



## Library Article

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### Bearded Collie OFA Ranking for Hips and Elbows

These data were obtained from OFA's web site. They will be updated whenever OFA publishes new data.

See other links for details of how OFA evaluates hip xrays and an approximation of OFA grades with those of other hip dysplasia registries (European, UK/Australia, Germany).

Preliminary hips evaluations (before the age of 24 months) may help determine a dog's future utility for performance events or as a breeding animal. According to the OFA site: "A recent publication\* compared the reliability of the preliminary evaluation hip grade phenotype with the 2 year old evaluation in dogs and there was 100% reliability for a preliminary grade of excellent being normal at 2 years of age (excellent, good, or fair). There was 97.9% reliability for a preliminary grade of good being normal at 2 years of age, and 76.9% reliability for a preliminary grade of fair being normal at 2 years of age. Reliability of preliminary evaluations increased as age at the time of preliminary evaluation increased, regardless of whether dogs received a preliminary evaluation of normal hip conformation or HD. For normal hip conformations, the reliability was 89.6% at 3-6 months, 93.8% at 7-12 months, and 95.2% at 13-18 months. These results suggest that preliminary evaluations of hip joint status in dogs are generally reliable. However, dogs that receive a preliminary evaluation of fair or mild hip joint conformation should be reevaluated at an older age (24 months)." \*Corley, EA, et al. *Reliability of Early Radiographic Evaluation for Canine Hip Dysplasia Obtained from the Standard Ventrodorsal Radiographic Projection*. JAVMA. Vol 211, No. 9, November 1997.

#### **Hip Evaluations.**

Beardies rank 130/168 (the higher the number the less dysplasia) with 4356 evaluated.

Overall from Jan 1974 - Dec 2012 the excellent rating is 16.4 and the dysplastic rating is 6.0%.



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<b>Hip Status</b>	<b>Born to 1990</b>	<b>Born 1991-95</b>	<b>Born 1996-2000</b>	<b>Born 2001-05</b>	<b>Born 2006-10</b>
Excellent	2.4%	16.5%	17.1%	22.7%	27.4
Dysplastic	8.3%	3.3%	4.3%	3.4%	2.6
# dogs	1715	844	744	651	416

### Elbow Evaluations

Like the hip certification, the OFA will not certify a normal elbow until the dog is 2 years of age. The OFA also accepts preliminary elbow radiographs. To date, there are no long term studies for preliminary elbow examinations like there are for hips, however, preliminary screening for elbows along with hips can also provide valuable information to the breeder.

These results are for 606 Beardies evaluated through 12/2012. Bearded Collies rank 72/109 for elbow normalcy.

<b>Elbow Status</b>	<b>%</b>
Normal	97.2
Dysplastic	2.5
Grade I dysplasia	2.0
Grade II dysplasia	0.3
Grade III dysplasia	0.2

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