



Cystic Fibrosis Foundation
6931 Arlington Road
Bethesda, Maryland 20814

Center Specific Rates from the 2007 National CFF Registry Report

To: Center Directors, Program Directors, Affiliate Directors, Registry Coordinators &
Center Staff of Children's Hospital Boston (Boston, MA)

Core Care Center: 4
Program Number(s): 4 & 235

Number of CF patients seen primarily at your center in 2007: 356
Number of CF patients with lung transplants seen at your center in 2007: 7
Number in the National Registry: 23,063

Measure	↓ A lower value is better ↑ A higher value is better	Patient Count	Your Center	Top Ten Centers	National Average
Nutritional Outcomes					
Median BMI Percentile for CF Patients 2 to 20 Years	↑	211	50.1	61.6	47.5
Median BMI for CF Patients ≥ 20 Years	↑	134	22.0	23.3	21.7
Mean BMI Percentile for CF Patients 2 to 20 Years	↑	211	49.8	56.7	48.0
Percent with BMI < 50th Percentile for CF Patients 2 to 20 Years	↓	211	49.3	37.9	52.7
Mean BMI for CF Patients ≥ 20 Years	↑	134	22.7	23.9	22.3
Percent with BMI < 22 for Females or < 23 for Males, Patients ≥ 20 Years	↓	134	56.7	41.4	58.9
Nutritional Therapies					
Oral or Tube Supplemental Feeding in CF Patients 2 to 20 Years with BMI Percentile < 50th	↑	104	29.8	96.5	68.8
Oral or Tube Supplemental Feeding in CF Patients ≥ 20 Years with BMI < 22 for Females or < 23 for Males	↑	76	15.8	88.2	48.1
Acid Blocker Use in CF Patients 2 to 20 Years Taking Enzymes		190	31.1	††	61.4
Acid Blocker Use in CF Patients ≥ 20 Years Taking Enzymes		114	17.5	††	48.3
Reported Lipase Units per Kilogram per Meal in CF Patients 2 to 20 Years Taking Enzymes (mean)		70	1930	††	1690
Reported Lipase Units per Kilogram per Meal in CF Patients ≥ 20 Years Taking Enzymes (mean)		22	1938	††	1456
Nutritional Assessment					
CF Patients 2 to 20 Years with BMI < 50th Percentile seen by a Dietitian	↑	104	45.2	100.0	89.5
CF Patients ≥ 20 Years with BMI < 22 for Female or < 23 for Male CF Patients seen by a Dietitian	↑	76	22.4	100.0	75.0
★ Fat Soluble Vitamins Measured	↑	349	80.8	98.0	78.5
Use of Hospitalization and Home IV Therapy for Pulmonary Exacerbations					
Percent with One or More Pulmonary Exacerbations Children < 18 Years		183	35.0	††	29.9
Percent with One or More Pulmonary Exacerbations Adults ≥ 18 Years		166	54.8	††	49.4
Hospital Length of Stay for Pulmonary Exacerbations in CF Patients < 18 Years		59	9.0	††	10.0
Hospital Length of Stay for Pulmonary Exacerbations in CF Patients ≥ 18 Years		49	13.0	††	9.5
Total Treatment Duration - Hospitalization and Home IV for Pulmonary Exacerbations in CF Patients < 18 Years		64	14.0	††	14.5
Total Treatment Duration - Hospitalization and Home IV for Pulmonary Exacerbations in CF Patients ≥ 18 Years		91	17.3	††	15.0
Pulmonary Outcomes					
Median FEV ₁ Percent Predicted for CF Patients 6 to 12 Years	↑	83	102.5	103.9	95.4
Median FEV ₁ Percent Predicted for CF Patients 13 to 17 Years	↑	64	92.2	99.1	88.3
Median FEV ₁ Percent Predicted for CF Patients 6 to 17 Years	↑	147	99.9	101.4	92.6
Median FEV ₁ Percent Predicted for CF Patients 18 to 30 Years	↑	104	78.0	84.5	69.1
Median FEV ₁ Percent Predicted for CF Patients ≥ 30 Years	↑	58	64.2	65.3	53.7
Median FEV ₁ Percent Predicted for CF Patients ≥ 18 Years	↑	162	73.9	78.4	63.6
Mean FEV ₁ Percent Predicted for CF Patients 6 to 17 Years	↑	147	95.8	100.1	89.6
Mean FEV ₁ Percent Predicted for CF Patients ≥ 18 Years	↑	162	72.0	75.1	63.4

★ Indicates reports that are new for this reporting year.

†† Comparison rate not applicable

NA - Data unable to be reported due to insufficient data (fewer than 10 patients eligible), no data, or the measure is not applicable to the center



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Pulmonary Therapies					
Chronic Macrolide Use in "Eligible" CF Patients ≥ 6 Years		110	72.7	††	63.6
Chronic TOBI [®] Use in <i>P. aeruginosa</i> + CF Patients ≥ 6 Years		176	56.8	††	67.2
Pulmozyme [®] Use in CF Patients ≥ 6 Years		319	78.4	††	76.1
Ibuprofen Use in CF Patients 6 to <13 Years with FEV ₁ > 60 Percent Predicted		80	11.3	††	4.6
Exercise as Primary or Secondary Airway Clearance Technique		349	47.0	††	24.6
Inhaled Steroid Use in CF Patients ≥ 6 Years Without Asthma or ABPA		224	50.4	††	50.0
Inhaled Beta Agonist Use in CF Patients ≥ 6 Years		319	84.3	††	90.3
Leukotriene Modifier Use in CF Patients ≥ 6 Years		319	23.5	††	19.8
★ Inhaled Anticholinergic Use in CF Patients ≥ 6 Years		319	8.8	††	9.2
Hypertonic Saline Use in CF Patients ≥ 6 Years		319	72.1	††	35.1
General Guidelines Care					
Children 6 to 17 Years Meeting Guidelines Recommendations	↑	153	69.3	90.7	68.2
Children 6 to 17 Years Meeting Guidelines Recommendations for 4+ Clinic Visits	↑	153	70.6	92.8	71.5
Children 6 to 17 Years Meeting Guidelines Recommendations for 1+ Cultures	↑	153	98.0	100.0	97.8
Children 6 to 17 Years Meeting Guidelines Recommendations for 2+ PFTs	↑	153	91.5	100.0	89.8
Adults ≥ 18 Years Meeting Guidelines Recommendations	↑	166	59.6	79.6	54.7
Adults ≥ 18 Years Meeting Guidelines Recommendations for 4+ Clinic Visits	↑	166	62.0	84.0	57.7
Adults ≥ 18 Years Meeting Guidelines Recommendations for 1+ Cultures	↑	166	97.0	100.0	92.7
Adults ≥ 18 Years Meeting Guidelines Recommendations for 2+ PFTs	↑	166	86.7	96.6	82.5
Microbiology					
<i>B. cepacia</i> Complex Infection Rate		340	9.4	††	2.9
<i>Methicillin-Resistant S. aureus</i> Infection Rate		340	20.0	††	21.2
<i>P. aeruginosa</i> Infection Rate in CF Patients < 18 Years		179	33.0	††	39.1
<i>P. aeruginosa</i> Infection Rate in CF Patients ≥ 18 Years		161	75.2	††	75.1
Percent of Patients with <i>P. aeruginosa</i> Who Were Reported as Mucoïd Phenotype		180	67.8	††	66.3
<i>S. maltophilia</i> Infection Rate		340	12.1	††	12.7
Multiply-Resistant <i>P. aeruginosa</i> Infection Rate		180	33.3	††	18.0
Screening					
Glucose Screening in Non-Diabetic CF Patients ≥ 14 Years	↑	174	78.7	96.8	75.0
Chronic Insulin Dependent Diabetes in CF Patients ≥ 14 Years		219	20.5	††	18.4
Depression in Adults ≥ 18 Years		166	16.3	††	19.5
Influenza Immunization: Documented as Done in CF Patients ≥ 6 months	↑	349	35.2	96.0	67.8
Second Hand Smoke Exposure in CF Patients < 18 Years		183	0.0	††	13.8
Liver Enzymes Measured	↑	349	83.4	95.7	79.6

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†† Comparison rate not applicable

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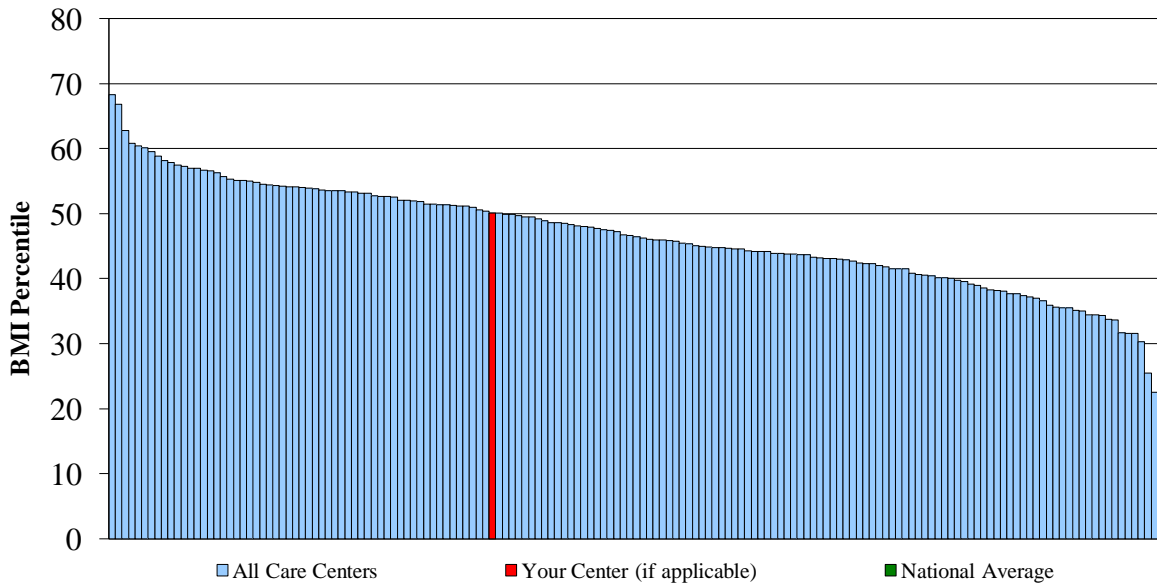
Median BMI Percentile for CF Patients 2 to 20 Years, 2007

The national median BMI percentile = 47.5

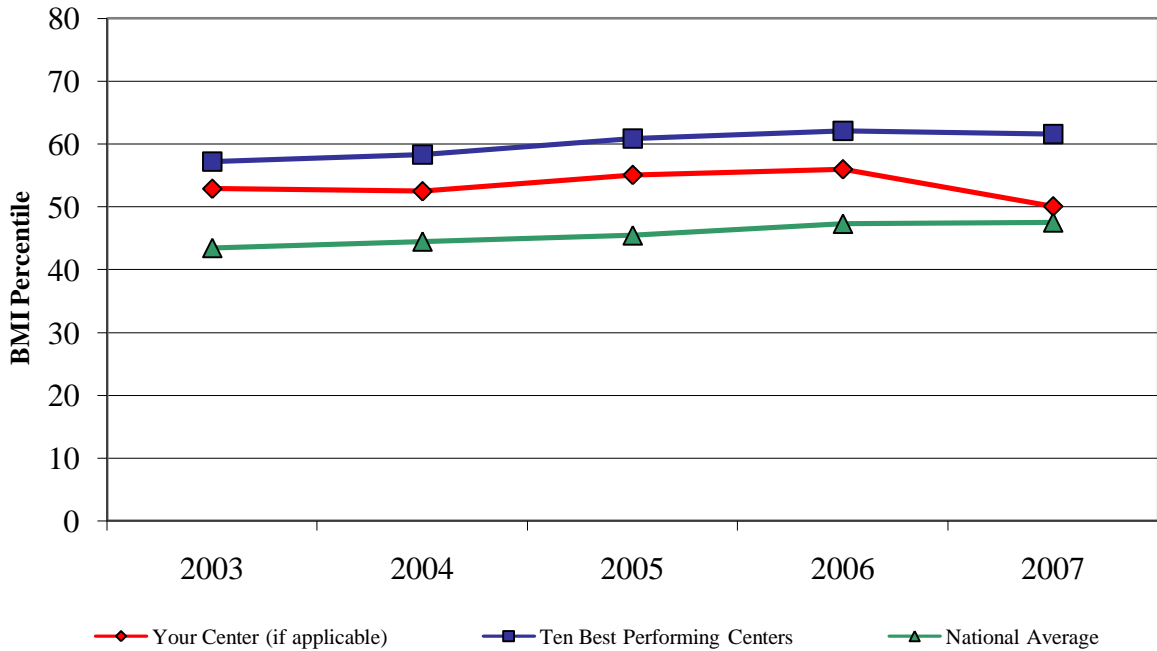
The ten best performing centers average = 61.6

Children's Hospital Boston (Boston, MA) = 50.1

(For this report a higher value is better)

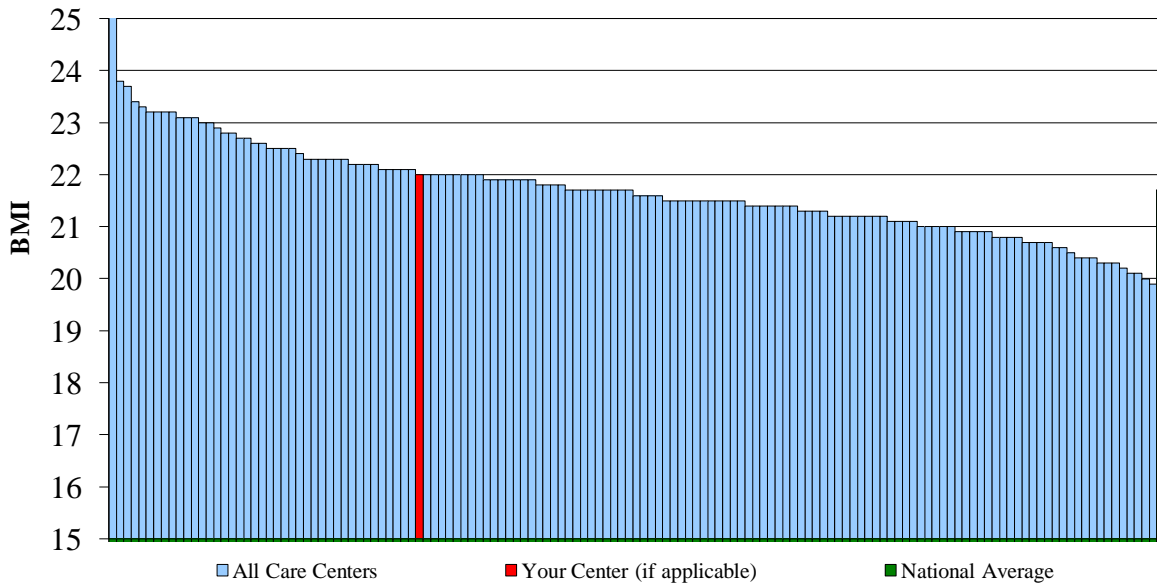


Median BMI Percentile for CF Patients 2 to 20 Years, 2003 - 2007

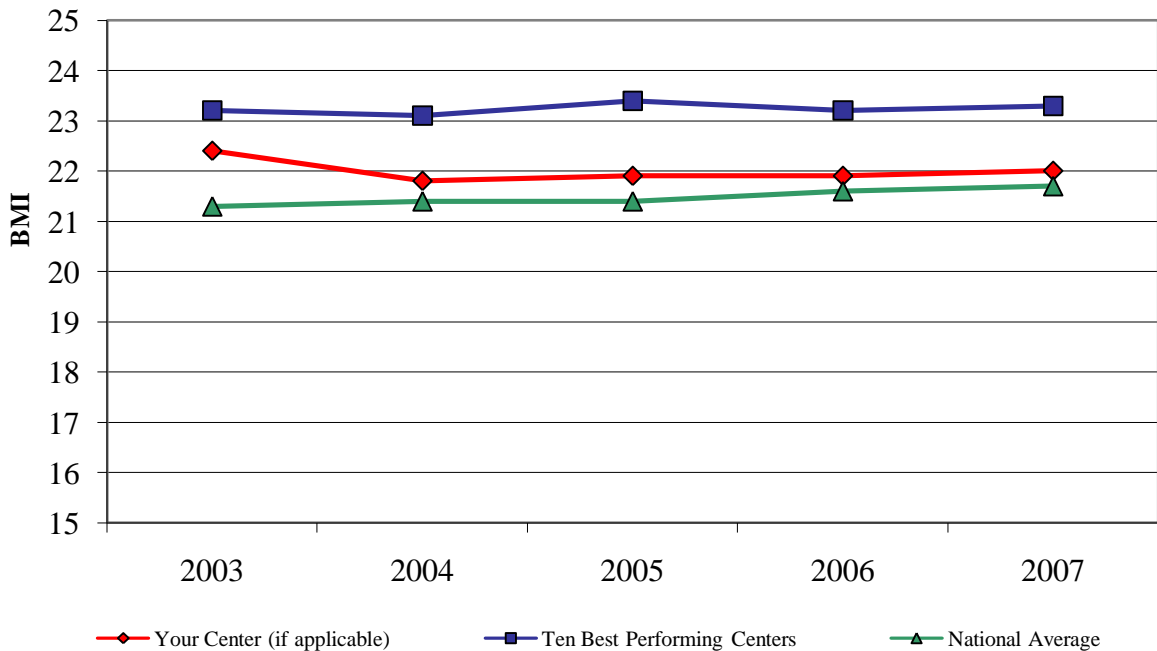


Median BMI for CF Patients \geq 20 Years, 2007
The national median BMI = 21.7
The ten best performing centers average = 23.3
Children's Hospital Boston (Boston, MA) = 22

(For this report a higher value is better)



Median BMI for CF Patients \geq 20 Years, 2003 - 2007



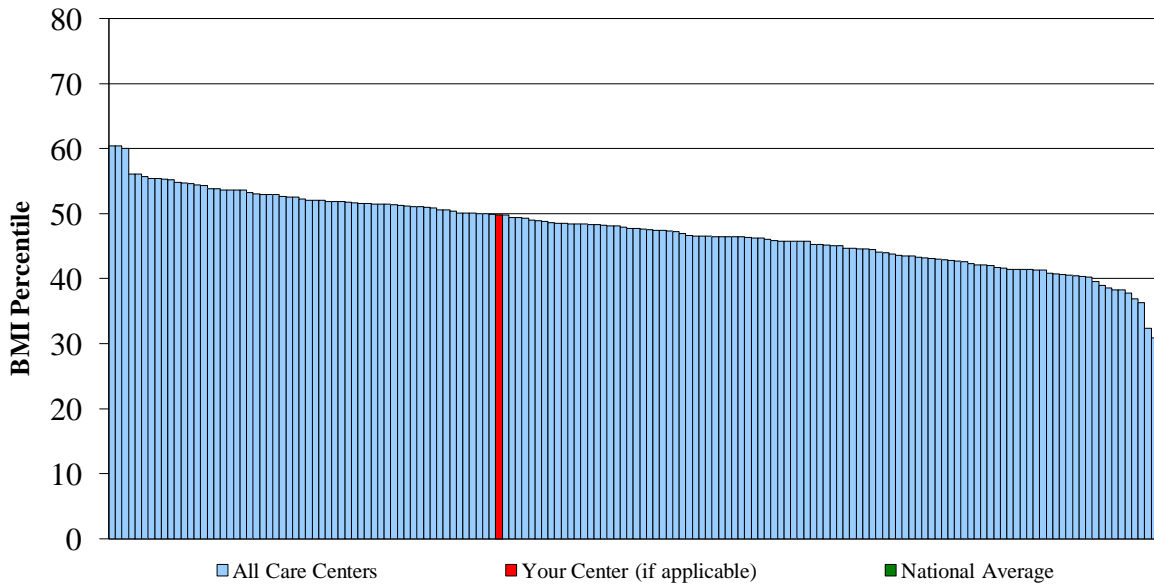
Mean BMI Percentile for CF Patients 2 to 20 Years, 2007

The national mean BMI percentile = 48

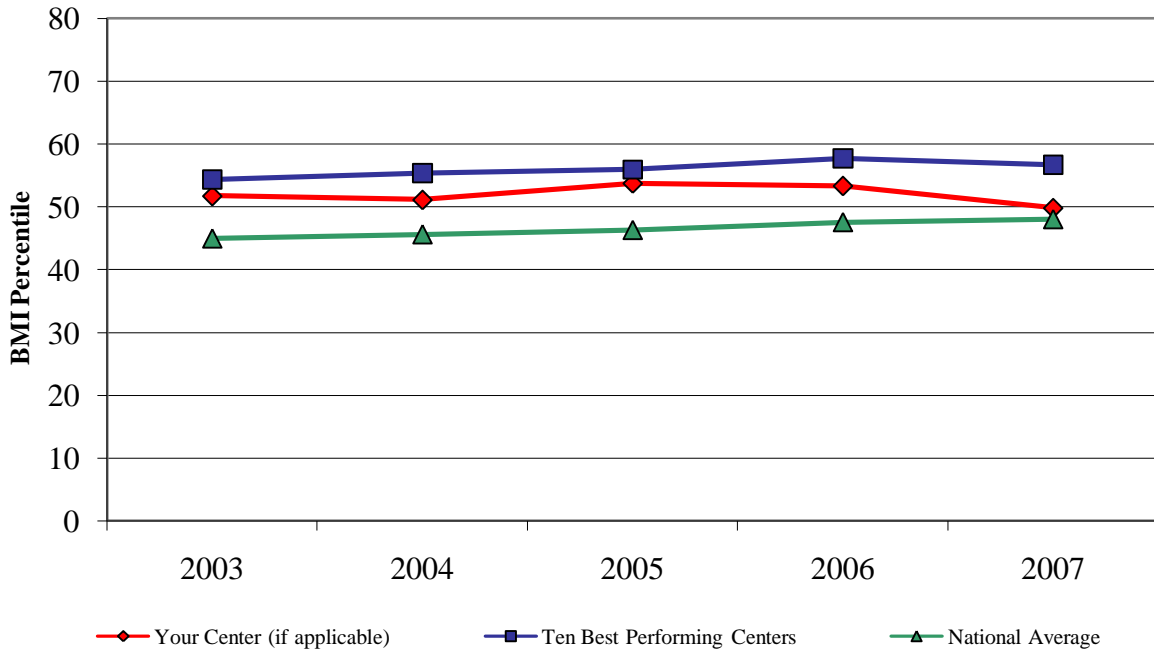
The ten best performing centers average = 56.7

Children's Hospital Boston (Boston, MA) = 49.8

(For this report a higher value is better)



Mean BMI Percentile for CF Patients 2 to 20 Years, 2003 - 2007



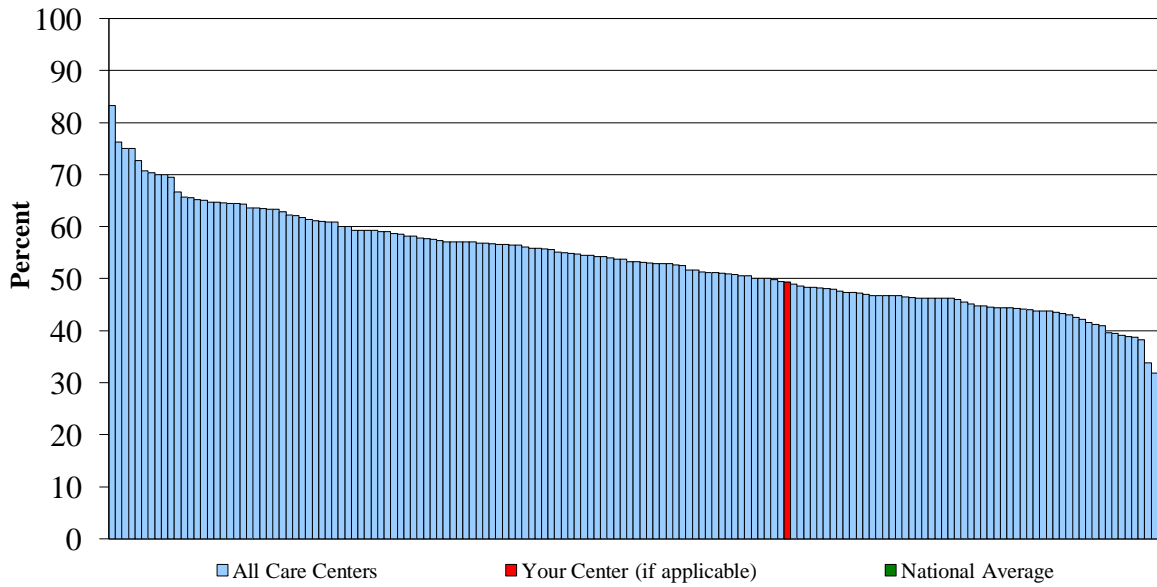
Percent with BMI < 50th Percentile for CF Patients 2 to 20 Years, 2007

The national average = 52.7

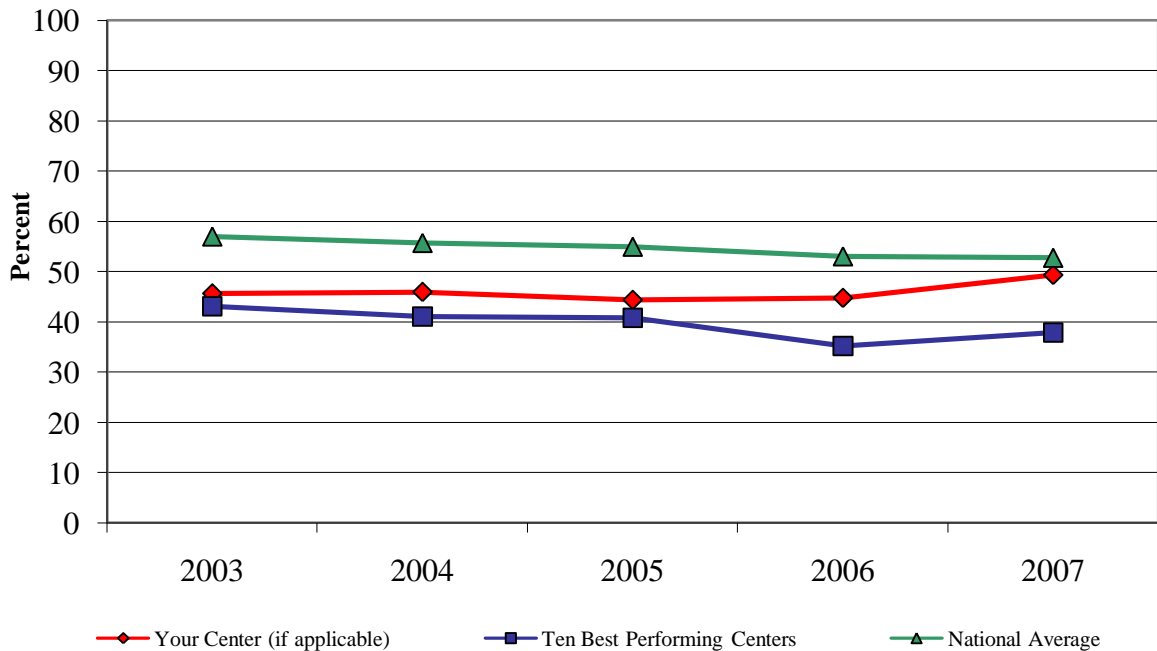
The ten best performing centers average = 37.9

Children's Hospital Boston (Boston, MA) = 49.3

(For this report a lower value is better)

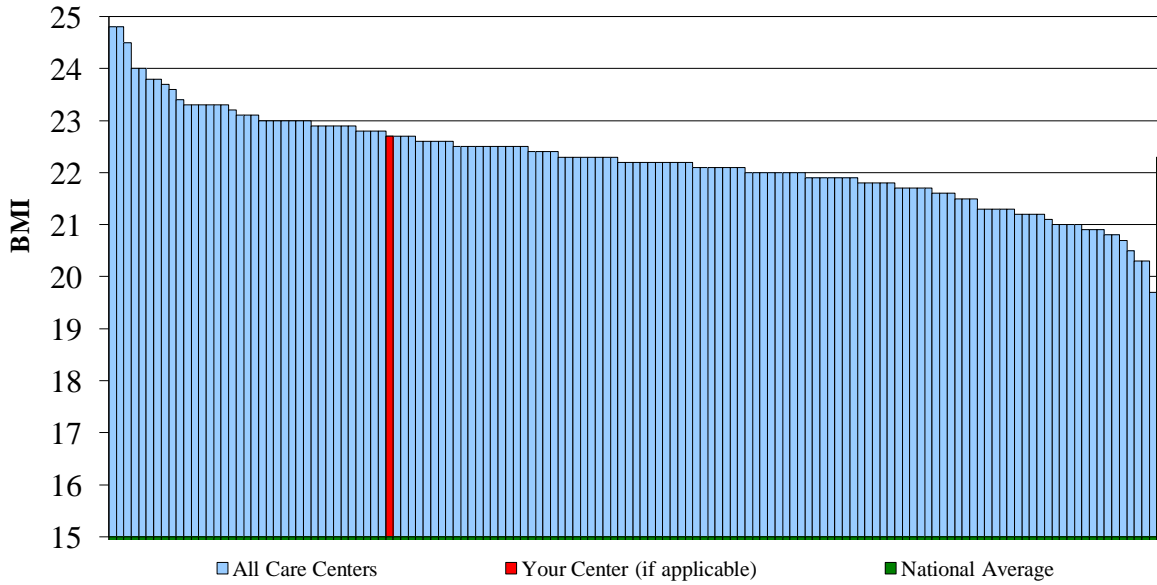


Percent with BMI < 50th Percentile for CF Patients 2 to 20 Years, 2003 - 2007

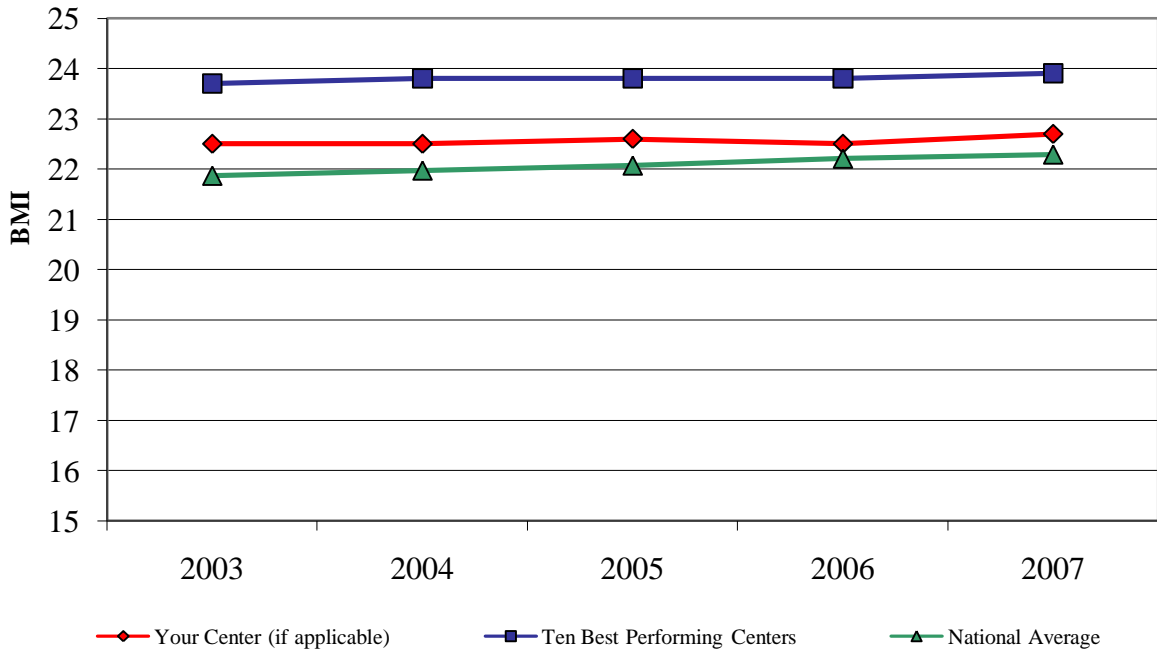


Mean BMI for CF Patients \geq 20 Years, 2007
The national mean BMI = 22.3
The ten best performing centers average = 23.9
Children's Hospital Boston (Boston, MA) = 22.7

(For this report a higher value is better)



Mean BMI for CF Patients \geq 20 Years, 2003 - 2007



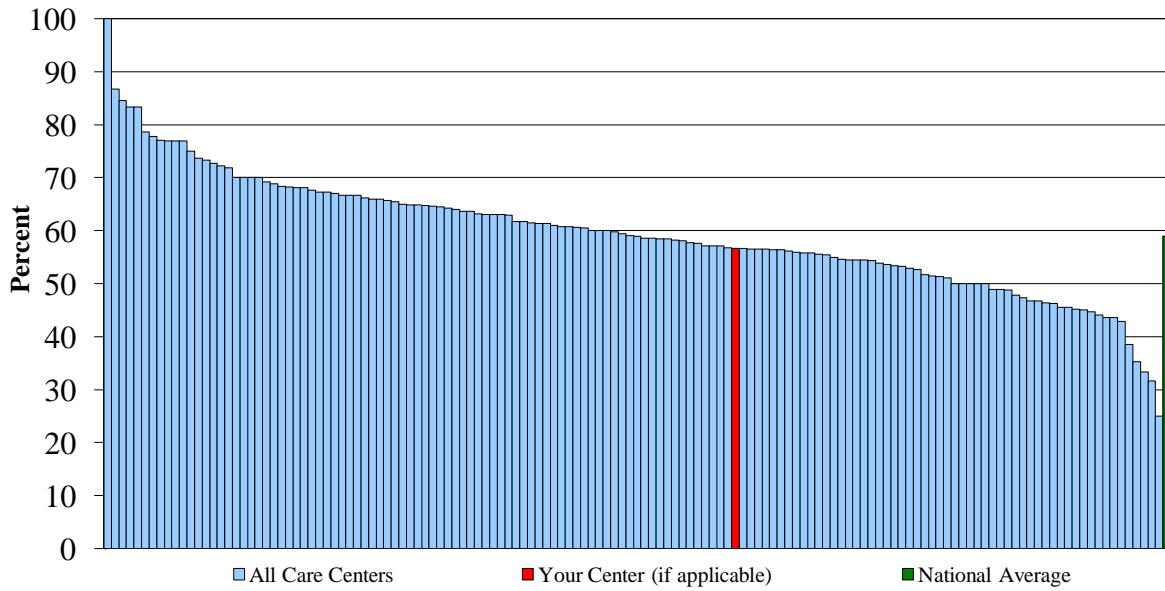
Percent with BMI < 22 for Females or < 23 for Males, Patients ≥ 20 Years, 2007

The national average = 58.9

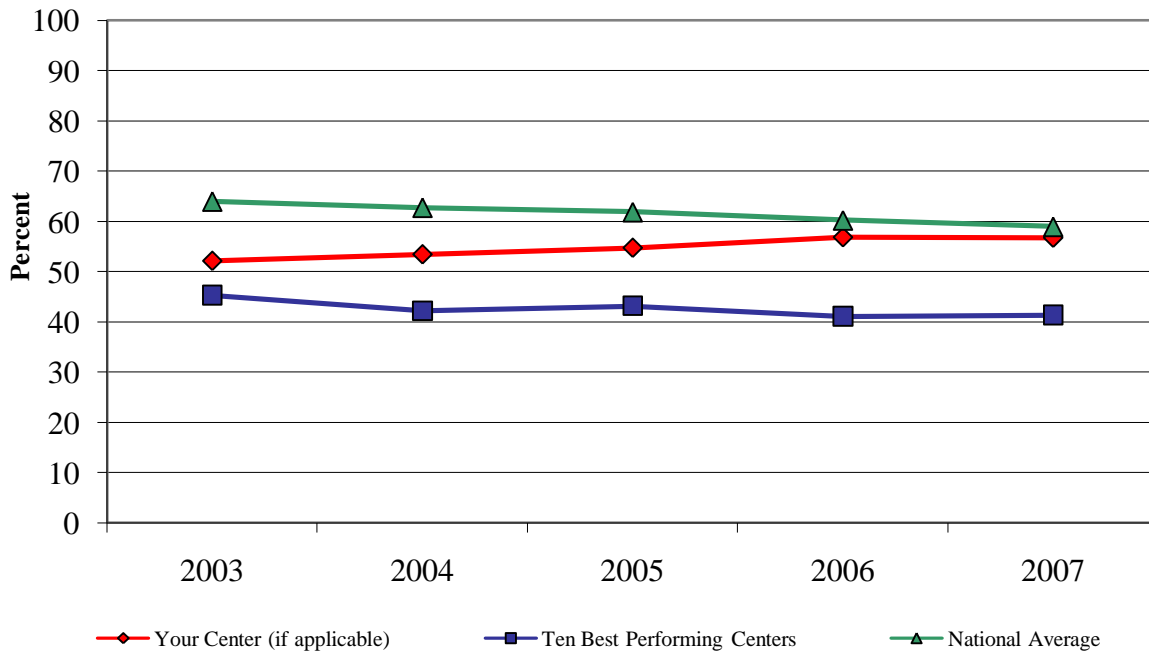
The ten best performing centers average = 41.4

Children's Hospital Boston (Boston, MA) = 56.7

(For this report a lower value is better)



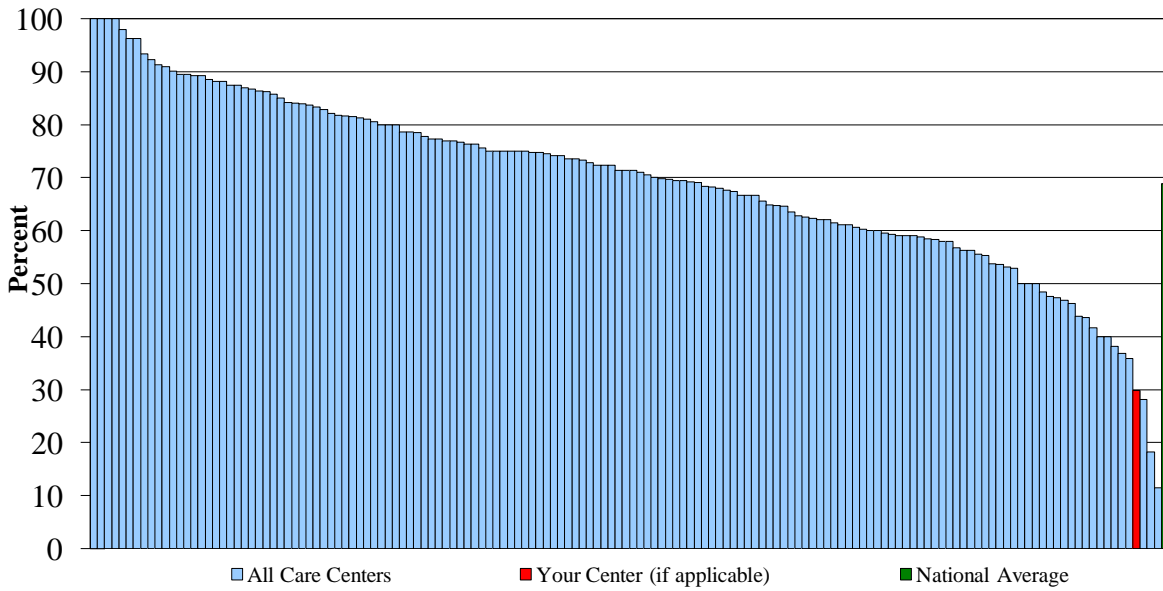
Percent with BMI < 22 for Females or < 23 for Males, Patients ≥ 20 Years, 2003 - 2007



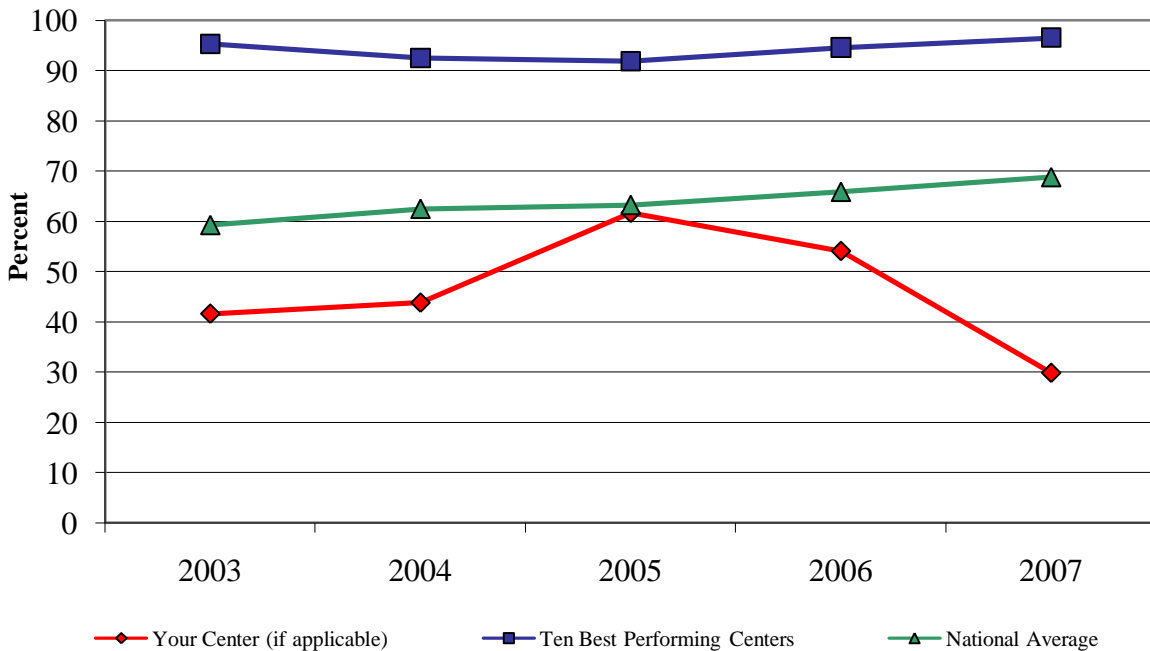
Oral or Tube Supplemental Feeding in CF Patients 2 to 20 Years with BMI Percentile < 50th, 2007

The national average = 68.8
The ten best performing centers average = 96.5
Children's Hospital Boston (Boston, MA) = 29.8

(For this report a higher value is better)



Oral or Tube Supplemental Feeding in CF Patients 2 to 20 Years with BMI Percentile < 50th, 2003 - 2007



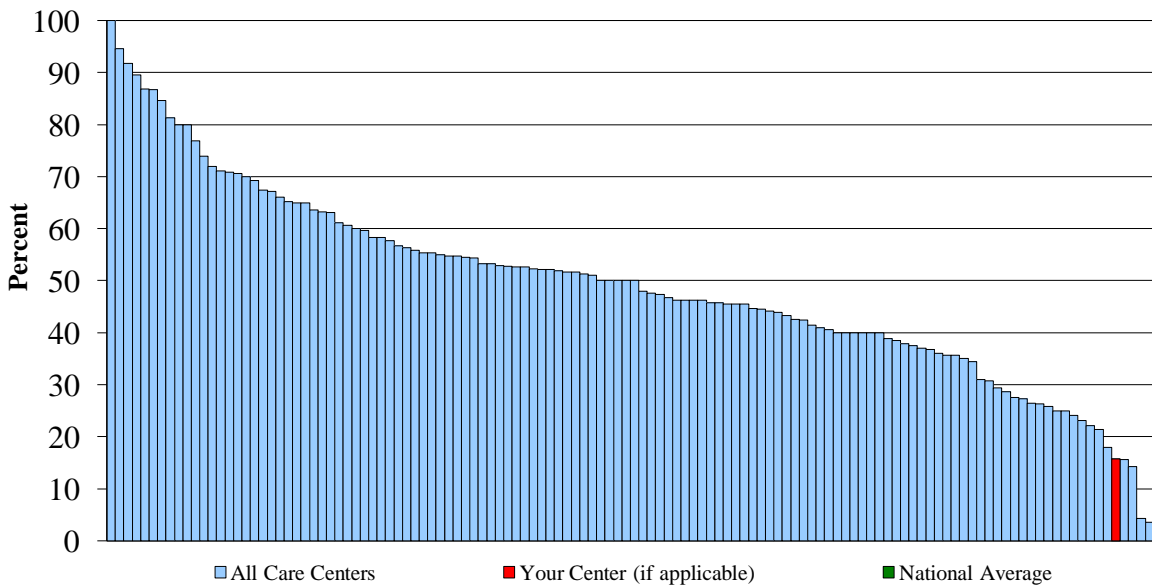
Oral or Tube Supplemental Feeding in CF Patients ≥ 20 Years with BMI < 22 for Females or < 23 for Males, 2007

The national average = 48.1

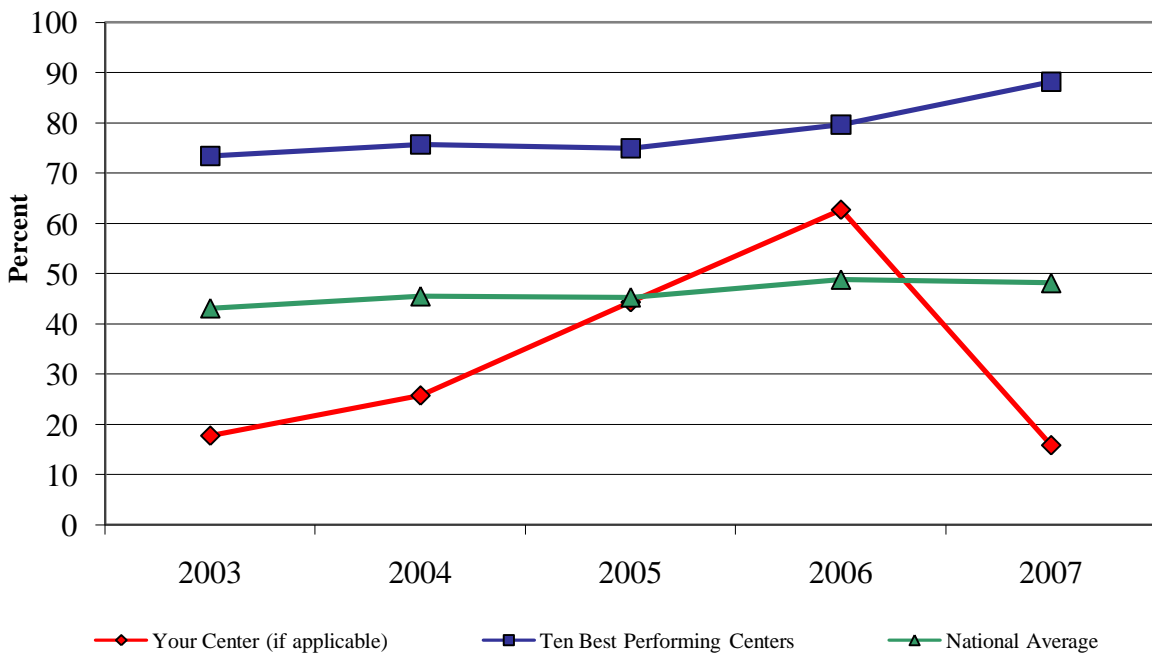
The ten best performing centers average = 88.2

Children's Hospital Boston (Boston, MA) = 15.8

(For this report a higher value is better)

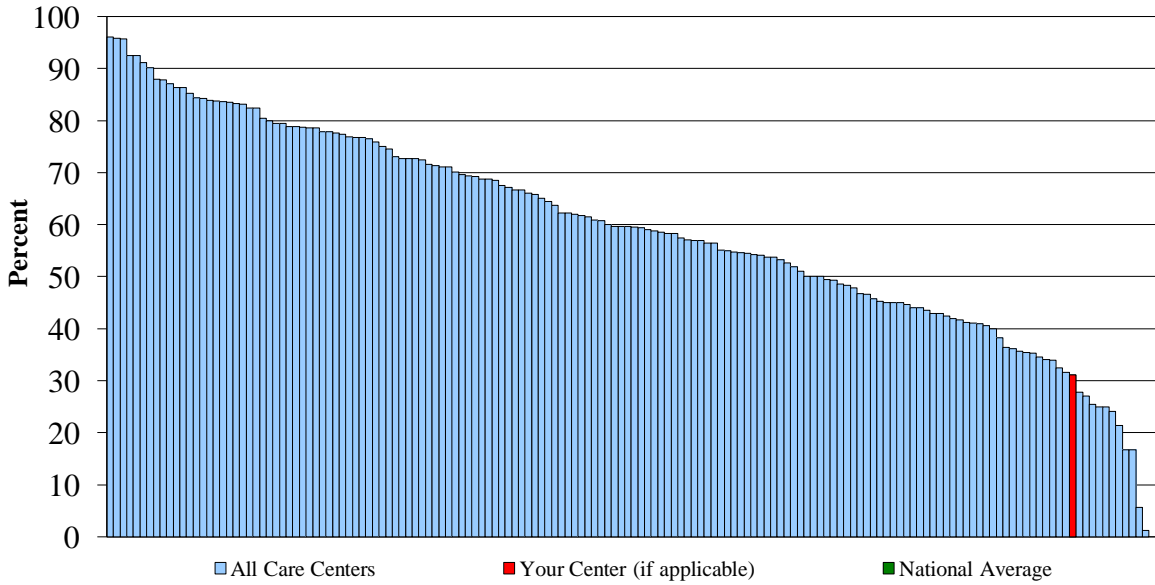


Oral or Tube Supplemental Feeding in CF Patients ≥ 20 Years with BMI < 22 for Females or < 23 for Males, 2003 - 2007

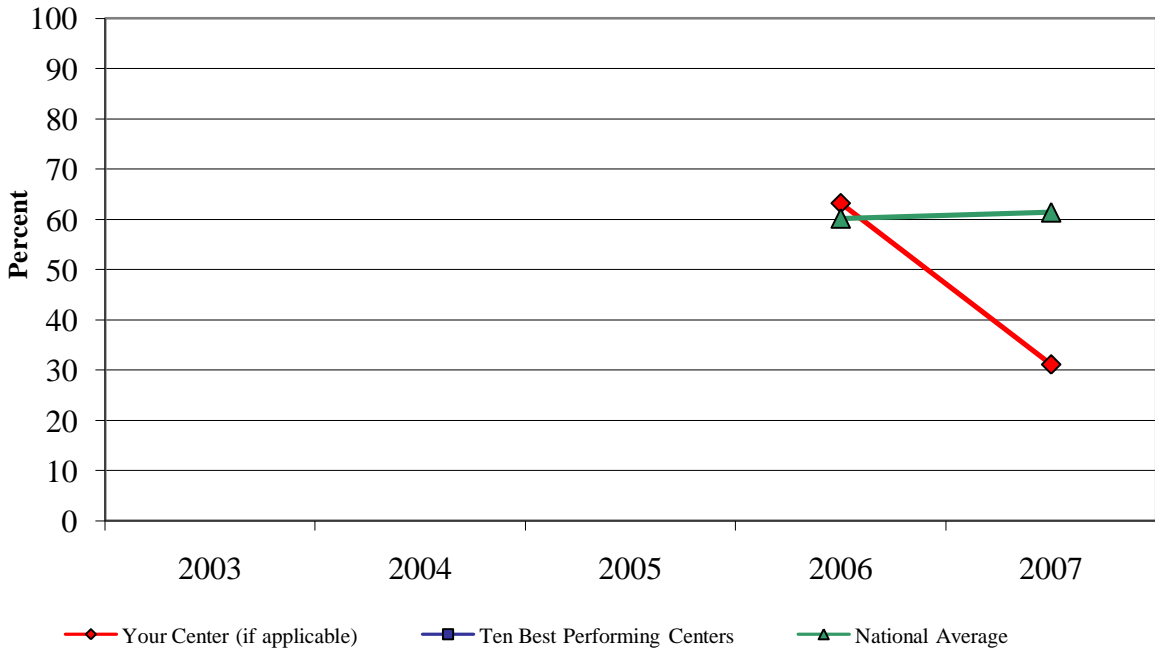


Acid Blocker Use in CF Patients 2 to 20 Years Taking Enzymes, 2007
The national average = 61.4

Children's Hospital Boston (Boston, MA) = 31.1

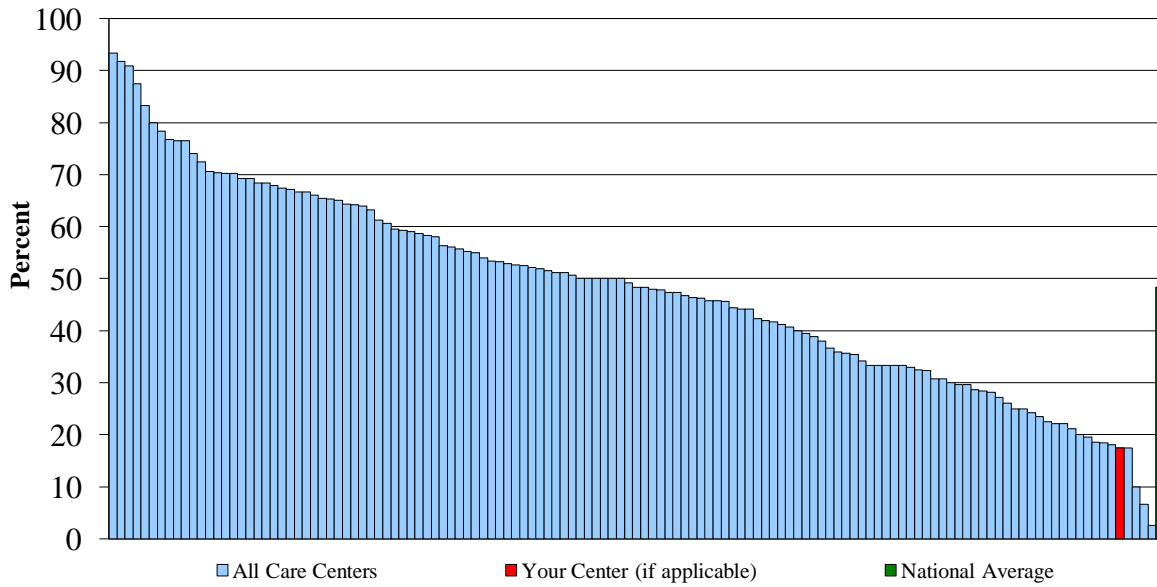


Acid Blocker Use in CF Patients 2 to 20 Years Taking Enzymes, 2003 - 2007

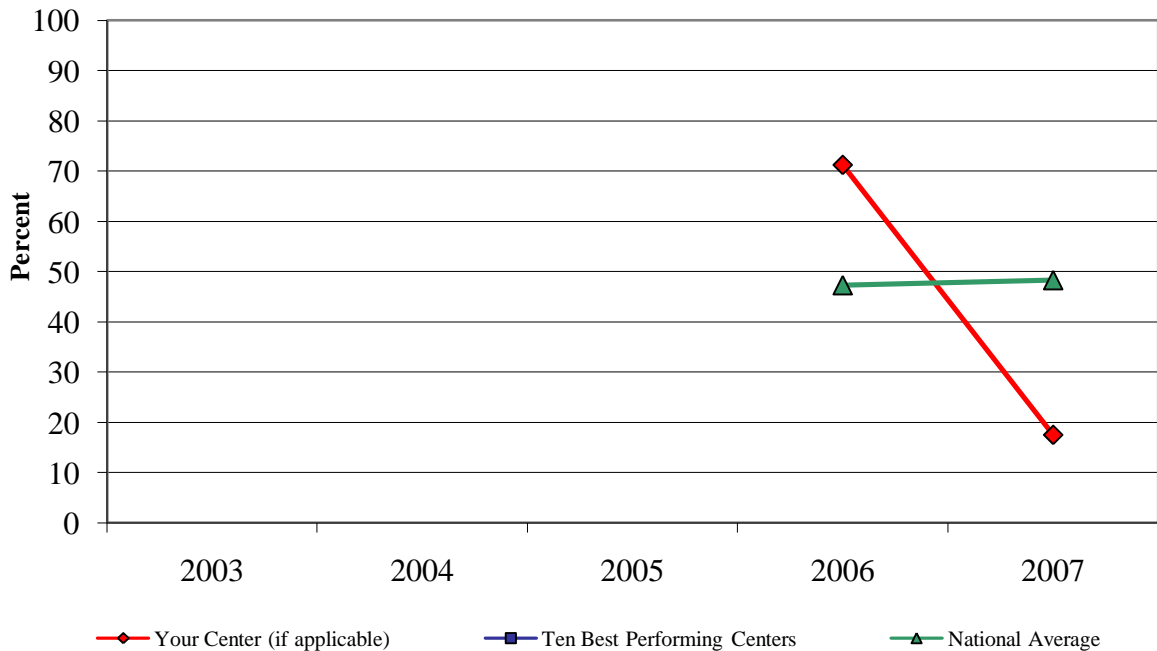


Acid Blocker Use in CF Patients \geq 20 Years Taking Enzymes, 2007
The national average = 48.3

Children's Hospital Boston (Boston, MA) = 17.5



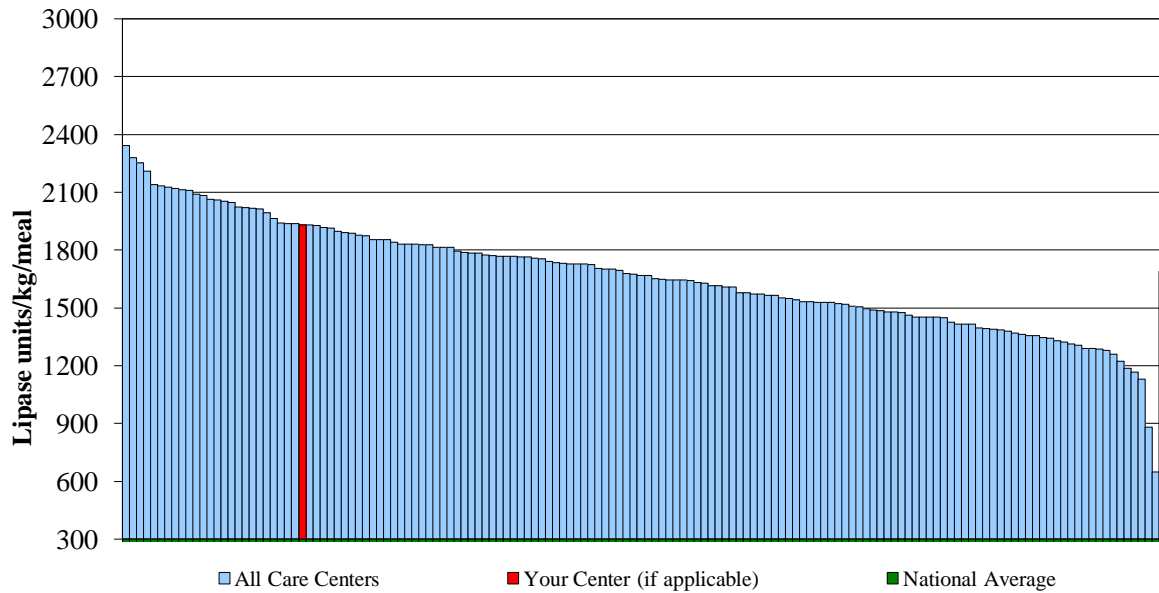
Acid Blocker Use in CF Patients \geq 20 Years Taking Enzymes, 2003 - 2007



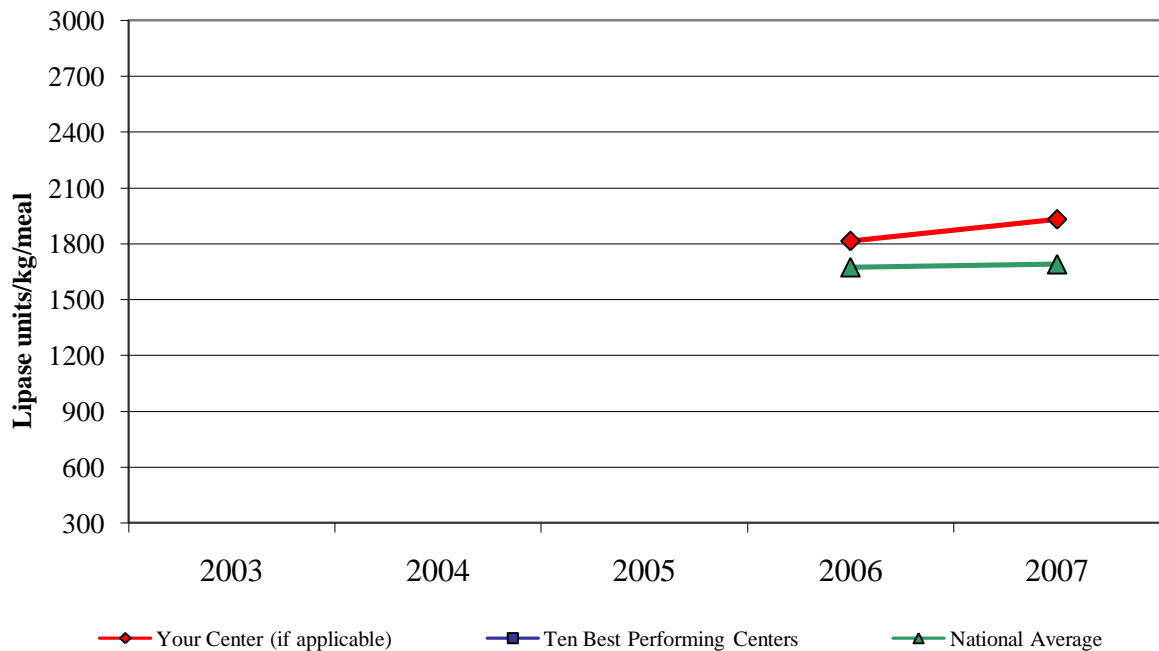
**Reported Lipase Units per Kilogram per Meal in CF Patients 2 to 20 Years Taking Enzymes
(mean), 2007**

The national mean = 1690

Children's Hospital Boston (Boston, MA) = 1930



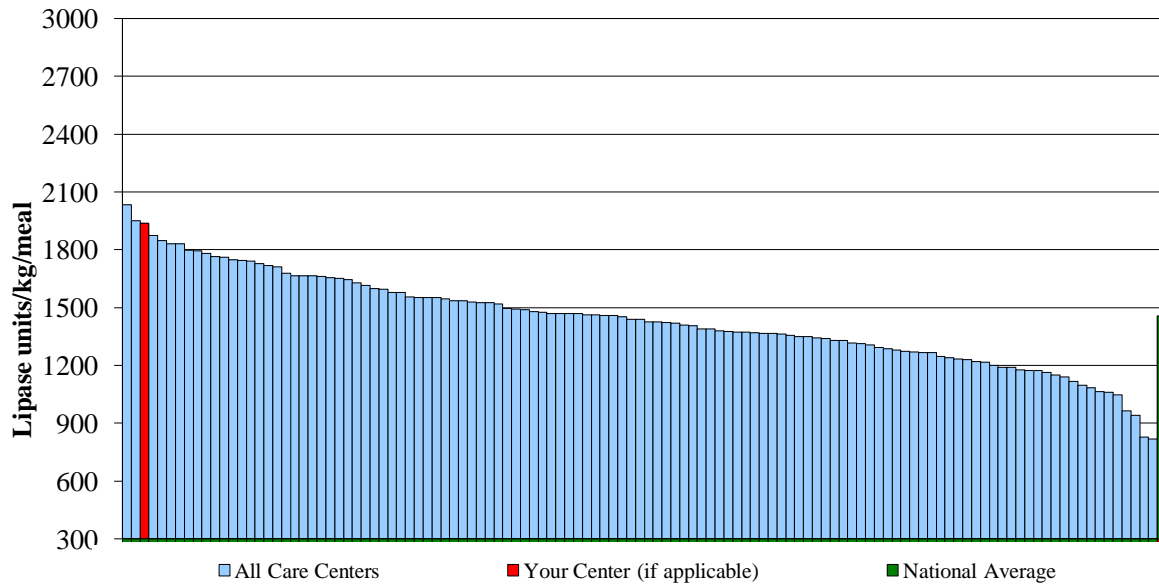
**Reported Lipase Units per Kilogram per Meal in CF Patients 2 to 20 Years Taking Enzymes
(mean), 2003 - 2007**



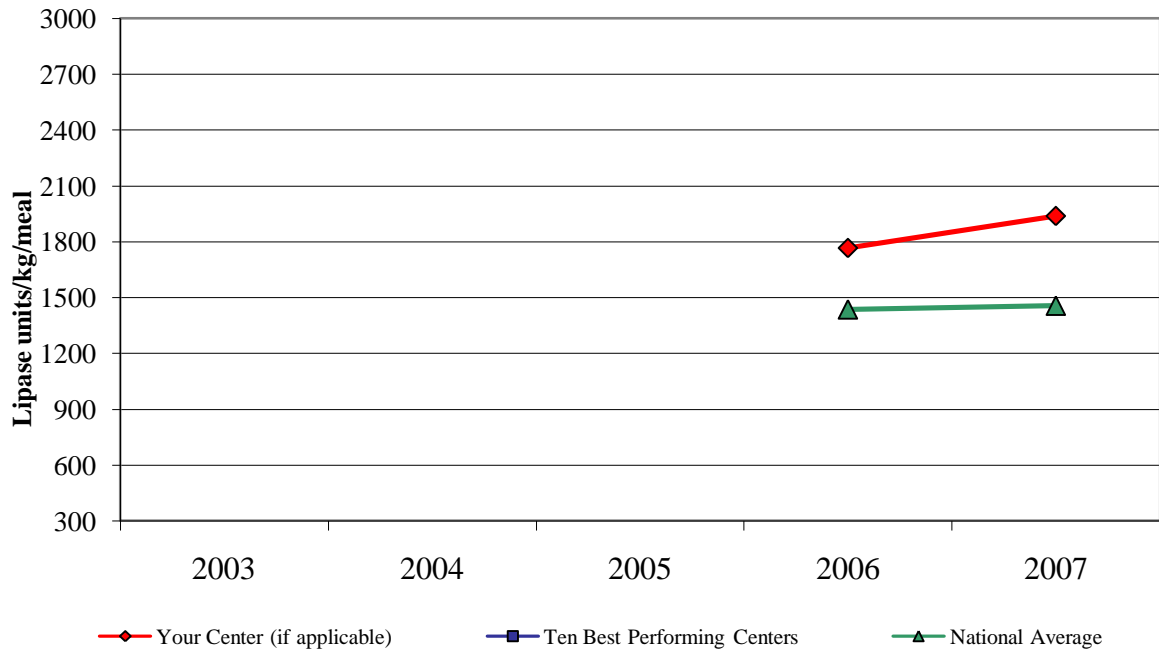
**Reported Lipase Units per Kilogram per Meal in CF Patients \geq 20 Years Taking Enzymes (mean),
2007**

The national mean = 1456

Children's Hospital Boston (Boston, MA) = 1938



**Reported Lipase Units per Kilogram per Meal in CF Patients \geq 20 Years Taking Enzymes
(mean), 2003 - 2007**



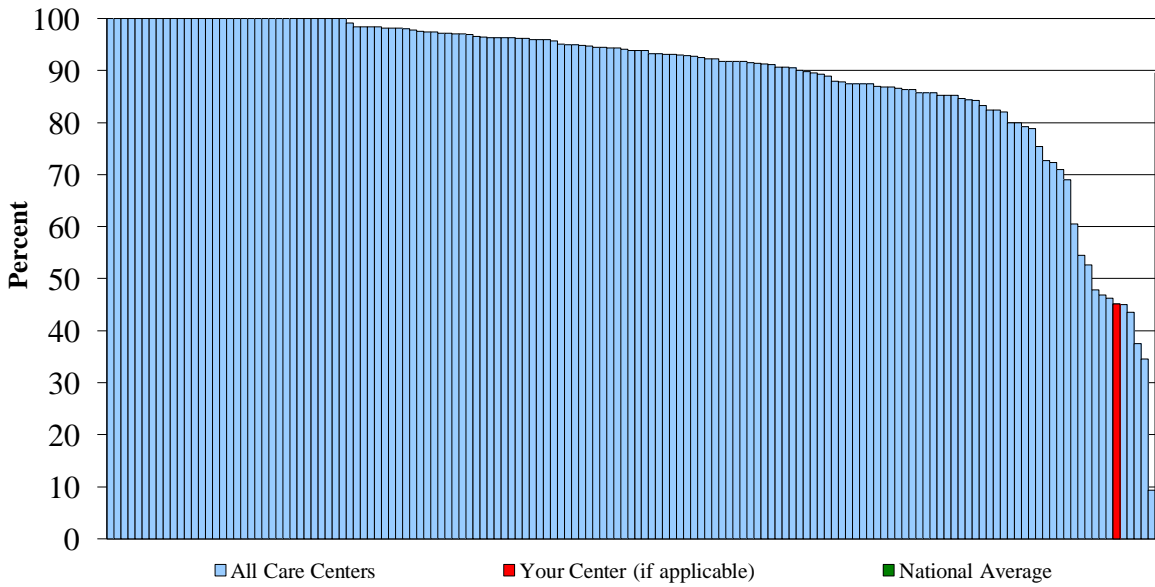
CF Patients 2 to 20 Years with BMI < 50th Percentile seen by a Dietitian, 2007

The national average = 89.5

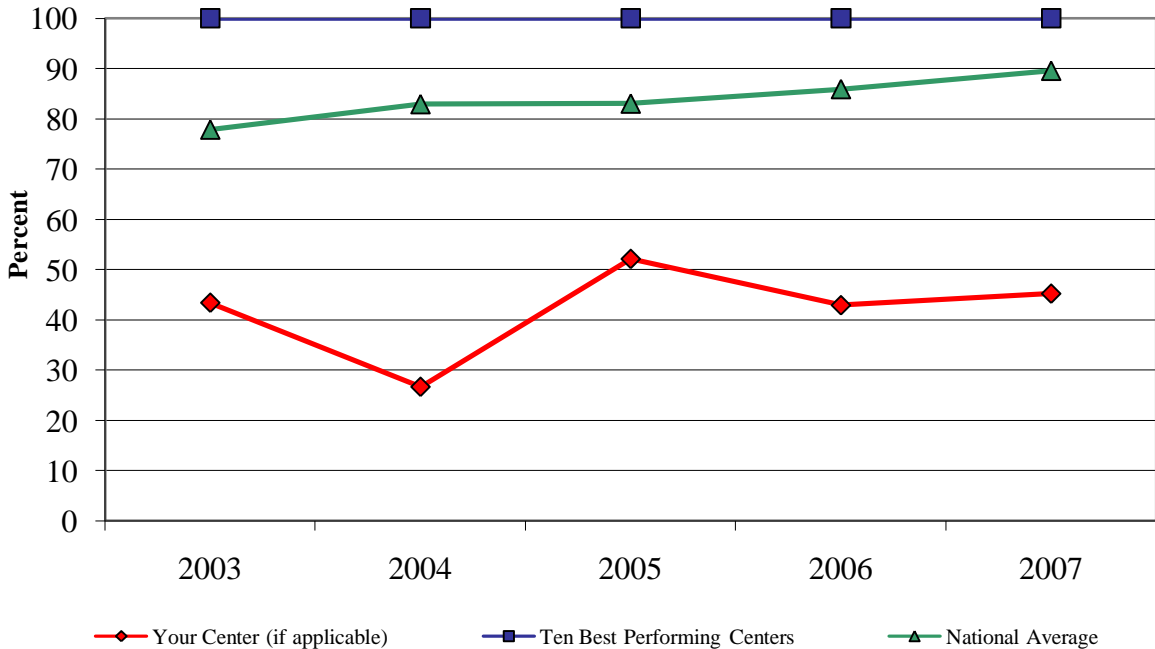
The ten best performing centers average = 100

Children's Hospital Boston (Boston, MA) = 45.2

(For this report a higher value is better)



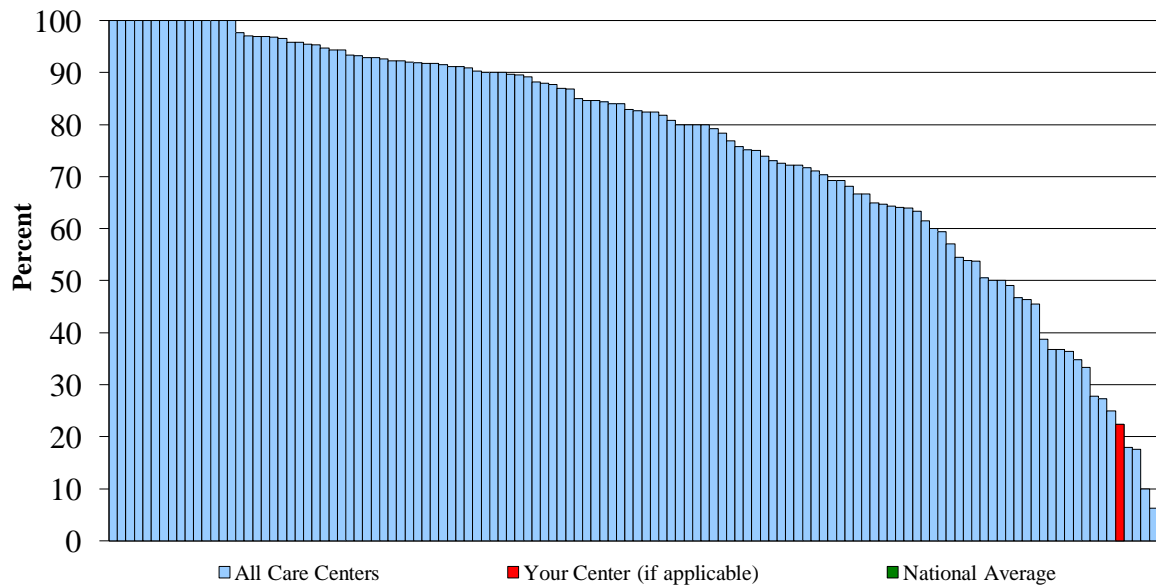
CF Patients 2 to 20 Years with BMI < 50th Percentile seen by a Dietitian, 2003 - 2007



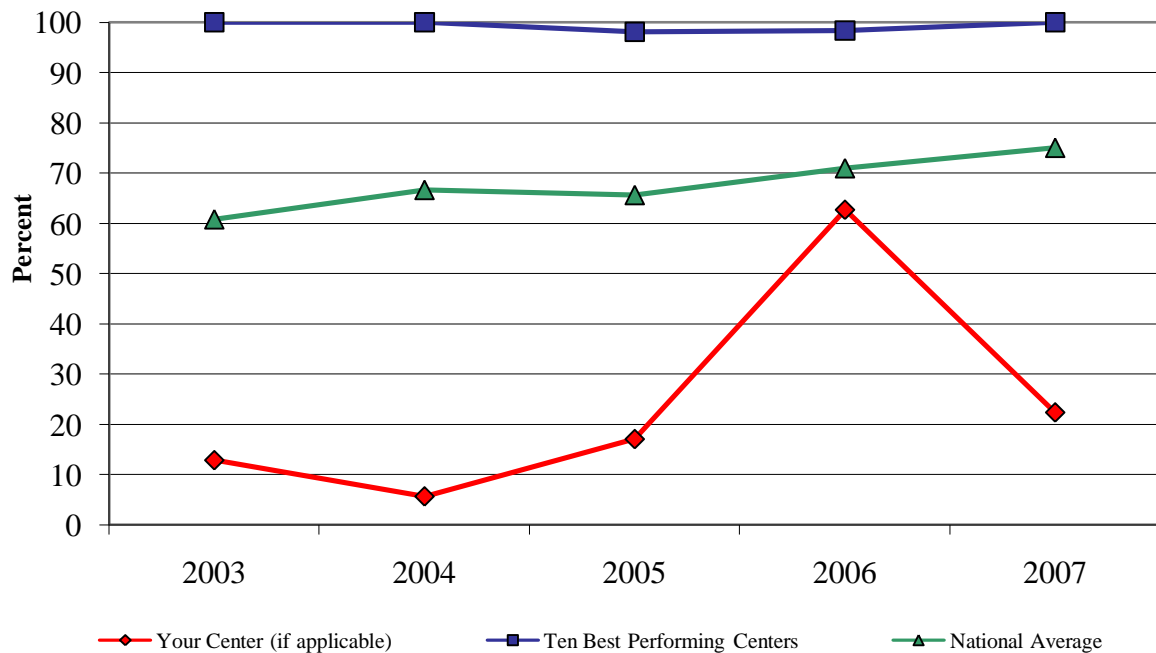
CF Patients \geq 20 Years with BMI < 22 for Female or < 23 for Male Patients seen by a Dietitian, 2007

The national average = 75
The ten best performing centers average = 100
Children's Hospital Boston (Boston, MA) = 22.4

(For this report a higher value is better)

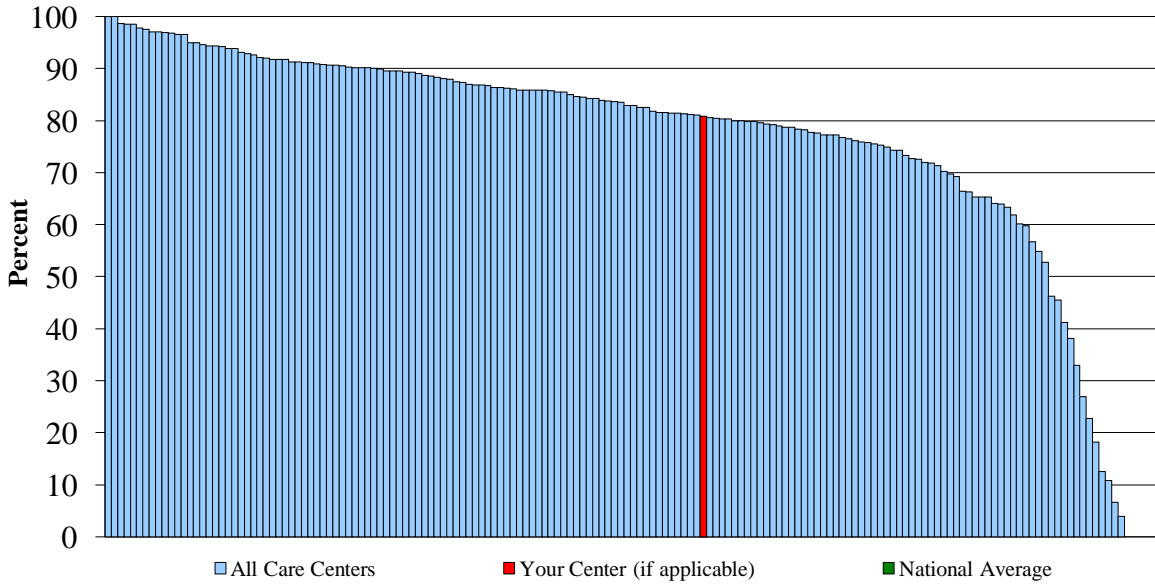


CF Patients \geq 20 Years with BMI < 22 for Female or < 23 for Male Patients seen by a Dietitian, 2003 - 2007

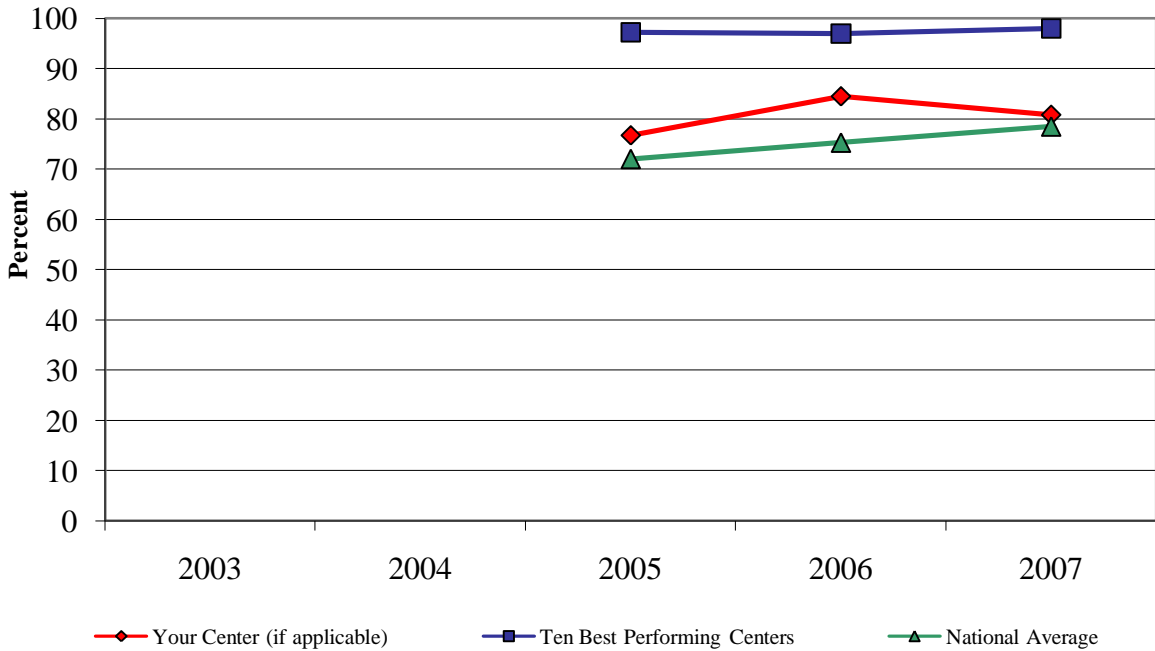


Fat Soluble Vitamins Measured, 2007
The national average = 78.5
The ten best performing centers average = 98
Children's Hospital Boston (Boston, MA) = 80.8

(For this report a higher value is better)

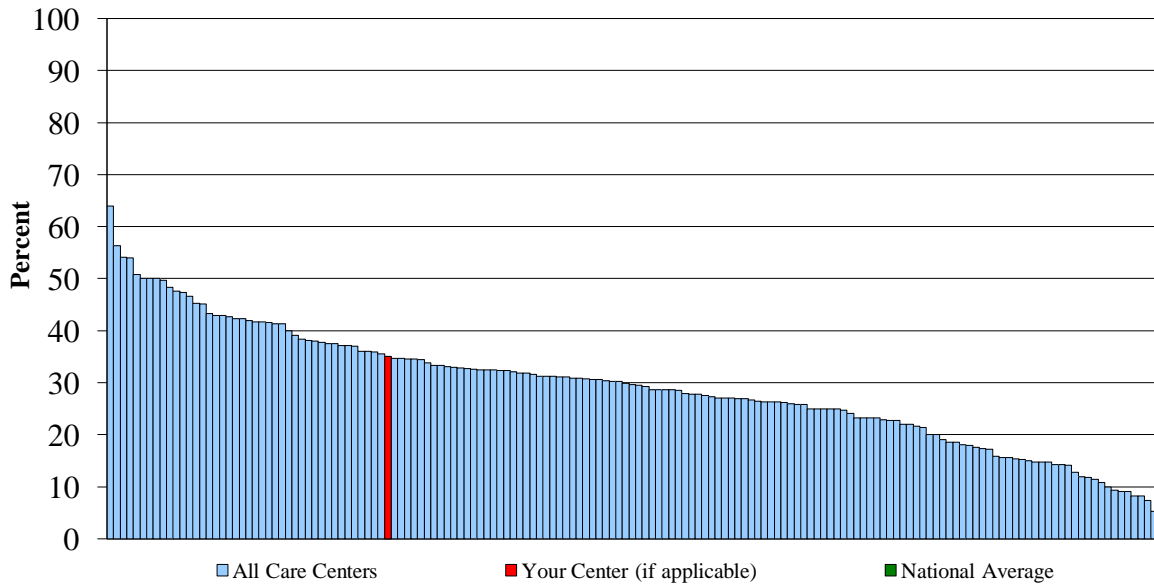


Fat Soluble Vitamins Measured, 2003 - 2007

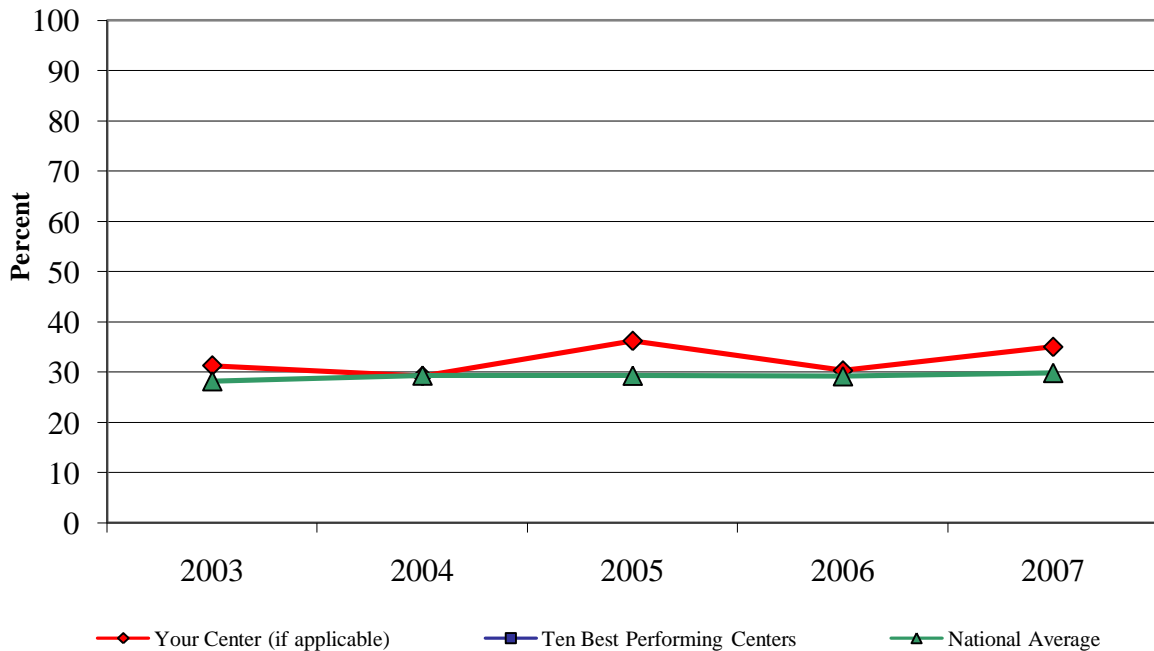


Percent with One or More Pulmonary Exacerbations Children < 18 Years, 2007
The national average = 29.9

Children's Hospital Boston (Boston, MA) = 35

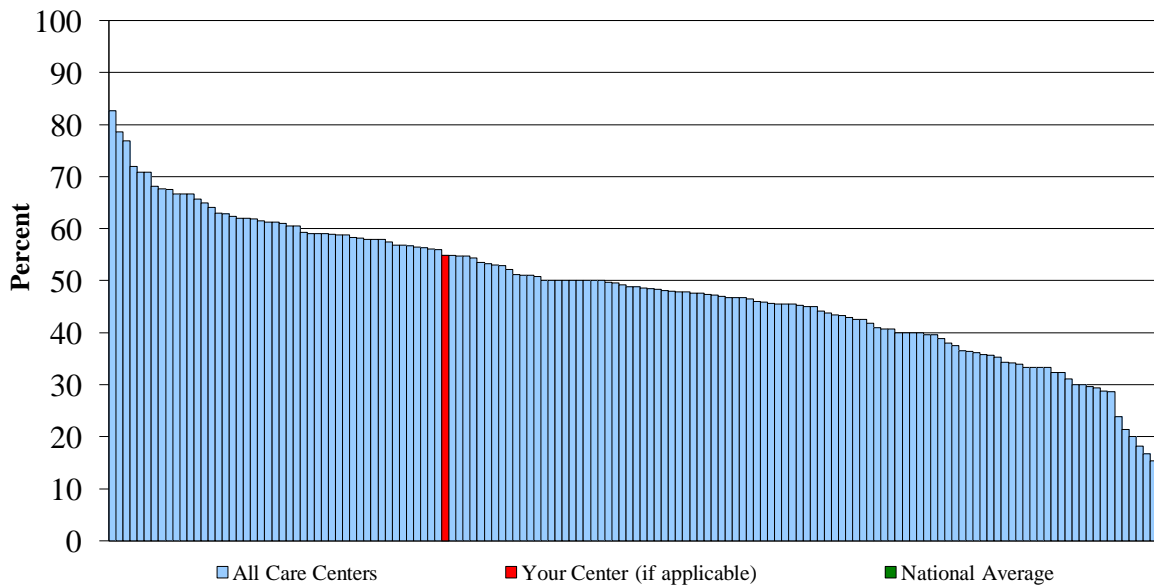


Percent with One or More Pulmonary Exacerbations Children < 18 Years, 2003 - 2007

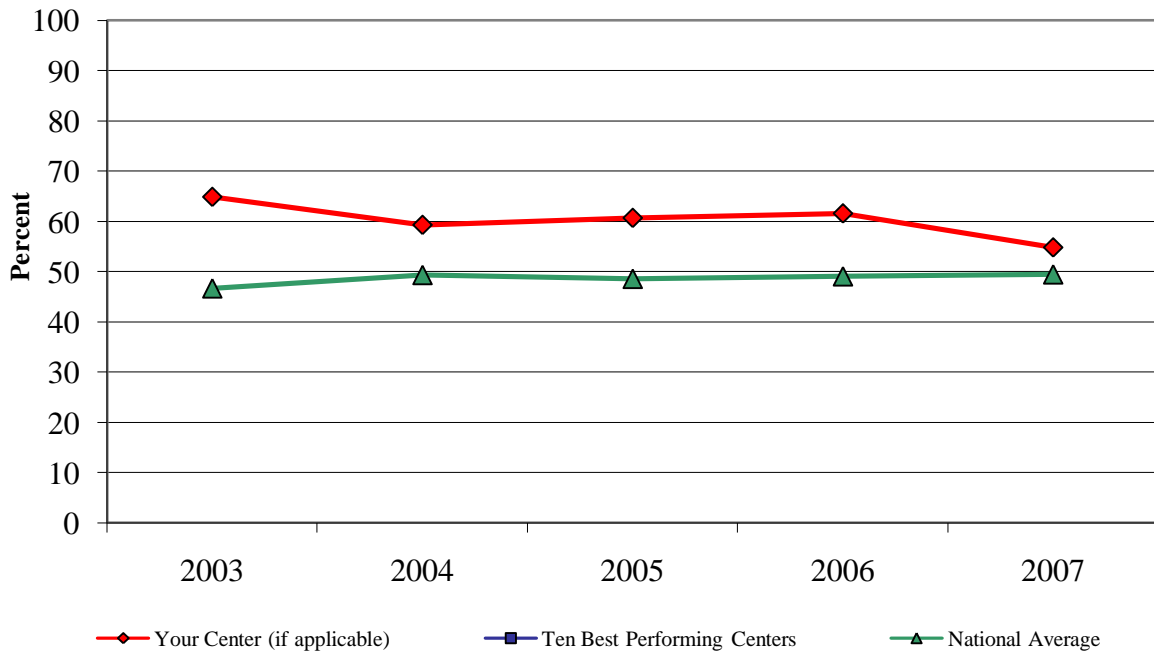


Percent with One or More Pulmonary Exacerbations Adults \geq 18 Years, 2007
The national average = 49.4

Children's Hospital Boston (Boston, MA) = 54.8

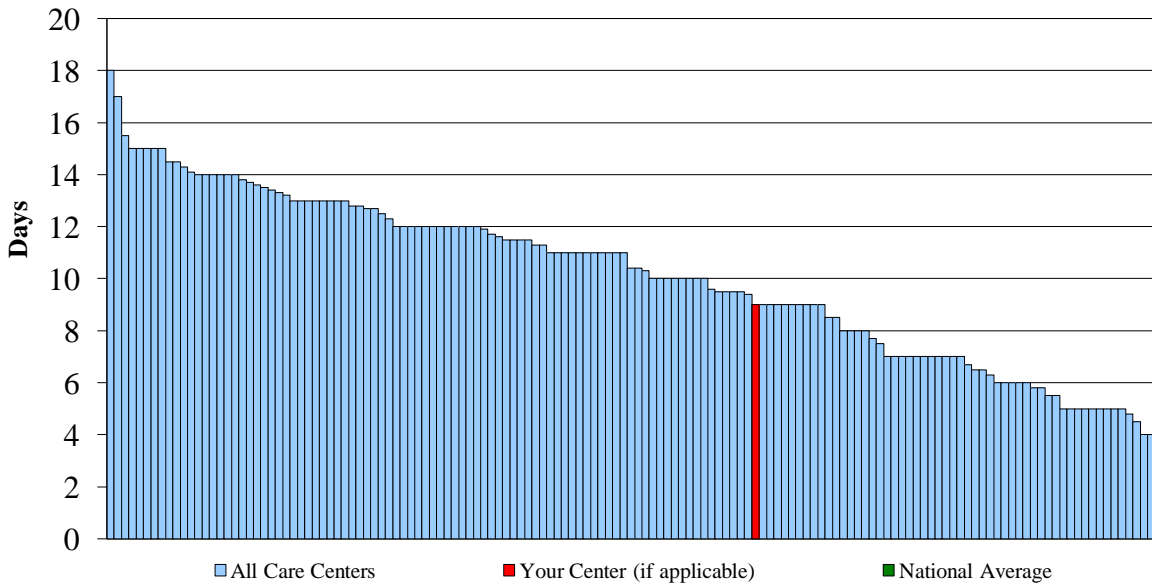


Percent with One or More Pulmonary Exacerbations Adults \geq 18 Years, 2003 - 2007

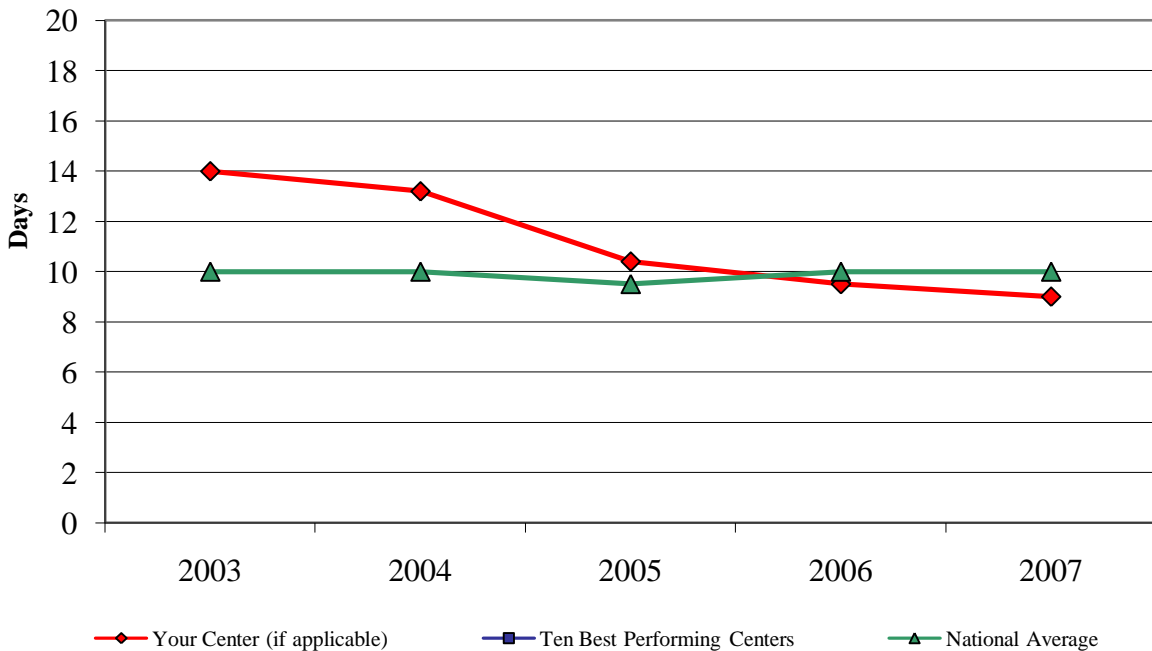


Hospital Length of Stay for Pulmonary Exacerbations in CF Patients < 18 Years, 2007
The national average = 10

Children's Hospital Boston (Boston, MA) = 9

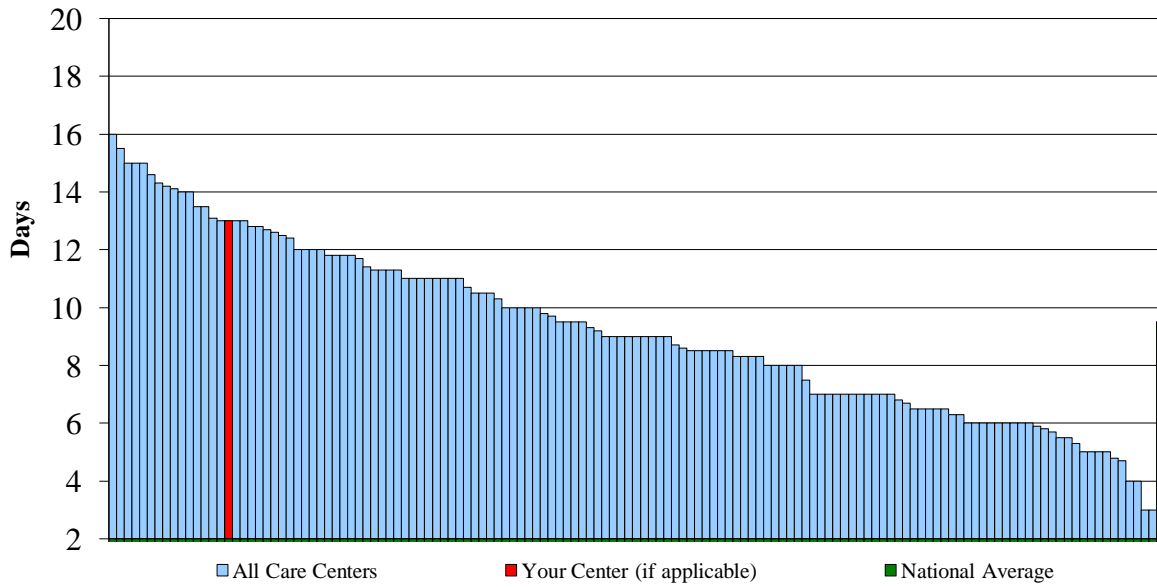


Hospital Length of Stay for Pulmonary Exacerbations in CF Patients < 18 Years, 2003 - 2007

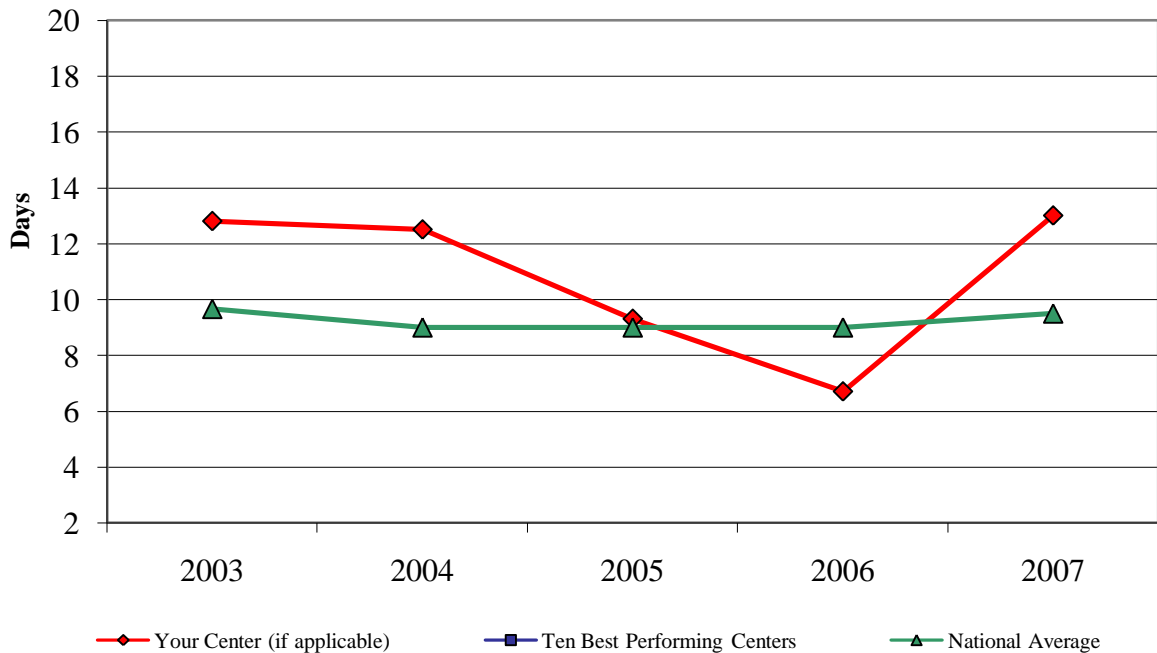


Hospital Length of Stay for Pulmonary Exacerbations in CF Patients \geq 18 Years, 2007
The national average = 9.5

Children's Hospital Boston (Boston, MA) = 13

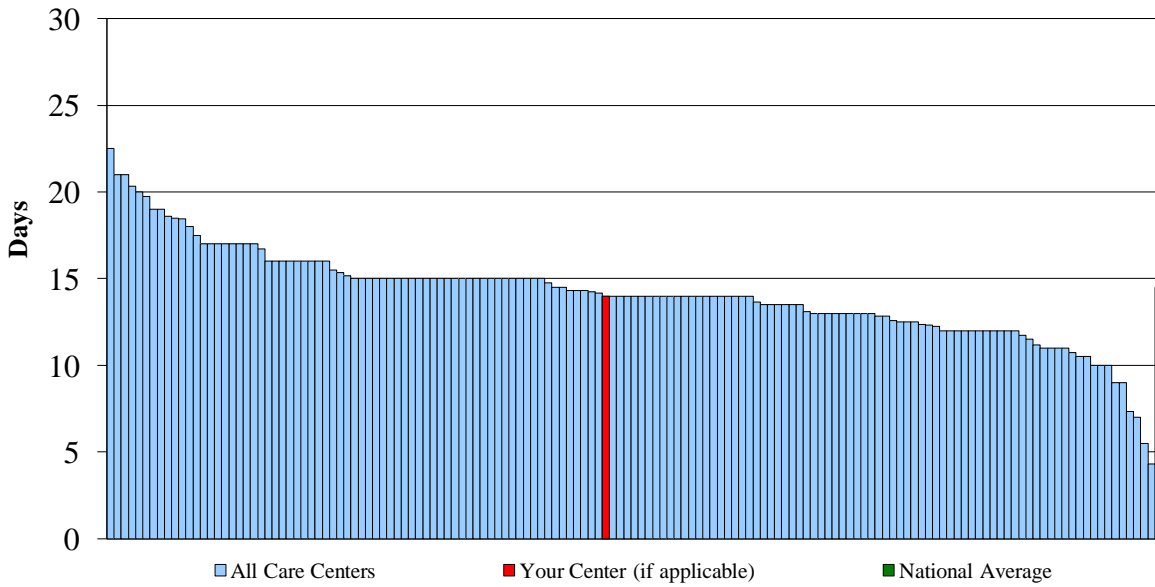


Hospital Length of Stay for Pulmonary Exacerbations in CF Patients \geq 18 Years, 2003 - 2007

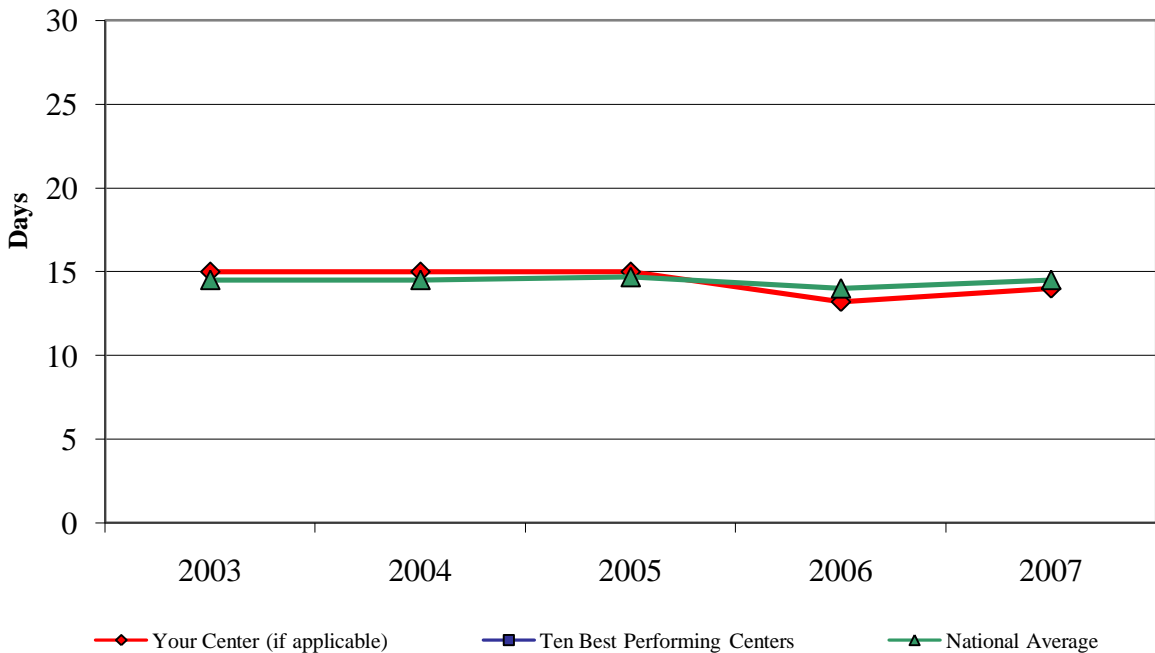


**Total Treatment Duration - Hospitalization and Home IV for Pulmonary Exacerbations in CF
 Patients < 18 Years, 2007
 The national average = 14.5**

Children's Hospital Boston (Boston, MA) = 14

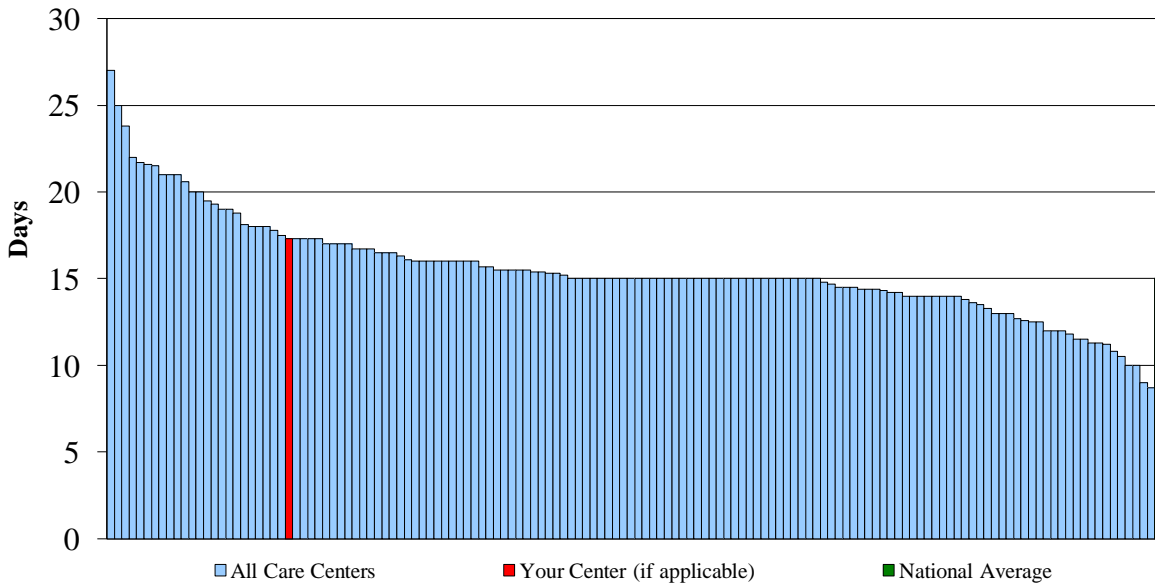


**Total Treatment Duration - Hospitalization and Home IV for Pulmonary Exacerbations in CF
 Patients < 18 Years, 2003 - 2007**

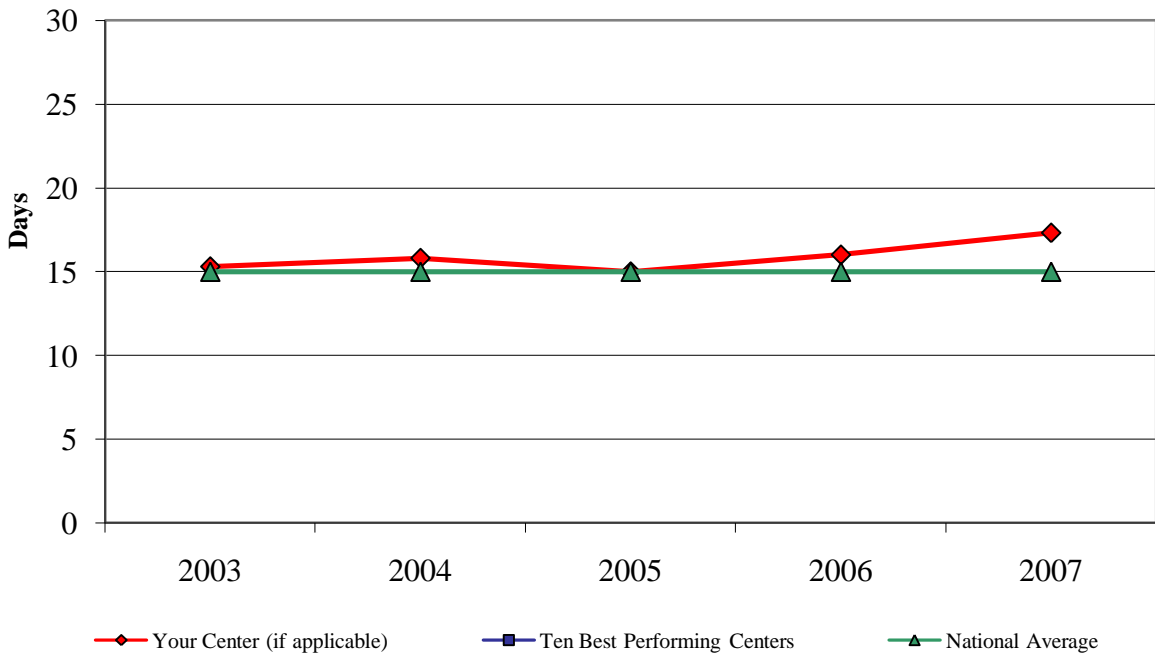


**Total Treatment Duration - Hospitalization and Home IV for Pulmonary Exacerbations in CF
 Patients \geq 18 Years, 2007
 The national average = 15**

Children's Hospital Boston (Boston, MA) = 17.3



**Total Treatment Duration - Hospitalization and Home IV for Pulmonary Exacerbations in CF
 Patients \geq 18 Years, 2003 - 2007**



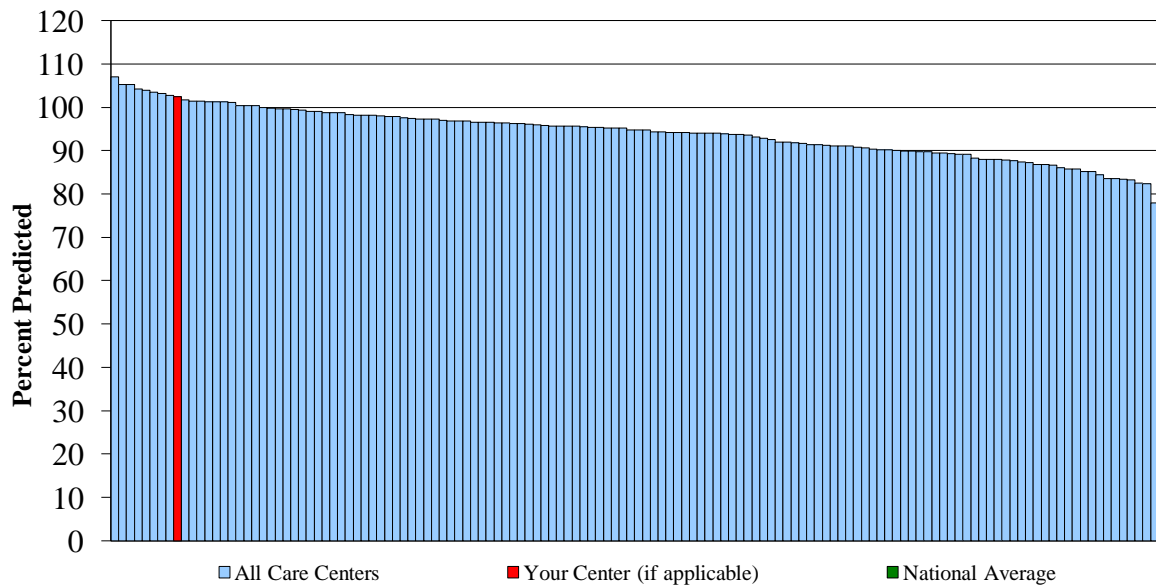
Median FEV₁ Percent Predicted for CF Patients 6 to 12 Years, 2007

The national median = 95.4

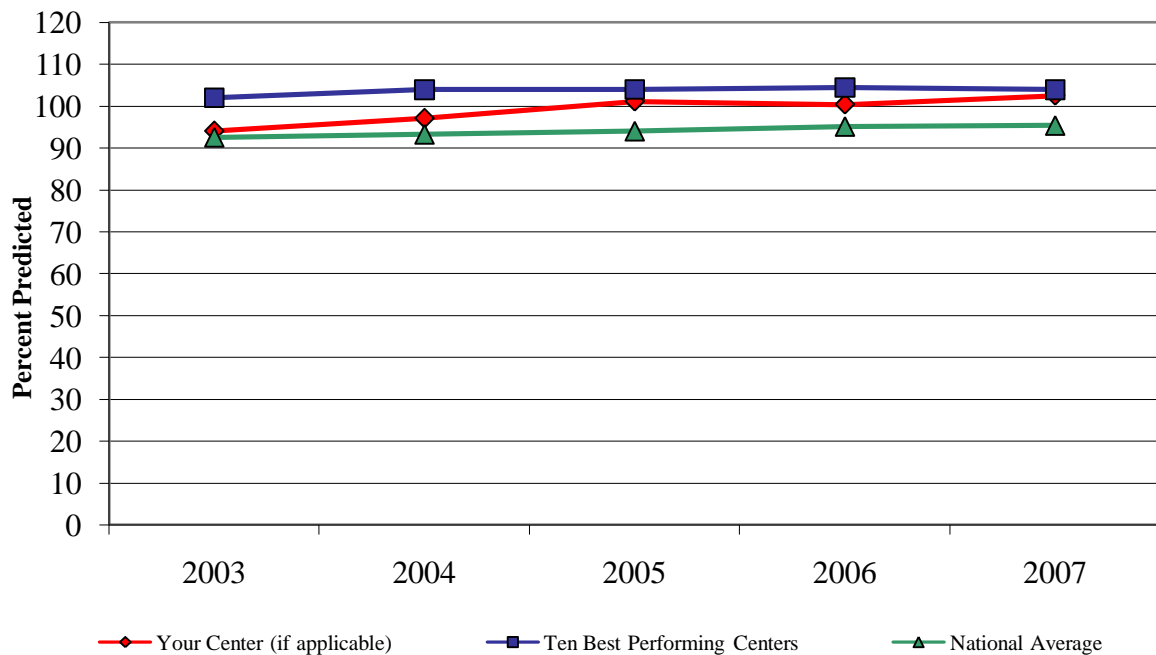
The ten best performing centers average = 103.9

Children's Hospital Boston (Boston, MA) = 102.5

(For this report a higher value is better)



Median FEV₁ Percent Predicted for CF Patients 6 to 12 Years, 2003 - 2007



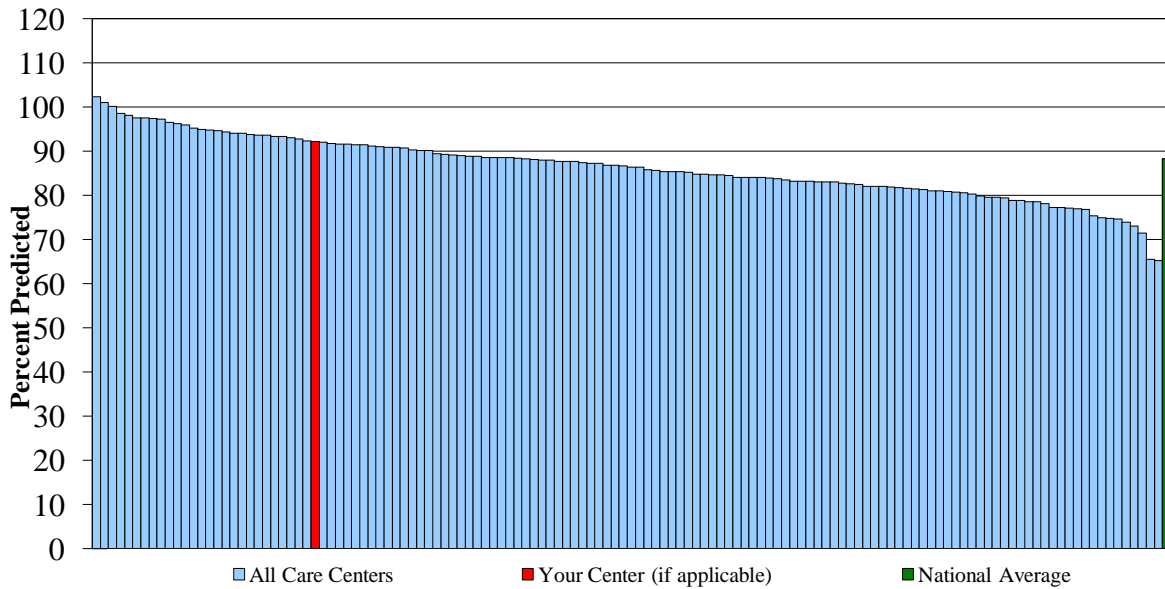
Median FEV₁ Percent Predicted for CF Patients 13 to 17 Years, 2007

The national median = 88.3

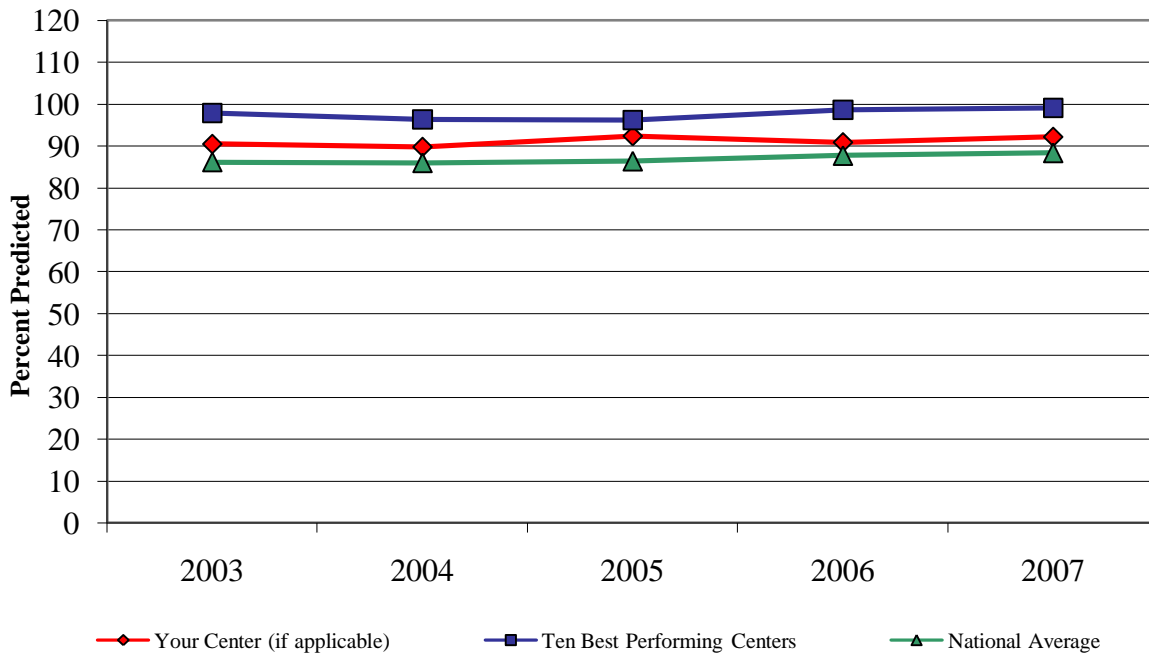
The ten best performing centers average = 99.1

Children's Hospital Boston (Boston, MA) = 92.2

(For this report a higher value is better)



Median FEV₁ Percent Predicted for CF Patients 13 to 17 Years, 2003 - 2007



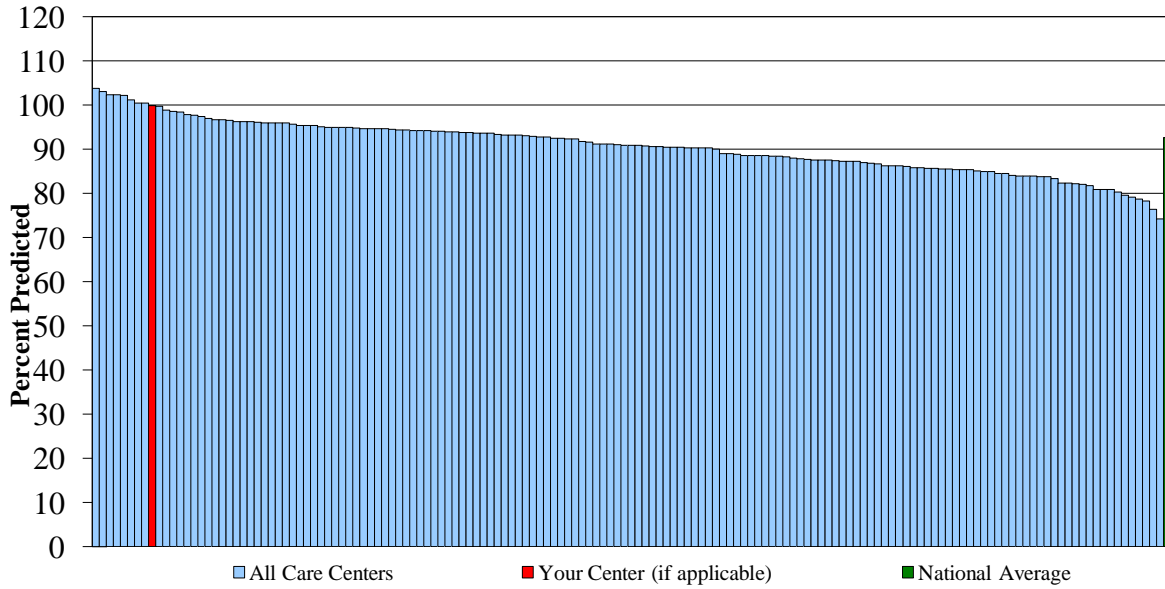
Median FEV₁ Percent Predicted for CF Patients 6 to 17 Years, 2007

The national median = 92.6

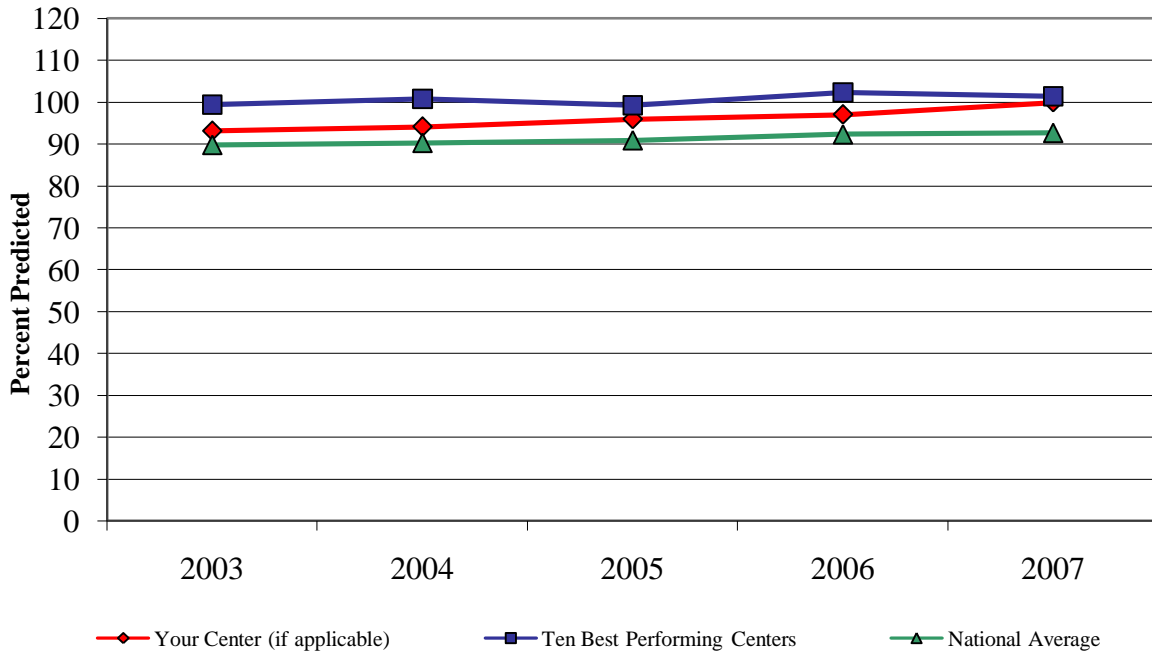
The ten best performing centers average = 101.4

Children's Hospital Boston (Boston, MA) = 99.9

(For this report a higher value is better)



Median FEV₁ Percent Predicted for CF Patients 6 to 17 Years, 2003 - 2007



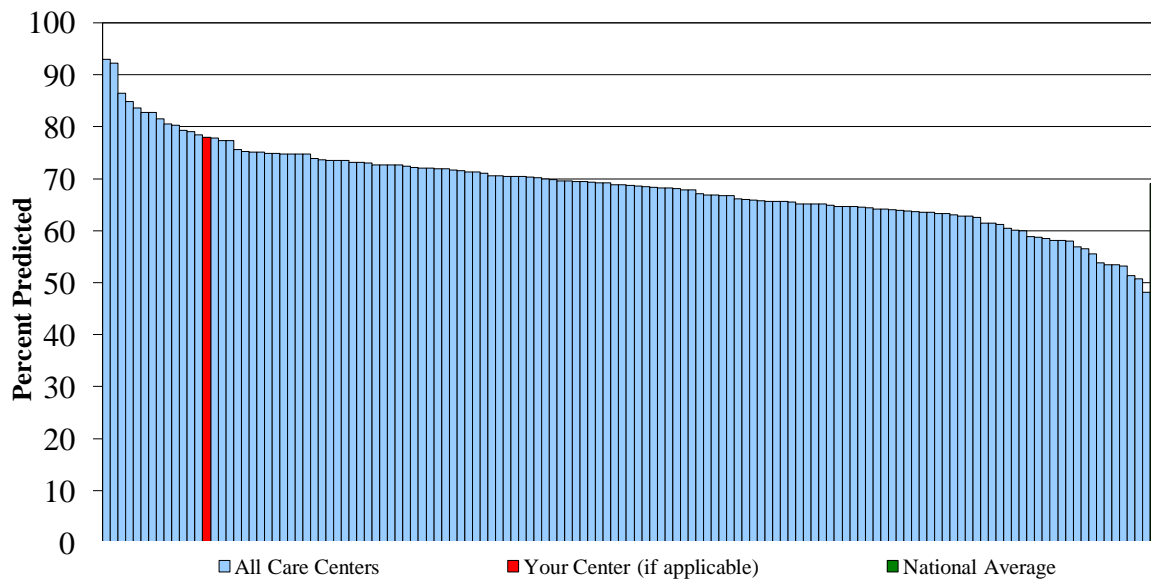
Median FEV₁ Percent Predicted for CF Patients 18 to 30 Years, 2007

The national median = 69.1

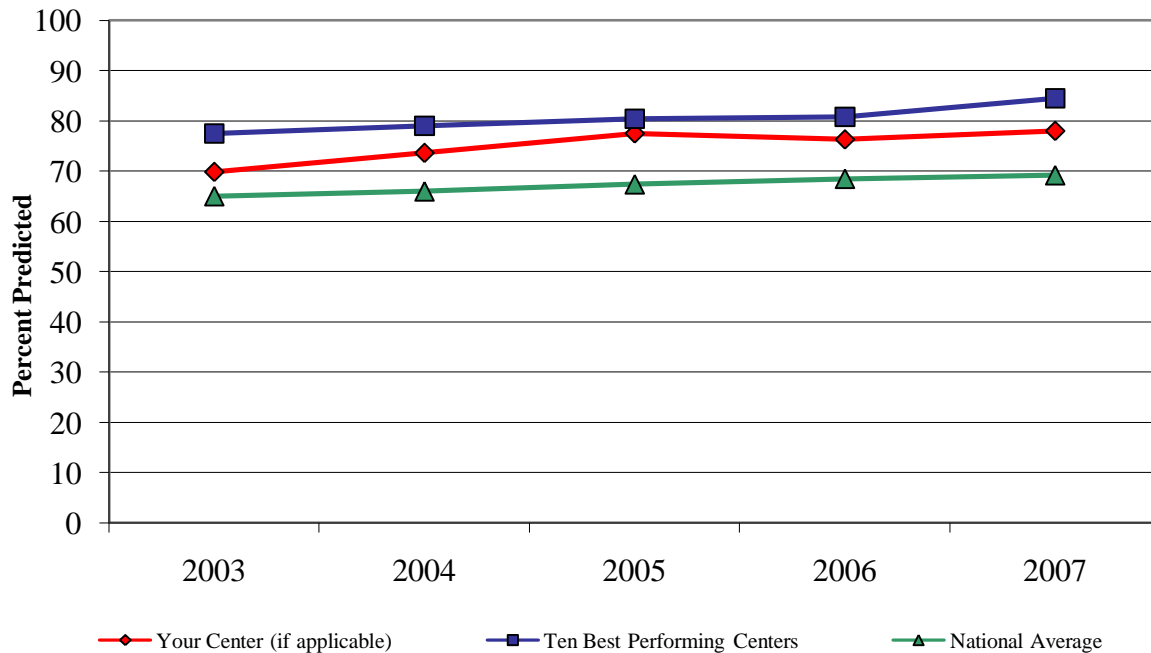
The ten best performing centers average = 84.5

Children's Hospital Boston (Boston, MA) = 78

(For this report a higher value is better)



Median FEV₁ Percent Predicted for CF Patients 18 to 30 Years, 2003 - 2007



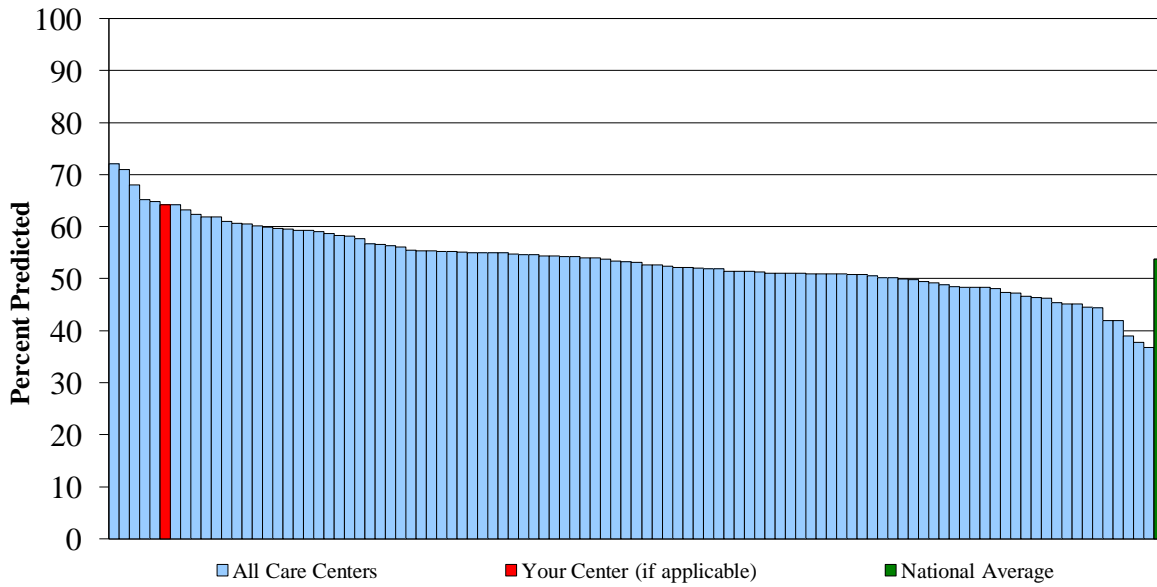
Median FEV₁ Percent Predicted for CF Patients ≥ 30 Years, 2007

The national median = 53.7

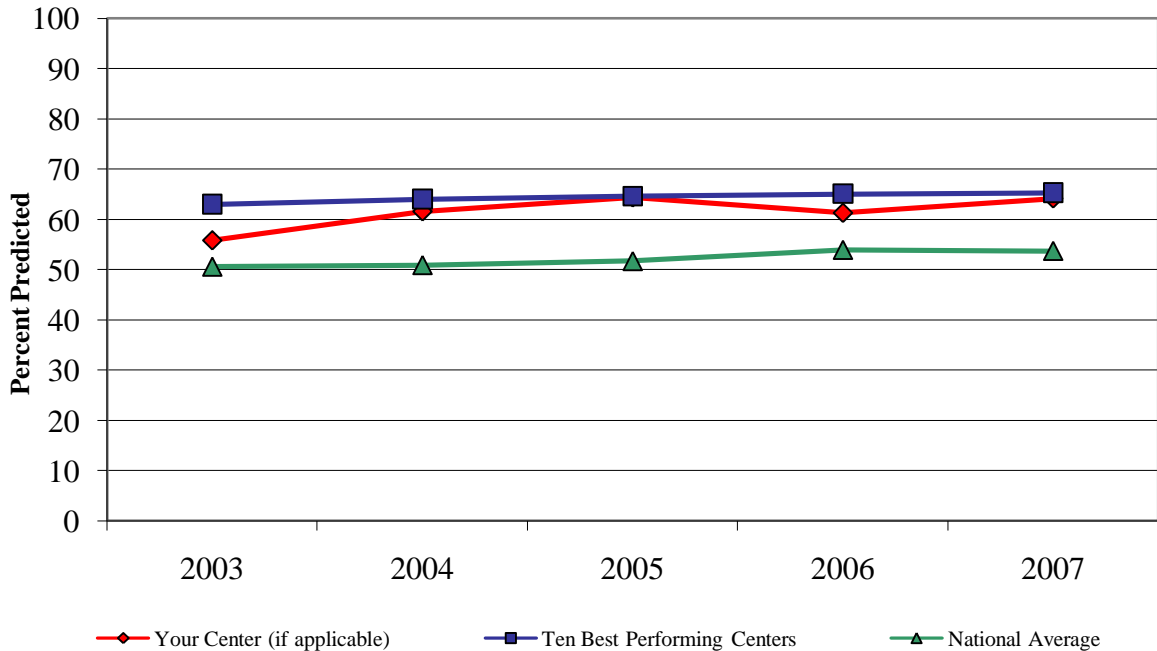
The ten best performing centers average = 65.3

Children's Hospital Boston (Boston, MA) = 64.2

(For this report a higher value is better)



Median FEV₁ Percent Predicted for CF Patients ≥ 30 Years, 2003 - 2007



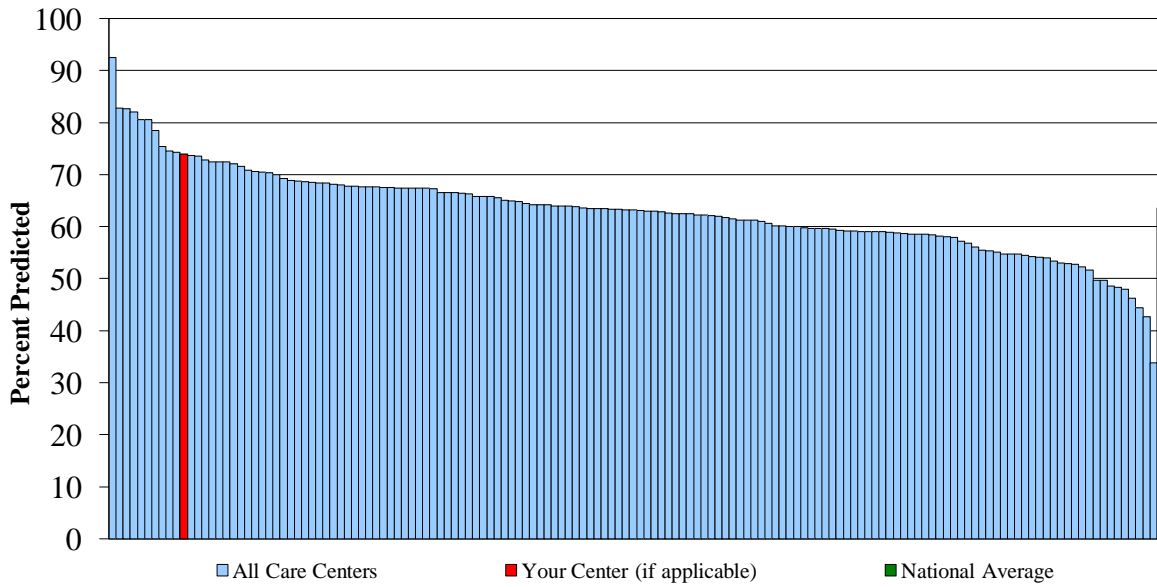
Median FEV₁ Percent Predicted for CF Patients ≥ 18 Years, 2007

The national median = 63.6

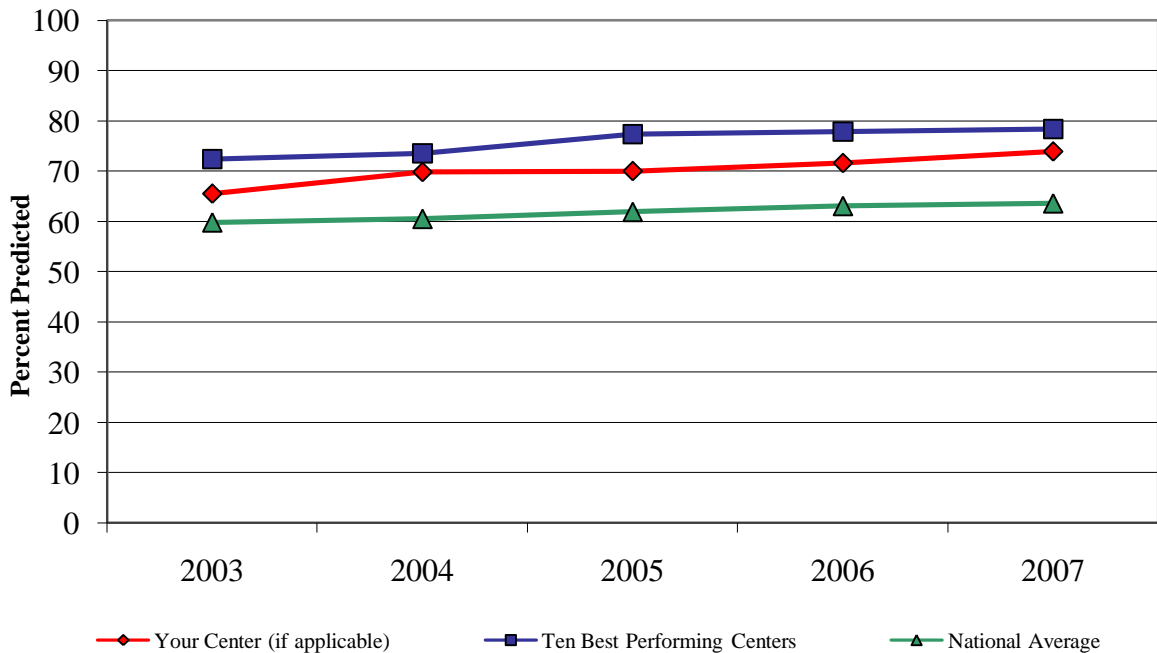
The ten best performing centers average = 78.4

Children's Hospital Boston (Boston, MA) = 73.9

(For this report a higher value is better)



Median FEV₁ Percent Predicted for CF Patients ≥ 18 Years, 2003 - 2007



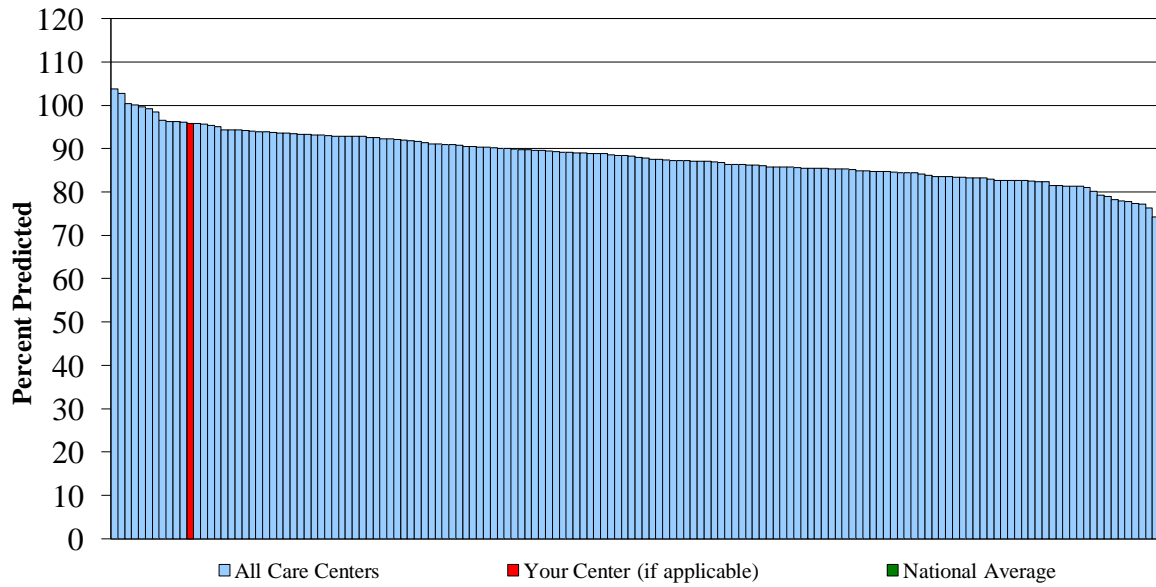
Mean FEV₁ Percent Predicted for CF Patients 6 to 17 Years, 2007

The national mean = 89.6

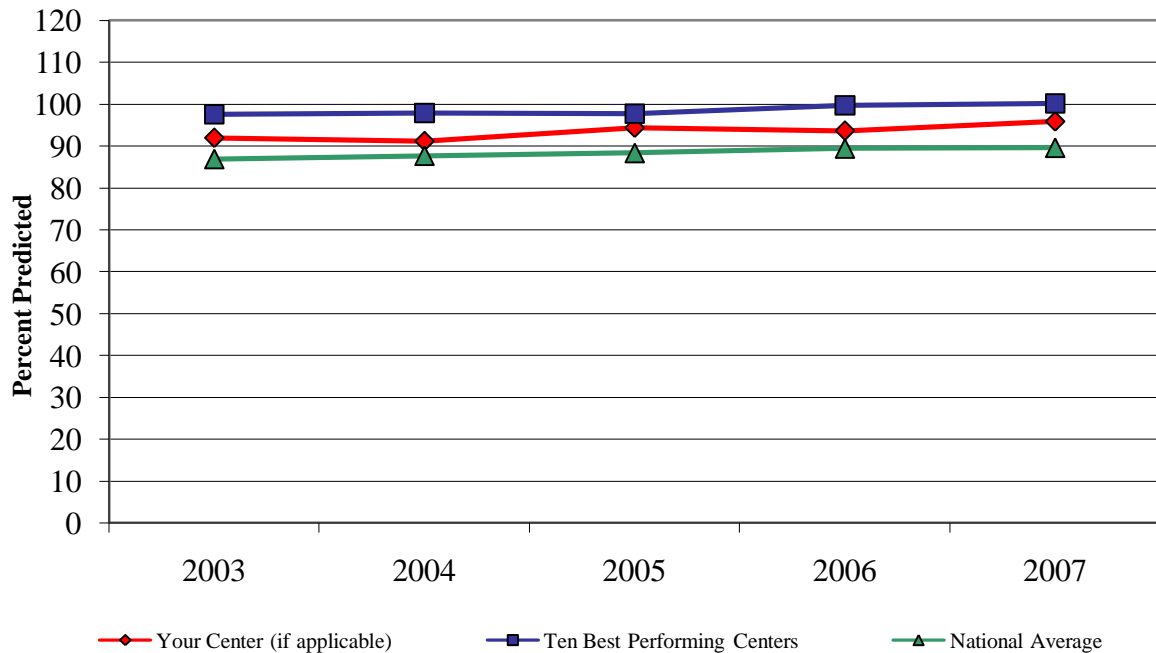
The ten best performing centers average = 100.1

Children's Hospital Boston (Boston, MA) = 95.8

(For this report a higher value is better)



Mean FEV₁ Percent Predicted for CF Patients 6 to 17 Years, 2003 - 2007



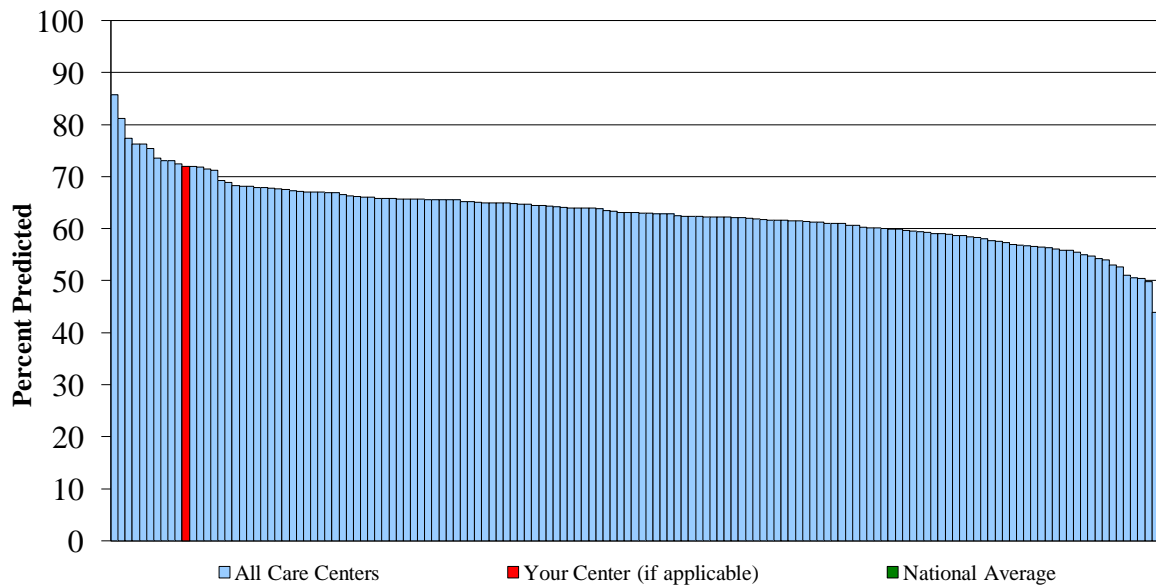
Mean FEV₁ Percent Predicted for CF Patients ≥ 18 Years, 2007

The national mean = 63.4

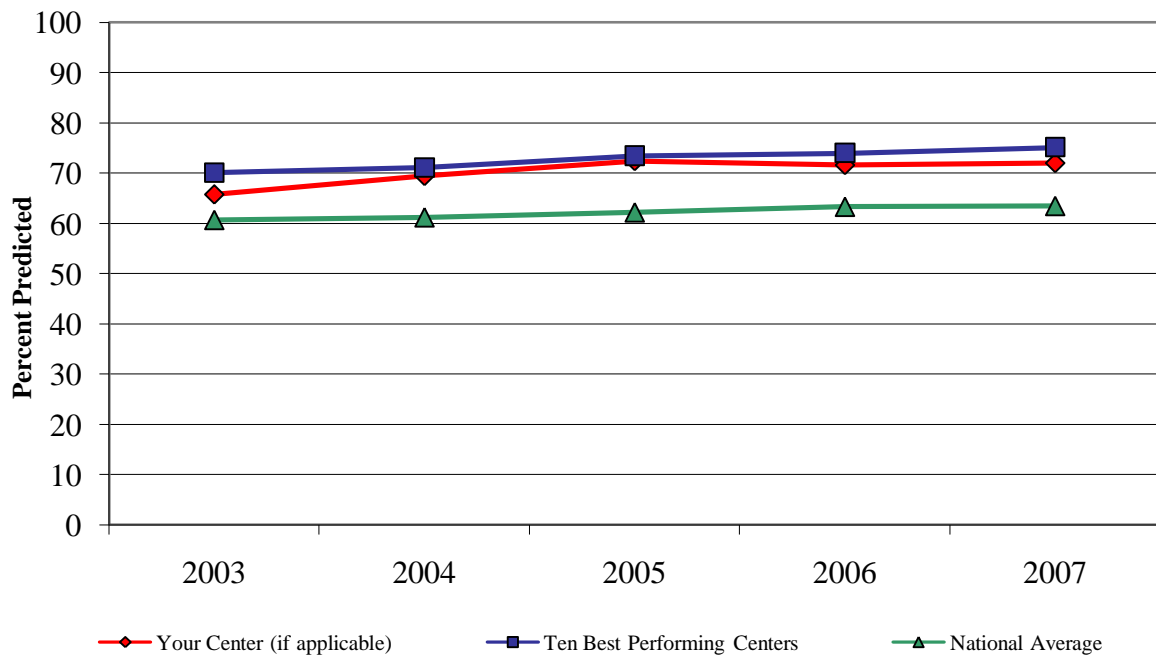
The ten best performing centers average = 75.1

Children's Hospital Boston (Boston, MA) = 72

(For this report a higher value is better)

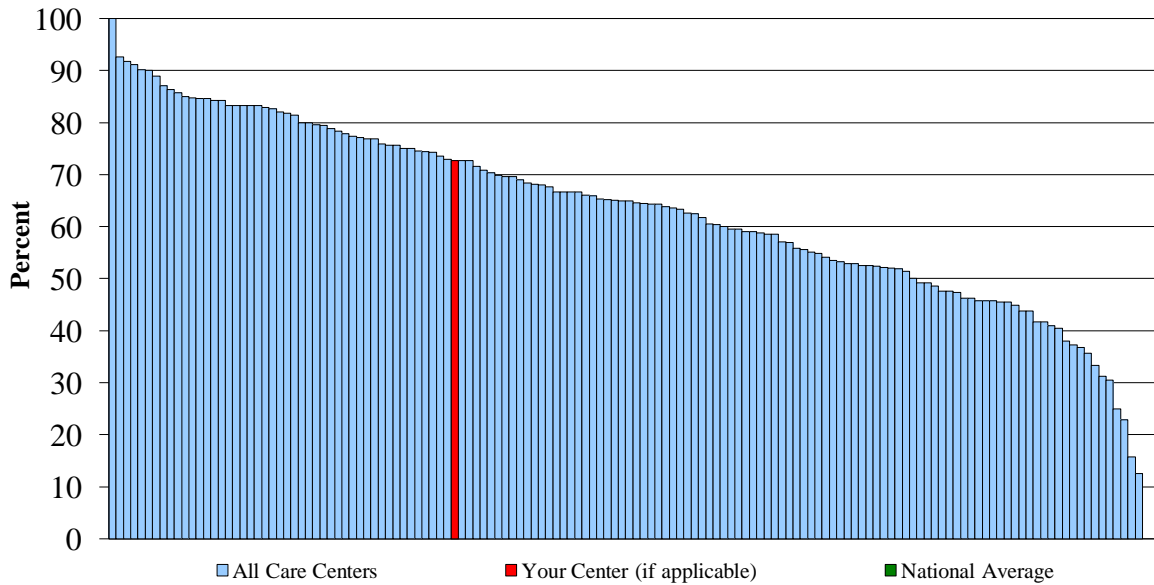


Mean FEV₁ Percent Predicted for CF Patients ≥ 18 Years, 2003 - 2007

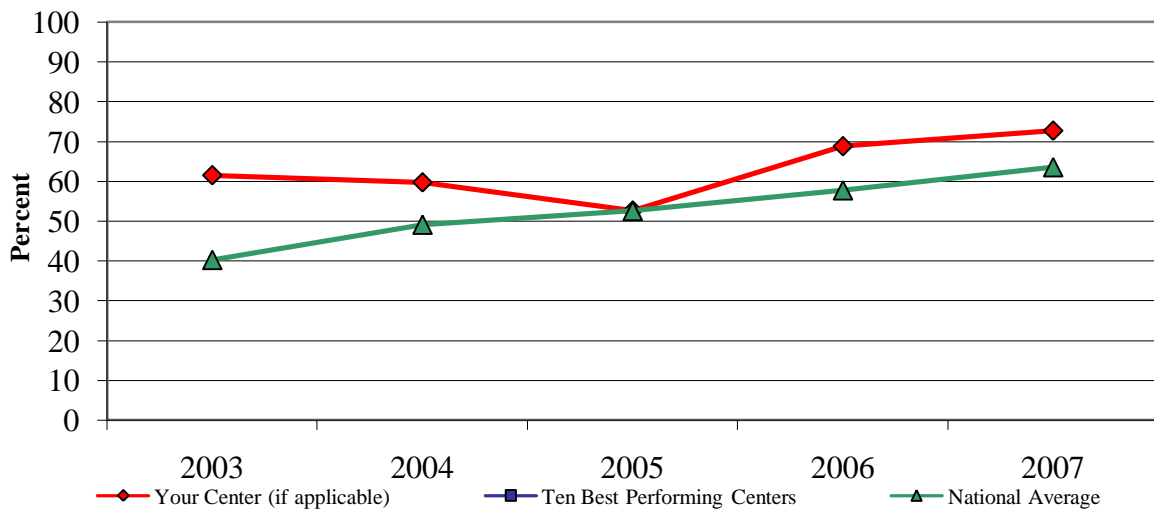


Chronic Macrolide Use in "Eligible" CF Patients \geq 6 Years , 2007
The national average = 63.6

Children's Hospital Boston (Boston, MA) = 72.7



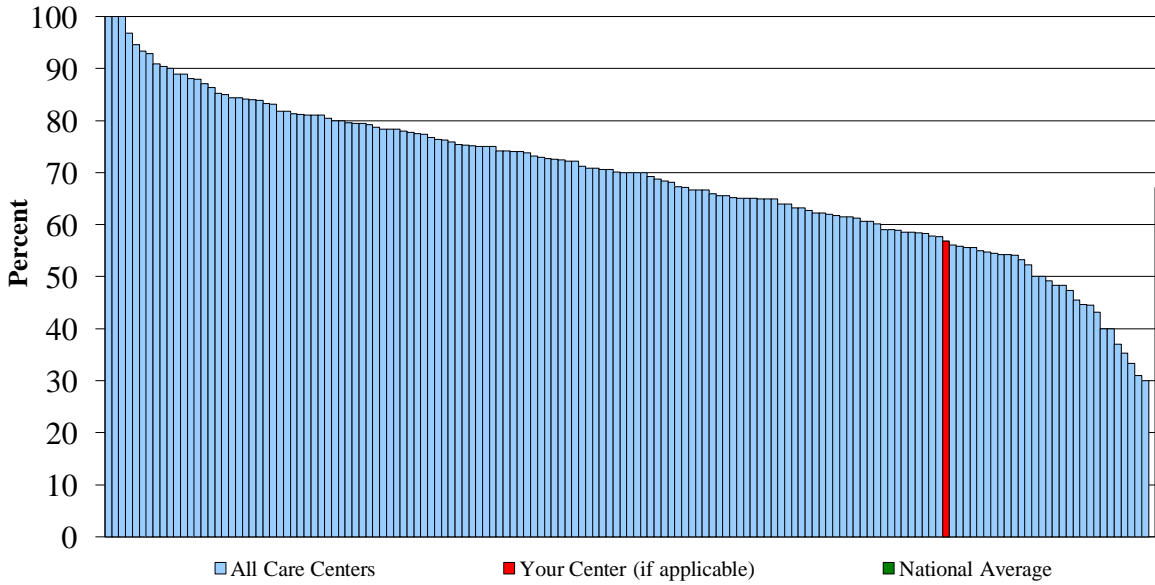
Chronic Macrolide Use in "Eligible" CF Patients \geq 6 Years , 2003 - 2007



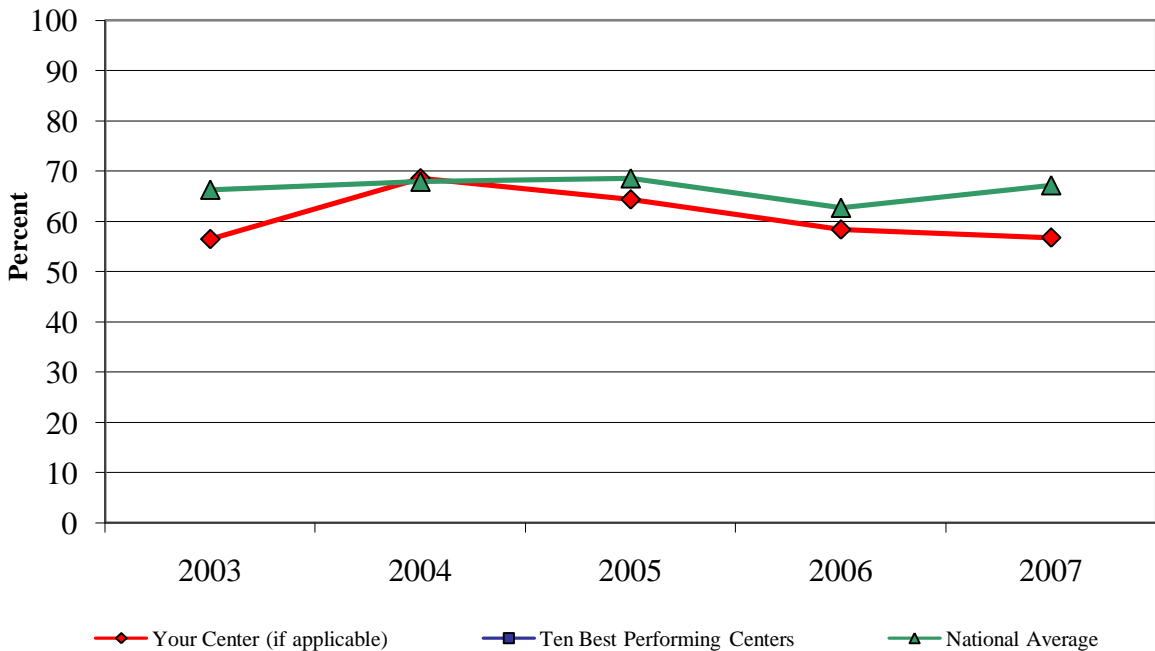
Patients were considered 'eligible' if they met the selection criteria in the U.S. Azithromycin Trial (weight > 25kg, chronic *Pseudomonas aeruginosa* and FEV₁ > 30 percent. Exclusions were: macrolide allergy, non-tuberculous mycobacteria, *Burkholderia cepacia* positive, liver disease or elevated creatinine.) JAMA 2003; 1749-56.

Chronic TOBI[®] Use in *P. aeruginosa* + CF Patients \geq 6 Years, 2007
The national average = 67.2

Children's Hospital Boston (Boston, MA) = 56.8

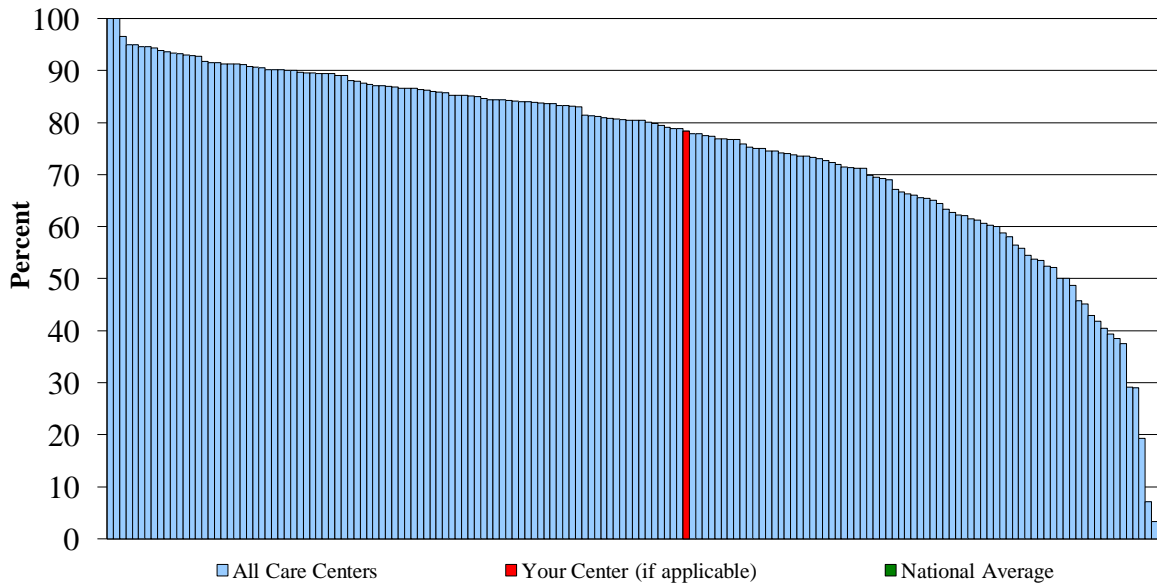


Chronic TOBI[®] Use in *P. aeruginosa* + CF Patients \geq 6 Years, 2003 - 2007

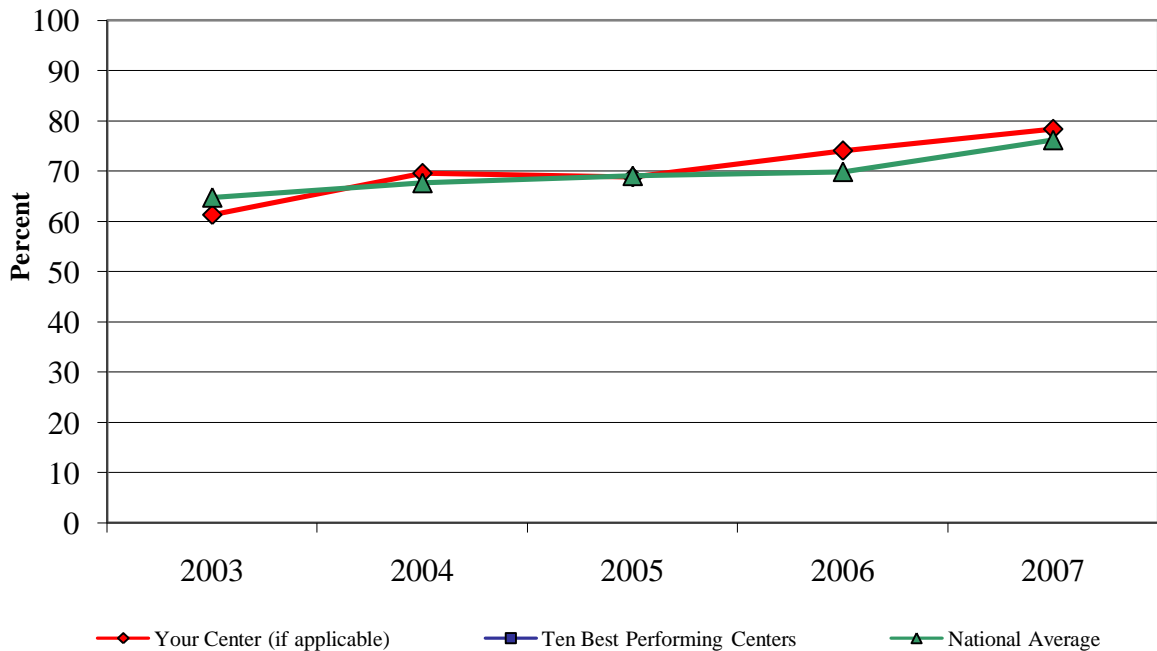


Pulmozyme[®] Use in CF Patients \geq 6 Years, 2007
The national average = 76.1

Children's Hospital Boston (Boston, MA) = 78.4

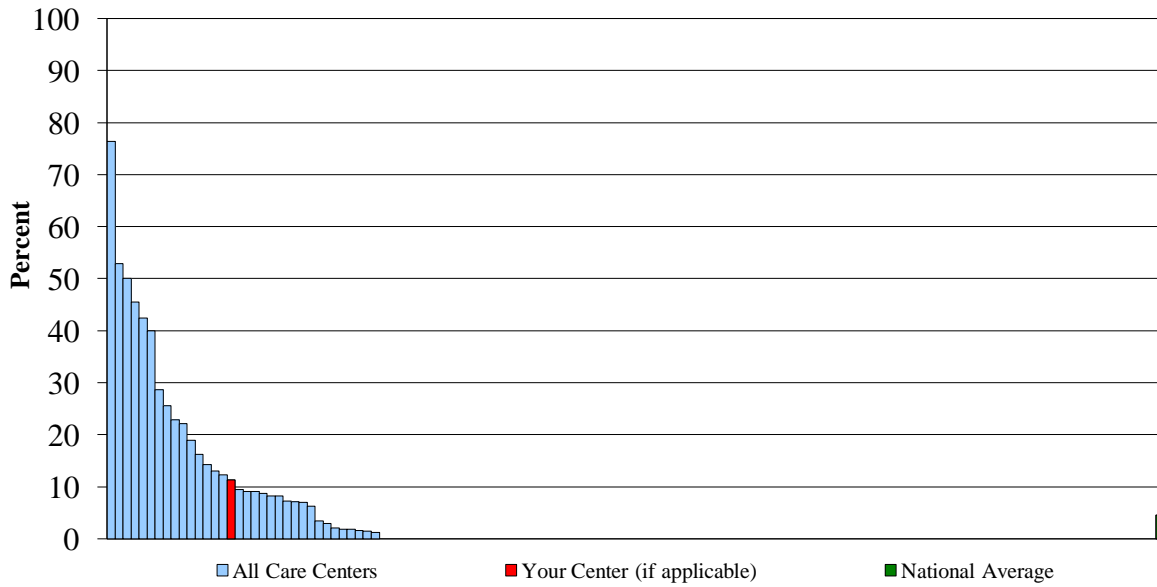


Pulmozyme[®] Use in CF Patients \geq 6 Years, 2003 - 2007

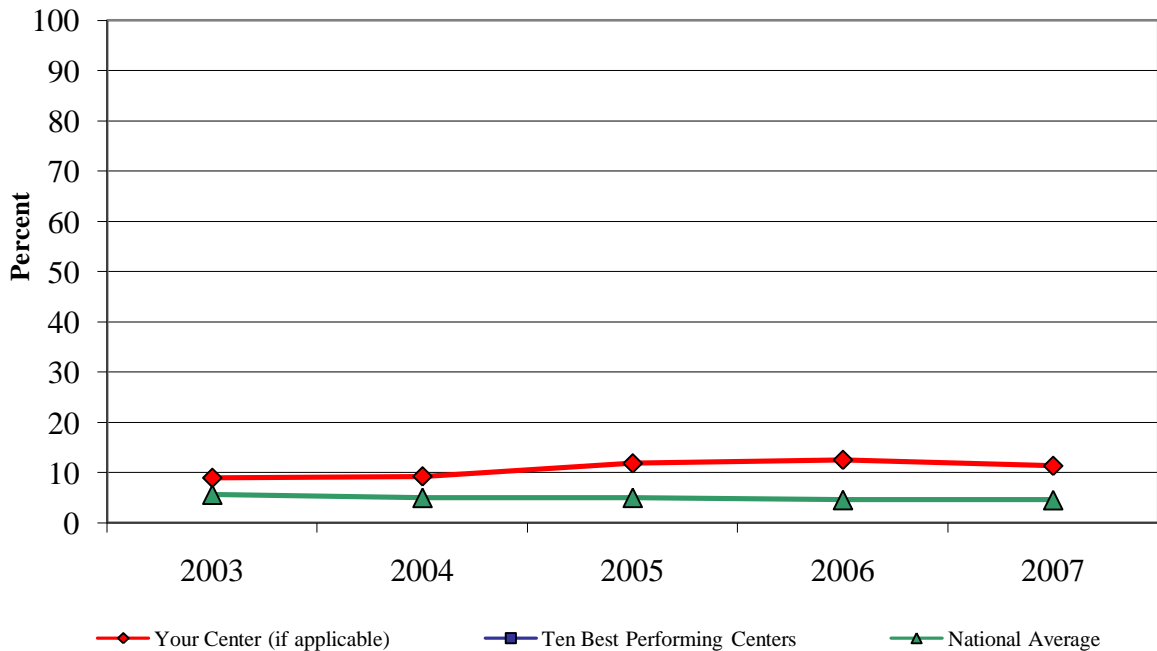


Ibuprofen Use in CF Patients 6 to <13 Years with FEV₁ > 60 Percent Predicted, 2007
The national average = 4.6

Children's Hospital Boston (Boston, MA) = 11.3

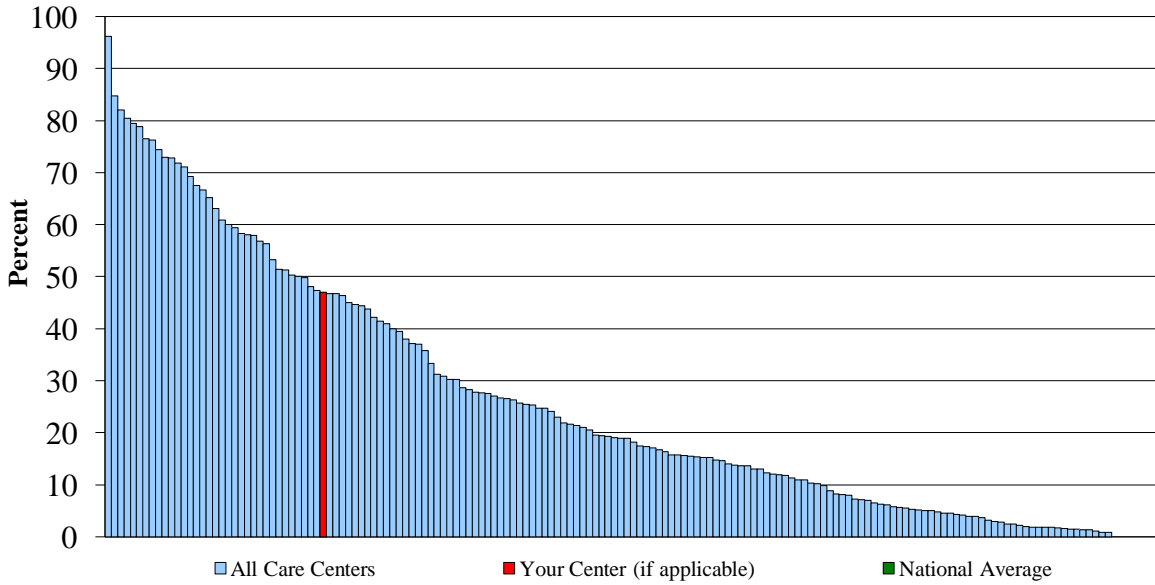


Ibuprofen Use in CF Patients 6 to <13 Years with FEV₁ > 60 Percent Predicted, 2003 - 2007

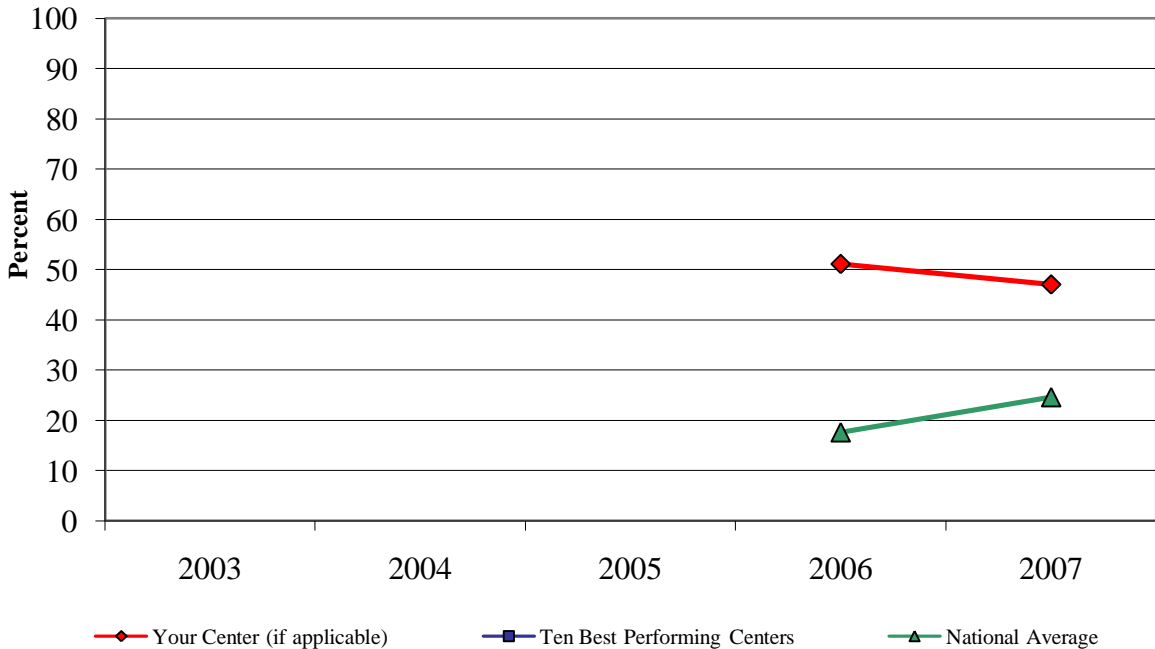


Exercise as Primary or Secondary Airway Clearance Technique, 2007
The national average = 24.6

Children's Hospital Boston (Boston, MA) = 47

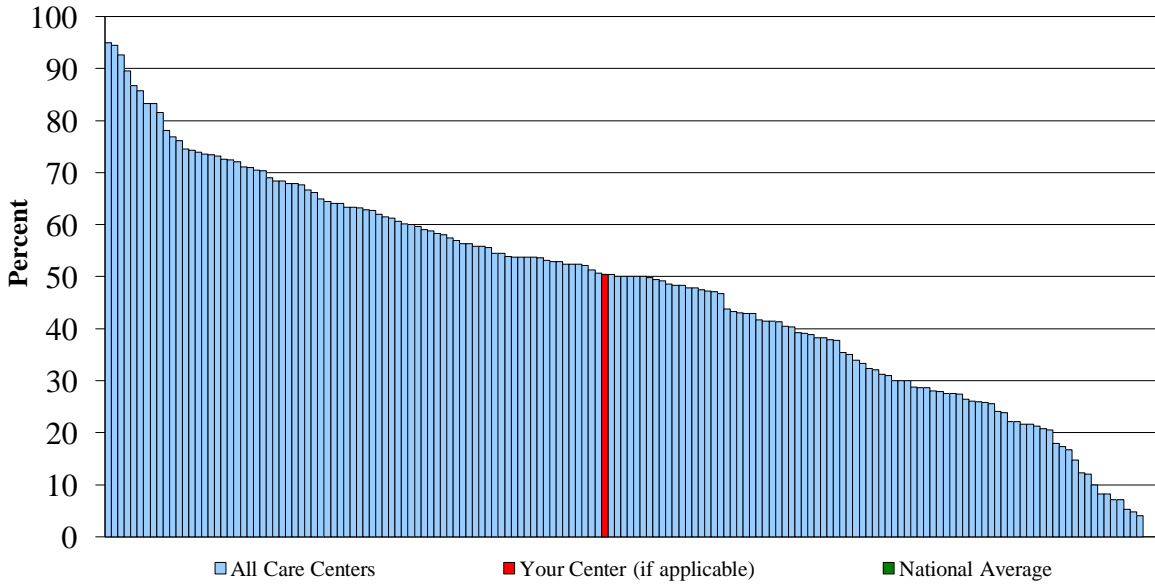


Exercise as Primary or Secondary Airway Clearance Technique, 2003 - 2007

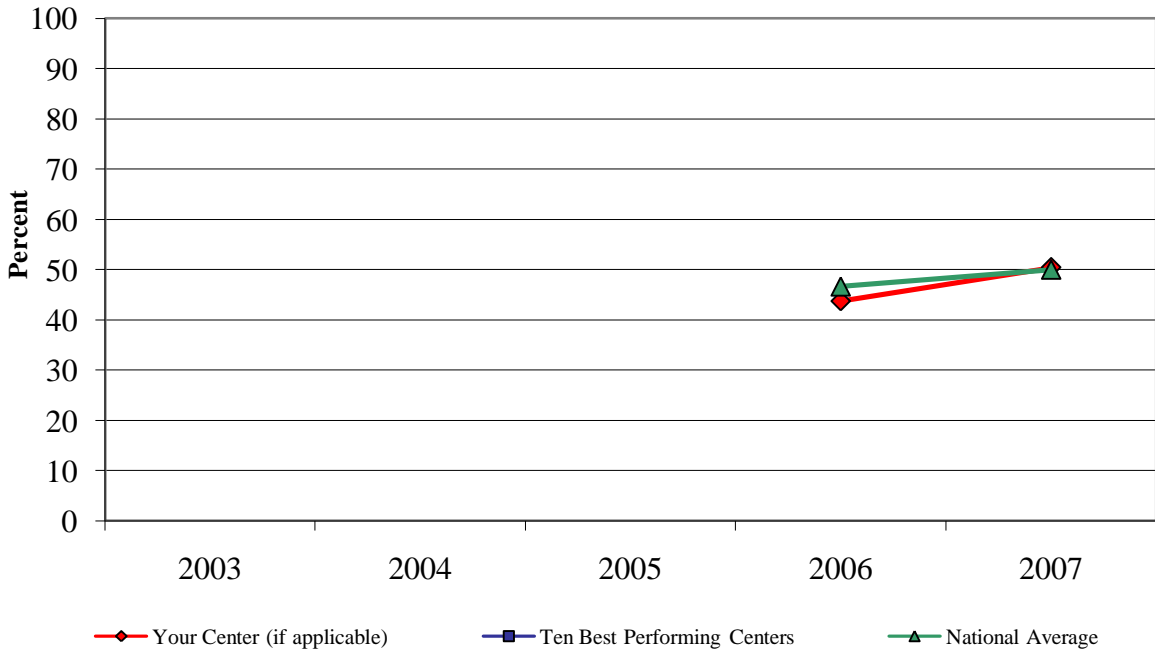


Inhaled Steroid Use in CF Patients \geq 6 Years Without Asthma or ABPA, 2007
The national average = 50

Children's Hospital Boston (Boston, MA) = 50.4

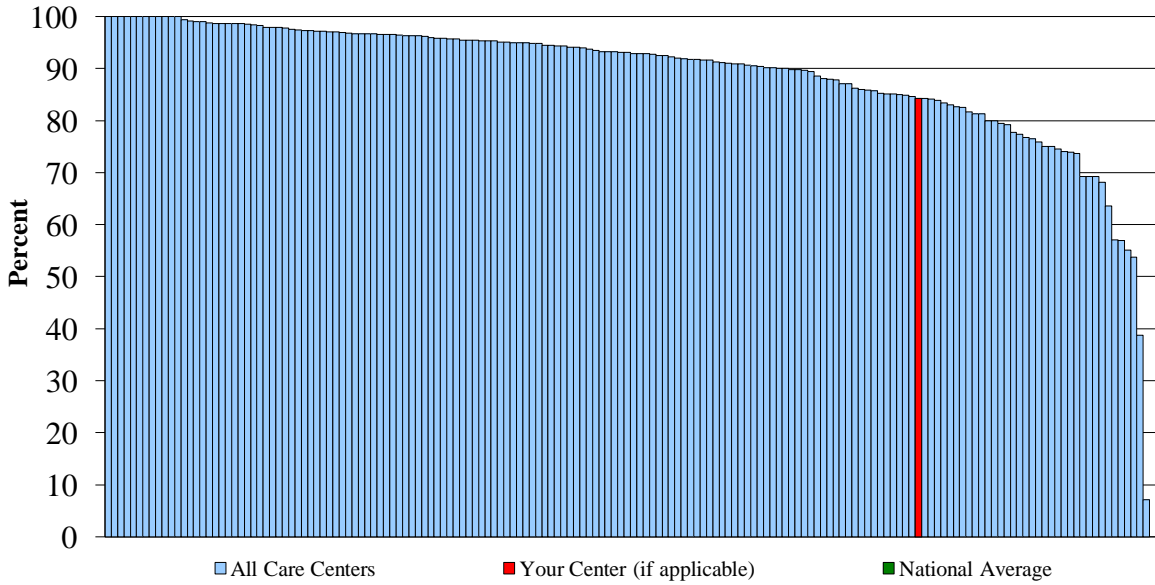


Inhaled Steroid Use in CF Patients \geq 6 Years Without Asthma or ABPA, 2003 - 2007

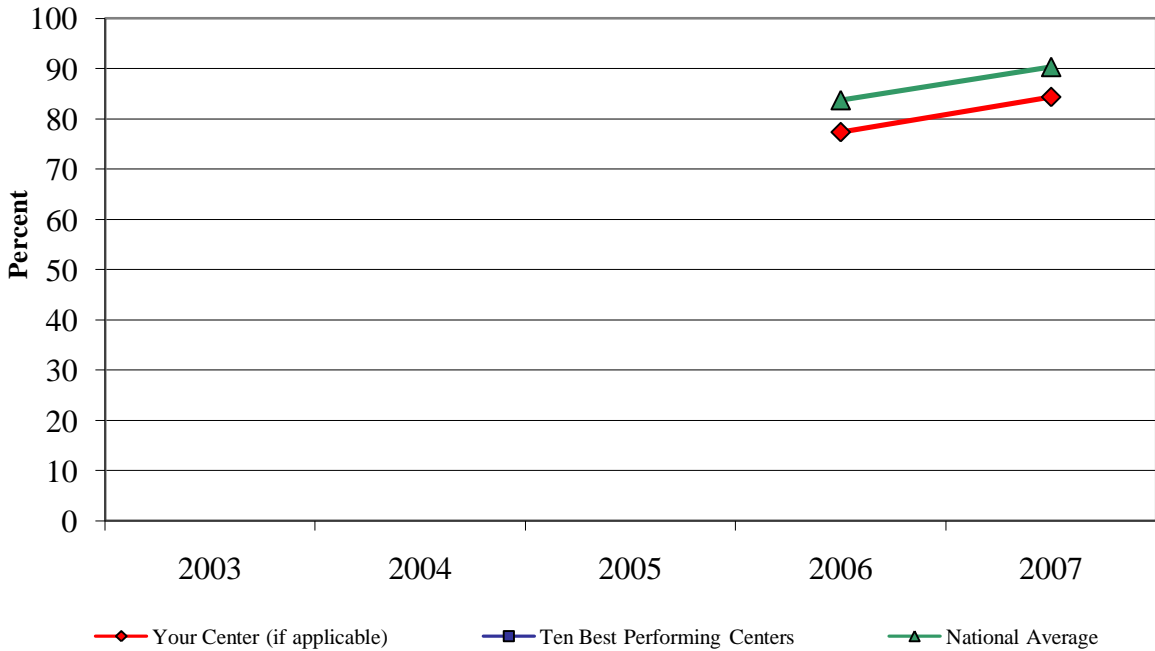


Inhaled Beta Agonist Use in CF Patients \geq 6 Years, 2007
The national average = 90.3

Children's Hospital Boston (Boston, MA) = 84.3

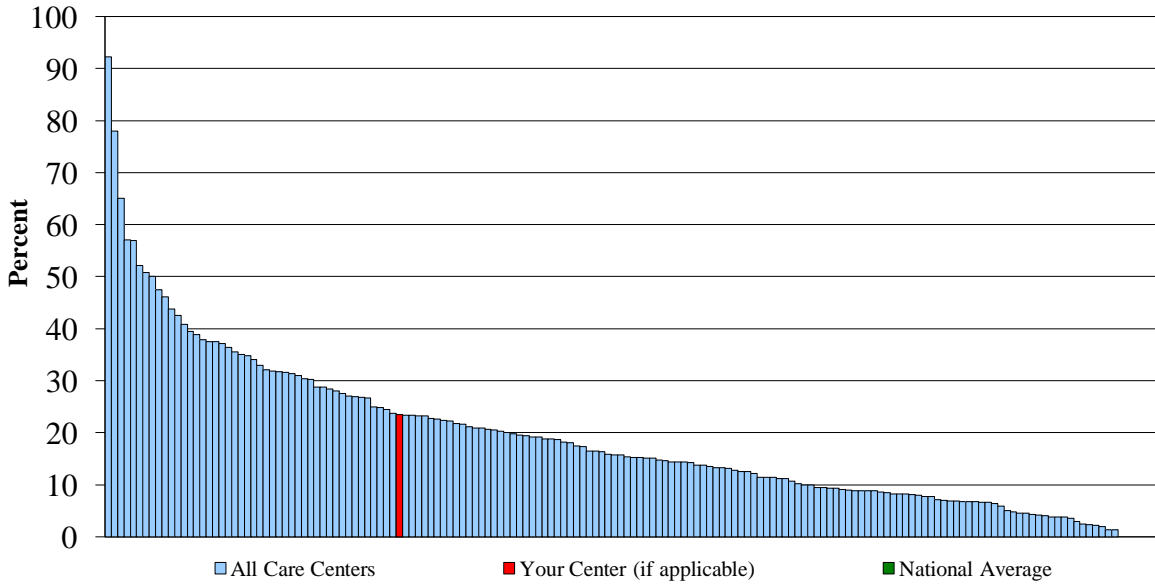


Inhaled Beta Agonist Use in CF Patients \geq 6 Years, 2003 - 2007

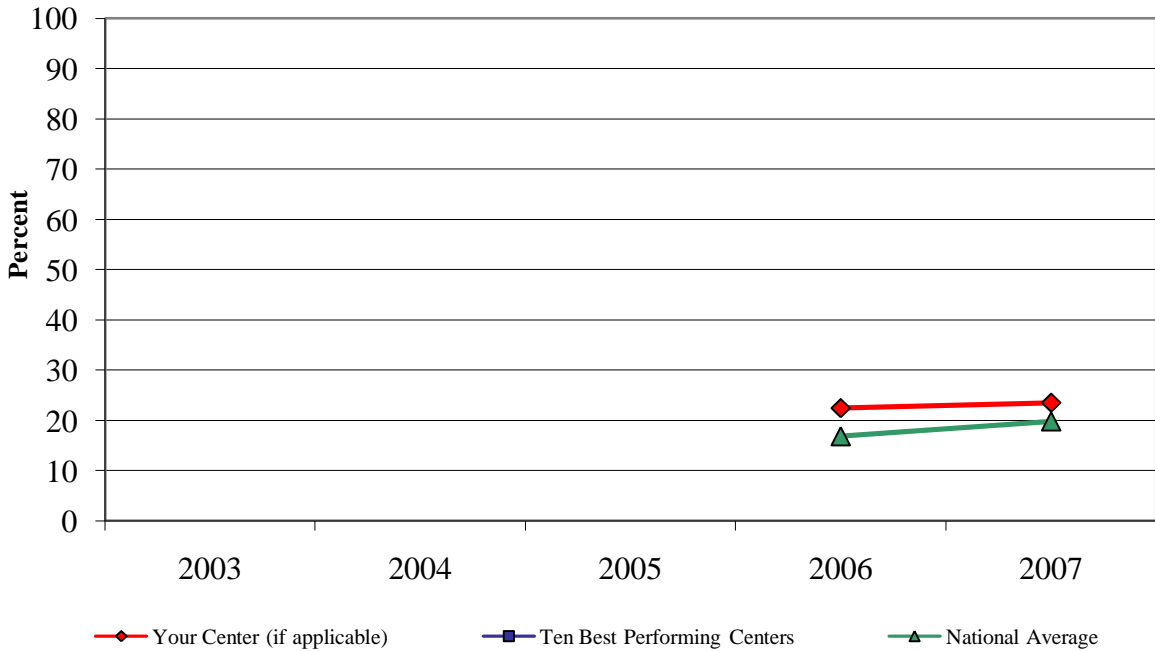


Leukotriene Modifier Use in CF Patients \geq 6 Years, 2007
The national average = 19.8

Children's Hospital Boston (Boston, MA) = 23.5

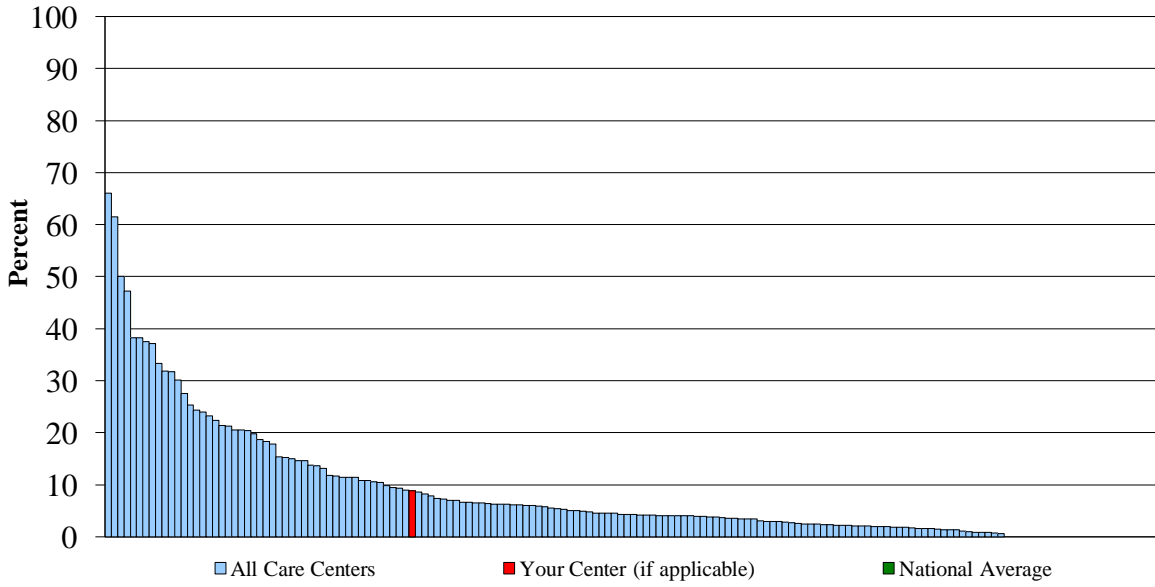


Leukotriene Modifier Use in CF Patients \geq 6 Years, 2003 - 2007

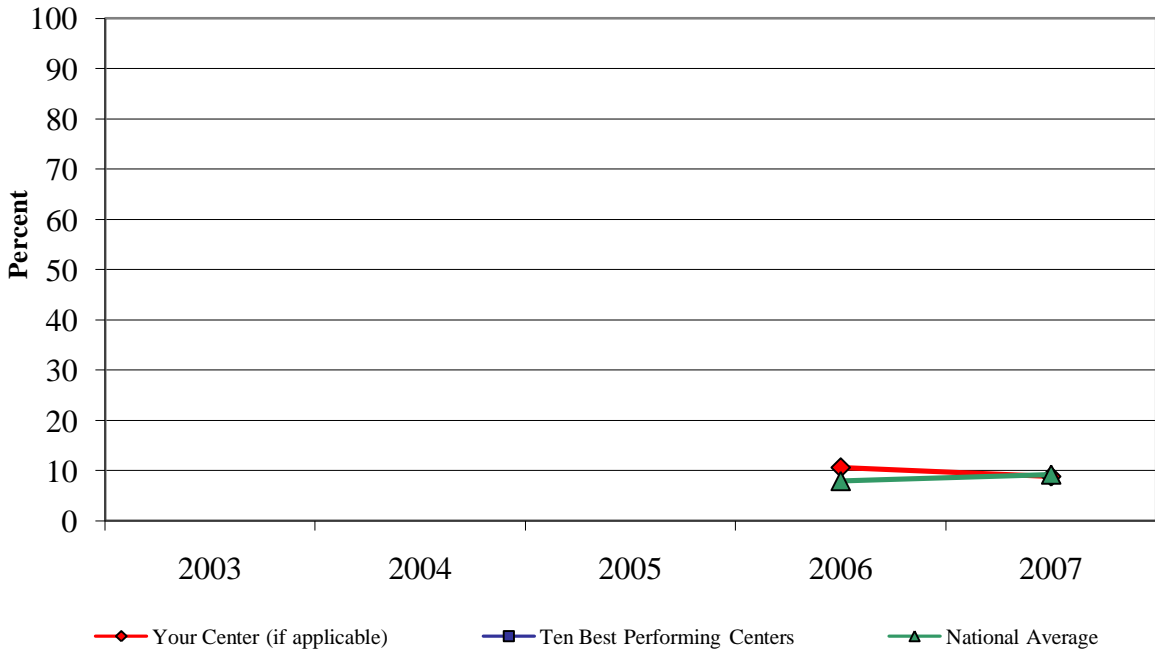


Inhaled Anticholinergic Use in CF Patients \geq 6 Years, 2007
The national average = 9.2

Children's Hospital Boston (Boston, MA) = 8.8

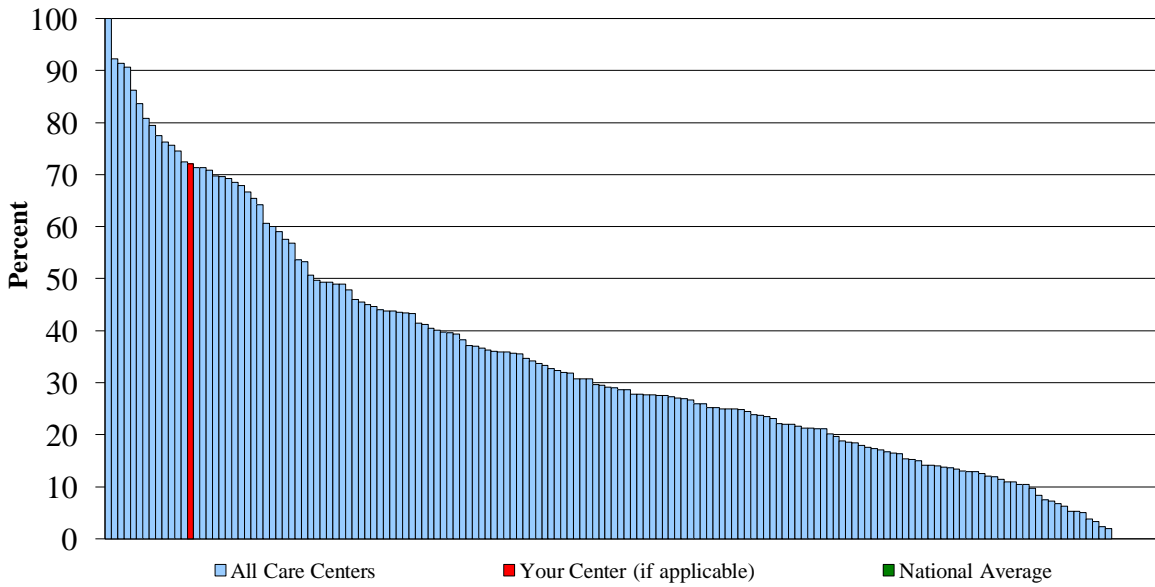


Inhaled Anticholinergic Use in CF Patients \geq 6 Years, 2003 - 2007

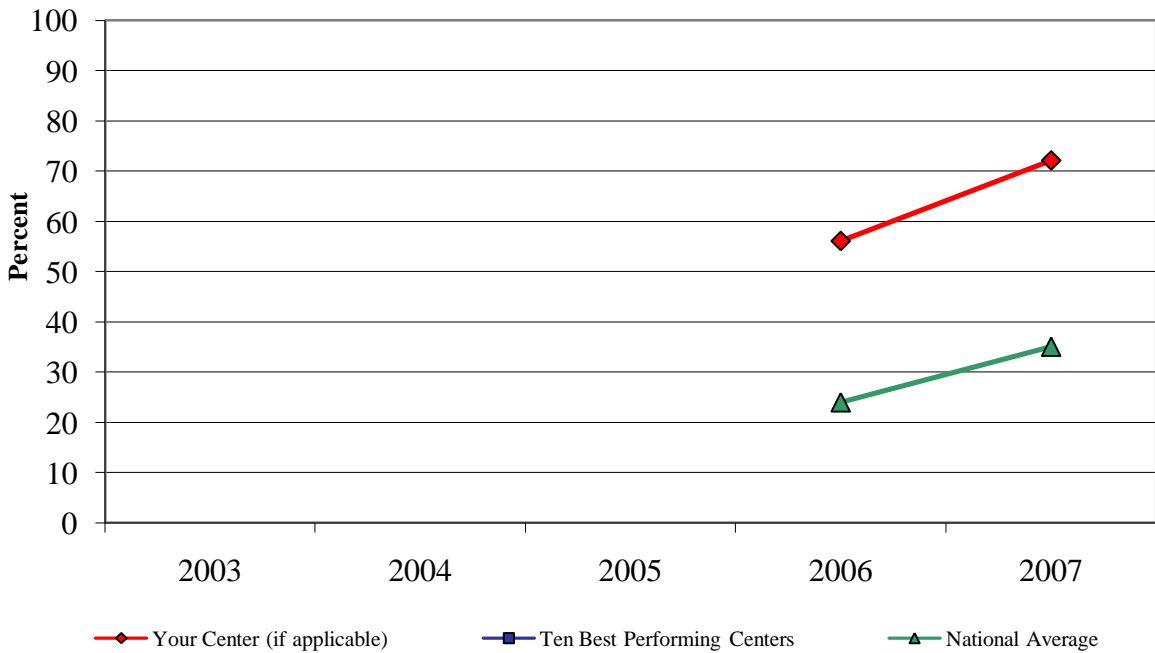


Hypertonic Saline Use in CF Patients \geq 6 Years, 2007
The national average = 35.1

Children's Hospital Boston (Boston, MA) = 72.1



Hypertonic Saline Use in CF Patients \geq 6 Years, 2003 - 2007



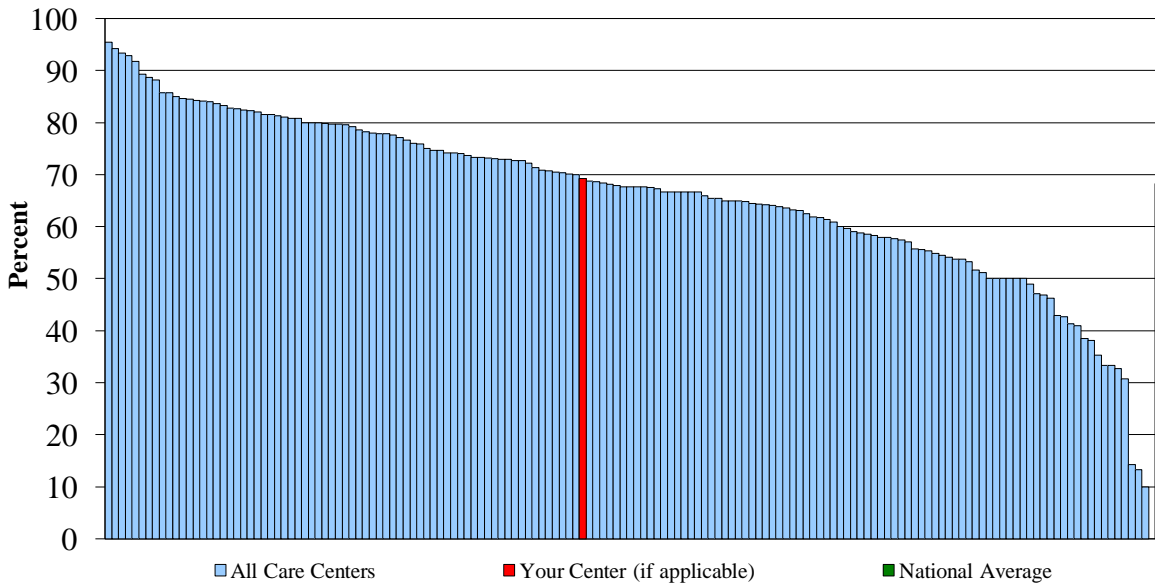
Children 6 to 17 Years Meeting Guidelines Recommendations, 2007

The national average = 68.2

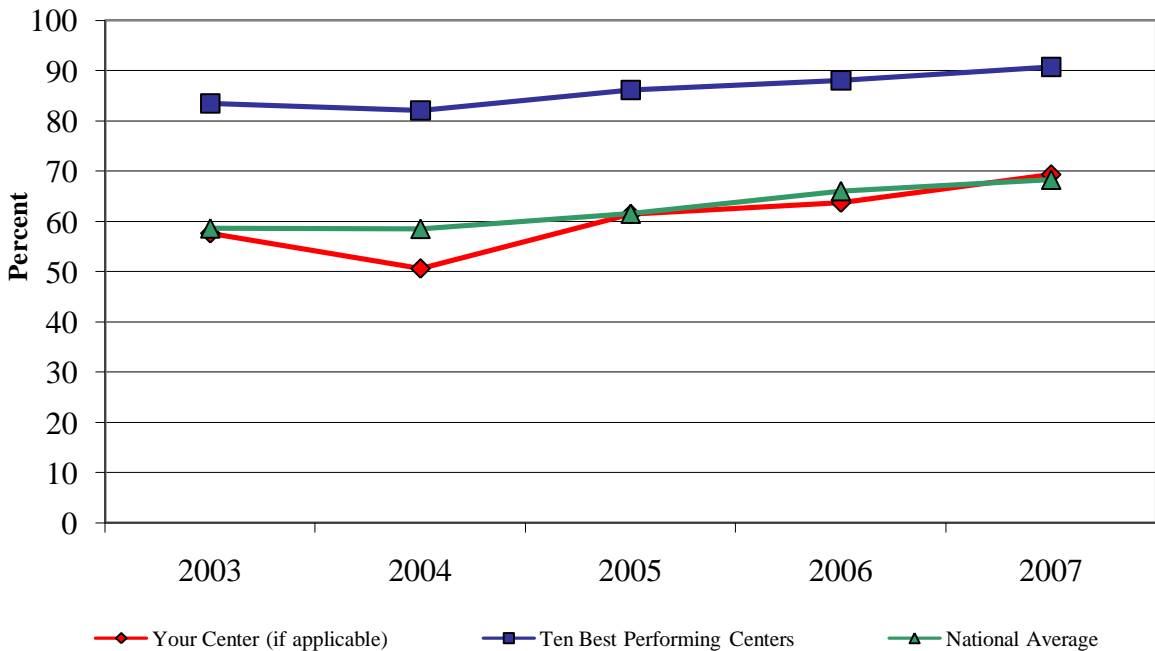
The ten best performing centers average = 90.7

Children's Hospital Boston (Boston, MA) = 69.3

(For this report a higher value is better)



Children 6 to 17 Years Meeting Guidelines Recommendations, 2003 - 2007



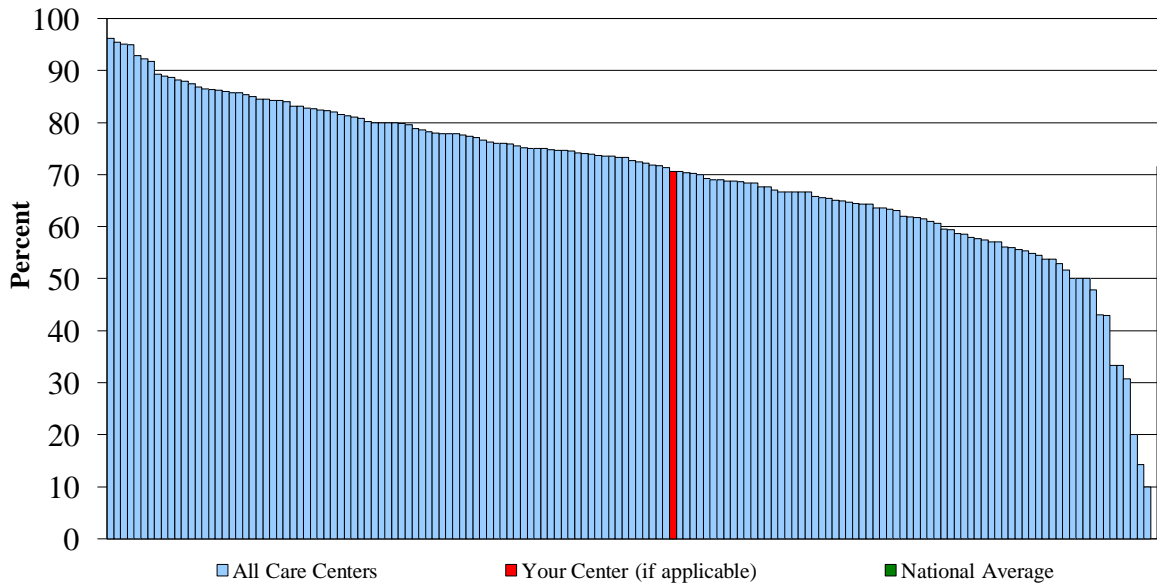
Children 6 to 17 Years Meeting Guidelines Recommendations for 4+ Clinic Visits, 2007

The national average = 71.5

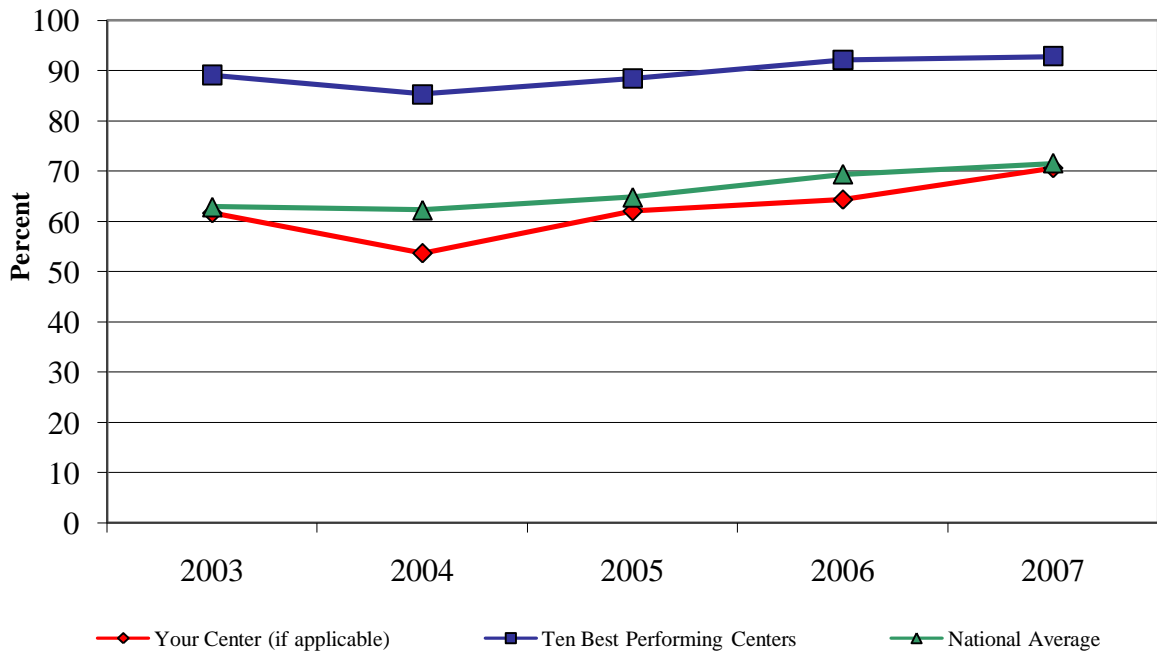
The ten best performing centers average = 92.8

Children's Hospital Boston (Boston, MA) = 70.6

(For this report a higher value is better)



Children 6 to 17 Years Meeting Guidelines Recommendations for 4+ Clinic Visits, 2003 - 2007



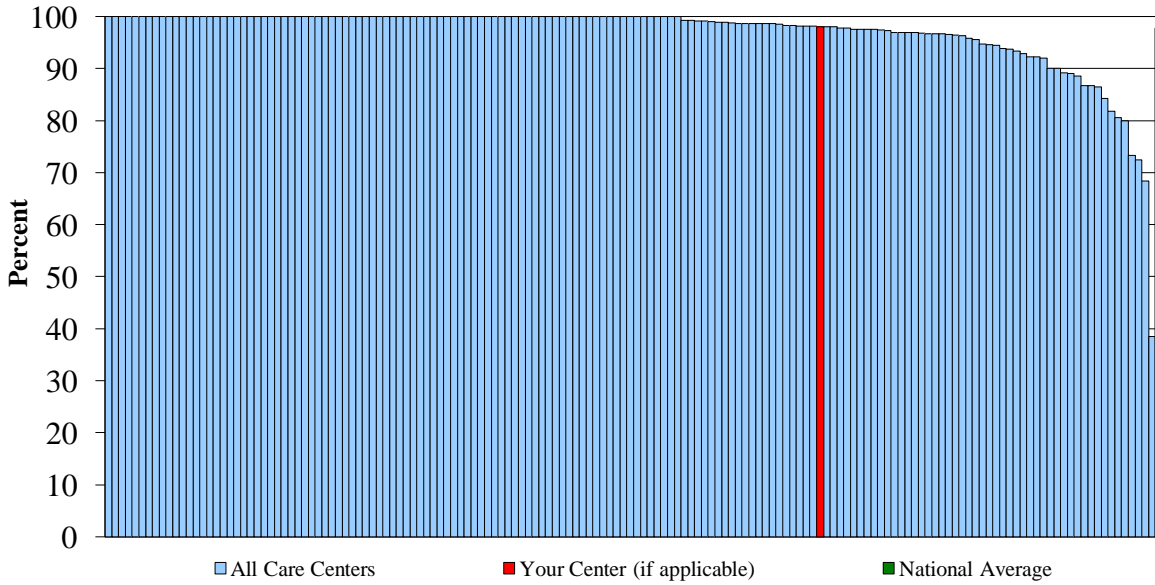
Children 6 to 17 Years Meeting Guidelines Recommendations for 1+ Cultures, 2007

The national average = 97.8

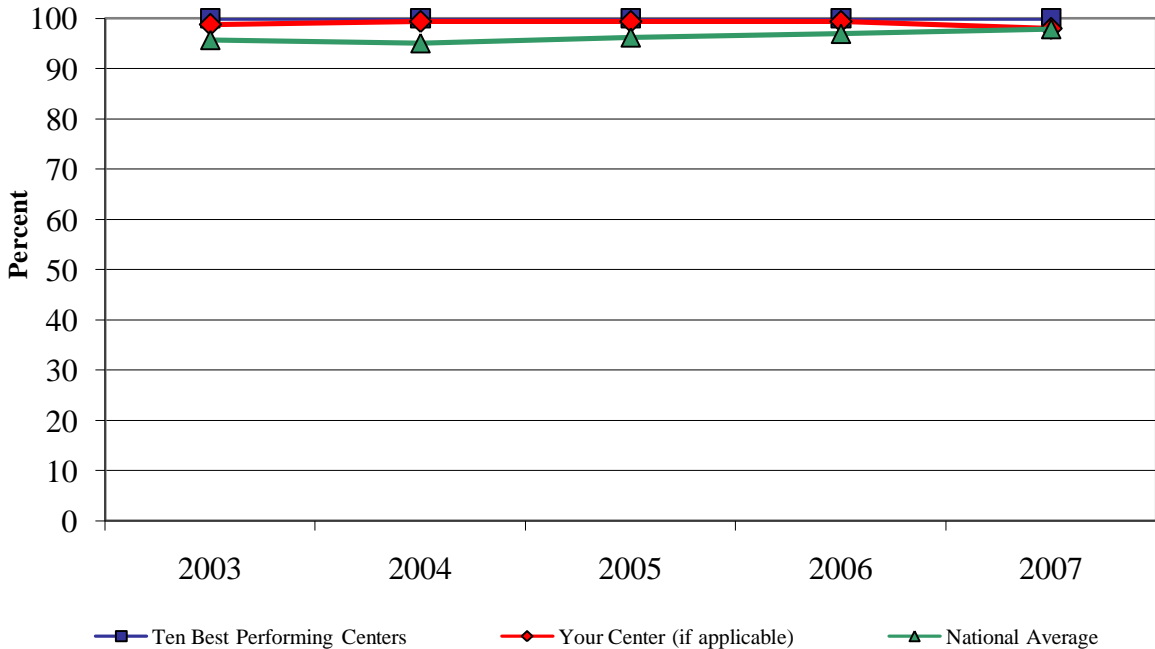
The ten best performing centers average = 100

Children's Hospital Boston (Boston, MA) = 98

(For this report a higher value is better)



Children 6 to 17 Years Meeting Guidelines Recommendations for 1+ Cultures, 2003 - 2007



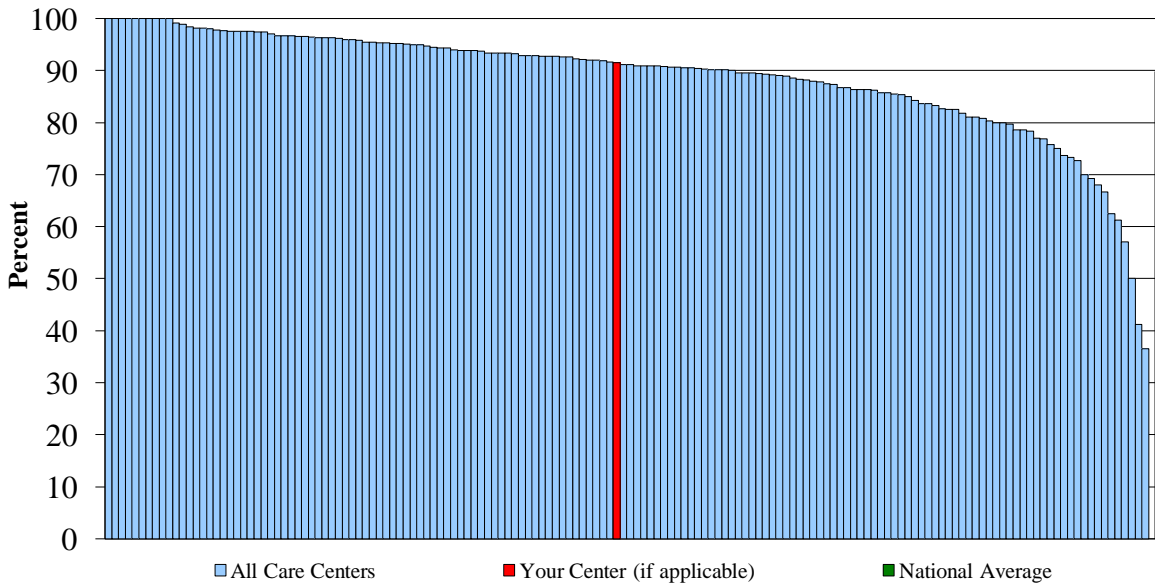
Children 6 to 17 Years Meeting Guidelines Recommendations for 2+ PFTs, 2007

The national average = 89.8

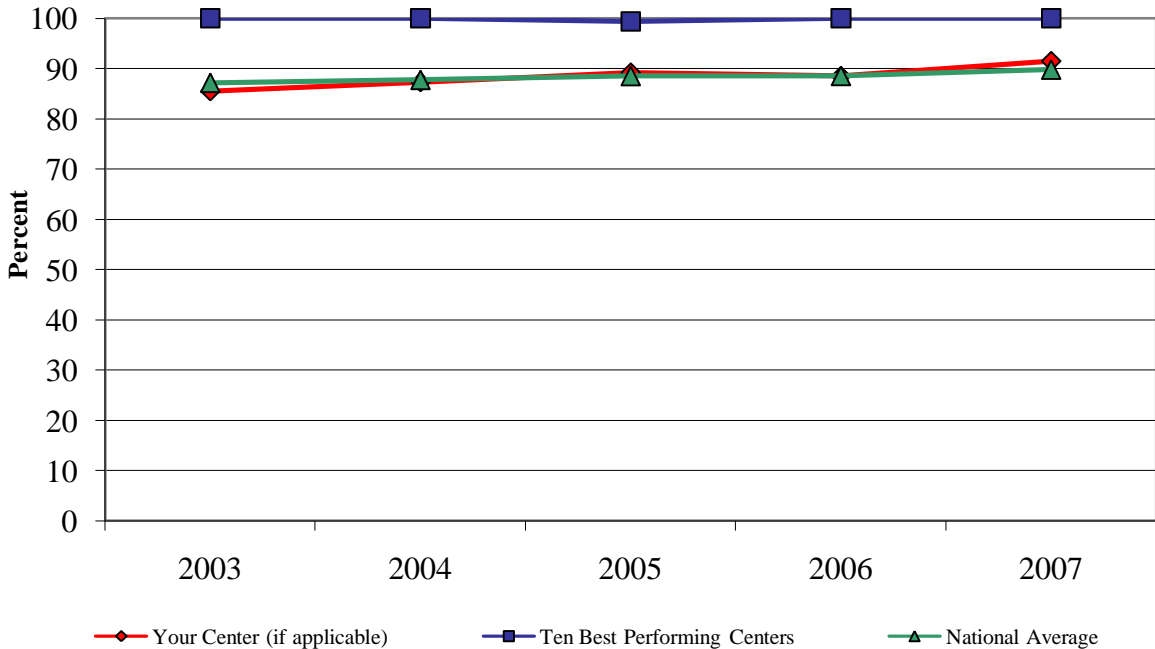
The ten best performing centers average = 100

Children's Hospital Boston (Boston, MA) = 91.5

(For this report a higher value is better)



Children 6 to 17 Years Meeting Guidelines Recommendations for 2+ PFTs, 2003 - 2007



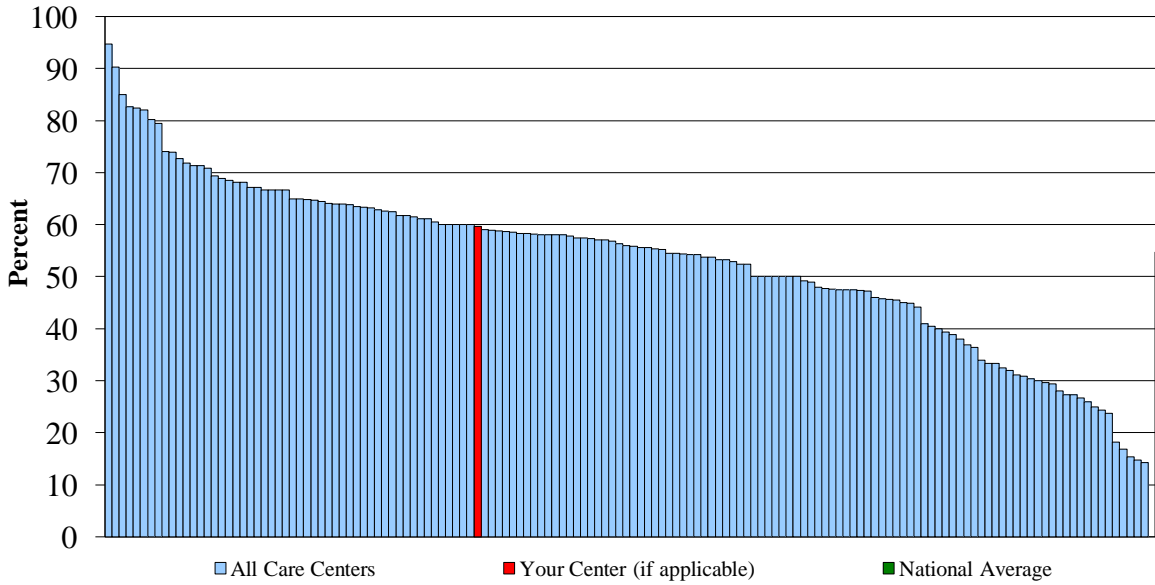
Adults \geq 18 Years Meeting Guidelines Recommendations, 2007

The national average = 54.7

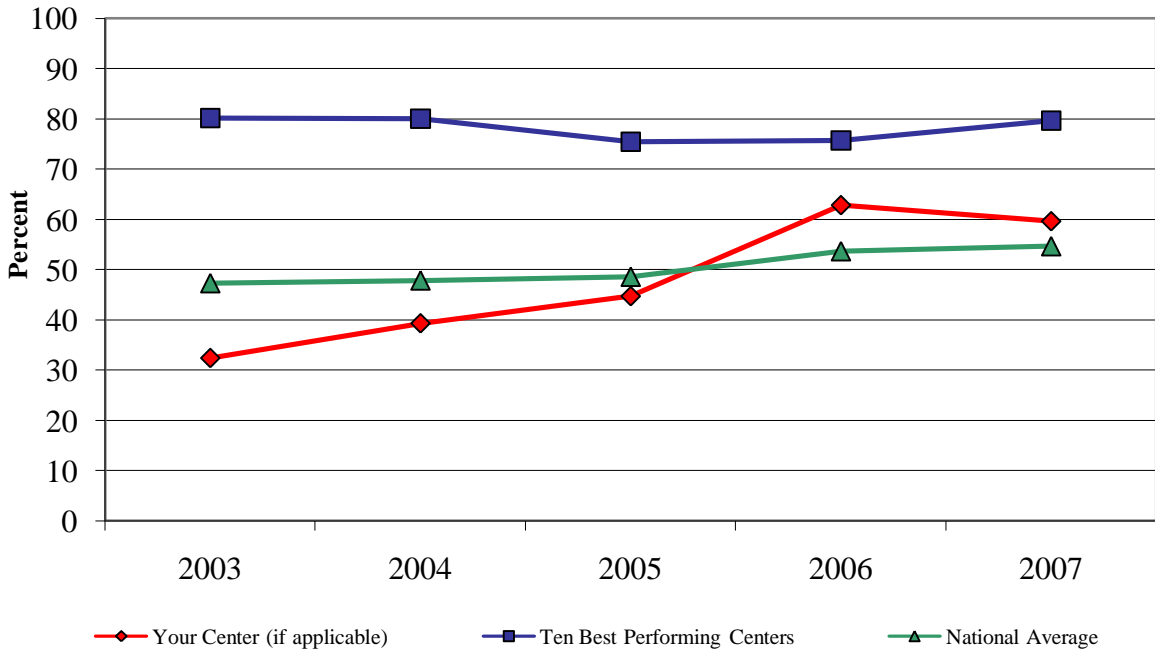
The ten best performing centers average = 79.6

Children's Hospital Boston (Boston, MA) = 59.6

(For this report a higher value is better)



Adults \geq 18 Years Meeting Guidelines Recommendations, 2003 - 2007



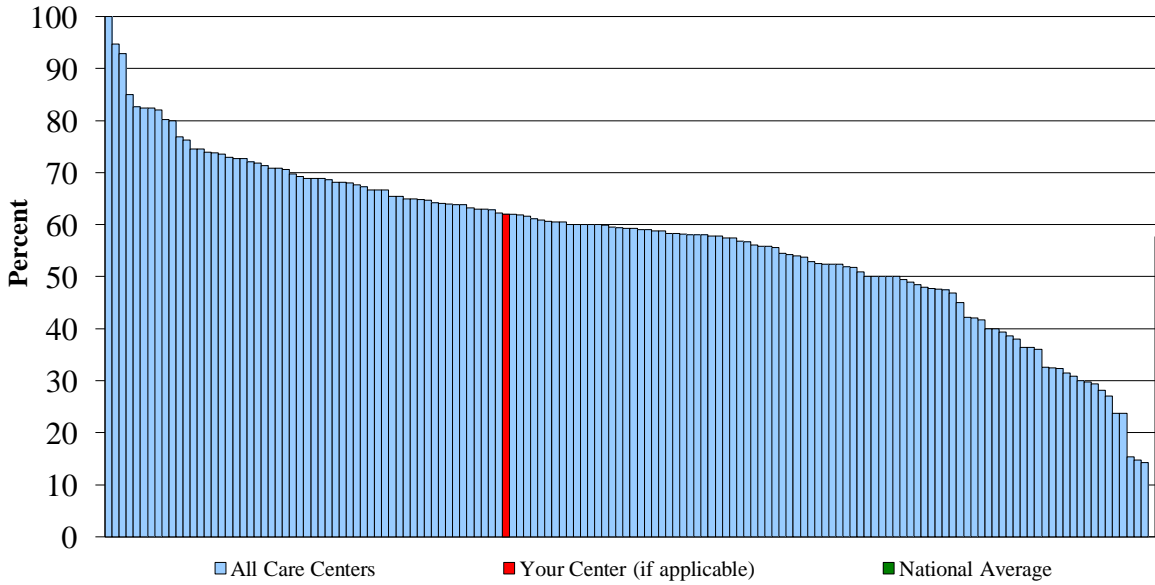
Adults \geq 18 Years Meeting Guidelines Recommendations for 4+ Clinic Visits, 2007

The national average = 57.7

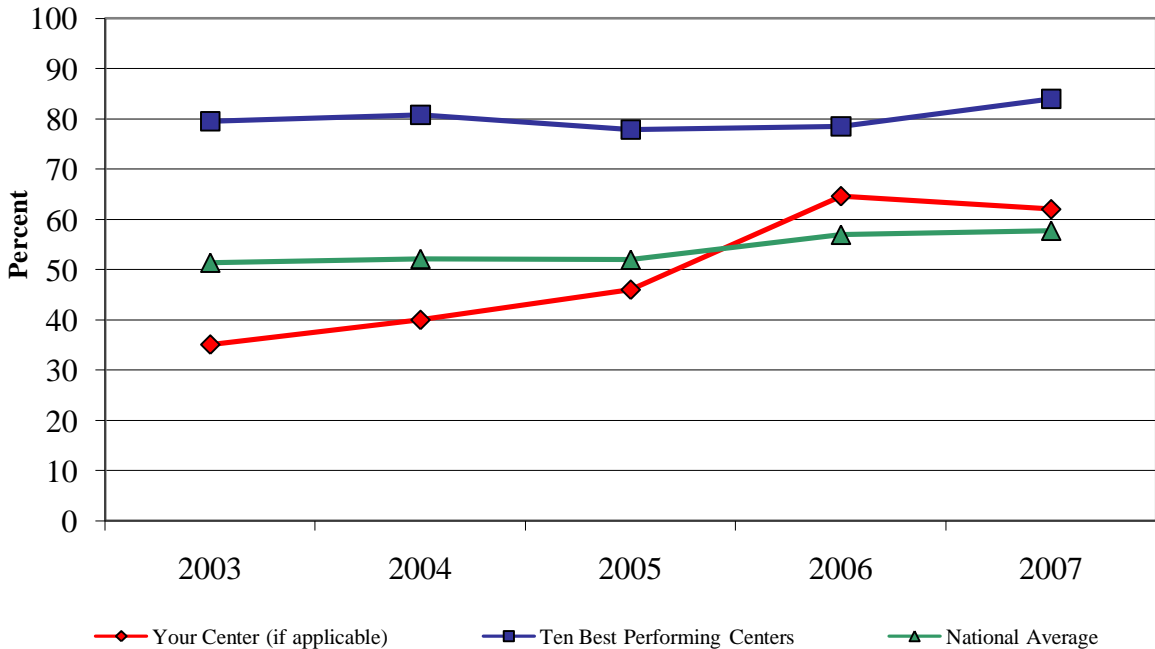
The ten best performing centers average = 84

Children's Hospital Boston (Boston, MA) = 62

(For this report a higher value is better)



Adults \geq 18 Years Meeting Guidelines Recommendations for 4+ Clinic Visits, 2003 - 2007



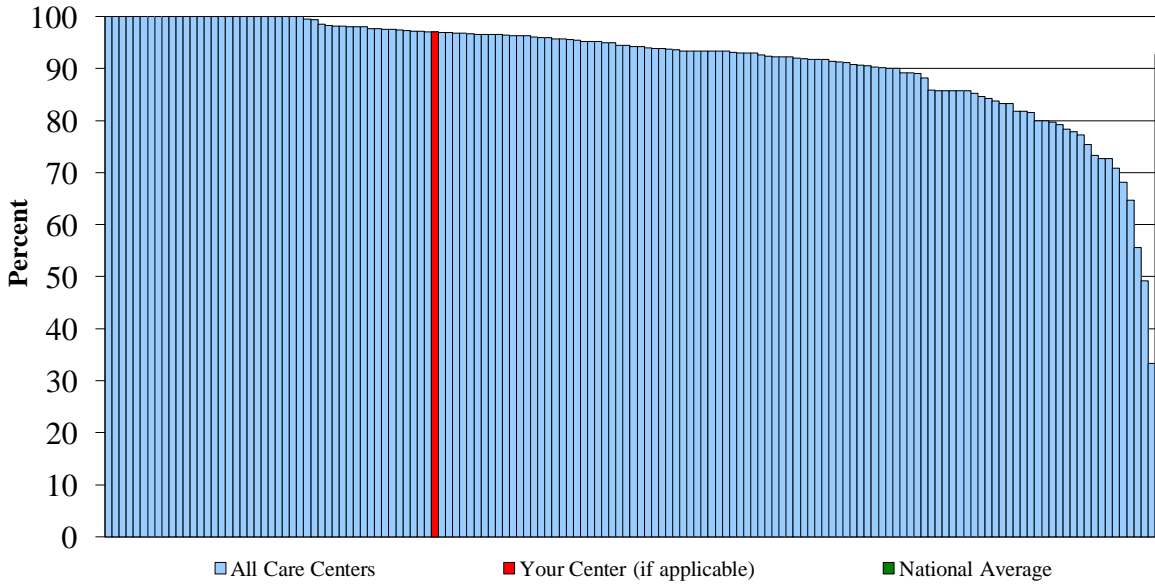
Adults \geq 18 Years Meeting Guidelines Recommendations for 1+ Cultures, 2007

The national average = 92.7

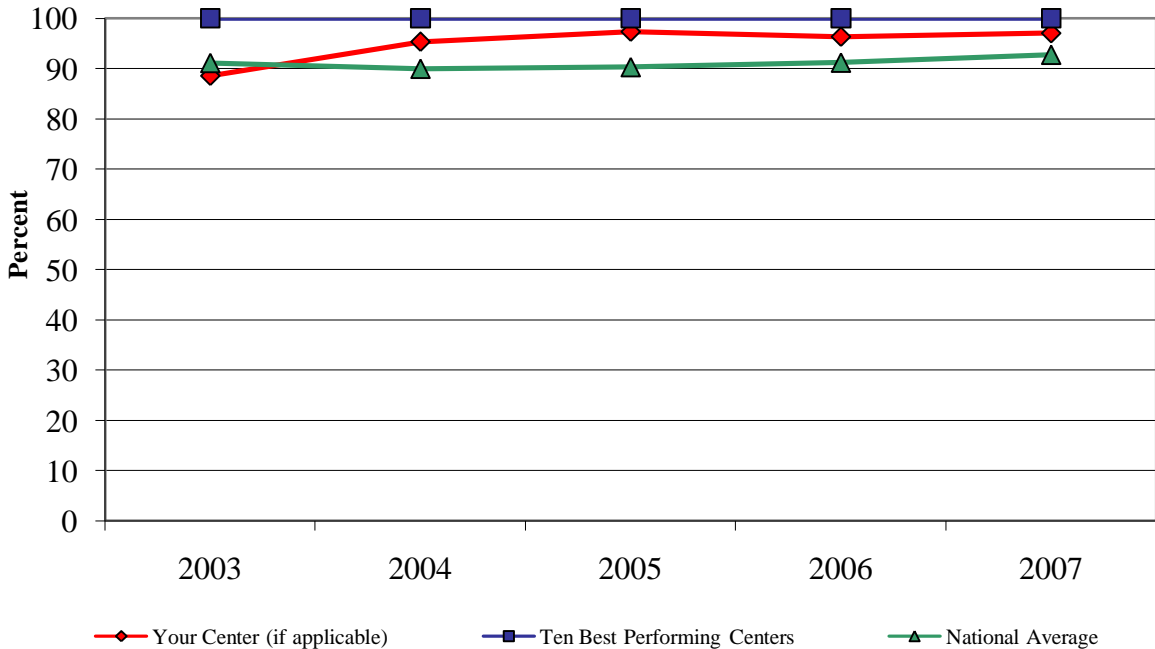
The ten best performing centers average = 100

Children's Hospital Boston (Boston, MA) = 97

(For this report a higher value is better)



Adults \geq 18 Years Meeting Guidelines Recommendations for 1+ Cultures, 2003 - 2007



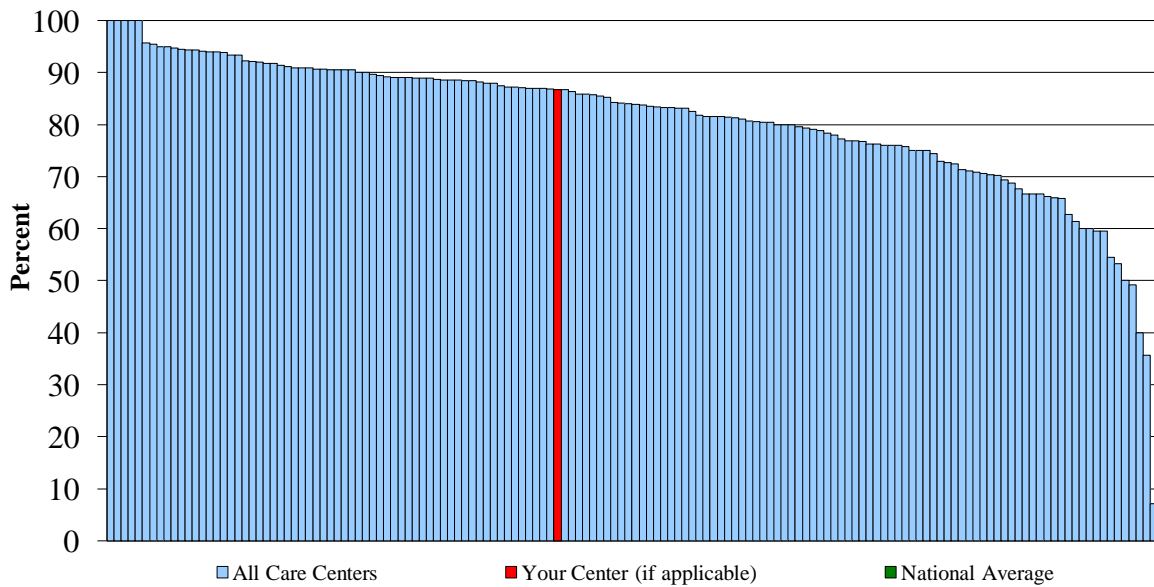
Adults \geq 18 Years Meeting Guidelines Recommendations for 2+ PFTs, 2007

The national average = 82.5

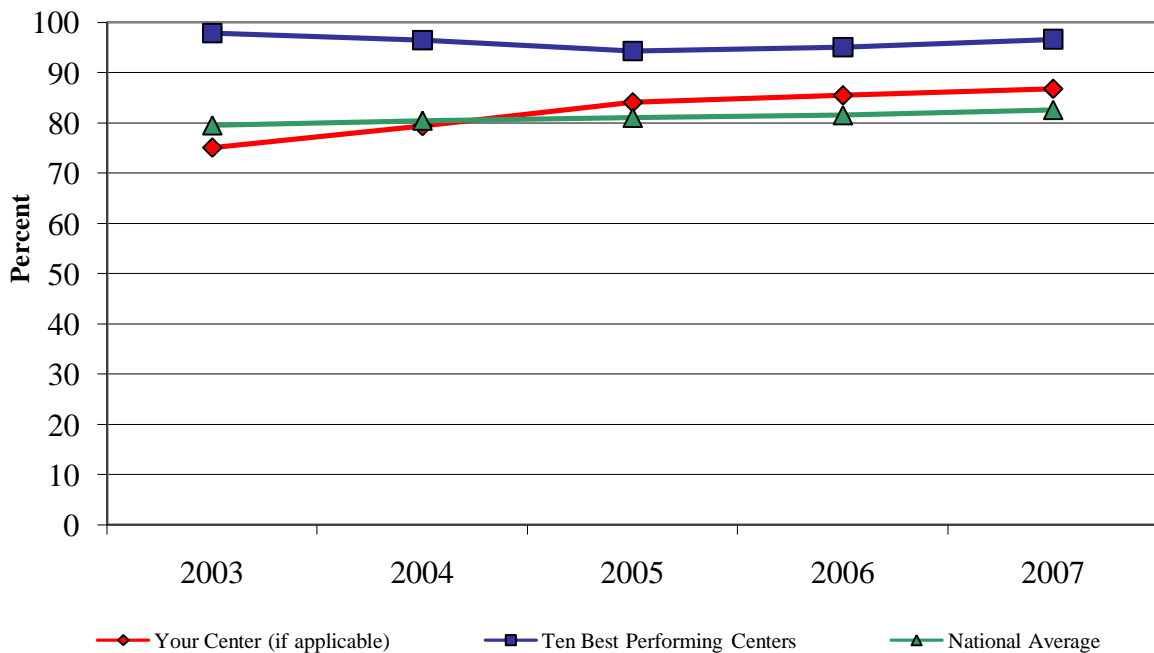
The ten best performing centers average = 96.6

Children's Hospital Boston (Boston, MA) = 86.7

(For this report a higher value is better)



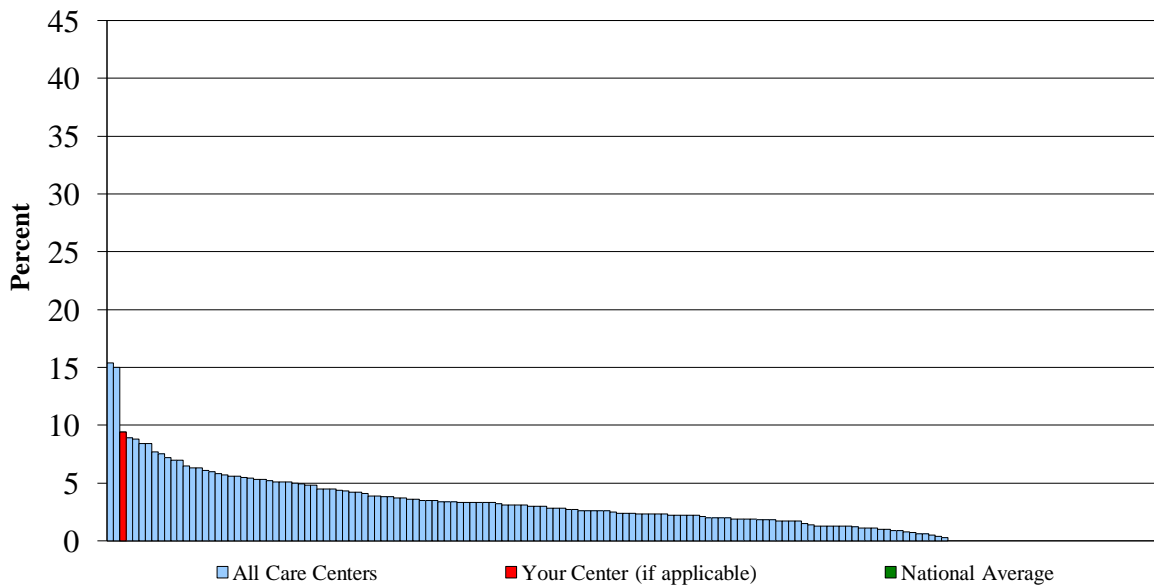
Adults \geq 18 Years Meeting Guidelines Recommendations for 2+ PFTs, 2003 - 2007



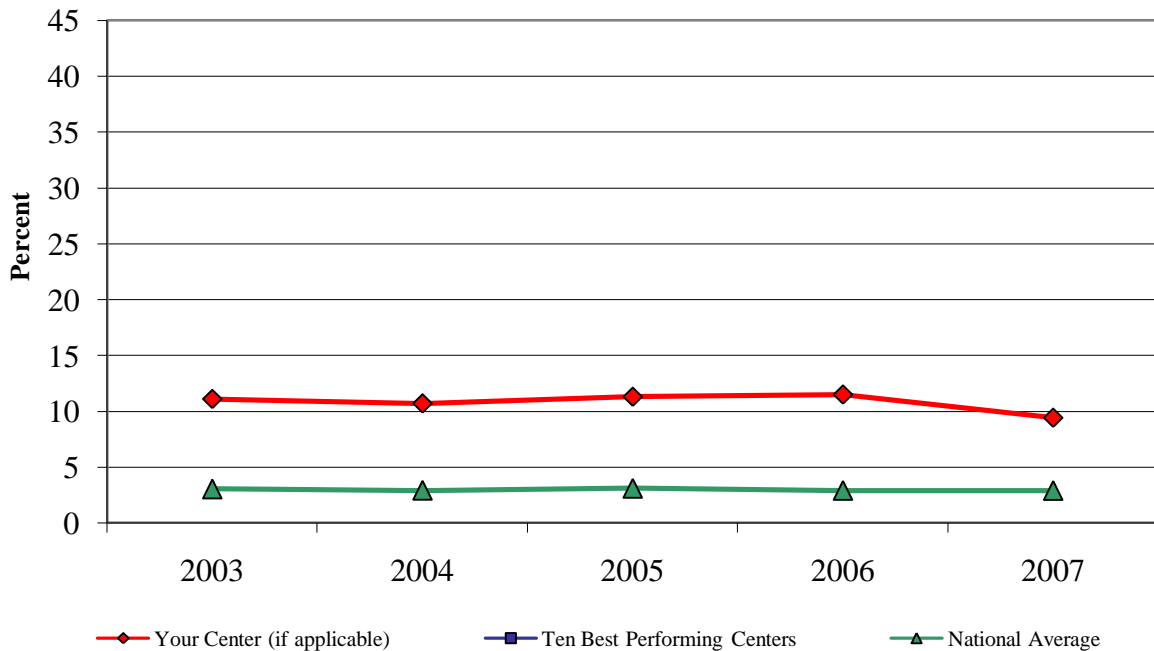
***B. cepacia* Complex Infection Rate, 2007**

The national average = 2.9

Children's Hospital Boston (Boston, MA) = 9.4

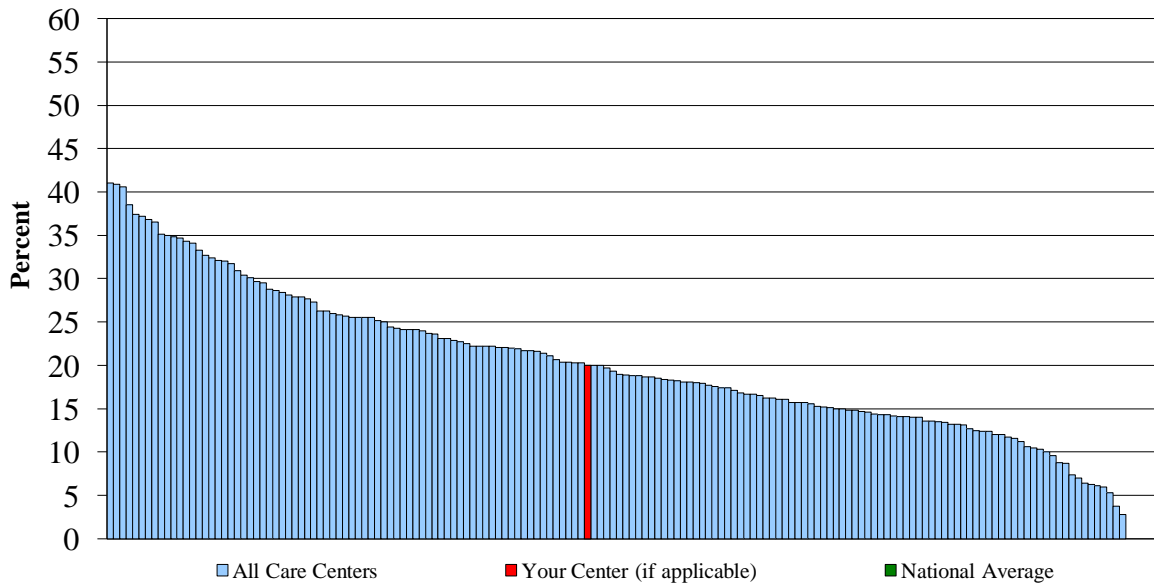


***B. cepacia* Complex Infection Rate, 2003 - 2007**

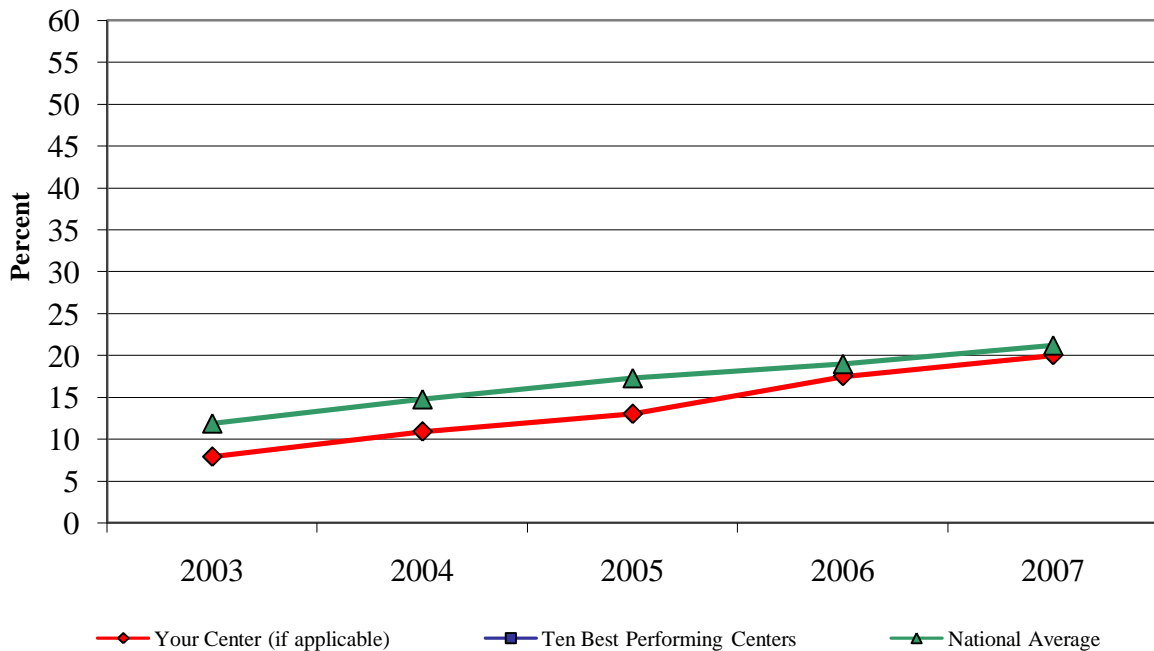


Methicillin-Resistant *S. aureus* Infection Rate, 2007
The national average = 21.2

Children's Hospital Boston (Boston, MA) = 20

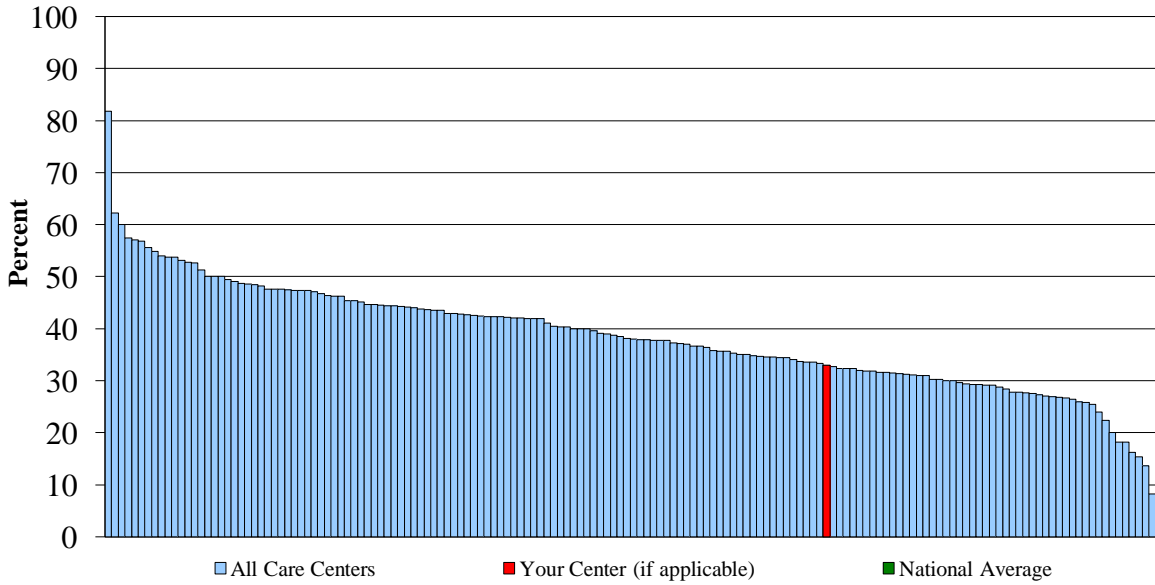


Methicillin-Resistant *S. aureus* Infection Rate, 2003 - 2007

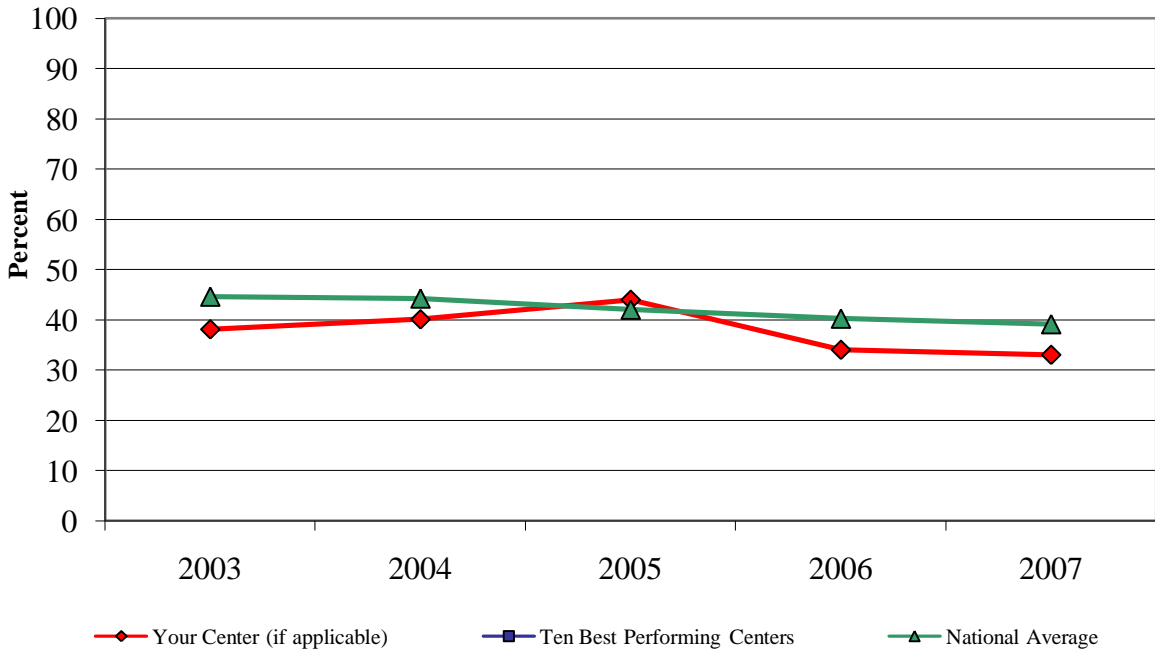


***P. aeruginosa* Infection Rate in CF Patients < 18 Years, 2007**
The national average = 39.1

Children's Hospital Boston (Boston, MA) = 33

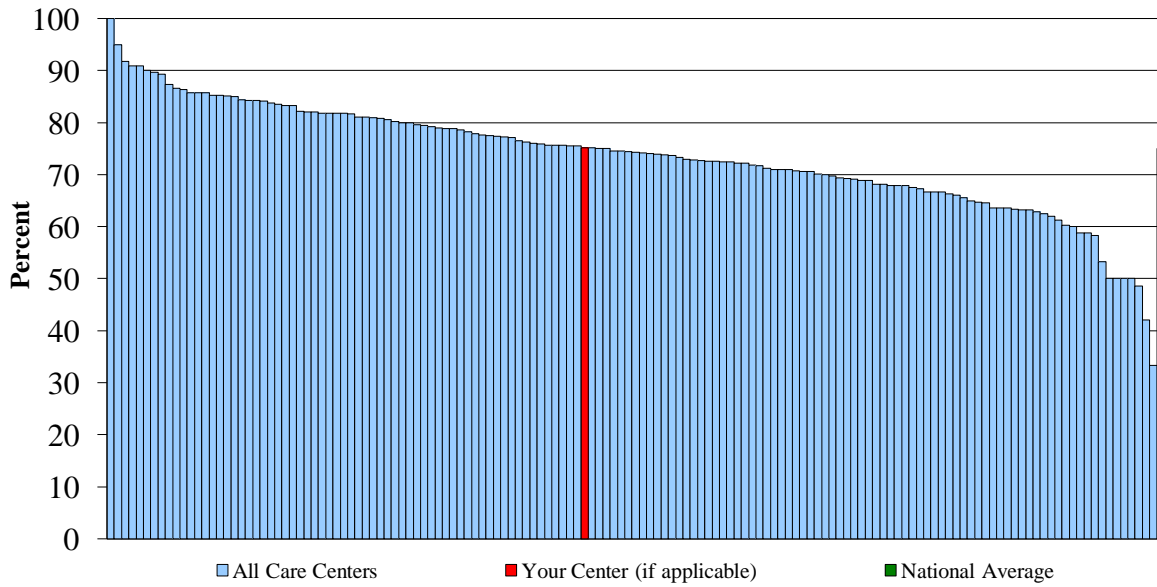


***P. aeruginosa* Infection Rate in CF Patients < 18 Years, 2003 - 2007**

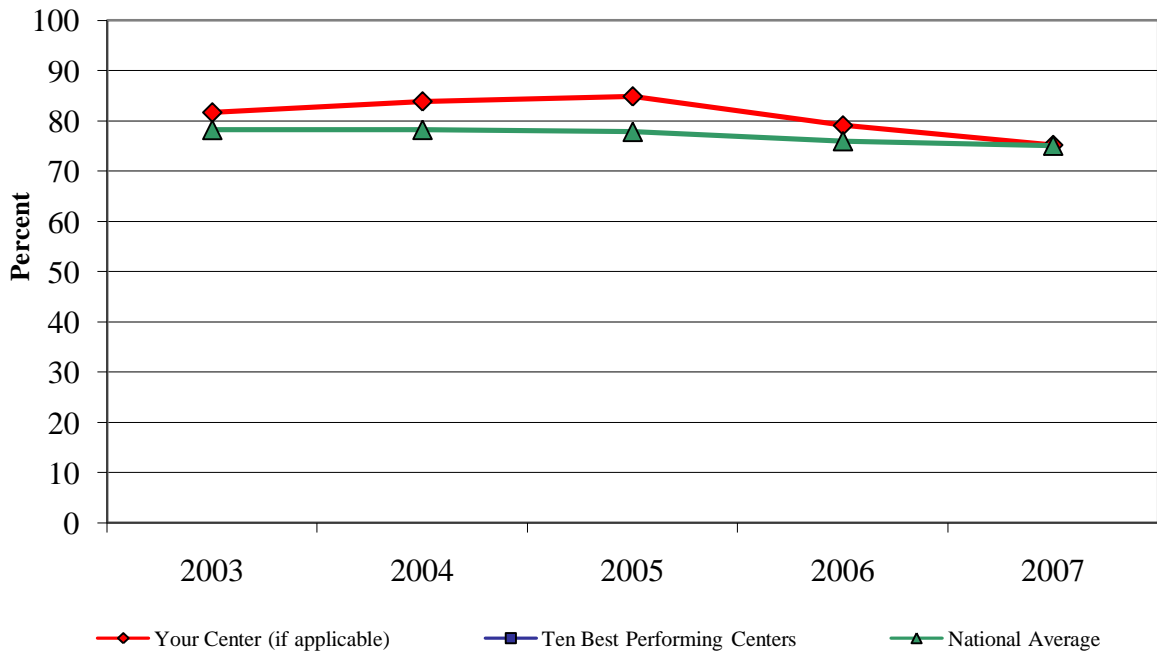


***P. aeruginosa* Infection Rate in CF Patients \geq 18 Years, 2007**
The national average = 75.1

Children's Hospital Boston (Boston, MA) = 75.2

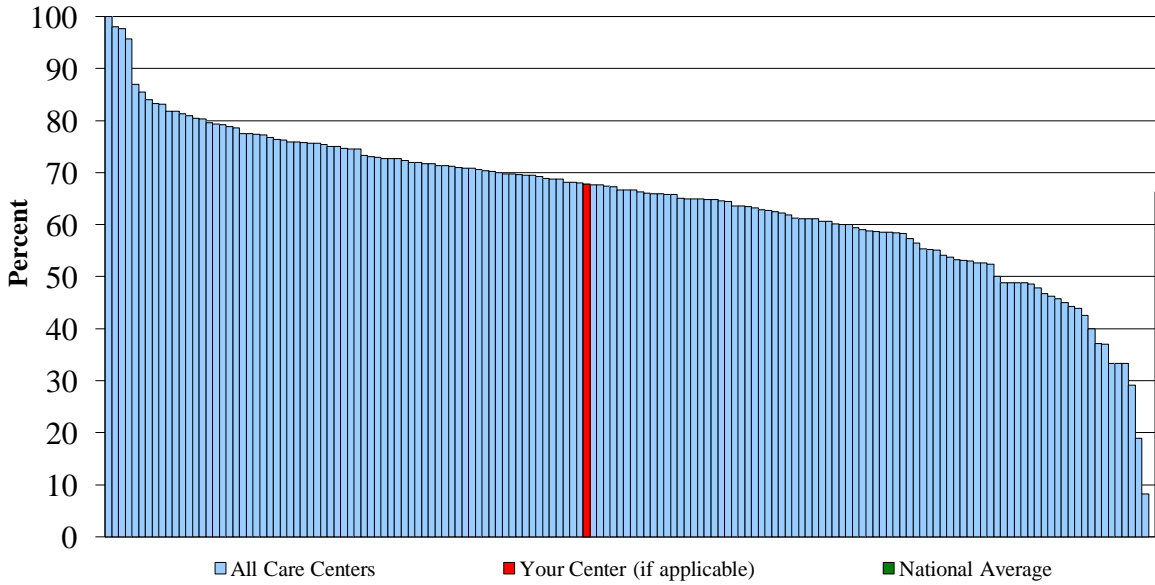


***P. aeruginosa* Infection Rate in CF Patients \geq 18 Years, 2003 - 2007**

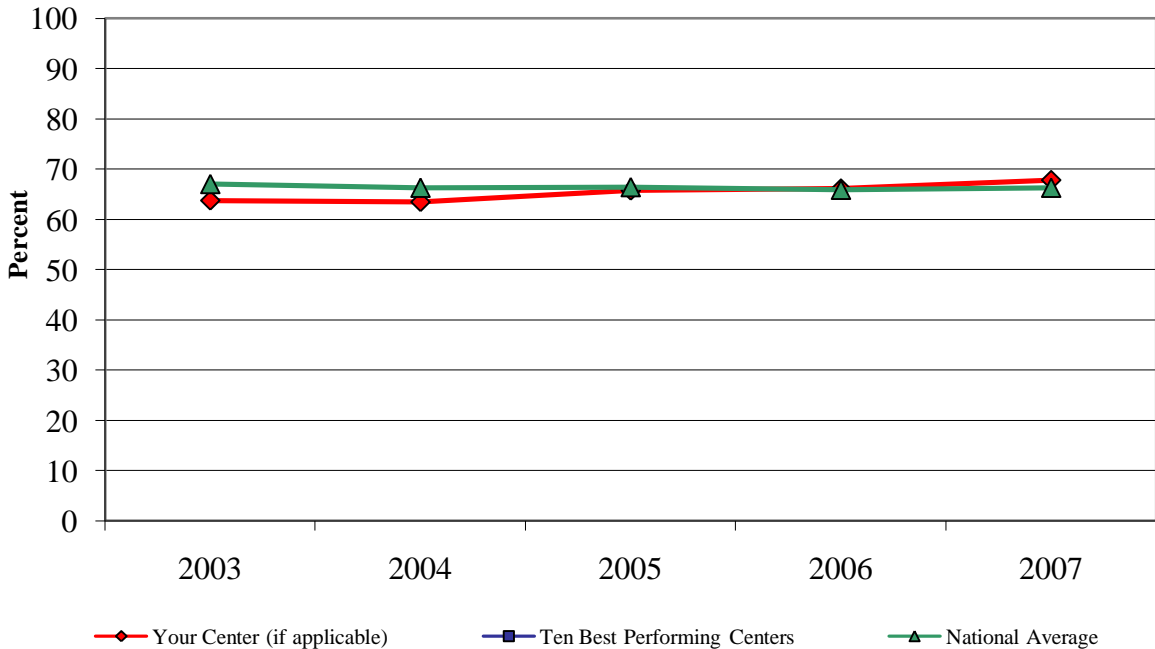


Percent of Patients with *P. aeruginosa* Who Were Reported as Mucoïd Phenotype, 2007
The national average = 66.3

Children's Hospital Boston (Boston, MA) = 67.8

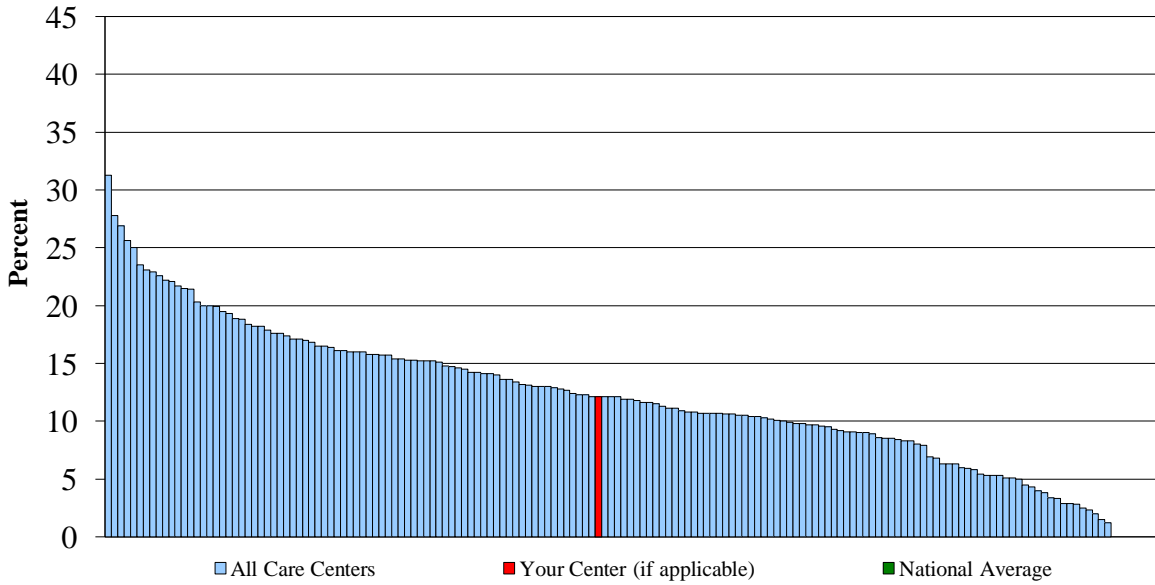


Percent of Patients with *P. aeruginosa* Who Were Reported as Mucoïd Phenotype, 2003 - 2007

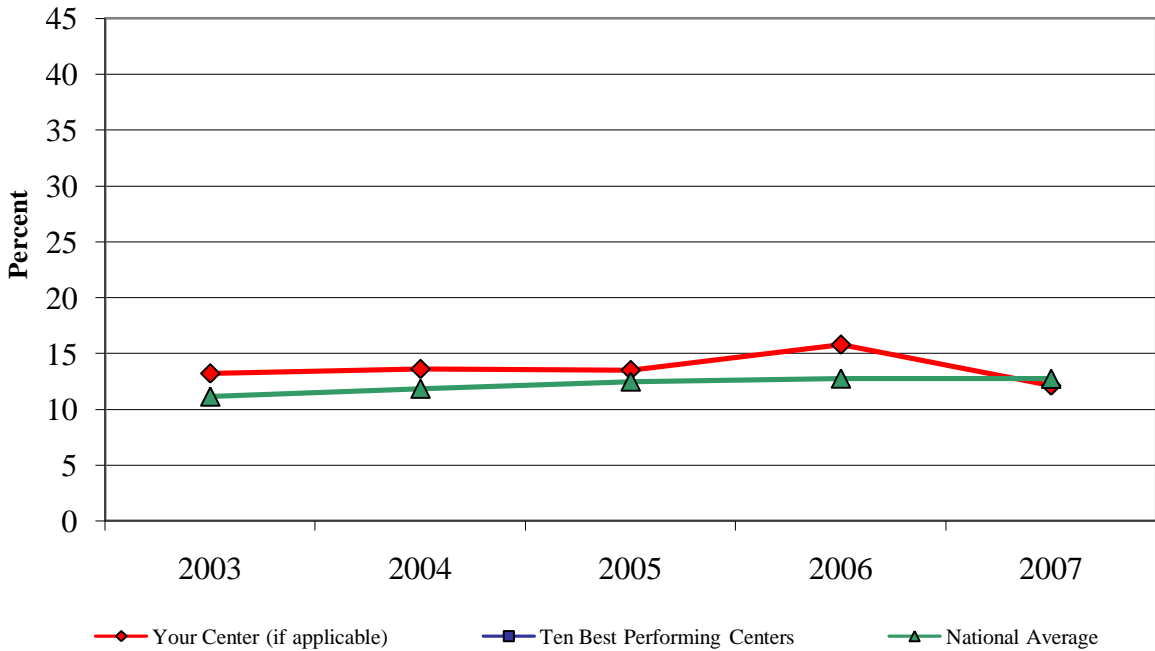


***S. maltophilia* Infection Rate, 2007**
The national average = 12.7

Children's Hospital Boston (Boston, MA) = 12.1

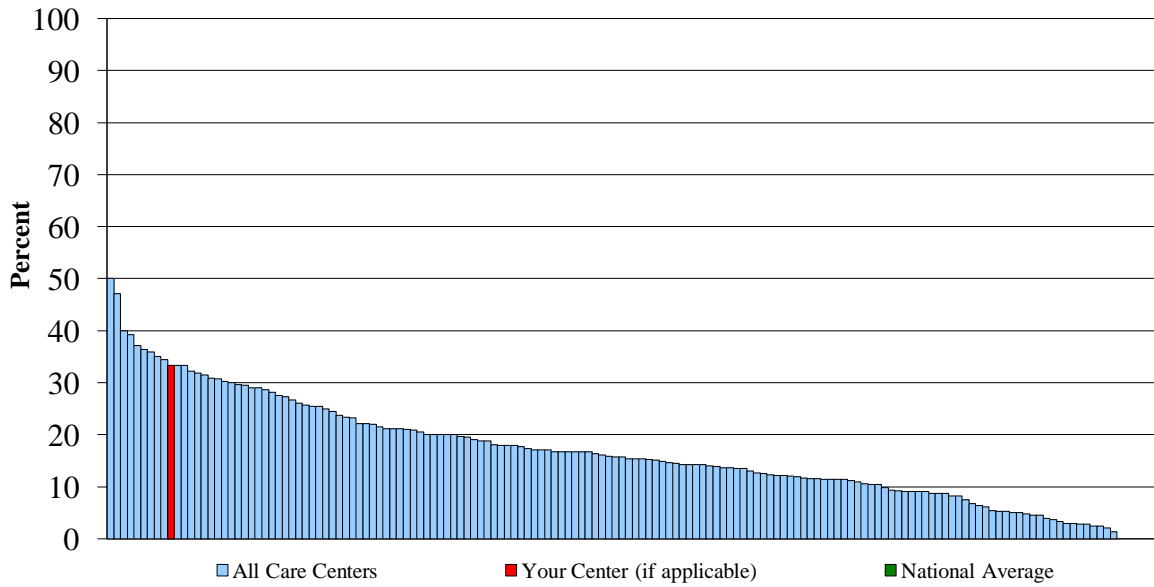


***S. maltophilia* Infection Rate, 2003 - 2007**

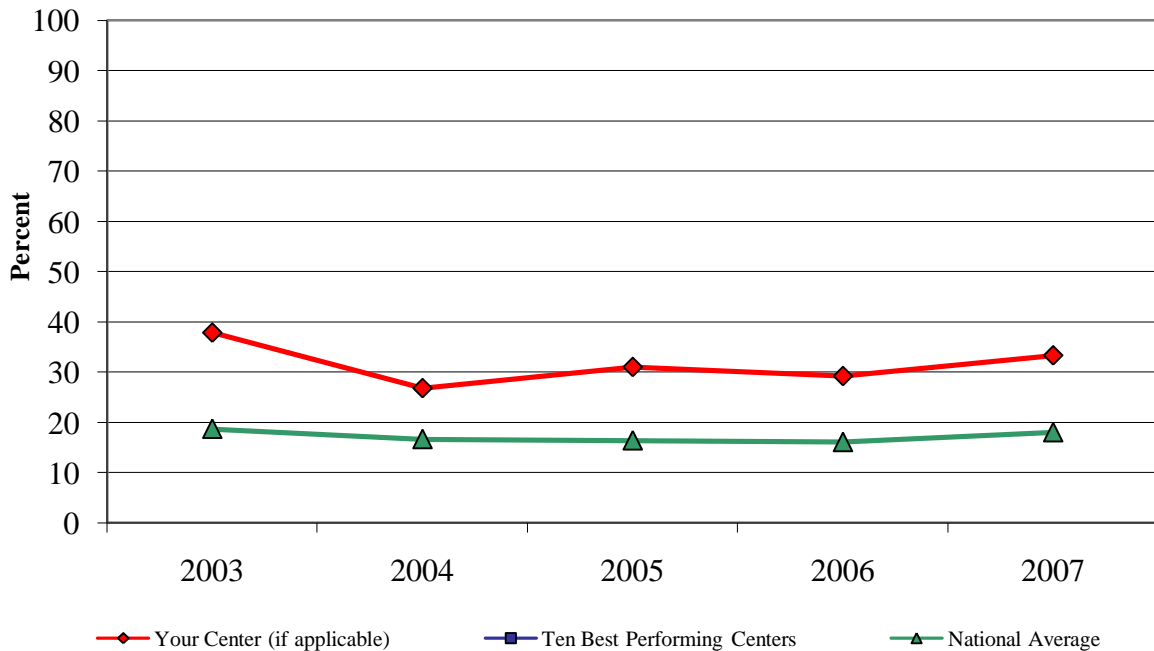


Multiply-Resistant *P. aeruginosa* Infection Rate, 2007
The national average = 18

Children's Hospital Boston (Boston, MA) = 33.3



Multiply-Resistant *P. aeruginosa* Infection Rate, 2003 - 2007



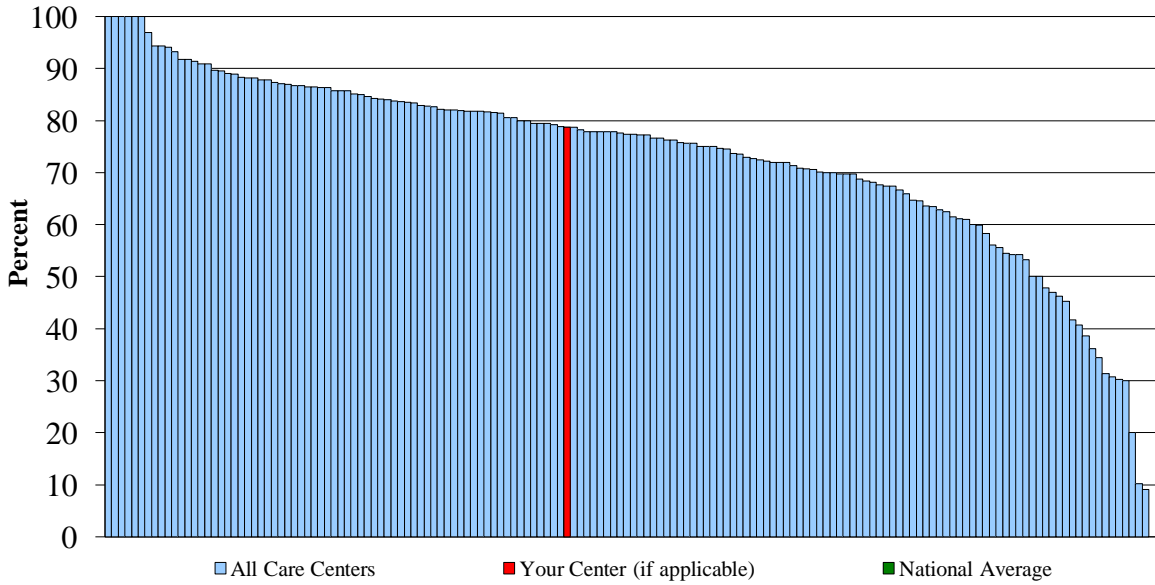
Glucose Screening in Non-Diabetic CF Patients \geq 14 Years, 2007

The national average = 75

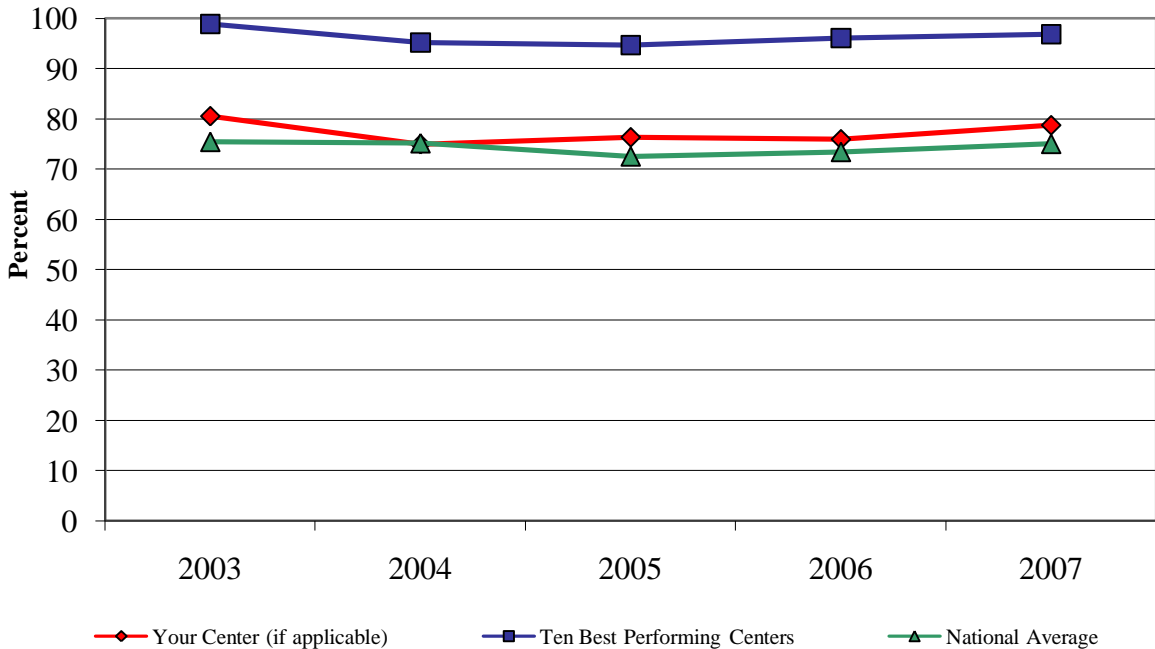
The ten best performing centers average = 96.8

Children's Hospital Boston (Boston, MA) = 78.7

(For this report a higher value is better)

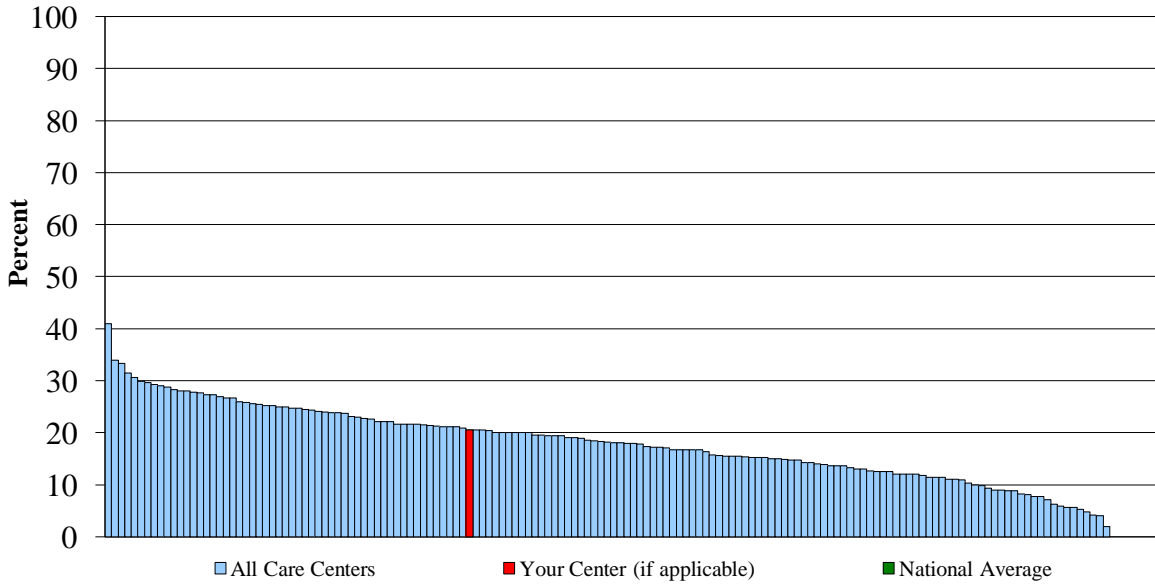


Glucose Screening in Non-Diabetic CF Patients \geq 14 Years, 2003 - 2007

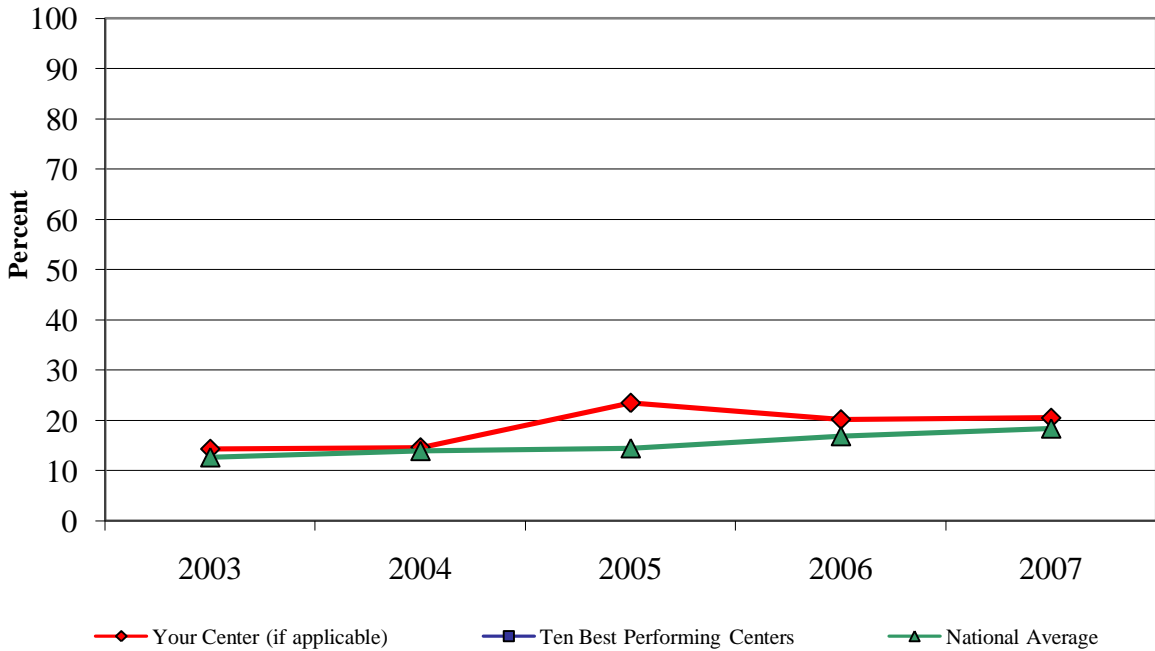


Chronic Insulin Dependent Diabetes in CF Patients \geq 14 Years, 2007
The national average = 18.4

Children's Hospital Boston (Boston, MA) = 20.5

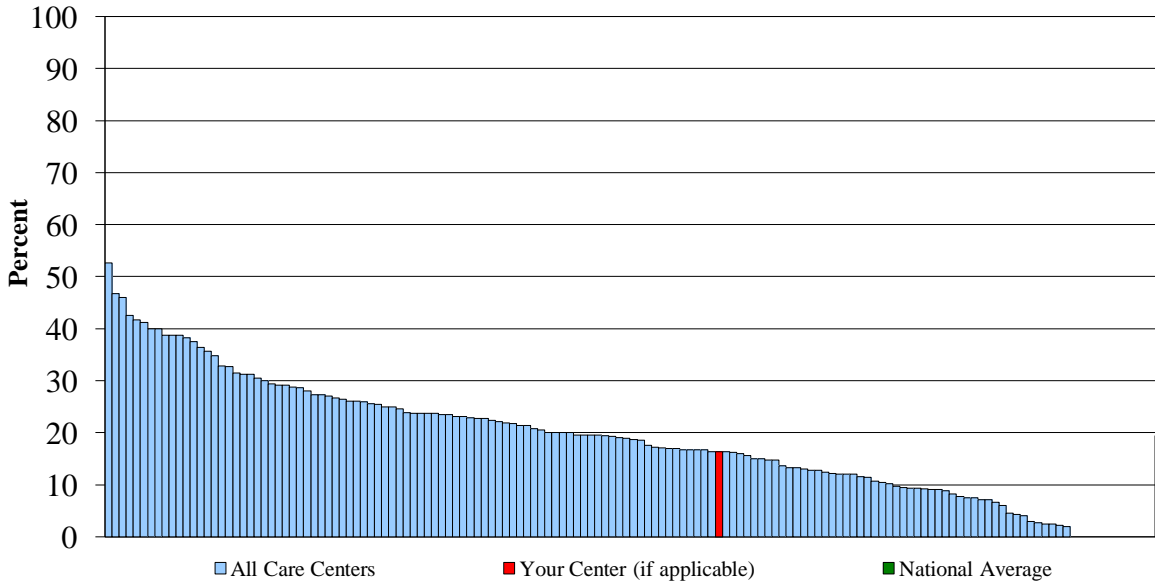


Chronic Insulin Dependent Diabetes in CF Patients \geq 14 Years, 2003 - 2007

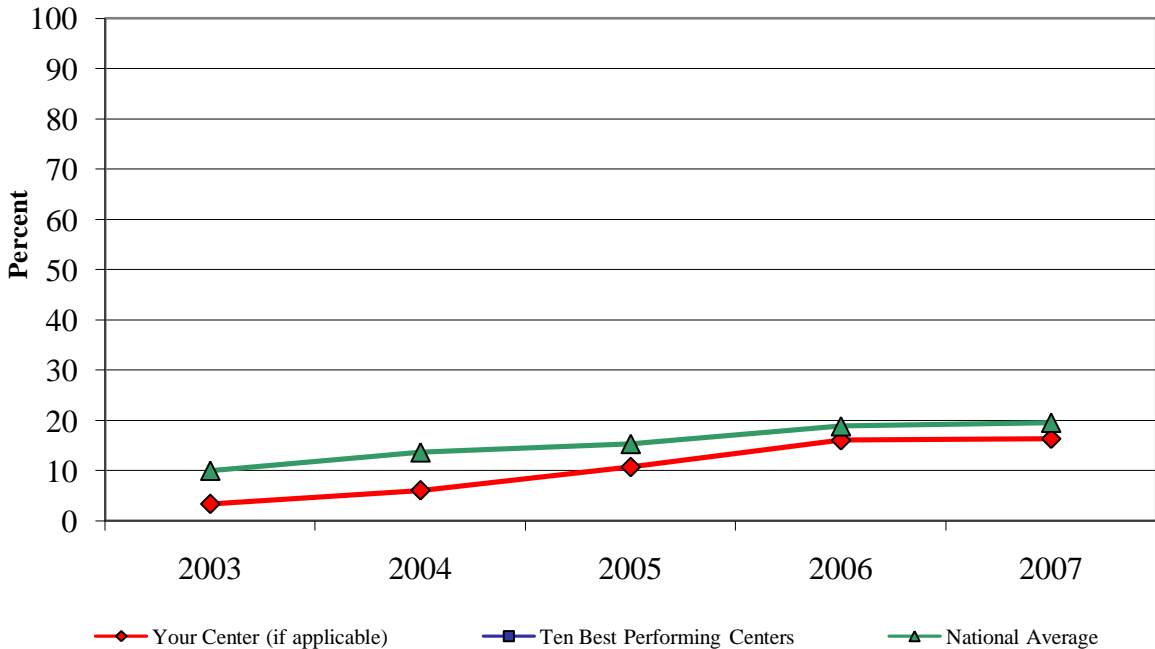


Depression in Adults \geq 18 Years, 2007
The national average = 19.5

Children's Hospital Boston (Boston, MA) = 16.3



Depression in Adults \geq 18 Years, 2003 - 2007



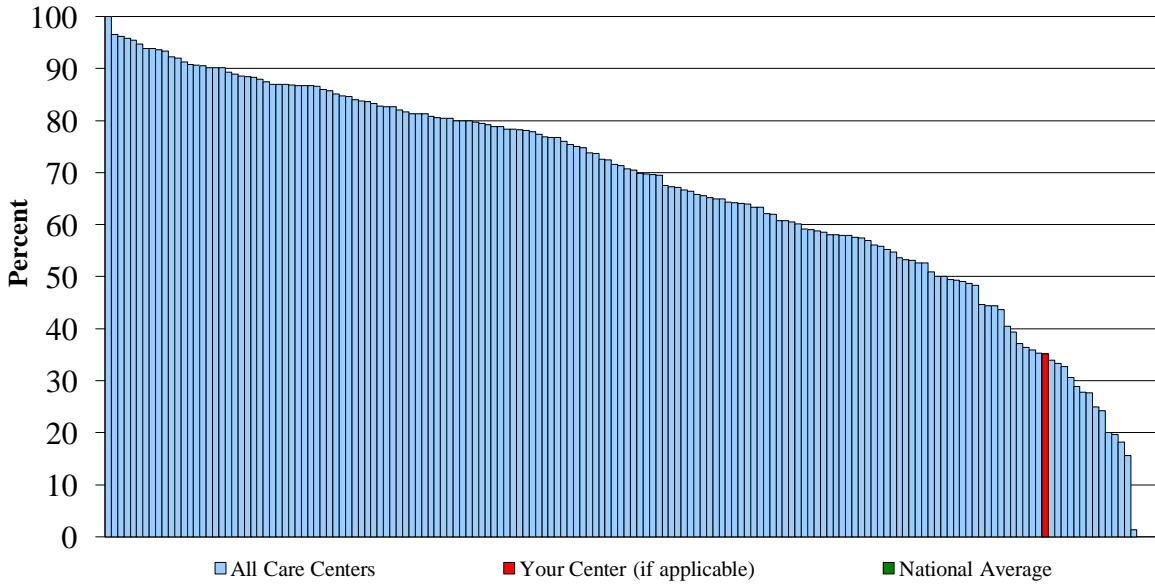
Influenza Immunization: Documented as Done in CF Patients \geq 6 months, 2007

The national average = 67.8

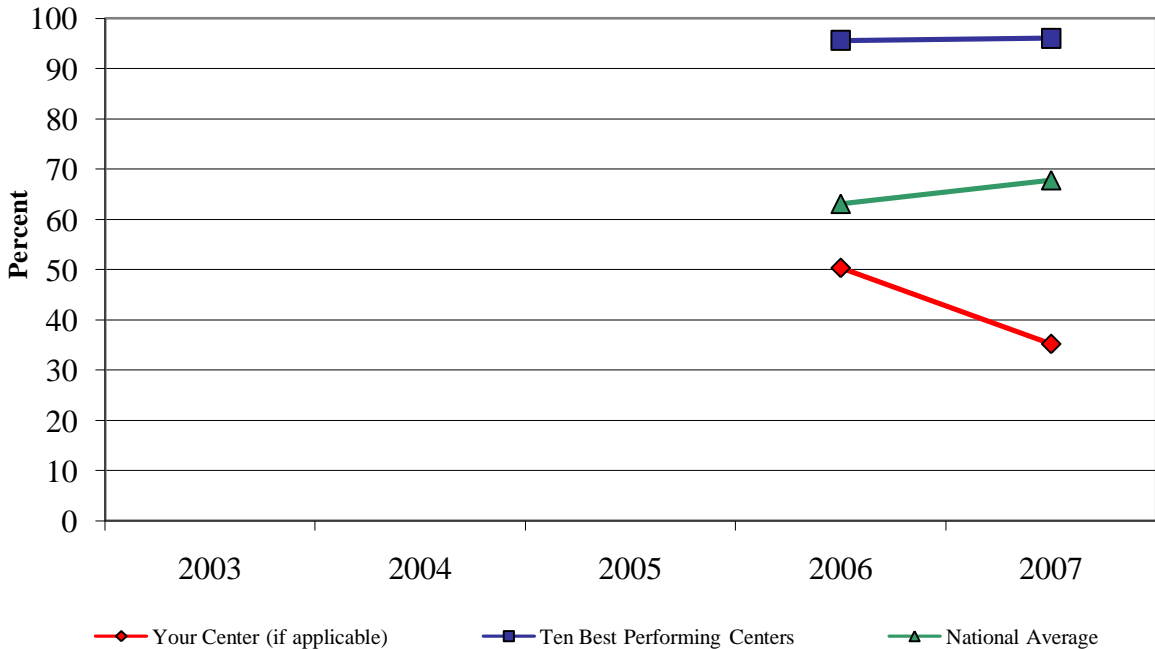
The ten best performing centers average = 96

Children's Hospital Boston (Boston, MA) = 35.2

(For this report a higher value is better)

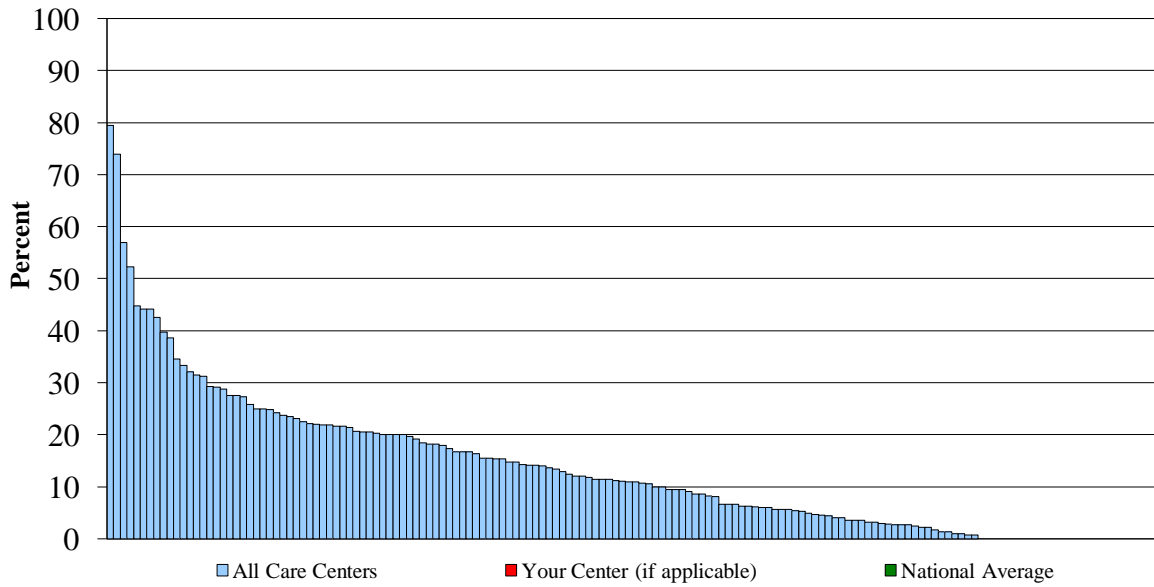


Influenza Immunization: Documented as Done in CF Patients \geq 6 months, 2003 - 2007

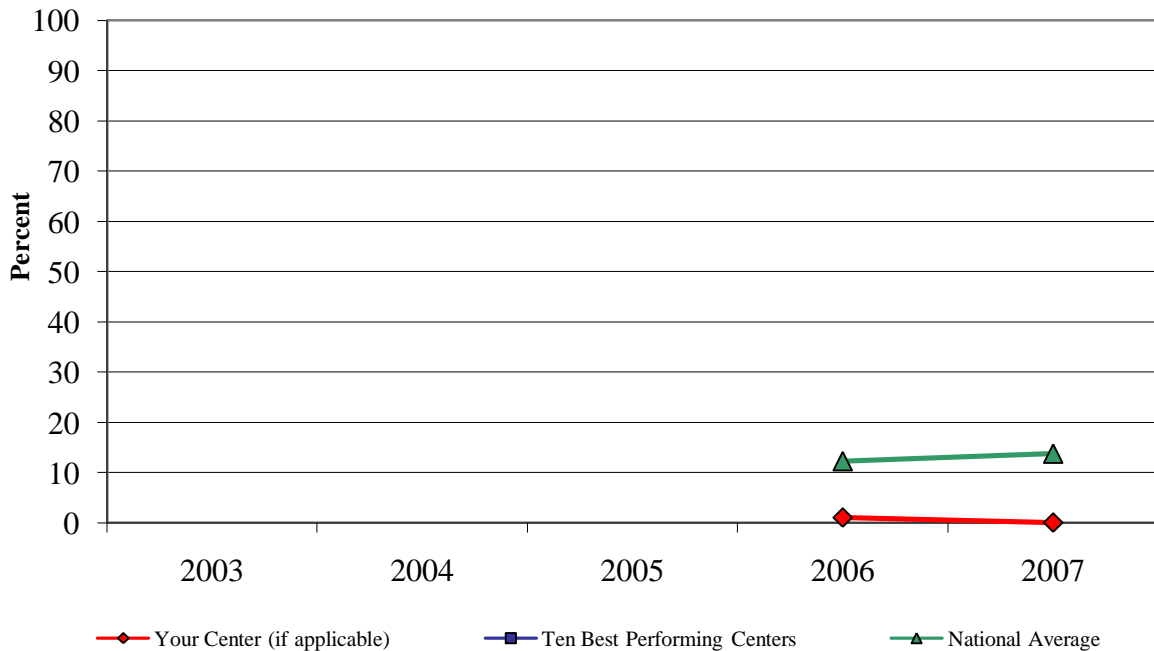


Second Hand Smoke Exposure in CF Patients < 18 Years, 2007
The national average = 13.8

Children's Hospital Boston (Boston, MA) = 0

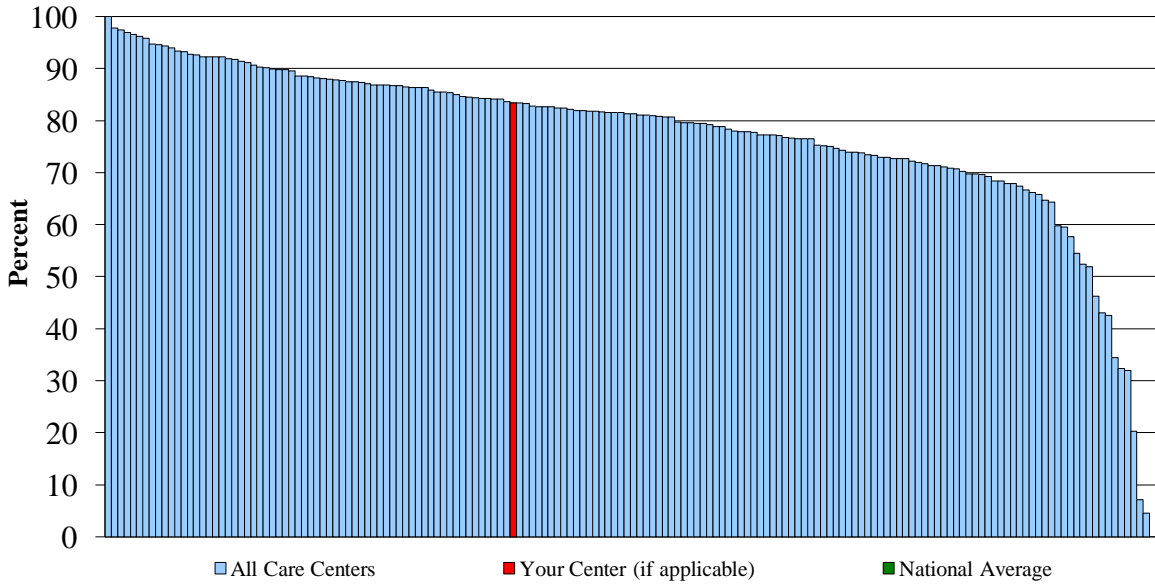


Second Hand Smoke Exposure in CF Patients < 18 Years, 2003 - 2007



Liver Enzymes Measured, 2007
The national average = 79.6
The ten best performing centers average = 95.7
Children's Hospital Boston (Boston, MA) = 83.4

(For this report a higher value is better)



Liver Enzymes Measured, 2003 - 2007

