

Performance Analysis:

Healthcare Utilization of CCNC-Enrolled Population 2007-2010

Prepared by Treo Solutions

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Performance Analysis:

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CCNC-Enrolled Population
2007-2010

Section 1: Executive Summary



Executive Summary

Community Care of North Carolina (CCNC) has been managing the care of Medicaid recipients since 1998. Through its 14 Community Care networks covering all 100 counties in the state, CCNC serves more than one million enrollees (one million Medicaid recipients and 70,000 low-income, uninsured residents through the HealthNet Program). Through these regional networks, composed of community physicians, hospitals, and local departments of health and social services, CCNC has established local, community-oriented systems for achieving long-term quality, costs, and utilization goals for the care of Medicaid recipients, including the most costly and chronically ill Medicaid recipients, i.e., the aged, blind and disabled.

Previous studies by Mercer, Milliman, and Treo Solutions have documented substantial cost savings from CCNC. This report investigates CCNC's impact on the utilization of services that gave rise to those cost savings. This Treo Solutions' report focuses on the four-year time period, 2007 – 2010, and includes all Medicaid recipients eligible for the CCNC program (for more details about populations included and excluded in this analysis, see page 26). The report analyzes and compares the utilization of inpatient hospital services, ER visits, primary care physician (PCP) visits, and prescription pharmaceutical use among the Medicaid CCNC-enrolled and unenrolled populations in all three of the CCNC population groups (the Aged Blind and Disabled (ABD), Adult Non-ABD, and Child Non-ABD). The report also examines utilization by population health status—as categorized by illness burden using 3M® Clinical Risk Groups (CRGs)—for both the enrolled and unenrolled populations. A summary of the assumptions and methodology used to calculate these results, including how the population was risk-adjusted to account for illness burden, and an appendix of detailed tables are also included at the end of this report.

Key Findings

Following is a summary of key findings. In addition to these findings, the reader is invited to use this report as a chart book of details on this important program.

The 2007 -2010 healthcare utilization patterns and trends of the populations enrolled in Community Care of North Carolina (CCNC) are consistent with a high-performing primary care medical home. Inpatient and ER utilization are consistently lower for the CCNC-enrolled population while

PCP visits and pharmaceutical prescriptions are higher. **These utilization trends occurred at the same time that the population managed by CCNC increased by 271,000 people, or 48%, and the overall illness burden of the enrolled population increased by 7%** (see page 19).

The Treo Solutions analysis shows favorable utilization patterns among the populations enrolled in CCNC as compared to the unenrolled Medicaid population. Generally, favorable utilization patterns for the CCNC-enrolled population are seen at the: 1) overall population level (enrolled vs. unenrolled), 2) within each CCNC population group (ABD, Adult Non-ABD, and Child Non-ABD), and 3) among specific population health status cohorts as determined by aggregated Clinical Risk Groups (e.g., children with asthma or adults who are categorized as having two or more chronic conditions).

The utilization analysis for populations with similar health status (as categorized by CRG) identifies the specific cohorts that are driving utilization in inpatient admissions, ER visits, PCP visits, and pharmaceutical use. The analysis shows that even among the heaviest users of healthcare services, the CCNC-enrolled population continues to demonstrate a pattern of lower inpatient and ER utilization and higher PCP visit and prescription rates compared to the unenrolled population.

- Service utilization by the Child Non-ABD population demonstrates the pattern of lower inpatient and ER utilization among the enrolled population. Asthma is among the top illness categories for the Child Non-ABD population, for both the enrolled and unenrolled. A closer analysis of asthma by severity levels reveals that **for children with asthma, inpatient admissions and ER visits are consistently lower among the enrolled population. Simultaneously, children with asthma have more PCP visits and the rate of prescription pharmaceutical use is consistently higher among the enrolled population.** (See Appendix Tables 15 – 21, pages 33 – 35)
- The ABD and Adult Non-ABD populations, in particular those individuals with schizophrenia and other moderate chronic diseases, also show utilization patterns consistent with an effective medical home program. Specifically, **a closer analysis of individuals with schizophrenia and other moderate chronic diseases reveals that for both the ABD and Adult Non ABD populations, inpatient admissions and**

Executive Summary

ER visits are consistently lower among the enrolled population while PCP visits and the rate of prescription pharmaceutical use is consistently higher. (See Appendix Tables 1-14, pages 29-33)

- A goal of medical homes is to improve access to care. A key marker of access is the rate of ER use, especially among populations who are generally healthy. Good access to care means that generally healthy individuals receive care for minor acute conditions in their primary care office, not in an ER. CCNC showed success in this area. Enrolled healthy individuals went to the ER at a rate far below the same type of unenrolled Medicaid recipients. Specifically, **when compared to the unenrolled population, the ER visit rate for “healthy” individuals was 40% less among the enrolled Adult Non-ABD population and 19% lower among the enrolled Child Non-ABD population.** (See Appendix Tables 31-36, pages 39-40)

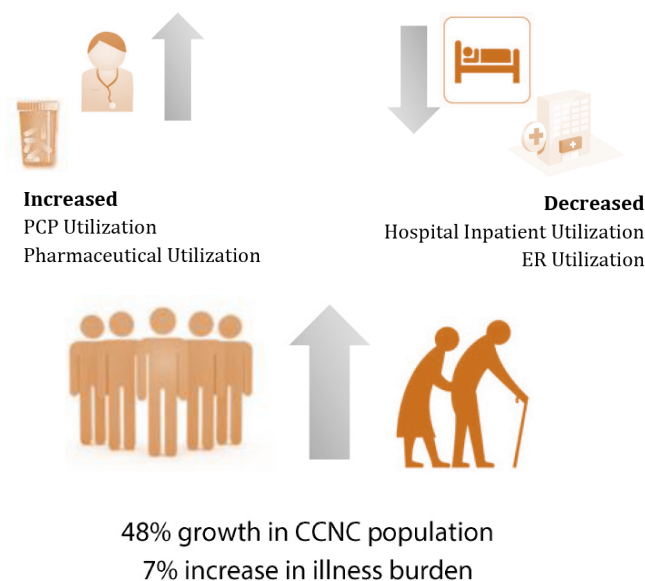
As part of any program evaluation it is critical to understand and control for systematic differences in program participants that could confound an understanding of program impacts. This report has used two strong methods to that end, including actuarial risk adjustment and cohort analyses. These techniques identify and hold constant key variables that might

influence health services utilization: morbidity, age, and sex. Each of these techniques reinforced the essential finding of lower inpatient and ER use among the enrolled.

This report examines the healthcare utilization of the CCNC-enrolled population through a series of key metrics by sub-population (ABD, Adult Non-ABD, and Child Non-ABD).

- Section Two provides a summary and then detailed data about utilization and performance in inpatient services, emergency rooms, and pharmaceuticals. “Performance,” within this report, is defined by comparing results, such as actual and expected admissions, for the enrolled and unenrolled beneficiaries with each sub-population. 3M’s™ Potentially Preventable Admissions and Potentially Preventable Readmissions, explained in more detail on page 27, are used to also gauge performance. A population overview is also provided to show the distribution in risk within each sub-population.
- Sections Three and Four of the report include more detailed information on definitions, assumptions and methodology, and more extensive data tables.

CCNC Displays Key Measures of High-performing Medical Homes



Performance Analysis:

Healthcare Utilization of
CCNC-Enrolled Population
2007-2010

Section 2: Report Details



Inpatient Utilization – ABD Population - Summary

On a risk-adjusted basis, inpatient utilization in the enrolled ABD population has declined while overall complexity has risen. This is true for all initial admissions, 3M™ Potentially Preventable Readmissions, and ambulatory care sensitive admissions.

- Observed rates for the enrolled are consistently 15-20% lower than the unenrolled population.
- The enrolled ABD population has lower overall inpatient utilization per 1,000 members per year (PKPY), lower overall Potentially Preventable Readmission (PPR) utilization PKPY, and lower overall Potentially Preventable Admission (PPA) utilization PKPY.
- To further control for disease condition, a comparison of the unenrolled and enrolled was conducted among five cohorts of individuals with the most prevalent chronic disease conditions. Two levels of Aggregated Clinical Risk Groups (ACRG3 and ACRG2) were used for this classification exercise, an overview of these methods can be found in the Definitions found in Section III of this report. These comparisons revealed the same consistent patterns of lower inpatient use. (See Appendix Tables 22-23)

AGED/BLIND/DISABLED				
	Inpatient Admits Per 1,000 Member Per Year	Expected Inpatient Admits Per 1,000 Members Per Year	% Difference Inpatient Admits	Clinical Risk Group Weight
Enrolled				
2007	303.1	303.0	0.0%	3.091
2008	298.7	317.1	-5.8%	3.216
2009	301.9	341.4	-11.5%	3.389
2010	306.6	344.0	-10.9%	3.436
Unenrolled				
2007	459.1	332.2	38.2%	3.049
2008	459.9	343.6	33.9%	3.114
2009	459.1	344.9	33.1%	3.101
2010	483.9	356.0	35.9%	3.166

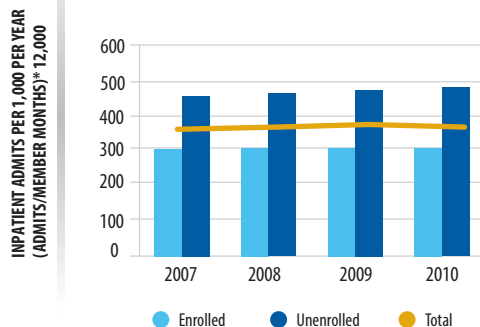
AGED/BLIND/DISABLED				
	Potentially Preventable Admissions Per 1,000 Members Per Year	Expected Potentially Preventable Admissions per 1,000 Members Per Year	% Difference Potentially Preventable Admissions	Clinical Risk Group Weight
Enrolled				
2007	78.5	74.1	6.0%	3.091
2008	76.1	76.7	-0.9%	3.216
2009	76.0	82.3	-7.7%	3.389
2010	76.9	83.0	-7.4%	3.436
Unenrolled				
2007	102.8	76.5	34.4%	3.049
2008	98.5	78.2	25.9%	3.114
2009	102.3	78.5	30.3%	3.101
2010	103.2	80.6	28.0%	3.166

AGED/BLIND/DISABLED				
	Potentially Preventable Readmissions Per 1,000 Member Per Year	Expected Potentially Preventable Readmissions Per 1,000 Members Per Year	% Diff Potentially Preventable Readmissions Per 1,000 Members Per Year	Clinical Risk Group Weight 1,000 Members
Enrolled				
2007	38.1	34.3	11.2%	3.091
2008	37.6	36.9	1.7%	3.216
2009	37.9	40.2	-5.8%	3.389
2010	37.7	41.2	-8.7%	3.436
Unenrolled				
2007	53.4	38.9	37.1%	3.049
2008	54.9	40.6	35.1%	3.114
2009	54.4	41.1	32.3%	3.101
2010	53.1	42.0	26.4%	3.166

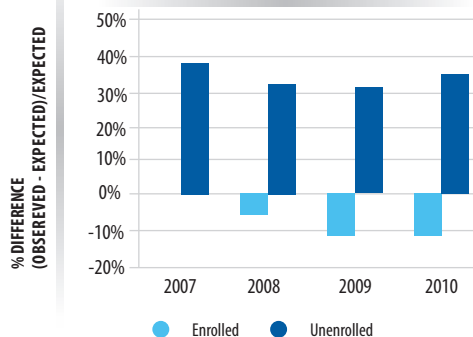


Inpatient Utilization – ABD Population – Charts

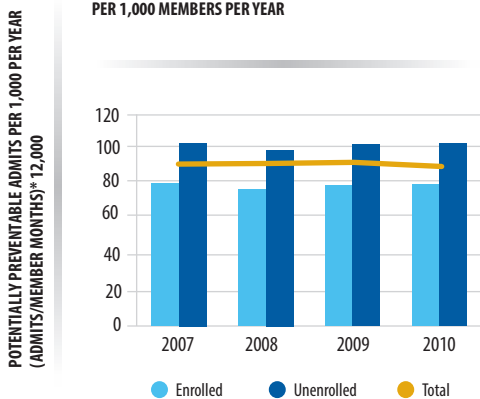
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ACTUAL INPATIENT ADMITS
PER 1,000 MEMBERS PER YEAR**



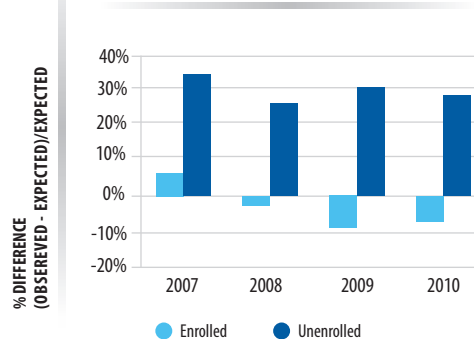
**AGED/BLIND/DISABLED POPULATION:
INPATIENT ADMITS
PER 1,000 MEMBERS PER YEAR PERFORMANCE**



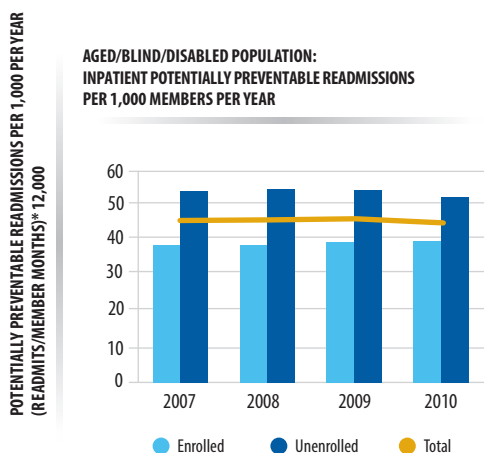
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INPATIENT POTENTIALLY PREVENTABLE ADMISSIONS
PER 1,000 MEMBERS PER YEAR**



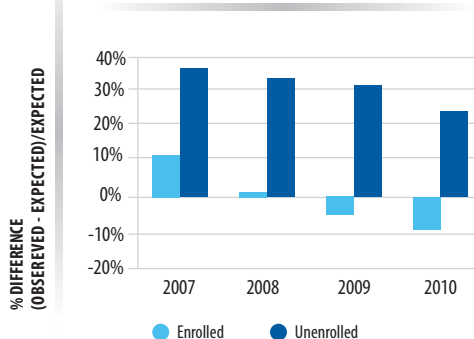
**AGED/BLIND/DISABLED POPULATION:
INPATIENT POTENTIALLY PREVENTABLE ADMISSIONS
PER 1,000 MEMBERS PER YEAR PERFORMANCE**



**AGED/BLIND/DISABLED POPULATION:
INPATIENT POTENTIALLY PREVENTABLE READMISSIONS
PER 1,000 MEMBERS PER YEAR**



**AGED/BLIND/DISABLED POPULATION:
INPATIENT POTENTIALLY PREVENTABLE READMISSIONS
PER 1,000 MEMBERS PER YEAR PERFORMANCE**



Inpatient Utilization – Adult Non-ABD Population - Summary

Inpatient utilization for the enrolled Adult Non-ABD population has declined, in spite of an increase in illness burden.

- Observed inpatient admission rates for the enrolled population are consistently 40-50% lower than the unenrolled population.
 - Observed Potentially Preventable Admission (PPA) rates for the enrolled population are consistently 60% below that of the unenrolled population.
 - The enrolled population has lower PPA rates and is showing improved performance in relation to expected PPA rates, despite an increase in illness burden
 - Observed Potentially Preventable Readmission (PPR) rates for the enrolled population are consistently 35-40% below that of the unenrolled population.
- The enrolled population has lower PPR rates and is consistently below expected rates – particularly in the most recent two years.
- The enrolled Adult Non-ABD population has lower overall inpatient utilization PKPY, lower overall PPR utilization PKPY, and lower overall PPA utilization PKPY.
- To further control for disease condition, a comparison of the unenrolled and enrolled was conducted among five cohorts of individuals with the most prevalent chronic disease conditions. Two levels of Aggregated Clinical Risk Groups (ACRG3 and ACRG2) were used for this classification exercise, an overview of these methods can be found in the Definitions found in Section III of this report. These comparisons revealed the same consistent patterns of lower inpatient use. (See Appendix Tables 24-25)

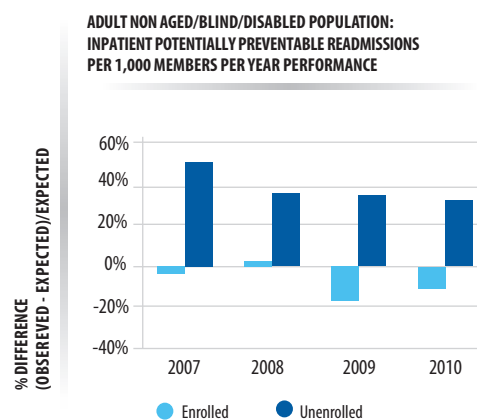
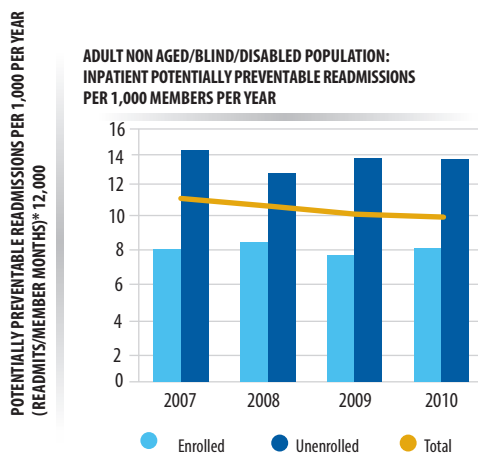
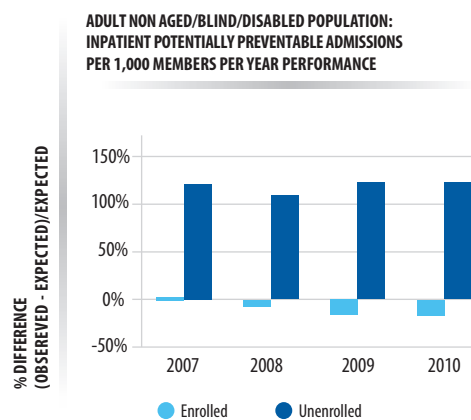
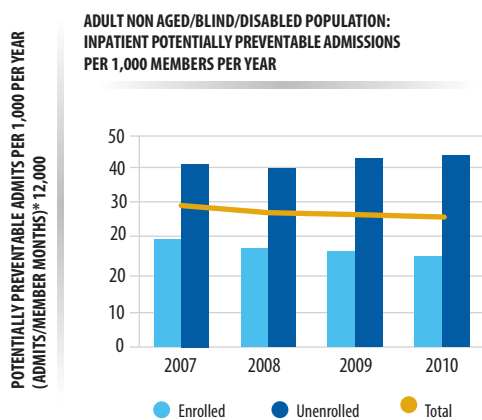
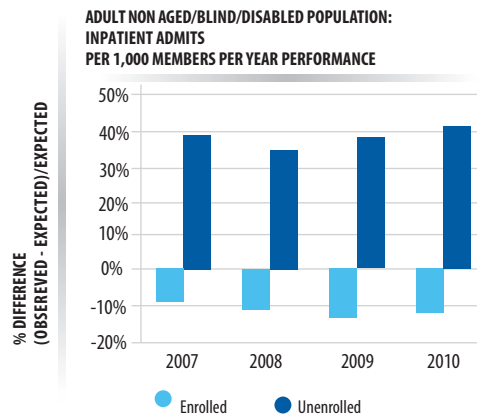
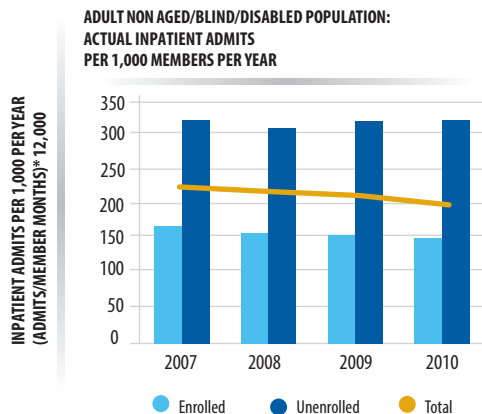
ADULT NON AGED/BLIND/DISABLED (18+)				
	Inpatient Admits Per 1,000 Member Per Year	Expected Inpatient Admits Per 1,000 Members Per Year	% Difference Inpatient Admits	Clinical Risk Group Weight
Enrolled				
2007	163.9	181.2	-9.6%	1.147
2008	159.0	179.9	-11.6%	1.166
2009	154.0	180.4	-14.6%	1.206
2010	146.8	170.2	-13.8%	1.202
Unenrolled				
2007	315.9	226.1	39.7%	1.196
2008	308.2	226.9	35.8%	1.209
2009	321.6	231.3	39.0%	1.245
2010	321.4	223.7	43.7%	1.238

ADULT NON AGED/BLIND/DISABLED (18+)				
	Potentially Preventable Admissions Per 1,000 Members Per Year	Expected Potentially Preventable Admissions Per 1,000 Members Per Year	% Difference Potentially Preventable Admissions	Clinical Risk Group Weight
Enrolled				
2007	19.4	18.9	2.6%	1.147
2008	18.2	18.9	-3.6%	1.166
2009	17.5	19.7	-11.3%	1.206
2010	17.3	19.9	-13.4%	1.202
Unenrolled				
2007	41.3	19.0	116.8%	1.196
2008	39.6	18.8	110.4%	1.209
2009	42.8	19.7	116.9%	1.245
2010	43.9	20.2	117.7%	1.238

ADULT NON AGED/BLIND/DISABLED (18+)				
	Potentially Preventable Readmissions Per 1,000 Member Per Year	Expected Potentially Preventable Readmissions Per 1,000 Members Per Year	% Diff Potentially Preventable Readmissions Per 1,000 Members Per Year	Clinical Risk Group Weight
Enrolled				
2007	8.2	8.5	-3.0%	1.147
2008	8.7	8.6	0.9%	1.166
2009	7.7	9.3	-16.7%	1.206
2010	8.2	9.2	-11.1%	1.202
Unenrolled				
2007	14.4	9.5	52.5%	1.196
2008	13.0	9.5	36.7%	1.209
2009	13.7	10.1	36.1%	1.245
2010	13.7	10.3	33.2%	1.238



Inpatient Utilization – Adult Non-ABD Population – Charts



Inpatient Utilization – Child Non-ABD Population - Summary

Inpatient utilization among the enrolled Child Non-Adult population declined modestly, while the illness burden has remained relatively unchanged.

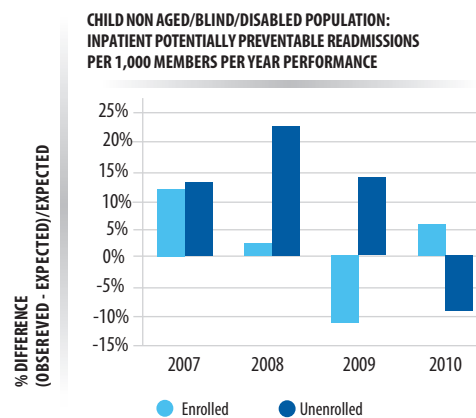
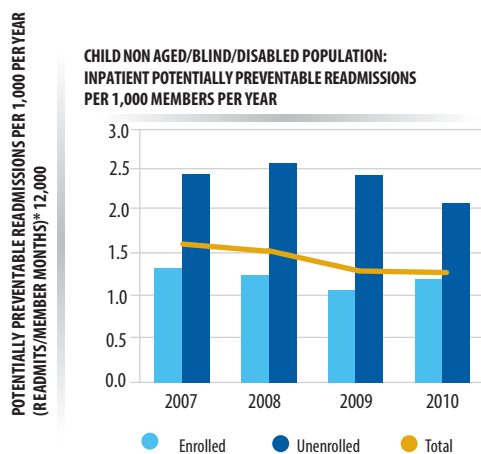
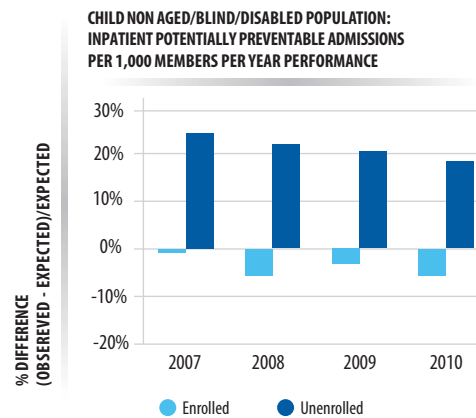
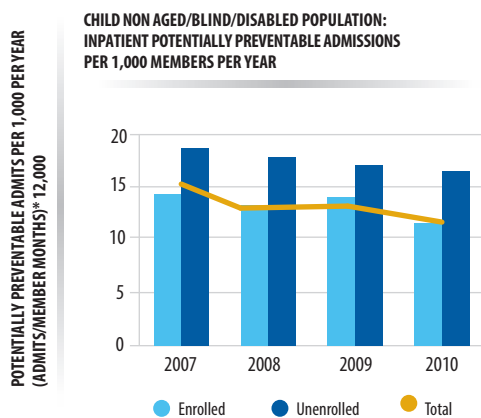
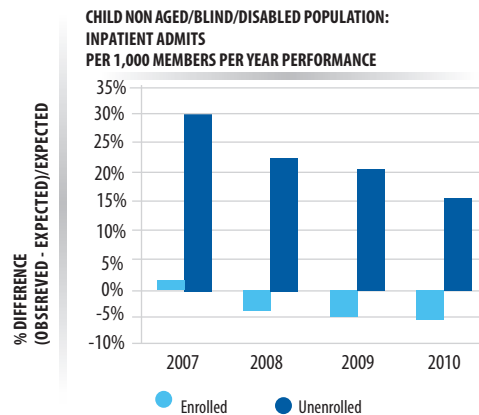
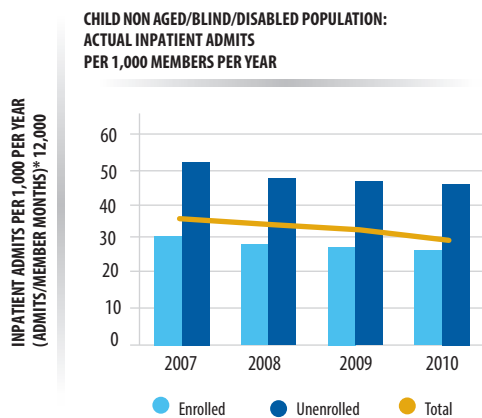
- Observed inpatient utilization rates for the enrolled population are consistently 35–40% lower than the unenrolled population and when the numbers were risk adjusted to account for differences in disease burden, the inpatient rates for enrolled were 20% lower than the unenrolled population.
- The unenrolled population also experienced a downward trend in admissions, but continued to be above expected utilization rates.
 - Observed Potentially Preventable Admission (PPA) rates for the enrolled population are consistently 10–15% below that of the unenrolled population.
 - Observed Potentially Preventable Readmission (PPR) rates for the enrolled population are consistently below that of the unenrolled population.
- To further control for disease condition, a comparison of the unenrolled and enrolled was conducted among five cohorts of individuals with the most prevalent chronic disease conditions. Two levels of Aggregated Clinical Risk Groups (ACRG3 and ACRG2) were used for this classification exercise, an overview of these methods can be found in the Definitions found in Section III of this report. These comparisons revealed the same consistent patterns of lower inpatient use. (See Appendix Tables 26–27)

CHILD NON AGED/BLIND/DISABLED (0-17)				
	Inpatient Admits Per 1,000 Member Per Year	Expected Inpatient Admits Per 1,000 Members Per Year	% Difference Inpatient Admits	Clinical Risk Group Weight
Enrolled				
2007	30.8	30.4	1.6%	0.512
2008	29.0	30.1	-3.4%	0.518
2009	29.0	30.5	-5.0%	0.532
2010	26.8	28.3	-5.3%	0.522
Unenrolled				
2007	50.7	39.0	30.1%	0.628
2008	47.8	38.9	22.9%	0.637
2009	46.5	38.5	20.8%	0.653
2010	43.5	37.7	15.4%	0.650

CHILD NON AGED/BLIND/DISABLED (0-17)				
	Potentially Preventable Admissions Per 1,000 Members Per Year	Expected Potentially Preventable Admissions Per 1,000 Members Per Year	% Difference Potentially Preventable Admissions	Clinical Risk Group Weight
Enrolled				
2007	14.6	14.7	-1.0%	0.512
2008	13.5	14.4	-6.3%	0.518
2009	14.1	14.7	-3.7%	0.532
2010	12.3	13.2	-6.7%	0.522
Unenrolled				
2007	18.3	14.5	26.3%	0.628
2008	17.4	14.3	22.2%	0.637
2009	16.7	13.9	20.6%	0.653
2010	15.5	13.1	18.0%	0.650

CHILD NON AGED/BLIND/DISABLED (0-17)				
	Potentially Preventable Readmissions Per 1,000 Member Per Year	Expected Potentially Preventable Readmissions Per 1,000 Members Per Year	% Diff Potentially Preventable Readmissions Per 1,000 Members Per Year	Clinical Risk Group Weight
Enrolled				
2007	1.4	1.2	11.6%	0.512
2008	1.2	1.2	2.7%	0.518
2009	1.1	1.3	-11.0%	0.532
2010	1.3	1.2	5.6%	0.522
Unenrolled				
2007	2.5	2.2	12.7%	0.628
2008	2.6	2.1	22.7%	0.637
2009	2.4	2.1	14.5%	0.653
2010	2.0	2.2	-9.2%	0.650

Inpatient Utilization – Child Non-ABD Population – Charts

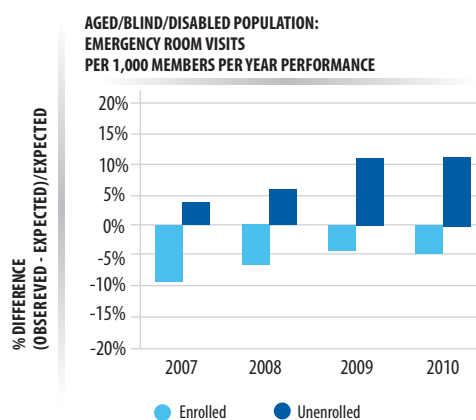
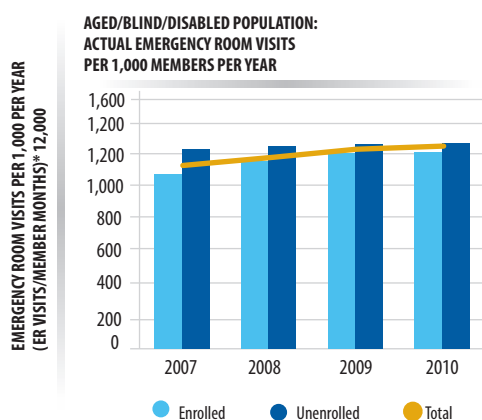


Emergency Room (ER) Utilization – ABD Population

ER visits per 1,000 members per year (PKPY) are consistently lower for the ABD enrolled population vs. the unenrolled population.

- ER visits PKPY have increased for both the enrolled and unenrolled populations over the four-year period.
 - The enrolled ABD population, however, has performed better than expected on a risk-adjusted basis when the increasing level of illness burden of that group is taken into account.
- The enrolled population has fewer ER visits when compared to similar individuals based on illness burden. (See Appendix Tables 31-32)
- Individuals with two chronic illnesses accounted for approximately 50% of all ER visits among the ABD population (50% for enrolled; 47% for unenrolled). (See Appendix Table 31)
 - For this population, the enrolled ABD population had an ER visit rate that was 19% below that of the unenrolled ABD population. (See Appendix Table 31)
- For all four years, in both the enrolled and unenrolled populations, the category of illness that had the most ER visits was composed of individuals with two chronic illnesses—where one was a mental illness or substance abuse. In each year, this cohort represented between 16 - 17% of all ER visits in the ABD population.
 - Among this population (individuals with two chronic illnesses – including mental illness or substance abuse), those that were enrolled in CCNC experienced an ER PKPY rate that was 21% below the unenrolled population in 2010. (See Appendix Table 32)

AGED/BLIND/DISABLED				
	Emergency Room Visits Per 1,000 Members Per Year	Expected Emergency Room Visits Per 1,000 Members Per Year	% Difference Emergency Room Visits Per 1,000 Members Per Year	Clinical Risk Group Weight
Enrolled				
2007	1,089.6	1,201.9	-9.3%	3.091
2008	1,132.1	1,218.8	-7.1%	3.216
2009	1,206.8	1,261.0	-4.3%	3.389
2010	1,201.8	1,264.7	-5.0%	3.436
Unenrolled				
2007	1,223.8	1,183.0	3.4%	3.049
2008	1,259.0	1,186.5	6.1%	3.114
2009	1,310.2	1,183.4	10.7%	3.101
2010	1,337.2	1,203.4	11.1%	3.166

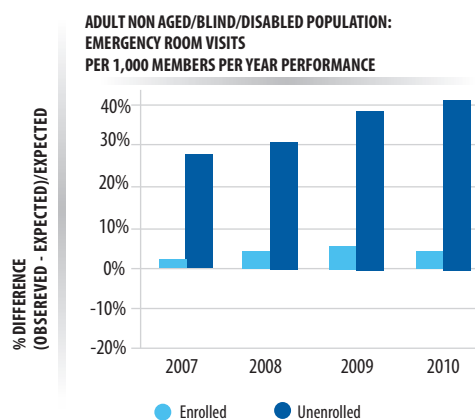
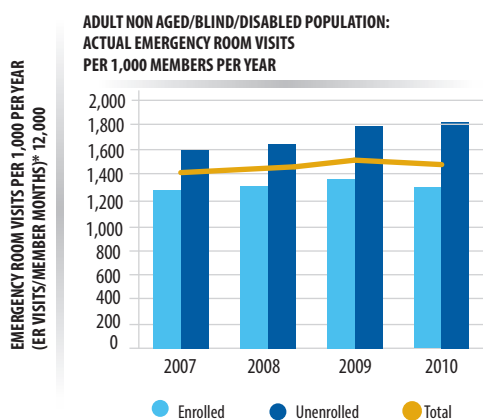


Emergency Room (ER) Utilization – Adult Non-ABD Population

The rate of ER visits for the enrolled Adult Non-ABD population was 20 - 26% below that of the unenrolled population during the four-year period.

- Risk-adjusted Adult Non-ABD ER utilization has consistently been above expected rates for both the enrolled and unenrolled populations.
 - ER visit rates have increased over the four-year period for this population – even when adjusted for illness burden.
- The enrolled population experienced fewer ER visits when comparing similar individuals based on illness burden. (See Appendix Tables 33-34)
- Individuals with two chronic illnesses accounted for approximately 29% of all ER visits among the Adult Non-ABD population (31% for enrolled; 26% for unenrolled). (See Appendix Table 33)
 - For this population the enrolled Adult Non-ABD population had an ER visit rate that was 22% below that of the unenrolled ABD population. (See Appendix Table 33)
- For all four years, in both the enrolled and unenrolled populations, the “healthy” population – those individuals with no other chronic or acute episode to substantiate an illness burden assignment – had approximately 18% of all ER visits in the Adult Non-ABD population.
- In 2010, the enrolled “healthy” population experienced a 40% lower ER PKPY than the unenrolled “healthy” population. (See Appendix Table 34)

ADULT NON AGED/BLIND/DISABLED (18+)				
	Emergency Room Visits Per 1,000 Members Per Year	Expected Emergency Room Visits Per 1,000 Members Per Year	% Difference Emergency Room Visits Per 1,000 Members Per Year	Clinical Risk Group Weight
Enrolled				
2007	1,274.4	1,241.7	2.6%	1.147
2008	1,322.3	1,256.8	5.2%	1.166
2009	1,374.7	1,286.6	6.9%	1.206
2010	1,344.6	1,275.6	5.4%	1.202
Unenrolled				
2007	1,595.5	1,264.3	26.2%	1.196
2008	1,674.2	1,271.2	31.7%	1.209
2009	1,790.7	1,292.9	38.5%	1.245
2010	1,825.1	1,290.7	41.4%	1.238

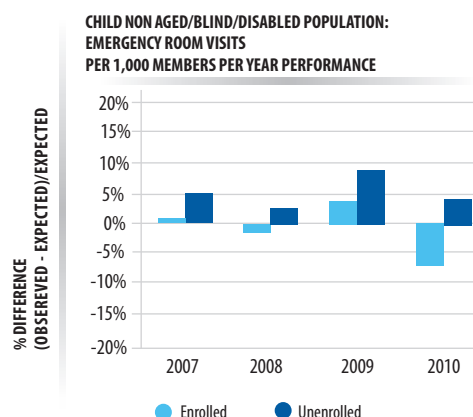
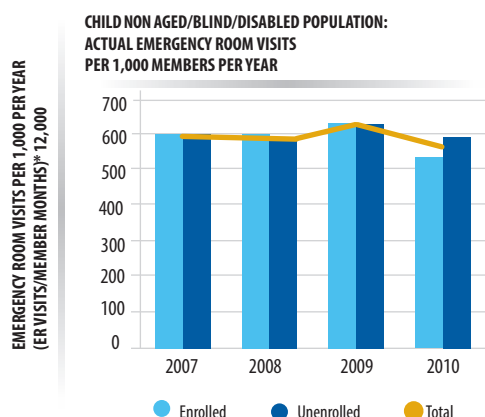


Emergency Room (ER) Utilization – Child Non-ABD Population

Both enrolled and unenrolled populations within the Child Non-ABD population have seen a drop in ER visits over the past four years.

- The enrolled population performed favorably on a risk-adjusted basis; with an overall favorable trend from 2007 – 2010.
- The enrolled population experienced fewer ER visits based on illness burden when compared to similar individuals in the unenrolled population. (See Appendix Tables 35-36)
- Individuals categorized as “healthy” (e.g. they had no other chronic or acute episode to substantiate an illness burden assignment) accounted for 42% of all ER visits among the Child Non-ABD population. (See Appendix Table 35)
- In 2010, the enrolled “healthy” population had a 19% lower ER PKPY rate than the unenrolled “healthy” population. (See Appendix Table 35)
- In 2010, individuals with a chronic respiratory illness accounted for 11% of all ER visits (11% among the enrolled and 9% among the unenrolled). A comparison of the ER visit rate for these individuals shows a rate among the enrolled population that was 12% lower than the unenrolled population. (See Appendix Table 36)

CHILD NON AGED/BLIND/DISABLED (0-17)				
	Emergency Room Visits Per 1,000 Members Per Year	Expected Emergency Room Visits Per 1,000 Members Per Year	% Difference Emergency Room Visits Per 1,000 Members Per Year	Clinical Risk Group Weight
Enrolled				
2007	608.6	606.1	0.4%	0.512
2008	596.1	603.1	-1.2%	0.518
2009	639.6	617.9	3.5%	0.532
2010	547.3	586.9	-6.7%	0.522
Unenrolled				
2007	610.3	582.0	4.9%	0.628
2008	595.0	580.1	2.6%	0.637
2009	632.7	582.2	8.7%	0.653
2010	585.6	562.6	4.1%	0.650



Primary Care Provider (PCP) Utilization – All Populations

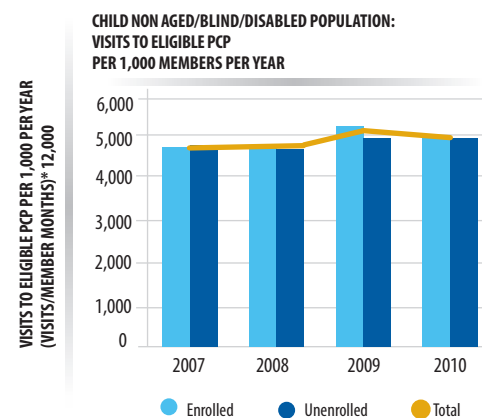
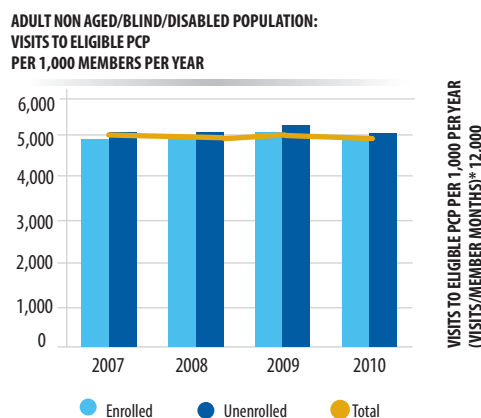
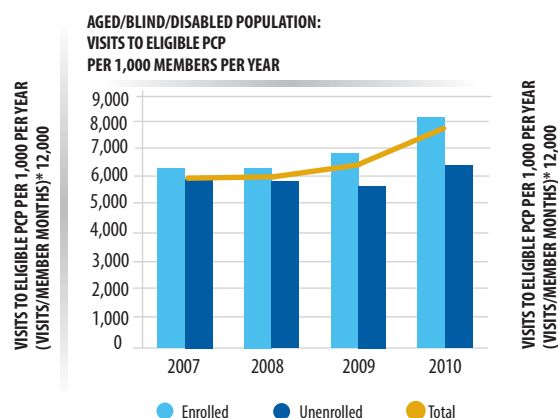
Primary Care Provider (PCP) visit rates are similar between the enrolled and unenrolled populations for all four years, however:

- For the ABD population:
 - Individuals with two chronic illnesses comprise almost 50% of the PCP visits for the ABD enrolled and unenrolled populations. The PCP visit rate for this cohort of individuals was 11% higher in the enrolled vs. the unenrolled population. (See Appendix Tables 37-38)
 - In 2010, this same group had an ER visit rate among the enrolled population that was 19% less than the unenrolled population. (See Appendix Table 31)
- For the Adult Non-ABD population:
 - Individuals with two chronic illnesses were responsible for the largest share of PCP visits for both the enrolled and unenrolled populations. The PCP visit rate for this cohort of individuals was approximately 8% higher in the enrolled vs. the unenrolled population. (See Appendix Table 39)
 - In 2010, this same group had an ER visit rate among the enrolled population that was 22% less than the unenrolled population. (See Appendix Table 33)
- For the Child Non-ABD population:
 - Individuals categorized as “healthy” were responsible for the largest share of PCP visits for both the enrolled and unenrolled populations. The PCP visit rate for this cohort of individuals was 13% higher in the enrolled vs. the unenrolled population. (See Appendix Tables 41-42)
 - This same cohort of individuals was also responsible for the largest share of ER visits. The rate for the enrolled population was 19% more favorable than the unenrolled, meaning the ER visit rate for the healthy Child Non-ABD population was 19% less among the enrolled than the unenrolled population. (See Appendix Tables 35-36)

AGED/BLIND/DISABLED	
	Visits To PCP Per 1,000 Members Per Year
Enrolled	
2007	6,283
2008	6,296
2009	6,751
2010	8,150
Unenrolled	
2007	5,900
2008	5,827
2009	5,679
2010	6,597
Total	
2007	6,101
2008	6,089
2009	6,327
2010	7,623

ADULT NON AGED/BLIND/DISABLED	
	Visits To PCP Per 1,000 Members Per Year
Enrolled	
2007	4,888
2008	4,880
2009	5,125
2010	5,046
Unenrolled	
2007	5,010
2008	5,104
2009	5,308
2010	5,133
Total	
2007	4,938
2008	4,963
2009	5,185
2010	5,072

CHILD NON AGED/BLIND/DISABLED	
	Visits To PCP Per 1,000 Members Per Year
Enrolled	
2007	4,798
2008	4,784
2009	5,222
2010	4,907
Unenrolled	
2007	4,766
2008	4,738
2009	4,923
2010	4,883
Total	
2007	4,798
2008	4,775
2009	5,172
2012	4,904



Pharmacy Utilization – All Populations - Summary

Pharmacy utilization per 1,000 members per year (PKPY) is consistently higher for the enrolled population than the unenrolled across all three populations.

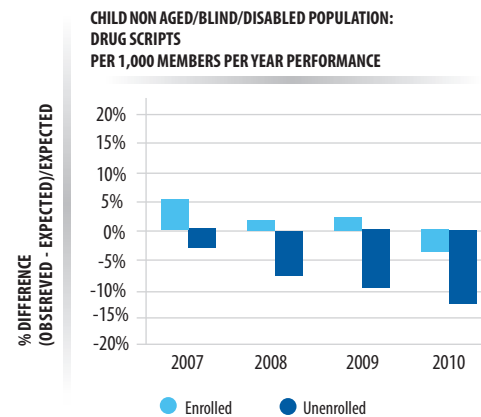
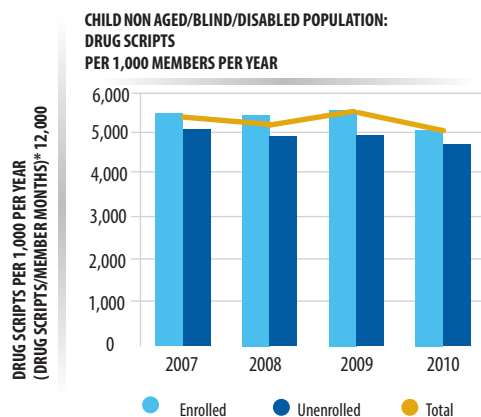
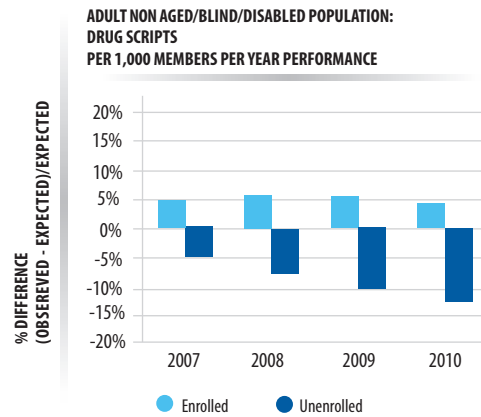
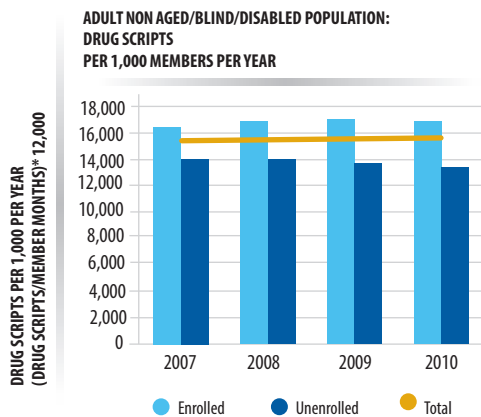
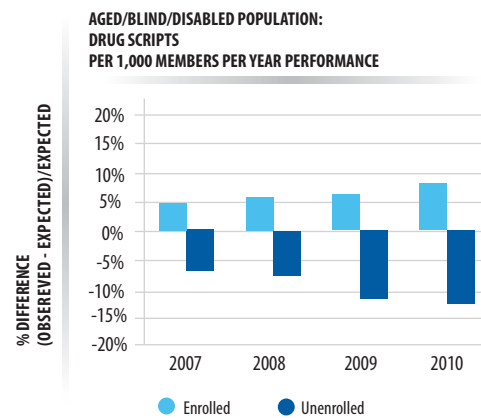
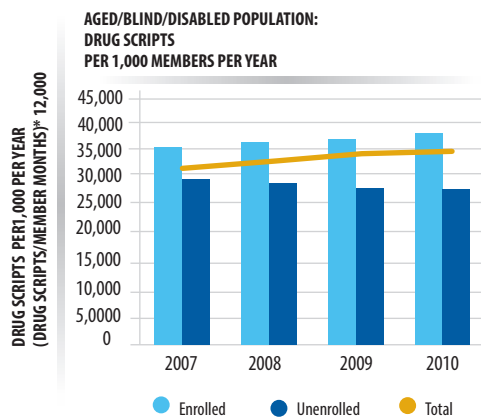
- A comparison of the enrolled and unenrolled populations at both the ACRG3 and ACRG2 levels continues to show the general trend of the CCNC-enrolled population's pharmacy utilization PKPY typically higher than unenrolled, across all population cohorts. (See Appendix Tables 43-48)

AGED/BLIND/DISABLED				
	Drug Scripts Per 1,000 Members Per Year	Expected Drug Scripts Per 1,000 Members Per Year	% Difference Drug Scripts Per 1,000 Per Year	Clinical Risk Group Weight
Enrolled				
2007	35,326.2	33,634.8	5.0%	3.091
2008	36,525.9	34,410.9	6.1%	3.216
2009	38,016.9	35,607.5	6.8%	3.389
2010	38,735.7	35,739.9	8.4%	3.436
Unenrolled				
2007	29,142.3	31,227.2	-6.7%	3.049
2008	29,084.2	31,357.9	-7.3%	3.114
2009	27,886.4	31,142.2	-10.5%	3.101
2010	27,898.8	31,817.5	-12.3%	3.166

ADULT NON AGED/BLIND/DISABLED (18+)				
	Drug Scripts Per 1,000 Members Per Year	Expected Drug Scripts Per 1,000 Members Per Year	% Difference Drug Scripts Per 1,000 Per Year	Clinical Risk Group Weight
Enrolled				
2007	16,483.8	15,635.9	5.4%	1.147
2008	16,777.1	15,772.6	6.4%	1.116
2009	17,026.9	16,123.0	5.6%	1.206
2010	16,730.1	16,038.9	4.3%	1.202
Unenrolled				
2007	14,146.8	14,938.9	-5.3%	1.196
2008	13,995.2	14,991.7	-6.6%	1.209
2009	13,755.7	15,266.0	-9.9%	1.245
2010	13,331.8	15,209.8	-12.3%	1.238

CHILD NON AGED/BLIND/DISABLED (0-17)				
	Drug Scripts Per 1,000 Members Per Year	Expected Drug Scripts Per 1,000 Members Per Year	% Difference Drug Scripts Per 1,000 Per Year	Clinical Risk Group Weight
Enrolled				
2007	5,580.6	5,282.4	5.6%	0.512
2008	5,372.7	5,254.8	2.2%	0.518
2009	5,561.4	5,413.8	2.7%	0.532
2010	5,016.7	5,194.7	-3.4%	0.522
Unenrolled				
2007	5,131.8	5,328.5	-3.7%	0.628
2008	4,920.3	5,362.5	-8.2%	0.637
2009	4,953.7	5,484.8	-9.7%	0.653
2010	4,639.0	5,330.5	-13.0%	0.650

Pharmacy Utilization – All Populations – Charts



Population Overview – Summary

The following section provides an overview of the total Medicaid population (enrolled and unenrolled) from 2007 to 2010. It looks at the expansion of membership, changes in illness burden of both the enrolled and unenrolled populations as defined by Clinical Risk Group (CRG) scores, and the trend in membership and CRG risk scores for each of the CCNC sub-populations (ABD, Adult Non-ABD, and Child Non-ABD).

As previously noted, from 2007 – 2010, the population managed by CCNC increased by 271,000 people or 48%. In addition the overall illness burden of this enrolled population increased by 7% based on the CRG risk scores.

POPULATION OVERVIEW									
	Average Members					CRG Risk Score			
	2007	2008	2009	2010		2007	2008	2009	2010
Enrolled	567,727	676,563	769,858	838,778		0.898	0.913	0.950	0.963
Unenrolled	250,939	246,020	228,000	212,311		1.323	1.366	1.398	1.393
Total	818,666	922,582	997,859	1,051,089		1.028	1.037	1.053	1.050

Total Population

- Total number of average Medicaid members increased by 28% from 2007 to 2010.
- The illness burden of the total population increased by 2% from 2007 to 2010.

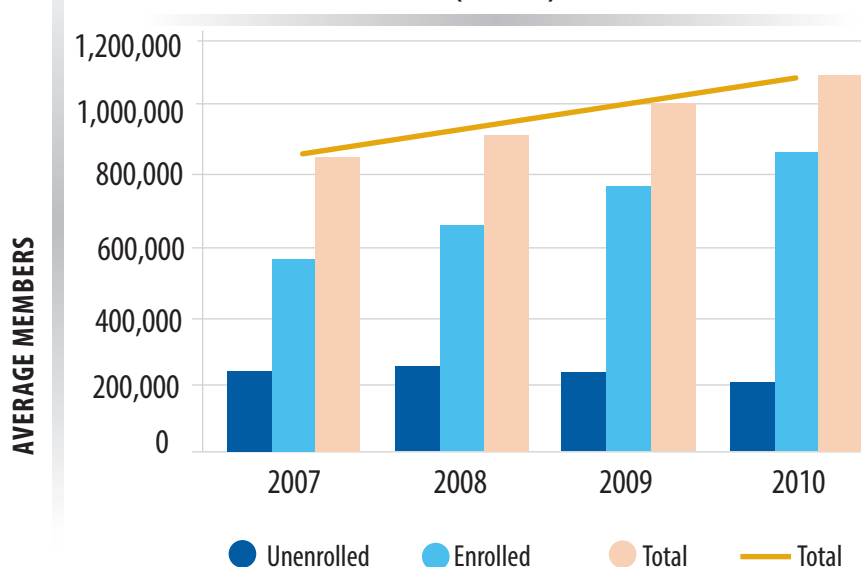
Unenrolled Population

- Total number of average unenrolled Medicaid members decreased by 15% from 2007 to 2010.
- The illness burden of the unenrolled population increased by 5% from 2007 to 2010.

Enrolled Population

- Total number of average enrolled Medicaid members increased by 48% from 2007 to 2010.
- The illness burden of the enrolled population increased by 7% from 2007 to 2010.

**POPULATION OVERVIEW
MEMBERSHIP FROM 2007 to 2010
ALL YEARS ARE CALENDAR BASED (JAN-DEC)**

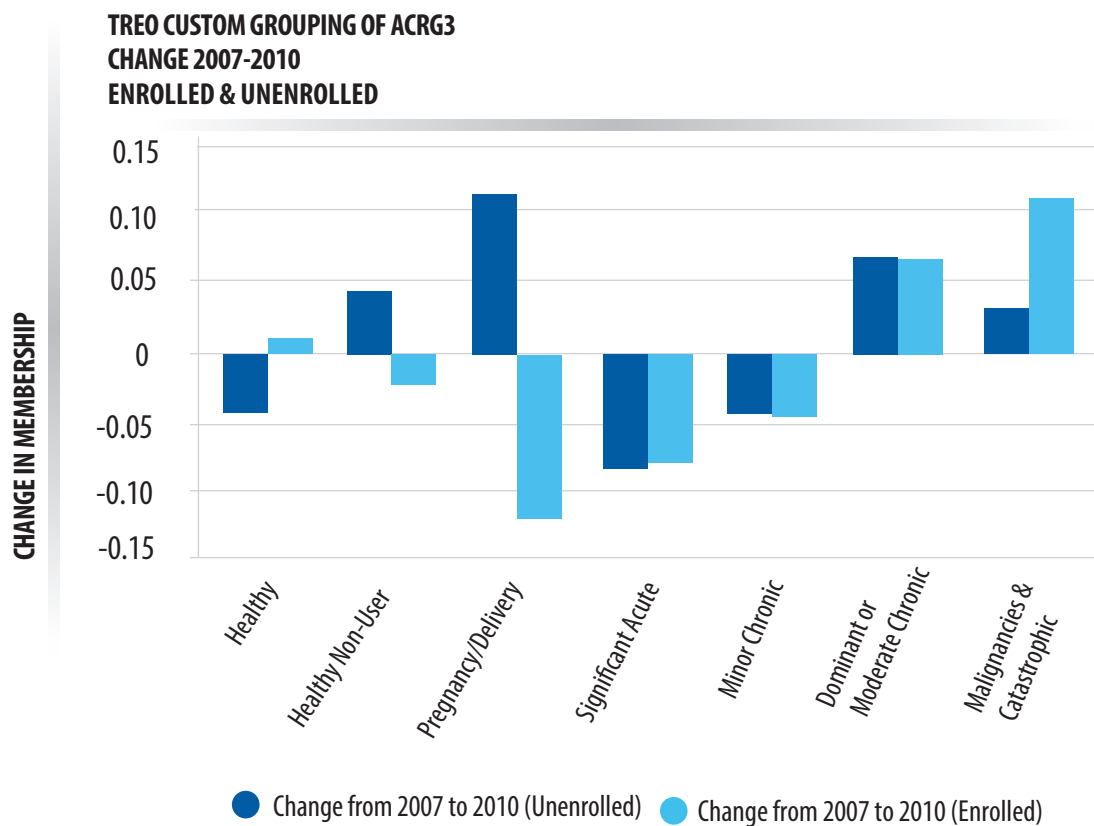


Population Overview – Change in Risk Distribution - Total

CHANGE IN RISK DISTRIBUTION - TOTAL ENROLLED AND UNENROLLED POPULATION										
Treo Custom Grouping of ACRG3	2007	2008	2009	2010	Change from 07-08	Change from 08-09	Change from 09-10	Change from 07-10	Change from 07-10 (Unenrolled)	Change from 07-10 (Enrolled)
Healthy										
Healthy	44.2%	44.9%	44.5%	45.3%	1.6%	-0.9%	1.9%	2.6%	-3.5%	0.8%
Healthy Non-User	7.6%	7.3%	6.4%	7.1%	-4.1%	-11.7%	10.6%	-6.3%	4.3%	-1.8%
Pregnancy / Delivery	2.1%	2.1%	2.1%	1.9%	-1.5%	-2.3%	-8.7%	-12.2%	11.0%	-11.9%
Significant Acute	14.1%	13.7%	14.4%	13.1%	-2.3%	4.8%	-8.8%	-6.5%	-8.2%	-8.0%
Minor Chronic	7.5%	7.4%	7.4%	7.2%	-1.4%	0.8%	-3.6%	-4.2%	-4.3%	-4.7%
Dominant or Moderate Chronic	23.5%	23.6%	24.2%	24.3%	0.3%	2.5%	0.8%	3.6%	6.4%	6.3%
Malignancies & Catastrophic	1.1%	1.0%	1.0%	1.0%	-2.3%	-0.2%	0.5%	-2.0%	3.0%	10.3%

Risk Distribution - Total

- Illness burden increased from 2007 to 2010 – but dropped from 2009 to 2010, this can be attributed in part to an influx of Healthy Non-Users.
- The growth in the Dominant or Moderate Chronic category was a factor in the overall increase in the illness burden – demonstrating a 3.6% proportional increase.

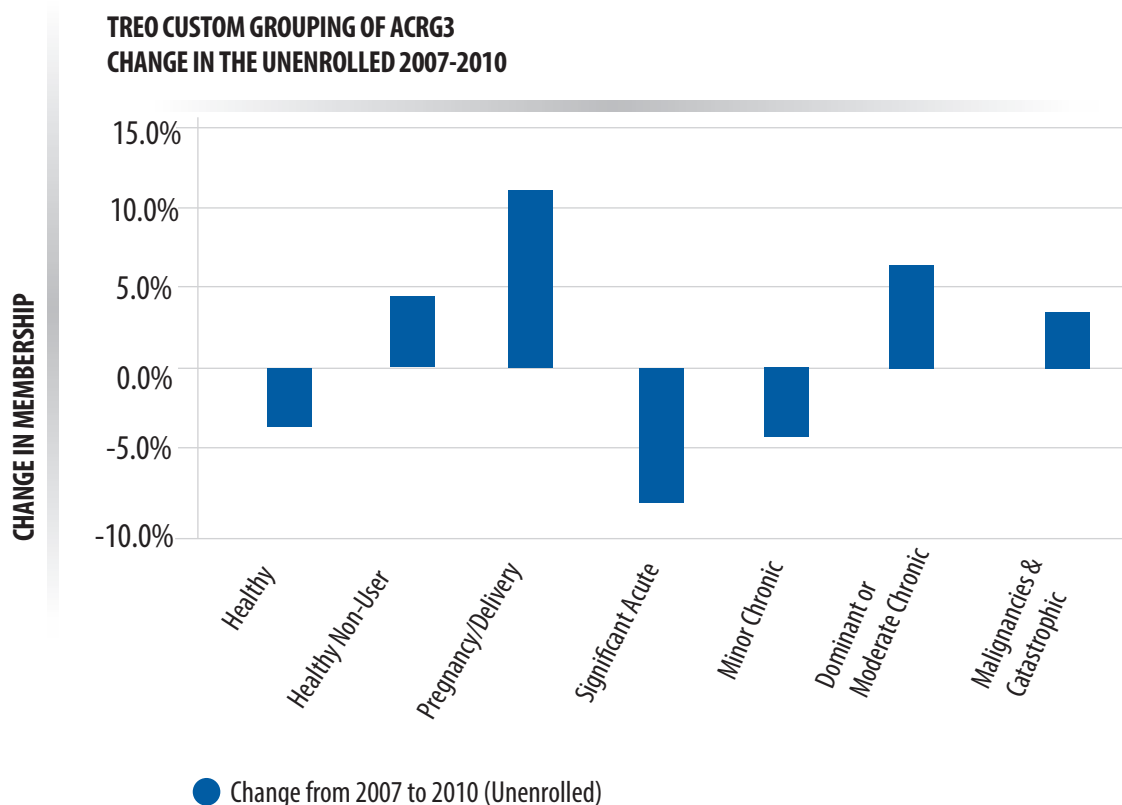


Population Overview – Change in Risk Distribution - Unenrolled

CHANGE IN RISK DISTRIBUTION - UNENROLLED									
Treo Custom Grouping of ACRG3	2007	2008	2009	2010		Change from 07-08	Change from 08-09	Change from 09-10	Change from 07-10
Healthy									
Healthy	36.8%	36.1%	35.4%	35.5%		-1.8%	-2.0%	0.3%	-3.5%
Healthy Non-User	10.8%	10.9%	10.7%	11.2%		1.5%	-2.2%	5.0%	4.3%
Pregnancy / Delivery	3.4%	3.6%	3.7%	3.7%		5.9%	4.8%	0.0%	11.0%
Significant Acute	12.6%	12.2%	12.3%	11.6%		-3.5%	0.8%	-5.6%	-8.2%
Minor Chronic	7.3%	7.2%	7.1%	6.9%		-1.1%	-0.7%	-2.5%	-4.3%
Dominant or Moderate Chronic	27.5%	28.3%	29.1 %	29.3%		3.0%	2.6%	0.7%	6.4%
Malignancies & Catastrophic	1.7%	1.7%	1.7%	1.7%		1.8%	1.2%	0.0%	3.0%

Risk Distribution - Unenrolled

- Illness burden increased from 2007 to 2010 – but dropped from 2009 to 2010, due in part to an influx of Healthy Non-Users
- The growth in the Dominant or Moderate Chronic and Malignancies & Catastrophic categories was a factor in the overall increase in the illness burden – demonstrating a 6.4% and 3.0% proportional increase, respectively.



All years are calendar based (Jan-Dec)

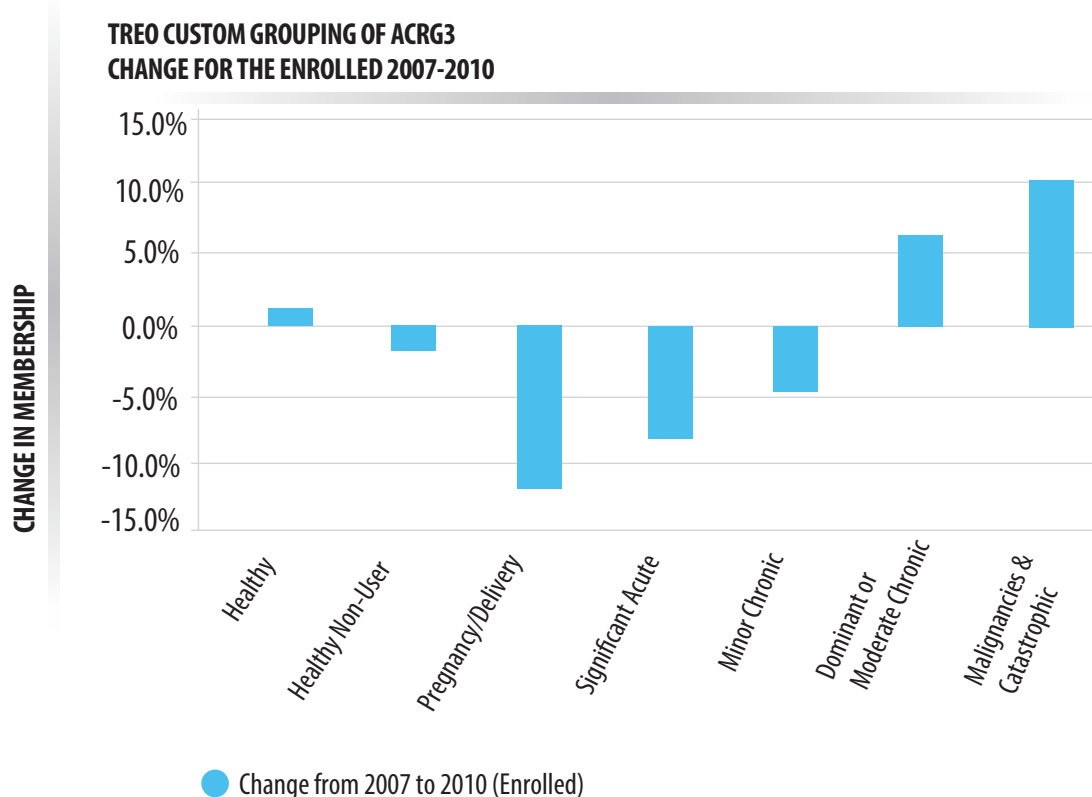
All numbers and analysis reflect the previous noted exclusions and assumptions

Population Overview – Change in Risk Distribution - Enrolled

CHANGE IN RISK DISTRIBUTION - ENROLLED								
Treo Custom Grouping of ACRG3	2007	2008	2009	2010	Change from 07-08	Change from 08-09	Change from 09-10	Change from 07-10
Healthy								
Healthy	47.5%	48.1%	47.2%	47.8%	1.4%	-1.9%	1.3%	0.8%
Healthy Non-User	6.2%	5.9%	5.2%	6.1%	-3.6%	-13.3%	17.5%	-1.8%
Pregnancy / Delivery	1.6%	1.6%	1.6%	1.4%	-1.3%	-0.6%	-10.3%	-11.9%
Significant Acute	14.7%	14.3%	15.0%	13.5%	-2.7%	5.0%	-10.0%	-8.0%
Minor Chronic	7.6%	7.5%	7.5%	7.2%	-1.7%	1.1%	-4.1%	-4.7%
Dominant or Moderate Chronic	21.7%	21.8%	22.7%	23.1%	0.4%	4.1%	1.7%	6.3%
Malignancies & Catastrophic	0.8%	0.8%	0.8%	0.9%	1.3%	3.8%	4.9%	10.3%

Risk Distribution - Enrolled

- Illness burden increased consistently from 2007 to 2010.
- Although there was an influx of Healthy Non-Users, the illness burden did not drop from 2009 to 2010.
- The growth in the Dominant or Moderate Chronic and Malignancies & Catastrophic categories was a factor in the overall increase in the illness burden – demonstrating a 6.3% and 10.3% proportional increase, respectively.

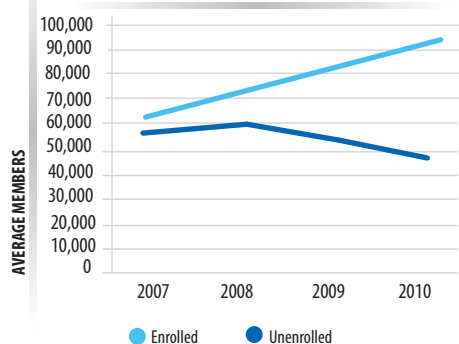


All years are calendar based (Jan-Dec)

All numbers and analysis reflect the previous noted exclusions and assumptions

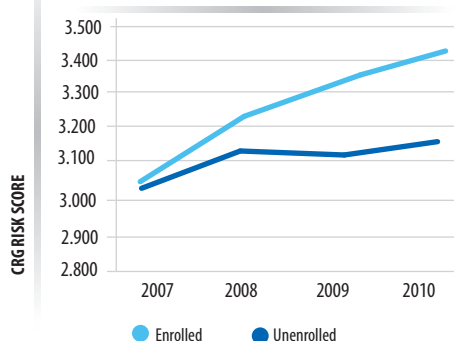
Population Overview – Average Membership and CRG Risk Score Time Series Comparison

MEMBERSHIP - AGED/BLIND/DISABLED POPULATION FROM 2007-2010



	2007	2008	2009	2010
Unenrolled ABD	58,406	58,468	54,989	48,863
Enrolled ABD	64,291	74,464	83,810	95,223

CRG RISK SCORE - AGED/BLIND/DISABLED POPULATION FROM 2007-2010

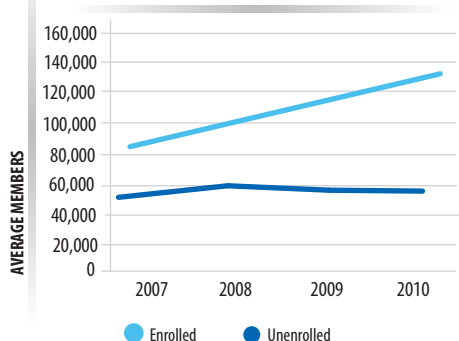


	2007	2008	2009	2010
Unenrolled ABD	3.049	3.114	3.101	3.166
Enrolled ABD	3.091	3.216	3.389	3.436

Aged/Blind/Disabled Population

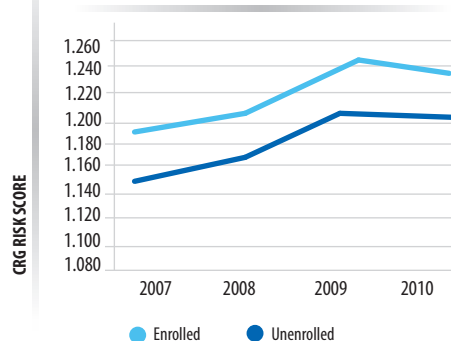
- The unenrolled population decreased by 16% from 2007 to 2010.
- The unenrolled population CRG risk score increased by 4% from 2007 to 2010.
- The enrolled population increased by 48% from 2007 to 2010.
- The enrolled population CRG risk score increased by 11% from 2007 to 2010.

MEMBERSHIP - ADULT NON AGED/BLIND/DISABLED POPULATION FROM 2007-2010



	2007	2008	2009	2010
Unenrolled ABD	58,171	60,620	59,642	59,344
Enrolled ABD	83,991	102,202	122,638	136,223

CRG RISK SCORE - ADULT NON AGED/BLIND/DISABLED POPULATION FROM 2007-2010

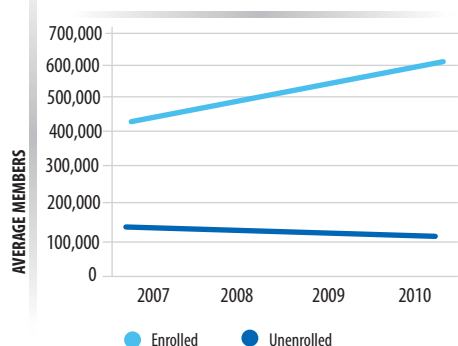


	2007	2008	2009	2010
Unenrolled ABD	1.196	1.209	1.245	1.238
Enrolled ABD	1.147	1.166	1.206	1.202

Adult Non Aged/Blind/Disabled Population

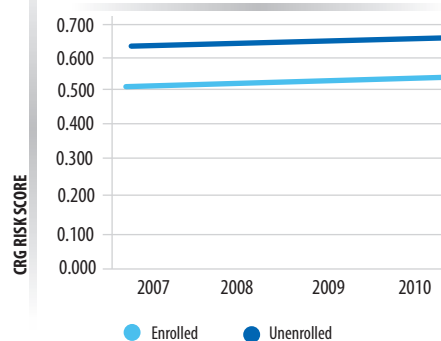
- The unenrolled population increased by 2% from 2007 to 2010.
- The unenrolled CRG risk score increased by 3.5% from 2007 to 2010.
- The enrolled population increased by 62% from 2007 to 2010.
- The enrolled population CRG risk score increased by 5% from 2007 to 2010.

MEMBERSHIP - CHILD NON AGED/BLIND/DISABLED POPULATION FROM 2007-2010



	2007	2008	2009	2010
Unenrolled ABD	134,362	126,932	113,369	104,104
Enrolled ABD	419,446	499,897	563,410	607,332

CRG RISK SCORE - CHILD NON AGED/BLIND/DISABLED POPULATION FROM 2007-2010



	2007	2008	2009	2010
Unenrolled ABD	0.628	0.637	0.653	0.650
Enrolled ABD	0.512	0.518	0.532	0.522

Child Non Aged/Blind/Disabled Population

- The unenrolled population decreased by 22%, from 2007 to 2010.
- The unenrolled population CRG risk score increased by 3.5% from 2007 to 2010.
- The enrolled population increased by 45% from 2007 to 2010.
- The enrolled population CRG risk score increased by 2% from 2007 to 2010.

Performance Analysis:

Healthcare Utilization of
CCNC-Enrolled Population
2007-2010

Section 3: Assumptions, Methodology and Definitions



Assumptions and Methodology

The underlying assumptions for this analysis include:

- Methodology and weight development for population burden of illness - 3M™ Clinical Risk Groups (CRGs) were used to stratify and risk-adjust populations.
- Population exclusions - a number of exclusions were made with respect to the populations included in this analysis.
- Time parameter - calendar year for each “year” time frame.
- No inflation or demographic adjustments outside of age and gender, were applied.

Analysis Methodology

- Expected rates of service utilization per thousand members per year (PKPY) are calculated across the entire population of enrolled and unenrolled over the four years using Clinical Risk Group (CRG), Age, and Gender. These “expecteds” are then applied back to the CRG, Age, and Genders of the observed patients, enrolled and unenrolled, in each program area by each year. The difference between these expected rates and actual are the basis for the “% Diff” column in the tables. Next to this column is the previous CRG weight for that year. Note that the CRG weight is based on total cost of care and is independent of the expected utilization rates; it is not used for calculating the expected utilization rate. Therefore, a particular group of unenrolled patients in a particular year may have a higher CRG than the enrolled patients in the same year, but have a lower expected utilization than the enrolled patients. This is not unexpected given the variations in service utilization case mix.
- Note that because blended expected rates are used, these utilization tables are not presenting the counterfactual, what would have been for the enrolled had they not been enrolled, but, are instead, showing the risk-adjusted difference between what was observed and expected for each group, enrolled and unenrolled.
- Attribution of members to the enrolled population was done on a month-by-month basis.

- Population exclusions were made to address potential bias due to a number of factors, which are detailed on the following page (page 26).

CRG Risk Score Development and Application

Treo Solutions utilizes the categorical and hierarchical Clinical Risk Group (CRG) methodology developed by 3M™ HIS to evaluate the relative risk burden of each individual, and groups of individuals, within the North Carolina Medicaid population. Each Medicaid beneficiary is assigned a CRG risk score.

The following process was followed to develop and apply the CRG risk score:

In addition to the population exclusions cited, non-newborn members with less than six months of membership were excluded from the CRG weight development.

- Newborn members who have less than three months of membership were also excluded from the CRG weight development.
- Benchmark analysis has shown these to be viable cutoff points to exclude limited exposure.
- CRG assignment is based on all available claims data (IP, OP, PR, and Rx) for each member’s 12-month history within each calendar year reporting period.
- Before CRG weights are assigned, outliers are capped using the IQR methodology at the CRG level with multiple of 3.5.
- CRG weights are then run for each calendar year separately, making adjustments for age and gender.
- The final CRG weight is based on CRG, reporting period, age group, and gender.
- Those final CRG weights are then blended across the reporting periods and applied back to the population.
- It is important to have one base CRG weight to see changes in CRG case mix progression.



Population Exclusions

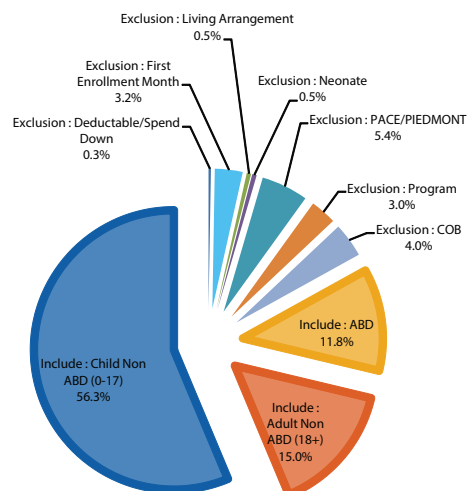
This analysis includes all Medicaid recipients eligible for the CCNC program. No minimum eligibility months or minimum months of enrollment are required and periods of Medicaid ineligibility are excluded. Consistent with previous research on the program, the month of enrollment in the program is excluded because of difficulties with parsing costs to unenrolled and enrolled portions of the month.

The following populations were excluded from the Treo analysis:

- Medicaid recipients who do not qualify for CCNC enrollment.
- Members living in a skilled nursing setting or living in another institutional setting.
- Several program categories that do not qualify for CCNC enrollment, including MAF-W, MRF, RRF, SAA, spend-down status, and several other programs ineligible for CCNC enrollment for which no data was submitted to Treo Solutions.
- Although MPW (pregnancy) is not exclusively ineligible for CCNC enrollment, this program was excluded based on discussions with CCNC that concluded uncommon circumstances around the enrollment of these individuals (this was apparent in the data with greater than 85% unenrolled).
- Newborns, because they cannot be enrolled in CCNC until they are discharged from the hospital. For that reason, all first month inpatient claims are excluded.
- Members in PACE or PIEDMONT programs because CCNC was unable to send Treo Solutions encounter data on these members; therefore, an accurate CRG could not be assigned.
- Members having additional coverage other than Medicaid because there was no method for consistently evaluating claims clinical and financial information for these members with additional benefit coverage.

Note that the cost incurred in the first month of a member's enrollment was also excluded because both the unenrolled and enrolled portions of cost in the first enrollment month could not be accurately determined.

Member Months	2007	2008	2009	2010	Total
Exclusion: Deductible/Spend Down	30,086	33,660	41,719	46,085	151,550
Exclusions: First Enrollment Month	1,002,969	268,992	260,806	226,383	1,759,150
Exclusion: Living Arrangement	68,193	68,523	69,373	72,278	278,367
Exclusion: Neonate	71,715	72,893	71,772	68,482	284,862
Exclusion: PACE/PIEDMONT	621,203	704,406	789,451	851,261	2,966,321
Exclusion: Program	409,650	418,029	415,650	413,623	1,656,952
Exclusion: COB	520,702	564,830	559,097	529,891	2,174,520
Inclusion: ABD	1,471,756	1,594,524	1,664,683	1,726,040	6,457,003
Inclusion: Adult Non ABD (18+)	1,705,865	1,953,801	2,187,381	2,346,181	8,193,228
Inclusion: Child Non ABD (0-17)	6,645,497	7,521,817	8,121,218	8,536,450	30,824,982



Definitions

- **Aged Blind and Disabled (ABD) population**, as defined by the North Carolina Department of Health and Human Services, includes those individuals eligible for Medicaid who are age 65 or older, blind, or disabled.
- **Adult Non-ABD population**, as defined by the North Carolina Department of Health and Human Services, includes those adults, over the age of 18, who are eligible for Medicaid and are not included as part of or eligible for the Aged Blind and Disabled population.
- **Child Non-ABD population**, as defined by the North Carolina Department of Health and Human Services, includes children, aged 0-18, who are eligible for Medicaid and are not included as part of or eligible for the Aged Blind and Disabled population.
- **Potentially Preventable Readmissions (PPRs)** are readmissions (return hospitalization within a specified readmission time interval) that are clinically-related to the initial hospital admission. Clinically-related is defined as a requirement that the underlying reason for readmission be plausibly related to the care rendered during or immediately following a prior hospital admission. The PPR system, developed by 3M HIS, is clinically-based, uses administrative data, and incorporates a risk adjustment component—APR-DRGs—that takes into account a hospital's mix of patients.
- **Potentially Preventable Admissions (PPAs)** are a methodology developed by 3M® HIS, are facility admissions that may have resulted from the lack of adequate access to care or ambulatory care coordination. They are essentially ambulatory sensitive conditions (e.g., asthma) for which adequate patient monitoring and follow-up (e.g., medication management) can often avoid the need for admission. The occurrence of high rates of PPAs represents a failure of the ambulatory care provided to the patient.
- **PKPY** is Per Thousand Members Per Year.
- **"Expected"** rates of service utilization per thousand members per year (PKPY) are calculated across the entire population of enrolled and unenrolled over the four years using Clinical Risk Group (CRG), Age, and Gender. These "expecteds" are then applied back to the CRG, Age, and Gender of the observed patients, enrolled and unenrolled, in each program area by each year.
- **"% Diff"** is the percent difference between expected and actual rates.

- **Clinical Risk Groups (CRGs)**, developed by 3M® HIS, are used for health status categorization. CRGs form the foundation of a population classification system that helps to predict the amount and type of healthcare services that individuals should have used in the past [retrospective] or can be expected to use in the future [prospective]. CRGs are the basis of a categorical clinical model that uses standard claims data—including inpatient, outpatient, physician, and pharmacy data – to assign each patient to a single mutually exclusive risk category.

Using standard demographics, diagnostic, and procedure data, all individuals are assigned to one of nine health status categories—ranging from healthy to catastrophic conditions. Each status is subdivided into CRGs, with chronic illnesses and conditions being further subdivided into explicit severity of illness levels.

	Catastroph	Malignant	Triple Dominant Chronic	Pair Dominant Chronic	Single Dominant Chronic	Multiple Minor Chronic	Single Minor Chronic	Hist of Signif	Healthy	
Status	9	8	7	6	5	4	3	2	1	
Base										
ACRG3	1	1	1	1	1	1	1	4	5	16
ACRG3	6	5	6	6	6	4	2	4	5	44
Base										
ACRG2	6	1	2	8	10	1	3	22	18	71
ACRG2	24	5	12	48	44	4	6	22	18	183
Base										
ACRG1	10	3	7	24	36	1	16	22	18	137
ACRG1	40	12	42	140	138	4	32	22	18	448
Base CRG	11	22	21	61	106	1	41	22	18	303
CRG	44	88	126	328	396	4	82	22	18	1108
Sev	1-4	1-4	1-6	1-6	1-4	1-4	1-2	0	0	

As shown in the chart above, CRGs are consolidated into three tiers of aggregation referred to as Aggregated Clinical Risk Groups (ACRGs). The three successive tiers of aggregation are referred to as ACRG1, ACRG2 and ACRG3, with ACRG3 being the highest level of aggregation, consisting of severity adjusted statuses. Each successive tier maintains status and severity levels while reducing the number of groups and, where appropriate, adjusting severity levels. Although the aggregation of CRGs reduces clinical precision, the aggregation into ACRGs maintains clinical meaningfulness. The ACRGs take into consideration the future medical care needs and clinical similarity of the individuals assigned to the Aggregated CRGs. 3M® has defined four levels of CRG assignments per individual: CRG, ACRG1, ACRG2, and ACRG3 ("A" refers to aggregated). Treo Solutions uses a custom grouping of ACRG3s to achieve another level of aggregation.

- **The IQR Methodology** uses the interquartile range (IQR), also called the mid-spread or middle fifty, as a measure of statistical dispersion, being equal to the difference between the upper and lower quartiles.



Performance Analysis:

Healthcare Utilization of
CCNC-Enrolled Population
2007-2010

Section 4: Appendix - Tables 1-48



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 1

2010 AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)				
CCNC Status	ACRG3	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	374,476	10,082.0	48.3%
Enrolled	50 - Single Dominant or Moderate Chronic	117,497	6,011.2	15.2%
Enrolled	70 - Triples - Multiple Dominant Chronic	115,417	15,054.4	14.9%
Enrolled	90 - Catastrophic	86,438	20,552.7	11.1%
Enrolled	30 - Single Minor Chronic	20,426	4,332.5	2.6%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	147,543	9,030.7	45.9%
Unenrolled	50 - Single Dominant or Moderate Chronic	46,104	5,132.9	14.3%
Unenrolled	70 - Triples - Multiple Dominant Chronic	46,855	13,592.0	14.6%
Unenrolled	90 - Catastrophic	38,641	21,103.8	12.0%
Unenrolled	30 - Single Minor Chronic	7,905	4,279.1	2.5%

Table 2

2010 AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY BASE CRG (TOP 5 ENROLLED POPULATION)				
CCNC Status	Base CRG	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	6171 - Schizophrenia and Other Moderate Chronic Disease	47,384	9,723.6	6.1%
Enrolled	6260 - One Other Dominant Chronic Disease and One or More Moderate Chronic Disease	28,792	13,085.8	3.7%
Enrolled	6170 - Schizophrenia and Other Dominant Chronic Disease	28,210	13,996.5	3.6%
Enrolled	9070 - Congenital Quadriplegia, Diplegia or Hemiplegia	23,731	22,911.9	3.1%
Enrolled	7071 - Diabetes - Hypertension - Other Dominant Chronic Disease	22,750	10,952.0	2.9%
Unenrolled	6171 - Schizophrenia and Other Moderate Chronic Disease	18,147	8,672.1	5.6%
Unenrolled	6260 - One Other Dominant Chronic Disease and One or More Moderate Chronic Disease	12,321	13,937.8	3.8%
Unenrolled	6170 - Schizophrenia and Other Dominant Chronic Disease	8,665	12,702.2	2.7%
Unenrolled	9070 - Congenital Quadriplegia, Diplegia or Hemiplegia	5,891	18,926.7	1.8%
Unenrolled	7071 - Diabetes - Hypertension - Other Dominant Chronic Disease	8,195	9,898.3	2.5%

Table 3

2010 AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION REVIEW (BASE CRG 6171)			
CCNC Status	CRG	PCP Visits	PCP Visits PKPY
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	17,334	8,812.4
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	15,048	10,646.5
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	7,268	11,755.8
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	3,447	6,198.7
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	2,170	12,683.9
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	2,117	14,376.9
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	6,730	8,535.2
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	5,303	8,981.8
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	2,701	10,097.2
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	1,714	5,766.2
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	902	12,470.0
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	797	10,470.0



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 4

2010 AGED/BLIND/DISABLED PHARMACY UTILIZATION REVIEW (BASE CRG 6171)

CCNC Status	CRG	Drug Scripts	Drug Scripts PKPY
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	90,274	45,894.3
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	87,770	62,097.8
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	46,077	74,528.1
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	14,626	26,301.8
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	11,953	69,866.5
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	10,603	72,006.8
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	34,896	44,256.2
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	32,143	54,441.2
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	18,490	69,121.5
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	7,131	23,989.9
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	4,380	60,553.0
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	3,905	50,990.2

Table 5

2010 AGED/BLIND/DISABLED INPATIENT UTILIZATION (BASE CRG 6171)

CCNC Status	CRG	Total Admissions	Admits PKPY	PPR PKPY	PPA PKPY
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	382	2,594.2	624.8	61.1
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	364	257.5	25.5	21.2
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	293	473.9	59.8	48.5
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	267	135.7	11.2	13.2
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	254	1,484.7	210.4	76.0
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	12	21.6	0.0	3.6
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	246	3,212.2	874.9	78.3
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	221	374.3	28.8	22.0
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	187	699.1	115.9	44.9
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	145	183.9	17.8	21.6
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	133	1,838.7	331.8	82.9
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	14	47.1	3.4	3.4

Table 6

2010 AGED/BLIND/DISABLED OUTPATIENT ER UTILIZATION REVIEW (BASE CRG 6171)

CCNC Status	CRG	ER Visits	ER Visits PKPY
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	2,296	1,167.3
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	2,902	2,053.2
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	1,994	3,225.2
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	469	843.4
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	746	4,360.4
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	864	5,867.6
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	1,147	1,454.7
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	1,465	2,481.3
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	974	3,641.1
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	278	935.2
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	289	3,995.4
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	470	6,137.1



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 7

2010 AGED/BLIND/DISABLED DEMOGRAPHIC COMPARISON (BASE CRG 6171)			
CCNC Status	CRG	Percent of Members Female	Average Age
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	42.5%	35.7
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	44.9%	34.9
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	60.3%	35.2
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	67.0%	35.7
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	56.2%	36.1
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	51.3%	36.0
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	41.2%	37.5
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	48.8%	34.7
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	57.3%	36.5
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	62.9%	37.5
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	58.8%	36.1
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	50.0%	36.6

Table 8

2010 ADULT NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)				
CCNC Status	ACRG3	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	205,077	9,159.8	29.8%
Enrolled	50 - Single Dominant or Moderate Chronic	120,499	5,504.6	17.5%
Enrolled	10 - Health	95,015	2,222.9	13.8%
Enrolled	22 - Delivery with Significant Illness	75,035	13,338.2	10.9%
Enrolled	30 - Single Minor Chronic	52,447	5,170.9	7.6%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	73,857	8,506.3	24.3%
Unenrolled	50 - Single Dominant or Moderate Chronic	44,609	5,052.3	14.6%
Unenrolled	10 - Health	35,680	2,129.9	11.7%
Unenrolled	22 - Delivery with Significant Illness	56,289	14,310.8	18.5%
Unenrolled	30 - Single Minor Chronic	19,450	4,855.5	6.4%

Table 9

2010 ADULT NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY BASE CRG (TOP 5 ENROLLED POPULATION)				
CCNC Status	Base CRG	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	1000 - Healthy	95,015	2,222.9	13.8%
Enrolled	2072 - Delivery with Complications with Other Significant Illness	45,473	14,080.5	6.6%
Enrolled	5192 - Hypertension	30,994	5,052.1	4.5%
Enrolled	2073 - Delivery without Complications with Other Significant Illness	29,562	12,337.6	4.3%
Enrolled	6171 Schizophrenia and Other Moderate Chronic Disease	27,801	9,645.0	4.0%
Unenrolled	1000 - Healthy	35,680	2,129.9	11.7%
Unenrolled	2072 - Delivery with Complications with Other Significant Illness	34,926	15,248.8	11.5%
Unenrolled	5192 - Hypertension	10,223	4,393.1	3.4%
Unenrolled	2073 - Delivery without Complications with Other Significant Illness	21,363	13,003.1	7.0%
Unenrolled	6171 Schizophrenia and Other Moderate Chronic Disease	9,131	8,697.6	3.0%



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 10

2010 ADULT NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION REVIEW (BASE CRG 6171)

CCNC Status	CRG	Total PCP Visits	PCP Visits PKPY
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	10,900	10,484.1
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	7,739	7,858.8
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	5,697	12,918.4
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	1,790	6,240.6
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	929	13,678.5
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	746	11,983.9
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	3,370	9,431.0
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	2,620	7,150.3
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	1,955	11,753.5
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	465	4,390.2
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	456	14,829.3
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	265	11,480.1

Table 11

2010 ADULT NON AGED/BLIND/DISABLED PHARMACY UTILIZATION REVIEW (BASE CRG 6171)

CCNC Status	CRG	Drug Scripts	Drug Scripts PKPY
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	59,153	56,896.1
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	47,637	48,374.7
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	30,978	70,244.9
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	9,132	31,837.3
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	4,956	72,971.8
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	4,720	75,823.3
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	18,089	50,622.2
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	15,482	42,252.4
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	9,135	54,919.8
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	2,445	23,084.2
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	1,916	62,308.9
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	1,415	61,299.6

Table 12

2010 ADULT NON AGED/BLIND/DISABLED INPATIENT UTILIZATION REVIEW (BASE CRG 6171)

CCNC Status	CRG	Total Admissions	Admits PKPY	PPR PKPY	PPA PKPY
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	325	312.6	30.8	35.6
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	250	566.9	43.1	63.5
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	175	177.7	13.2	13.2
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	148	2,179.1	382.8	162.0
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	92	1,477.9	112.4	80.3
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	11	38.3	0.0	7.0
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	166	464.6	42.0	36.4
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	146	877.8	78.2	84.2
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	117	319.3	38.2	35.5
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	93	3,024.4	780.5	97.6
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	39	1,689.5	303.2	43.3
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	4	37.8	0.0	9.4



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 13

2010 ADULT NON AGED/BLIND/DISABLED OUTPATIENT ER UTILIZATION REVIEW (BASE CRG 6171)

CCNC Status	CRG	ER Visits	ER Visits PKPY
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	3,741	3,598.3
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	2,433	2,470.7
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	2,496	5,659.9
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	449	1,565.4
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	510	7,509.2
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	277	4,449.8
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	1,616	4,522.4
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	1,060	2,892.9
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	1,008	6,060.1
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	224	2,114.9
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	292	9,495.9
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	104	4,505.4

Table 14

2010 ADULT NON AGED/BLIND/DISABLED DEMOGRAPHIC COMPARISON (BASE CRG 6171)

CCNC Status	CRG	Percent of Members Female	Average Age
Enrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	78.0%	36.6
Enrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	81.5%	37.3
Enrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	85.3%	37.4
Enrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	84.6%	35.9
Enrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	77.7%	32.1
Enrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	82.7%	32.9
Unenrolled	61711 - Schizophrenia and Other Moderate Chronic Disease Level - 1	74.6%	36.4
Unenrolled	61712 - Schizophrenia and Other Moderate Chronic Disease Level - 2	80.7%	36.4
Unenrolled	61713 - Schizophrenia and Other Moderate Chronic Disease Level - 3	84.8%	35.9
Unenrolled	61714 - Schizophrenia and Other Moderate Chronic Disease Level - 4	83.1%	35.1
Unenrolled	61715 - Schizophrenia and Other Moderate Chronic Disease Level - 5	75.4%	31.0
Unenrolled	61716 - Schizophrenia and Other Moderate Chronic Disease Level - 6	80.3%	31.3

Table 15

2010 CHILD NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	10 - Healthy	1,234,781	3,545.8	41.4%
Enrolled	50 - Single Dominant or Moderate Chronic	504,902	7,208.9	16.9%
Enrolled	20 - Significant Acute	481,135	8,252.3	16.1%
Enrolled	30 - Single Minor Chronic	230,893	5,965.7	7.7%
Enrolled	15 - Evidence of significant Chronic or Acute Diagnosis without Other Significant Illness	203,344	7,734.6	7.7%
Unenrolled	10 - Healthy	168,710	3,147.3	49.7%
Unenrolled	50 - Single Dominant or Moderate Chronic	87,921	7,222.2	25.9%
Unenrolled	20 - Significant Acute	54,590	7,063.8	16.1%
Unenrolled	30 - Single Minor Chronic	39,158	5,965.9	11.5%
Unenrolled	15 - Evidence of significant Chronic or Acute Diagnosis without Other Significant Illness	75,140	12,103.9	22.1%



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 16

2010 CHILD NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY BASE CRG (TOP 5 ENROLLED POPULATION)

CCNC Status	Base CRG	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	1000 - Healthy	1,234,781	3,545.8	41.4%
Enrolled	5138 - Asthma	273,983	7,856.9	9.2%
Enrolled	2040- 1 Significant Acute ENT Illness - Span 90	243,432	9,169.1	8.2%
Enrolled	1007 - Newborn without Other Significant Illness	146,727	11,339.2	4.9%
Enrolled	2020 - 1 Significant Acute Illness - Span 90 Excluding ENT	109,326	9,755.6	3.7%
Unenrolled	1000 - Healthy	168,710	3,147.3	33.2%
Unenrolled	5138 - Asthma	32,870	6,954.7	6.5%
Unenrolled	2040- 1 Significant Acute ENT Illness - Span 90	25,763	8,458.2	5.1%
Unenrolled	1007 - Newborn without Other Significant Illness	66,544	16,302.1	13.1%
Unenrolled	2020 - 1 Significant Acute Illness - Span 90 Excluding ENT	11,557	8,309.4	2.3%

Table 17

2010 CHILD NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION REVIEW (BASE CRG 5138)

CCNC Status	CRG	Total PCP Visits	PCP Visits PKPY
Enrolled	51382 - Asthma Level - 2	124,847	8,776.4
Enrolled	51382 - Asthma Level - 1	108,849	6,262.0
Enrolled	51382 - Asthma Level - 3	39,600	12,321.1
Enrolled	51382 - Asthma Level - 4	687	13,832.2
Unenrolled	51382 - Asthma Level - 2	15,441	7,831.8
Unenrolled	51382 - Asthma Level - 1	12,498	5,346.2
Unenrolled	51382 - Asthma Level - 3	4,858	11,875.3
Unenrolled	51382 - Asthma Level - 4	73	9,221.1

Table 18

2010 CHILD NON AGED/BLIND/DISABLED PHARMACY UTILIZATION REVIEW (BASE CRG 5138)

CCNC Status	Base CRG	Drug Scripts	Drug Scripts PKPY
Enrolled	51382 - Asthma Level - 2	271,884	19,112.8
Enrolled	51382 - Asthma Level - 1	217,839	12,532.0
Enrolled	51382 - Asthma Level - 3	60,710	18,889.2
Enrolled	51382 - Asthma Level - 4	1,197	24,100.7
Unenrolled	51382 - Asthma Level - 2	32,839	16,656.2
Unenrolled	51382 - Asthma Level - 1	25,025	10,704.7
Unenrolled	51382 - Asthma Level - 3	6,368	15,566.5
Unenrolled	51382 - Asthma Level - 4	115	14,526.3



Utilization by Discrete Health Status (CRG) Categories (Tables 1-21)

Table 19

2010 CHILD NON AGED/BLIND/DISABLED INPATIENT UTILIZATION REVIEW (BASE CRG 5138)					
CCNC Status	CRG	Total Admissions	Admits PKPY	PPR PKPY	PPA PKPY
Enrolled	51382 - Asthma Level - 2	1,754	123.3	3.0	106.9
Enrolled	51383 - Asthma Level - 3	573	178.3	9.3	149.0
Enrolled	51381 - Asthma Level - 1	364	20.9	0.1	13.3
Enrolled	51384 - Asthma Level - 4	110	2,214.8	140.9	1,993.3
Unenrolled	51382 - Asthma Level - 2	326	165.3	2.5	143.0
Unenrolled	51383 - Asthma Level - 3	105	256.7	4.9	224.9
Unenrolled	51381 - Asthma Level - 1	56	24.0	0.0	9.8
Unenrolled	51384 - Asthma Level - 4	19	2,400.0	0.0	2,400.0

Table 20

2010 CHILD NON AGED/BLIND/DISABLED OUTPATIENT ER UTILIZATION REVIEW (BASE CRG 5138)			
CCNC Status	CRG	ER Visits	ER Visits PKPY
Enrolled	51382 - Asthma Level - 2	16,863	1,185.4
Enrolled	51381 - Asthma Level - 1	14,302	822.8
Enrolled	51383 - Asthma Level - 3	4,279	1,331.4
Enrolled	51384 - Asthma Level - 4	88	1,771.8
Unenrolled	51382 - Asthma Level - 2	2,546	1,291.4
Unenrolled	51381 - Asthma Level - 1	2,305	986.0
Unenrolled	51383 - Asthma Level - 3	596	1,456.9
Unenrolled	51384 - Asthma Level - 4	20	2,526.3

Table 21

2010 CHILD NON AGED/BLIND/DISABLED DEMOGRAPHIC COMPARISON (BASE CRG 5138)			
CCNC Status	CRG	Percent of Members Female	Average Age
Enrolled	51381 - Asthma Level - 1	42.3%	8.5
Enrolled	51382 - Asthma Level - 2	40.1%	8.5
Enrolled	51383 - Asthma Level - 3	39.1%	8.5
Enrolled	51384 - Asthma Level - 4	32.2%	5.9
Unenrolled	51381 - Asthma Level - 1	42.0%	8.5
Unenrolled	51382 - Asthma Level - 2	40.2%	8.5
Unenrolled	51383 - Asthma Level - 3	39.0%	8.3
Unenrolled	51384 - Asthma Level - 4	28.6%	5.2



Inpatient Utilization Detail - All Populations (Tables 22-30)

Table 22

2010 AGED/BLIND/DISABLED INPATIENT UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total IP Visits	IP Visits PKPY	Percent of IP Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	12,312	331.5	42.2%
Enrolled	70 - Triples - Multiple Dominant Chronic	8,235	1,074.1	28.2%
Enrolled	90 - Catastrophic	3,897	926.6	13.4%
Enrolled	80 - Malignancies - Metastatic, Complicated or Dominant	2,423	1,643.4	8.3%
Enrolled	50 - Single Dominant or Moderate Chronic	1,387	71.0	4.8%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	10,314	631.2	43.7%
Unenrolled	70 - Triples - Multiple Dominant Chronic	5,416	1,571.1	22.9%
Unenrolled	90 - Catastrophic	2,650	1,447.3	11.2%
Unenrolled	80 - Malignancies - Metastatic, Complicated or Dominant	3,070	2,461.9	13.0%
Unenrolled	50 - Single Dominant or Moderate Chronic	1,532	170.5	6.5%

Table 23

2010 AGED/BLIND/DISABLED INPATIENT UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total IP Visits	IP Visits PKPY	Percent of IP Visits
Enrolled	715 - Triple - Three Dominant Chronic or Other Specified Disease	6,719	969.5	23.0%
Enrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	4,651	560.0	15.9%
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	3,365	305.0	11.5%
Enrolled	810 - Metastatic, Dominant, or Complicated Malignancies	2,423	1,643.4	8.3%
Enrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	2,331	311.8	8.0%
Unenrolled	715 - Triple - Three Dominant Chronic or Other Specified Disease	4,378	1,409.5	18.5%
Unenrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	4,393	1,012.8	18.6%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	2,242	472.2	9.5%
Unenrolled	810 - Metastatic, Dominant, or Complicated Malignancies	3,070	2,461.9	13.0%
Unenrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	1,848	615.9	7.8%

Table 24

2010 ADULT NON AGED/BLIND/DISABLED INPATIENT UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total IP Visits	IP Visits PKPY	Percent of IP Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	6,416	286.7	32.1%
Enrolled	22 - Delivery with Significant Illness	5,656	1,005.4	28.3%
Enrolled	12 - Delivery with Other Significant Illness	2,682	913.9	13.4%
Enrolled	50 - Single Dominant or Moderate Chronic	1,740	79.5	8.7%
Enrolled	70 - Triples - Multiple Dominant Chronic	1,311	1,133.3	6.6%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	5,424	624.7	28.4%
Unenrolled	22 - Delivery with Significant Illness	4,895	1,244.5	25.7%
Unenrolled	12 - Delivery with Other Significant Illness	2,576	1,145.1	13.5%
Unenrolled	50 - Single Dominant or Moderate Chronic	2,366	268.0	12.4%
Unenrolled	70 - Triples - Multiple Dominant Chronic	954	2,154.3	5.0%



Inpatient Utilization Detail - All Populations (Tables 22-30)

Table 25

2010 ADULT NON AGED/BLIND/DISABLED INPATIENT UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total IP Visits	IP Visits PKPY	Percent of IP Visits
Enrolled	272 - Delivery with Complications with Other Significant Illness	3,389	1,049.4	16.9%
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	2,479	318.5	12.4%
Enrolled	273 - Delivery with Complications with Other Significant Illness	2,267	946.1	11.3%
Enrolled	103 - Delivery without Complications without Other Significant Illness	1,611	910.0	8.1%
Enrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	1,225	591.4	6.1%
Unenrolled	272 - Delivery with Complications with Other Significant Illness	3,008	1,313.3	15.8%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	1,643	542.8	8.6%
Unenrolled	273 - Delivery with Complications with Other Significant Illness	1,887	1,148.6	9.9%
Unenrolled	103 - Delivery without Complications without Other Significant Illness	1,557	1,117.5	8.2%
Unenrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	1,222	1,363.6	6.4%

Table 26

2010 CHILD NON AGED/BLIND/DISABLED INPATIENT UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total IP Visits	IP Visits PKPY	Percent of IP Visits
Enrolled	50 - Single Dominant or Moderate Chronic	5,570	79.5	34.2%
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	3,385	274.5	20.8%
Enrolled	25 - Evidence of Significant Chronic or Acute Diagnosis with History of Significant Acute Illness	1,618	129.4	9.9%
Enrolled	20 - Significant Acute	1,206	20.7	7.4%
Enrolled	10 - Healthy	1,171	3.4	7.2%
Unenrolled	50 - Single Dominant or Moderate Chronic	1,359	111.6	30.0%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	955	303.4	21.1%
Unenrolled	25 - Evidence of Significant Chronic or Acute Diagnosis with History of Significant Acute Illness	470	210.6	10.4%
Unenrolled	20 - Significant Acute	236	30.5	5.2%
Unenrolled	10 - Healthy	274	5.1	6.0%

Table 27

2010 CHILD NON AGED/BLIND/DISABLED INPATIENT UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total IP Visits	IP Visits PKPY	Percent of IP Visits
Enrolled	272 - Delivery with Complications with Other Significant Illness	2,883	82.1	17.7%
Enrolled	100 - Healthy	1,171	3.4	7.2%
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	1,163	198.4	7.1%
Enrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance Abuse	1,100	64.4	6.8%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	947	182.2	5.8%
Unenrolled	272 - Delivery with Complications with Other Significant Illness	529	110.9	11.7%
Unenrolled	100 - Healthy	274	5.1	6.0%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	398	252.5	8.8%
Unenrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance Abuse	433	97.4	9.6%
Unenrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	193	210.4	4.3%



Inpatient Utilization Detail - All Populations (Tables 22-30)

Table 28

2010 AGED/BLIND/DISABLED INPATIENT UTILIZATION BY SERVICE LINE

CCNC Status	Service Line	Total IP Visits	Percent of IP Visits
Enrolled	Mental Health	4,168	14.3%
Enrolled	Pulmonary	3,935	13.5%
Enrolled	Gastroenterology	2,766	9.5%
Enrolled	Cardiology	2,420	8.3%
Enrolled	General Surgery	1,601	5.5%
Unenrolled	Mental Health	2,692	11.4%
Unenrolled	Pulmonary	2,746	11.6%
Unenrolled	Gastroenterology	2,283	9.7%
Unenrolled	Cardiology	2,312	9.8%
Unenrolled	General Surgery	1,517	6.4%

Table 29

2010 ADULT NON AGED/BLIND/DISABLED INPATIENT UTILIZATION BY SERVICE LINE

CCNC Status	Service Line	Total IP Visits	Percent of IP Visits
Enrolled	Obstetrics/Delivery	7,029	35.2%
Enrolled	Mental Health	2,054	10.3%
Enrolled	Other Obstetrics	1,285	6.4%
Enrolled	General Surgery	1,235	6.2%
Enrolled	Gastroenterology	1,216	6.1%
Unenrolled	Obstetrics/Delivery	6,274	32.9%
Unenrolled	Mental Health	1,316	6.9%
Unenrolled	Other Obstetrics	1,115	5.8%
Unenrolled	General Surgery	1,389	7.3%
Unenrolled	Gastroenterology	1,381	7.2%

Table 30

2010 CHILD NON AGED/BLIND/DISABLED INPATIENT UTILIZATION BY SERVICE LINE

CCNC Status	Service Line	Total IP Visits	Percent of IP Visits
Enrolled	Pulmonary	4,396	27.0%
Enrolled	Mental Health	1,953	12.0%
Enrolled	Gastroenterology	1,222	7.5%
Enrolled	Infectious Disease	1,210	7.4%
Enrolled	General Surgery	997	6.1%
Unenrolled	Pulmonary	940	20.8%
Unenrolled	Mental Health	817	18.0%
Unenrolled	Gastroenterology	297	6.6%
Unenrolled	Infectious Disease	286	6.3%
Unenrolled	General Surgery	318	7.0%



ER Utilization Detail - All Populations (Tables 31-36)

Table 31

2010 AGED/BLIND/DISABLED EMERGENCY ROOM UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total ER Visits	ER Visits PKPY	Percent of Total ER Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	56,807	1,529.4	49.7%
Enrolled	70 - Triples - Multiple Dominant Chronic	17,925	2,338.0	15.7%
Enrolled	50 - Single Dominant or Moderate Chronic	15,442	790.0	13.5%
Enrolled	90 - Catastrophic	7,138	1,697.2	6.2%
Enrolled	10 - Healthy	4,811	471.3	4.2%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	30,818	1,886.1	47.2%
Unenrolled	70 - Triples - Multiple Dominant Chronic	9,662	2,802.8	14.8%
Unenrolled	50 - Single Dominant or Moderate Chronic	9,346	1,040.3	14.3%
Unenrolled	90 - Catastrophic	3,970	2,168.2	6.1%
Unenrolled	10 - Healthy	2,591	523.5	4.0%

Table 32

2010 AGED/BLIND/DISABLED EMERGENCY ROOM UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total ER Visits	ER Visits PKPY	Percent of Total ER Visits
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	20,173	1,828.7	17.6%
Enrolled	715 - Triple - Three Dominant Chronic or Other Specified Disease	16,162	2,332.1	14.1%
Enrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	13,847	1,667.2	12.1%
Enrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	10,345	1,383.6	9.0%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	8,621	1,297.3	7.5%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	10,965	2,309.4	16.8%
Unenrolled	715 - Triple - Three Dominant Chronic or Other Specified Disease	8,592	2,766.2	13.2%
Unenrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	8,811	2,031.3	13.5%
Unenrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	4,944	1,647.8	7.6%
Unenrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	3,919	1,562.0	6.0%

Table 33

2010 ADULT NON AGED/BLIND/DISABLED EMERGENCY ROOM UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total ER Visits	ER Visits PKPY	Percent of Total ER Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	57,339	2,561.0	31.3%
Enrolled	50 - Single Dominant or Moderate Chronic	30,764	1,405.4	16.8%
Enrolled	10 - Healthy	29,519	690.6	16.1%
Enrolled	30 - Single Minor Chronic	16,293	1,606.4	8.9%
Enrolled	22 - Delivery with Other Significant Illness	11,812	2,099.7	6.5%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	28,601	3,294.0	26.4%
Unenrolled	50 - Single Dominant or Moderate Chronic	17,438	1,975.0	16.1%
Unenrolled	10 - Healthy	19,394	1,157.7	17.9%
Unenrolled	30 - Single Minor Chronic	8,543	2,132.7	7.9%
Unenrolled	22 - Delivery with Other Significant Illness	9,324	2,370.5	8.6%



ER Utilization Detail - All Populations (Tables 31-36)

Table 34

2010 ADULT NON AGED/BLIND/DISABLED EMERGENCY ROOM UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total ER Visits	ER Visits PKPY	Percent of Total ER Visits
Enrolled	100 - Healthy	29,519	690.6	16.1%
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	25,576	3,286.1	14.0%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	16,501	2,240.9	9.0%
Enrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance	11,409	1,556.9	6.2%
Enrolled	310 - Minor Chronic Musculoskeletal	8,054	2,467.0	4.4%
Unenrolled	100 - Healthy	19,394	1,157.7	17.9%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	12,318	4,069.3	11.4%
Unenrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	7,914	2,899.0	7.3%
Unenrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance	6,515	2,058.5	6.0%
Unenrolled	310 - Minor Chronic Musculoskeletal	3,509	3,124.4	3.2%

Table 35

2010 CHILD NON AGED/BLIND/DISABLED EMERGENCY ROOM UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total ER Visits	ER Visits PKPY	Percent of Total ER Visits
Enrolled	10 - Healthy	138,034	396.4	41.5%
Enrolled	20 - Significant Acute	59,973	1,028.6	18.0%
Enrolled	50 - Single Dominant or Moderate Chronic	59,391	848.0	17.9%
Enrolled	30 - Single Minor Chronic	22,244	574.7	6.7%
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	16,452	1,202.7	4.9%
Unenrolled	10 - Healthy	26,180	488.4	43.0%
Unenrolled	20 - Significant Acute	9,057	1,171.9	14.9%
Unenrolled	50 - Single Dominant or Moderate Chronic	10,352	850.4	17.0%
Unenrolled	30 - Single Minor Chronic	3,623	552.0	5.9%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	4,207	677.7	6.9%

Table 36

2010 CHILD NON AGED/BLIND/DISABLED EMERGENCY ROOM UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total ER Visits	ER Visits PKPY	Percent of Total ER Visits
Enrolled	100 - Healthy	138,034	396.4	41.5%
Enrolled	515 - Dominant Or Moderate Chronic - Respiratory	35,891	1,021.5	10.8%
Enrolled	240 - Significant Acute - One from ENT MDC - Span 90	21,159	797.0	6.4%
Enrolled	220 - Significant Acute - One Span 90 excluding ENT MDC	18,980	1,693.7	5.7%
Enrolled	320 - Minor Chronic Except Musculoskeletal and Mental Illness and Substance Abuse	10,683	678.1	3.2%
Unenrolled	100 - Healthy	26,180	488.4	43.0%
Unenrolled	515 - Dominant Or Moderate Chronic - Respiratory	5,524	1,158.3	9.1%
Unenrolled	240 - Significant Acute - One from ENT MDC - Span 90	2,563	841.5	4.2%
Unenrolled	220 - Significant Acute - One Span 90 excluding ENT MDC	2,854	2,052.0	4.7%
Unenrolled	320 - Minor Chronic Except Musculoskeletal and Mental Illness and Substance Abuse	1,656	751.1	2.7%



PCP Utilization Detail - All Populations (Tables 37-42)

Table 37

2010 AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)				
CCNC Status	ACRG3	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	374,476	10,082.0	48.3%
Enrolled	50 - Single Dominant or Moderate Chronic	117,497	6,011.2	15.2%
Enrolled	70 - Triples - Multiple Dominant Chronic	115,417	15,054.4	14.9%
Enrolled	90 - Catastrophic	86,438	20,552.7	11.1%
Enrolled	30 - Single Minor Chronic	20,426	4,331.5	2.6%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	147,543	9,029.7	45.9%
Unenrolled	50 - Single Dominant or Moderate Chronic	46,104	5,131.9	14.3%
Unenrolled	70 - Triples - Multiple Dominant Chronic	46,855	13,592.0	14.6%
Unenrolled	90 - Catastrophic	38,641	21,103.8	12.0%
Unenrolled	30 - Single Minor Chronic	7,905	4,279.1	2.5%

Table 38

2010 AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)				
CCNC Status	ACRG2	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	113,822	10,318.1	14.7%
Enrolled	715 - Triple - Three Dominant Chronic or Other Specified Disease	100,254	14,466.1	12.9%
Enrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	93,214	11,223.4	12.0%
Enrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	86,392	11,554.4	11.1%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	51,967	7,819.9	6.7%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	42,086	8,863.8	13.1%
Unenrolled	715 - Triple - Three Dominant Chronic or Other Specified Disease	39,605	12,750.8	12.3%
Unenrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Disease with a Minor Chronic II	44,137	10,175.5	13.7%
Unenrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	31,583	10,526.2	9.8%
Unenrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	17,501	6,975.5	5.4%

Table 39

2010 ADULT NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)				
CCNC Status	ACRG3	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	205,077	9,159.8	29.8%
Enrolled	50 - Single Dominant or Moderate Chronic	120,499	5,504.6	17.5%
Enrolled	10 - Healthy	95,015	2,222.9	13.8%
Enrolled	22 - Delivery with Other Significant Illness	75,035	13,338.2	10.9%
Enrolled	30 - Single Minor Chronic	52,447	5,170.9	7.6%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	73,857	8,506.3	24.3%
Unenrolled	50 - Single Dominant or Moderate Chronic	44,609	5,052.3	14.6%
Unenrolled	10 - Healthy	35,680	2,129.9	11.7%
Unenrolled	22 - Delivery with Other Significant Illness	56,289	14,310.8	18.5%
Unenrolled	30 - Single Minor Chronic	19,450	4,855.5	6.4%



PCP Utilization Detail - All Populations (Tables 37-42)

Table 40

2010 ADULT NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	100 - Healthy	95,015	2,222.9	13.8%
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	73,977	9,504.9	10.8%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	64,123	8,708.3	9.3%
Enrolled	272 - Delivery with Complications with Other Significant Illness	45,473	14,080.5	6.6%
Enrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance Abuse	40,775	5,564.1	5.9%
Unenrolled	100 - Healthy	35,680	2,129.9	11.7%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	26,132	8,632.7	8.6%
Unenrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	21,435	7,851.9	7.0%
Unenrolled	272 - Delivery with Complications with Other Significant Illness	34,926	15,248.8	11.5%
Unenrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance Abuse	15,949	5,039.3	5.2%

Table 41

2010 CHILD NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total PCP Visits	PCP PKPY	Percent of PCP Visits
Enrolled	10 - Healthy	1,234,781	3,545.8	41.4%
Enrolled	50 - Single Dominant or Moderate Chronic	504,902	7,208.9	16.9%
Enrolled	20 - Significant Acute	481,135	8,252.3	16.1%
Enrolled	30 - Single Minor Chronic	230,893	5,965.7	7.7%
Enrolled	15 - Evidence of Significant Chronic or Acute Diagnosis without Significant Illness	203,344	7,734.6	6.8%
Unenrolled	10 - Healthy	168,710	3,147.3	33.2%
Unenrolled	50 - Single Dominant or Moderate Chronic	87,921	7,222.2	17.3%
Unenrolled	20 - Significant Acute	54,590	7,063.8	10.7%
Unenrolled	30 - Single Minor Chronic	39,158	5,965.9	7.7%
Unenrolled	15 - Evidence of Significant Chronic or Acute Diagnosis without Significant Illness	75,140	12,103.9	14.8%

Table 42

2010 CHILD NON AGED/BLIND/DISABLED PRIMARY CARE PHYSICIAN UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total PCP Visits	PCP Visits PKPY	Percent of PCP Visits
Enrolled	100 - Healthy	1,234,781	3,545.8	41.4%
Enrolled	515 - Dominant Or Moderate Chronic - Respiratory	278,060	7,914.3	9.3%
Enrolled	240 - Significant Acute - One from ENT MDC - Span 90	243,432	9,169.1	8.2%
Enrolled	107 - Newborn without Other Significant Illness	146,727	11,339.2	4.9%
Enrolled	220 - Significant Acute - One Span 90 excluding ENT MDC	109,326	9,756.6	3.7%
Unenrolled	100 - Healthy	168,710	3,147.3	33.2%
Unenrolled	515 - Dominant Or Moderate Chronic - Respiratory	34,503	7,234.9	6.8%
Unenrolled	240 - Significant Acute - One from ENT MDC - Span 90	25,763	8,458.2	5.1%
Unenrolled	107 - Newborn without Other Significant Illness	66,544	16,302.1	13.1%
Unenrolled	220 - Significant Acute - One Span 90 excluding ENT MDC	11,557	8,309.4	2.3%



Pharmacy Utilization Detail - All Populations (Tables 43-48)

Table 43

2010 AGED/BLIND/DISABLED PHARMACY UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total Drug Scripts	Drug Scripts PKPY	Percent of Total Scripts
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	2,084,001	56,113.3	56.6%
Enrolled	70 - Triples - Multiple Dominant Chronic	800,857	104,481.8	21.8%
Enrolled	50 - Single Dominant or Moderate Chronic	343,826	17,592.3	9.3%
Enrolled	90 - Catastrophic	237,802	56,503.8	6.4%
Enrolled	80 - Malignancies - Metastatic, Complicated or Dominant	88,621	60,065.8	2.4%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	740,213	45,306.3	54.4%
Unenrolled	70 - Triples - Multiple Dominant Chronic	295,896	85,892.1	21.8%
Unenrolled	50 - Single Dominant or Moderate Chronic	128,273	14,276.7	9.4%
Unenrolled	90 - Catastrophic	93,432	51,103.6	6.9%
Unenrolled	80 - Malignancies - Metastatic, Complicated or Dominant	47,705	38,239.4	3.5%

Table 44

2010 AGED/BLIND/DISABLED PHARMACY UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total Drug Scripts	Drug Scripts PKPY	Percent of Total Scripts
Enrolled	715 - Triple - Three Dominant Chronic or Other Specified Diseases	721,060	104,045.3	19.6%
Enrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Diseases with a Minor Chronic Illness	577,969	69,590.1	15.7%
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	537,502	48,725.0	14.6%
Enrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	431,048	57,649.9	11.7%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	300,532	45,223.4	8.2%
Unenrolled	715 - Triple - Three Dominant Chronic or Other Specified Diseases	270,959	87,234.9	19.9%
Unenrolled	620 - Pair - Two Dominant Chronic Diseases or a Specified Dominant Chronic Diseases with a Minor Chronic Illness	228,014	52,567.1	16.8%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	202,759	42,703.3	14.9%
Unenrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	135,638	45,206.4	10.0%
Unenrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	98,687	39,334.5	7.3%

Table 45

2010 ADULT NON AGED/BLIND/DISABLED PHARMACY UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total Drug Scripts	Drug Scripts PKPY	Percent of Total Scripts
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	1,041,490	46,528.4	45.7%
Enrolled	50 - Single Dominant or Moderate Chronic	414,605	18,940.5	18.2%
Enrolled	10 - Healthy	197,586	4,622.7	8.7%
Enrolled	30 - Single Minor Chronic	148,413	14,629.9	6.5%
Enrolled	40 - Multiple Minor Chronic	102,277	28,465.5	4.5%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	336,976	38,816.2	42.6%
Unenrolled	50 - Single Dominant or Moderate Chronic	137,117	15,530.9	17.3%
Unenrolled	10 - Healthy	66,821	3,989.3	8.4%
Unenrolled	30 - Single Minor Chronic	49,314	12,313.0	6.2%
Unenrolled	40 - Multiple Minor Chronic	34,783	24,289.6	4.4%



Pharmacy Utilization Detail - All Populations (Tables 43-48)

Table 46

2010 ADULT NON AGED/BLIND/DISABLED PHARMACY UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total Drug Scripts	Drug Scripts PKPY	Percent of Total Scripts
Enrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	372,003	47,796.9	16.3%
Enrolled	645 - Pair - Two Moderate Chronic Diseases or a Moderate Chronic Disease and a Minor Chronic Disease	292,870	39,773.7	12.9%
Enrolled	100 - Healthy	197,586	4,622.5	8.7%
Enrolled	625 - Pair - One Dominant Chronic Disease and a Moderate Chronic Disease or a Minor Chronic Disease	158,135	51,459.5	6.9%
Enrolled	520 - Dominant or Moderate Chronic - Circulatory	130,215	19,974.4	5.7%
Unenrolled	635 - Pair - Mental Illness / Substance Abuse and a Moderate Chronic Disease or Minor Chronic Disease	124,142	41,010.4	15.7%
Unenrolled	645 - Pair - Two Moderate Chronic Disease or a Moderate Chronic Disease and a Minor Chronic Disease	92,637	33,934.0	11.7%
Unenrolled	100 - Healthy	66,821	3,988.9	8.4%
Unenrolled	625 - Pair - One Dominant Chronic Diseases and a Moderate Chronic Disease or a Minor Chronic Disease	48,812	41,240.9	6.2%
Unenrolled	520 - Dominant or Moderate Chronic - Circulatory	41,358	16,433.6	5.2%

Table 47

2010 CHILD NON AGED/BLIND/DISABLED PHARMACY UTILIZATION BY ACRG3 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG3	Total Drug Scripts	Drug Scripts PKPY	Percent of Total Scripts
Enrolled	50 - Single Dominant or Moderate Chronic	896,560	12,799.9	29.4%
Enrolled	10 - Healthy	814,239	2,338.3	26.7%
Enrolled	20 - Significant Acute	404,358	6,935.6	13.3%
Enrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	347,957	25,440.8	11.4%
Enrolled	30 - Single Minor Chronic	332,668	8,595.0	10.9%
Unenrolled	50 - Single Dominant or Moderate Chronic	150,118	12,330.5	31.1%
Unenrolled	10 - Healthy	98,093	1,830.0	20.3%
Unenrolled	20 - Significant Acute	41,692	5,394.9	8.6%
Unenrolled	60 - Pairs - Multiple Dominant and/or Moderate Chronic	91,336	29,012.1	18.9%
Unenrolled	30 - Single Minor Chronic	54,525	8,308.0	11.3%

Table 48

2010 CHILD NON AGED/BLIND/DISABLED PHARMACY UTILIZATION BY ACRG2 (TOP 5 ENROLLED POPULATION)

CCNC Status	ACRG2	Total Drug Scripts	Drug Scripts PKPY	Percent of Total Scripts
Enrolled	100 - Healthy	814,239	2,338.2	26.7%
Enrolled	515 - Dominant or Moderate Chronic - Respiratory	555,713	15,817.9	18.2%
Enrolled	240 - Significant Acute - One from ENT MDC Span 90	214,459	8,078.8	7.0%
Enrolled	315 - Minor Chronic - Mental Illness and Substance Abuse	205,368	10,537.5	6.7%
Enrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance Abuse	178,098	10,433.0	5.8%
Unenrolled	100 - Healthy	98,093	1,830.0	20.3%
Unenrolled	515 - Dominant or Moderate Chronic - Respiratory	64,731	13,573.3	13.4%
Unenrolled	240 - Significant Acute - One from ENT MDC Span 90	20,676	6,788.1	4.3%
Unenrolled	315 - Minor Chronic - Mental Illness and Substance Abuse	39,526	10,337.0	8.2%
Unenrolled	550 - Dominant or Moderate Chronic - Mental Illness or Substance Abuse	60,225	13,545.4	12.5%

