

Supplemental Table S2. Included breeds.

Breed	Number
Mixed breed	188
Shetland sheepdog	126
Cocker spaniel	74
Miniature schnauzer	63
Bichon frise	58
Beagle	55
Pomeranian	48
Border terrier	41
Chihuahua	36
Shih tzu	34
Jack Russell terrier	27
Labrador retriever	26
Miniature poodle	25
Yorkshire terrier	25
Pug	24
Dachshund (unspecified size)	23
Maltese	22
German shepherd dog	21
Toy poodle	21
American cocker spaniel	15
Cairn terrier	14
Scottish terrier	12
Miniature pinscher	11
West Highland white terrier	11
Miniature dachshund	10
Poodle (unspecified size)	9
Shiba Inu	9
Cavalier King Charles spaniel	8
Havanese	8
Golden retriever	7
Lhasa apso	7
Soft-coated wheaten terrier	7
Fox terrier	5
Bernese mountain dog	4
Border collie	4
English cocker spaniel	4
Siberian husky	4

Silky terrier	4
Brussels griffon	3
Chow chow	3
Rough collie	3
Pekingese	3
Rat terrier	3
Schnauzer (unspecified size)	3
Staffordshire bull terrier	3
Toy fox terrier	3
American Eskimo dog	2
Basset hound	2
Boston terrier	2
Collie	2
Doberman Pincher	2
English setter	2
English springer spaniel	2
Irish setter	2
Japanese chin	2
Keeshond	2
Nova Scotia duck tolling retriever	2
Standard poodle	2
Affenpinscher	1
Airedale terrier	1
Akita	1
American water spaniel	1
Australian shepherd	1
Australian terrier	1
Basenji	1
Basset fauve de Bretagne	1
Berger de Pyrenees	1
Black Russian terrier	1
Boxer	1
Brittany spaniel	1
Bull terrier	1
Catahoula leopard dog	1
Cattle dog – Swedish (Vallhund)	1
Chinese crested dog	1
Cockapoo	1
Coonhound	1
Coonhound, red bone	1
Dogo Argentino	1

Dogue de Bordeaux	1
Drentsche patrijs	1
English coonhound	1
Eskimo dog	1
French bulldog	1
French poodle	1
German shorthair pointer	1
Great Dane	1
Great Pyrenees	1
Great Swiss mountain dog	1
Irish terrier	1
Italian greyhound	1
Italian spinone	1
Japanese spitz	1
Alaskan klee kai	1
Lakeland terrier	1
Belgian malinois	1
Schnauzer (medium)	1
Miniature Australian shepherd	1
Miniature spitz	1
Newfoundland	1
Norwegian elkhound	1
Papillion	1
Parson Russell Terrier	1
Pembroke Welsh corgi	1
Perro de agua Espagnol	1
Pinscher	1
Pit bull terrier	1
Podenco Andaluz	1
Podenco Canario	1
Prazsky kryсарik	1
Small Munsterlander	1
Springer spaniel	1
Standard dachshund	1
Welsh terrier	1
White shepherd	1