

All data as of Dec-31-2021

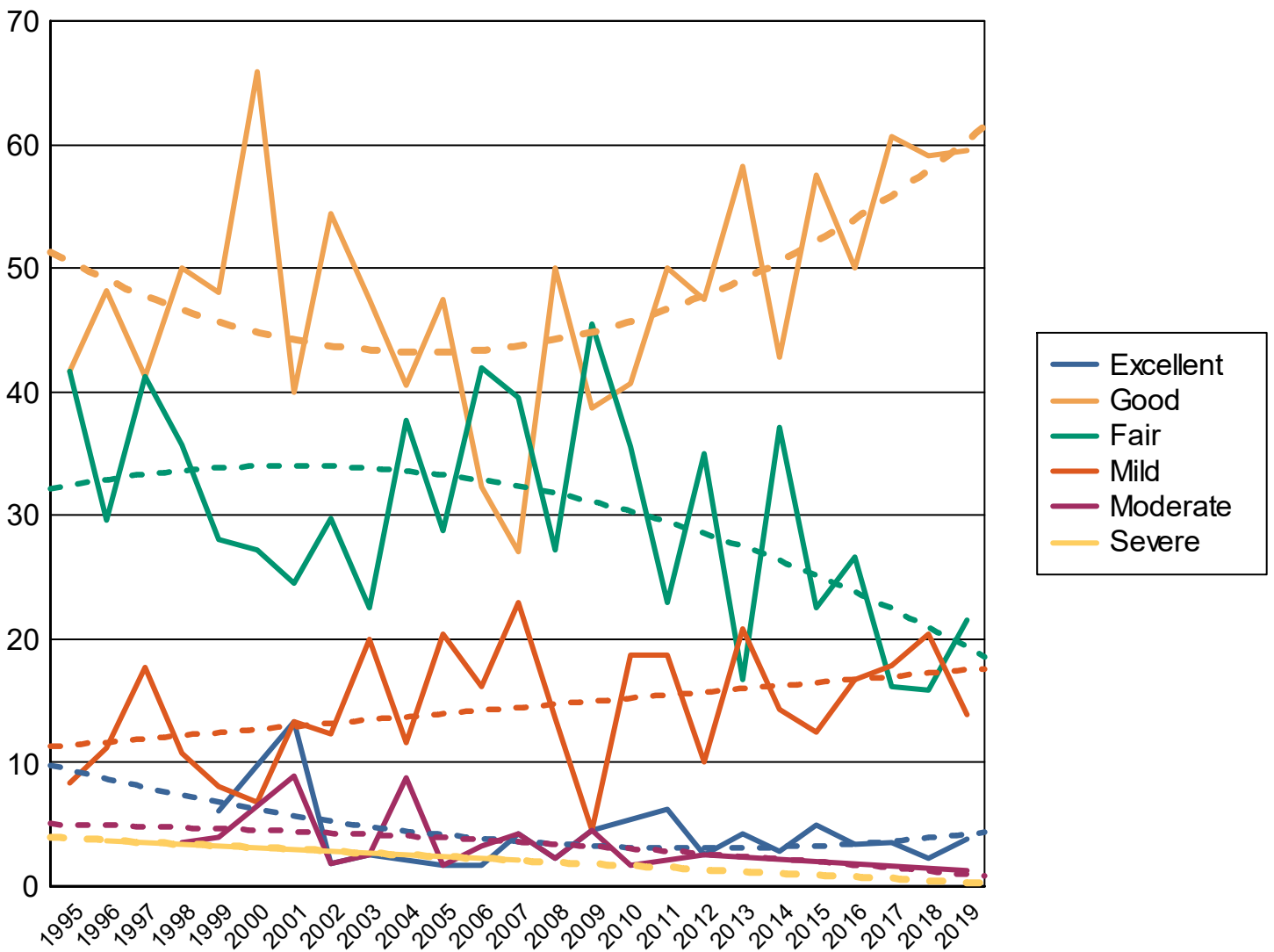
Dysplastic rank, all breeds with more than 100 cases

		Normals		Equival or Carrier		Abnormal	
Hips	43 of 196	1084	79.24%	26	1.90%	258	18.86%
Elbow		254	100.00%	0		0	
Congenital Cardiac		483	99.79%	0		1	0.21%
Thyroid		231	81.05%	36	12.63%	18	6.32%
Pra-Crd4/Cord1		8	100.00%	0		0	
Cobalamin Malabsorption		7	100.00%	0		0	
Patella		351	97.77%	0		8	2.23%
Primary Open Angle Glaucoma		98	100.00%	0		0	
Factor Xi Deficiency		1	100.00%	0		0	
Advanced Cardiac		64	100.00%	0		0	
Phosphofructokinase Deficiency		4	100.00%	0		0	
Progressive Retinal Atrophy		18	94.74%	1	5.26%	0	
Rcd4 Progressive Retinal Atrophy		5	50.00%	5	50.00%	0	
Imerslund-Grasbeck Syndrome		75	98.68%	1	1.32%	0	
Shoulder		3	100.00%	0		0	
Baer Hearing Test		7	100.00%	0		0	
Basic Cardiac		82	100.00%	0		0	
Primary Closed Angle Glaucoma		2	100.00%	0		0	
Pyruvate Kinase Deficiency		101	100.00%	0		0	
Chondrodysplasia (Cdpa)		2	100.00%	0		0	
OFA EYE Registry		441	100.00%	0		0	
Mizzou Biomarker Study		3	100.00%	0		0	
Musladin-Lueke Syndrome		312	90.96%	30	8.75%	1	0.29%
Neonatal Cerebellar Cortical Degene		105	100.00%	0		0	
Lafora Epilepsy		18	100.00%	0		0	

Legg-Calve-Perthes	18	100.00%	0	0		
Factor VII Deficiency	130	48.15%	115	42.59%	25	9.26%
Degenerative Myelopathy	64	92.75%	2	2.90%	3	4.35%

BEAGLE

Hip percentages by rating with trendlines



Percent submitted to the open registry
Hips

Report year	Cases	Excellent %	Good %	Fair %	Borderline %	Mild %	Moderate %	Severe %
1974	5	0	3 60.00%	2 40.00%	0	0	0	0
1975	3	0	1 33.33%	1 33.33%	0	1 33.33%	0	0
1976	2	0	1 50.00%	1 50.00%	0	0	0	0
1978	9	0	3 33.33%	4 44.44%	0	1 11.11%	1 11.11%	0
1980	2	0	0	2 100.00%	0	0	0	0
1981	5	0	5 100.00%	0	0	0	0	0
1982	2	0	1 50.00%	0	0	1 50.00%	0	0
1983	2	0	1 50.00%	1 50.00%	0	0	0	0
1984	3	0	1 33.33%	2 66.67%	0	0	0	0
1985	6	0	5 83.33%	0	0	0	1 16.67%	0
1986	5	0	3 60.00%	1 20.00%	0	1 20.00%	0	0
1987	5	0	2 40.00%	1 20.00%	0	1 20.00%	1 20.00%	0
1990	5	0	2 40.00%	0	0	2 40.00%	1 20.00%	0
1991	7	0	1 14.29%	5 71.43%	0	1 14.29%	0	0
1992	7	0	5 71.43%	2 28.57%	0	0	0	0
1993	16	1 6.25%	9 56.25%	2 12.50%	0	3 18.75%	1 6.25%	0
1994	16	0	9 56.25%	3 18.75%	0	3 18.75%	1 6.25%	0
1995	12	0	5 41.67%	5 41.67%	1 8.33%	1 8.33%	0	0
1996	27	0	13 48.15%	8 29.63%	2 7.41%	3 11.11%	0	1 3.70%
1997	17	0	7 41.18%	7 41.18%	0	3 17.65%	0	0
1998	28	0	14 50.00%	10 35.71%	0	3 10.71%	1 3.57%	0
1999	50	3 6.00%	24 48.00%	14 28.00%	3 6.00%	4 8.00%	2 4.00%	0

Percent submitted to the open registry

Hips

Report year	Cases	Excellent %	Good %	Fair %	Borderline %	Mild %	Moderate %	Severe %
2000	44	0	29	12	0	3	0	0
			65.91%	27.27%		6.82%		
2001	45	6	18	11	0	6	4	0
	8.89%	13.33%	40.00%	24.44%		13.33%	8.89%	
2002	57	1	31	17	0	7	1	0
	10.53%	1.75%	54.39%	29.82%		12.28%	1.75%	
2003	40	1	19	9	2	8	1	0
		2.50%	47.50%	22.50%	5.00%	20.00%	2.50%	
2004	69	0	28	26	1	8	6	0
	15.94%		40.58%	37.68%	1.45%	11.59%	8.70%	
2005	59	1	28	17	0	12	1	0
	20.34%	1.69%	47.46%	28.81%		20.34%	1.69%	
2006	62	1	20	26	3	10	2	0
	19.35%	1.61%	32.26%	41.94%	4.84%	16.13%	3.23%	
2007	48	2	13	19	0	11	2	1
	14.58%	4.17%	27.08%	39.58%		22.92%	4.17%	2.08%
2008	44	1	22	12	2	6	1	0
	29.55%	2.27%	50.00%	27.27%	4.55%	13.64%	2.27%	
2009	44	2	17	20	1	2	2	0
	31.82%	4.55%	38.64%	45.45%	2.27%	4.55%	4.55%	
2010	59	0	24	21	2	11	1	0
	42.37%		40.68%	35.59%	3.39%	18.64%	1.69%	
2011	48	3	24	11	1	9	0	0
	29.17%	6.25%	50.00%	22.92%	2.08%	18.75%		
2012	40	1	19	14	1	4	1	0
	45.00%	2.50%	47.50%	35.00%	2.50%	10.00%	2.50%	
2013	24	1	14	4	0	5	0	0
	37.50%	4.17%	58.33%	16.67%		20.83%		
2014	35	1	15	13	1	5	0	0
	37.14%	2.86%	42.86%	37.14%	2.86%	14.29%		
2015	40	2	23	9	1	5	0	0
	37.50%	5.00%	57.50%	22.50%	2.50%	12.50%		
2016	30	1	15	8	1	5	0	0
	30.00%	3.33%	50.00%	26.67%	3.33%	16.67%		
2017	56	2	34	9	1	10	0	0
	5.36%	3.57%	60.71%	16.07%	1.79%	17.86%		
2018	44	1	26	7	1	9	0	0
	29.55%	2.27%	59.09%	15.91%	2.27%	20.45%		
2019	79	3	47	17	0	11	1	0
	29.11%	3.80%	59.49%	21.52%		13.92%	1.27%	
2020	77	4	39	11	0	20	3	0
	22.08%	5.19%	50.65%	14.29%		25.97%	3.90%	
2021	88	3	45	13	2	21	4	0
	19.32%	3.41%	51.14%	14.77%	2.27%	23.86%	4.55%	
Totals	1,368	41	665	378	26	217	39	2
		3.00%	48.61%	27.63%	1.90%	15.86%	2.85%	0.15%

Elbow

<i>Report Year</i>	<i>Cases</i>	<i>Normal</i> <i>%</i>	<i>Grade 1</i> <i>%</i>	<i>Grade 2</i> <i>%</i>	<i>Grade 3</i> <i>%</i>	<i>Borderline</i> <i>%</i>
1996	2	2 100.00%				
1997	1	1 100.00%				
1998	4	4 100.00%				
1999	2	2 100.00%				
2000	5	5 100.00%				
2001	7	7 100.00%				
2002	3	3 100.00%				
2003	3	3 100.00%				
2004	5	5 100.00%				
2005	4	4 100.00%				
2006	16	16 100.00%				
2007	12	12 100.00%				
2008	8	8 100.00%				
2009	14	14 100.00%				
2010	8	8 100.00%				
2011	13	13 100.00%				
2012	13	13 100.00%				
2013	8	8 100.00%				
2014	10	10 100.00%				
2015	15	15 100.00%				
2016	13	13 100.00%				

Elbow

<i>Report Year</i>	<i>Cases</i>	<i>Normal %</i>	<i>Grade 1 %</i>	<i>Grade 2 %</i>	<i>Grade 3 %</i>	<i>Borderline %</i>
2017	18	18 100.00%				
2018	15	15 100.00%				
2019	18	18 100.00%				
2020	15	15 100.00%				
2021	22	22 100.00%				
Totals	254	254 100.00%				

Advanced Cardiac

Report year Cases Normal % Normal Abnormal % Abnormal Equivocal % Equivocal

Beagle

2016	9	9	100.0				
2017	7	7	100.0				
2018	18	18	100.0				
2019	16	16	100.0				
2020	7	7	100.0				
2021	6	6	100.0				
Totals	63	63	100.0				

Baer Hearing Test

Report year Cases Normal % Normal Abnormal % Abnormal Equivocal % Equivocal

Beagle

2010	3	3	100.0				
2016	2	2	100.0				
2018	2	2	100.0				
Totals	7	7	100.0				

Chondrodysplasia (Cdpa)

Report year Cases Normal % Normal Abnormal % Abnormal Carrier % Carrier

Beagle

2020	2	2	100.0				
Totals	2	2	100.0				

Chondrodystrophy (Cddy)

Report year Cases Normal % Normal Abnormal % Abnormal Carrier % Carrier

Beagle

2020	3			3	100.0		
Totals	3			3	100.0		

Cobalamin Malabsorption

Report year Cases Normal % Normal Abnormal % Abnormal Carrier % Carrier

Beagle

2015	3	3	100.0				
2016	2	2	100.0				
2017	1	1	100.0				
2021	1	1	100.0				
Totals	7	7	100.0				

Congenital Cardiac

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Equivocal</i>	<i>% Equivocal</i>
Beagle							
1997	1	1	100.0				
2002	2	2	100.0				
2003	5	5	100.0				
2004	11	11	100.0				
2005	7	7	100.0				
2006	16	16	100.0				
2007	25	25	100.0				
2008	19	19	100.0				
2009	36	35	97.2	1	2.8		
2010	29	29	100.0				
2011	39	39	100.0				
2012	25	25	100.0				
2013	28	28	100.0				
2014	17	17	100.0				
2015	30	30	100.0				
2016	81	81	100.0				
2017	31	31	100.0				
2018	30	30	100.0				
2019	24	24	100.0				
2020	26	26	100.0				
2021	2	2	100.0				
Totals	484	483	99.8	1	0.2		

Degenerative Myelopathy

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2010	1	1	100.0				
2013	1	1	100.0				
2015	2	2	100.0				
2016	6	4	66.7	2	33.3		
2017	3	2	66.7			1	33.3
2018	10	10	100.0				
2019	13	13	100.0				
2020	8	7	87.5			1	12.5
2021	25	24	96.0	1	4.0		
Totals	69	64	92.8	3	4.4	2	2.9

Dentition Database

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2021	1			1	100.0		
Totals	1			1	100.0		

Eyes

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Breeder opt.</i>	<i>% Breeder opt.</i>
Beagle							
2012	6	5	83.3			1	16.7
2013	32	23	71.9			9	28.1
2014	31	24	77.4			7	22.6
2015	61	41	67.2			20	32.8
2016	41	26	63.4			15	36.6
2017	29	21	72.4			8	27.6
2018	54	37	68.5			17	31.5
2019	57	41	71.9			16	28.1
2020	60	54	90.0			6	10.0
2021	70	58	82.9			12	17.1
Totals	441	330	74.8			111	25.2

Factor VII Deficiency

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2009	6	4	66.7			2	33.3
2011	26	14	53.9	4	15.4	8	30.8
2012	43	11	25.6	8	18.6	24	55.8
2013	13	3	23.1	1	7.7	9	69.2
2014	15	9	60.0	2	13.3	4	26.7
2015	21	11	52.4	2	9.5	8	38.1
2016	9	3	33.3			6	66.7
2017	23	16	69.6	3	13.0	4	17.4
2018	17	7	41.2	2	11.8	8	47.1
2019	30	12	40.0	1	3.3	17	56.7
2020	37	25	67.6	2	5.4	10	27.0
2021	30	15	50.0			15	50.0
Totals	270	130	48.2	25	9.3	115	42.6

Factor XI Deficiency

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2019	1	1	100.0				
Totals	1	1	100.0				

Imerslund-Grasbeck Syndrome

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2014	1	1	100.0				
2015	4	4	100.0				
2016	5	5	100.0				
2017	7	7	100.0				
2018	9	9	100.0				

Imlerslund-Grasbeck Syndrome

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
2019	14	14	100.0				
2020	15	14	93.3			1	6.7
2021	21	21	100.0				
Totals	76	75	98.7			1	1.3

Legg-Calve-Perthes

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2017	3	3	100.0				
2018	4	4	100.0				
2019	8	8	100.0				
2021	3	3	100.0				
Totals	18	18	100.0				

Musladin-Lueke Syndrome

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2009	19	18	94.7			1	5.3
2010	34	32	94.1			2	5.9
2011	38	34	89.5			4	10.5
2012	32	28	87.5			4	12.5
2013	20	17	85.0			3	15.0
2014	26	24	92.3			2	7.7
2015	21	18	85.7			3	14.3
2016	11	11	100.0				
2017	22	20	90.9			2	9.1
2018	14	12	85.7			2	14.3
2019	35	31	88.6	1	2.9	3	8.6
2020	38	38	100.0				
2021	33	29	87.9			4	12.1
Totals	343	312	91.0	1	0.3	30	8.8

Neonatal Cerebellar Cortical Degeneration

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2013	5	5	100.0				
2014	3	3	100.0				
2015	9	9	100.0				
2016	6	6	100.0				
2017	13	13	100.0				
2018	9	9	100.0				
2019	16	16	100.0				
2020	17	17	100.0				
2021	27	27	100.0				

Neonatal Cerebellar Cortical Degeneration

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Totals	105	105	100.0				

Patella

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Equivocal</i>	<i>% Equivocal</i>
Beagle							
1999	2	2	100.0				
2002	1	1	100.0				
2004	3	3	100.0				
2005	2	2	100.0				
2006	32	32	100.0				
2007	15	15	100.0				
2008	3	3	100.0				
2009	12	11	91.7	1	8.3		
2010	13	12	92.3	1	7.7		
2011	13	11	84.6	2	15.4		
2012	14	14	100.0				
2013	7	7	100.0				
2014	10	10	100.0				
2015	7	7	100.0				
2016	72	71	98.6	1	1.4		
2017	31	31	100.0				
2018	26	24	92.3	2	7.7		
2019	24	23	95.8	1	4.2		
2020	18	18	100.0				
2021	54	54	100.0				
Totals	359	351	97.8	8	2.2		

Phosphofructokinase Deficiency

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>
Beagle					
2015	1	1	100.0		
2016	1	1	100.0		
2017	2	2	100.0		
Totals	4	4	100.0		

Pra-Crd4/Cord1

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2021	8	8	100.0				
Totals	8	8	100.0				

Primary Closed Angle Glaucoma

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2015	1	1	100.0				
2021	1	1	100.0				
Totals	2	2	100.0				

Primary Open Angle Glaucoma

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2012	2	2	100.0				
2013	5	5	100.0				
2014	2	2	100.0				
2015	6	6	100.0				
2016	5	5	100.0				
2017	4	4	100.0				
2018	10	10	100.0				
2019	17	17	100.0				
2020	22	22	100.0				
2021	25	25	100.0				
Totals	98	98	100.0				

Progressive Retinal Atrophy

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2018	9	9	100.0				
2019	3	2	66.7			1	33.3
2020	4	4	100.0				
2021	3	3	100.0				
Totals	19	18	94.7			1	5.3

Pyruvate Kinase Deficiency

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Carrier</i>	<i>% Carrier</i>
Beagle							
2006	1	1	100.0				
2009	6	6	100.0				
2011	1	1	100.0				
2012	3	3	100.0				
2013	6	6	100.0				
2014	2	2	100.0				
2015	6	6	100.0				
2016	4	4	100.0				
2017	2	2	100.0				
2018	8	8	100.0				
2019	19	19	100.0				
2020	17	17	100.0				

Pyruvate Kinase Deficiency

Report year	Cases	Normal	% Normal	Abnormal	% Abnormal	Carrier	% Carrier
2021	26	26	100.0				
Totals	101	101	100.0				

Rcd4 Progressive Retinal Atrophy

Report year	Cases	Normal	% Normal	Abnormal	% Abnormal	Carrier	% Carrier
Beagle							
2018	2	2	100.0				
2019	2	1	50.0			1	50.0
2020	3					3	100.0
2021	3	2	66.7			1	33.3
Totals	10	5	50.0			5	50.0

Shoulder

Report year	Cases	Normal	% Normal	Abnormal	% Abnormal
Beagle					
2015	1	1	100.0		
2019	1	1	100.0		
2021	1	1	100.0		
Totals	3	3	100.0		

Thyroid

Report year	Cases	Normal	% Normal	Abnormal	% Abnormal	Equivocal	% Equivocal
Beagle							
1997	1	1	100.0				
1999	3	3	100.0				
2000	6	6	100.0				
2001	8	7	87.5			1	12.5
2002	6	6	100.0				
2003	2	1	50.0			1	50.0
2004	7	5	71.4			2	28.6
2005	16	14	87.5	1	6.3	1	6.3
2006	9	7	77.8			2	22.2
2007	20	13	65.0	1	5.0	6	30.0
2008	14	7	50.0	6	42.9	1	7.1
2009	18	14	77.8	2	11.1	2	11.1
2010	14	11	78.6	1	7.1	2	14.3
2011	14	9	64.3	2	14.3	3	21.4
2012	24	23	95.8			1	4.2
2013	5	3	60.0			2	40.0
2014	9	8	88.9	1	11.1		
2015	11	10	90.9			1	9.1
2016	14	10	71.4	1	7.1	3	21.4
2017	12	10	83.3	1	8.3	1	8.3
2018	16	13	81.3	1	6.3	2	12.5

Thyroid

<i>Report year</i>	<i>Cases</i>	<i>Normal</i>	<i>% Normal</i>	<i>Abnormal</i>	<i>% Abnormal</i>	<i>Equivocal</i>	<i>% Equivocal</i>
2019	23	22	95.7	1	4.4		
2020	14	13	92.9			1	7.1
2021	18	15	83.3			3	16.7
Totals	284	231	81.3	18	6.3	35	12.3