

How old is this dog?

2 YEARS	162 (13.2%)
1 YEAR	120 (9.8%)
3 YEARS	113 (9.2%)
4 YEARS	112 (9.1%)
5 YEARS	83 (6.8%)
6 YEARS	78 (6.4%)
6-12 MONTHS	65 (5.3%)
7 YEARS	62 (5.1%)
10+	47 (3.8%)
8 YEARS	46 (3.8%)
9 YEARS	39 (3.2%)
0-6 MONTHS	38 (3.1%)

At what age did this dog die?

10+	77 (6.3%)
9 YEARS	23 (1.9%)
7 YEARS	18 (1.5%)
8 YEARS	14 (1.1%)
2 YEARS	13 (1.1%)
6-12 MONTHS	10 (0.8%)
6 YEARS	10 (0.8%)
4 YEARS	10 (0.8%)
5 YEARS	9 (0.7%)
1 YEAR	8 (0.7%)
3 YEARS	4 (0.3%)
0-6 MONTHS	2 (0.2%)

Was a necropsy performed?

N	183 (14.9%)
Y	17 (1.4%)

Was this dog euthanized?

Y	171 (14%)
N	29 (2.4%)

Is this male dog neutered?

N	298 (24.3%)
Y	268 (21.9%)

Is this female dog spayed?

Y	330 (26.9%)
N	274 (22.4%)

Health and treatments followup

At what age did this dog begin to have significant health issues?

BETWEEN 6 MONTHS AND 2 YEARS	121 (9.9%)
FROM 2 TO 5 YEARS OF AGE	73 (6%)
FROM 5 TO 10 YEARS OF AGE	72 (5.9%)
0-6 MONTHS	49 (4%)
OVER 10 YEARS OF AGE	9 (0.7%)

Has this dog had an adverse reaction to flea prevention?

N	765 (62.4%)
Y	9 (0.7%)

Has this dog had an adverse reaction to tick prevention?

N	718 (58.6%)
Y	9 (0.7%)

What vaccinations has this dog had?

RABIES	894 (73%)
DHPP (DISTEMPER, HEPATITIS, PARVOVIRUS, PARAINFLUENZA)	741 (60.5%)
BORDETELLA	732 (59.8%)
5-WAY (DISTEMPER, HEPATITIS, ADENOVIRUS, PARAINFLUENZA, PARVOVIRUS)	430 (35.1%)
LEPTOSPIROSIS	296 (24.2%)
CORONAVIRUS	239 (19.5%)
LYME	198 (16.2%)
PUPPY SERIES ONLY	122 (10%)
OTHER	12 (1%)
NOSODES	10 (0.8%)
NO REGULAR VACCINATIONS	10 (0.8%)

How frequently is this dog vaccinated?

YEARLY	552 (45.1%)
EVERY 3 YEARS	271 (22.1%)
EVERY OTHER YEAR	118 (9.6%)
ONLY WHEN TITERS INDICATE A NEED	92 (7.5%)

If you do run titres, how often do you run them?

YEARLY	10 (0.8%)
EVERY TWO YEARS	10 (0.8%)
OTHER TITRE SCHEDULE	8 (0.7%)

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

SYSTEMIC REACTION (FEVER, LETHARGY, WEAKNESS, LACK OF APPETITE)	21 (1.7%)
LOCAL REACTION (SWELLING, ITCHING, SKIN SENSITIVITY)	16 (1.3%)
URITICARIA (SKIN RASH/HIVES)	5 (0.4%)
SEIZURE WITHIN 24 HOURS OF VACCINATION	3 (0.2%)
ANAPHYLAXIS	3 (0.2%)
LONG TERM AUTOIMMUNE ISSUES	2 (0.2%)
BORDATELLA, LIFE THREATENING REACTION	1 (0.1%)

Was anesthesia given for a routine procedure?

Y	11 (0.9%)
N	2 (0.2%)

Was anesthesia given for a life-saving procedure?

N	11 (0.9%)
Y	3 (0.2%)

What type of adverse reaction did this dog have?

DIFFICULTY WAKING UP FROM PROCEDURE	6 (0.5%)
ABNORMAL BEHAVIOR (VOMITING, DIFFICULTY WALKING, DECREASED APPETITE, ETC.)	5 (0.4%)
SEIZURE POST ANESTHESIA	2 (0.2%)
RELAPSING INTO SEDATION	2 (0.2%)

What anesthetic drugs were given?

PROPOFOL	5 (0.4%)
XYLAZINE	1 (0.1%)
THIOPENTAL	1 (0.1%)
ROMIFIDINE	1 (0.1%)
KETAMINE	1 (0.1%)
INHALATION AGENTS (ISOFLUARNE, HALOTHANE, SEVOFLURANE OR DESFLURANE)	1 (0.1%)
DIAZEPAM/MIDAZOLAM	1 (0.1%)
ACEPROMAZINE	1 (0.1%)

At what age was this male dog neutered?

1 TO 2 YEARS OF AGE	84 (6.9%)
6-12 MONTHS	72 (5.9%)
2 TO 5 YEARS OF AGE	59 (4.8%)
OVER 5 YEARS OF AGE	30 (2.4%)
0-6 MONTHS	23 (1.9%)

At what time in her cycle was this female spayed?

AFTER TWO OR MORE HEAT CYCLES	141 (11.5%)
AFTER FIRST HEAT CYCLE	97 (7.9%)
BEFORE FIRST HEAT CYCLE	88 (7.2%)

At what age was this female spayed?

1 YEAR	92 (7.5%)
6-12 MONTHS	69 (5.6%)
2 YEARS	50 (4.1%)
6 YEARS	21 (1.7%)
4 YEARS	20 (1.6%)
0-6 MONTHS	20 (1.6%)
3 YEARS	19 (1.6%)
5 YEARS	17 (1.4%)
7 YEARS	13 (1.1%)
8 YEARS	6 (0.5%)
10+	1 (0.1%)

Genetic Health testing questions

Has this dog had an OFA Cardiac exam?

N	1015 (82.9%)
Y	143 (11.7%)

Has this dog had an OFA hip evaluation?

N	654 (53.4%)
Y	498 (40.7%)

Has this dog had a hip examination by another organization?

N 999 (81.6%)
Y 139 (11.3%)

Has this dog had an OFA exam for elbow dysplasia?

N 689 (56.2%)
Y 458 (37.4%)

Has this dog had an OFA patellar luxation exam?

N 969 (79.1%)
Y 171 (14%)

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

N 797 (65.1%)
Y 289 (23.6%)

Has this dog had an OFA exam for thyroid disorders?

N 1071 (87.4%)
Y 71 (5.8%)

Has this dog had an OFA/CERF eye examination?

N 739 (60.3%)
Y 407 (33.2%)

Has this dog had a Degenerative Myelopathy DNA test?

N 1128 (92.1%)
Y 16 (1.3%)

Has this dog had a BAER Hearing exam?

N 1143 (93.3%)
Y 13 (1.1%)

Genetic health testing followups

What was the result of this OFA Cardiac Exam?

NORMAL 137 (11.2%)
GRADE 6 MURMUR 1 (0.1%)

What OFA hip grade does this dog have?

GOOD 278 (22.7%)
EXCELLENT 131 (10.7%)
FAIR 48 (3.9%)
MILD 21 (1.7%)
MODERATE 12 (1%)
SEVERE 6 (0.5%)
BORDERLINE 1 (0.1%)

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

PENNHIP 63 (5.1%)
OTHER 59 (4.8%)
OVC 5 (0.4%)

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

NORMAL ELBOWS 416 (34%)
GRADE 1 ELBOW DYSPLASIA 32 (2.6%)
GRADE 2 ELBOW DYSPLASIA 4 (0.3%)
GRADE 3 ELBOW DYSPLASIA 1 (0.1%)

<i>If diagnosed radiographically with elbow dysplasia, has this dog ever shown associated lameness/gait issues?</i>	
N	117 (9.6%)
Y	8 (0.7%)
<i>What was the result of the dog's patellar luxation examination?</i>	
PATELLAR LUXATION FREE	154 (12.6%)
GRADE 1 PATELLAR LUXATION	5 (0.4%)
GRADE 2 PATELLAR LUXATION	2 (0.2%)
GRADE 3 PATELLAR LUXATION	1 (0.1%)
<i>What OFA thyroid designation was this dog given?</i>	
THYROID NORMAL	65 (5.3%)
IDIOPATHICALLY REDUCED THYROID FUNCTION	1 (0.1%)
AUTOIMMUNE THYROIDITIS	1 (0.1%)
<i>What were the results of this dog's OFA ECR/CERF?</i>	
OFA ECR/CERF NORMAL	382 (31.2%)
DID NOT ECR/CERF	17 (1.4%)
<i>What was the result of this degenerative myelopathy DNA test?</i>	
N/N NORMAL	14 (1.1%)
<i>What was the result of this dog's shoulder exam?</i>	
NORMAL SHOULDERS	247 (20.2%)
SHOULDER OCD, BILATERAL	22 (1.8%)
SHOULDER OCD, UNILATERAL	14 (1.1%)
<u>Has your dog been diagnosed with any of the following health or temperament issues?</u>	
<i>Cancer or Tumors?</i>	
N	1040 (84.9%)
Y	124 (10.1%)
<i>Gastrointestinal disorders?</i>	
N	982 (80.2%)
Y	177 (14.4%)
<i>Cardiovascular disorders?</i>	
N	1160 (94.7%)
Y	5 (0.4%)
<i>Respiratory disorders?</i>	
N	1149 (93.8%)
Y	10 (0.8%)
<i>Eye disorders?</i>	
N	1087 (88.7%)
Y	71 (5.8%)
<i>Ear disorders?</i>	
N	1134 (92.6%)
Y	23 (1.9%)
<i>Neurological and/or Muscular disorders?</i>	
N	1041 (85%)
Y	117 (9.6%)

<i>Skin disorders?</i>		
N		1083 (88.4%)
Y		73 (6%)
<i>Liver disorders?</i>		
N		1147 (93.6%)
Y		9 (0.7%)
<i>Orthopedic disorders?</i>		
N		960 (78.4%)
Y		182 (14.9%)
<i>Blood/Lymph disorders?</i>		
N		1123 (91.7%)
Y		15 (1.2%)
<i>Endocrine disorders?</i>		
N		1134 (92.6%)
Y		16 (1.3%)
<i>Kidney/Urinary disorders?</i>		
N		1024 (83.6%)
Y		131 (10.7%)
<i>Female dog reproductive disorders?</i>		
N		1039 (84.8%)
Y		40 (3.3%)
<i>Male dog reproductive disorders?</i>		
N		1071 (87.4%)
Y		8 (0.7%)
<i>Dental disorders?</i>		
N		1126 (91.9%)
Y		35 (2.9%)
<i>Allergies?</i>		
N		1009 (82.4%)
Y		150 (12.2%)
<i>Immune system disorders?</i>		
N		1135 (92.7%)
Y		14 (1.1%)
<i>Temperament issues?</i>		
N		1102 (90%)
Y		54 (4.4%)
<i>Obsessive Compulsive Disorder (OCD) issues?</i>		
N		1135 (92.7%)
Y		28 (2.3%)
<u>Cancer Follow ups</u>		
<i>What cancer types has this dog been diagnosed with?</i>		
MAST CELL TUMOR		57 (4.7%)
OTHER CANCER		18 (1.5%)

HEMANGIOSARCOMA	9 (0.7%)
OSTEOSARCOMA	8 (0.7%)
LYMPHOMA	7 (0.6%)
GASTRIC	4 (0.3%)
MUSCLE CANCER	2 (0.2%)
HISTIOCYTOSIS, SYSTEMIC	2 (0.2%)
VIRAL PAPILLOMAS (MOUTH CANCER)	1 (0.1%)
TESTICULAR CANCER	1 (0.1%)
MELANOMA (SKIN CANCER)	1 (0.1%)
LEUKEMIA	1 (0.1%)
HISTIOSYTOSIS, MALIGNANT	1 (0.1%)
HISTIOCYTOSIS, CUTANEOUS	1 (0.1%)
FIBROSARCOMA	1 (0.1%)

Was this cancer diagnosis confirmed by biopsy/histology?

Y	94 (7.7%)
N	20 (1.6%)

At what age was this dog first diagnosed?

5 YEARS	19 (1.6%)
7 YEARS	16 (1.3%)
6 YEARS	15 (1.2%)
4 YEARS	14 (1.1%)
10+ YEARS	13 (1.1%)
9 YEARS	10 (0.8%)
8 YEARS	10 (0.8%)
3 YEARS	9 (0.7%)
2 YEARS	8 (0.7%)
0 TO 12 MONTHS	2 (0.2%)
1 YEAR	1 (0.1%)

How was this cancer treated?

SURGERY	61 (5%)
NO TREATMENT	41 (3.3%)
CHEMOTHERAPY	7 (0.6%)
ALTERNATIVE MEDICINE TREATMENT (ACUPUNCTURE, HERBAL, DIET, ETC.)	6 (0.5%)
A COMBINATION OF RADIATION AND CHEMOTHERAPY	4 (0.3%)
RADIATION	3 (0.2%)

What was the survival time after cancer diagnosis?

OVER 3 YEARS	40 (3.3%)
LESS THAN 1 MONTH	22 (1.8%)
1 TO 3 YEARS	13 (1.1%)
LESS THAN 1 YEAR	10 (0.8%)
LESS THAN 3 MONTHS	6 (0.5%)
LESS THAN 6 MONTHS	5 (0.4%)

Gastrointestinal Problems

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

BILE VOMITING	95 (7.8%)
LICK FITS	86 (7%)
BLOAT, WITH OR WITHOUT TORSION	54 (4.4%)
INFLAMMATORY/IRRITABLE BOWEL DISEASE	45 (3.7%)
COLITIS	24 (2%)
SPLenic TORSION/ENLARGED SPLEEN	21 (1.7%)
OTHER	19 (1.6%)

MEGAESOPHAGUS 5 (0.4%)

Gastrointestinal followups

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

N 43 (3.5%)

Y 11 (0.9%)

Was a gastroplexy performed?

Y 36 (2.9%)

N 17 (1.4%)

Has this dog had more than one bloating episode?

N 30 (2.4%)

Y 24 (2%)

At what age did this dog first bloat?

3 YEARS 8 (0.7%)

8 YEARS 7 (0.6%)

2 YEARS 7 (0.6%)

5 YEARS 6 (0.5%)

0 TO 12 MONTHS 6 (0.5%)

1 YEAR 5 (0.4%)

4 YEARS 4 (0.3%)

10+ YEARS 4 (0.3%)

7 YEARS 3 (0.2%)

6 YEARS 3 (0.2%)

Did death occur from splenic torsion or splenectomy?

N 17 (1.4%)

Y 3 (0.2%)

Was a splenectomy performed?

Y 15 (1.2%)

N 5 (0.4%)

Was the spleen grossly enlarged with blood and fluid?

Y 16 (1.3%)

N 4 (0.3%)

Was there a mass and/or tumor on the spleen?

N 17 (1.4%)

Y 3 (0.2%)

Did this dog also bloat?

Y 13 (1.1%)

N 7 (0.6%)

Had the spleen been previously checked as normal size and position?

Y 12 (1%)

N 7 (0.6%)

At what age did this dog experience splenic torsion?

7 YEARS 4 (0.3%)

3 YEARS 4 (0.3%)

6 YEARS 3 (0.2%)

8 YEARS 2 (0.2%)

2 YEARS	2 (0.2%)
5 YEARS	1 (0.1%)
4 YEARS	1 (0.1%)
1 YEAR	1 (0.1%)
0 TO 12 MONTHS	1 (0.1%)

How often does this dog have a lick fit?

MONTHLY	33 (2.7%)
A FEW TIMES A YEAR	33 (2.7%)
MORE THAN ONCE A WEEK	17 (1.4%)
DAILY	3 (0.2%)

What successful treatments have you used?

OVER THE COUNTER DRUGS SUCH AS TUMS, GAS-X, PEPCID, ETC.	72 (5.9%)
ALLOW DOG TO EAT GRASS	55 (4.5%)
FEED THE DOG BREAD, CRACKERS, ETC.	33 (2.7%)
FEED THE DOG A MEAL OF ITS REGULAR FOOD	28 (2.3%)
SUCRALFATE (CARAFATE, XACTDOSE) PRESCRIBED BY VETERINARIAN	9 (0.7%)
INDUCE VOMITING	5 (0.4%)
FASTING	2 (0.2%)

Has this dog bloated during a licking episode?

N	72 (5.9%)
Y	13 (1.1%)

Does this dog display pica behaviors?

Y	45 (3.7%)
N	41 (3.3%)

Has this dog had an endoscopy?

N	78 (6.4%)
Y	7 (0.6%)

Do any of the following trigger this dog to have a lick fit?

EMPTY STOMACH	45 (3.7%)
STRESS	42 (3.4%)
SEASONAL/WEATHER CHANGES	17 (1.4%)
EATING NON-FOOD ITEMS (MUD, FECES, STICKS)	17 (1.4%)
HIGH FAT FOODS	11 (0.9%)
CERTAIN MEDICATIONS	6 (0.5%)

Cardiac Disorders

What cardiac disorders has this dog been diagnosed with?

HEART MURMUR	3 (0.2%)
SUBAORTIC STENOSIS	1 (0.1%)
OTHER	1 (0.1%)
CONGESTIVE HEART FAILURE	1 (0.1%)
CARDIOMYOPATHY	1 (0.1%)

Is this dog being treated with a beta-blocker (atenolol)?

N	4 (0.3%)
Y	1 (0.1%)

Is this dog evaluated by a cardiologist on a routine basis?

N	3 (0.2%)
Y	2 (0.2%)

At what age was this dog diagnosed with a cardiac disorder?

0 TO 12 MONTHS	3 (0.2%)
7 YEARS	1 (0.1%)
2 YEARS	1 (0.1%)

Respiratory Disorders

What respiratory disorders has this dog been diagnosed with?

LARYNGEAL PARALYSIS	4 (0.3%)
OTHER	1 (0.1%)

At what age was this dog diagnosed with a respiratory disorder?

0 TO 12 MONTHS	5 (0.4%)
10+ YEARS	2 (0.2%)
9 YEARS	1 (0.1%)
8 YEARS	1 (0.1%)
2 YEARS	1 (0.1%)

Eye disorders

What eye disorders has this dog been diagnosed with?

DISTICHIASIS (EXTRA EYELASHES)	28 (2.3%)
CATARACTS, JUVENILE	22 (1.8%)
ENTROPION	14 (1.1%)
CATARACTS, SENILE	6 (0.5%)
OTHER	3 (0.2%)
CORNEAL ULCER	3 (0.2%)
PERSISTENT PUPILLARY MEMBRANE	2 (0.2%)
DRY EYE	2 (0.2%)
GLAUCOMA	1 (0.1%)
BLINDNESS, BILATERAL (BOTH EYES)	1 (0.1%)

Has this dog had surgical correction for an eye issue?

N	39 (3.2%)
Y	30 (2.4%)

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

10+ YEARS	3 (0.2%)
6 YEARS	2 (0.2%)
7 YEARS	1 (0.1%)
3 YEARS	1 (0.1%)

Ear disorders

What ear disorders has this dog been diagnosed with?

CHRONIC EAR INFECTION	17 (1.4%)
OTHER	3 (0.2%)
EAR HEMATOMA	1 (0.1%)
DEAFNESS, BILATERAL (BOTH EARS)	1 (0.1%)

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

9 YEARS	1 (0.1%)
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Neurologic/Muscular disorders

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

EPILEPSY/SEIZURES, KNOWN OR UNKNOWN CAUSE	75 (6.1%)
OTHER	12 (1%)
ATAXIA	8 (0.7%)

SPINAL STENOSIS	6 (0.5%)
INTERVERTEBRAL DISC DISEASE	6 (0.5%)
DEGENERATIVE MYELOPATHY	3 (0.2%)
STROKE	2 (0.2%)
SPINAL DEMYELINATION	2 (0.2%)
MENINGITIS, BACTERIAL	2 (0.2%)
FIBROCARILAGINOUS EMBOLISM (FCE)	2 (0.2%)
LUMBOSACRAL STENOSIS	1 (0.1%)

Seizure/epilepsy followups

Was this seizure disorder diagnosed by a veterinarian?

Y	72 (5.9%)
N	3 (0.2%)

At what age did this dog experience its first seizure?

2 YEARS	19 (1.6%)
6-12 MONTHS	13 (1.1%)
3 YEARS	11 (0.9%)
1 YEAR	10 (0.8%)
4 YEARS	9 (0.7%)
5 YEARS	5 (0.4%)
7 YEARS	3 (0.2%)
6 YEARS	3 (0.2%)
0 TO 6 MONTHS	2 (0.2%)

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

GRAND MAL	59 (4.8%)
CLUSTER	41 (3.3%)
FOCAL	14 (1.1%)
STATUS EPILEPTICUS	12 (1%)
PETIT MAL/ABSENCE	7 (0.6%)
OTHER	6 (0.5%)

What anti-seizure medications do you give?

PHENOBARBITOL	54 (4.4%)
POTASSIUM BROMIDE	32 (2.6%)
ZONISAMIDE (ZONEGRAN)	19 (1.6%)
NO SEIZURE MEDICATIONS	12 (1%)
LEVETIRACETAM (KEPPRA)	11 (0.9%)
GABAPENTIN	9 (0.7%)
OTHER MEDICATION	3 (0.2%)

How often does this dog experience seizures?

SEIZURE FREE AT THIS TIME FOR MORE THAN ONE YEAR	16 (1.3%)
ABOUT ONCE A MONTH	13 (1.1%)
EVERY FEW WEEKS	12 (1%)
EVERY FEW MONTHS	11 (0.9%)
EVERY FEW DAYS	9 (0.7%)
SEVERAL TIMES PER YEAR	6 (0.5%)
A FEW TIMES	6 (0.5%)
ONLY ONE TIME	1 (0.1%)

Is this dog treated by a neurologist?

N	43 (3.5%)
Y	32 (2.6%)

<i>Has this dog required emergency veterinary treatment for Status Epilepticus?</i>	
N	52 (4.2%)
Y	23 (1.9%)

Skin disorders

<i>What skin disorders has this dog been diagnosed with?</i>	
OTHER	13 (1.1%)
YEAST INFECTIONS	12 (1%)
PYODERMA (PERSISTENT STAPHYLOCOCCAL INFECTION)	11 (0.9%)
CHRONIC HOT SPOTS	11 (0.9%)
SEBORRHEA	8 (0.7%)
MANGE, DEMODECTIC	7 (0.6%)
AUTOIMMUNE SKIN DISEASE	5 (0.4%)
ANAL SAC DISEASES	3 (0.2%)
ALOPECIA, GENERAL	3 (0.2%)
ALOPECIA, COLOR DILUTION	1 (0.1%)

<i>What treatments have been used for skin issues in this dog?</i>	
MEDICATED OR ROUTINE BATHING	44 (3.6%)
ANTIBIOTIC THERAPY	44 (3.6%)
DIPHENHYDRAMINE (BENADRYL)	25 (2%)
STEROID THERAPY	21 (1.7%)
ANTI-FUGAL TOPICAL	20 (1.6%)
HOMEOPATHIC REMEDIES	13 (1.1%)
HYDROXYZINE	6 (0.5%)
IVERMECTIN	5 (0.4%)
THIS DOG IS NOT GIVEN TREATMENTS FOR SKIN ISSUES	4 (0.3%)
CETIRIZINE (ZYRTEC)	3 (0.2%)
CLEMASTINE FUMARATE (TAVIST)	1 (0.1%)

Liver disorders

<i>What liver disorders has this dog been diagnosed with?</i>	
LIVER FAILURE	3 (0.2%)
CIRRHOSIS, JUVENILE	2 (0.2%)
PORTOSYSTEMIC SHUNTS/VASCULAR ABNORMALITIES	1 (0.1%)
OTHER	1 (0.1%)
LIVER TORSION	1 (0.1%)

<i>Was supported therapy necessary?</i>	
Y	5 (0.4%)
N	2 (0.2%)

<i>Was surgical correction performed?</i>	
N	6 (0.5%)
Y	1 (0.1%)

<i>At what age was this dog first diagnosed?</i>	
8 YEARS	2 (0.2%)
9 YEARS	1 (0.1%)
6-12 MONTHS	1 (0.1%)
6 YEARS	1 (0.1%)
3 YEARS	1 (0.1%)
10+ YEARS	1 (0.1%)
1 YEAR	1 (0.1%)

Orthopedic disorders

<i>What orthopedic disorders has this dog been diagnosed with?</i>	
ARTHRITIS	56 (4.6%)
HIP DYSPLASIA	51 (4.2%)
OSTEOCHONDROSIS DESSICANS (OCD)	33 (2.7%)
OTHER	23 (1.9%)
ELBOW DYSPLASIA	23 (1.9%)
SPONDYLOSIS	22 (1.8%)
ANTERIOR CRUCIATE LIGAMENT TEAR (ACL)	21 (1.7%)
PANOSTEITIS	11 (0.9%)
DEGENERATIVE JOINT DISEASE	11 (0.9%)
CRANIAL CRUCIATE LIGAMENT TEAR (CCL)	9 (0.7%)
PATELLAR LUXATION	8 (0.7%)
CROOKED TAIL (KINKED)	7 (0.6%)
INTERVERTEBRAL DISC DISEASE	6 (0.5%)
VERTEBRAL ANOMALIES	4 (0.3%)
CERVICAL VERTEBRAL INSTABILITY (WOBBLERS)	4 (0.3%)
BICEPITAL TENDONITIS	4 (0.3%)
MENISCUS TEAR	3 (0.2%)
LUXATING TARSUS (POPPING HOCK)	1 (0.1%)
HYPERTROPHIC OSTEODYSTROPHY (HOD)	1 (0.1%)
DEAD TAIL	1 (0.1%)

<i>At what age was this dog first diagnosed?</i>	
2 YEARS	37 (3%)
6-12 MONTHS	29 (2.4%)
1 YEAR	19 (1.6%)
3 YEARS	17 (1.4%)
0 TO 6 MONTHS	16 (1.3%)
8 YEARS	15 (1.2%)
5 YEARS	15 (1.2%)
9 YEARS	13 (1.1%)
7 YEARS	8 (0.7%)
6 YEARS	5 (0.4%)
4 YEARS	5 (0.4%)

<i>Has this dog undergone surgical correction for an orthopedic disorder?</i>	
N	122 (10%)
Y	60 (4.9%)

Blood /Lymph disorders

<i>What blood or lymphatic system disorders has this dog been diagnosed with?</i>	
PLATELET ABNORMALITY	3 (0.2%)
NASAL BLEED, WITHOUT TRAUMA	2 (0.2%)
VONWILLEBRAND'S DISEASE	1 (0.1%)
TICK-BORNE ILLNESS (LYME, EHRLICHIA, ROCKY MOUNTAIN SPOTTED FEVER)	1 (0.1%)
OTHER	1 (0.1%)
HEMOPHILIA	1 (0.1%)
ANEMIA	1 (0.1%)

Endocrine disorders

<i>What endocrine disorders has this dog been diagnosed with?</i>	
HYPOTHYROID	8 (0.7%)
PANCREATITIS	1 (0.1%)
HYPERTHYROID	1 (0.1%)
DIABETES MELLITUS	1 (0.1%)
CUSHING'S DISEASE	1 (0.1%)

At what age was this dog first diagnosed?

7 YEARS	3 (0.2%)
6-12 MONTHS	3 (0.2%)
9 YEARS	2 (0.2%)
2 YEARS	2 (0.2%)
8 YEARS	1 (0.1%)
5 YEARS	1 (0.1%)
3 YEARS	1 (0.1%)
1 YEAR	1 (0.1%)

Kidney/Urinary disorders

What kidney disorders has this dog been diagnosed with?

URINARY INCONTINENCE (UNCONTROLLED LEAKING/DRIPPING OF URINE)	101 (8.2%)
CHRONIC LOWER URINARY TRACT INFECTION (CYSTITIS)	15 (1.2%)
OTHER	11 (0.9%)
RENAL FAILURE	10 (0.8%)
RENAL DYSPLASIA	3 (0.2%)
FAMILIAL KIDNEY DISEASE	2 (0.2%)
BLADDER AND KIDNEY STONES	2 (0.2%)

Was supported therapy necessary?

Y	114 (9.3%)
N	12 (1%)

At what age was this dog first diagnosed?

0 TO 6 MONTHS	21 (1.7%)
2 YEARS	20 (1.6%)
6-12 MONTHS	19 (1.6%)
1 YEAR	14 (1.1%)
3 YEARS	12 (1%)
7 YEARS	10 (0.8%)
4 YEARS	9 (0.7%)
6 YEARS	7 (0.6%)
5 YEARS	6 (0.5%)
10+ YEARS	5 (0.4%)
8 YEARS	4 (0.3%)
9 YEARS	1 (0.1%)

Incontinence followups

Was this dog only incontinent prior to sexual maturity?

N	92 (7.5%)
Y	8 (0.7%)

Was this dog incontinent prior to neuter/spay?

N	78 (6.4%)
Y	23 (1.9%)

When is this dog incontinent?

DURING DEEP SLEEP	78 (6.4%)
AT REST	71 (5.8%)
DURING MODERATE ACTIVITY	11 (0.9%)
WHEN EXCITED	10 (0.8%)
DURING ESTRUS (HEAT)	1 (0.1%)

Has this incontinence been diagnosed as any of the following?

SPAY INCONTINENCE/HORMONE-RESPONSIVE INCONTINENCE	47 (3.8%)
SPHINCTER MECHANISM INCONTINENCE	19 (1.6%)
URINARY TRACT INFECTION	8 (0.7%)
OTHER	7 (0.6%)
CONGENITAL ABNORMALITY (ECTOPIC URETER, JUVENILE BLADDER, ETC.)	4 (0.3%)

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

PHENYLPROPANOLAMINE HYDROCHLORIDE (PRION)	73 (6%)
DES (DIETHYLSTILBESTROL)	24 (2%)
HOMEOPATHIC SUPPLEMENT	5 (0.4%)

Has this dog had surgery to attempt to control incontinence?

N	95 (7.8%)
Y	5 (0.4%)

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

N	25 (2%)
Y	1 (0.1%)

Does this dog also experience a large number of urinary tract infections?

N	80 (6.5%)
Y	21 (1.7%)

Reproductive disorders

What reproductive disorders has this female dog been diagnosed with?

DIFFICULTY WHELPING	10 (0.8%)
PYOMETRA	9 (0.7%)
UTERINE INERTIA (DYSTOCIA)	8 (0.7%)
FAILURE TO CONCEIVE	8 (0.7%)
VAGINAL STRICTURES	4 (0.3%)
IRREGULAR HEAT CYCLE	4 (0.3%)
FAILURE TO MAINTAIN SERUM PROGESTERONE LEVEL TO ADEQUATELY MAINTAIN PREGNANCY	4 (0.3%)
FALSE (PSEUDO) PREGNANCY	3 (0.2%)
CYSTIC OVARIES	3 (0.2%)
REFUSAL TO ACCEPT MALE	2 (0.2%)
LITTER REABSORPTION	2 (0.2%)
METRITIS	1 (0.1%)
GENITAL INFECTION	1 (0.1%)
AGALACTIA (FAILURE TO PRODUCE MILK)	1 (0.1%)
ABORTED LITTER	1 (0.1%)

Has this female dog had a cesarian section?

NO, THIS DOG HAS NEVER HAD A CAESARIAN SECTION OR HAS NEVER BEEN BRED	226 (18.4%)
YES, A PLANNED CAESARIAN SECTION	24 (2%)
YES, AN UNPLANNED/EMERGENCY CAESARIAN SECTION	23 (1.9%)

What reproductive disorders has this male dog been diagnosed with?

LACK OF INTEREST IN FEMALE	2 (0.2%)
ABNORMAL SPERM	2 (0.2%)
TESTICULAR TORSION	1 (0.1%)
STERILITY (LOW OR NO SPERM)	1 (0.1%)
PROSTATITIS (PROSTATE INFECTION)	1 (0.1%)
GENITAL INFECTION	1 (0.1%)
BENIGN PROSTATIC HYPERTROPHY/HYPERPLASIA (BPH)	1 (0.1%)

Dental disorders

What dental disorders has this dog been diagnosed with?

OVERBITE	10 (0.8%)
OTHER	9 (0.7%)
UNDERBITE	3 (0.2%)
PERIODONTAL DISEASE	3 (0.2%)
MISSING TEETH, PREMOLARS	2 (0.2%)
RETAINED DECIDUOUS (PUPPY) TEETH	1 (0.1%)
MISSING TEETH, MOLARS	1 (0.1%)
BASE NARROW TEETH	1 (0.1%)

Allergic disorders

What allergy disorders has this dog been diagnosed with?

FOOD ALLERGIES	77 (6.3%)
ENVIRONMENTAL ALLERGIES	54 (4.4%)
ATOPY (INHALANT) SEASONAL	31 (2.5%)
TOPICAL/CONTACT ALLERGIES	16 (1.3%)
FLEA ALLERGIES	13 (1.1%)
ATOPY (INHALANT) NON-SEASONAL	10 (0.8%)
DRUG ALLERGIES	5 (0.4%)
OTHER ALLERGIES	2 (0.2%)

What treatments has this dog been given for allergy disorders?

DIPHENHYDRAMINE (BENADRYL)	67 (5.5%)
THIS DOG IS NOT GIVEN TREATMENTS FOR ALLERGIES	42 (3.4%)
STEROID THERAPY	42 (3.4%)
MEDICATED OR ROUTINE BATHING	42 (3.4%)
ANTIBIOTIC THERAPY	40 (3.3%)
ANTI-FUGAL TOPICAL	16 (1.3%)
HYDROXYZINE	15 (1.2%)
HOMEOPATHIC REMEDIES	12 (1%)
CETIRIZINE (ZYRTEC)	9 (0.7%)
IVERMECTIN	4 (0.3%)
CLEMASTINE FUMARATE (TAVIST)	4 (0.3%)

Immune system disorders

What immune system disorders has this dog been diagnosed with?

OTHER IMMUNE SYSTEM DISORDER	2 (0.2%)
PHEMPHIGUS (BULBOUS, FOLIACEUS)	1 (0.1%)

At what age was this dog first diagnosed?

7 YEARS	2 (0.2%)
2 YEARS	2 (0.2%)
1 YEAR	2 (0.2%)
0 TO 6 MONTHS	2 (0.2%)
6-12 MONTHS	1 (0.1%)
5 YEARS	1 (0.1%)

Temperament disorders

Describe the temperament issues your dog exhibits

SHYNESS	18 (1.5%)
RESERVED	13 (1.1%)
OTHER	12 (1%)
SEPARATION ANXIETY	11 (0.9%)
AGGRESSIVE TO PEOPLE	10 (0.8%)

FEAR OF NOISE	7 (0.6%)
AGGRESSIVE TO DOGS IN HOUSEHOLD	7 (0.6%)
FEAR OF STORMS	5 (0.4%)
AGGRESSIVE TO ALL DOGS	5 (0.4%)
RAGE SYNDROME	1 (0.1%)

Obsessive compulsive disorders/diseases

What Obsessive Compulsive Disorders has this dog been diagnosed with?

PICA (EATS NON-FOOD ITEMS OFTEN)	8 (0.7%)
COPROPHAGIA (CONSUMPTION OF FECES)	7 (0.6%)
FLY-BITING	6 (0.5%)
FOREIGN BODY REMOVAL (E.G. ROCKS, TOYS, FABRIC, BONES, ETC.)	4 (0.3%)

Breeding status

Has this dog had puppies?

N	929 (75.8%)
Y	239 (19.5%)

Has this dog produced puppies with congenital abnormalities?

N	1007 (82.2%)
Y	53 (4.3%)

Has this dog had a caesarian section?

N	949 (77.5%)
Y	93 (7.6%)

Whelping/litter followups

How many puppies has this dog produced?

10 TO 20	80 (6.5%)
FOUR TO 10	79 (6.4%)
20 TO 30	36 (2.9%)
30 TO 70	23 (1.9%)
THREE OR FEWER	18 (1.5%)
OVER 70 PUPPIES	3 (0.2%)

How many litters has this dog produced?

1	74 (6%)
2	72 (5.9%)
3	37 (3%)
4	26 (2.1%)
6-10	16 (1.3%)
5	11 (0.9%)
16-20	2 (0.2%)
21-25	1 (0.1%)
11-15	1 (0.1%)

What congenital abnormalities has this dog produced?

OTHER CONGENITAL DEFECT	24 (2%)
HERNIA, UMBILICAL	13 (1.1%)
CLEFT PALATE	6 (0.5%)

Was this Caesarian section planned?

NO, THIS WAS UNPLANNED (EMERGENCY)	43 (3.5%)
YES, THIS WAS A PLANNED CAESARIAN	28 (2.3%)
BOTH PLANNED AND UNPLANNED	22 (1.8%)