

# 2007 New Jersey

## Commercial

## Health

## Maintenance

## Organizations

# A Comprehensive Performance Report



Produced by:  
Life and Health  
Division of Insurance  
New Jersey Department of Banking & Insurance



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# A. Introduction





## Introduction

### Overview

Health maintenance organizations (HMOs) provide a significant share (approximately 50%) of commercial health care coverage to New Jersey's residents. HMO members are enrolled in defined networks of health care providers and facilities. This makes it possible for the HMOs to measure the quality of the services they provide to members. Since 1997, New Jersey has required health plans with enrollment of more than 2,000 commercial members to collect and report standardized performance measures. The purpose of the *2007 New Jersey Commercial Health Maintenance Organizations: A Comprehensive Performance Report* is to provide HMOs, health care providers, health care consumers, researchers, and other interested parties with detailed, plan-specific, and statewide measures of performance. This is the sixth year that New Jersey has produced a comprehensive performance report on commercial HMOs operating in the state.

The performance measures in this report come from the Health Plan Employer Data and Information Set (HEDIS®) developed by the National Committee for Quality Assurance (NCQA). NCQA is a national not-for-profit organization that evaluates, accredits and reports on the quality of HMOs and managed care organizations.

This report presents HEDIS results in the following three main categories of care:

1. Effectiveness of Care
2. Access and Availability
3. Use of Services

In addition, this report complements a report for broad distribution to consumers, entitled *2007 New Jersey HMO Performance Report: Compare Your Choices*, available at: [www.state.nj.us/dobi/lifehealthactuarial/hmo2007/index.html](http://www.state.nj.us/dobi/lifehealthactuarial/hmo2007/index.html) Both reports are based on the HEDIS data. The consumer report focuses only on a subset of measures that are most relevant to the general public.

### Data

**The data presented in this report are for New Jersey's commercial HMO members only; there are no data reported for Medicare or Medicaid HMO members.** Federal and state agencies that oversee Medicare and Medicaid managed care separately collect performance data from HMOs on these members. HEDIS data submitted by HMOs to NCQA's "Quality Compass" in June 2007 reflect HMOs performance during the 2006 calendar year. Most data include the quality information from Point of Service (POS) products. However, the information for Horizon Healthcare of New Jersey includes only HMO enrollees, because Horizon

Healthcare of New Jersey does not offer a POS product (POS products are provided by a Horizon affiliate). Oxford's information does not include small group POS products.

The number of New Jerseyans enrolled in commercial HMO/POS products by HMO on December 31, 2006 was:

Aetna Health, Inc. — New Jersey	518, 118
AmeriHealth HMO	113, 068
CIGNA HealthCare of New Jersey	34, 335
Health Net of New Jersey, Inc.	102, 755
Horizon Healthcare of New Jersey	189, 519
Oxford Health Plans – New Jersey	131, 934
<b>TOTAL</b>	<b>1,089, 729</b>

Source: New Jersey Department of Banking and Insurance.  
NJ membership by contract type 12/31/06

All measures in this report are defined according to NCQA specifications. Additional information on the definitions of the measures can be found in *HEDIS® 2007: Technical Specifications (volume 2)*. For additional information on national performance, visit <http://www.ncqa.org> to review *The State of Health Care Quality 2007*.

### Methodology

Data analysis for this comprehensive report was performed for the New Jersey Department of Banking &

Insurance (DOBI) by the Center for State Health Policy, Rutgers, The State University of New Jersey, using data reported to NCQA's Quality Compass. All statistical tests measure statistical significance at a level of  $p < 0.05$ . It is possible for measures to be statistically different from the New Jersey statewide average even if the rates reported are identical. While the published rates are the same, there is enough of a difference in the rates before rounding that a statistical test will find a significant difference.

Sample size plays an important role in determining the statistical significance of a measure across time or across geographical units. With a larger sample size, smaller differences are more likely to be statistically significant. As a result of differences in sample size, it is possible for measures with identical reported rates to have different levels of statistical significance when compared with statewide New Jersey performance.

Where "NA" or "not applicable" is reported, this is the result of the denominator for that measure being too small to generate a statistically valid rate. To report "NA," the HMOs auditor must determine that the data for the measure were collected with sufficient methodological rigor, but the rate was based on fewer than 30 cases. Such a small denominator results in an unstable rate, so the HMO receives an "NA" for that measure. "NR" or "not reported" is used to designate cases in which an HMO failed to report a particular rate to NCQA or the State of New Jersey. "NR" indicates that a serious data collection

problem at the HMO level precluded calculating a valid rate for the particular measure.

For each measure published in the comprehensive report, New Jersey's statewide average (a simple weighted average) is compared with the performance of New York, Pennsylvania, the mid-Atlantic region, and the nation. The reported regional rates combine rates for New York, Pennsylvania, and New Jersey, while the reported national rates contain all states, including New Jersey. The regional and national rates used in the statistical tests that compare performance to New Jersey's exclude New Jersey's rates. For this reason, New Jersey and regional rates for some measures could be similar, while the statistical tests show significant differences.

The national, regional, and state norms are obtained from NCQA's Quality Compass. New Jersey requires submission of HEDIS data. For other states, HMO data submission to Quality Compass is voluntary, or they may choose to rotate out specific measures, in which case they will report the previous year's rates. As a result of potential differences in methodology, caution should be used in drawing conclusions from the comparisons between New Jersey and the nation, region or other states.

As a rule, a higher rate indicates better quality performance for measures presented in this report. For the measure, *Comprehensive Diabetes Care: Poor*

*HbA1c Control* (found on **page 34**), however, a lower rate indicates better quality performance. As a consequence, for this measure the results of the statistical tests indicating that the New Jersey HMO average is higher than that for the other states, the region and the nation means that performance in other states, the region and or the nation was better than New Jersey's performance.

In the **Use of Services** section, in the Inpatient Utilization table on **page 66**, the "Total" column exceeds by more than expected rounding error the aggregate of the categories listed. This is because there is an additional category of "Ungroupable" discharges included in the "Total" column. While this category is small, it accounts for the differences between the total column and the sum of the three discharge categories.

In the **Use of Services** section, in the Mental Health Utilization table on **page 71**, a member can receive services in one or more of the service categories and would be counted in each category, while the same member would be counted once in the "Any Services" column. Because a single member is counted only once in the "Any Services" column but can be counted in more than one of the component services columns, the component columns can sum to more than the "Any Services" column.



## C. Effectiveness of Care



**Effectiveness of Care**  
**Comparison of NJ Statewide Averages for HEDIS Measures, 2003-2007**  
(Cohort of plans appearing in each year)

HEDIS Measures	2003	2004	2005	2006	2007	Change	Significance*
Breast Cancer Screening – Total †	NA	NA	NA	NA	65	NA	NT
Controlling High Blood Pressure – Total †	NA	NA	NA	NA	58	NA	NT
Cervical Cancer Screening‡	NA	NA	NA	NA	79	NA	NT
Postpartum Care	77	79	81	82	79	2	NS
Childhood Immunizations Status - Combo 2	67	70	73	78	76	9	↑ Improved
Comprehensive Diabetes Care - Eye Exams	55	50	50	55	54	-1	NS
Comprehensive Diabetes Care - HbA1c Testing	80	82	83	85	86	6	↑ Improved
Cholesterol Management (LDL-C level < 100 mg/dL) †	NA	NA	NA	NA	57	NA	NT
Beta Blocker Treatment After Heart Attack	96	96	97	98	98	2	NS
Follow-up After Mental Illness Hospitalization - 30 days	76	77	76	79	79	3	NS
Appropriate Medications for Children with Asthma Ages 5-17	63	73	72	94	95	32	↑ Improved
Antidepressant Medication Management - Optimal Practitioner Contacts	22	27	27	30	28	6	NS

NOTES: Sig. Levels - \* p <= .05, \*\* p <= .01. Comparisons not done for measures with fewer than 3 points of observation. Comparisons made with linear regression.  
NS -- not significant, NT - Not Appropriate for Trending, NA - Not Available  
† Due to a change in the measure used for the HMO Performance Reports in 2007, this measure will not be trended until three consecutive years of data are available.  
‡ Due to a change in the lower age limit for this measure by NCQA in 2007, this measure will not be trended until three consecutive years of data are available.

## Effectiveness of Care

### Comparison of New Jersey Statewide Averages for HEDIS Measures, 2006 & 2007

HEDIS Measures	2006 Rate	2007 Rate	Change*	Significance**
Childhood Immunization, Combo 2	77%	76%	-1%	↔ no change
Childhood Immunization Status, DTP	86%	85%	-2%	↔ no change
Childhood Immunization Status, IPV	90%	89%	-1%	↔ no change
Childhood Immunization Status, MMR	92%	91%	0%	↔ no change
Childhood Immunization Status, Hepatitis B	92%	90%	-2%	↓ declined
Childhood Immunization Status, Hib	95%	93%	-2%	↓ declined
Childhood Immunization Status, VZV	90%	91%	0%	↔ no change
Adolescent Immunization Status, Combo 2	69%	68%	0%	↔ no change
Adolescent Immunization Status, MMR	83%	82%	-2%	↓ declined
Adolescent Immunization Status, Hepatitis B	83%	82%	-1%	↔ no change
Adolescent Immunization Status, VZV - Chicken Pox	72%	72%	0%	↔ no change
Breast Cancer Screening, Ages 42-51	NA	64%	NA	NA NA
Breast Cancer Screening, Ages 52-69	NA	67%	NA	NA NA
Breast Cancer Screening - Total	NA	65%	NA	NA NA
Cervical Cancer Screening	NA	79%	NA	NA NA
Controlling High Blood Pressure, Ages 18-45	NA	57%	NA	NA NA
Controlling High Blood Pressure, Ages 46-85	NA	59%	NA	NA NA
Controlling High Blood Pressure - Total	NA	58%	NA	NA NA
Beta Blocker Treatment After Heart Attack	98%	97%	0%	↔ no change
Cholesterol Management - LDL-C Screening	NA	89%	NA	NA NA
Cholesterol Management - LDL-C Level <100 mg/dL	NA	57%	NA	NA NA
Comprehensive Diabetes Care - Blood Sugar Testing	85%	86%	1%	↔ no change
Comprehensive Diabetes Care - Poor HbA1c Control	30%	31%	1%	↔ no change
Comprehensive Diabetes Care - Eye Exams	55%	54%	-1%	↔ no change
Comprehensive Diabetes Care - LDL-C Screening	NA	85%	NA	NA NA
Comprehensive Diabetes Care - LDL-C Level	NA	45%	NA	NA NA
Comprehensive Diabetes Care - Monitoring Diabetic Nephropathy	NA	75%	NA	NA NA
Use of Appropriate Medications for People with Asthma, Ages 5-9	96%	98%	2%	↑ improved
Use of Appropriate Medications for People with Asthma, Ages 10-17	92%	93%	1%	↔ no change
Use of Appropriate Medications for People with Asthma, Ages 18-56	90%	93%	3%	↑ improved
Use of Appropriate Medications for People with Asthma, Combined Rate	92%	94%	2%	↑ improved
Follow-up After Hospitalization For Mental Illness, 30 Days	79%	79%	0%	↔ no change
Follow-up After Hospitalization For Mental Illness, 7 days	63%	61%	-1%	↔ no change
Antidepressant Medication Management- Optimal Practitioner Contacts	30%	28%	-3%	↓ declined
Antidepressant Medication Management- Effective Acute Phase Treatment	63%	66%	4%	↑ improved
Antidepressant Medication Management- Effective Continuation Phase Treatment	47%	49%	2%	↔ no change

\*Rates and Change rounded to whole number, but Change is calculated using un-rounded rates. \*\* Differences are statistically significant at the 0.05 level



## Childhood Immunization Status

The percentage of enrolled children who turned two years old during measurement year, who were continuously enrolled for 12 months immediately prior to second birthday, identified as having:

- ↳ Combo 2 (all doses of DTaP, IPV, MMR, Hib, Hepatitis B & VZV)
- ↳ Four DTaP/DT (Diphtheria, Tetanus, Pertussis)
- ↳ Three IPV (Polio)
- ↳ One MMR (Measles, Mumps, Rubella)
- ↳ Three H Influenza Type B
- ↳ Three Hepatitis B
- ↳ One VZV (Chicken pox)

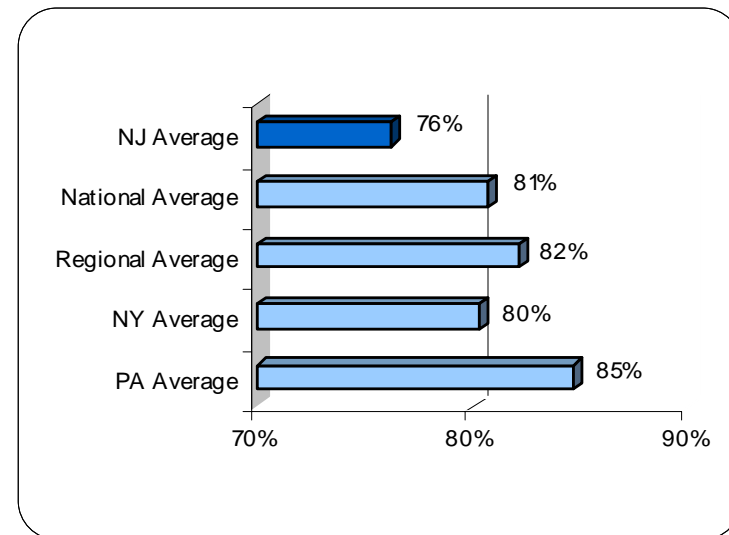
### Childhood Immunization Status: Combo 2 (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>76%</b>	
Aetna	67%	○
AmeriHealth	79%	◐
CIGNA	81%	●
Health Net	77%	◐
Horizon	77%	◐
Oxford	75%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status

National	Regional	NY	PA
●	●	●	●



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>64%</b>	<b>69%</b>	<b>72%</b>	<b>75%</b>	<b>76%</b>
Nation	63%	70%	74%	78%	81%
Region (NJ, NY & PA)	66%	72%	72%	79%	82%
New York	66%	69%	73%	79%	80%
Pennsylvania	68%	78%	78%	83%	85%

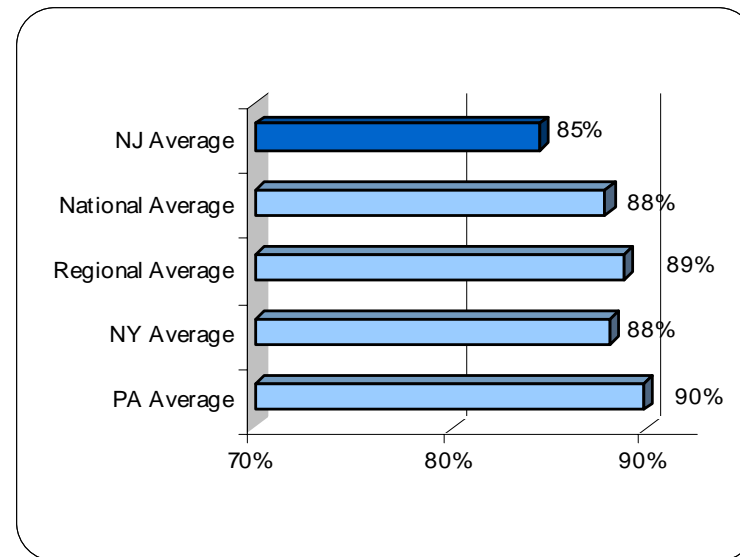
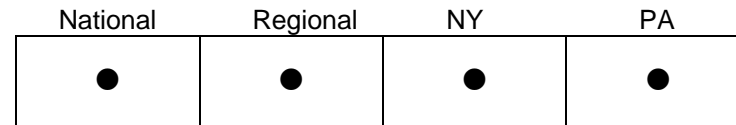
**Childhood Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page .....

**Childhood Immunization Status: Percent with 4 Doses of DTP (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>85%</b>	
Aetna	79%	○
AmeriHealth	85%	◐
CIGNA	89%	●
Health Net	84%	◐
Horizon	85%	◐
Oxford	85%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status – Percent with 4 Doses of DTP**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>82%</b>	<b>86%</b>	<b>87%</b>	<b>85%</b>	<b>85%</b>
Nation	80%	84%	86%	86%	88%
Region (NJ, NY & PA)	84%	87%	88%	88%	89%
New York	85%	86%	88%	88%	88%
Pennsylvania	84%	91%	91%	90%	90%

**Childhood Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page.....

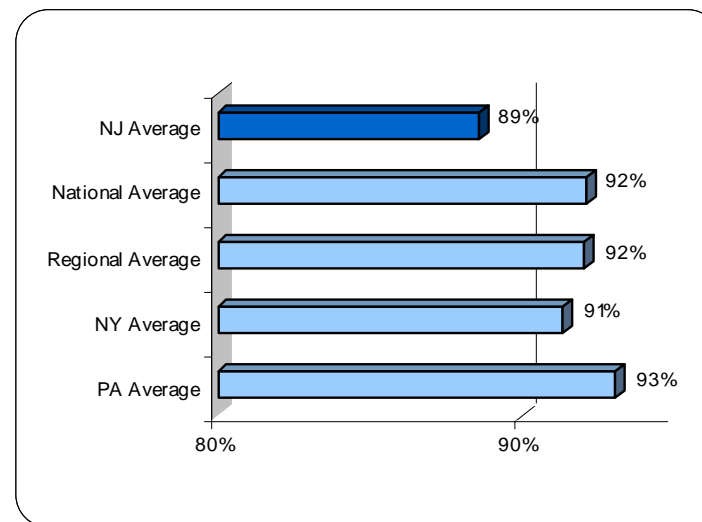
**Childhood Immunization Status: Percent with 3 Doses of IPV (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>89%</b>	
Aetna	82%	○
AmeriHealth	89%	◐
CIGNA	92%	●
Health Net	88%	◐
Horizon	92%	●
Oxford	89%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status – Percent with 3 Doses of IPV**

National	Regional	NY	P A
●	●	●	●



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>85%</b>	<b>88%</b>	<b>89%</b>	<b>89%</b>	<b>89%</b>
Nation	86%	89%	90%	90%	92%
Region (NJ, NY & PA)	87%	90%	91%	91%	92%
New York	88%	89%	91%	91%	91%
Pennsylvania	88%	94%	93%	93%	93%

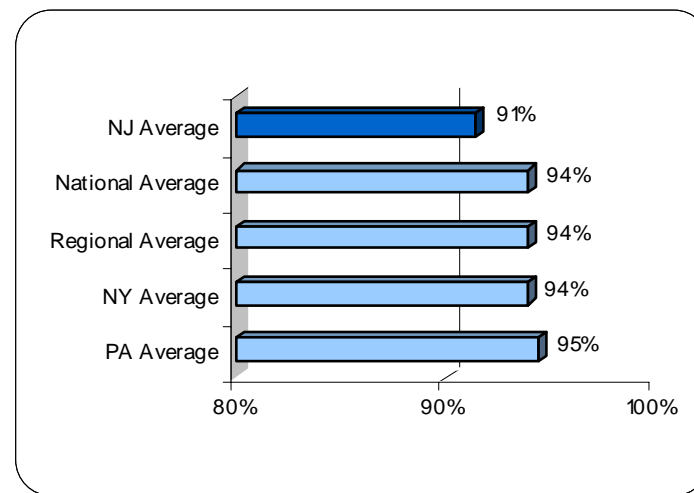
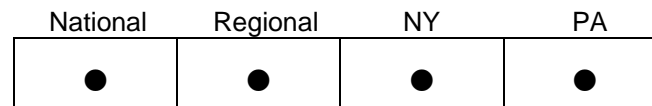
**Childhood Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page .....

**Childhood Immunization Status: Percent with 1 Dose of MMR** (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>91%</b>	
Aetna	90%	●
AmeriHealth	91%	●
CIGNA	91%	●
Health Net	90%	●
Horizon	93%	●
Oxford	92%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status – Percent with 1 Dose of MMR**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>91%</b>	<b>91%</b>	<b>93%</b>	<b>91%</b>	<b>91%</b>
Nation	90%	91%	92%	93%	94%
Region (NJ, NY & PA)	92%	93%	93%	93%	94%
New York	92%	92%	94%	94%	94%
Pennsylvania	93%	95%	94%	95%	95%

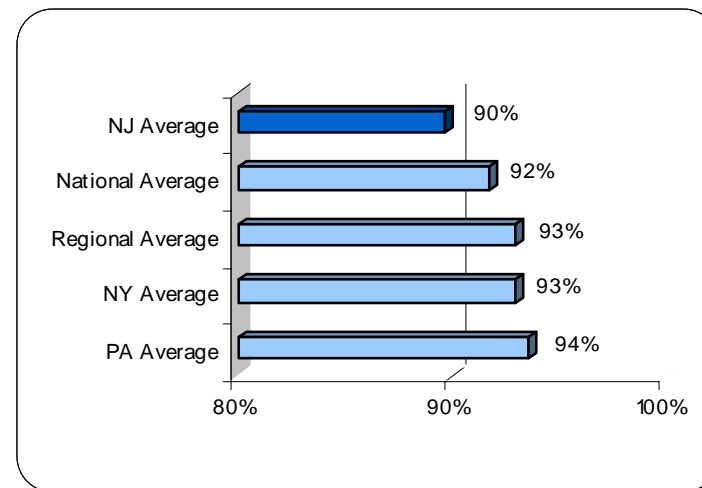
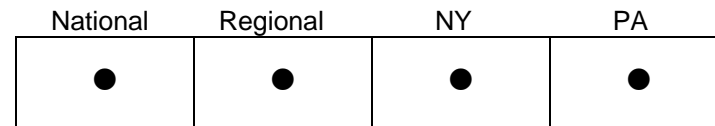
**Childhood Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page .....

**Childhood Immunization Status: Percent with 3 Doses of Hepatitis B (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>90%</b>	
Aetna	83%	○
AmeriHealth	91%	◐
CIGNA	93%	●
Health Net	91%	◐
Horizon	91%	◐
Oxford	89%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status – Percent with 3 Doses of Hepatitis B**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>83%</b>	<b>89%</b>	<b>89%</b>	<b>91%</b>	<b>90%</b>
Nation	82%	86%	87%	90%	92%
Region (NJ, NY & PA)	85%	90%	91%	92%	93%
New York	87%	88%	91%	93%	93%
Pennsylvania	85%	92%	92%	93%	94%

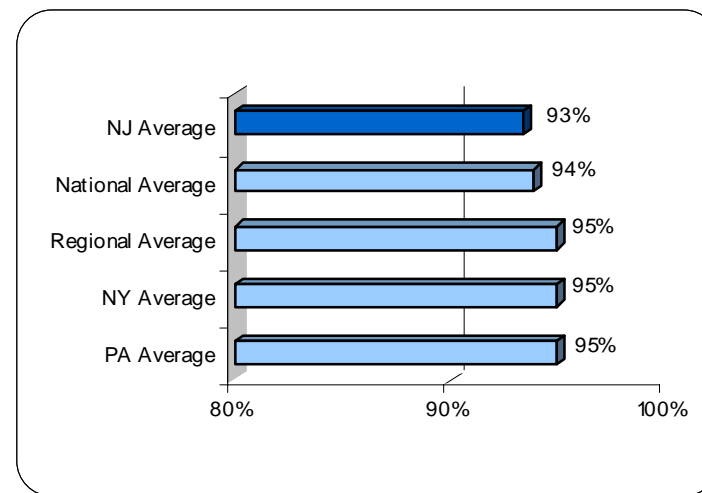
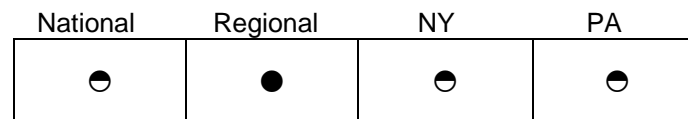
**Childhood Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page .....

**Childhood Immunization Status: Percent with 3 Doses of Hib (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>93%</b>	
Aetna	90%	○
AmeriHealth	94%	◐
CIGNA	95%	●
Health Net	94%	◐
Horizon	93%	◐
Oxford	94%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status – Percent with 3 Doses of Hib**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>86%</b>	<b>88%</b>	<b>90%</b>	<b>94%</b>	<b>93%</b>
Nation	83%	86%	88%	93%	94%
Region (NJ, NY & PA)	86%	88%	89%	95%	95%
New York	87%	87%	88%	95%	95%
Pennsylvania	86%	91%	91%	96%	95%

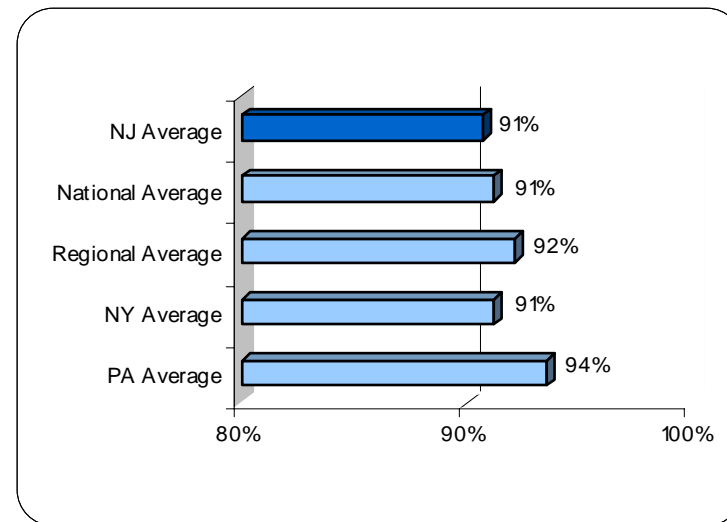
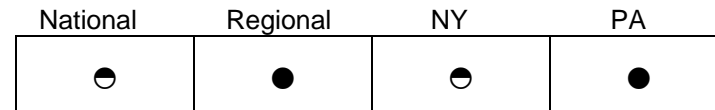
**Childhood Immunization Status, Continued .....**

**Childhood Immunization Status: Percent with 1 Dose of VZV (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>91%</b>	
Aetna	90%	●
AmeriHealth	92%	●
CIGNA	91%	●
Health Net	92%	●
Horizon	89%	●
Oxford	90%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Childhood Immunization Status – Percent with 1 Dose of VZV**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>81%</b>	<b>85%</b>	<b>87%</b>	<b>89%</b>	<b>91%</b>
Nation	82%	86%	88%	90%	91%
Region (NJ, NY & PA)	83%	87%	88%	91%	92%
New York	82%	85%	88%	91%	91%
Pennsylvania	86%	91%	90%	93%	94%

## Adolescent Immunization Status

The percent of enrolled adolescents who turned 13 years old during the measurement year (2006), were continuously enrolled for 12 months before their 13<sup>th</sup> birthday, and identified as having:

- ↳ Combo 2 (all doses of MMR, Hepatitis B and VZV)
- ↳ A Second Dose of MMR
- ↳ Three Hepatitis B
- ↳ One VZV (Chicken pox)

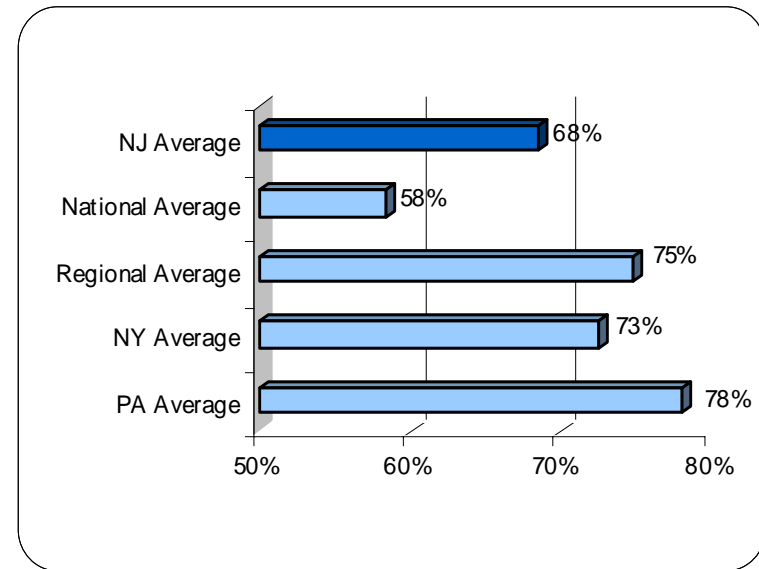
### Adolescent Immunization Status: Combo 2 (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>68%</b>	
Aetna	62%	○
AmeriHealth	65%	◐
CIGNA	76%	●
Health Net	77%	●
Horizon	75%	●
Oxford	56%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Adolescent Immunization Status – Combo 2

National	Regional	NY	PA
○	●	●	●



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>35%</b>	<b>54%</b>	<b>61%</b>	<b>65%</b>	<b>68%</b>
Nation	31%	42%	47%	54%	58%
Region (NJ, NY & PA)	47%	60%	64%	71%	75%
New York	52%	59%	64%	71%	73%
Pennsylvania	51%	65%	69%	75%	78%



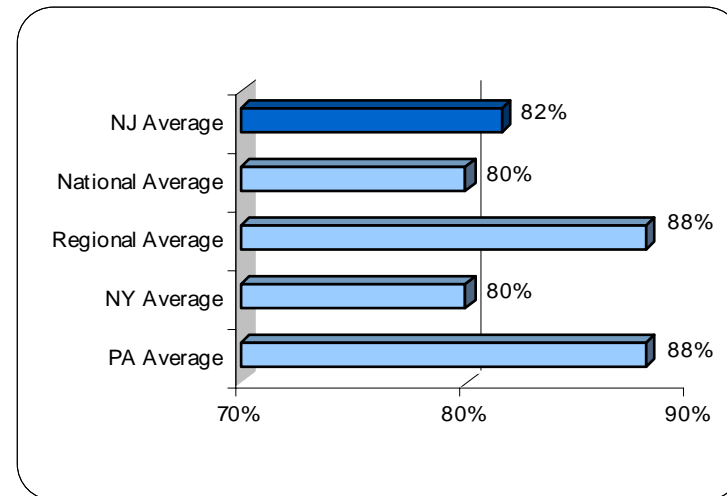
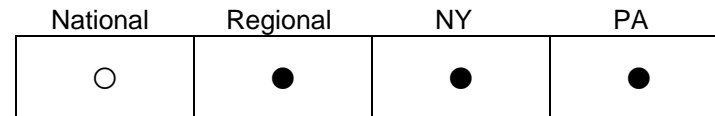
**Adolescent Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page .....

**Adolescent Immunization Status: Percent with 2 Doses of MMR (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>82%</b>	
Aetna	78%	◐
AmeriHealth	79%	◐
CIGNA	87%	●
Health Net	89%	●
Horizon	83%	◐
Oxford	72%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Adolescent Immunization Status – Percent with 2 Doses of MMR**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>67%</b>	<b>75%</b>	<b>80%</b>	<b>80%</b>	<b>82%</b>
Nation	68%	74%	77%	79%	80%
Region (NJ, NY & PA)	79%	83%	85%	86%	88%
New York	82%	84%	86%	88%	88%
Pennsylvania	85%	89%	88%	88%	88%

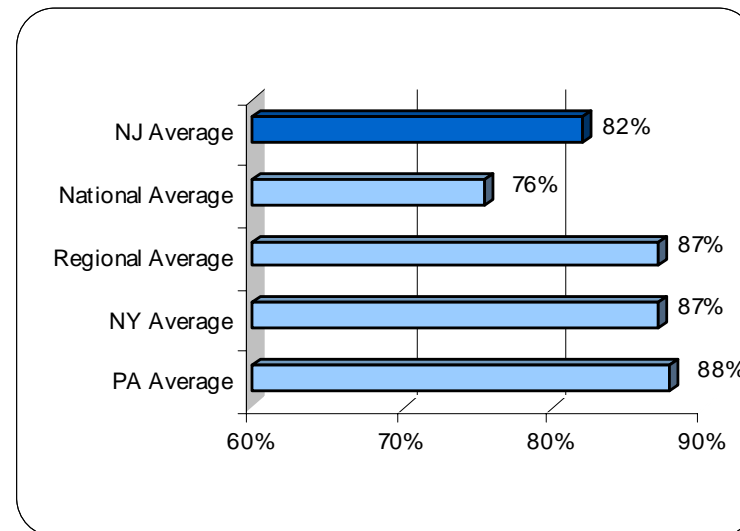
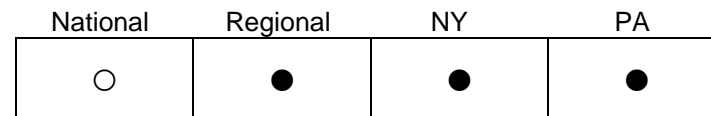
**Adolescent Immunization Status:** Individual Immunizations Included in Combo 2, Continued from previous page .....

**Adolescent Immunization Status: Percent with 3 Doses of Hepatitis B (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>82%</b>	
Aetna	75%	○
AmeriHealth	80%	◐
CIGNA	88%	●
Health Net	87%	●
Horizon	88%	●
Oxford	74%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Adolescent Immunization Status – Percent with 3 Doses of Hepatitis B**



**Five-Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>56%</b>	<b>79%</b>	<b>82%</b>	<b>80%</b>	<b>82%</b>
Nation	55%	63%	67%	72%	76%
Region (NJ, NY & PA)	72%	82%	84%	85%	87%
New York	79%	81%	85%	87%	87%
Pennsylvania	75%	85%	86%	87%	88%

**Adolescent Immunization Status:** Continued from previous page .....

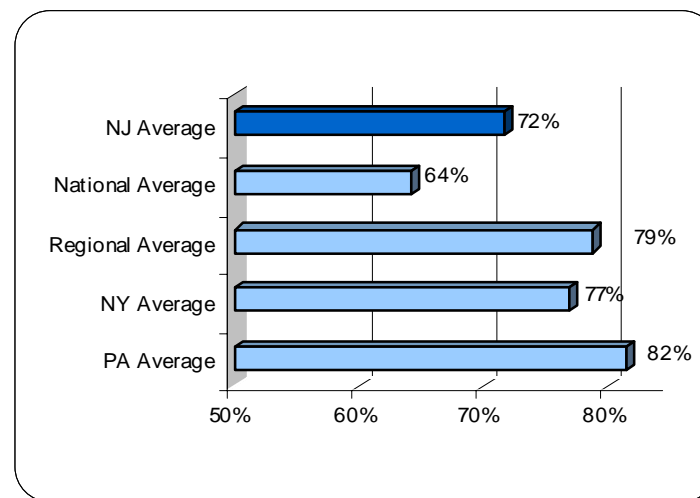
**Adolescent Immunization Status: Percent with 1 Dose of VZV (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>72%</b>	
Aetna	66%	○
AmeriHealth	68%	◐
CIGNA	78%	●
Health Net	79%	●
Horizon	79%	●
Oxford	61%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Adolescent Immunization Status – Percent with 1 Dose of VZV**

National	Regional	NY	PA
○	●	●	●



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>47%</b>	<b>60%</b>	<b>66%</b>	<b>69%</b>	<b>72%</b>
Nation	41%	51%	56%	60%	64%
Region (NJ, NY & PA)	55%	66%	70%	75%	79%
New York	58%	66%	70%	75%	77%
Pennsylvania	58%	72%	75%	79%	82%

## Breast Cancer Screening

The percentage of women age 40-69 years as of December 31, 2006, and continuously enrolled since January 1, 2005, who had a mammogram during the period, January 1, 2005 to December 31, 2006.

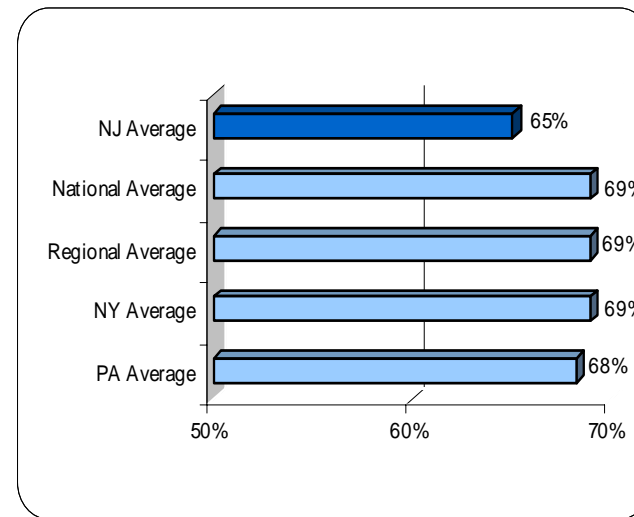
### Breast Cancer Screening-Total (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>65%</b>	
Aetna	64%	○
AmeriHealth	66%	◐
CIGNA	63%	○
Health Net	67%	●
Horizon	66%	◐
Oxford	66%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Breast Cancer Screening

National	Regional	NY	PA
●	●	●	●



### Five - Year Trends\*

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>65%</b>
Nation	NA	NA	NA	NA	69%
Region (NJ, NY & PA)	NA	NA	NA	NA	69%
New York	NA	NA	NA	NA	69%
Pennsylvania	NA	NA	NA	NA	68%

\* A change was made to the lower age limit in 2007, therefore results for this measure cannot be trended to prior years, results.

## Cervical Cancer Screening

The percentage of women age 21-64 years as of December 31, 2006 and continuously enrolled since January 1, 2004, and who received one or more Pap tests during the period January 1, 2004 to December 31, 2006.

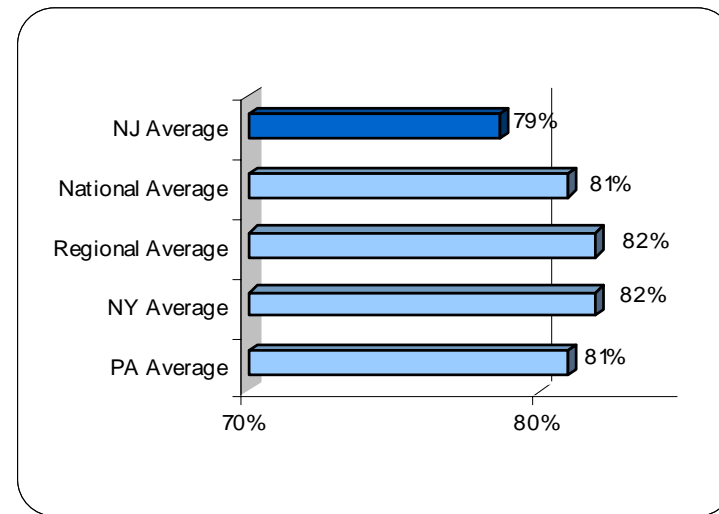
### Cervical Cancer Screening (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>79%</b>	
Aetna	76%	○
AmeriHealth	77%	◐
CIGNA	81%	◑
Health Net	82%	◑
Horizon	76%	◑
Oxford	79%	◑

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Cervical Cancer Screening

National	Regional	NY	PA
●	●	●	◐



## Five -Year Trends\*

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	<b>79%</b>
Nation	NA	NA	NA	NA	81%
Region (NJ, NY & PA)	NA	NA	NA	NA	82%
New York	NA	NA	NA	NA	82%
Pennsylvania	NA	NA	NA	NA	81%

\* Raised the lower age limit from 18 to 21 years of age, therefore results for this measure cannot be trended to prior years, results.

## Controlling High Blood Pressure

Percent of members diagnosed with hypertension age 18-85 years as of December 31, and whose blood pressure is adequately controlled (less than 140/90) during measurement year 2006.

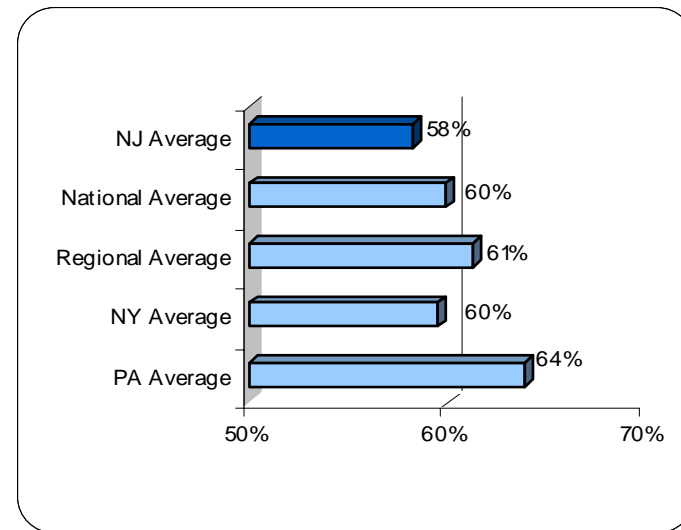
### Controlling High Blood Pressure - Total (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>58%</b>	
Aetna	58%	●
AmeriHealth	62%	●
CIGNA	60%	●
Health Net	63%	●
Horizon	67%	●
Oxford	39%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Controlling High Blood Pressure

National	Regional	NY	PA
●	●	●	●



### Five -Year Trends\*

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	<b>58%</b>
Nation	NA	NA	NA	NA	60%
Region (NJ, NY & PA)	NA	NA	NA	NA	61%
New York	NA	NA	NA	NA	60%
Pennsylvania	NA	NA	NA	NA	64%

\* Decreased the lower age limit to 18 years of age and changed adequately controlled blood pressure to <140/90. Results for this measure cannot be trended to prior years' results. No data were reported in the 2007 Quality Compass for the two age groups at either the state or national level.

## Beta-Blocker Treatment After a Heart Attack

Percent of members age 35 years and older during measurement year 2006, who were hospitalized and discharged alive from January 1 to December 24, 2006 with a diagnosis of AMI and who received an ambulatory prescription for Beta-Blockers upon discharge.

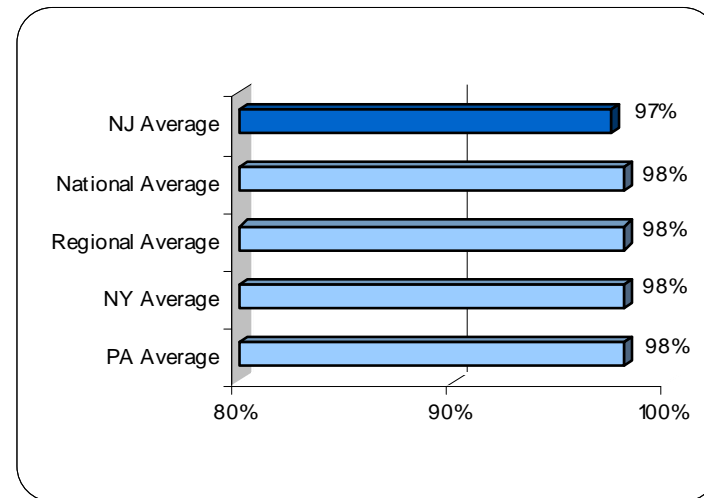
### Beta-Blocker Treatment After a Heart Attack (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>97%</b>	
Aetna	89%	○
AmeriHealth	99%	◐
CIGNA	100%	●
Health Net	99%	◐
Horizon	100%	●
Oxford	98%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Beta-Blocker Treatment After a Heart Attack

National	Regional	NY	PA
◐	◐	◐	●



## Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>96%</b>	<b>96%</b>	<b>97%</b>	<b>98%</b>	<b>97%</b>
Nation	94%	94%	96%	97%	98%
Region (NJ, NY & PA)	95%	96%	97%	98%	98%
New York	94%	94%	97%	97%	98%
Pennsylvania	96%	98%	98%	98%	98%

## Cholesterol Management for Patients with Cardiovascular Conditions

Percent of members age 18-75 years as of December 31, 2006 who were discharged alive in the year prior to the measurement year (2006) for AMI, CABG or PTCA hospitalization and who had:

- ➔ LDL-C screening; recorded 60 to 365 days after discharge
- ➔ LDL-C control <100 mg/dl

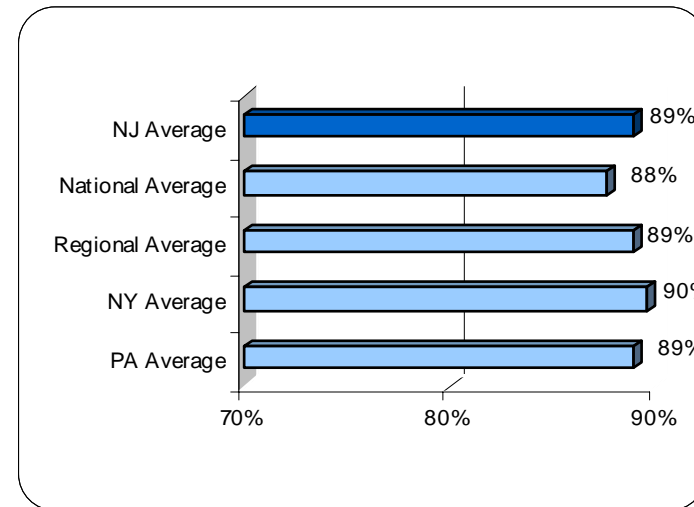
### Cholesterol Management for Patients with Cardiovascular Conditions: LDL-C Screening (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>89%</b>	
Aetna	88%	●
AmeriHealth	87%	●
CIGNA	89%	●
Health Net	92%	●
Horizon	89%	●
Oxford	88%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Cholesterol Management for Patients with Cardiovascular Conditions for LDL-C Screening

National	Regional	NY	PA
○	●	●	●



### Five -Year Trends \*

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	<b>89%</b>
Nation	NA	NA	NA	NA	88%
Region (NJ, NY & PA)	NA	NA	NA	NA	89%
New York	NA	NA	NA	NA	90%
Pennsylvania	NA	NA	NA	NA	89%

\* Due to measure specification changes in 2007, results for this measure cannot be trended to previous years' results.



**Cholesterol Management for Patients with Cardiovascular Conditions:** Continued from previous page.....

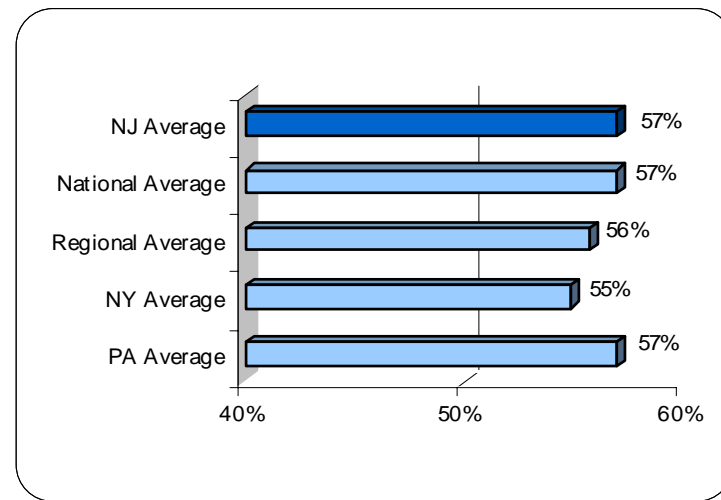
**Cholesterol Management for Patients with Cardiovascular Conditions: LDL-C Levels <100 mg/dL**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>57%</b>	
Aetna	61%	●
AmeriHealth	59%	●
CIGNA	54%	●
Health Net	59%	●
Horizon	60%	●
Oxford	48%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Cholesterol Management for Patients with Cardiovascular Conditions for LDL-C Levels**

National	Regional	NY	PA
●	●	●	●



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	<b>57%</b>
Nation	NA	NA	NA	NA	57%
Region (NJ, NY & PA)	NA	NA	NA	NA	56%
New York	NA	NA	NA	NA	55%
Pennsylvania	NA	NA	NA	NA	57%

\* Due to measure specification changes in 2007, results for this measure cannot be trended to previous years' results.

## Comprehensive Diabetes Care

The percent of members with diabetes (type 1 and type 2), age 18 to 75 years, continuously enrolled during the measurement year 2006 and who had:

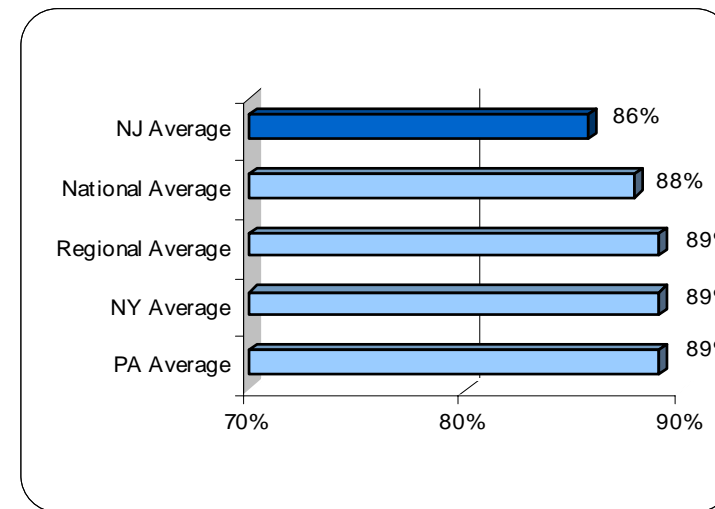
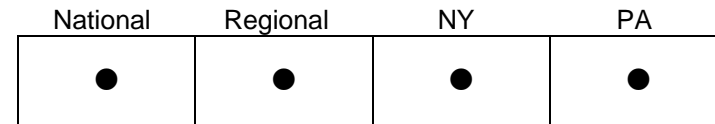
- Blood Sugar Testing (glyco-hemoglobin test HbA1c)
- Poor HbA1c Control
- Eye Exams for Diabetic Retinal Disease
- LDL-C Screening
- LDL-C Level Control - <100 mg/dL
- Kidney Disease (nephropathy) Monitored

### Comprehensive Diabetes Care: Blood Sugar Testing (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>86%</b>	
Aetna	84%	●
AmeriHealth	87%	●
CIGNA	86%	●
Health Net	84%	●
Horizon	87%	●
Oxford	87%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Comprehensive Diabetes Care for Blood Sugar Testing



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>79%</b>	<b>80%</b>	<b>82%</b>	<b>84%</b>	<b>86%</b>
Nation	83%	85%	87%	88%	88%
Region (NJ, NY & PA)	83%	85%	87%	87%	89%
New York	84%	85%	88%	88%	89%
Pennsylvania	87%	89%	90%	89%	89%

**Comprehensive Diabetes Care**, Continued from previous page....

**Comprehensive Diabetes Care: Poor HbA1c Control**  
(Data Year 2006)

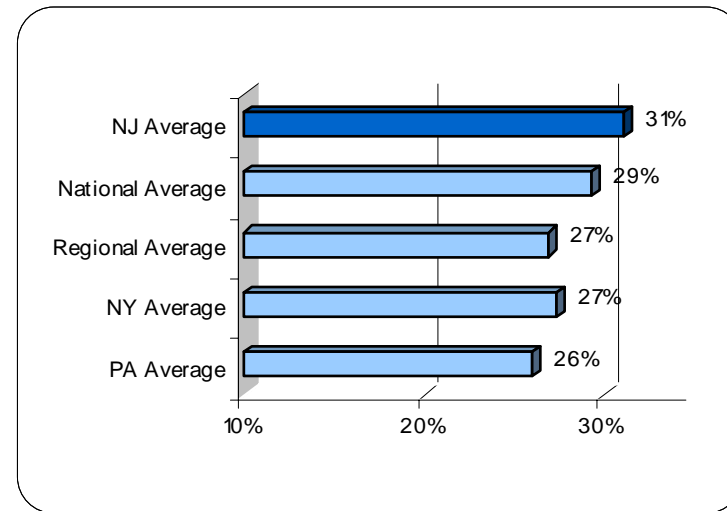
HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>31%</b>	
Aetna	32%	●
AmeriHealth	30%	◐
CIGNA	26%	○
Health Net	32%	◐
Horizon	26%	○
Oxford	40%	●

\* Unlike other HEDIS measures, a lower rate indicates better performance; therefore, plans that score below the average are better performers.

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Comprehensive Diabetes Care for Poor HbA1c Control\***

National	Regional	NY	PA
○	○	○	○



**Five - Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>38%</b>	<b>35%</b>	<b>33%</b>	<b>31%</b>	<b>31%</b>
Nation	34%	32%	31%	30%	29%
Region (NJ, NY & PA)	32%	29%	29%	28%	27%
New York	31%	29%	28%	27%	27%
Pennsylvania	30%	25%	27%	27%	26%

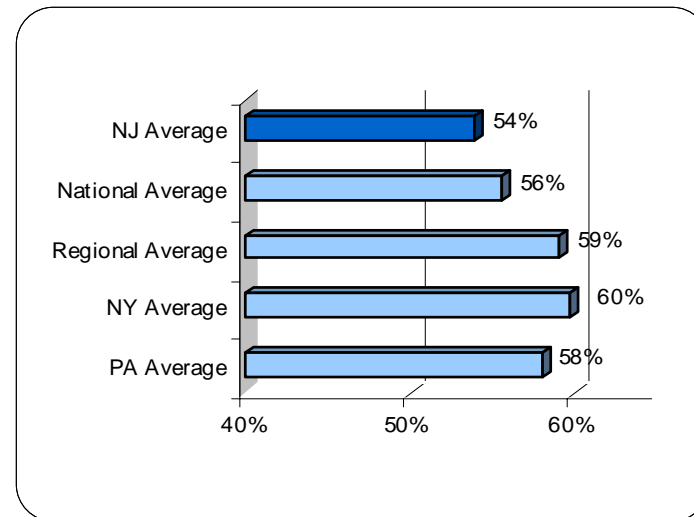
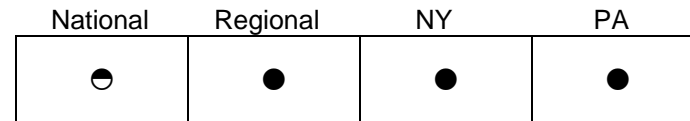
**Comprehensive Diabetes Care, Continued from previous page.....**

**Comprehensive Diabetes Care: Eye Exams**  
(Data Year 2006 or Prior Year)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>54%</b>	
Aetna	57%	●
AmeriHealth	53%	●
CIGNA	54%	●
Health Net	54%	●
Horizon	60%	●
Oxford	46%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Comprehensive Diabetes Care for Eye Exams**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>50%</b>	<b>46%</b>	<b>48%</b>	<b>52%</b>	<b>54%</b>
Nation	52%	49%	51%	55%	56%
Region (NJ, NY & PA)	55%	52%	53%	57%	59%
New York	56%	53%	55%	59%	60%
Pennsylvania	58%	55%	54%	57%	58%

**Comprehensive Diabetes Care**, Continued from previous page.....

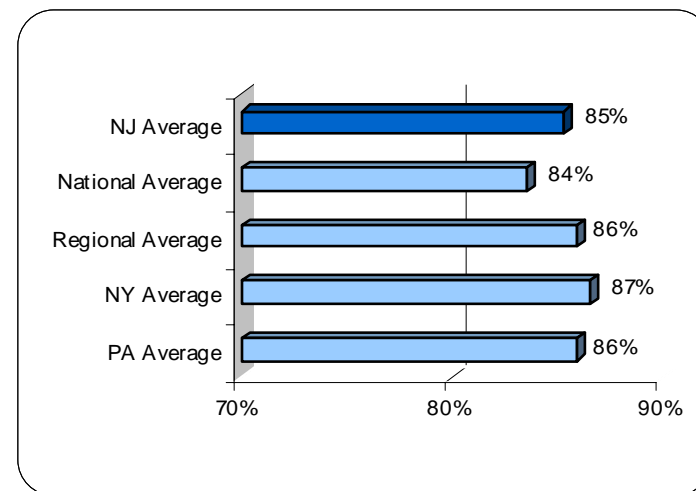
**Comprehensive Diabetes Care: LDL-C Screening**  
(Data Year 2006 or Prior Year)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>85%</b>	
Aetna	83%	●
AmeriHealth	84%	●
CIGNA	88%	●
Health Net	83%	●
Horizon	87%	●
Oxford	87%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Comprehensive Diabetes Care for LDL-C Screening**

National	Regional	NY	PA
○	●	●	●



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	<b>85%</b>
Nation	NA	NA	NA	NA	84%
Region (NJ, NY & PA)	NA	NA	NA	NA	86%
New York	NA	NA	NA	NA	87%
Pennsylvania	NA	NA	NA	NA	86%

\* In 2007, LDL-C screening and control criteria were restricted to require testing during the measurement year, therefore results for this measure cannot be trended to prior years' results.

**Comprehensive Diabetes Care, Continued from previous page.....**

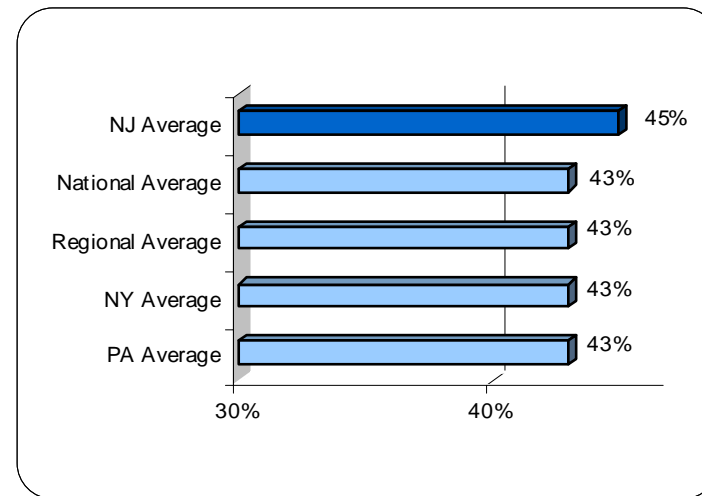
**Comprehensive Diabetes Care: LDL-C Level < 100 mg/dL (Data Year 2006 or Prior Year)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>45%</b>	
Aetna	45%	●
AmeriHealth	43%	●
CIGNA	50%	●
Health Net	43%	●
Horizon	51%	●
Oxford	39%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Comprehensive Diabetes Care for LDL-C Level**

National	Regional	NY	PA
●	○	●	●



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
New Jersey	NA	NA	NA	NA	45%
Nation	NA	NA	NA	NA	43%
Region (NJ, NY & PA)	NA	NA	NA	NA	43%
New York	NA	NA	NA	NA	43%
Pennsylvania	NA	NA	NA	NA	43%

\* In 2007, LDL-C screening and control criteria were restricted to require testing during the measurement year, therefore results for this measure cannot be trended to prior years' results.

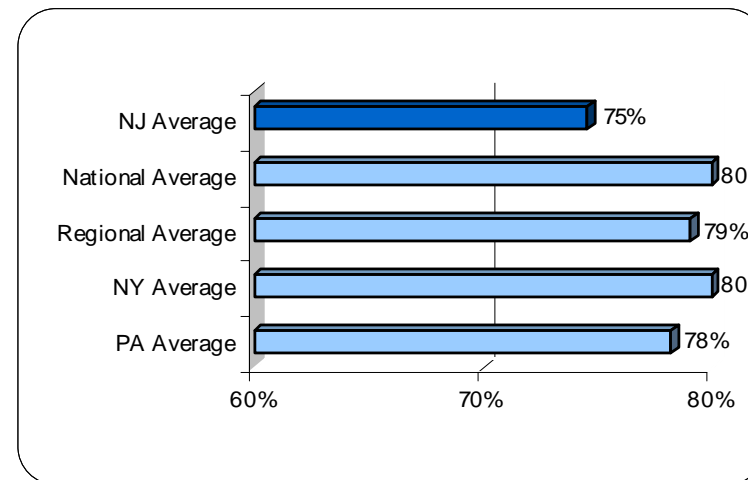
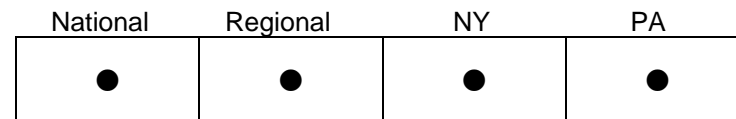
**Comprehensive Diabetes Care**, Continued from previous page.....

**Comprehensive Diabetes Care: Kidney Disease (nephropathy) Monitored** (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>75%</b>	
Aetna	72%	◐
AmeriHealth	79%	●
CIGNA	73%	◐
Health Net	67%	○
Horizon	78%	●
Oxford	77%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Comprehensive Diabetes Care for Kidney Disease**



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
New Jersey	NA	NA	NA	NA	<b>75%</b>
Nation	NA	NA	NA	NA	80%
Region (NJ, NY & PA)	NA	NA	NA	NA	79%
New York	NA	NA	NA	NA	80%
Pennsylvania	NA	NA	NA	NA	78%

\* Due to measure specification changes in 2007 to clarify requirements for nephropathy screening, results for this measure cannot be trended to prior years' results.

## Use of Appropriate Medications for People with Asthma Ages 5-56

Percent of members 5-56 years of age during measurement year, continuously enrolled during the year 2006, identified as having persistent asthma in the prior year, who had at least one dispensed prescription for asthma medication. Reported for each of three age stratifications and as a combined rate:

- ↳ 5-9 Years Old
- ↳ 10-17 Years Old
- ↳ 18-56 Years Old
- ↳ 5-56 Combined Rate

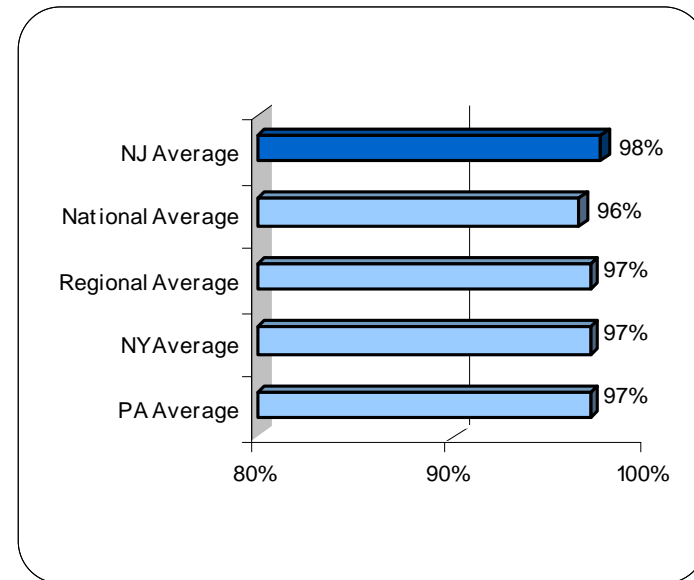
## Use of Appropriate Medications for Children with Asthma Ages 5-9 (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>98%</b>	
Aetna	93%	○
AmeriHealth	99%	●
CIGNA	99%	●
Health Net	98%	●
Horizon	98%	●
Oxford	98%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Asthma for Children Ages 5-9

National	Regional	NY	PA
○	●	●	●



## Five -Year Trends

Geographic Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>65%</b>	<b>74%</b>	<b>75%</b>	<b>96%</b>	<b>98%</b>
Nation	70%	72%	76%	96%	96%
Region (NJ, NY & PA)	69%	75%	76%	96%	97%
New York	68%	75%	76%	96%	97%
Pennsylvania	73%	76%	77%	96%	97%



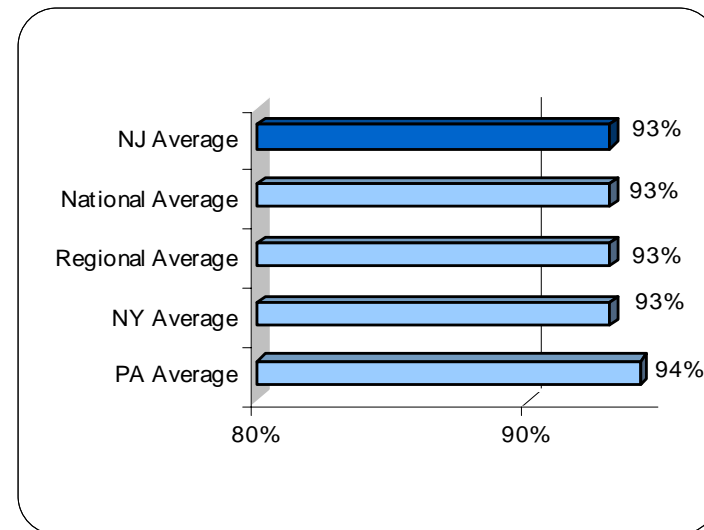
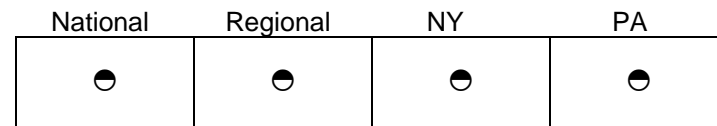
**Use of Appropriate Medications for People with Asthma Ages 5-56, Continued from previous page.....**

**Use of Appropriate Medications for Children with Asthma Ages 10-17 (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>93%</b>	
Aetna	92%	○
AmeriHealth	92%	○
CIGNA	95%	○
Health Net	97%	●
Horizon	91%	○
Oxford	92%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Asthma for Children Ages 10-17**



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>62%</b>	<b>71%</b>	<b>70%</b>	<b>92%</b>	<b>93%</b>
Nation	65%	68%	70%	92%	93%
Region (NJ, NY & PA)	65%	70%	70%	92%	93%
New York	64%	69%	69%	92%	93%
Pennsylvania	67%	72%	72%	92%	94%

**Use of Appropriate Medications for People with Asthma Ages 5-56, Continued from previous page.....**

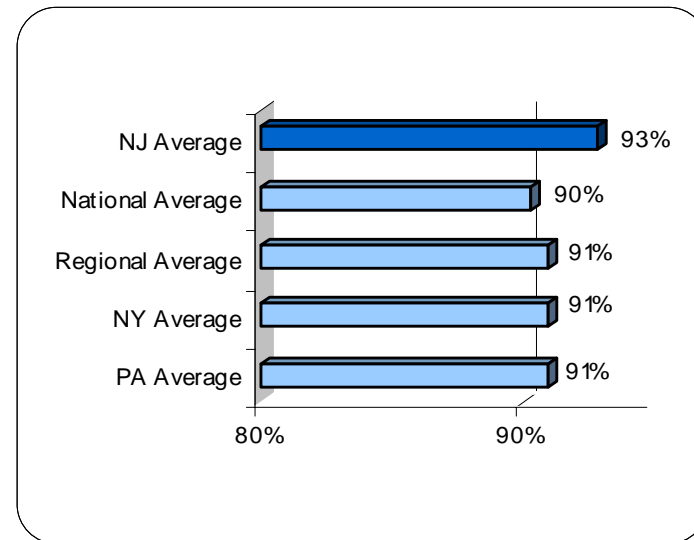
**Use of Appropriate Medications for Adults with Asthma Ages 18-56 (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>93%</b>	
Aetna	89%	○
AmeriHealth	92%	◐
CIGNA	93%	◐
Health Net	94%	◐
Horizon	97%	●
Oxford	94%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Asthma for Adults Ages 18-56**

National	Regional	NY	PA
○	○	○	○



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>67%</b>	<b>73%</b>	<b>73%</b>	<b>90%</b>	<b>93%</b>
Nation	69%	72%	74%	89%	90%
Region (NJ, NY & PA)	69%	75%	75%	90%	91%
New York	68%	75%	75%	89%	91%
Pennsylvania	71%	76%	76%	90%	91%

**Use of Appropriate Medications for People with Asthma Ages 5-56, Continued from previous page.....**

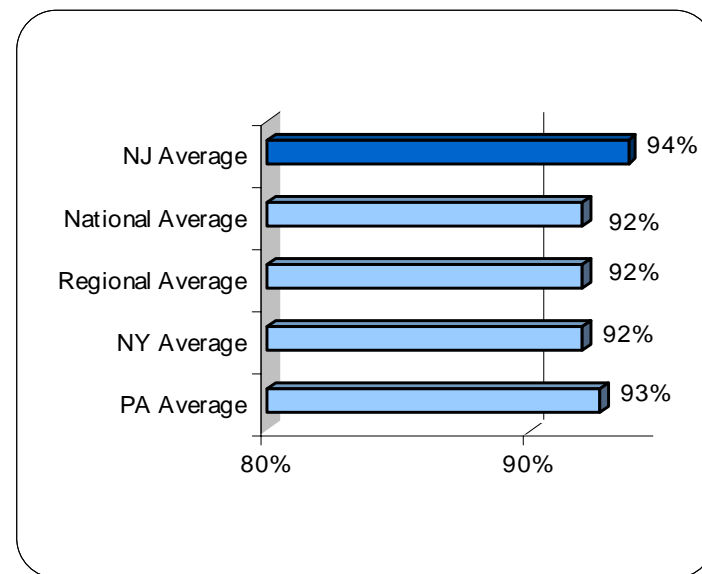
**Use of Appropriate Medications for people with Asthma Ages 5-56 (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>94%</b>	
Aetna	90%	○
AmeriHealth	93%	◐
CIGNA	94%	◑
Health Net	95%	●
Horizon	96%	●
Oxford	94%	◑

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Combined Rate of Asthma for Ages 5-56**

National	Regional	NY	PA
○	○	○	○



**Five-Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>64%</b>	<b>72%</b>	<b>71%</b>	<b>92%</b>	<b>94%</b>
Nation	68%	71%	73%	90%	92%
Region (NJ, NY & PA)	68%	74%	74%	91%	92%
New York	67%	74%	74%	91%	92%
Pennsylvania	70%	75%	75%	91%	93%

## Follow-Up After Hospitalization for Mental Illness

The percent of members six years and older (on date of hospital discharge) who were hospitalized in an acute care facility for treatment of selected mental health disorders, and continuously enrolled for 30 days after discharge, who were seen by a mental health provider within 30 days for follow-up and who had an ambulatory or day/night mental health visit within 7 days of hospital discharge:

- Within 30 Days After Hospital Discharge
- Within 7 Days After Hospital Discharge

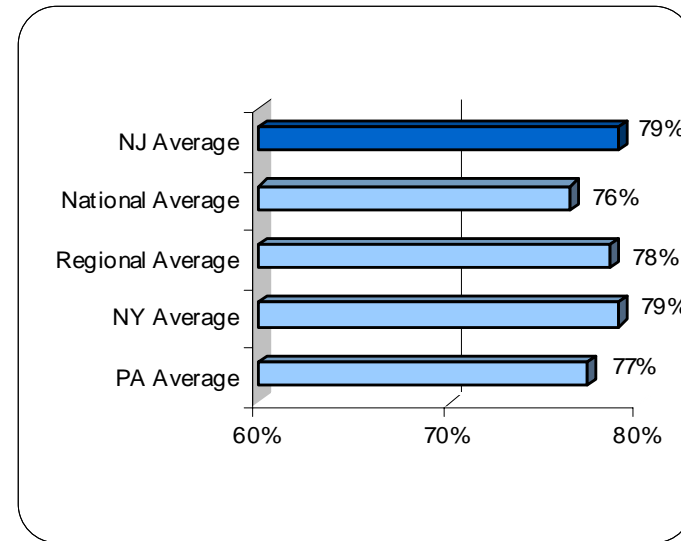
### Follow-Up After Hospitalization for Mental Illness: Within 30 Days After Hospital Discharge (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>79%</b>	
Aetna	75%	○
AmeriHealth	79%	◐
CIGNA	78%	◐
Health Net	83%	◐
Horizon	87%	●
Oxford	70%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Follow-Up After Hospitalization for Mental Illness: Within 30 Days After Hospital Discharge

National	Regional	NY	PA
○	◐	◐	◐



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>73%</b>	<b>75%</b>	<b>76%</b>	<b>78%</b>	<b>79%</b>
Nation	74%	74%	76%	76%	76%
Region (NJ, NY & PA)	74%	76%	78%	78%	78%
New York	75%	77%	78%	78%	79%
Pennsylvania	72%	74%	78%	78%	77%

**Follow-Up After Hospitalization for Mental Illness,**  
Continued from previous page .....

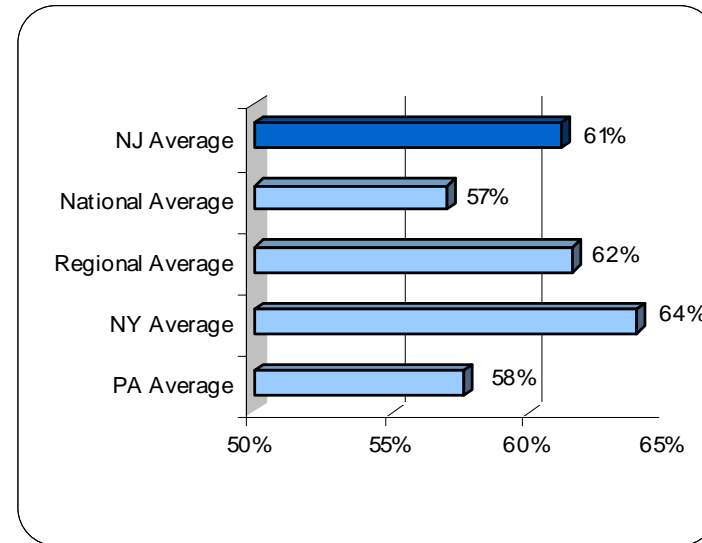
**Follow-Up After Hospitalization for Mental Illness: Within 7 Days After Hospital Discharge (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>61%</b>	
Aetna	60%	●
AmeriHealth	66%	●
CIGNA	60%	●
Health Net	64%	●
Horizon	67%	●
Oxford	52%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Follow-Up After Hospitalization for Mental Illness: Within 7 Days After Hospital Discharge**

National	Regional	NY	PA
○	●	●	●



**Five-Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>52%</b>	<b>55%</b>	<b>58%</b>	<b>62%</b>	<b>61%</b>
Nation	53%	54%	56%	56%	57%
Region (NJ, NY & PA)	56%	58%	61%	62%	62%
New York	61%	62%	62%	65%	64%
Pennsylvania	51%	54%	59%	59%	58%

## Antidepressant Medication Management

Percent of members 18 and older as of April 30 of the measurement year 2006 and who were diagnosed with a new episode of depression, treated with antidepressant medications, and who had:

- Optimal Practitioner Contacts for Medication Management (3 or more visits)
- Effective Acute Phase Treatment (84 days)
- Effective Continuation Phase Treatment (180 days)

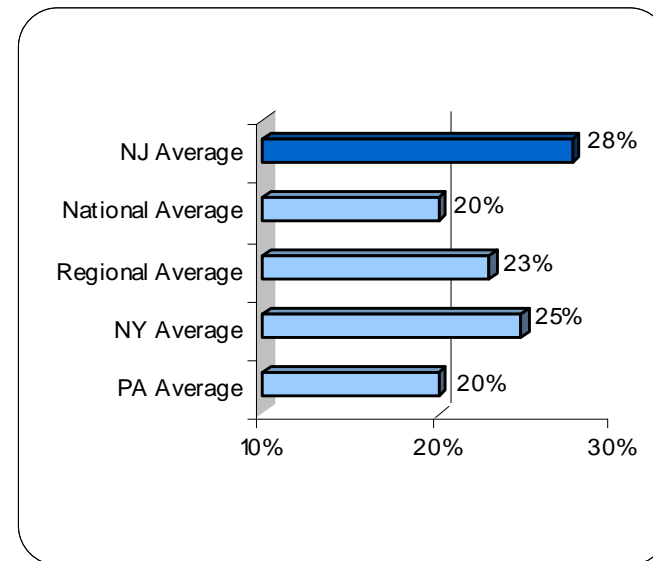
### Antidepressant Medication Management: Optimal Practitioner Contacts (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>28%</b>	
Aetna	24%	○
AmeriHealth	11%	○
CIGNA	27%	◐
Health Net	36%	●
Horizon	40%	●
Oxford	28%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Antidepressant Medication Management: Optimal Practitioner Contacts

National	Regional	NY	PA
○	○	◐	○



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>23%</b>	<b>26%</b>	<b>27%</b>	<b>30%</b>	<b>28%</b>
Nation	19%	20%	20%	21%	20%
Region (NJ, NY & PA)	23%	23%	23%	25%	23%
New York	25%	24%	26%	26%	25%
Pennsylvania	20%	19%	17%	19%	20%

**Antidepressant Medication Management, Continued**  
from previous page.....

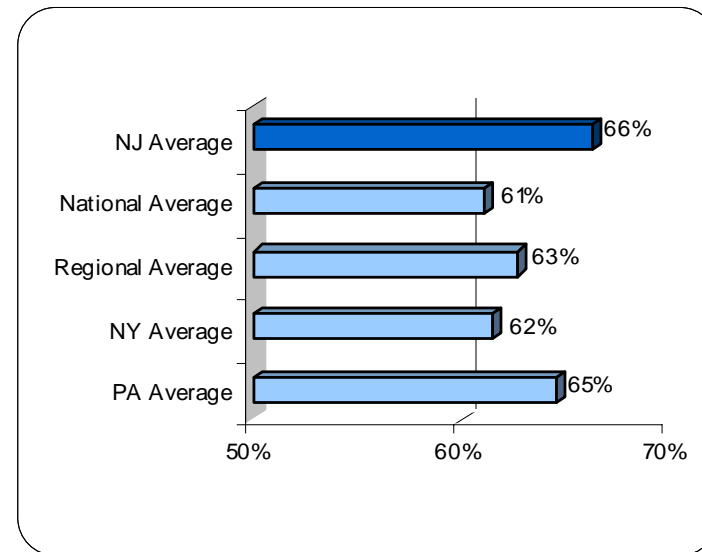
**Antidepressant Medication Management: Effective Acute Phase Treatment (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>66%</b>	
Aetna	66%	●
AmeriHealth	70%	●
CIGNA	68%	●
Health Net	67%	●
Horizon	70%	●
Oxford	58%	○

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Antidepressant Medication Management: Effective Acute Phase Treatment**

National	Regional	NY	PA
○	○	○	●



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>58%</b>	<b>61%</b>	<b>63%</b>	<b>63%</b>	<b>66%</b>
Nation	60%	61%	61%	61%	61%
Region (NJ, NY & PA)	60%	61%	62%	62%	63%
New York	60%	60%	60%	60%	62%
Pennsylvania	61%	64%	64%	64%	65%

**Antidepressant Medication Management, Continued**  
from previous page.....

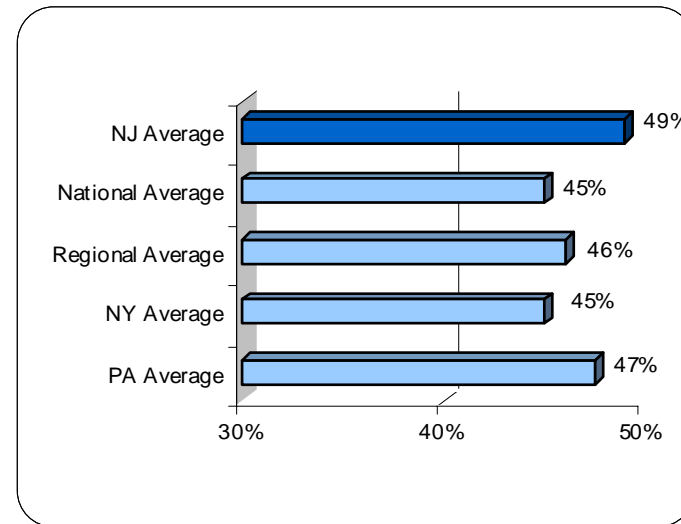
**Antidepressant Medication Management: Effective Continuation Phase Treatment (Data Year 2006)**

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>49%</b>	
Aetna	51%	●
AmeriHealth	42%	◐
CIGNA	51%	◐
Health Net	55%	●
Horizon	52%	◐
Oxford	43%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Effective Continuation Phase Treatment**

National	Regional	NY	PA
○	◐	○	◐



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	<b>40%</b>	<b>45%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>
Nation	43%	44%	44%	45%	45%
Region (NJ, NY & PA)	43%	45%	46%	46%	46%
New York	43%	44%	44%	44%	45%
Pennsylvania	46%	48%	49%	48%	47%



## D. Access/Availability of Care



## Access/Availability of Care

### Comparison of NJ Statewide Averages for HEDIS Measures, 2006 -2007

HEDIS Measures	2006 Rate	2007 Rate	Change	Significance*
Adults' Access to Preventive/Ambulatory Health Services, Ages 20-44	NA	92%	NA	NA
Adults' Access to Preventive/Ambulatory Health Services, Ages 45-64	NA	93%	NA	NA
Adults' Access to Preventive/Ambulatory Health Services, Ages 65+	NA	95%	NA	NA
Childrens' Access to Primary Care Practitioners, Ages 12-24 Months	NA	96%	NA	NA
Childrens' Access to Primary Care Practitioners, Ages 25 Months to 6 Years	NA	91%	NA	NA
Childrens' Access to Primary Care Practitioners, Ages 7-11 Years	NA	91%	NA	NA
Timeliness of Prenatal Care	95%	95%	0%	↔ no change
Timeliness of Postpartum Care	82%	78%	-4%	↓ declined

NA – Not Applicable (In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.)

\* Differences are statistically significant at the 0.05 level

## Adults' Access to Preventive /Ambulatory Health Services

The percentage of enrollees age 20-44, 45-64 and 65 years and older as of December 31 of the measurement year (each cohort reported separately) and who had an ambulatory or preventive care visit.

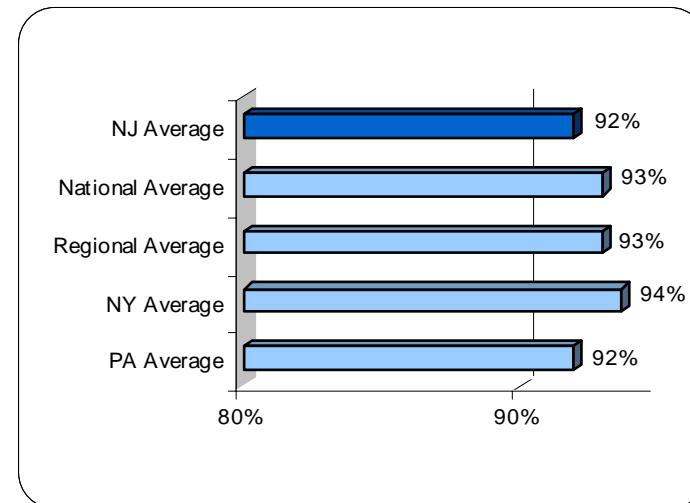
### Ambulatory Care Visits: Ages 20-44 (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>92%</b>	
Aetna	93%	●
AmeriHealth	90%	○
CIGNA	92%	●
Health Net	95%	●
Horizon	86%	○
Oxford	94%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Ambulatory Care Visits: Ages 20-44

National	Regional	NY	PA
●	●	●	◐



### Five -Year Trends \*

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	<b>92%</b>
Nation	NA	NA	NA	NA	93%
Region (NJ, NY & PA)	NA	NA	NA	NA	93%
New York	NA	NA	NA	NA	94%
Pennsylvania	NA	NA	NA	NA	92%

\* In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.

**Adults' Access to Preventive/Ambulatory Health Services:** Continued from previous page .....

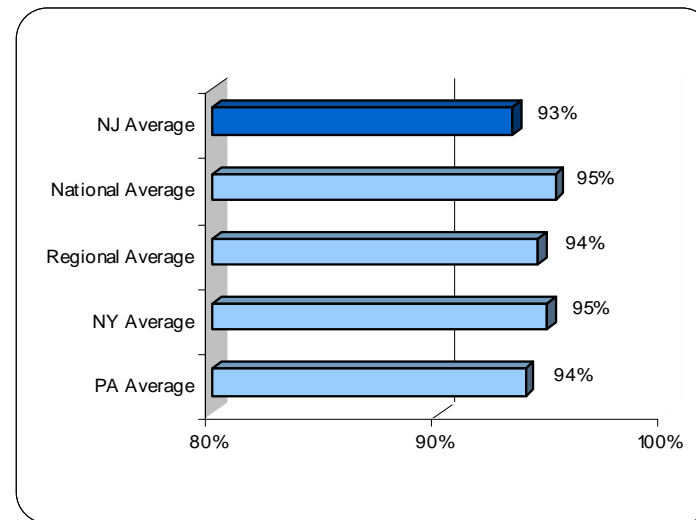
**Ambulatory Care Visits: Ages 45-64**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	93%	
Aetna	94%	●
AmeriHealth	92%	○
CIGNA	93%	◐
Health Net	95%	●
Horizon	92%	○
Oxford	94%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Ambulatory Care Visits: Ages 45-64 for**

National	Regional	NY	PA
●	●	●	◐



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
New Jersey	NA	NA	NA	NA	93%
Nation	NA	NA	NA	NA	95%
Region (NJ, NY & PA)	NA	NA	NA	NA	94%
New York	NA	NA	NA	NA	95%
Pennsylvania	NA	NA	NA	NA	94%

\* In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.

**Adults' Access to Preventive/Ambulatory Health Services:** Continued from previous page.....

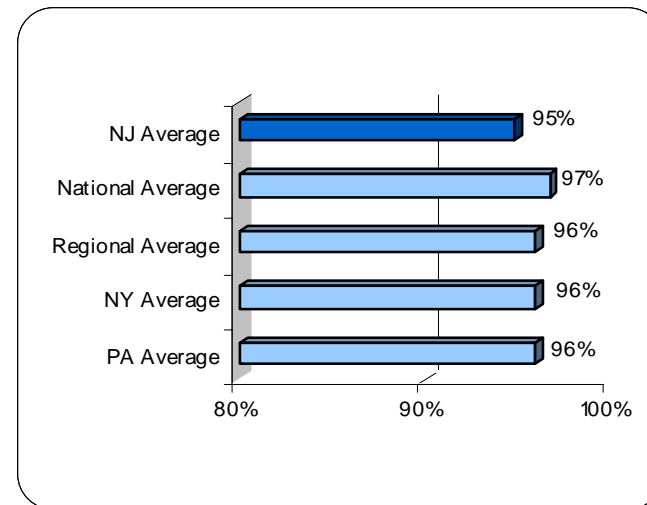
**Ambulatory Care Visits: Ages 65+**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	95%	
Aetna	95%	●
AmeriHealth	95%	●
CIGNA	95%	●
Health Net	96%	●
Horizon	91%	○
Oxford	96%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Ambulatory Care Visits: Ages 65+**

National	Regional	NY	PA
●	●	●	●



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
New Jersey	NA	NA	NA	NA	95%
Nation	NA	NA	NA	NA	97%
Region (NJ, NY & PA)	NA	NA	NA	NA	96%
New York	NA	NA	NA	NA	96%
Pennsylvania	NA	NA	NA	NA	96%

\* In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.

## Ambulatory Care Visits\Children's Access to Primary Care Provider

The percentage of enrollees age 12 months to 11 years as of December 31 of the measurement year and who had a visit with an MCO Primary Care provider in the measurement year. The age groups are divided into three cohorts:

- ↪ 12 to 24 months as of December 31 of the measurement year and no more than one gap in enrollment of up to 45 days during the measurement year.
- ↪ 25 months to six years as of December 31 of the measurement year and no more than one gap in enrollment of up to 45 days during the measurement year.
- ↪ 7 to 11 years as of December 31 of the measurement year (for example: born on or between January 1, 1995 - December 31, 1999) and no more than one gap in enrollment of up to 45 days during each year of continuous enrollment.

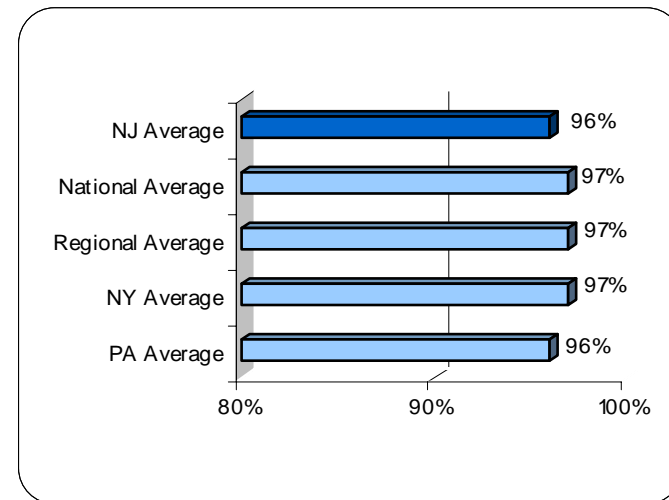
### Ambulatory Care Visits : Age 12-24 Months (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	96%	
Aetna	97%	●
AmeriHealth	97%	◐
CIGNA	97%	●
Health Net	97%	●
Horizon	90%	○
Oxford	99%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Ambulatory Care Visits : Age 12-24 Months

National	Regional	NY	PA
●	◐	●	◐



### Five -Year Trends \*

Geographical Area	2003	2004	2005	2006	2007
New Jersey	NA	NA	NA	NA	96%
Nation	NA	NA	NA	NA	97%
Region (NJ, NY & PA)	NA	NA	NA	NA	97%
New York	NA	NA	NA	NA	97%
Pennsylvania	NA	NA	NA	NA	96%

\* In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.

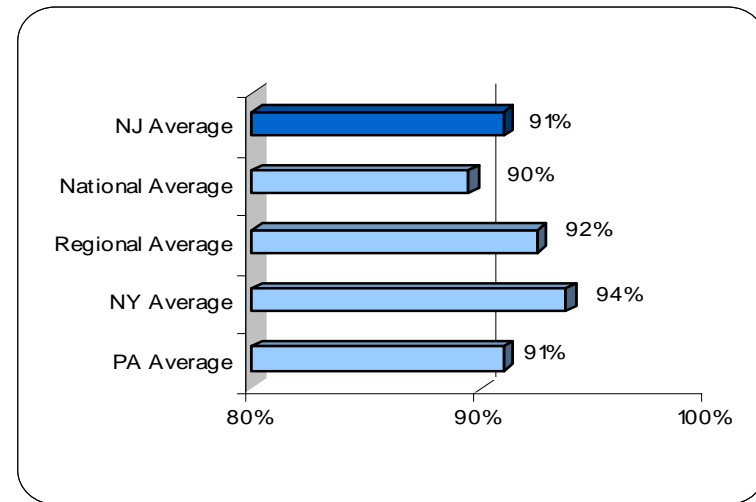
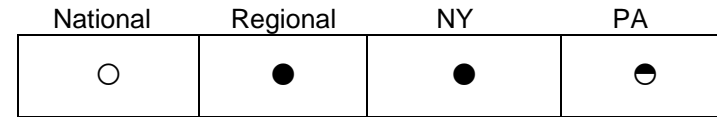
**Ambulatory Care Visits\Children's Access to Primary Care Provider:** Continued from previous page.....

**Ambulatory Care Visits : Age 25 Months to 6 Years**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	91%	
Aetna	92%	●
AmeriHealth	89%	○
CIGNA	93%	●
Health Net	95%	●
Horizon	83%	○
Oxford	95%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Ambulatory Care Visits: Age 25 Months to 6 Years**



**Five -Years Trends \***

Geographical Area	2003	2004	2005	2006	2007
New Jersey	NA	NA	NA	NA	91%
Nation	NA	NA	NA	NA	90%
Region (NJ, NY & PA)	NA	NA	NA	NA	92%
New York	NA	NA	NA	NA	94%
Pennsylvania	NA	NA	NA	NA	91%

\* In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.



**Ambulatory Care Visits \ Children's Access to Primary Care Provider:** Continued from previous page.....

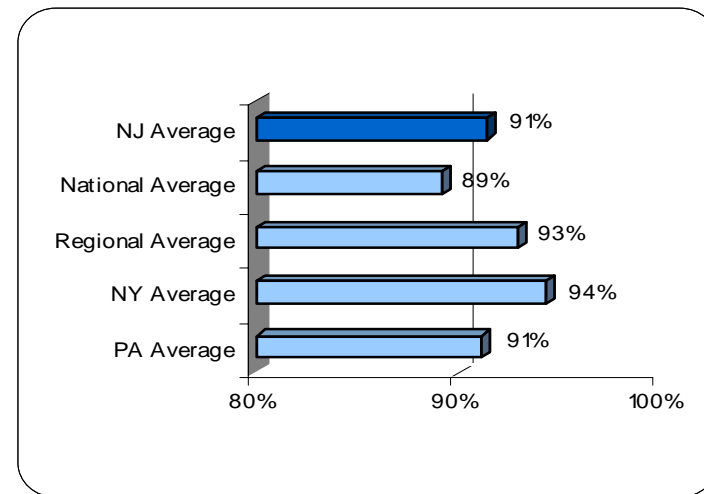
**Ambulatory Care Visits: Age 7-11 Years**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	91%	
Aetna	91%	●
AmeriHealth	89%	○
CIGNA	93%	●
Health Net	96%	●
Horizon	84%	○
Oxford	96%	●

- Higher than the New Jersey HMO average
- About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Ambulatory Care Visits : Age 7-11 Years**

National	Regional	NY	PA
○	●	●	●



**Five -Year Trends \***

Geographical Area	2003	2004	2005	2006	2007
<b>New Jersey</b>	NA	NA	NA	NA	91%
Nation	NA	NA	NA	NA	89%
Region (NJ, NY & PA)	NA	NA	NA	NA	93%
New York	NA	NA	NA	NA	94%
Pennsylvania	NA	NA	NA	NA	91%

\* In 2007, significant changes were made to the measure specification to delete the chemical dependency service exclusions. Results cannot be trended to prior years' data.

## Prenatal and Postpartum Care

The percentage of women who delivered a live birth between November 6, 2005 and November 5, 2006 and who were continuously enrolled at least 43 days prior to delivery through 56 days after delivery. This measure includes two rates:

- ↳ Timeliness of Prenatal Care - The percentage of women who received a prenatal care visit as a member of the MCO in the first trimester or within 42 days of enrollment in the health plan.
- ↳ Postpartum Care - The percentage of women who had a postpartum visit on or between 21 days and 56 days after delivery.

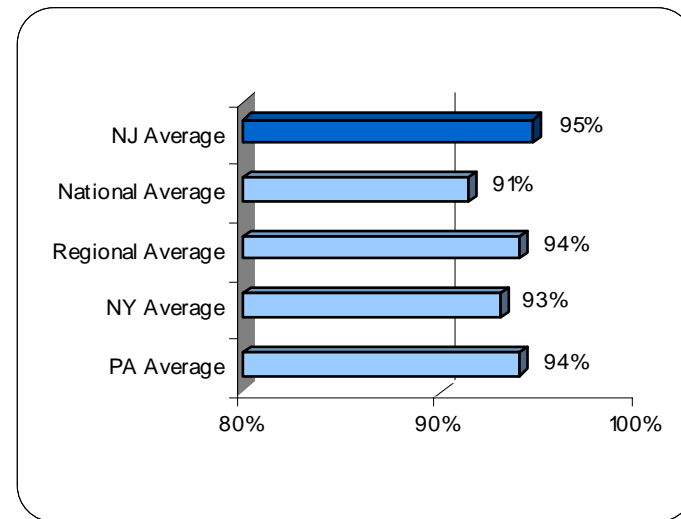
### Timeliness of Prenatal Care (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	95%	
Aetna	96%	●
AmeriHealth	92%	◐
CIGNA	97%	●
Health Net	96%	◐
Horizon	99%	●
Oxford	90%	○

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Timeliness of Prenatal Care

National	Regional	NY	PA
○	◐	○	◐



## Five-Year Trends

Geographical Area	2003	2004	2005	2006	2007
New Jersey	89%	91%	94%	94%	95%
Nation	87%	89%	91%	92%	91%
Region (NJ, NY & PA)	90%	92%	93%	94%	94%
New York	90%	93%	93%	93%	93%
Pennsylvania	91%	92%	94%	94%	94%

**Prenatal and Postpartum Care:** Continued from previous page.....

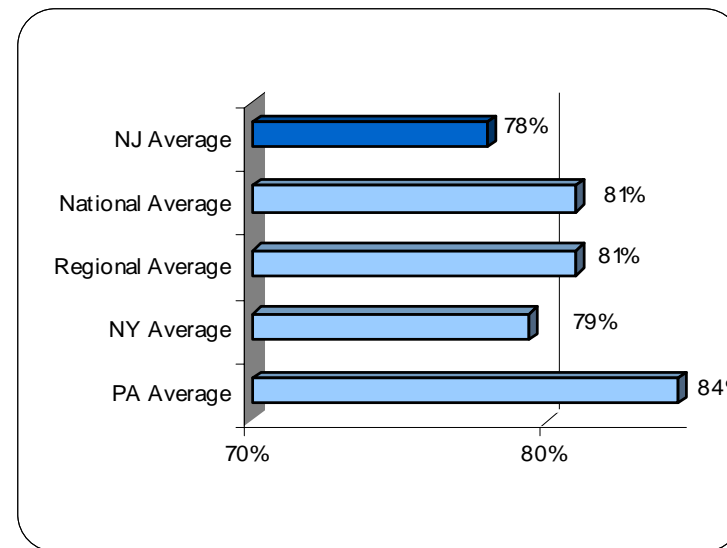
**Timeliness of Postpartum Care**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	78%	
Aetna	76%	◐
AmeriHealth	82%	◑
CIGNA	81%	◑
Health Net	78%	◑
Horizon	88%	●
Oxford	66%	○

- Higher than the New Jersey HMO average
- ◑ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

**New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Postpartum Care**

National	Regional	NY	PA
●	●	◐	●



**Five -Year Trends**

Geographical Area	2003	2004	2005	2006	2007
New Jersey	74%	76%	78%	79%	78%
Nation	77%	80%	81%	81%	81%
Region (NJ, NY & PA)	77%	79%	81%	81%	81%
New York	77%	79%	80%	81%	79%
Pennsylvania	81%	83%	83%	85%	84%



## E. Use of Services



## Use of Services

### Comparison of NJ Statewide Averages for HEDIS Measures, 2006-2007

HEDIS Measure	2006 Rate	2007 Rate	Change	Significance*
Well-Child Visits in the First 15 Months of Life	75%	79%	4%	↑ Improved
Well-Child Visits in the 3rd, 4th, 5th & 6th Years	77%	79%	2%	↑ Improved
Adolescent Well-Care Visits - Ages 12-21	51%	53%	2%	↑ Improved

\* Differences are statistically significant at the 0.05 level

### Well-Child Visits in the First 15 Months of Life

The percentage of enrolled members who turned 15 months old during the measurement year and were continuously enrolled in the MCO from age 31 days of age, and who received six or more well-child visits with a primary care practitioner during their first 15 months of life.

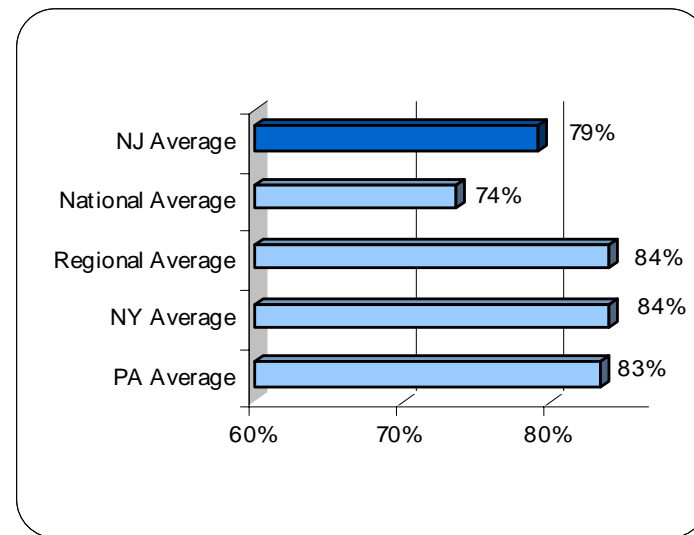
#### Well-Child Visits in the First 15 Months of Life (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>79%</b>	
Aetna	58%	○
AmeriHealth	88%	●
CIGNA	80%	◐
Health Net	81%	◐
Horizon	88%	●
Oxford	80%	◐

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

### New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Well-Child Visits in the First 15 Months of Life

National	Regional	NY	PA
○	●	●	◐



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
New Jersey	73%	74%	75%	75%	79%
Nation	64%	67%	69%	71%	74%
Region (NJ, NY & PA)	75%	77%	78%	79%	84%
New York	79%	80%	82%	82%	84%
Pennsylvania	75%	79%	80%	81%	83%



### Well-Child Visits in the 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup>, and 6<sup>th</sup> Years of Life

The percentage of members who were age three to six years as of December 31 of the measurement year and continuously enrolled during the measurement year, and who received one or more well-child visits with a primary care practitioner during the measurement year.

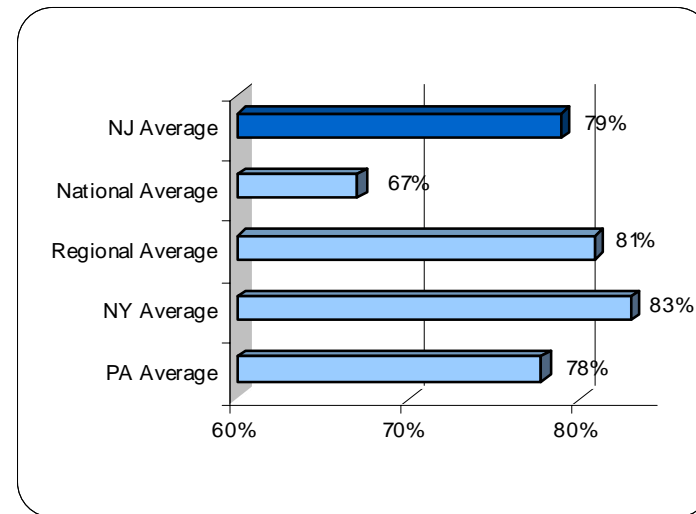
**Well-Child Visits Ages 3-6**  
(Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>79%</b>	
Aetna	75%	○
AmeriHealth	78%	◐
CIGNA	78%	○
Health Net	81%	●
Horizon	82%	●
Oxford	81%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

### New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Well-Child Visits Age 3-6 Years

National	Regional	NY	PA
○	●	●	◐



### Five -Year Trends

Geographical Area	2003	2004	2005	2006	2007
New Jersey	73%	75%	76%	77%	79%
Nation	60%	63%	64%	66%	67%
Region (NJ, NY & PA)	75%	77%	79%	79%	81%
New York	80%	81%	83%	83%	83%
Pennsylvania	72%	73%	76%	77%	78%

## Adolescent Well-Care Visits

Percentage of enrolled members age 12-21 years as of December 31, 2005, continuously enrolled during the measurement year and who had at least one comprehensive well-care visit with a primary care practitioner or an OB/GYN practitioner during the measurement year.

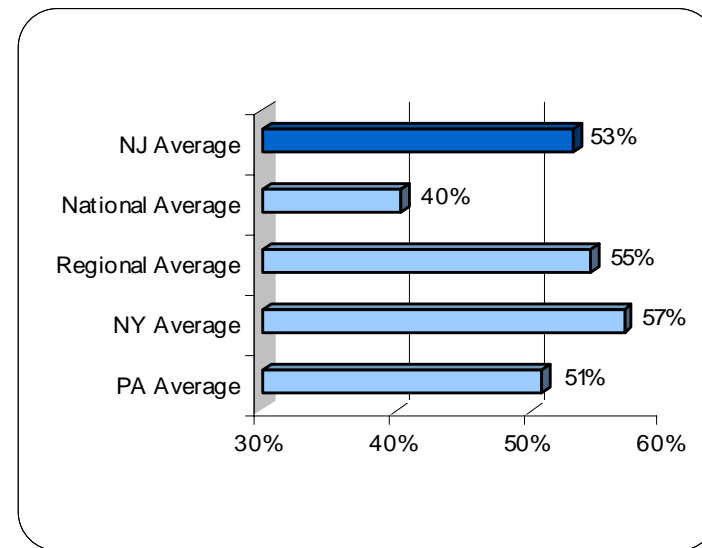
### Adolescent Well-Care Visits (Data Year 2006)

HMO	Rate	Individual HMO Compared to State Average
<b>NJ State Average</b>	<b>53%</b>	
Aetna	48%	○
AmeriHealth	49%	○
CIGNA	51%	○
Health Net	57%	●
Horizon	59%	●
Oxford	55%	●

- Higher than the New Jersey HMO average
- ◐ About the same as New Jersey HMO average
- Lower than the New Jersey HMO average

## New Jersey HMO Performance Compared with National, Regional, and Neighboring States for Adolescent Well-Care Visits

National	Regional	NY	PA
○	◐	●	◐



## Five-Year Trends

Geographical Area	2003	2004	2005	2006	2007
New Jersey	47%	52%	50%	50%	53%
Nation	36%	37%	38%	39%	40%
Region (NJ, NY & PA)	47%	49%	51%	52%	55%
New York	49%	52%	54%	55%	57%
Pennsylvania	43%	45%	47%	49%	51%

## Inpatient Utilization – General Hospital/Acute Care

This measure summarizes utilization of acute inpatient services in the following categories:

- ↳ Total services
- ↳ Medicine
- ↳ Surgery
- ↳ Maternity

However, non-acute care, mental health, chemical dependency services and newborn services are excluded.

HMO	Discharge/ 1000 members				Average Length of Stay (Days)			
	Total	Medicine	Surgery	Maternity	Total	Medicine	Surgery	Maternity
NJ State Average	60.4	25.6	20.5	16.8	3.6	3.3	4.3	3.0
Aetna	60.8	26.9	21.2	14.8	3.4	3.0	4.1	3.0
AmeriHealth	69.8	26.0	30.8	15.2	3.6	2.8	4.4	3.2
CIGNA	56.4	25.5	16.3	17.5	3.5	3.3	4.1	3.0
Health Net	54.8	21.7	19.3	16.9	3.7	3.3	4.6	3.0
Horizon	61.0	29.1	18.3	15.8	3.9	3.9	4.5	2.9
Oxford	59.8	24.5	17.3	20.7	3.5	3.6	3.9	3.0

### New Jersey Performance Compared with National, Regional and Neighboring States for Inpatient Utilization – General Hospital / Acute

Geography	Discharge/ 1000 members				Average Length of Stay (Days)			
	Total	Medicine	Surgery	Maternity	Total	Medicine	Surgery	Maternity
<b>NJ Average</b>	<b>60.4</b>	<b>25.6</b>	<b>20.5</b>	<b>16.8</b>	<b>3.6</b>	<b>3.3</b>	<b>4.3</b>	<b>3.0</b>
National Average	56.7	23.0	20.0	16.0	3.6	3.5	4.3	2.7
Regional Average	57.6	24.8	20.3	14.6	3.7	3.5	4.4	2.9
NY Average	55.2	24.0	18.8	14.5	3.8	3.6	4.8	2.9
PA Average	59.5	25.5	22.5	13.6	3.6	3.5	4.1	2.8

## Ambulatory Care

This measure summarizes utilization of ambulatory services in the following categories:

- Outpatient Visits include after-hours, non-emergency urgent care, nursing home visits, and office-based surgical procedures. Outpatient Visits exclude inpatient stays, emergency room visits, and mental health and chemical dependency services.
- Emergency Department Visits include each visit to an ED that does not result in an inpatient stay, regardless of the intensity of care required during the stay or the length of stay.
- Ambulatory Surgery/Procedures are performed in a hospital outpatient facility or freestanding surgery center. Office-based surgeries/procedures are not counted in this category.
- Observation Room Stays include each stay in an observation room that does not result in an inpatient stay, regardless of the intensity of care required during the stay or the length of time spent.

### Ambulatory Care Visits (Data Year 2006)

HMO	Outpatient Visits/1000 Member Years	Emergency Dept. Visits/1000 Member Years	Ambulatory Surgery Procedures/1000 Member Years	Observation Room Stays/1000 Member Years
NJ State Average	3928.5	185.9	115.6	7.6
Aetna	4054.3	198.0	116.1	11.1
AmeriHealth	2812.8	194.9	124.7	11.4
CIGNA	4332.3	173.3	102.0	3.4
Health Net	4414.8	179.3	132.3	4.8
Horizon	3679.7	186.4	116.2	6.7
Oxford	4276.9	183.3	102.5	8.4

### New Jersey Performance Compared with National, Regional and Neighboring States for Ambulatory Care Visits

Geography	Outpatient Visits/1000 Member Years	Emergency Dept. Visits/1000 Member Years	Ambulatory Surgery /1000 Member Years	Observation Room Stays/1000 Member Years
NJ Average	3928.5	185.9	115.6	7.6
National Average	3560.7	200.5	125.9	9.9
Regional Average	3923.9	197.3	122.3	6.9
NY Average	4330.2	179.8	115.7	4.9
PA Average	3337.0	229.2	136.0	8.8

## Maternity Care – Discharges and Length of Stay

This measure summarizes utilization information on maternity-related care for enrolled females who had live births during the measurement year. This information is reported for total deliveries, vaginal deliveries and Cesarean section (C-section) deliveries during the reporting year and how long the women stayed in the hospital after delivery.

### Maternity Care – Discharges and Length of Stay (Data Year 2006)

HMO	Discharge/ 1000 Female Members			Average Length of Stay (Days)		
	Discharges	Vaginal	Cesarean	Deliveries	Vaginal	Cesarean
<b>NJ State Average</b>	<b>28.6</b>	<b>18.0</b>	<b>10.6</b>	<b>2.8</b>	<b>2.3</b>	<b>3.7</b>
Aetna	26.3	15.7	10.5	3.0	2.4	4.0
AmeriHealth	26.5	17.3	9.1	1.8	1.6	2.1
CIGNA	30.2	20.4	9.8	3.1	2.5	4.2
Health Net	28.2	17.7	10.5	3.0	2.3	4.1
Horizon	24.3	14.6	9.6	3.0	2.3	4.0
Oxford	36.2	22.5	13.7	3.1	2.4	4.1

### New Jersey Performance Compared with National, Regional and Neighboring States for Maternity Care – Discharges and Length of Stay

Geography	Discharge/ 1000 Female Members			Average Length of Stay (Days)		
	Discharges	Vaginal	Cesarean	Deliveries	Vaginal	Cesarean
<b>NJ Average</b>	<b>28.6</b>	<b>18.0</b>	<b>10.6</b>	<b>2.8</b>	<b>2.3</b>	<b>3.7</b>
National Average	27.3	18.5	8.9	2.7	2.2	3.6
Regional Average	24.6	16.0	8.6	2.8	2.3	3.8
NY Average	23.8	15.3	8.5	2.9	2.4	3.9
PA Average	23.1	15.9	7.2	2.6	2.3	3.5

## Births and Average Length of Stay (ALOS) for Newborns

This measure summarizes utilization information on newborns discharged during the measurement year. It is defined as care provided from birth to discharge to home. If a newborn is transferred from one hospital to another hospital and has never gone home, the care is still newborn care.

### Newborns: Births and Average Length of Stay (Data year 2006)

HMO	Total Newborn Discharges	Total Newborn Discharges/1000 Member Years	Total Newborn ALOS (days)
<b>NJ State Average</b>	<b>2997</b>	<b>12.5</b>	<b>3.4</b>
Aetna	6518	8.1	4.2
AmeriHealth	1611	12.1	1.9
CIGNA	2460	13.9	3.4
Health Net	1864	12.6	3.9
Horizon	1966	12.3	3.4
Oxford	3564	16.2	3.9

### New Jersey Performance Compared with National, Regional and Neighboring States for Newborns: Births and Average Length of Stay

Geography	Total Newborn Discharges/1000 Member Years	Total Newborn ALOS (days)
<b>NJ Average</b>	<b>12.5</b>	<b>3.4</b>
National Average	12.3	3.3
Regional Average	11.0	3.4
NY Average	10.5	3.6
PA Average	11.4	3.0

### Mental Health Utilization – Inpatient Discharges and Average Length of Stay (ALOS)

This measure summarizes utilization of inpatient mental health services, by members receiving mental health services and estimates how many hospitalizations for mental health disorders occurred during the measurement year and how long patients stayed in the hospital, on average. Rates are per 1,000 members with mental health coverage.

#### Mental Health Utilization – Inpatient Discharges and Average Length of Stay (Data Year 2006)

HMO	Discharges/1000 Members	Average Length of Stay (Days)
<b>NJ State Average</b>	<b>2.7</b>	<b>7.7</b>
Aetna	2.6	7.6
AmeriHealth	2.7	8.6
CIGNA	2.7	8.1
Health Net	2.6	8.0
Horizon	3.1	7.4
Oxford	2.3	6.6

#### New Jersey Performance Compared with National, Regional and Neighboring States for Mental Health Utilization – Inpatient Discharges and Average Length of Stay

Geography	Discharges/1000 Members	Average Length of Stay (Days)
<b>NJ Average</b>	<b>2.7</b>	<b>7.7</b>
National Average	3.2	6.1
Regional Average	2.7	7.4
NY Average	2.5	8.3
PA Average	3.1	6.1

### Mental Health Utilization – Percentage of Members Receiving Inpatient, Day/Night and Ambulatory Services

The percentage and total number of members receiving mental health services during the measurement year in the following categories and reports in each category the total number of members who received the specific services.

- ↳ Any Mental Health Services (inpatient, day/night, ambulatory)
- ↳ Inpatient Mental Health Services
- ↳ Day/Night Mental Health Services and Ambulatory Mental Health Services

#### Mental Health (MH) Utilization – Percentage of Members Receiving Inpatient, Day/Night and Ambulatory Services (Data Year 2006)

HMO	Any MH Services	Inpatient MH Services	Intermediate MH Services	Ambulatory MH Services
<b>NJ State Average</b>	<b>5.41</b>	<b>0.22</b>	<b>0.09</b>	<b>5.36</b>
Aetna	5.74	0.20	0.17	5.71
AmeriHealth	5.68	0.24	0.17	5.62
CIGNA	5.82	0.22	0.05	5.76
Health Net	5.78	0.21	0.11	5.71
Horizon	4.56	0.24	0.03	4.50
Oxford	4.90	0.19	0.03	4.84

#### New Jersey Performance Compared with National, Regional and Neighboring States for Mental Health Utilization – Percentage of Members Receiving Inpatient, Day/Night and Ambulatory Services

Geography	Any MH Services	Inpatient MH Services	Intermediate MH Services	Ambulatory MH Services
NJ Average	5.41	0.22	0.09	5.36
National Average	5.79	0.28	0.05	5.72
Regional Average	5.79	0.22	0.05	5.73
NY Average	6.07	0.20	0.02	6.03
PA Average	5.57	0.25	0.07	5.49



### Chemical Dependency Utilization: Discharges and Average Length of Stay

This measure summarizes utilization of inpatient chemical dependency services, and reports how many hospitalizations for chemical dependency occurred during the measurement year and how long patient stayed in the hospital on average. Rates are per 1000 members with chemical dependency coverage.

#### Chemical Dependency Utilization: Discharges and Average Length of Stay (Data Year 2006)

HMO	Discharges/1000 Members	Average Length of Stay (Days)
<b>NJ State Average</b>	<b>1.95</b>	<b>5.73</b>
Aetna	1.81	6.50
AmeriHealth	NR	6.76
CIGNA	1.76	6.00
Health Net	2.29	5.19
Horizon	2.10	5.91
Oxford	1.80	4.02

NR - Not Reported

#### New Jersey Performance Compared with National, Regional and Neighboring States for Chemical Dependency Utilization: Discharges and Average Length of Stay

Geography	Discharges/1000 Members	Average Length of Stay (Days)
<b>NJ Average</b>	<b>1.95</b>	<b>5.73</b>
National Average	1.38	5.21
Regional Average	1.87	6.05
NY Average	1.56	5.01
PA Average	2.18	7.78

Prepared by Veena Singh