



## Elbow Dysplasia Scheme Breed Specific Statistics 2019

The below table shows the Elbow Dysplasia results for all breeds that have been tested since 1999 broken down by breed and grade.

Elbow grading should be considered along with other criteria as part of a responsible breeding programme. It is strongly recommended that breeders choose breeding stock (both dogs and bitches) from animals with an overall elbow grade of 0. Dogs with elbow grades of 2 or 3 have marked osteoarthritis which is highly likely to be due to elbow dysplasia. Dogs with elbow grades of 1 show mild or early osteoarthritis which is also likely to be due to elbow dysplasia.

Elbow Dysplasia status of the parents, siblings and progeny for Kennel Club registered dogs should also be considered, and these together with a three generation Health Test Pedigree may be downloaded via the Health Test Results Finder, available on the Kennel Club's online health tool Mate Select. In addition, estimated breeding values (EBVs) are available for breeds in which a significant number of breeds have been graded, via the same link.

Breed	Number of dogs graded	Grades								Grades 1, 2 & 3	
		0		1		2		3		Number graded	%
		Number graded	%	Number graded	%	Number graded	%	Number graded	%		
Airedale Terrier	12	8	67%	3	25%	1	8%	0	0%	4	33%
Akita	10	10	100%	0	0%	0	0%	0	0%	0	0%
Alaskan Malamute	51	44	86%	4	8%	3	6%	0	0%	7	14%
American Bulldog	98	61	62%	18	18%	13	13%	6	6%	37	38%
Anatolian Shepherd Dog	6	5	83%	0	0%	1	17%	0	0%	1	17%
Australian Cattle Dog	116	93	80%	16	14%	6	5%	1	1%	23	20%
Australian Kelpie	8	7	88%	1	13%	0	0%	0	0%	1	13%
Australian Shepherd	283	271	96%	8	3%	3	1%	1	0%	12	4%
Barbet (Imp)	7	4	57%	2	29%	1	14%	0	0%	3	43%
Basenji	2	2	100%	0	0%	0	0%	0	0%	0	0%
Basset Fauve De Bretagne	1	1	100%	0	0%	0	0%	0	0%	0	0%
Basset Griffon Vendéen (Grand)	1	0	0%	1	100%	0	0%	0	0%	1	100%
Basset Hound	3	1	33%	1	33%	1	33%	0	0%	2	67%
Bavarian Mountain Hound (Imp)	4	4	100%	0	0%	0	0%	0	0%	0	0%
Beagle	6	6	100%	0	0%	0	0%	0	0%	0	0%
Bearded Collie	302	279	92%	13	4%	5	2%	5	2%	23	8%
Beauceron	7	5	71%	1	14%	1	14%	0	0%	2	29%
Belgian Shepherd Dog (Groenendael)	11	11	100%	0	0%	0	0%	0	0%	0	0%
Belgian Shepherd Dog (Laekenois)	3	3	100%	0	0%	0	0%	0	0%	0	0%
Belgian Shepherd Dog (Malinois)	93	86	92%	7	8%	0	0%	0	0%	7	8%
Belgian Shepherd Dog (Tervueren)	14	11	79%	2	14%	1	7%	0	0%	3	21%
Bergamasco (Imp)	1	1	100%	0	0%	0	0%	0	0%	0	0%
Bernese Mountain Dog	1836	1200	65%	260	14%	251	14%	125	7%	636	35%
Black and Tan Coonhound (Imp)	15	13	87%	2	13%	0	0%	0	0%	2	13%
Bloodhound	42	25	60%	9	21%	7	17%	1	2%	17	40%
Boerboel	331	215	65%	47	14%	39	12%	30	9%	116	35%
Border Collie	354	347	98%	7	2%	0	0%	0	0%	7	2%
Border Terrier	2	0	0%	2	100%	0	0%	0	0%	2	100%
Bouvier Des Flandres	37	32	86%	2	5%	3	8%	0	0%	5	14%
Boxer	13	12	92%	1	8%	0	0%	0	0%	1	8%
Bracco Italiano	210	157	75%	39	19%	12	6%	2	1%	53	25%
Briard	1	1	100%	0	0%	0	0%	0	0%	0	0%
Brittany	1	1	100%	0	0%	0	0%	0	0%	0	0%
Bull Terrier	1	0	0%	0	0%	1	100%	0	0%	1	100%
Bull Terrier (Miniature)	3	1	33%	2	67%	0	0%	0	0%	2	67%
Bulldog	8	3	38%	0	0%	2	25%	3	38%	5	63%
Bullmastiff	122	71	58%	22	18%	22	18%	7	6%	51	42%
Canaan Dog	3	3	100%	0	0%	0	0%	0	0%	0	0%
Catalan Sheepdog	8	7	88%	1	13%	0	0%	0	0%	1	13%
Cavalier King Charles Spaniel	2	1	50%	0	0%	1	50%	0	0%	1	50%
Chihuahua (Smooth Coat)	1	1	100%	0	0%	0	0%	0	0%	0	0%
Chow Chow	145	57	39%	23	16%	37	26%	28	19%	88	61%
Cockapoo	19	19	100%	0	0%	0	0%	0	0%	0	0%
Collie (Rough)	8	8	100%	0	0%	0	0%	0	0%	0	0%
Collie (Smooth)	3	3	100%	0	0%	0	0%	0	0%	0	0%
Dachshund (Long Haired)	1	0	0%	1	100%	0	0%	0	0%	1	100%
Dalmatian	109	102	94%	6	6%	1	1%	0	0%	7	6%
Dobermann	56	55	98%	1	2%	0	0%	0	0%	1	2%
Dogue de Bordeaux	390	241	62%	63	16%	58	15%	28	7%	149	38%
English Setter	6	5	83%	0	0%	1	17%	0	0%	1	17%
Entlebucher Mountain Dog (Imp)	1	1	100%	0	0%	0	0%	0	0%	0	0%
Estrela Mountain Dog	13	10	77%	1	8%	2	15%	0	0%	3	23%
Eurasier	175	166	95%	5	3%	3	2%	1	1%	9	5%
Finnish Lapphund	15	15	100%	0	0%	0	0%	0	0%	0	0%
French Bulldog	6	4	67%	2	33%	0	0%	0	0%	2	33%
German Pinscher	2	2	100%	0	0%	0	0%	0	0%	0	0%
German Longhaired Pointer	1	1	100%	0	0%	0	0%	0	0%	0	0%

Breed	Number of dogs graded	Grades								Grades 1, 2 & 3	
		0		1		2		3			
		Number graded	%	Number graded	%	Number graded	%	Number graded	%	Number graded	%
German Shepherd Dog	5678	4644	82%	567	10%	303	5%	164	3%	1034	18%
German Shorthaired Pointer	81	78	96%	3	4%	0	0%	0	0%	3	4%
German Spitz (Klein)	5	4	80%	1	20%	0	0%	0	0%	1	20%
German Wirehaired Pointer	66	61	92%	4	6%	1	2%	0	0%	5	8%
Giant Schnauzer	55	52	95%	3	5%	0	0%	0	0%	3	5%
Glen Of Imaal Terrier	2	2	100%	0	0%	0	0%	0	0%	0	0%
Goldendoodle	78	71	91%	3	4%	4	5%	0	0%	7	9%
Gordon Setter	18	11	61%	5	28%	1	6%	1	6%	7	39%
Great Dane	200	176	88%	9	5%	10	5%	5	3%	24	12%
Great Swiss Mountain Dog	57	46	81%	6	11%	4	7%	1	2%	11	19%
Havanese	11	8	73%	3	27%	0	0%	0	0%	3	27%
Hovawart	13	13	100%	0	0%	0	0%	0	0%	0	0%
Hungarian Pumi (Imp)	17	14	82%	2	12%	1	6%	0	0%	3	18%
Hungarian Vizsla	386	357	92%	23	6%	2	1%	4	1%	29	8%
Hungarian Wire Haired Vizsla	78	73	94%	3	4%	2	3%	0	0%	5	6%
Irish Red & White Setter	9	9	100%	0	0%	0	0%	0	0%	0	0%
Irish Setter	12	12	100%	0	0%	0	0%	0	0%	0	0%
Irish Wolfhound	6	4	67%	1	17%	0	0%	1	17%	2	33%
Italian Greyhound	1	1	100%	0	0%	0	0%	0	0%	0	0%
Italian Spinone	81	69	85%	6	7%	6	7%	0	0%	12	15%
Japanese Akita Inu	3	3	100%	0	0%	0	0%	0	0%	0	0%
Keeshond	36	31	86%	5	14%	0	0%	0	0%	5	14%
Komondor	4	4	100%	0	0%	0	0%	0	0%	0	0%
Kooikerhondje	2	2	100%	0	0%	0	0%	0	0%	0	0%
Korthals Griffon (Imp)	28	24	86%	2	7%	1	4%	1	4%	4	14%
Labradoodle	976	932	95%	37	4%	7	1%	0	0%	44	5%
Lagotto Romagnolo	52	51	98%	1	2%	0	0%	0	0%	1	2%
Large Munsterlander	251	198	79%	34	14%	14	6%	5	2%	53	21%
Leonberger	966	882	91%	60	6%	10	1%	14	1%	84	9%
Maremma Sheepdog	4	3	75%	1	25%	0	0%	0	0%	1	25%
Mastiff	158	131	83%	7	4%	13	8%	7	4%	27	17%
Miniature Schnauzer	2	2	100%	0	0%	0	0%	0	0%	0	0%
Neapolitan Mastiff	18	11	61%	4	22%	1	6%	2	11%	7	39%
Newfoundland	1127	809	72%	170	15%	103	9%	45	4%	318	28%
Norwegian Elkhound	8	8	100%	0	0%	0	0%	0	0%	0	0%
Old English Sheepdog	51	48	94%	3	6%	0	0%	0	0%	3	6%
Otterhound	125	47	38%	40	32%	29	23%	9	7%	78	62%
Picardy Sheepdog (Imp)	5	4	80%	1	20%	0	0%	0	0%	1	20%
Pointer	11	10	91%	1	9%	0	0%	0	0%	1	9%
Pomeranian	2	2	100%	0	0%	0	0%	0	0%	0	0%
Poodle (Miniature)	21	16	76%	5	24%	0	0%	0	0%	5	24%
Poodle (Standard)	101	91	90%	10	10%	0	0%	0	0%	10	10%
Poodle (Toy)	4	2	50%	1	25%	1	25%	0	0%	2	50%
Portuguese Pointer (Imp)	1	1	100%	0	0%	0	0%	0	0%	0	0%
Portuguese Water Dog	76	69	91%	5	7%	2	3%	0	0%	7	9%
Pug	6	1	17%	3	50%	2	33%	0	0%	5	83%
Pyrenean Mountain Dog	39	39	100%	0	0%	0	0%	0	0%	0	0%
Pyrenean Sheepdog (Long Haired)	14	14	100%	0	0%	0	0%	0	0%	0	0%
Retriever (Chesapeake Bay)	72	61	85%	6	8%	4	6%	1	1%	11	15%
Retriever (Curly Coated)	12	12	100%	0	0%	0	0%	0	0%	0	0%
Retriever (Flat Coated)	510	503	99%	5	1%	1	0%	1	0%	7	1%
Retriever (Golden)	5927	4658	79%	739	12%	446	8%	84	1%	1269	21%
Retriever (Labrador)	24326	21216	87%	1961	8%	775	3%	374	2%	3110	13%
Retriever (Nova Scotia Duck Tolling)	267	260	97%	5	2%	2	1%	0	0%	7	3%
Rhodesian Ridgeback	652	570	87%	51	8%	26	4%	5	1%	82	13%
Rottweiler	1519	767	50%	420	28%	292	19%	40	3%	752	50%
Russian Black Terrier	75	45	60%	13	17%	13	17%	4	5%	30	40%
Samoyed	15	13	87%	1	7%	0	0%	1	7%	2	13%
Schnauzer	4	4	100%	0	0%	0	0%	0	0%	0	0%
Scottish Terrier	1	1	100%	0	0%	0	0%	0	0%	0	0%
Shar Pei	8	4	50%	1	13%	2	25%	1	13%	4	50%
Shetland Sheepdog	28	27	96%	1	4%	0	0%	0	0%	1	4%
Shih Tzu	3	3	100%	0	0%	0	0%	0	0%	0	0%
Siberian Husky	21	21	100%	0	0%	0	0%	0	0%	0	0%
Slovakian Rough Haired Pointer (Imp)	2	2	100%	0	0%	0	0%	0	0%	0	0%
Small Munsterlander (Imp)	1	1	100%	0	0%	0	0%	0	0%	0	0%
Soft Coated Wheaten Terrier	3	1	33%	1	33%	1	33%	0	0%	2	67%
Spaniel (American Cocker)	1	0	0%	1	100%	0	0%	0	0%	1	100%
Spaniel (Clumber)	238	219	92%	10	4%	6	3%	3	1%	19	8%
Spaniel (Cocker)	193	185	96%	7	4%	1	1%	0	0%	8	4%

Breed	Number of dogs graded	Grades								Grades 1, 2 & 3	
		0		1		2		3			
		Number graded	%	Number graded	%	Number graded	%	Number graded	%	Number graded	%
Spaniel (English Springer)	201	181	90%	13	6%	7	3%	0	0%	20	10%
Spaniel (Field)	52	51	98%	1	2%	0	0%	0	0%	1	2%
Spaniel (Irish Water)	249	196	79%	37	15%	15	6%	1	0%	53	21%
Spaniel (Sussex)	5	5	100%	0	0%	0	0%	0	0%	0	0%
Spaniel (Welsh Springer)	7	7	100%	0	0%	0	0%	0	0%	0	0%
Spanish Water Dog	15	15	100%	0	0%	0	0%	0	0%	0	0%
St. Bernard	231	189	82%	16	7%	14	6%	12	5%	42	18%
Staffordshire Bull Terrier	11	8	73%	0	0%	2	18%	1	9%	3	27%
Swedish Lapphund (Imp)	1	1	100%	0	0%	0	0%	0	0%	0	0%
Swedish Vallhund	2	1	50%	1	50%	0	0%	0	0%	1	50%
Tamaskan	66	63	96%	2	3%	1	2%	0	0%	3	5%
Tibetan Mastiff	136	109	80%	17	13%	5	4%	5	4%	27	20%
Tibetan Terrier	5	5	100%	0	0%	0	0%	0	0%	0	0%
Weimaraner	34	32	94%	1	3%	1	3%	0	0%	2	6%
Welsh Corgi (Cardigan)	5	5	100%	0	0%	0	0%	0	0%	0	0%
Welsh Corgi (Pembroke)	3	3	100%	0	0%	0	0%	0	0%	0	0%
West Highland White Terrier	1	1	100%	0	0%	0	0%	0	0%	0	0%
Whippet	1	1	100%	0	0%	0	0%	0	0%	0	0%
White Swiss Shepherd Dog (Imp)	22	18	82%	3	14%	1	5%	0	0%	4	18%
Xoloitzcuintle (Mex Hairless) Std (Imp)	14	13	93%	1	7%	0	0%	0	0%	1	7%