Table 3 Frequency of reported dog breeds (for dogs with a breed other than 'mixed') across patient age for those breeds that accounted for >1% of bites

Breed	Total no. bites	0–3 years	Four to six years	Seven years to 12 years	13–18 years	>18 years	No. county registrations (%)*
Pit Bull	1687 (27.2%)	66 (20.7%)	90 (6.0%)	207 (30.4%)	**184 (36.7%)**	1140 (26.4%)	886 (4.9%)
p		1	1	1	**<0.01**		
German Shepherd	647 (10.5%)	29 (9.1%)	33 (8.9%)	75 (11.0%)	46 (9.2%)	464 (10.7%)	930 (5.2%)
p		1	1	1	1		
Labrador Retriever	448 (7.2%)	24 (0.8%)	30 (8.1%)	52 (7.6%)	30 (6.0%)	312 (7.2%)	1787 (10.0%)
p		1	1	1	1		
Boxer	282 (4.6%)	14 (4.4%)	13 (3.5%)	29 (4.3%)	20 (4.0%)	206 (4.8%)	580 (3.3%)
p		1	1	1	1		
Rottweiler	240 (3.9%)	9 (2.8%)	12 (3.2%)	20 (2.9%)	27 (5.3%)	172 (4.0%)	241 (1.4%)
p		1	1	1	1		
Beagle	202 (3.3%)	17 (5.3%)	6 (1.6%)	24 (3.5%)	18 (3.6%)	137 (3.2%)	682 (3.8%)
p		1	1	1	1		
Jack Russell	181 (2.9%)	8 (2.5%)	12 (3.2%)	20 (2.9%)	9 (1.8%)	132 (3.1%)	153 (0.86%)
p		1	1	1	1		
Bulldog	177 (2.9%)	10 (3.1%)	13 (3.5%)	24 (3.5%)	12 (2.4%)	118 (2.7%)	395 (2.2%)
p		1	1	1	1		
Chihuahua	160 (2.6%)	11 (3.4%)	13 (3.5%)	18 (2.6%)	6 (1.2%)	112 (2.6%)	778 (4.4%)
p		1	1	1	1		
Husky	145 (2.3%)	7 (2.2%)	9 (2.4%)	6 (0.9%)	13 (2.6%)	110 (2.5%)	226 (1.3%)
p		1	1	0.53	1		
Golden Retriever	140 (2.3%)	6 (1.9%)	9 (2.4%)	6 (2.8%)	14 (2.8%)	90 (2.1%)	1062 (6.0%)
p		1	1	1	1		
Dachshund	137 (2.2%)	9 (2.8%)	7 (1.9%)	14 (2.1%)	9 (1.8%)	98 (2.3%)	504 (2.8%)
p		1	1	1	1		
Mastiff	116 (1.9%)	5 (1.6%)	6 (1.6%)	14 (2.1%)	9 (1.8%)	82 (1.9%)	158 (0.90%)
p		1	1	1	1		
Shih-Tzu	115 (1.9%)	**18 (5.6%)**	12 (3.2%)	13 (1.9%)	8 (1.6%)	64 (1.5%)	756 (4.2%)
p		**<0.01**	1	1	1		
Poodle	79 (1.6%)	7 (2.2%)	0 (0%)	4 (0.6%)	14 (2.8%)	74 (1.7%)	371 (2.1%)
p		1	0.36	1	1		
Cocker Spaniel	90 (1.5%)	7 (2.2%)	6 (1.6%)	7 (1.0%)	5 (1.0%)	65 (1.5%)	271 (1.5%)
p		1	1	1	1		
Yorkshire Terrier	84 (1.4%)	1 (0.3%)	9 (2.4%)	10 (1.5%)	8 (1.6%)	56 (1.3%)	633 (3.6%)
p		1	1	1	1		
Great Dane	79 (1.3%)	5 (1.6%)	8 (2.2%)	11 (1.6%)	0 (0%)	55 (1.2%)	96 (0.54%)
p		1	1	1	0.33		
Australian Shepherd	70 (1.1%)	2 (0.6%)	6 (1.6%)	9 (1.3%)	3 (0.6%)	50 (1.2%)	177 (0.99%)
p		1	1	1	1		
Doberman Pinscher	68 (1.1%)	5 (1.6%)	3 (0.8%)	10 (1.5%)	6 (1.2%)	44 (1.0%)	147 (0.82%)
p		1	1	1	1		
Boston Terrier	67 (1.1%)	4 (1.3%)	9 (2.4%)	5 (0.7%)	7 (1.4%)	42 (1.0%)	200 (1.1%)
p		1	1	1	1		
Border Collie	66 (1.1%)	5 (1.6%)	5 (1.4%)	6 (0.9%)	1 (0.2%)	49 (1.1%)	186 (1.0%)
p		1	1	1	1		
Akita	64 (0.9%)	3 (0.9%)	7 (1.9%)	11 (1.6%)	4 (0.8%)	39 (0.9%)	31 (0.12%)
p		1	1	1	1		
Collie	63 (1.0%)	1 (0.3%)	6 (1.6%)	7 (1.0%)	8 (1.6%)	41 (0.9%)	100 (0.56%)
p		1	1	1	1		
Total	6191	319	370	681	502	4319	17 823

Two-tailed p values are obtained by Fisher's exact test followed by Bonferroni's correction.

*Estimated community prevalence derived from owner-reported data on dog registrations expiring in 2016 from the Allegheny County Treasurer, removing all mixed breed from data set prior to calculations.

by pit bulls has been previously reported (10,16,24). The high frequency of pit bull is likely due to several reasons. Pit bulls are heterogeneous and typically refer to three breeds of dog: the American Staffordshire terrier, the Staffordshire bull terrier and the American pit bull terrier. Because of this, the term 'pit bull-type' dog is likely a