



Annual health report 2020

Eye examination result by breed

Data calculated to 31/12/20

The following summary covers all breeds that have been tested in the last 15 years, and the respective count of affected dogs during this time. The data reflects Kennel Club registered dogs only and dogs with repeated tests may alter final numbers. Please note prior to July 2017 gonioscopy grades were either affected/ unaffected, and following then grades were implemented for PLA (0-3). MRD results prior to 2019 are recorded in the open register (<https://www.thekennelclub.org.uk/for-vets-and-researchers/mrd-eye-results/>) NB: Individual results are not published for breeds which do not have a known inherited eye disease. Examinations performed on these breeds are recorded as 'test results with owner'.

Breed	Total Number Tested	Unaffected	Affected	Test result with owner	CEA	TRD	CHC	PHPV	PPM	G	GPRA	CPRA	HC	PLL	MRD	POAG	BR	PLA *Not counted in affected/unaffected			
																		Grade 0	Grade 1	Grade 2	Grade 3
Affenpinscher	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0				
Afghan Hound	9	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0				
Airedale Terrier	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0				
Akita	119	1	0	118	0	0	0	0	0	0	0	0	0	0	0	0	0				
Alaskan Malamute	2465	2381	80	7	0	0	0	0	0	0	0	0	77	0	0	0	0				
Australian Cattle Dog	88	87	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0				
Australian Shepherd	973	962	7	4	0	0	0	0	0	0	0	0	7	0	0	0	0				
Australian Silky Terrier	10	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0				
Australian Terrier	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0				
Barbet (Imp)	23	5	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0				
Basenji	52	5	1	46	0	0	0	0	1	0	0	0	0	0	0	0	0				
Basset Griffon Vendéen (Grand)	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0				
Basset Griffon Vendéen (Petit)	178	149	27	2	0	0	0	0	0	0	0	0	0	0	0	27	0				
Basset Hound	559	386	53	2	0	0	0	0	0	53	0	0	0	0	0	0	0	47	47	21	3
Beagle	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bearded Collie	97	2	0	95	0	0	0	0	0	0	0	0	0	0	0	0	0				
Beauceron	46	2	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bedlington Terrier	279	279	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Belgian Shepherd Dog (Groenendael)	292	280	12	0	0	0	0	0	0	0	0	0	12	0	0	0	0				
Belgian Shepherd Dog (Laekenois)	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Belgian Shepherd Dog (Malinois)	166	163	1	2	0	0	0	0	0	0	0	0	1	0	0	0	0				
Belgian Shepherd Dog (Tervueren)	500	489	9	2	0	0	0	0	0	0	0	0	9	0	0	0	0				
Bernese Mountain Dog	11	4	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0				
Black & Tan Coonhound (Imp)	6	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bichon Frise	905	895	5	5	0	0	0	0	0	0	0	0	5	0	0	0	0				

Bloodhound	14	1	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bolognese	73	0	0	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Border Collie	3806	3598	2	193	2	0	0	0	0	0	0	0	0	0	0	0	0	0	12	1	0	0
Border Terrier	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Borzoï	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Boston Terrier	1357	1250	100	8	0	0	0	0	0	0	0	0	99	0	0	0	0	0				
Bouvier Des Flandres	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Boxer	27	0	0	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bracco Italiano	79	2	0	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Braque D'Auvergne (Imp)	4	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Briard	53	47	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Brittany	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bulldog	154	6	0	148	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bullmastiff	30	1		29	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bull Terrier	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Bull Terrier (Miniature)	353	344	9	0	0	0	0	0	0	0	0	0	0	9	0	0	0	0				
Cairn Terrier	282	21	0	261	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Canaan Dog	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Canadian Eskimo Dog	65	3	0	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Catalan Sheepdog	33	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Cavalier King Charles Spaniel	8973	8925	36	12	0	0	0	0	0	0	0	0	34	0	2	0	0	0				
Cesky Terrier	30	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chihuahua (Long Coat)	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chihuahua (Smooth Coat)	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chinese Crested	39	1	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Chow Chow	69	2	0	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Collie (Rough)	772	555	217	0	217	0	0	0	0	0	0	0	0	0	0	0	0	0				
Collie (Smooth)	183	177	4	2	4	0	0	0	0	0	0	0	0	0	0	0	0	0				
Coton De Tulear	79	1	0	78	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dachshund (Miniature Long Haired)	121	112	1	8	0	0	0	0	0	0	0	1	0	0	0	0	0	0				
Dachshund (Long Haired)	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dachshund (Miniature Smooth Haired)	68	3	0	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dashshund (Miniature Wire Haired)	27	1	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dashshund (Smooth Haired)	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dashshund (Wire Haired)	30	2	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dalmatian	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Dandie Dinmont Terrier	144	5	179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	46	13	0
Dobermann	911	887	22	2	0	0	0	22	0	0	0	0	0	0	0	0	0	0				
Dogue De Bordeaux	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
English Setter	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
English Toy Terrier (Black & Tan)	48	2	0	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Estrela Mountain Dog	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Eurasier	18	1	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Finnish Lapphund	780	763	3	14	0	0	0	0	0	0	0	3	0	0	0	0	0	0				
Finnish Spitz	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				

Fox Terrier (Smooth)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
Fox Terrier (Wire)	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
French Bulldog	291	19	0	272	0	0	0	0	0	0	0	0	0	0	0	0	0				
German Longhaired Pointer	19	5	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0				
German Pinscher	56	1	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0				
German Shorthaired Pointer	242	12	0	230	0	0	0	0	0	0	0	0	0	0	0	0	0				
German Shepherd Dog	531	457	0	74	0	0	0	0	0	0	0	0	0	0	0	0	0				
Giant Schnauzer	928	911	14	3	0	0	0	0	0	0	0	0	14	0	0	0	0				
German Spitz (Klein)	150	4	0	146	0	0	0	0	0	0	0	0	0	0	0	0	0				
German Spitz (Mittel)	221	7	0	214	0	0	0	0	0	0	0	0	0	0	0	0	0				
German Wirehaired Pointer	23	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0				
Glen Of Imaal Terrier	209	204	5	0	0	0	0	0	0	0	0	5	0	0	0	0	0				
Gordon Setter	358	353	4	1	0	0	0	0	0	0	4	0	0	0	0	0	0				
Great Dane	23	0	0	23	0	0	0	0	0	0	0	0	0	0	0	0	0				
Great Swiss Mountain Dog	58	1	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0				
Greenland Dog	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0				
Griffon Bruxellois	119	0	0	119	0	0	0	0	0	0	0	0	0	0	0	0	0				
Griffon Fauve De Bretagne (Imp)	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0				
Havanese	519	15	0	504	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hovawart	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hungarian Pumi	10	1	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hungarian Puli	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hungarian Vizsla	253	0	0	228	0	0	0	0	0	0	0	0	0	0	0	0	0	16	6	3	0
Hungarian Wirehaired Vizsla	75	11	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0				
Ibizan Hound	6	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0				
Irish Terrier	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0				
Irish Red & White Setter	645	625	20	0	0	0	0	0	0	0	0	0	20	0	0	0	0				
Irish Setter	491	489	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0				
Irish Wolfhound	36	35	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
Italian Greyhound	14	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0				
Italian Spinone	12	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0				
Jack Russell Terrier	23	4	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0				
Japanese Akita Inu	21	3	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0				
Japanese Chin	43	0	0	43	0	0	0	0	0	0	0	0	0	0	0	0	0				
Japanese Shiba Inu	653	483	7	10	0	0	0	0	0	0	0	0	0	0	0	0	0	91	65	4	0
Japanese Spitz	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0				
Keeshond	16	2	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0				
King Charles Spaniel	16	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0				
Komondor	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0				
Kooikerhondje	9	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0				
Koren Jindo (Imp)	51	2	0	49	0	0	0	0	0	0	0	0	0	0	0	0	0				
Lagotto Romagnolo	131	7	0	124	0	0	0	0	0	0	0	0	0	0	0	0	0				
Lancashire Heeler	687	668	19	0	8	0	0	0	0	0	0	0	0	11	0	0	0				
Lakeland Terrier	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0				
Large Munsterlander	632	617	15	0	0	0	0	0	0	0	0	0	15	0	0	0	0				

Leonberger	2222	2027	35	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	66	25	4
Lhasa Apso	3632	3613	15	5	0	0	0	0	0	0	0	14	0	0	0	0	0	0	0				
Lowchen (Little Lion Dog)	90	1	0	89	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Maltese	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Manchester Terrier	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Mastiff	19	0	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Miniature Pinscher	18	0	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Miniature Schnauzer	12535	12480	37	18	0	0	4	0	0	0	8	0	25	0	0	0	0	0					
Neopolitan Mastiff	3	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Newfoundland	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Norfolk Terrier	20	0	0	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Norwegian Buhund	245	240	5	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0					
Norwegian Elkhound	385	383	2	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0					
Otterhound	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Old English Sheepdog	761	751	8	2	0	0	0	0	0	0	0	0	8	0	0	0	0	0					
Papillon	47	0	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Parson Russell Terrier	306	306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pekingese	37	0	0	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Picardy Sheepdog (Imp)	11	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pointer	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Polish Lowland Sheepdog	122	1	0	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pomeranian	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Portuguese Podengo	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Portuguese Pointer (Imp)	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Portugese Water Dog	19	1	0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Poodle (Miniature)	1176	1169	4	3	0	0	0	0	0	0	4	0	0	0	0	0	0	0					
Poodle (Standard)	1543	1532	3	8	0	0	0	0	0	0	0	0	3	0	0	0	0	0					
Poodle (Toy)	636	629	1	6	0	0	0	0	0	0	1	0	0	0	0	0	0	0					
Pug	46	2	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pyrenean Mountain Dog	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Pyrenean Sheepdog (Longhaired)	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Retriever (Chesapeake Bay)	452	445	7	0	0	0	0	0	0	0	1	0	6	0	0	0	0	0					
Retriever (Curly Coated)	46	1	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Retriever (Flat Coated)	3420	2556	117	182	0	0	0	0	0	117	0	0	0	0	0	0	0	0	322	201	37	5	
Retriever (Golden)	26663	25735	309	320	0	0	0	0	0	0	0	0	303	0	5	0	0	212	69	17	2		
Retriever (Labrador)	67998	65600	1683	759	0	2	0	0	0	0	77	1	1576	0	5	0	0						
Retriever (Nova Scotia Duck Tolling)	873	867	6	0	0	0	0	0	0	0	6	0	0	0	0	0	0						
Rhodesian Ridgeback	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0						
Rottweiler	23	12	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0						
Russian Toy (Imp)	14	2	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0						
Samoyed	118	1	0	117	0	0	0	0	0	0	0	0	0	0	0	0	0						
Sealyham Terrier	55	52	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0						
Schipperke	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0						
Schnauzer	76	10	0	66	0	0	0	0	0	0	0	0	0	0	0	0	0						
Scottish Terrier	4	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0						

Shar Pei	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Shih Tzu	15	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Shetland Sheepdog	1492	1371	119	2	118	0	0	0	0	0	0	1	0	0	0	0	0					
Slovakian Rough Haired Pointer (Imp)	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0					
Siberian Husky	5040	4580	190	4	0	0	0	0	0	111	0	0	79	0	0	0	0	167	71	24	4	
Soft Coated Wheaten Terrier	217	8	0	209	0	0	0	0	0	0	0	0	0	0	0	0	0					
Spaniel (American Cocker)	2544	2385	72	1	0	0	0	0	0	10	1	0	58	0	3	0	0	59	22	5	0	
Spaniel (Clumber)	317	9	0	308	0	0	0	0	0	0	0	0	0	0	0	0	0					
Spaniel (Cocker)	18022	16450	128	35	0	0	0	0	0	93	29	6	0	0	0	0	0	962	369	67	11	
Spaniel (English Springer)	6543	6045	57	10	0	0	0	0	0	0	2	1	0	0	1	0	0	364	94	19	7	
Spaniel (Field)	139	4	0	135	0	0	0	0	0	0	0	0	0	0	0	0	0					
Spaniel (Irish Water)	109	1	0	108	0	0	0	0	0	0	0	0	0	0	0	0	0					
Spaniel (Sussex)	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0					
Spaniel (Welsh Springer)	1611	1356	61	0	0	0	0	0	0	60	0	0	0	0	0	0	0	99	71	15	10	
Spanish Water Dog	518	348	24	50	0	0	0	0	0	24	0	0	0	0	0	0	0	48	36	12	0	
St. Bernard	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0					
Staffordshire Bull Terrier	3479	3462	15	2	0	0	0	14	0	0	0	0	1	0	0	0	0					
Swedish Vallhund	72	24	3	45	0	0	0	0	0	0	0	0	0	0	0	0	0					
Tibetan Mastiff	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0					
Tibetan Spaniel	1664	1663	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0					
Tibetan Terrier	5204	5195	8	1	0	0	0	0	0	0	4	0	0	4	0	0	0					
Turkish Kangal	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0					
Weimaraner	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0					
Welsh Corgi (Cardigan)	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Welsh Corgi (Pembroke)	12	1	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0					
Welsh Terrier	15	4	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0					
Welsh Highland White Terrier	8	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0					
Whippet	154	8	0	146	0	0	0	0	0	0	0	0	0	0	0	0	0					
White Swiss Shepard Dog (Imp)	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0					
Working Sheepdog	51	4	0	47	0	0	0	0	0	0	0	0	0	0	0	0	0					
Xoloitzcuintle (Mex Hairless) Int (Imp)	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0					
Xoloitzcuintle (Mex Hairless) Min (Imp)	18	1	0	17	0	0	0	0	0	0	0	0	0	0	0	0	0					
Xoloitzcuintle (Mex Hairless) Std (Imp)	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0					
Yorkshire Terrier	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0					