

This report was prepared with funds provided by the New York State Department of State under the Shared Municipal Services Incentive Grant Program.

# Brown & Brown Employee Benefits Consulting and Brokerage

## Cooperative Health Insurance Collaborative Combined Group Analysis 2005-2008



January 20, 2009

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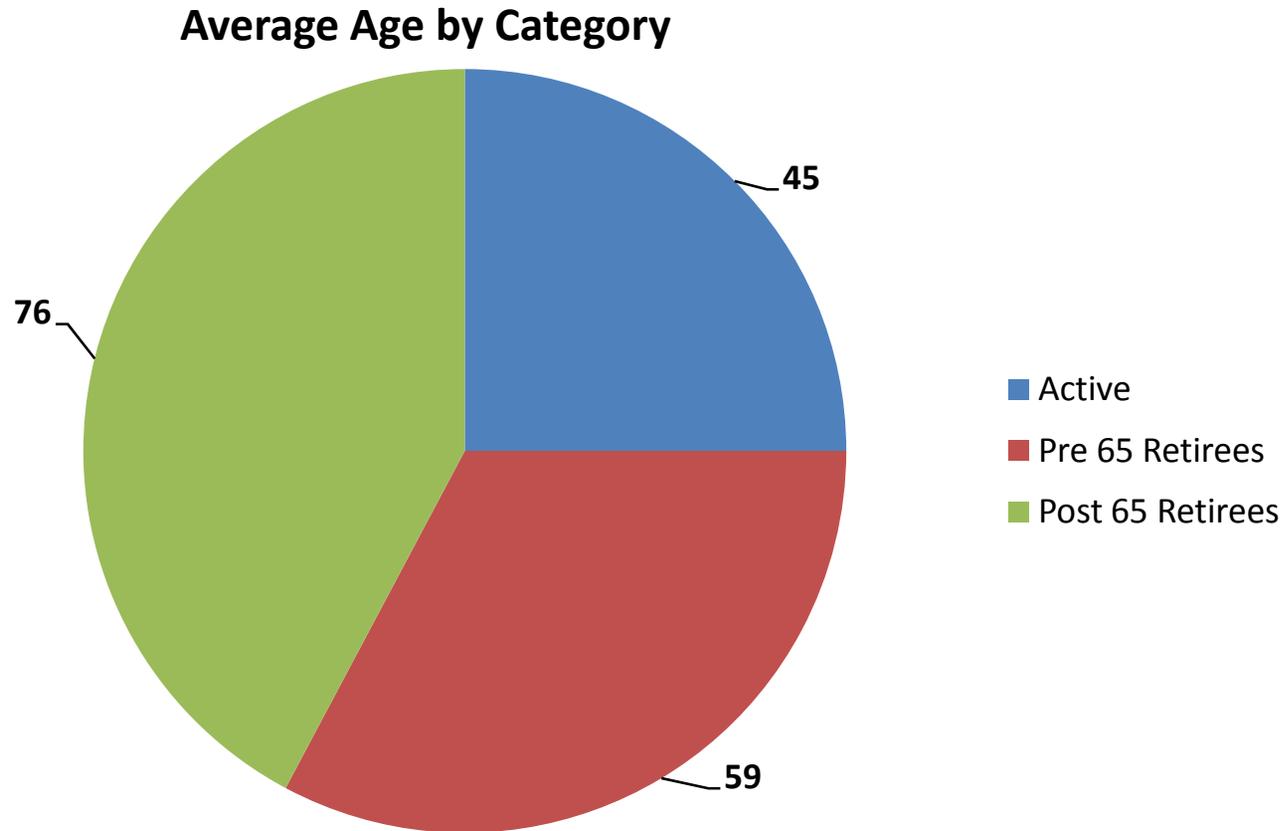
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# Demographic Information

| Participating Employees |                   |               |                                |                     |
|-------------------------|-------------------|---------------|--------------------------------|---------------------|
|                         | City of Rochester | Monroe County | Rochester City School District | Combined Population |
| Active Employees        |                   |               |                                |                     |
| Average Age             | 45                | 45            | 45                             | <b>45</b>           |
| Male                    | 2012              | 1811          | 1573                           | <b>5396</b>         |
| Female                  | 717               | 2082          | 3740                           | <b>6539</b>         |
|                         |                   |               | <b>Total</b>                   | <b>11935</b>        |
| Pre 65 Retirees         |                   |               |                                |                     |
| Average Age             | 58                | 59            | 60                             | <b>59</b>           |
| Male                    | 801               | 508           | 351                            | <b>1660</b>         |
| Female                  | 233               | 416           | 654                            | <b>1303</b>         |
|                         |                   |               | <b>Total</b>                   | <b>2963</b>         |
| Post 65 Retirees        |                   |               |                                |                     |
| Average Age             | 77                | 76            | 75                             | <b>76</b>           |
| Male                    | 1008              | 557           | 947                            | <b>2512</b>         |
| Female                  | 556               | 953           | 1555                           | <b>3064</b>         |
|                         |                   |               | <b>Total</b>                   | <b>5576</b>         |

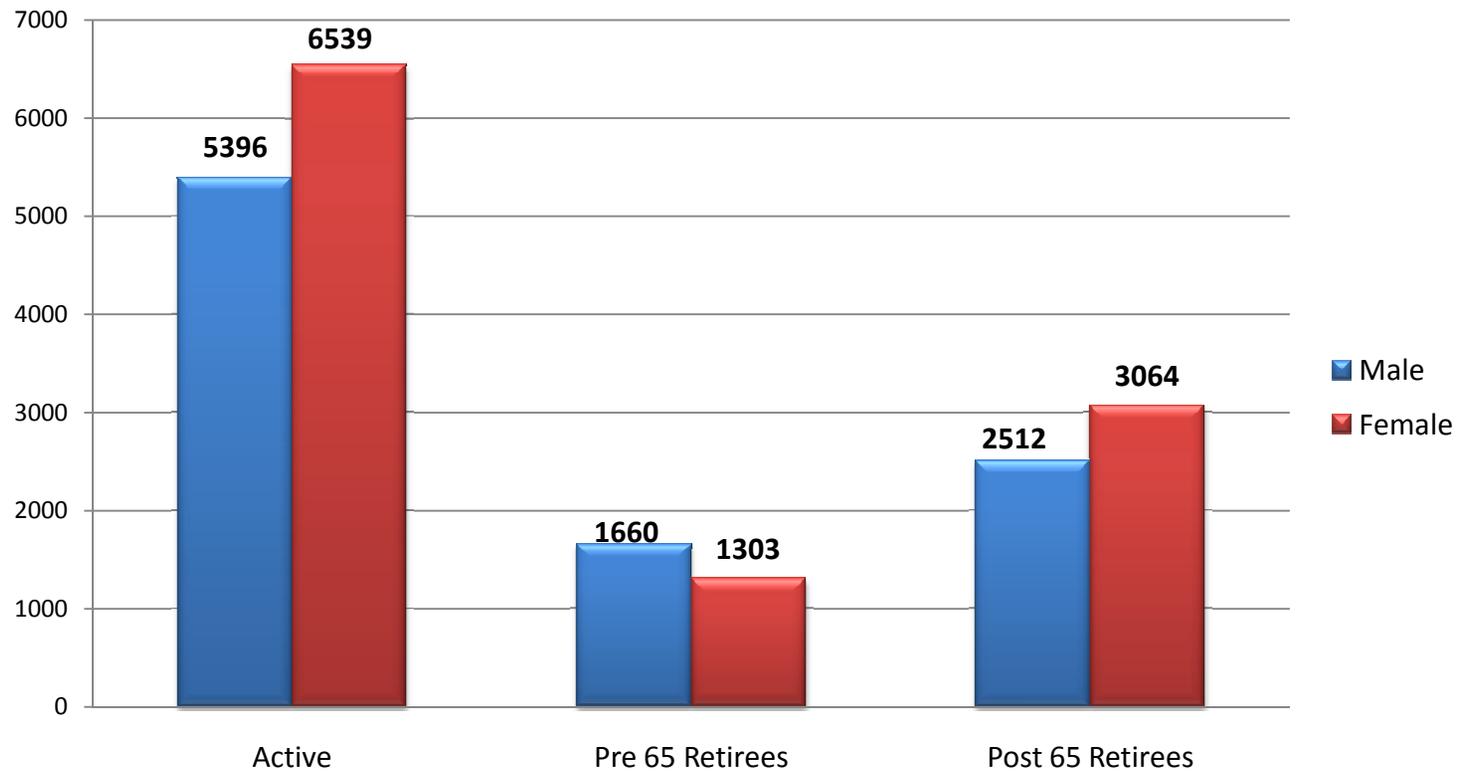
Total Population– 20,474

# Aggregate Age by Category

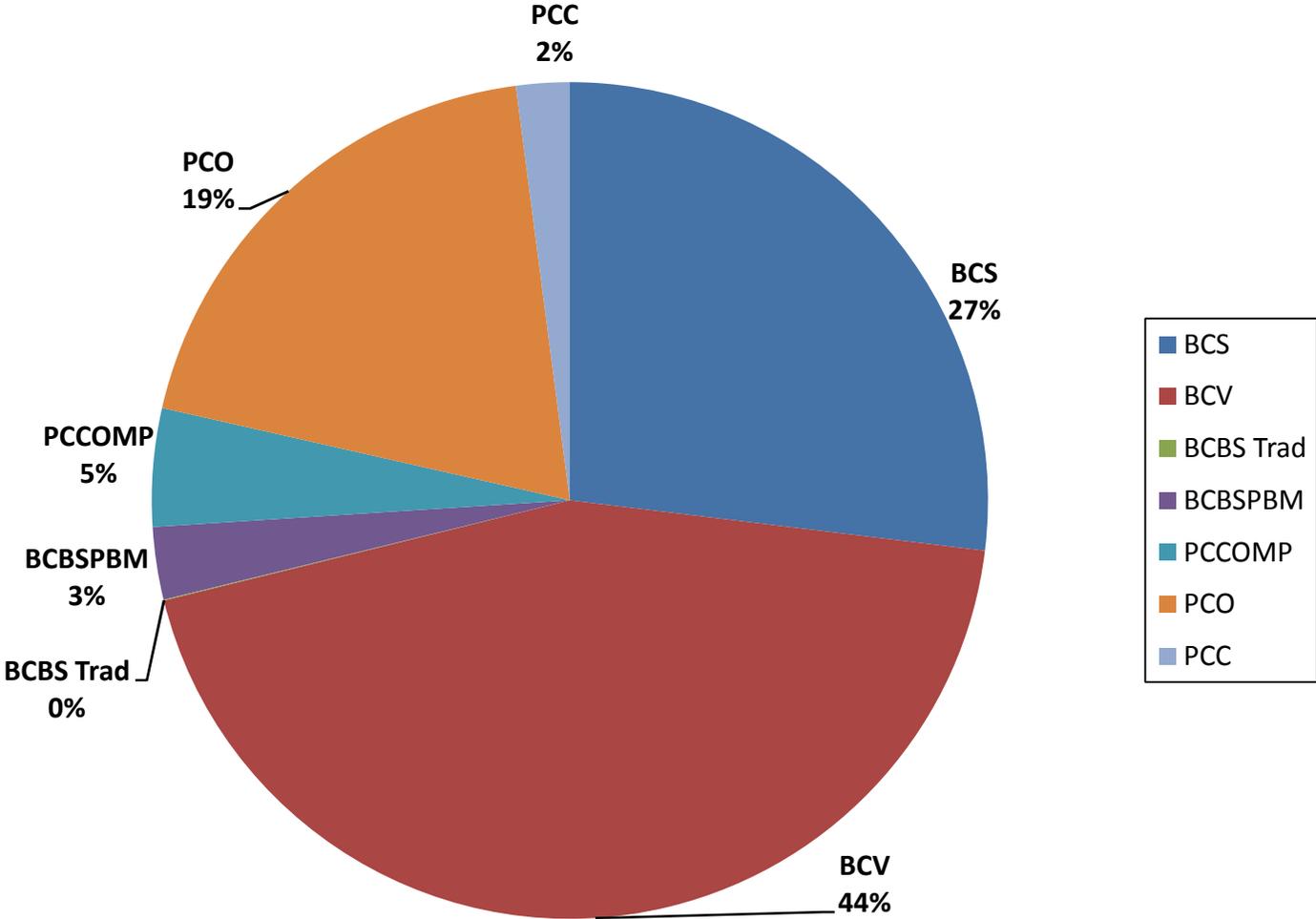


# Aggregate Enrollment by Gender

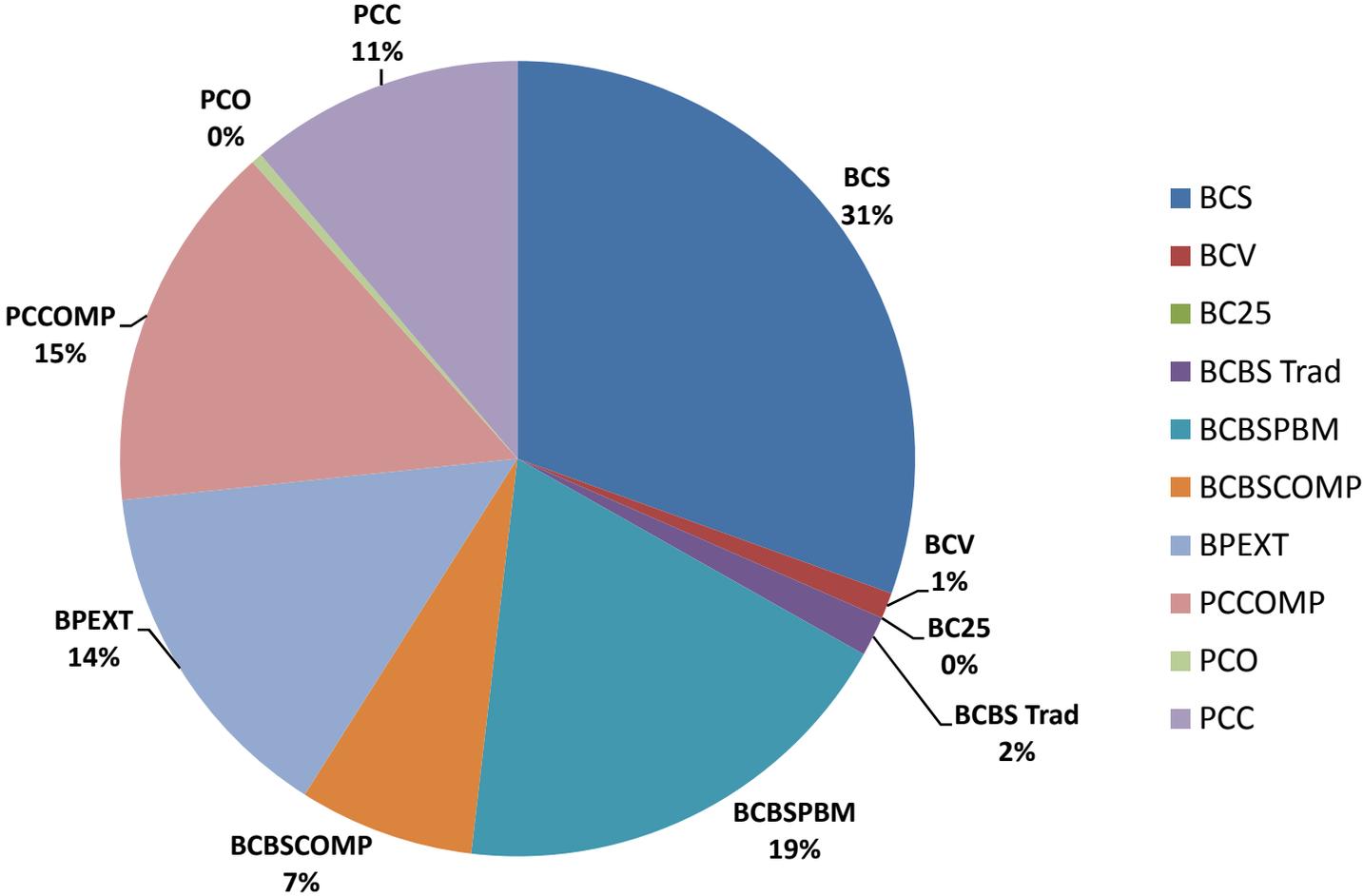
## Enrollment by Gender and Category



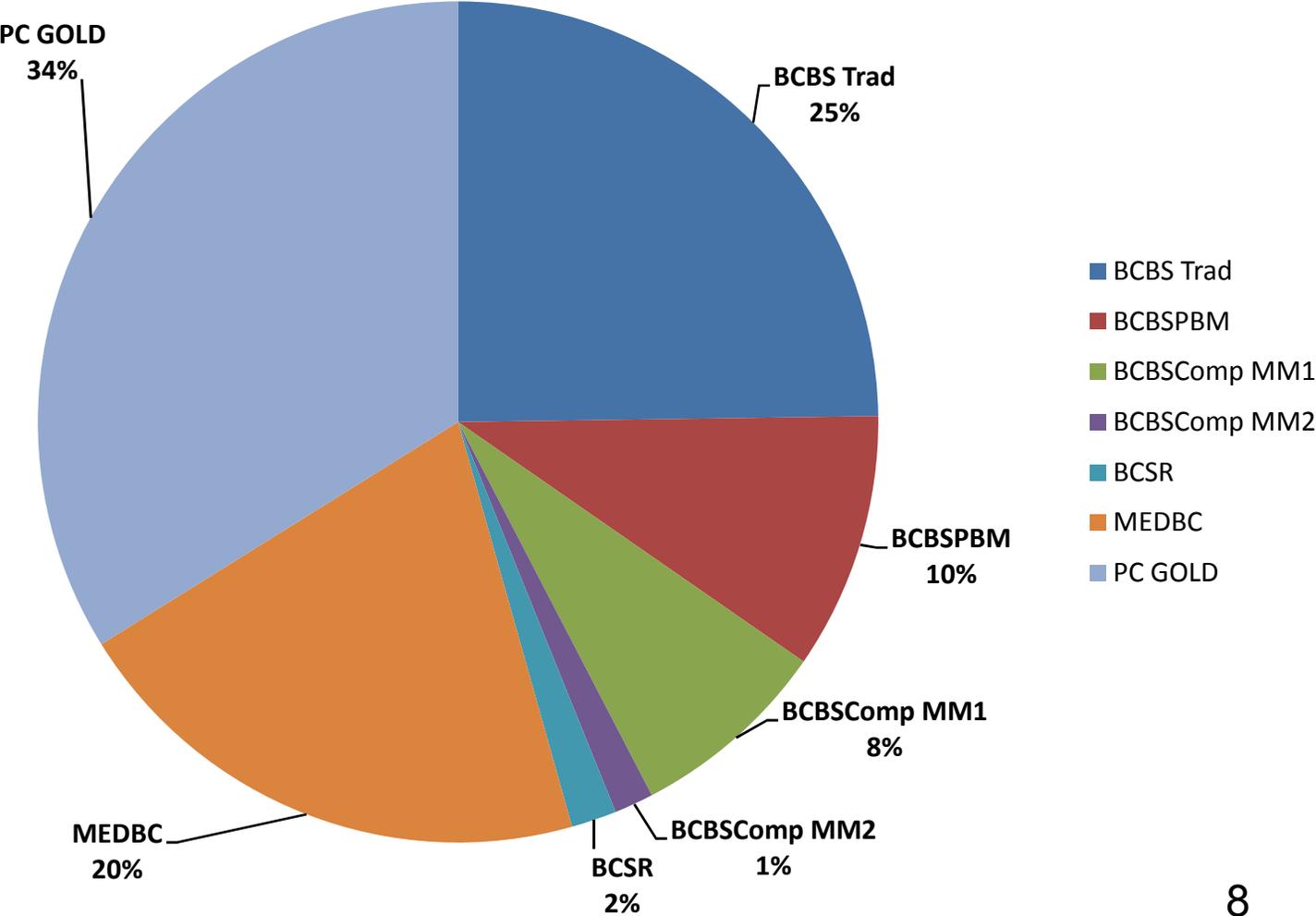
# Enrollment by Plan: Active Employees



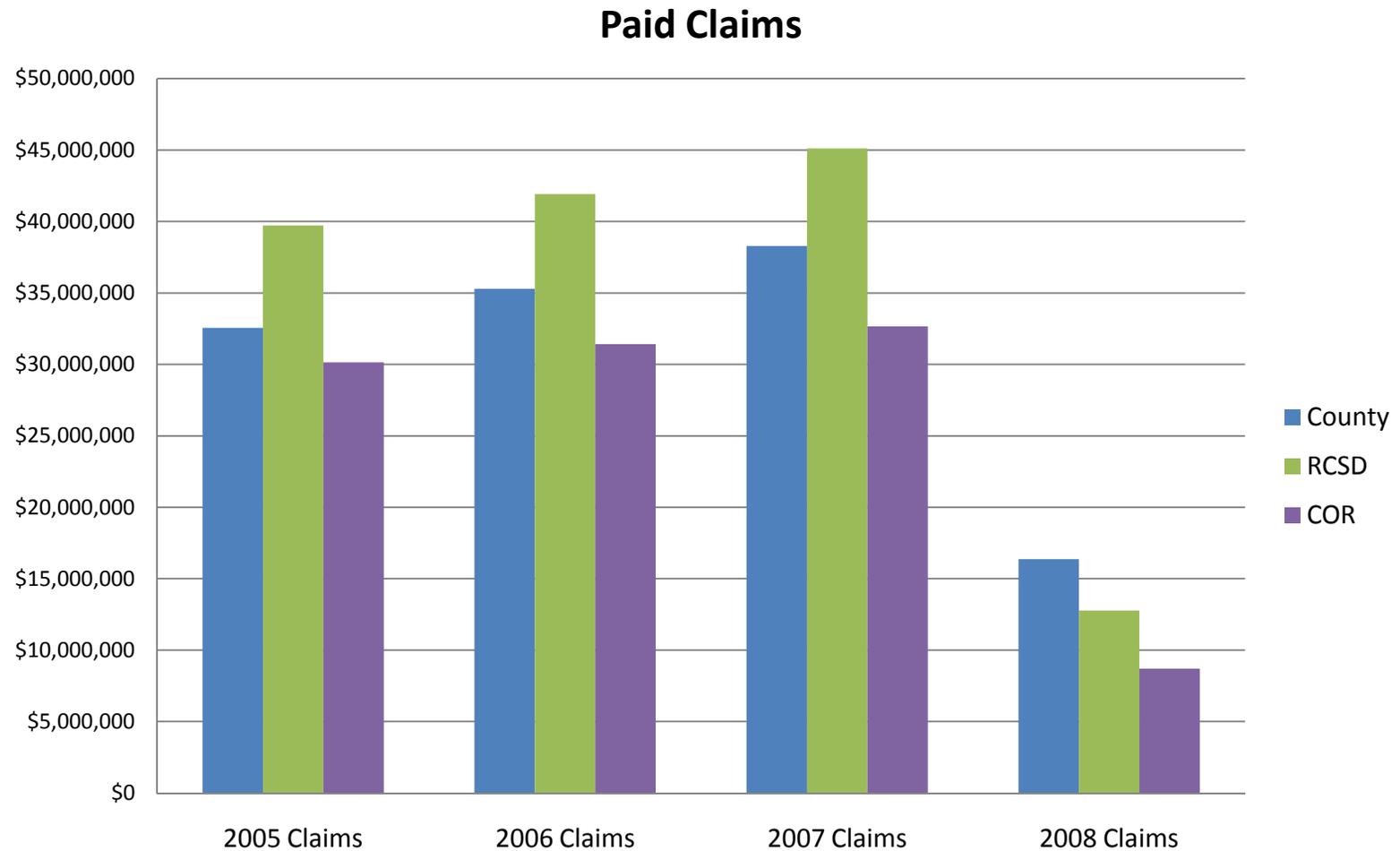
# Enrollment by Plan: Pre 65 Retirees



# Enrollment by Plan: Post 65 Retirees

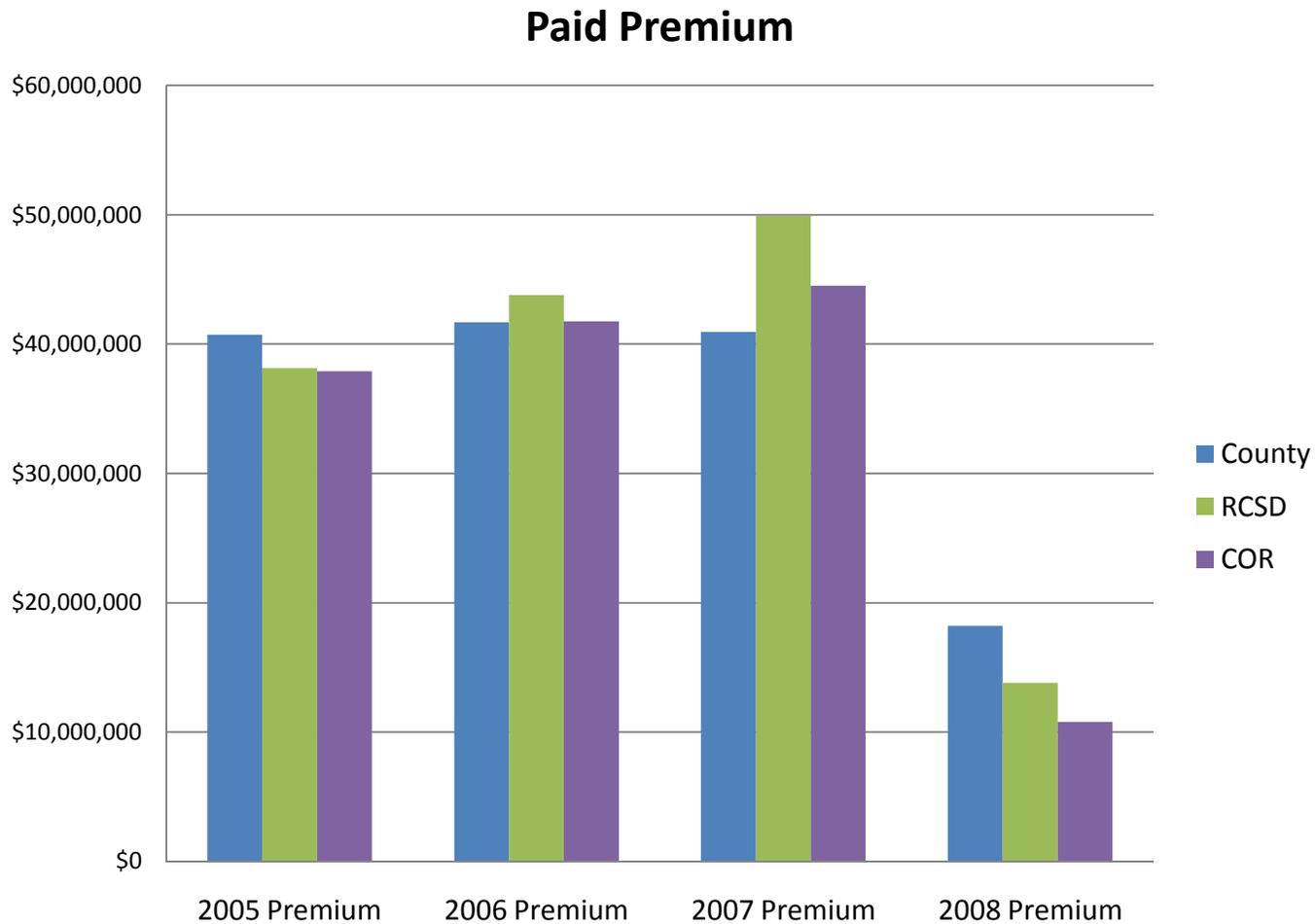


# Total Paid Claims by Group 2005-2008



Post 65 retirees on HMO plans are not included in experience

# Total Paid Premium by Group 2005-2008



# Aggregate Claims vs. Premium 2005-2008

| 2005         | Medical Claims | RX Claims    | Total Claims  | Paid Premium  | Combined Loss Ratio |
|--------------|----------------|--------------|---------------|---------------|---------------------|
| <b>Total</b> | \$76,478,843   | \$26,594,061 | \$103,072,904 | \$116,776,521 | 88.27%              |

| 2006         | Medical Claims | Rx Claims    | Total Claims  | Paid Premium  | Combined Loss Ratio |
|--------------|----------------|--------------|---------------|---------------|---------------------|
| <b>Total</b> | \$80,048,362   | \$29,300,441 | \$109,348,803 | \$127,229,862 | 85.95%              |

| 2007         | Medical Claims | Rx Claims    | Total Claims  | Paid Premium  | Combined Loss Ratio |
|--------------|----------------|--------------|---------------|---------------|---------------------|
| <b>Total</b> | \$85,585,792   | \$31,109,412 | \$116,695,204 | \$135,377,785 | 86.20%              |

| 2008*        | Medical Claims | RX Claims   | Total Claims | Paid Premium | Combined Loss Ratio |
|--------------|----------------|-------------|--------------|--------------|---------------------|
| <b>Total</b> | \$27,893,180   | \$9,939,018 | \$37,832,198 | \$42,824,250 | 88.34%              |

\*County through 5/30

City and RCSD through 3/31

Post 65 retirees on HMO plans are not included in experience



## **Section II: Utilization Overview**

# 2007 Benchmarking-Excellus Book of Business

Comparative Date 2007 Plan Year

|   | Excellus PPO | RCSD   | Monroe County | City of Rochester | Aggregate Measures |
|---|--------------|--------|---------------|-------------------|--------------------|
| Members per Contract                    | 2.1          | 1.9    | 2.0           | 2.2               | 2.0                |
| Average Age                             | 34.5         | 45     | 45            | 45                | 45                 |
| Medical Only: Plan Cost/Contract/Year   | 5183         | 6124   | 6245          | 9296              | 7222               |
| Medical Only: Total Cost/Member/Year    | 2773         | 3222   | 3129          | 4323              | 3558               |
| Adm/1,000/Year                          | 74           | 85     | 96            | 108               | 96                 |
| ER visits / 1,000 / Year                | 193          | 169    | 166           | 184               | 173                |
| Total Cost per Visit                    | 823          | 729    | 702           | 630               | 687                |
| PCP Office Visits / 1,000 / Year        | 1840         | 2226   | 2052          | 1971              | 2083               |
| Total Cost per Visit                    | 75           | 69     | 68            | 69                | 69                 |
| Specialist Office Visits / 1,000 / Year | 685          | 923    | 703           | 733               | 786                |
| Total Cost per Visit                    | 88           | 79     | 78            | 76                | 77                 |
| Ratio PCP Visits to Specialist Visits   | 3            | 2      | 3             | 3                 | 3                  |
| membership/year                         |              | 127591 | 156974        | 97429             |                    |
| contracts/year                          |              | 67129  | 78670         | 45301             |                    |

## Observations:

- ✓ Excellus benchmarks are PPO book of business
- ✓ PCP office visit measures reflect higher number of visits but lower cost per visit
- ✓ ER visits reflect lower number of visits and lower cost per visit
- ✓ Specialist office visit reflect higher number of visit but a lower cost per visit
- ✓ Inpatient admits per thousand are higher than benchmarks
- ✓ *COR, RCSD and Monroe County are similar in utilization when compared to each other; when compared to the Excellus Book of Business, the three groups reflect higher utilization, but lower per visit costs, this can be attributed to the mix of services rendered, plan design, member cost share and group demographics.*

Excellus Average age based on members and City, County and RCSD is based on contract holders  
Above data reflects Excellus Data ONLY.

# Claim Spend by Major Diagnostic Category (MDC) Top 4/High Cost Claimants

Top 4 MDC 2005 -1st Qtr 2008

| Diagnostic Category    | City of Rochester | Monroe County | RCSD         | Combined            |
|------------------------|-------------------|---------------|--------------|---------------------|
| Musculoskeletal        | \$7,014,673       | \$10,553,779  | \$12,537,841 | <b>\$30,106,293</b> |
| Neoplasms              | \$4,469,437       | \$9,287,375   | \$10,198,744 | <b>\$23,955,556</b> |
| Circulatory            | \$7,151,400       | \$7,151,336   | \$10,237,952 | <b>\$24,540,688</b> |
| Ill Defined Conditions | \$4,952,946       | \$7,719,650   | \$10,082,289 | <b>\$22,754,885</b> |

## High Cost Claims Over \$25k

| RCSD (Excellus & PC)     | 2005        | 2006        | 2007        | Q 1 2008    |
|--------------------------|-------------|-------------|-------------|-------------|
| <b>Total # of Claims</b> | 144         | 139         | 173         | 37          |
| <b>Total HCC Spend</b>   | \$7,273,306 | \$7,304,591 | \$7,790,532 | \$1,480,144 |

| City of Rochester (Excellus & PC) | 2005        | 2006        | 2007        | Q 1 2008  |
|-----------------------------------|-------------|-------------|-------------|-----------|
| <b>Total # of Claims</b>          | 105         | 102         | 114         | 18        |
| <b>Total HCC Spend</b>            | \$5,238,852 | \$6,153,146 | \$6,114,453 | \$972,162 |

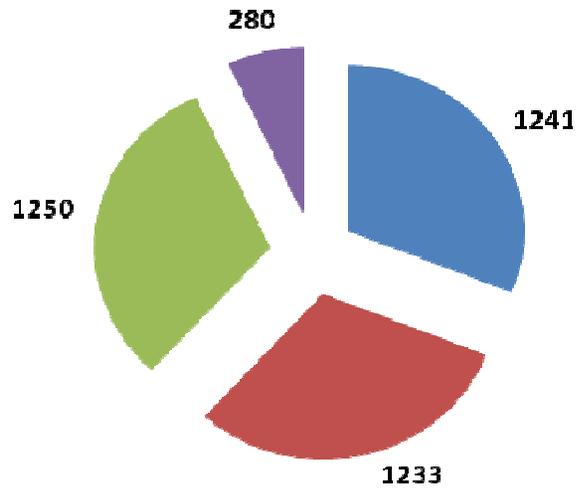
| Monroe County            | 2005        | 2006        | 2007        | Q 1 2008    |
|--------------------------|-------------|-------------|-------------|-------------|
| <b>Total # of Claims</b> | 110         | 133         | 166         | 26          |
| <b>Total HCC Spend</b>   | \$5,289,408 | \$7,948,934 | \$9,114,653 | \$1,347,505 |

Includes Excellus and Preferred Care data for both City and RCSD

# Inpatient Visits Per Year

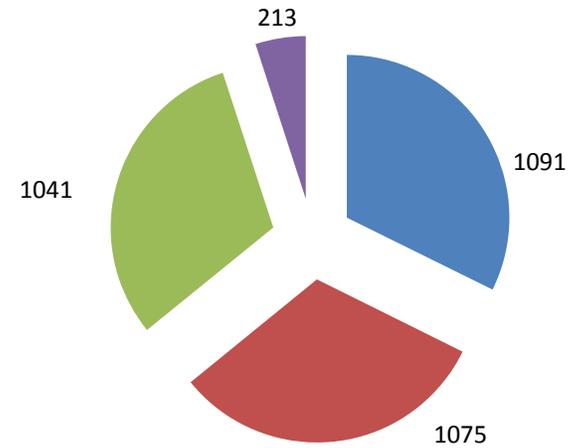
## Monroe County

2005 2006 2007 2008



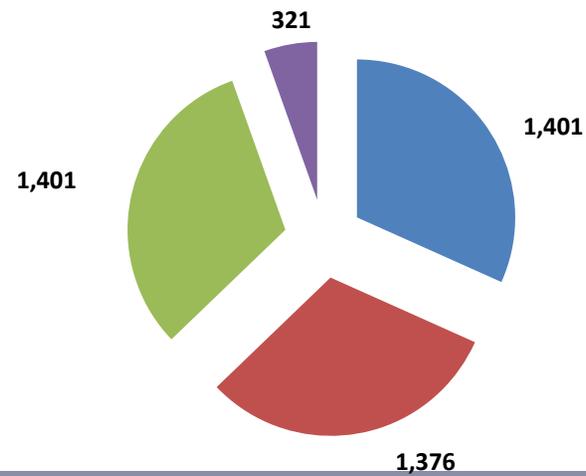
## City of Rochester

2005 2006 2007 2008



## RCSD

2005 2006 2007 2008

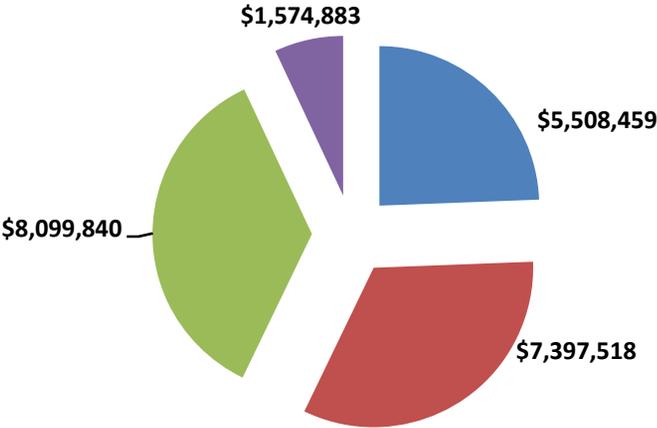


2008 Preferred Care numbers are estimated for, RCSD and COR

# Inpatient Cost Per Year

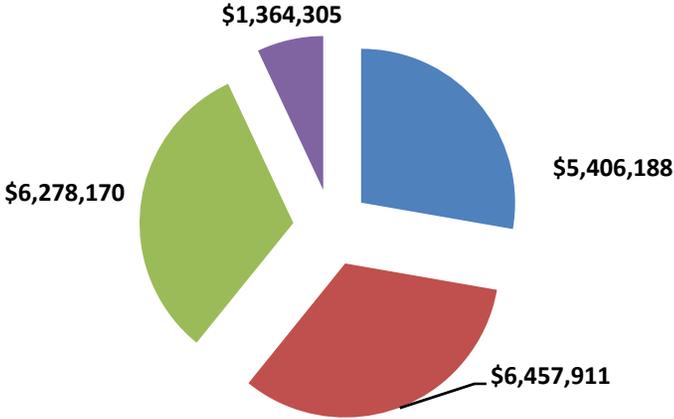
## Monroe County

2005 2006 2007 2008



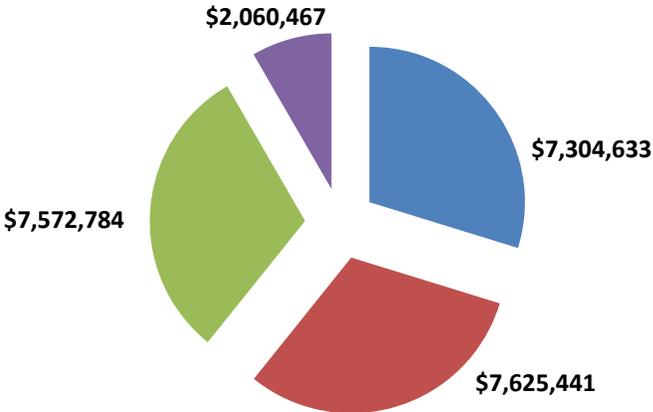
## City of Rochester

2005 2006 2007 2008



## RCSD

2005 2006 2007 2008

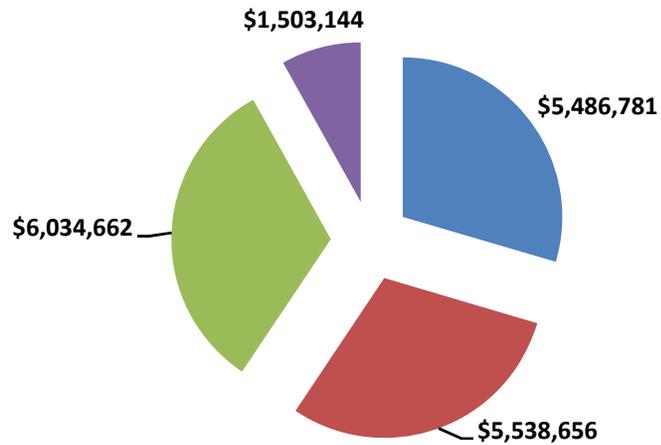


2008 Preferred Care numbers are estimated for COR

# Outpatient Cost by Year

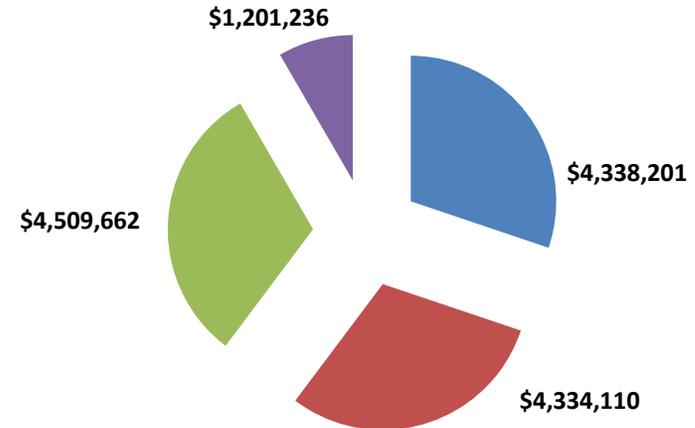
## Monroe County

■ 2005 ■ 2006 ■ 2007 ■ 2008



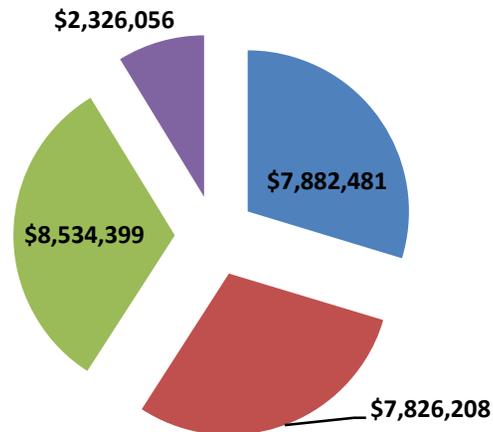
## City of Rochester

■ 2005 ■ 2006 ■ 2007 ■ 2008



## RCSD

■ 2005 ■ 2006 ■ 2007 ■ 2008



2008 Preferred Care numbers are estimated for COR



## **Section III: Self Funded Medical and RX Analysis**

# Summary

Our analysis projects Monroe County, City of Rochester, and Rochester Schools:

- Could save 16.72% over the next three years by self-funding their **current** Excellus and Preferred Care arrangements
- Could save an additional 1.13% by carving out the pharmacy and sourcing it with a best-in-class stand-alone PBM

| Plan              | Three-year Projection |  |                   |
|-------------------|-----------------------|--|-------------------|
|                   | Self-funding Savings  | Additional Savings<br>Rx Carve-out Savings | Available Savings |
| Monroe County     | 3.84%                 | 1.09%                                      | 4.88%             |
| City of Rochester | 28.07%                | 1.22%                                      | 28.95%            |
| Rochester Schools | 17.25%                | 1.09%                                      | 18.15%            |
| <b>Total</b>      | <b>16.72%</b>         | <b>1.13%</b>                               | <b>17.66%</b>     |

# Pharmacy Marketing

Regardless of where we ultimately source the pharmacy benefits, these projections assume that we market the pharmacy benefits to Excellus, PreferredCare, and stand-alone PBMs. This will allow us to:

- Place external competitive leverage on Excellus and PreferredCare
- Compare the financial advantages of a pharmacy carve-out with the operational downsides (e.g. two cards)
- Lower the cost of pharmacy benefits for plan sponsors and participants
- Lower the cost of pharmacy benefits for plan sponsors and participants
- Ensure clients receive promised value through annual pharmacy performance guarantee audits

# Projections

## All Study Clients

| Cost/Savings Projections (in 1,000's)     | Total of Individual Plans |           |           |           |
|---|---------------------------|-----------|-----------|-----------|
|   | 2009                      | 2010      | 2011      | Total     |
| Current Arrangement (CA) Costs            | \$180,994                 | \$211,629 | \$239,137 | \$631,759 |
| Carrier Self-Funded (SF) Costs            | 157,930                   | 175,868   | 192,320   | 526,118   |
| Carrier SF vs. CA Savings (\$)            | 23,064                    | 35,761    | 46,817    | 105,641   |
| Carrier SF vs. CA Savings (%)             | 12.74%                    | 16.90%    | 19.58%    | 16.72%    |
| Carrier/PBM SF Costs                      | 156,206                   | 173,904   | 190,084   | 520,194   |
| Carrier/PBM SF vs Carrier SF Savings (\$) | 1,724                     | 1,964     | 2,236     | 5,923     |
| Carrier/PBM SF vs Carrier SF Savings (%)  | 1.09%                     | 1.12%     | 1.16%     | 1.13%     |
| Carrier/PBM SF vs CA Savings (\$)         | 24,787                    | 37,724    | 49,053    | 111,565   |
| Carrier/PBM SF vs CA Savings (%)          | 13.70%                    | 17.83%    | 20.51%    | 17.66%    |

In performing this analysis, we relied on claims data and other information provided to us by Excellus, Preferred Care, and Caremark. We checked this information for reasonableness, but did not perform formal audits. If the underlying information is inaccurate or incomplete, the results of our analysis may likewise be inaccurate or incomplete.

This study's projections are based on reasonable actuarial assumptions regarding future claims, admin fees, enrollment, and trends. To the extent experience varies from our assumptions, costs and savings will vary from our projections. Brown & Brown and DeepView Solutions make no guarantees that experience will match the projections in this analysis.



## **Section III: Collaborative Purchasing**

# Cooperative Health Insurance Purchasing Options

- Self Funded Municipal Cooperative Health Benefit Plans
  - Regulated by Article 47 of NYS Insurance Law
- Multi-Employer Trust
  - To jointly purchase health insurance plans
  - Experience Rated Financial Arrangement
  - Fully Insured

## **Article 47: Municipal Cooperative Health Benefit Plan (MCHBP)**

- Article 47 of NY insurance law authorizes certain municipal corporations to form MCHBP in order to share the cost of self-funding the health plans.
- There are currently 10 active MCHBP's across New York State
  - Of the 10 active, all are entirely represented by either school districts or BOCES
  - All MCHBP's were established between 1979 and 1986, prior to article 47 being enacted into state law in 1994
  - There have been no new MCHBP's established since 1986

# Article 47: Municipal Cooperative Health Benefit Plan (MCHBP)

- Article 47 Restrictions and Safeguards:
  - Minimum of at least 5 municipalities participating in the cooperative
  - Minimum of at least 2000 total employees (current & retirees) participating in the cooperative
- Reserve Requirements:
  - Must maintain reserve for claims and expenses equal to at least 25% of total claims and expenses
  - Must maintain a reserve for unearned premium equivalents, a claim stabilization reserve, and a reserve for other obligations
  - Must maintain a surplus account of at least 5% of annualized earned premium equivalence for self insured consortiums

# Multi-Employer Trust

- Multi-Employer Trust:
  - Employer must follow NYS Community Rating law
  - “Like” Employer Groups jointly purchase health insurance plans
  - Not Article 47 self-funded
  - Can take advantage of:
    - ✓ reduced administrative cost as a result of larger group size
    - ✓ greater market negotiating position
    - ✓ reduced group administrative responsibility
    - ✓ Pooled experience
    - ✓ Plan design flexibility
    - ✓ Joint governance (labor and management trust)

# Example 1: NMCMSDP

## Non-Monroe County Municipal School District Plan

- ✓ Not an Article 47 Plan
- ✓ School Districts outside of Monroe County but within the Excellus BCBS service area
- ✓ Offer traditional and POS benefit plan options – mirror community rated plans
- ✓ Districts have board representation on a regional level  
no labor board seats
- ✓ Participating districts pay the same rate for the same plans
- ✓ Retrospective rating arrangement w/ deficit rollover  
risk charge  
carrier at risk upon termination(no run-out)

# Example 2: RASHP

## Rochester Area School Health Plan

- ✓ Not an Article 47 Plan
- ✓ School districts within Monroe County
- ✓ Offer Traditional Indemnity (RASHP I) and POS products (RASHP II)
- ✓ Offer Traditional and POS benefit plan options – mirror community rated plans
- ✓ Board representation one seat per participating district and 5 labor seats
- ✓ Minimum Premium / fully insured conventional premium
  - ✓ Year end settlement
  - ✓ Carrier at risk for terminal liability on RASHP II



# **Section IV:**

## **Collaborative vs. Individual purchasing**

# Collaborative Purchasing Considerations

- ✓ What is the possible difference in benefit cost increase reduction for each group individually vs. collaborative purchasing of medical?
- ✓ Is the timeframe to establish a collaborative purchasing group too long when compared to individual group opportunities?
- ✓ On an individual group basis who stands to gain or lose the most?
- ✓ How do you involve labor in the process?
- ✓ What are each individual groups long term objectives?

# Collaborative Purchasing Considerations

- ✓ Can each group achieve the same outcomes individually?
- ✓ Is each individual entity prepared to allocate time and resources to forming and maintaining a collaborative purchasing group?
- ✓ Can Retiree promises be kept?
- ✓ Can benefit plan offerings be reduced or streamlined?

# Collaborative Purchasing vs. Individual Purchasing

## Collaborative Purchasing:

- ✓ Combined Size/Leverage in Marketplace
  - ✓ Over 20,000 covered active and retired employees
  - ✓ Over \$150 million in premium
  
- ✓ Similarities:
  - ✓ Demographics
  - ✓ Utilization
  - ✓ Plan Design
    - ✓ Overall benefit plan designs for active employees are similar specific to co-pay and design
    - ✓ There is greater variation of plan design for pre and post 65 retirees
    - ✓ Ideally a successful collaborative purchasing would lead to streamlining of benefit plans offered

# Collaborative Purchasing vs. Individual Purchasing

## Collaborative Purchasing:

- ✓ Labor
  - ✓ each entity has multiple collective bargaining agreements
- ✓ Geographical Location
- ✓ Financial / Budgetary Challenges
  
- ✓ Financial Arrangement
  - ✓ All Fully Insured
  - ✓ Carrier at risk
  - ✓ COR and RCSD Community Rated
  - ✓ Monroe County Experience Rated
  
- ✓ Sharing Resources/Intellectual Capital

# Collaborative Purchasing vs. Individual Purchasing

## Collaborative Purchasing:

### ✓ Savings

- ✓ An estimated 1-2% savings through collaborative purchasing in addition to potential individual group savings, largely through administrative fee reduction.
- ✓ RCSD and City of Rochester stand to save the most initially through collaborative and/or individual purchasing due to current Community Rated financial arrangement

### ✓ Public Perception

- ✓ Perceived as a collaborative money saving initiative

### ✓ Plan Ownership

- ✓ More control over benefit plan design

# Collaborative Purchasing vs. Individual Purchasing

## Collaborative Purchasing:

- ✓ Requires consensus on plan design with multiple entities
- ✓ Requires establishment of formal governance process and by-laws
- ✓ Individual entities are limited in ability to make individual group decisions and must abide by established Trust Governance and By-Laws
- ✓ Requires establishment of Board of Directors and voting parameters
- ✓ Increased need for Consulting, Legal, Actuarial, Accounting Services

# Collaborative Purchasing vs. Individual Purchasing

## Collective Purchasing:

- ✓ Labor buy-in
  - ✓ Board decisions from a collaborative plan would have to be accepted by all
- ✓ Lack of Individualism
- ✓ Lack of Flexibility
- ✓ Timing
  - ✓ Creation of a collaborative purchasing group could take a minimum of 18-24 months.
- ✓ Who benefits
  - ✓ Entities that are currently Community Rated stand to gain the most initially
- ✓ Retiree Benefits
  - ✓ collaborative purchasing can create obstacles to retiree promises made

# Collaborative Purchasing vs. Individual Purchasing

## Individual Purchasing:

- ✓ Each group is individually large enough to have substantial market leverage
- ✓ COR and RCSD are on outdated benefit and financial platforms and stand to gain the most individually from changes to benefit and financial arrangement platform
- ✓ Individual purchasing allows more flexibility specific to individual labor group contracts and benefit language
- ✓ Individual purchasing allows more flexibility in plan design
  - ✓ Ability to customize plan design to meet individual group needs (including retirees)
- ✓ Ability to negotiate and make changes more quickly

# Recommendation

A review and analysis of the data presented shows many similarities among the City of Rochester, Monroe County, and the Rochester City School District.

From a big picture perspective, cost savings, plan management and plan control opportunities exist for the City of Rochester, Monroe County and the Rochester City School District.

The City of Rochester and Rochester City School District could quickly realize medical health plan savings by updating their respective benefit and financial platforms. Monroe County has already moved to an experience rated platform and successfully removed much of the additional cost incurred under the previous community rated financial arrangement.

No collaborative buying opportunity can be successful without the inclusion of labor. This would require a process to create a joint labor management committee and follow a clearly defined process to facilitate change.

# Recommendation

While opportunities for savings exist on a collaborative basis, an immediate opportunity exists for the City of Rochester and the Rochester City School District to make individual changes today that will impact the cost of their medical plans.

Given the current financial environment on a State and local basis, the limited resources available to each group and the timeframe required to facilitate the formation of a successful and long term collaboration, we recommend that each group focus resources on individual benefit solutions vs. a collaborative approach at this time.

# Generic Disclosure

## DISCLOSURE

- The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.
- Executive summaries and proposals, if presented to clients, are created by Brown & Brown. Neither the carrier nor Brown & Brown will be held responsible for typographical or clerical errors contained in said proposal.
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- It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.
- All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverages.
- B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.
- Broader Coverage May Be Available.
- **Carriers represented in this presentation are: Excellus BlueCross Blue Shield AM Best Rating A-, Preferred Care, an MVP company AM Best Rating B+**
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- Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies.
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# **Appendix: BluePrint Approach to Wellness**

# Executive Summary

With health insurance premiums increasing by double digits annually, many employers are looking for alternative ways to reduce costs.

- A wellness program is intended to assist employees in making voluntary behavior changes that reduce their health risk and enhance their individual productivity
- Numerous studies show that money invested in a wellness program saves money over time through lower health care costs

The following slides show wellness programs can improve health, save money, and produce a return on investment.

# How to Build a Wellness Program

## The Blue Print Approach

- I. Gain Buy-in from Management/Employees/Labor
- II. Wellness Team Formation
- III. Research and Data Gathering
- IV. Set Goals and Objectives
- V. Select Incentives
- VI. Building a Budget
- VII. Evaluate and Measure Effectiveness

# I. Gain support from Management/Employees/Labor

- ✓ “Major change initiatives must be actively led by senior management.”
- ✓ Management must understand the benefits of the program for employees and organization
- ✓ Managers who “walk the talk” and take part in the program will go a long way to driving others to participate as well.\*
- ✓ Create a wellness “culture” which will foster an ongoing long-term focus

\*Source: Wellness Councils of America, 2008

## II. Create a Wellness Team

The team will be responsible for promoting the wellness program, planning activities, recruiting team leader and conducting the evaluation.

The size of the team will depend on company size, and the scope of the programs and activities.

Potential wellness team members:

- Senior/mid-level managers
- Front-line employees/Labor
- Benefits managers
- Human resource personnel
- Marketing/Comm. Directors
- Safety coordinators
- Info. Systems representatives
- Health care representatives

Source: Wellness Councils of America, 2008

# III. Research and Data Gathering

## Questions to ask when collecting data

- ✓ What are the organizational issues facing the employer?
- ✓ What is the level of management/Employee/Labor support for a health promotion program?
- ✓ What are the most prevalent employee disease and injury risks?
- ✓ What health issues are employees interested in addressing?

**Answering these questions are important to assure that any wellness program has a chance to succeed**

Source: Healthy Workforce 2010, *Partnership for a healthy Workforce*, Fall 2001

# III. Research and Data Gathering

Benchmark Data from peer groups

Employee Interests/Concerns

Health Risk Appraisal (HRA)

Health insurance claims data

- Data can be obtained from carrier

## IV. Set Goals and Objectives

**Goals:** The most effective goals are realistic and reflect the needs of management/employees/labor as well as employees. They should be:

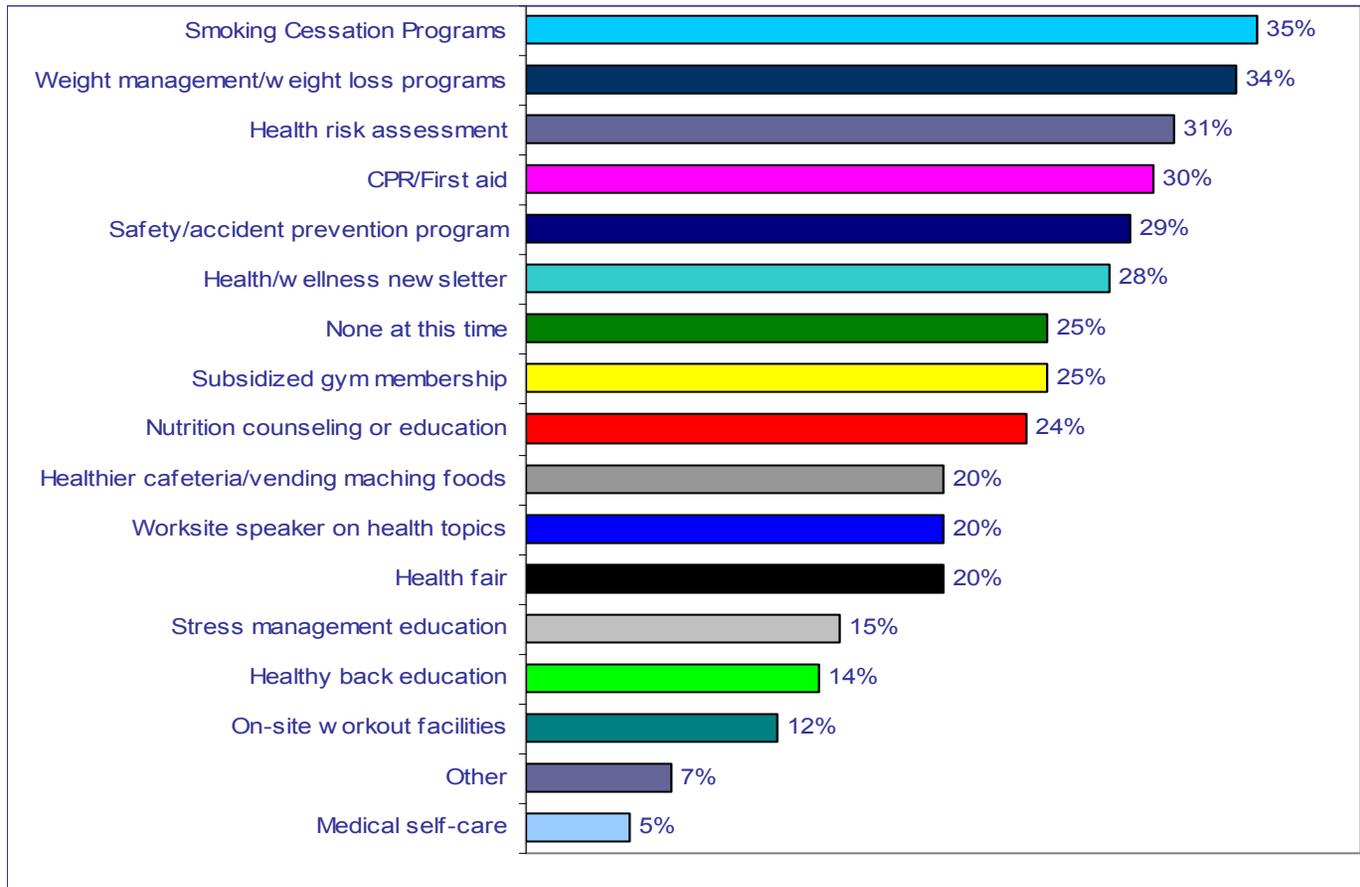
- Unambiguous
- Time-limited
- Achievable

**Objectives:** Expected short-term accomplishments related to the programs goals.

- For each objective, there should be a list of more detailed action-steps

Source: Healthy Workforce 2010, *Partnership for a healthy Workforce*, Fall 2001

# Types of Programs Offered



# V. Building a Budget

Typically, an internal staff person (with input from the wellness committee and management) develops a program budget

The budget can include:

- Administrative resources
- Program materials
- Vendor costs

The total program budget could be translated into a per employee cost

- Employee cost-sharing is also an option for specific programs

# VI. Selecting Incentives

## The Need for Incentives

Incentives can produce significant change in behavior, are easy to administer and can be combined to increase employee motivation

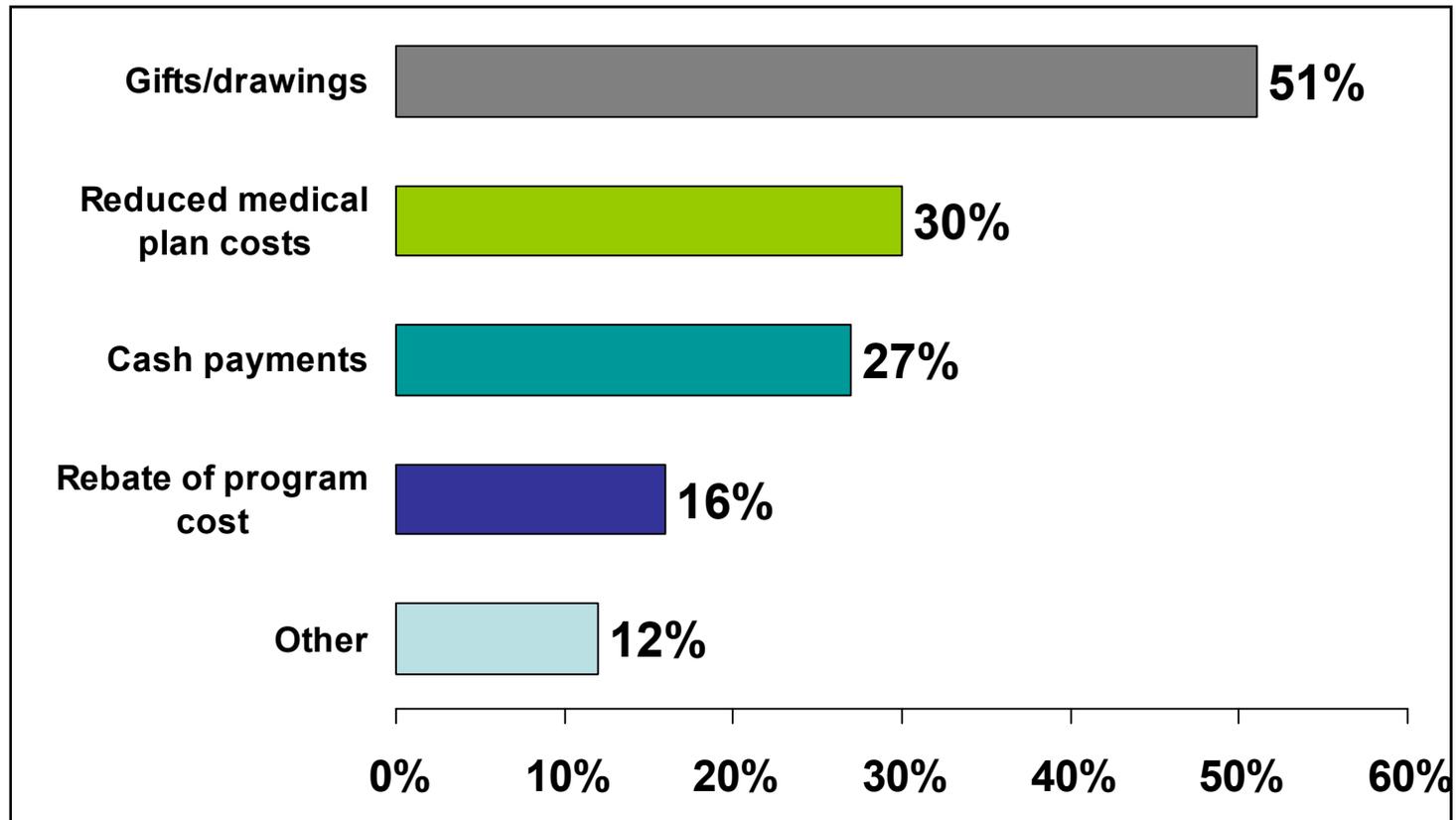
Incentives can keep the wellness program positive and upbeat

Types of incentives:

- Cash
- Prizes
- Vacation days
- Reduced Premium
- Management recognition
- Camaraderie, personal fulfillment

Source: MyWave, *Workplace Wellness, Using Incentives in Wellness Programs*

# Types of Participation Incentives Offered



Source: Wellness Benefits Survey, 2007

# VII. Evaluate and Measure Effectiveness

## Benefits of Measuring Program Results

To see if your wellness program worked

To demonstrate the cost benefit of your program

- Was that benefit worth the cost?

Compare different types of programs

- If you have tried multiple approaches, you can see which approach was the most effective
- You can compare your outcome with industry standards

Give feedback to participants

- By giving results, you can boost participation and show the programs work

Source: Wellness Councils of America, 2008

## VII. Evaluate and Measure Effectiveness

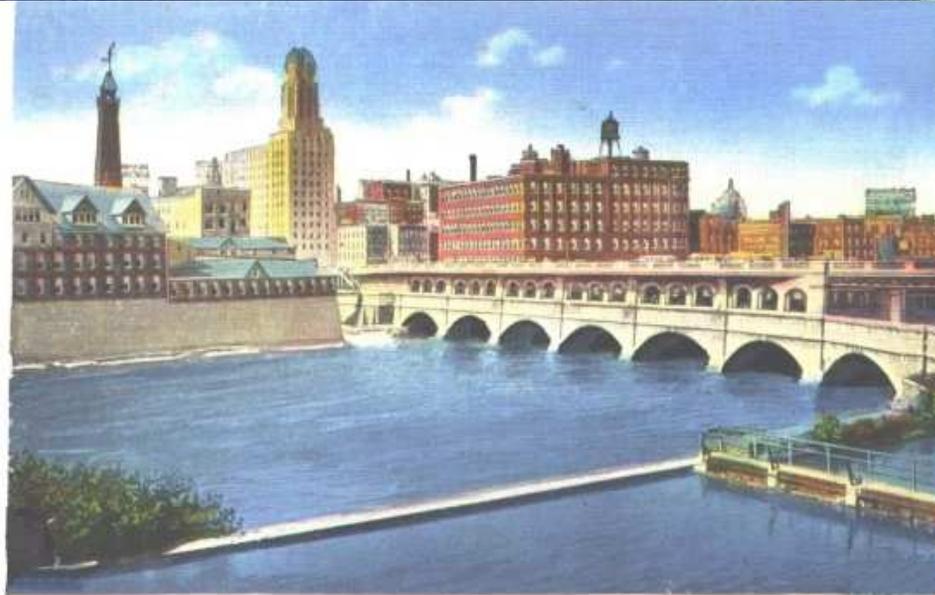
**Process Measurement-** answers many questions about the basic operation of the program. Measurements include:

- Participation counts
- Participant evaluation of individual activities

**Outcome Measurement-** gauges the extent to which specific program goals have been achieved.

- Outcome data that demonstrates program success helps to secure continued management support for the program.

This report was prepared with funds provided by the New York State Department of State under the Shared Municipal Services Incentive Grant Program.



## Data Analysis 2005-2008 City of Rochester

**BB** Brown & Brown Insurance  
Employee Benefit Group



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- Experience Review
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- Utilization Review
  
- Discussion
  
- Appendix

# Total Population Utilization

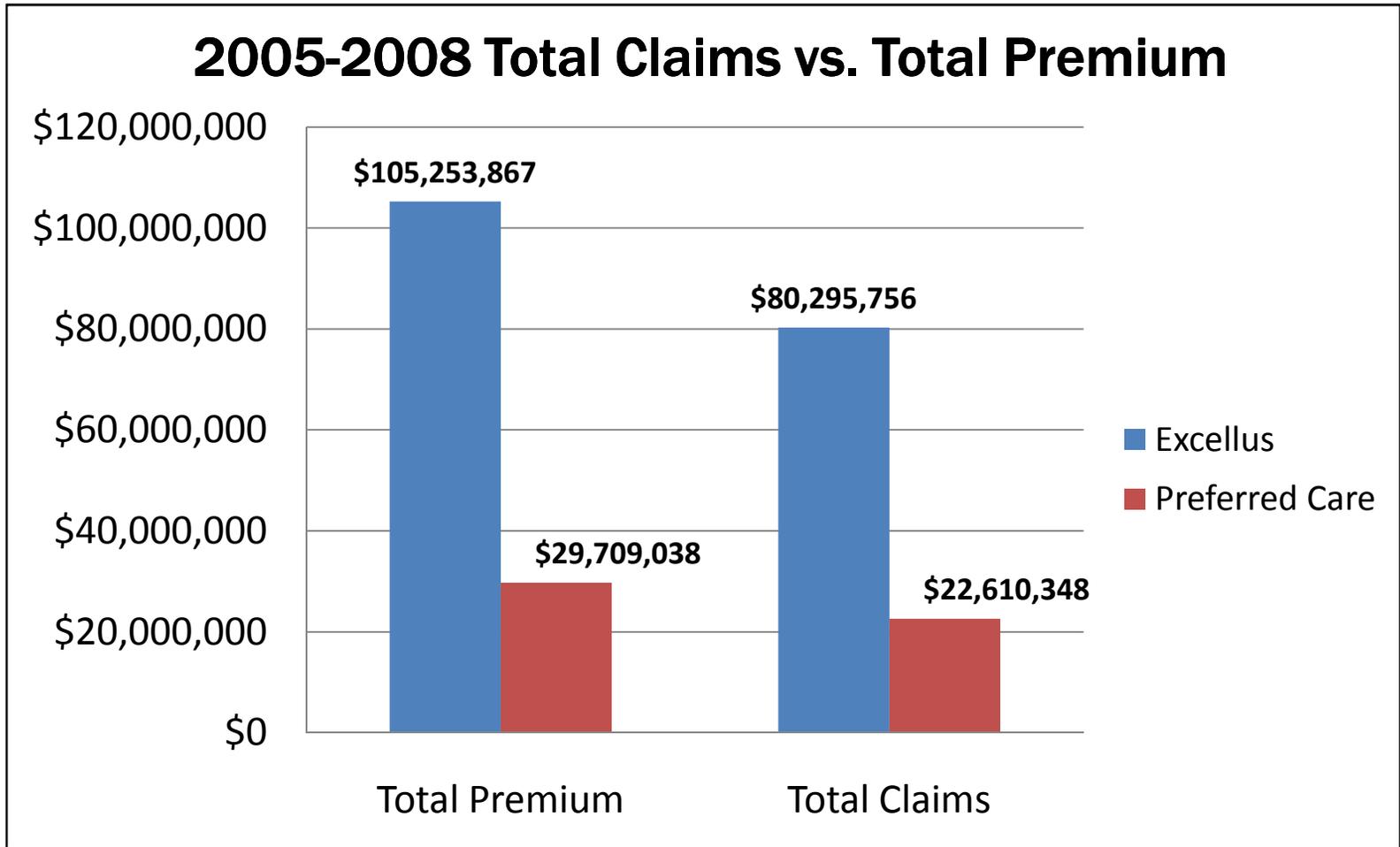
| 2005           | Medical Claims      | RX Claims          | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|----------------|---------------------|--------------------|---------------------|---------------------|------------|---------------------|
| Excellus       | \$16,623,166        | \$7,594,826        | \$24,217,992        | \$30,339,383        | 79.82%     | 79.53%              |
| Preferred Care | \$4,738,031         | \$1,189,439        | \$5,927,470         | \$7,566,730         | 78.34%     |                     |
| <b>Total</b>   | <b>\$21,361,197</b> | <b>\$8,784,265</b> | <b>\$30,145,462</b> | <b>\$37,906,113</b> |            |                     |

| 2006           | Medical Claims      | Rx Claims          | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|----------------|---------------------|--------------------|---------------------|---------------------|------------|---------------------|
| Excellus       | \$16,697,411        | \$8,102,361        | \$24,799,772        | \$32,957,346        | 75.25%     | 75.22%              |
| Preferred Care | \$5,282,434         | \$1,329,006        | \$6,611,440         | \$8,800,928         | 75.12%     |                     |
| <b>Total</b>   | <b>\$21,979,845</b> | <b>\$9,431,367</b> | <b>\$31,411,212</b> | <b>\$41,758,274</b> |            |                     |

| 2007           | Medical Claims      | Rx Claims          | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|----------------|---------------------|--------------------|---------------------|---------------------|------------|---------------------|
| Excellus       | \$17,230,384        | \$8,446,533        | \$25,676,917        | \$35,096,135        | 73.16%     | 73.37%              |
| Preferred Care | \$5,534,786         | \$1,444,311        | \$6,979,097         | \$9,413,350         | 74.14%     |                     |
| <b>Total</b>   | <b>\$22,765,170</b> | <b>\$9,890,844</b> | <b>\$32,656,014</b> | <b>\$44,509,485</b> |            |                     |

| 2008 thru 3/31 | Medical Claims     | Rx Claims          | Total claims       | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|----------------|--------------------|--------------------|--------------------|---------------------|------------|---------------------|
| Excellus       | \$3,711,202        | \$1,889,873        | \$5,601,075        | \$6,861,003         | 81.64%     | 80.58%              |
| Preferred Care | \$2,442,950        | \$649,391          | \$3,092,341        | \$3,928,030         | 78.72%     |                     |
| <b>Total</b>   | <b>\$6,154,152</b> | <b>\$2,539,264</b> | <b>\$8,693,416</b> | <b>\$10,789,033</b> |            |                     |

# 2005-2008 Total Claims vs. Total Premium



**Total Premium: \$134,962,905**

**Total Claims: \$102,906,104**

# Financial Summary – Key Points

Average Claim trend (medical and RX) utilization increase for 2005 – 2006 – 2007 is about 8% or 4% per year

Average premium trend (medical and Rx) increased 17% or 8.5% per year over the same period

Estimated 2008 loss ratio is 81% vs. a tolerable fully insured carrier loss ratio of 87%

Year over year loss ratio has consistently been below tolerable fully insured carrier loss ratios

# Summary Analysis – Key Points

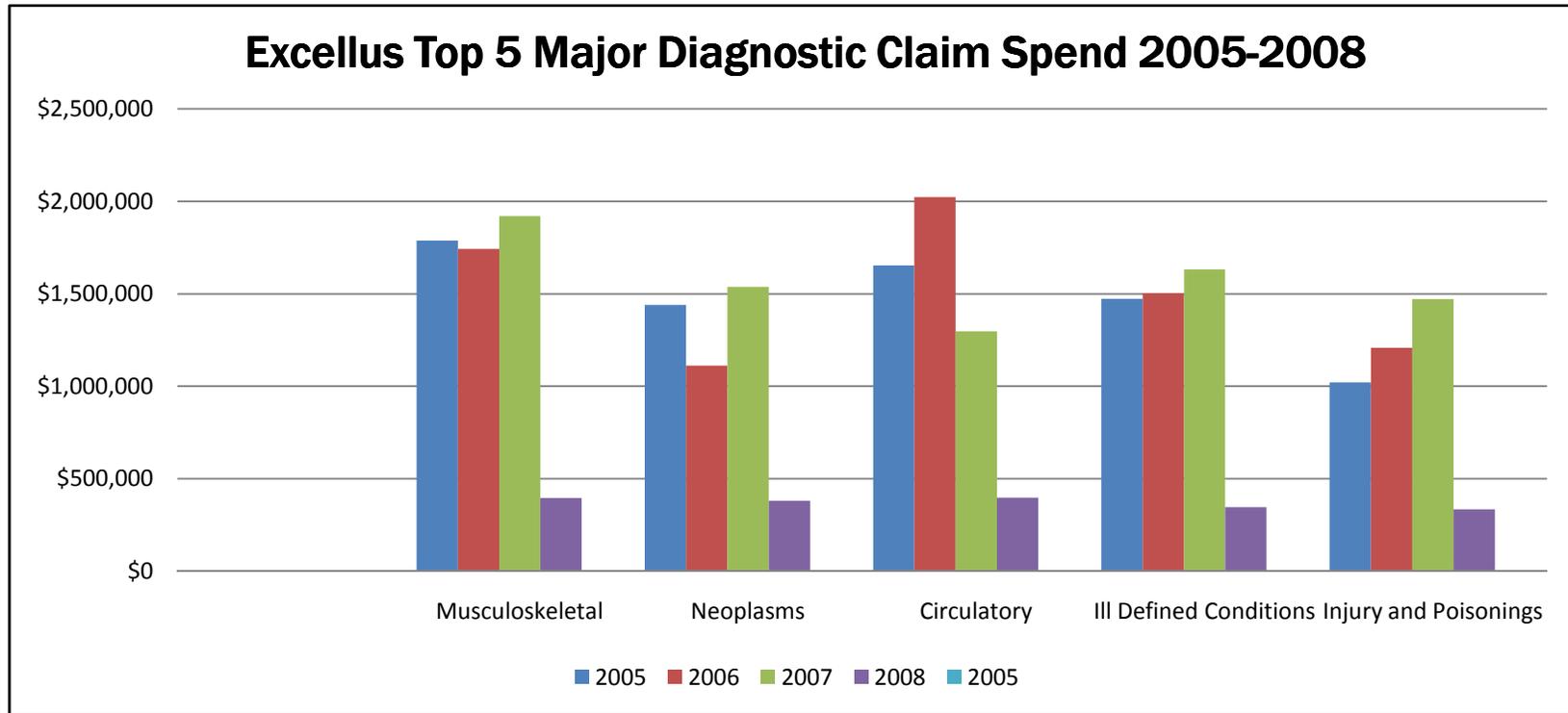
City of Rochester loss ratio has been better than the community pool ultimately subsidizing worst risk in the community pool

Data suggests opportunity exists to consider other financial arrangements

Current HMO benefit plans are outdated, benchmarking suggests more recent generation plans such as EPO and/or PPO would provide better value and flexibility

Current community rated HMO premiums are subsidized across the rating pool from high plan to low plan creating artificial premium pricing points

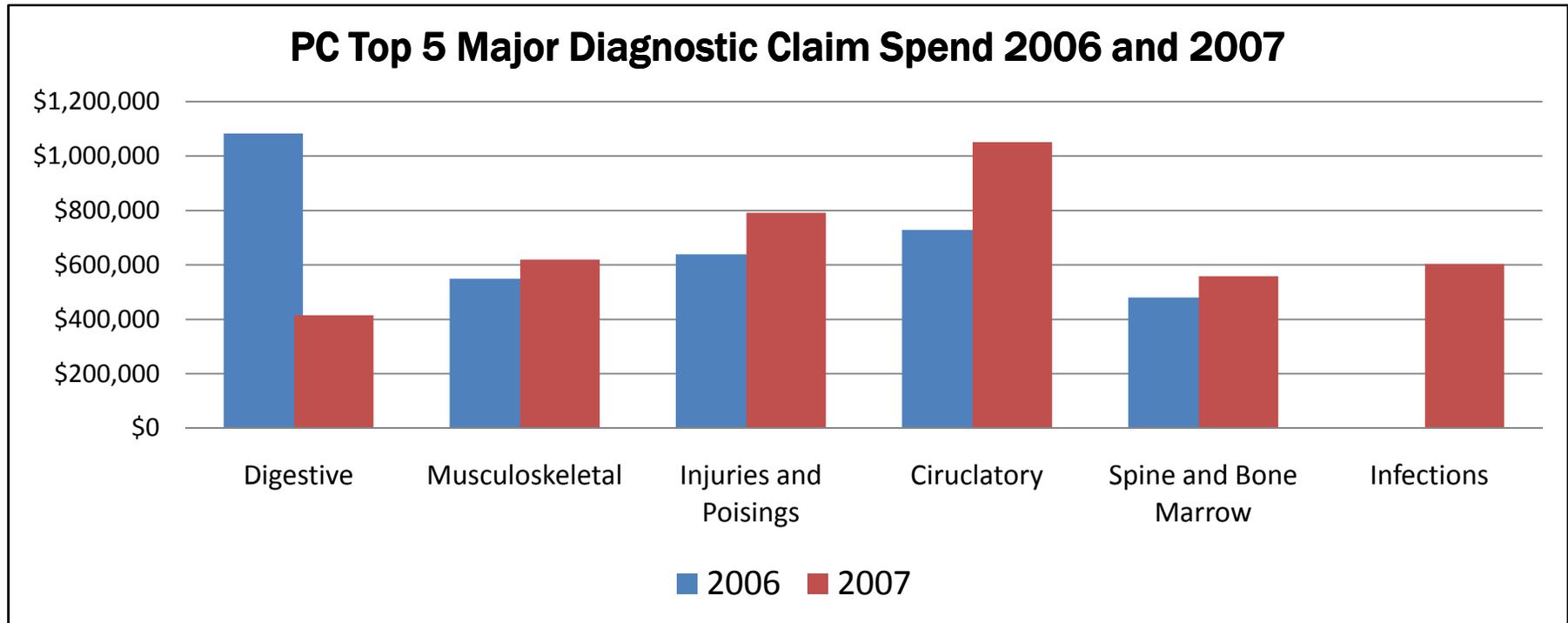
# Claim Spend by Major Diagnostic Category (MDC)-Excellus



## Top 5 MDC

|                               | 2005        | 2006        | 2007        | 2008      | Total Spend |
|-------------------------------|-------------|-------------|-------------|-----------|-------------|
| <b>Musculoskeletal</b>        | \$1,786,907 | \$1,743,077 | \$1,920,150 | \$395,270 | \$5,845,404 |
| <b>Neoplasms</b>              | \$1,438,973 | \$1,111,916 | \$1,537,593 | \$380,955 | \$4,469,437 |
| <b>Circulatory</b>            | \$1,654,044 | \$2,022,451 | \$1,296,738 | \$397,583 | \$5,370,816 |
| <b>Ill Defined Conditions</b> | \$1,472,504 | \$1,503,032 | \$1,631,564 | \$345,846 | \$4,952,946 |
| <b>Injury and Poisonings</b>  | \$1,021,045 | \$1,207,451 | \$1,470,664 | \$334,287 | \$4,033,447 |

# Claim Spend by Major Diagnostic Category (MDC)-Preferred Care



## Top MDC

|                               | 2006        | 2007        | Total Spend |
|-------------------------------|-------------|-------------|-------------|
| <b>Digestive</b>              | \$1,082,898 | \$415,108   | \$1,498,006 |
| <b>Musculoskeletal</b>        | \$549,373   | \$619,896   | \$1,169,269 |
| <b>Injuries and Poisoning</b> | \$639,174   | \$791,474   | \$1,430,648 |
| <b>Circulatory</b>            | \$728,975   | \$1,051,609 | \$1,780,584 |
| <b>Spine and Bone Marrow</b>  | \$480,701   | \$559,013   | \$1,039,714 |

# Excellus High Cost Claimants (HCC)- Over \$25K

| <b>Excellus</b>            | <b>2005</b>             | <b>2006</b>             | <b>2007</b>             | <b>Q 1 2008</b>         |
|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| <b>Total # of Claims</b>   | 84                      | 82                      | 95                      | 18                      |
| <b>Range of Claim Cost</b> | \$25,465 -<br>\$169,688 | \$25,059 -<br>\$338,481 | \$25,120 -<br>\$451,267 | \$25,294 -<br>\$122,028 |
| <b>Total HCC Spend</b>     | \$4,180,267             | \$4,715,778             | \$5,069,837             | \$972,162               |

## Preferred Care High Cost Claimants (HCC)- Over \$30K

| Preferred Care      | 2005               | 2006               | 2007               |
|---------------------|--------------------|--------------------|--------------------|
| Total # of Claims   | 21                 | 20                 | 19                 |
| Range of Claim Cost | \$27,736-\$110,795 | \$33,072-\$285,011 | \$30,899-\$131,953 |
| Total HCC Spend     | \$1,058,585        | \$1,437,368        | \$1,044,616        |

# Specific Utilization Measures

## Major Diagnostic Category /High Cost Claims

Major Diagnostic Category expenses show incremental increase in cost for the period reviewed.

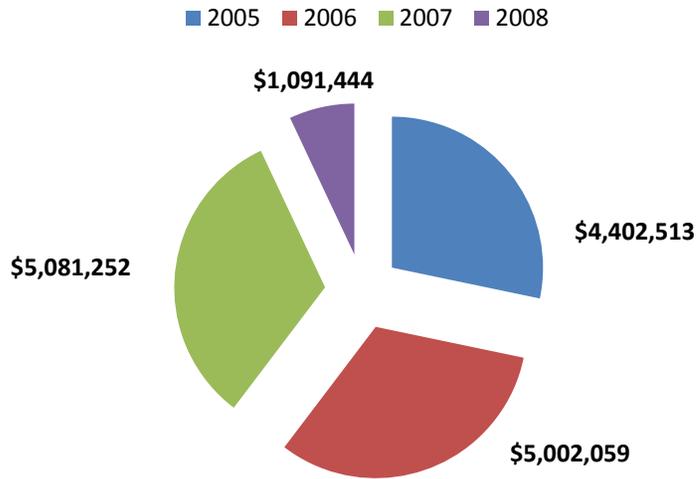
Musculoskeletal and Circulatory are #1 and #2 highest claim spend annually for Excellus and Circulatory and Digestive are #1 and #2 for Preferred Care.

The MDC's above as well as the other three are consistent with other large group MDC cost and utilization ranking

High cost claimants were steady for the period examined – both in number and total dollars spent

# Excellus Inpatient Cost/Visits

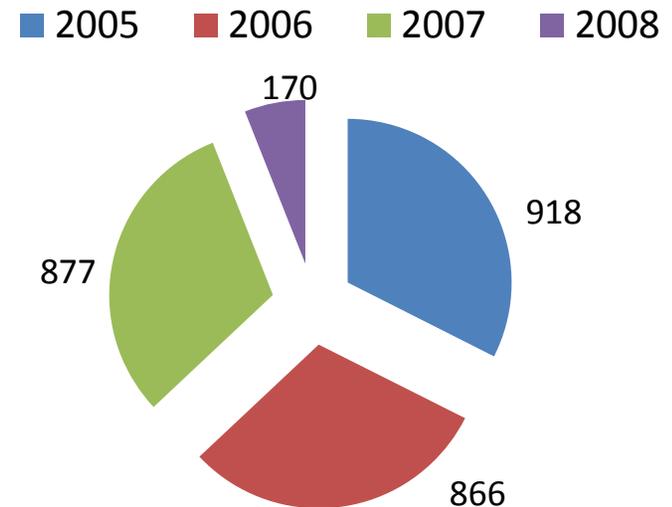
## Excellus Inpatient Cost by Year



Estimated 2008: \$4,365,775

Estimated 2008: 680

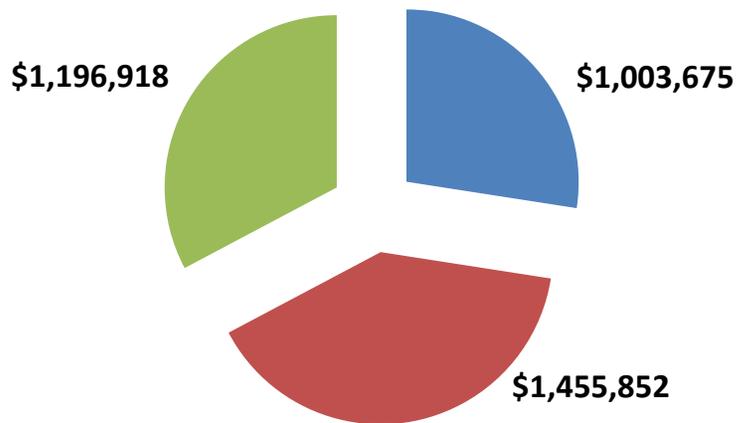
## Excellus Inpatient Visits Per Year



# Preferred Care Inpatient Cost/Visits

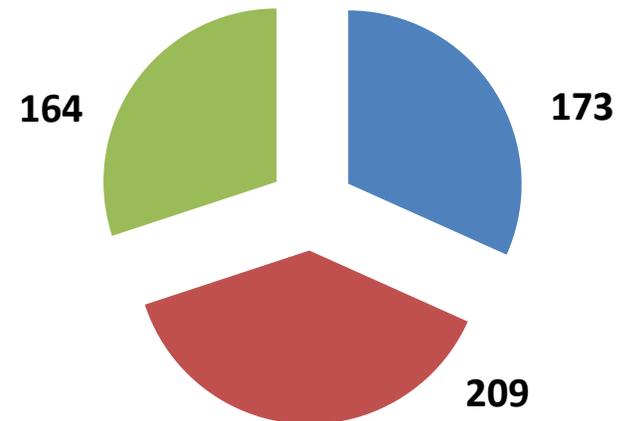
## Preferred Care Inpatient Cost by Year

■ 2005 ■ 2006 ■ 2007



## Preferred Care Inpatient Visits per Year

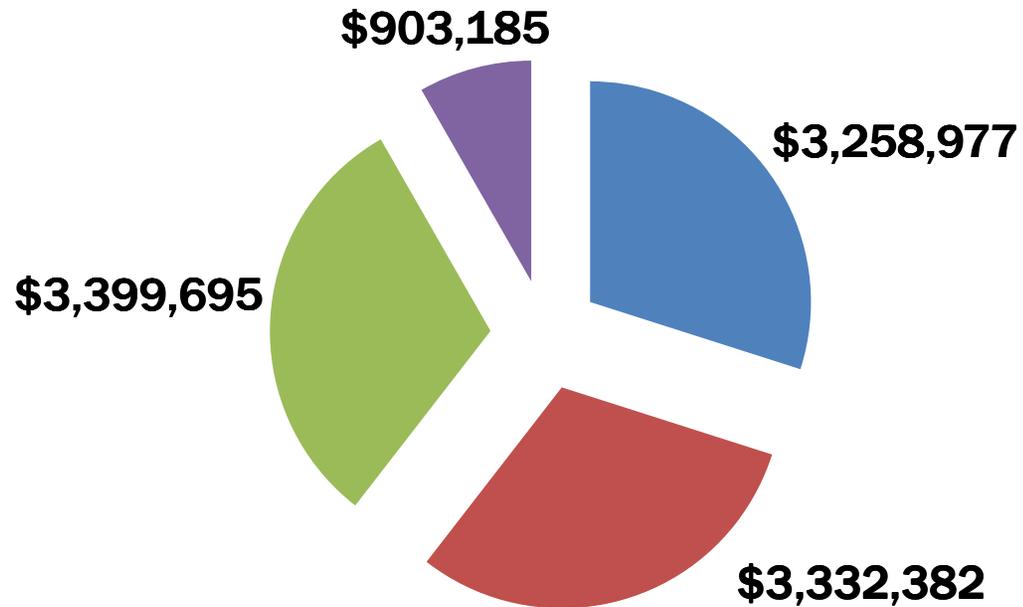
■ 2005 ■ 2006 ■ 2007



# Excellus – Outpatient Cost by Year

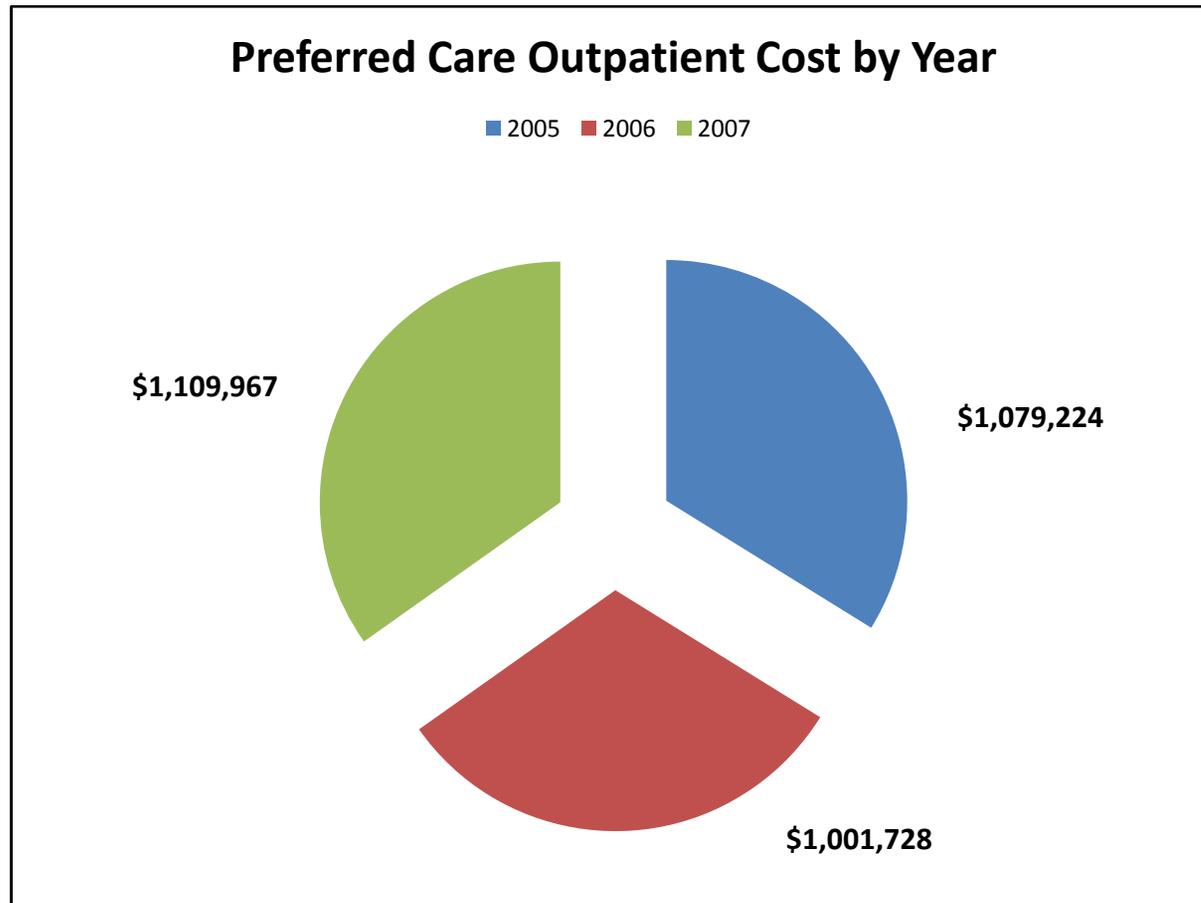
## Excellus Outpatient Cost by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008



Estimated 2008: \$3,612,739

# Preferred Care – Outpatient Cost by Year



# Specific Utilization Measures

## **Inpatient Cost / Visits**

Excellus and Preferred Care number of visits have shown a slight decline in number while the cost per year has increased

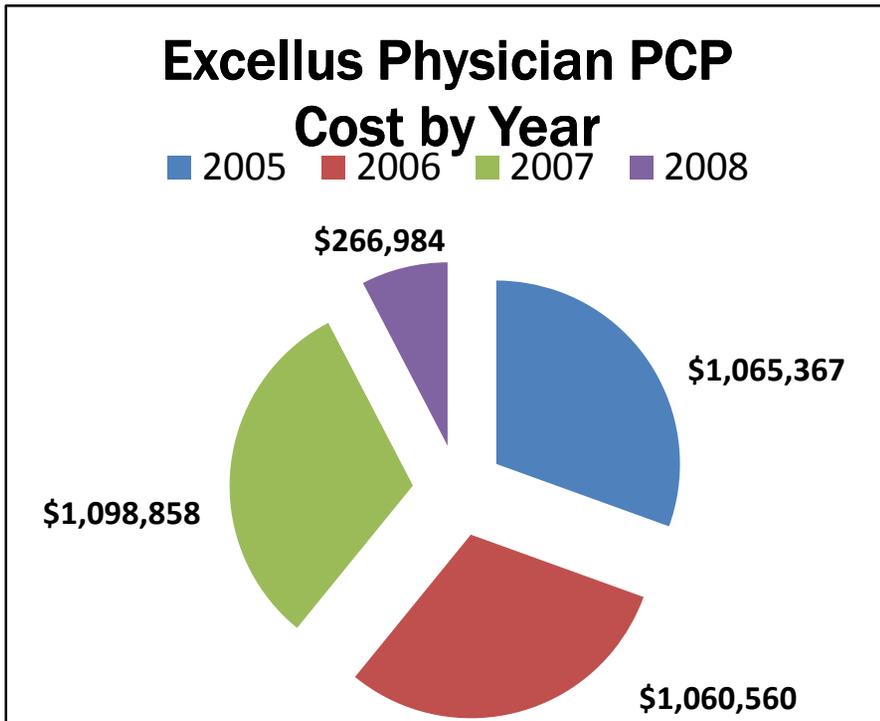
## **Outpatient Costs / Year**

Excellus O/P costs increased by 2% each year from 2005 to 2007, while 2008 costs are projected to increase by 6%.

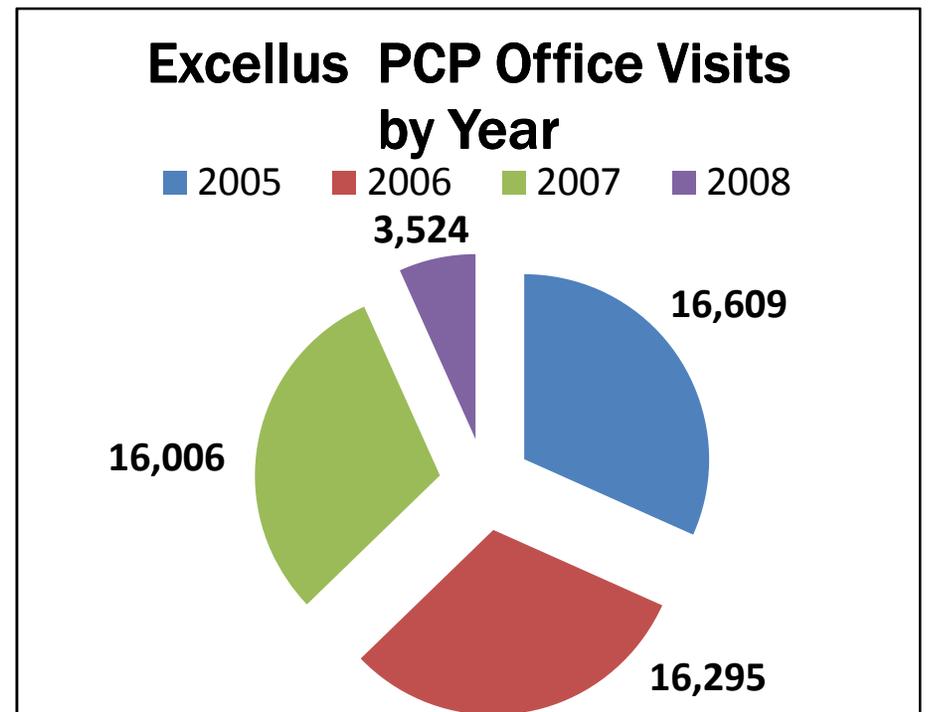
Preferred Care O/P costs have remained consistent over the three year period

Migration of services and cost to the O/P setting is a growing trend – and typically will offset I/P utilization and cost

# Excellus Primary Care Physician (PCP) Cost/Visits Per Year

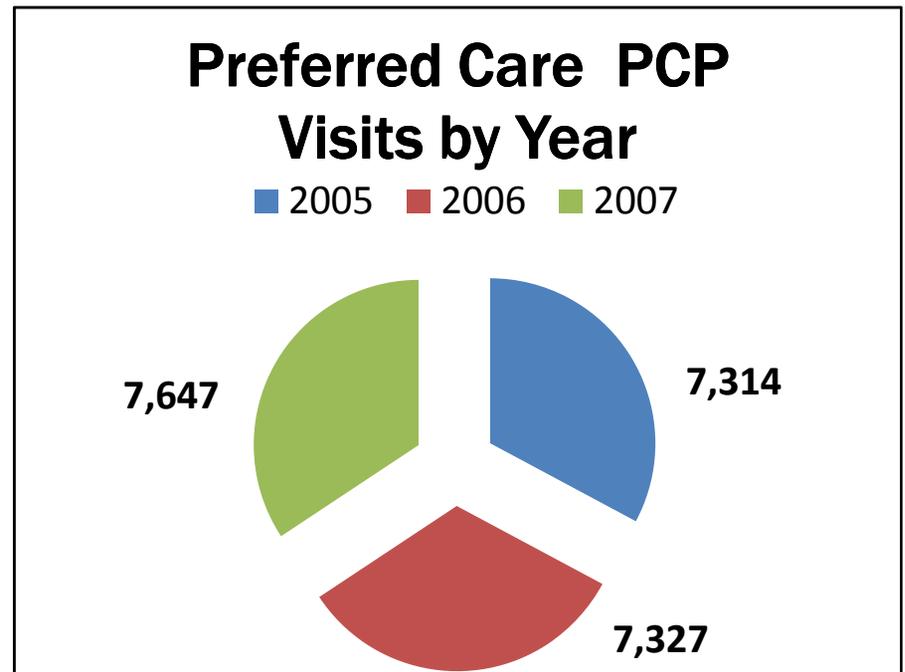
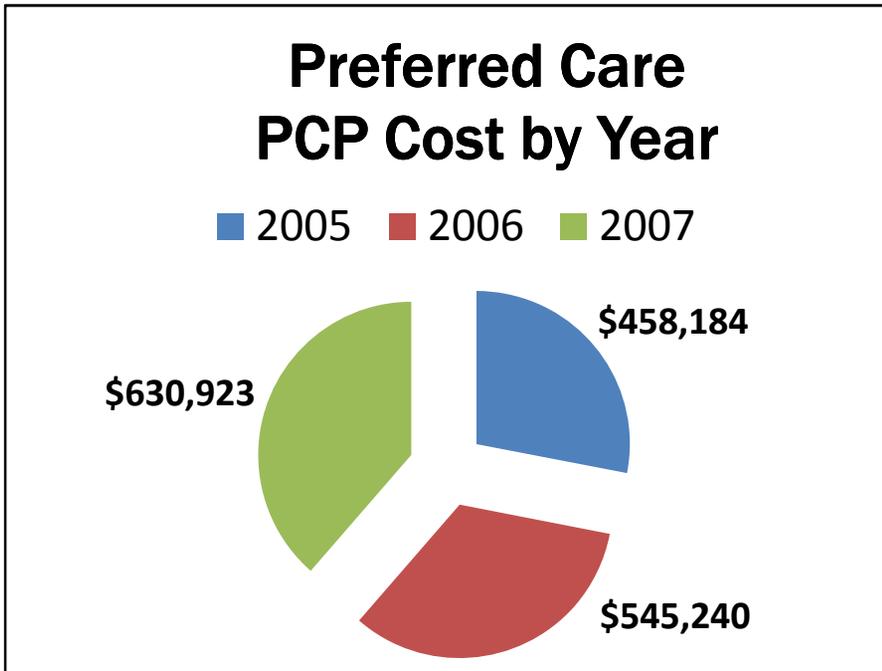


Estimated 2008: \$1,067,936



Estimated 2008: 14,096

# Preferred Care Primary Care Physician (PCP) Cost/ Visits Per Year



# Specific Utilization Measures

## PCP Cost and Visits / Year

Excellus number of PCP visits have declined slightly. The year over year cost has remained relatively flat

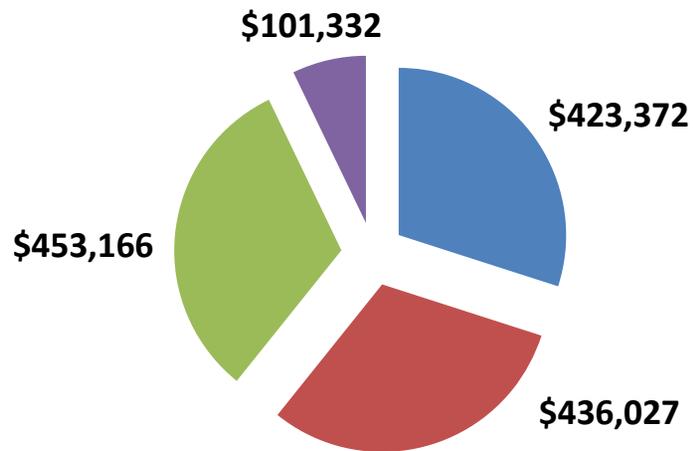
Preferred Care PCP cost and number of visits has increased year over year

- dollars increased 37% from 2005 – 2007
- visits increased 4% for the same period

# Excellus Specialist Cost and Number of Office Visits

## Excellus Specialist Cost by Year

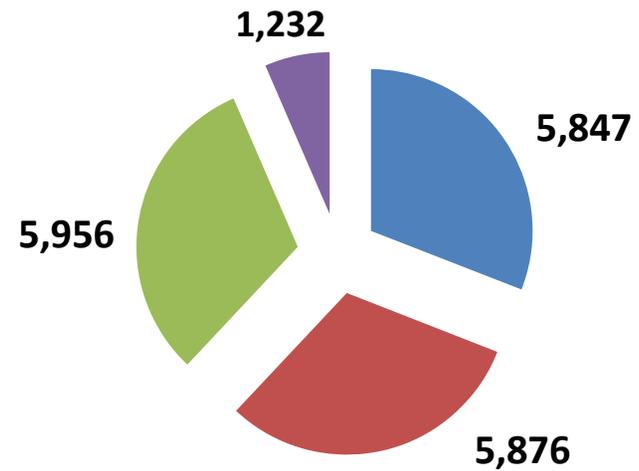
2005 2006 2007 2008



Estimated 2008: \$405,328

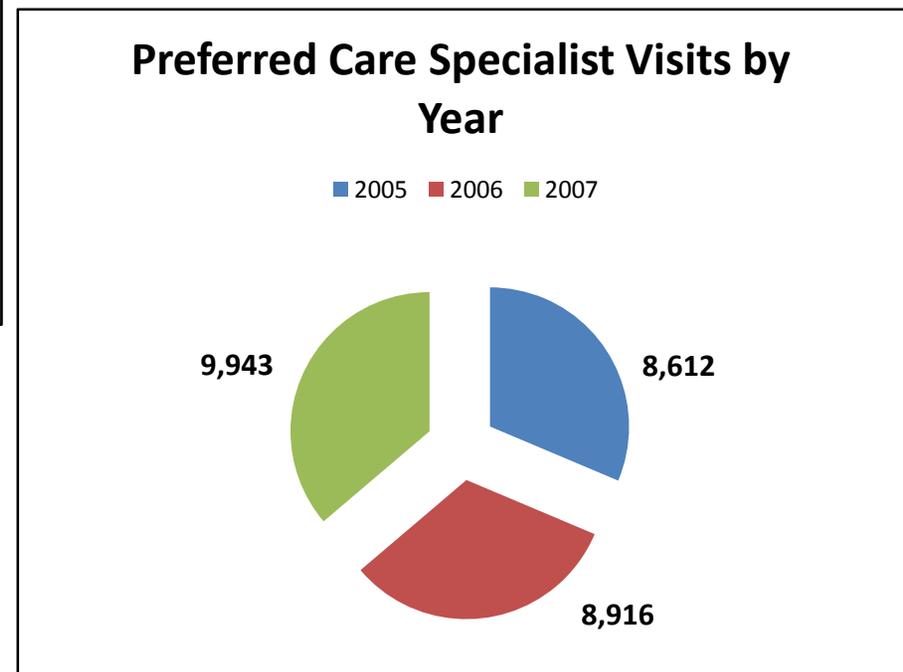
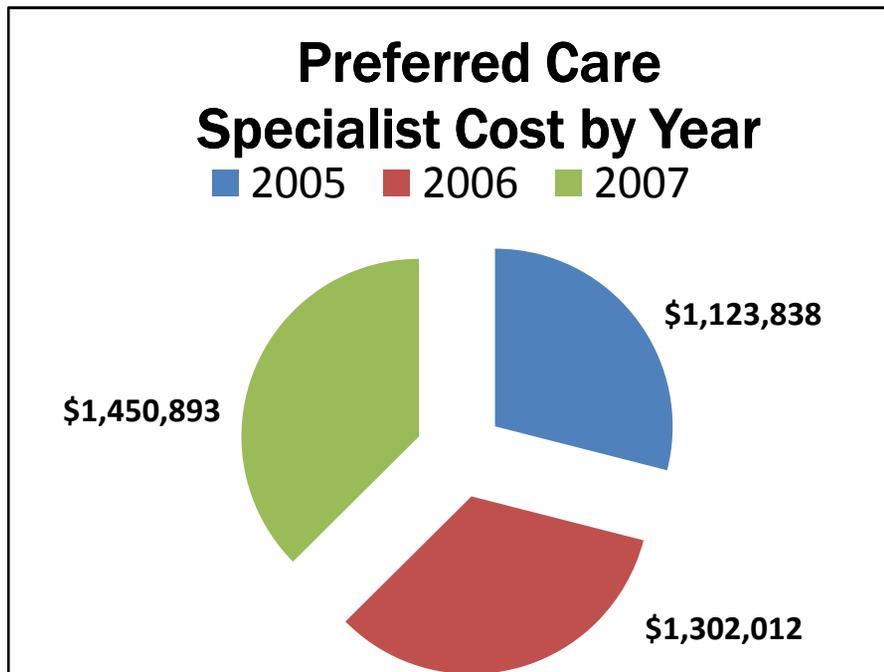
## Excellus Specialists Office Visits by Year

2005 2006 2007 2008



Estimated 2008: 4,928

# Preferred Care Specialist Cost/ # of Office Visits



# Specific Utilization Measures

## Specialist Cost and Visits / Year

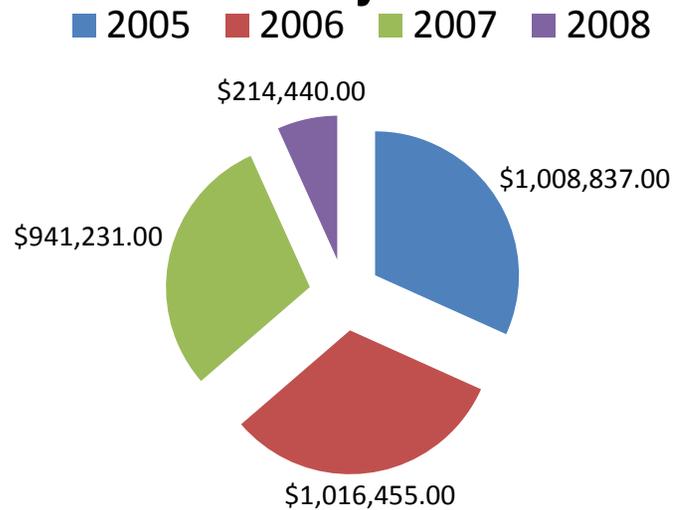
Excellus number of specialist visits and annual cost have increased slightly from 2005 to 2007.

Preferred Care specialist cost and number of visits have increased gradually year over year

- dollars increased 29% from 2005 – 2007
- visits increased 15% for the same period

# Excellus Emergency Room (ER) Costs and Visits

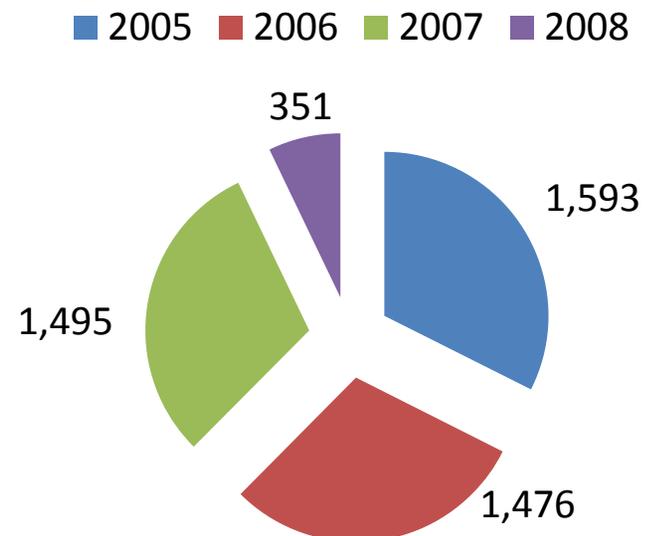
## Excellus Emergency Room Cost by Year



Estimated 2008: \$857,760

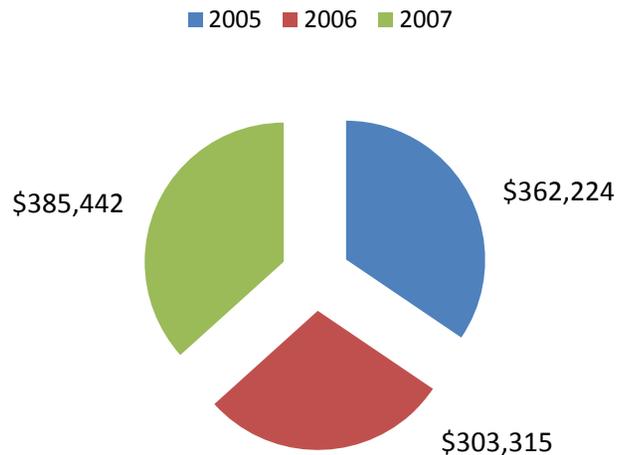
Estimated 2008: 1,404

## Excellus Emergency Room Visits by Year

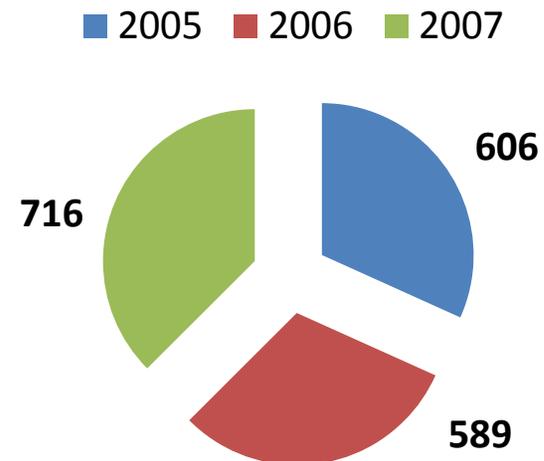


# Preferred Care Emergency Room (ER) Costs and Visits

Preferred Care  
Emergency Room Cost by Year



Preferred Care  
Emergency Room Visits by  
Year



# Specific Utilization Measures

## ER Costs and Visits / Year

Excellus number of ER visits declined slightly for the period

- with the lowest number in 2006 and the highest in 2005.
- costs increased from 2005 to 2006, while in 2007 cost were 7% lower than in 2005.

Preferred Care number of ER visits and costs decreased in 2006

- Preferred Care number of visits declined by 17 from 2005 to 2006, while costs declined by 19%
- Costs have increased 6% from 2005-2007

# 2007 Benchmarking-Excellus Book of Business vs. COR

## Comparative Data 2007 Plan Year

|   | Excellus PPO | City of Rochester |
|---|--------------|-------------------|
| Members per Contract                    | 2.1          | 2.2               |
| Average Age                             | 34.5         | 45                |
| Medical Only: Plan Cost/Contract/Year   | 5183         | 9296              |
| Medical Only: Total Cost/Member/Year    | 2773         | 4323              |
| Adm/1,000/Year                          | 74           | 108               |
| ER visits / 1,000 / Year                | 193          | 184               |
| Total Cost per Visit                    | 823          | 630               |
| PCP Office Visits / 1,000 / Year        | 1840         | 1971              |
| Total Cost per Visit                    | 75           | 69                |
| Specialist Office Visits / 1,000 / Year | 685          | 733               |
| Total Cost per Visit                    | 88           | 76                |
| Ratio PCP Visits to Specialist Visits   | 3            | 3                 |
| membership/year                         |              | 97429             |
| Contracts/year                          |              | 45301             |

- Data is Excellus enrollment only
- Excellus benchmarks are PPO book of business
- Leading indicators reflect greater utilization than Excellus PPO book of business
- Much of the increased COR utilization indicators can be attributed to richness in plan design
- Many of the total cost per visit indicators show lower cost

*\*Excellus average is based on members and COR is based on contract holders*

# Drug Analysis Executive Summary

Our study projects the City of Rochester:

- Could save 28% over the next three years by self-funding their current Excellus and PreferredCare arrangements
- Could save an additional 1% (roughly \$550,000 per year) by carving out the pharmacy and sourcing it with a best-in-class stand-alone PBM

# Projections

## City of Rochester

| <b>Cost/Savings Projections</b>     | <b>City of Rochester</b>                    |               |               |               |
|-------------------------------------|---|---------------|---------------|---------------|
|                                     | <b>Cost/Savings Projections (in 1,000s)</b> |               |               |               |
|                                     | <b>2009</b>                                 | <b>2010</b>   | <b>2011</b>   | <b>Total</b>  |
| Current Arrangement (CA) Costs      | \$58,249                                    | \$68,433      | \$77,329      | \$204,012     |
| Carrier Self-Funded (SF) Costs      | 44,081                                      | 49,058        | 53,616        | 146,754       |
| <i>Carrier SF vs. CA Savings</i>    | <i>14,169</i>                               | <i>19,375</i> | <i>23,713</i> | <i>57,257</i> |
| Carrier/PBM SF Costs                | 43,559                                      | 48,463        | 52,938        | 144,960       |
| <i>Carrier/PBM SF vs CA Savings</i> | <i>14,690</i>                               | <i>19,970</i> | <i>24,391</i> | <i>59,052</i> |

# Pharmacy Marketing

Regardless of where we ultimately source the pharmacy benefits, these projections assume that we market the pharmacy benefits to Excellus, PreferredCare, and stand-alone PBMs. This will allow us to:

- Place external competitive leverage on Excellus and PreferredCare
- Compare the financial advantages of a pharmacy carve-out with the operational downsides (e.g. two cards)
- Lower the cost of pharmacy benefits for plan sponsors and participants
- Ensure study clients receive promised value through annual pharmacy performance guarantee audits

# Data Reliance

In performing this analysis, we relied on claims data and other information provided to us by Excellus and PreferredCare

We checked this information for reasonableness, but did not perform formal audits

If the underlying information is inaccurate or incomplete, the results of our analysis may likewise be inaccurate or incomplete

# Variability of Results

This study's projections are based on reasonable actuarial assumptions regarding future claims, admin fees, enrollment, and trends

To the extent experience varies from our assumptions, costs and savings will vary from our projections

Brown & Brown and DeepView Solutions make no guarantees that experience will match the projections in this analysis

**Thank You**

**QUESTIONS?**

# Disclosure

## DISCLOSURE

The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.

Executive summaries and proposals, if presented to clients, are created by Brown & Brown. Neither the carrier nor Brown & Brown will be held responsible for typographical or clerical errors contained in said proposal.

This is provided for your internal use only. The contents are made available strictly to the client. No further use or distribution is authorized without our prior written consent.

It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.

All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverages.

B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.

Broader Coverage May Be Available.

**Carriers represented in this presentation are: Preferred Care AM Best Rating B+ and Excellus BlueCross Blue Shield AM Best Rating A-.**

In addition to the commissions or fees received by us for assistance with the placement, servicing, claims handling, or renewal of your insurance coverages, other parties, such as excess and surplus lines brokers, wholesale brokers, reinsurance intermediaries, underwriting managers and similar parties, some of which may be owned in whole or in part by Brown & Brown, Inc., may also receive compensation for their role in providing insurance products or services to you pursuant to their separate contracts with insurance or reinsurance carriers.

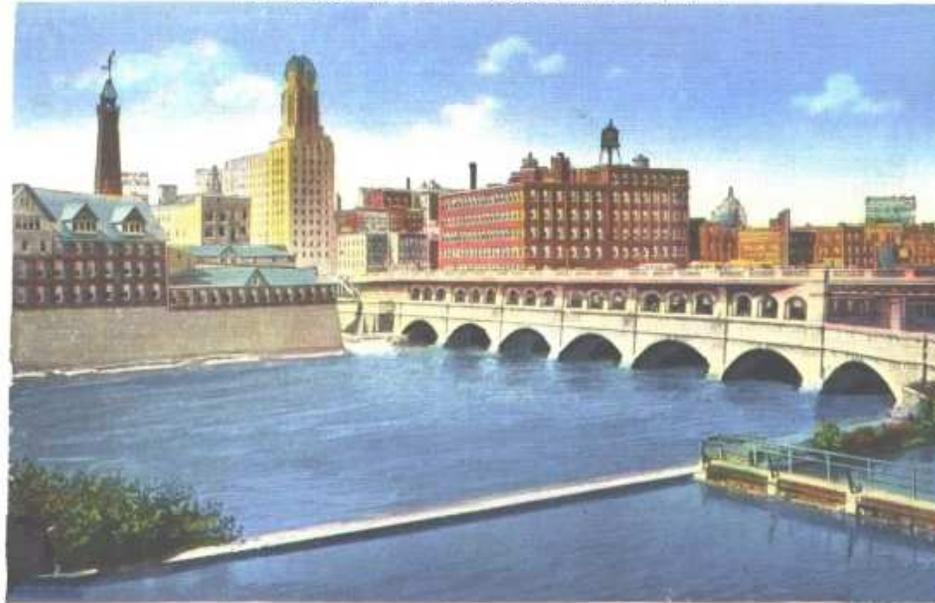
Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies.

Should you have any questions, or require any additional information, please contact this office. If for any reason you prefer not to contact this office, you can submit a report concerning any entity related to Brown & Brown, Inc. through Ethicspoint by e-mail via [www.ethicspoint.com](http://www.ethicspoint.com), or by toll-free call to 866-384-4277.

This report was prepared with funds provided by the New York State Department of State under the Shared Municipal Services Incentive Grant Program.



The Genesee River and Aqueduct, Rochester, N. Y.



## Summary of Findings for Labor / Management Benefit Committee

**BB** Brown & Brown Insurance  
Employee Benefit Group



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- HealthCare Marketplace
- Benchmarking
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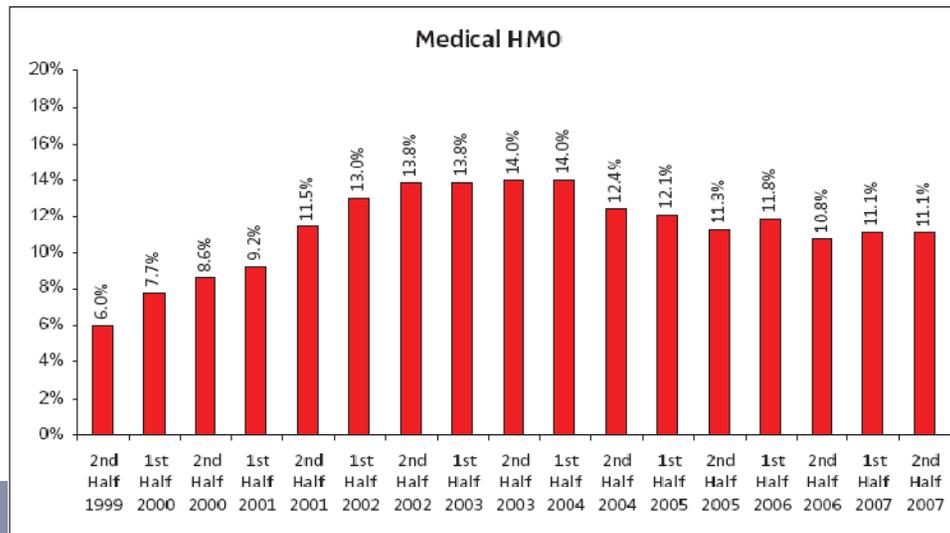
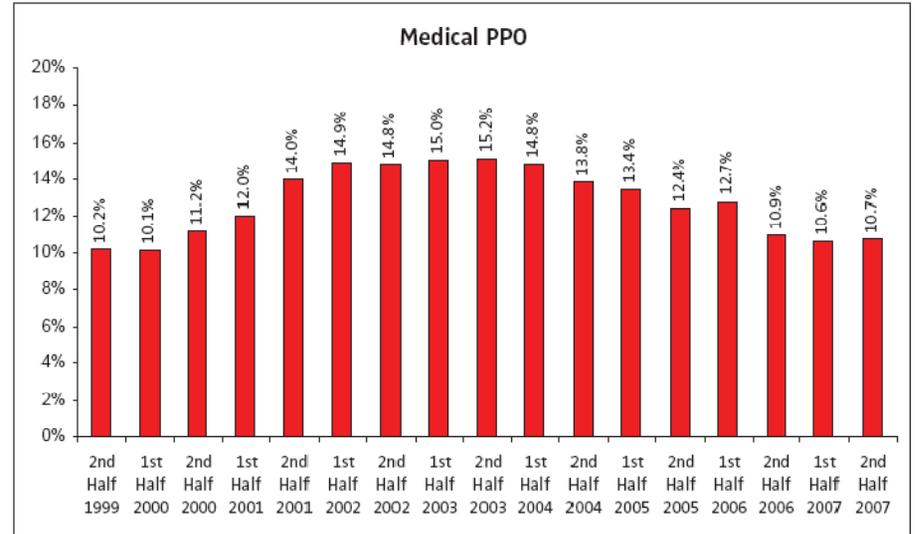
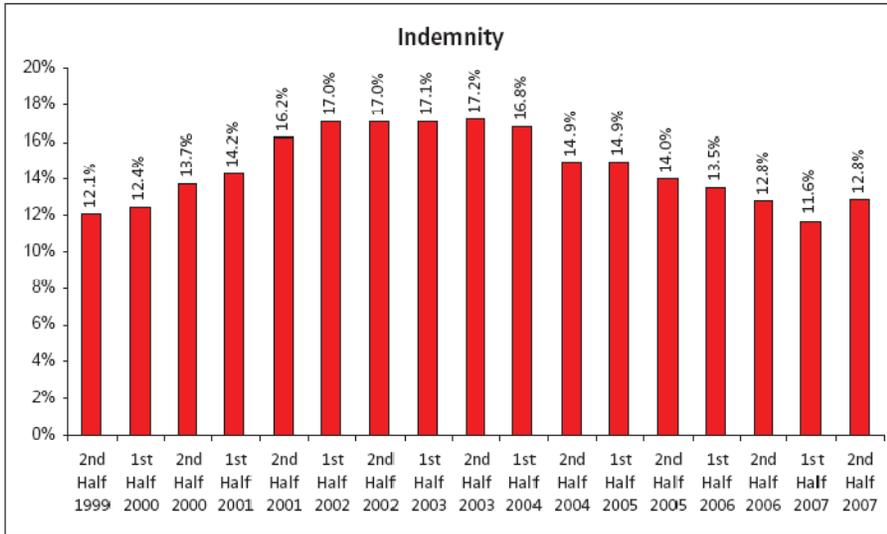
# Executive Summary

We are pleased to present our summary of findings for City of Rochester Labor / Management Benefits Committee. This presentation will provide a starting point and foundation to begin our process of managing the health plan. We will attempt to provide analysis and data that will guide us through our blue print process.

## **About the Report:**

- ✓ The analysis and observations are based on Brown and Brown's experience with other employers in the region, industry and nation.
- ✓ Brown and Brown is able to draw comparisons to your plans based on multiple sources of accumulated benchmarking data.
- ✓ It will serve as a concise snapshot of the overall position and strategy of your medical plans and the tools and resources we will deploy to aid City of Rochester Labor Management Benefits Committee.

# Health Care Trends



# The Marketplace/Current Plan Designs

**Health maintenance organization (HMO)** – a managed care organization that provides, offers, or arranges for coverage of designated health services for plan members for a fixed, prepaid premium. Patients must choose doctors, hospitals, and other health care providers from the plan's provider list in order to be fully covered. Emphasis is placed on preventive care and cost management.

## **Characteristics of an HMO:**

- ✓ **Referrals Required**
- ✓ **Limited Closed Panel Network**
- ✓ **Primary Care Physician Selection required**
- ✓ **No Coverage for Out of Network Services**

**Preferred provider organization (PPO)** – a managed care plan in which the network of doctors and hospitals provide services to plan members at discounted rates. Unlike HMOs, most PPOs do not require designation of a primary care physician to oversee patients' overall care, allowing members to consult specialists or out-of-network providers as they wish. Coverage is usually less for out-of-network providers.

## **Characteristics of a PPO:**

- ✓ **Referrals Not Required**
- ✓ **Larger and typically national network**
- ✓ **Primary Care Physician Selection NOT required**
- ✓ **Typically provides coverage for Out of Network Services at a higher member cost**

# The Marketplace/Current Plan Designs

**Exclusive Provider Organization (EPO)** – a managed care plan in which the network of doctors and hospitals provide services to plan members at discounted rates. Unlike HMOs, most EPO's do not require designation of a primary care physician to oversee patients' overall care, allowing members to consult specialists or other providers whenever they wish. Unlike PPO's, coverage is usually not provided for out of network services.

## **Characteristics of an EPO:**

- ✓ **Referrals Not Required**
- ✓ **Larger and typically national network**
- ✓ **Primary Care Physician Selection NOT required**
- ✓ **No Coverage for Out of Network Services**

# Market Overview

**Experience Rating/Self Funding –  
Better than average risk**

**Community Rated-  
Groups < 50 employees that  
meet underwriting guidelines**



- The Excellus community pool in the near future will contain employer groups with under 50 eligible employees. Larger employer groups have either left or will leave the community pool for experience rated or self funded financial arrangements.
- Preferred Care has proportionately more members in community rated products today, however with the recent introduction of EPO and PPO plans we expect a similar migration of membership into experience rated or self-funded programs.
- The new EPO/PPO platforms offer greater access to providers on a national basis, do not require referrals for specialist services and don't require selection of a primary care physician (PCP).
- EPO and PPO's are the choice of national carriers for their future benefit platforms.

## **Statistics:**

- In 1999 19% of Excellus Rochester Region business was Experience rated or self funded while 81% was Community Rated.
- In 2008 approximately 70% of Excellus Rochester Region business is Experience Rated or Self Funded and 30% is Community rated.

# Speaking Points – Market Overview

- ✓ The community pool continues to erode
- ✓ Those left in the pool will feel this erosion through increased rates and reduced plan selection
- ✓ Payors of health care premium (employers/employees/labor health & welfare funds) are moving to next generation plans – EPO or PPO to get out of a shrinking and out dated HMO benefit model
- ✓ Carriers are investing dollars in EPO and PPO plan platforms, not in HMO platforms
- ✓ EPO/PPO platforms provide access to larger networks of providers (typically national) and easier access to services (no referrals)
- ✓ Those that are not proactive in managing the current market changes are left to have their benefit options dictated to by the carrier market

# Collective Bargaining Contract Language

## AFSCME Local 1635-Active Employees

|   |   |   |   |
|---|---|---|---|
| LABOR Collective Bargaining Employee Benefit Grid                   |   |   |   |
| <b>BARGAINING UNIT</b>  |   |   |   |
| <b>AFSCME LOCAL 1635 - Active Employees</b>                         |   |   |   |
| July 1, 2005 - June 30, 2009  |   |   |   |
| <u>Date of Hire</u>   | <u>Benefit Plan Available</u>   | <u>Employee Contribution</u>            |   |
| <b>before July 1, 1981</b>  | BCBS w/ PBM and \$5Rx   | \$1 single/month<br>\$2.75 family/month |   |
| <b>on or after July 1, 1981<br/>but before September 1, 1989</b>    | BCBS w/ PBM (if previously enrolled)<br>Blue Choice Select (silent on Rx)<br>Preferred Care community (silent on Rx)<br>BC Value and PC Opportunity (as choice) | 15.0%<br><br><br>10.0%                  |   |
| <b>on or after September 1, 1989<br/>but before January 1, 1993</b> | Community Comp II<br>BC Value<br>Preferred Care Opportunity   | 10.0%                                   |   |
| <b>on or after January 1, 1993<br/>but before July 1, 2006</b>      | Community Comp II<br>BC Value   | 25.0%                                   | 9 |

# Collective Bargaining Contract Language

## Rochester Police Locust Club - Active Employees

July 1, 2001 - June 30, 2005

| <u>Date of Hire</u>  | <u>Benefit Plan Available</u>           | <u>Employee Contribution</u> |
|--|---|------------------------------|
| <b>before July 1,2000</b>                                  | BCBS w/ PBM* w/ \$5Rx                   | 9.0% grandfathered 7/23/07   |
|  | BC Extended (silent on Rx)              | 9.0%                         |
|  | BC Select (silent on Rx)                | 6.0%                         |
|  | PC Comprehensive (silent on Rx)         | 9.0%                         |
|  | PC Community (silent on Rx)             | 6.0%                         |
|  | BC Value                                |                              |
|  | PC Opportunity                          |                              |
| <b>on or after July 1,2000<br/>but before July 1, 2007</b> | Blue Choice Select (silent on Rx)       | 6.0%                         |
|  | Preferred Care community (silent on Rx) | 6.0%                         |
| <b>on or after July 1, 2007</b>                            | BC Value                                | 6.0%                         |
|  | PC Opportunity                          | 6.0%                         |

\* closed to new enrollees as of 10/1/2007

# Collective Bargaining Contract Language

## Rochester Fire Fighters Association- Active Employees

July 1, 2003 - June 30, 2008

| <u>Date of Hire</u>  | <u>Benefit Plan Available</u>           | <u>Employee Contribution</u> |
|--|---|------------------------------|
| <b>before July 1,1997</b>                                  | BCBS w/ PIP and \$5Rx                   | 7.5%                         |
|  | BC Select (silent on Rx)                | 7.5%                         |
|  | PC Community (silent on Rx)             | 7.5%                         |
| <b>on or after July 1,1997</b>                             | Blue Choice Select (silent on Rx)       | 15.0%                        |
|  | Preferred Care community (silent on Rx) | 15.0%                        |
| <b>effective October 1, 2004 all member option to take</b> | BC Value                                | 15% or 7.5%                  |
|  | PC Opportunity                          | 15% or 7.5%                  |

## Rochester Fire Fighters Association- Non-Uniformed Group

July 1, 2005 - June 30, 2009

Benefits provided as negotiated between AFSCME Local 1635 and City of Rochester

# Collective Bargaining Contract Language

## Operating Engineers Local 832S-Active Employees

July 1, 2006 - June 30, 2010

| <u>Date of Hire</u>   | <u>Benefit Plan Available</u> | <u>Employee Contribution</u> |
|---|-------------------------------|------------------------------|
| <b>before July 1, 1981</b>                                  | Community Comp II             | \$1 single/month             |
|   | BC Select (silent on Rx)      | \$2.75 family/month          |
|   | PC Community (silent on Rx)   |                              |
| <b>on or after July 1, 1981<br/>but before July 1, 1993</b> | Community Comp II             | 15.0%                        |
|   | BC Select (silent on Rx)      | 15.0%                        |
|   | PC Community (silent on Rx)   |                              |
| <b>on or after July 1, 1993<br/>but before July 1, 2003</b> | Community Comp II             | 25.0%                        |
|   | BC Select (silent on Rx)      |                              |
|   | PC Community (silent on Rx)   |                              |
|   | BC Value                      |                              |
|   | PC Opportunity                |                              |
| <b>on or after July 1, 2003<br/>but before July 1, 2006</b> | Community Comp II             | 25.0%                        |
|   | BC Value                      |                              |
|   | PC Opportunity                |                              |
| <b>on or after July 1, 2006</b>                             | Community Comp II             | 25% single                   |
|   | BC Value                      | 35% non-single coverage      |
|   | PC Opportunity                |                              |

# Non-Bargained Cafeteria Plan Contribution Levels

## Renewal Date January 1

Tier 1 - hired before 1/1/93

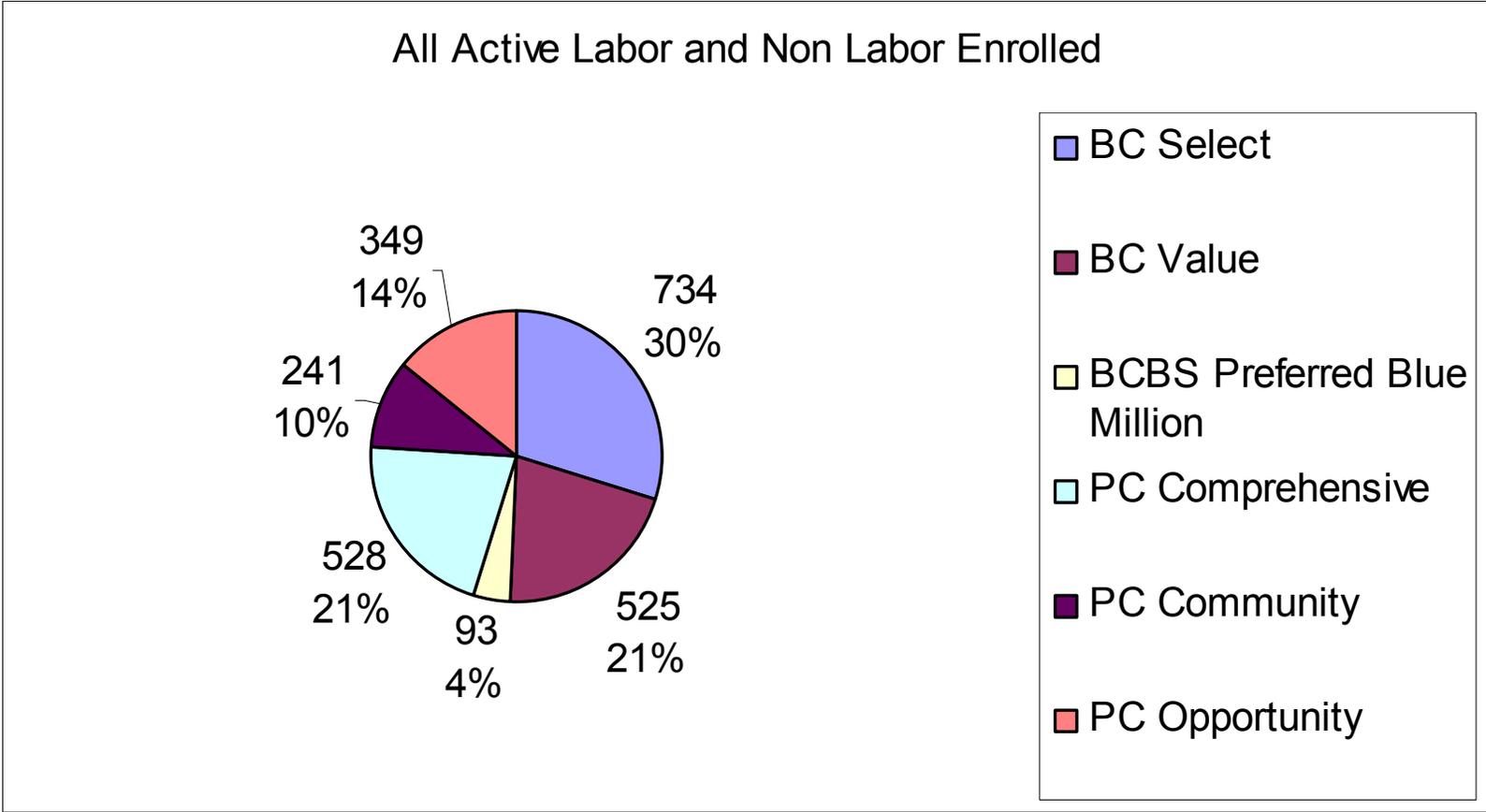
Tier 2 - hired on or after 1/1/92 but before 1/1/98

Tier 3 - hired on or after 1/1/98 and before 1/1/02

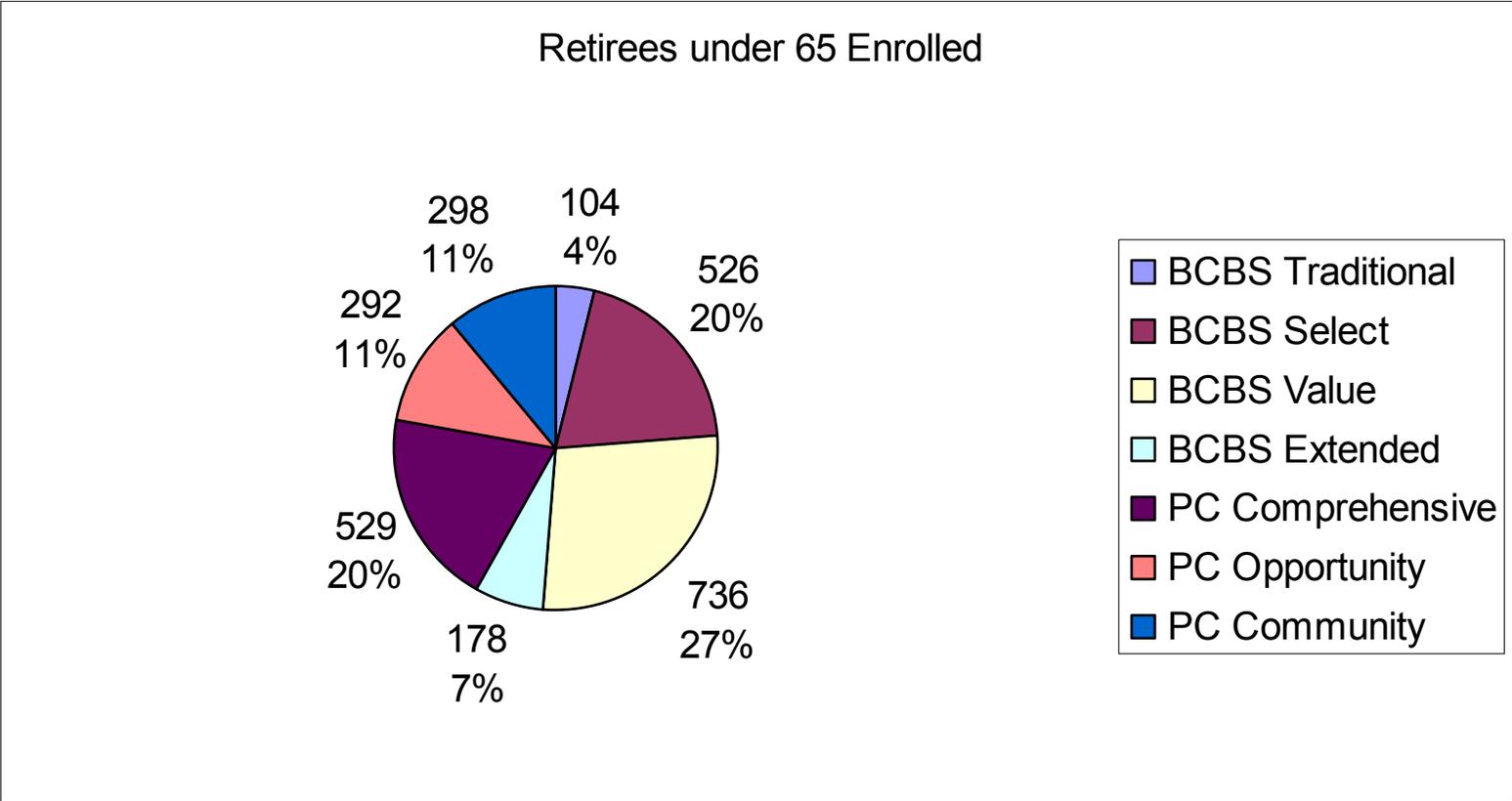
Tier 4 - hired on or after 1/1/02

| Tier      | Benefit Plan Available       | Employee Contribution          |
|-----------|------------------------------|--------------------------------|
| One (1)   | Community Comp II            | \$1 single/month               |
|           | Blue Point II Extended       | \$2 two person or family/month |
|           | Blue Point II Select         |                                |
|           | Blue Point II Value          |                                |
|           | Preferred Care Comprehensive |                                |
|           | Preferred Care Community     |                                |
|           | Preferred Care Opportunity   |                                |
| Two (2)   | Community Comp II            | 8%                             |
|           | Blue Point II Extended       |                                |
|           | Blue Point II Select         |                                |
|           | Blue Point II Value          |                                |
|           | Preferred Care Comprehensive |                                |
|           | Preferred Care Community     |                                |
|           | Preferred Care Opportunity   |                                |
| Three (3) | Community Comp II            | 10%                            |
|           | Blue Point II Extended       |                                |
|           | Blue Point II Select         |                                |
|           | Blue Point II Value          |                                |
|           | Preferred Care Comprehensive |                                |
|           | Preferred Care Community     |                                |
|           | Preferred Care Opportunity   |                                |
| Four (4)  | Community Comp II            | 25%                            |
|           | Blue Point II Extended       |                                |
|           | Blue Point II Select         |                                |
|           | Blue Point II Value          |                                |
|           | Preferred Care Comprehensive |                                |
|           | Preferred Care Community     |                                |
|           | Preferred Care Opportunity   |                                |

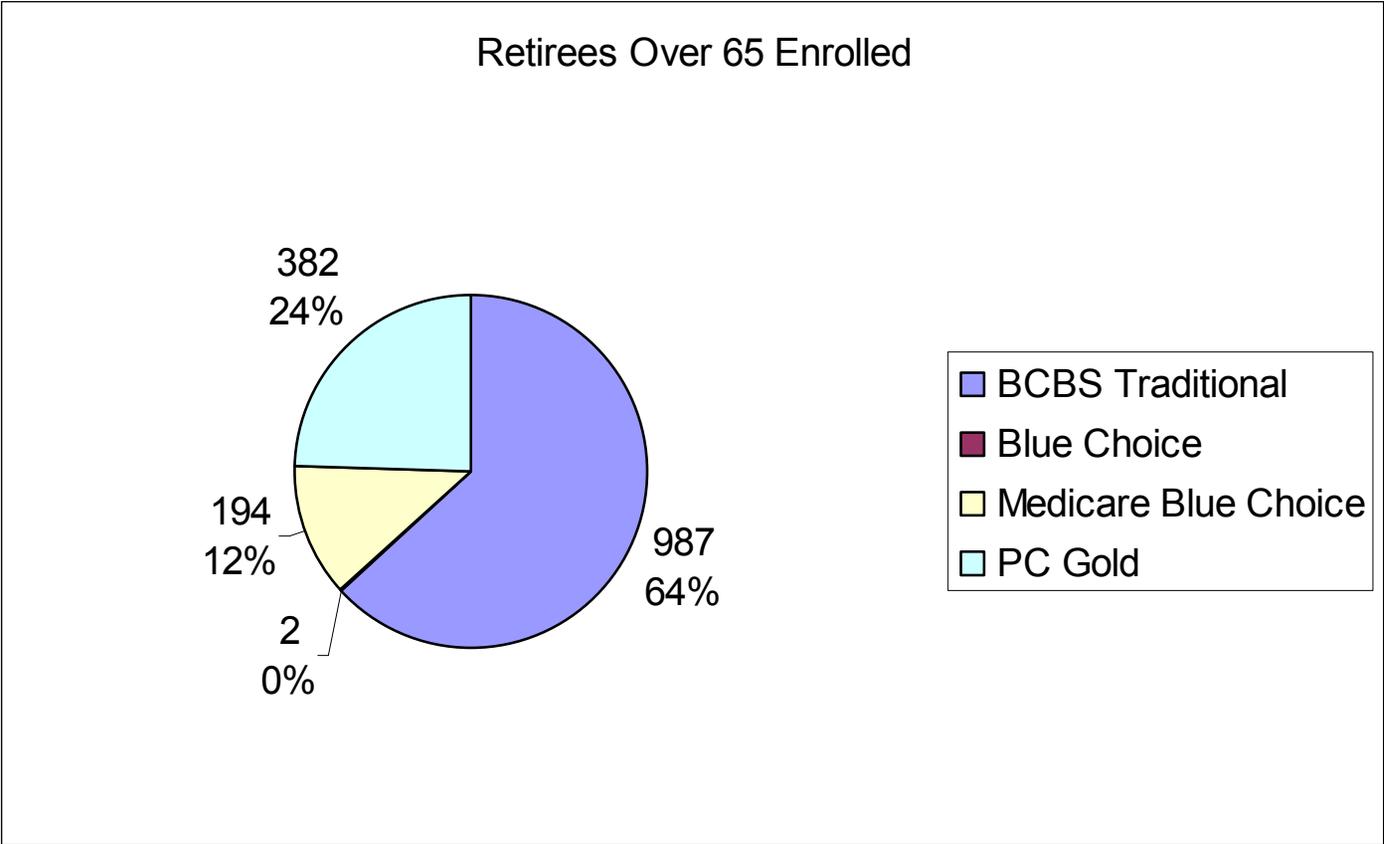
# Enrollment by plan Active Employees



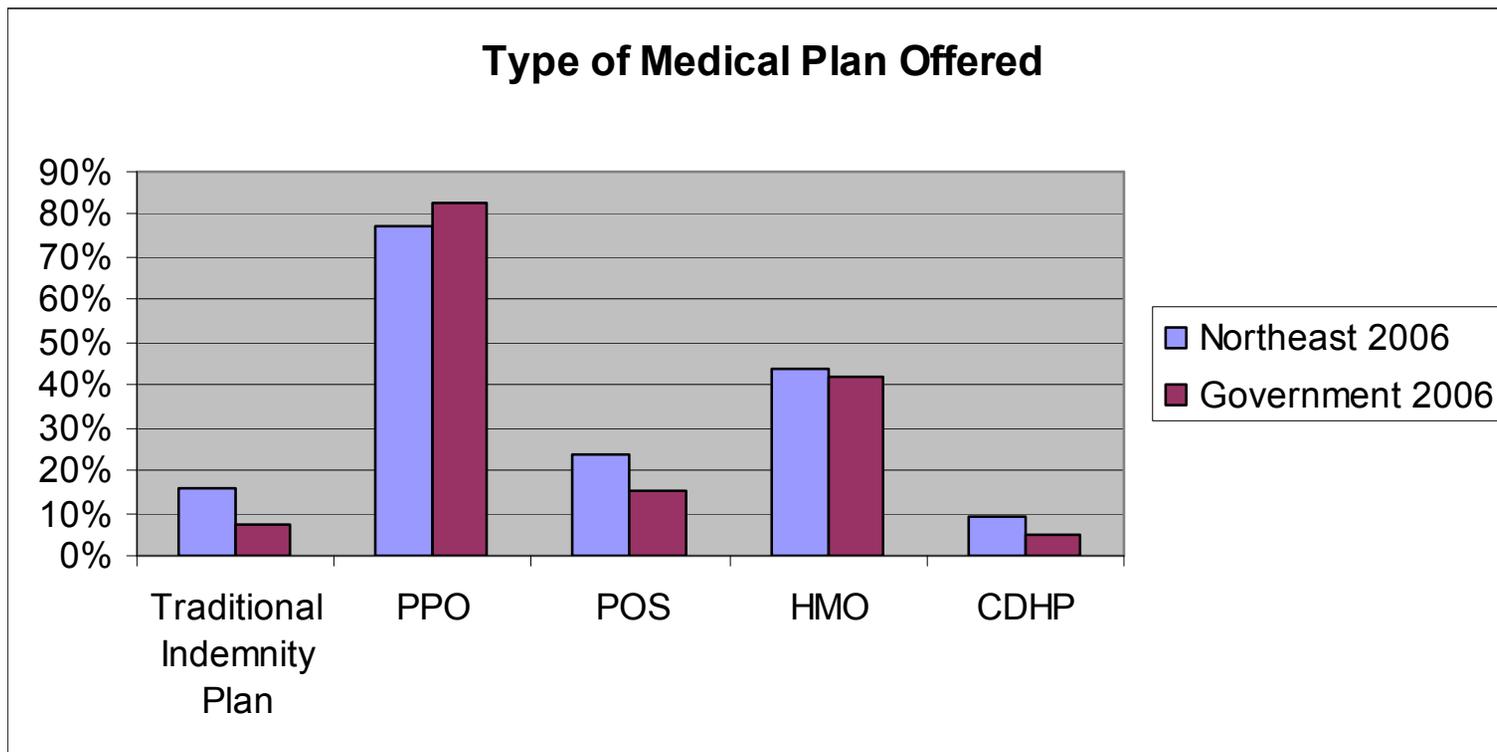
# Enrollment by plan under 65 Retirees



# Enrollment by plan over 65 Retirees



# Benchmarking



Source: 2006 Mercer National Survey of Employer-Sponsored Health Plans

# Benchmarking-Plan Design

PPO Plan Design:

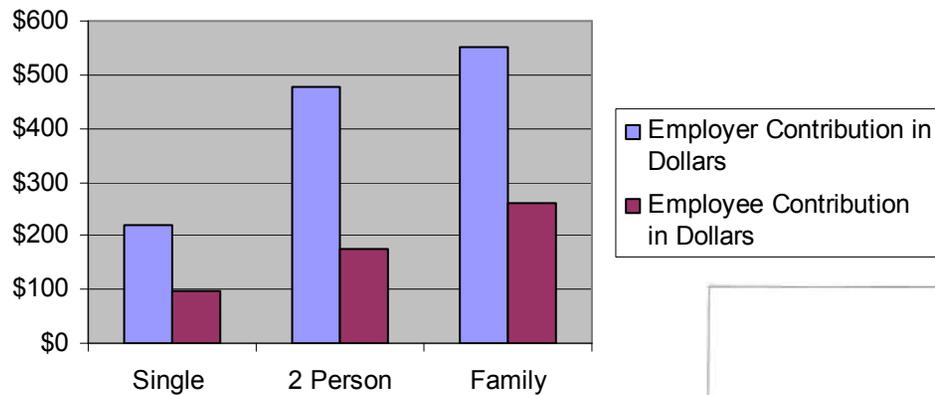
| <b>PPO Plans</b>  | <b>Northeast<br/>2006</b> | <b>Government<br/>2006</b> | <b>Rochester<br/>Area*</b> |
|---|---------------------------|----------------------------|----------------------------|
| <b>Require In-<br/>Network<br/>Deductible</b>                   | 45%                       | 75%                        | 20%                        |
| <b>Median<br/>Individual<br/>Deductible<br/>Amount</b>          | \$250                     | \$300                      | \$250                      |
| <b>Require<br/>Copay for In-<br/>Net Office<br/>Visits</b>      | 76%                       | 85%                        | 95%                        |
| <b>Require<br/>Coinsurance<br/>for In-Net<br/>office visits</b> | 26%                       | 14%                        | 5%                         |
| <b>Require<br/>Coinsurance<br/>for In-Net<br/>hospital</b>      | 32%                       | 62%                        | 15%                        |
| <b>In-Net office<br/>visit copay</b>                            | \$15                      | \$20                       | \$15-\$25                  |
| <b>Rx Copay<br/>Amounts</b>                                     | \$10/20/35                | \$10/25/40                 | \$10/25/40                 |

Source: 2006 Mercer National Survey of Employer-Sponsored Health Plans

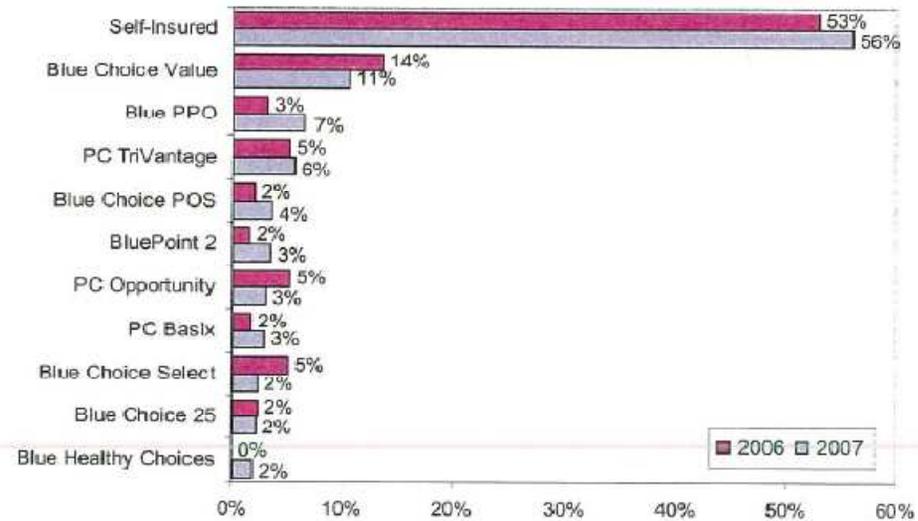
\*Based on B&B book of Business

# Benchmarking

Employer/Employee Contributions



Employee Health Plan Selections: 2006 vs. 2007



# 2008 Estimated Cost Analysis

Active Employees:

| Active Employees | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|------------------|-------------|----------------------|----------------------------|----------------------------|
| AFSCME           | 1077        | \$9,393,381          | \$1,575,499                | \$7,817,882                |
| IUOE             | 8           | \$85,916             | \$13,902                   | \$72,013                   |
| FireFighter      | 472         | \$5,041,230          | \$494,373                  | \$4,546,857                |
| Police           | 689         | \$8,162,907          | \$649,936                  | \$7,512,971                |
| Non-Union        | 405         | \$4,242,772          | \$285,013                  | \$3,957,758                |
| <b>Total</b>     | <b>2651</b> | <b>\$26,926,205</b>  | <b>\$3,018,724</b>         | <b>\$23,907,481</b>        |

2008 Average annual cost per employee: \$10,157.00

2007 Benchmark: \$8,991.00 (Mercer National Benefit Survey-Government)

*Enrollment assumptions based on March 2008 carrier information and contribution data provided by City*

# 2008 Estimated Cost Analysis

Retired Under 65:

| Retired Employees under 65 | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|----------------------------|-------------|----------------------|----------------------------|----------------------------|
| AFSCME                     | 224         | \$2,685,747          | \$80,634                   | \$2,605,113                |
| FireFighter                | 240         | \$2,883,749          | \$162,514                  | \$2,721,235                |
| Police                     | 406         | \$6,069,456          | \$328,267                  | \$5,741,189                |
| Non-Union                  | 127         | \$1,536,316          | \$102,828                  | \$1,433,488                |
| RZ1                        | 4           | \$30,210             | \$0                        | \$30,210                   |
| <b>Total</b>               | <b>1001</b> | <b>\$13,205,478</b>  | <b>\$674,244</b>           | <b>\$12,531,234</b>        |

2008 Average annual cost per retiree: \$13,192.00

*Enrollment assumptions based on March 2008 carrier information and contribution data provided City*

# 2008 Estimated Cost Analysis

Retired over 65 :

| Retired Employees over 65 | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|---------------------------|-------------|----------------------|----------------------------|----------------------------|
| AFSCME                    | 513         | \$1,780,436          | \$100,044                  | \$1,680,391                |
| FireFighter               | 429         | \$1,425,028          | \$152,498                  | \$1,272,530                |
| Police                    | 236         | \$916,730            | \$106,196                  | \$810,534                  |
| Non-Union                 | 182         | \$550,780            | \$24,982                   | \$525,797                  |
| RZ1                       | 205         | \$559,376            | \$66,920                   | \$492,455                  |
| <b>Total</b>              | <b>1565</b> | <b>\$5,232,350</b>   | <b>\$450,641</b>           | <b>\$4,781,709</b>         |

2008 Average annual cost per retiree: \$3,343.00

# 2008 Estimated Total Cost Analysis

| Active Employees | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|------------------|-------------|----------------------|----------------------------|----------------------------|
| AFSCME           | 1077        | \$9,393,381          | \$1,575,499                | \$7,817,882                |
| IUOE             | 8           | \$85,916             | \$13,902                   | \$72,013                   |
| FireFighter      | 472         | \$5,041,230          | \$494,373                  | \$4,546,857                |
| Police           | 689         | \$8,162,907          | \$649,936                  | \$7,512,971                |
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| <b>Total</b>     | <b>2651</b> | <b>\$26,926,205</b>  | <b>\$3,018,724</b>         | <b>\$23,907,481</b>        |

| Retired Employees under 65 | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|----------------------------|-------------|----------------------|----------------------------|----------------------------|
| AFSCME                     | 224         | \$2,685,747          | \$80,634                   | \$2,605,113                |
| FireFighter                | 240         | \$2,883,749          | \$162,514                  | \$2,721,235                |
| Police                     | 406         | \$6,069,456          | \$328,267                  | \$5,741,189                |
| Non-Union                  | 127         | \$1,536,316          | \$102,828                  | \$1,433,488                |
| RZ1                        | 4           | \$30,210             | \$0                        | \$30,210                   |
| <b>Total</b>               | <b>1001</b> | <b>\$13,205,478</b>  | <b>\$674,244</b>           | <b>\$12,531,234</b>        |

| Retired Employees over 65 | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
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| Police                    | 236         | \$916,730            | \$106,196                  | \$810,534                  |
| Non-Union                 | 182         | \$550,780            | \$24,982                   | \$525,797                  |
| RZ1                       | 205         | \$559,376            | \$66,920                   | \$492,455                  |
| <b>Total</b>              | <b>1565</b> | <b>\$5,232,350</b>   | <b>\$450,641</b>           | <b>\$4,781,709</b>         |

| Estimated Total Annual Cost | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|-----------------------------|-------------|----------------------|----------------------------|----------------------------|
|                             | <b>5217</b> | <b>\$45,364,033</b>  | <b>\$4,143,608</b>         | <b>\$41,220,425</b>        |

**Total Annual Cost:**  
**\$45,364,033**

**Annual Employee Cost:**  
**\$4,143,608**

**Annual Employer Cost:**  
**\$41,220,425**

Enrollment assumptions based on March 2008 carrier information and contribution data provided City

# Benefit Plan Considerations

## Benefit Platform

- Current HMO platform base outdated
- The current HMO pool will continue to deteriorate with adverse selection driving premium rates
- Proof is in the market – Excellus discontinuing or closing HMO plans in mass for 2008 (over 20 plans total) with more likely to follow as HMO market shrinks
- New generation plans offer better alternative for benefit strategy plan management and member satisfaction
  - Exclusive Provider Organization (EPO) and Preferred Provider Organization (PPO)

# Benefit Plan Considerations

## Benefit Platform

- Current HMO plans offered very similar across all groups
  - Core benefits across all plans similar
  - Variations between plans largely copay based
  - Range of \$5 - \$20 for PCP visits on HMOs
  - Range of \$5/15/30 to \$10/25/40 on Rx
  - Inpatient copayments \$0-\$100 per admission
- Excellus BCBS and Preferred Care local provider networks almost identical
- No true benefit plan offering strategy – “supermarket model” of late 1990’s
- Traditional Indemnity plans also old platform
  - Some limited benefit coverage
  - Very expensive in cost – questionable return in benefit value
  - RX benefit on many plans at \$5 copay

# Benefit Plan Considerations

## Financial Arrangement

### – *Community Rating*

- Set premiums on a 12 month or level premium basis
- Risk spread over large pool of local employer groups
- Carrier at risk for claims (if claims are higher for rating period, carrier can not recoup premium for difference, they will raise rates for the pool accordingly for the next rating period - no run out claim cost on termination)
- NO DATA on cost drivers for specific groups

# Benefit Plan Considerations

## Financial Arrangement

### – *Experience Rating*

- Set premiums on a group specific 12 month basis
- Carrier at risk for claims ( if claims are higher for period, carrier can not recoup premium for difference, they will raise group specific rates accordingly for the next rating period – no run out claim cost on termination )
- Built in pooling point (stop-loss) mechanism
- DATA PROVIDED on cost drivers for specific groups – this is one of the main reasons groups leave the community pool – having the tools to make benefit decisions based on actual cost drivers

# Benefit Plan Considerations

## Financial Arrangement

### – *Self-Funding*

- Pay claims as you go, size of group means predictable risk
- No carrier margins, group specific trend – just your own claim dollars
- DATA PROVIDED on cost drivers for specific groups – this is one of the main reasons groups leave the community pool – having the tools to make benefit decisions based on actual cost drivers
- Stop-Loss protects against large claim impact
- Group pays run-out claims if change of administrator / carrier
- Plan design flexibility
  - No state mandates
  - Carrier can not “mandate” changes (your plan)
- Cash Flow Advantage and the ability to hold reserves

# Medical Plan Observations

- ✓ **Alternative Funding Research:** Given the current condition of the community and the trend of plan design adjustments, the City of Rochester Labor Management Benefits Committee should consider alternative funding options.
- ✓ **Plan Features:** Current HMO plans are quickly becoming outdated as benefit plans move to more current platforms (EPO or PPO). The City of Rochester Labor Management Benefits Committee should review these new plan options.
- ✓ **Enable Change:** Within the organizations through education and communication. Reinforce how employees are using or not using the plans today, the reality of actual cost, the financial investment of Labor / City and the importance of changing behavior.

# Next Steps

- Carrier Claims Data Analysis
- July 1, 2008 Renewal
- Plan Design Discussion - “clean sheet”

**Thank You**

**QUESTIONS?**

# Disclosure

## DISCLOSURE

The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.

Executive summaries and proposals, if presented to clients, are created by Brown & Brown. Neither the carrier nor Brown & Brown will be held responsible for typographical or clerical errors contained in said proposal.

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It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.

All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverages.

B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.

Broader Coverage May Be Available.

**Carriers represented in this presentation are: Preferred Care AM Best Rating B+ and Excellus BlueCross Blue Shield AM Best Rating A-.**

In addition to the commissions or fees received by us for assistance with the placement, servicing, claims handling, or renewal of your insurance coverages, other parties, such as excess and surplus lines brokers, wholesale brokers, reinsurance intermediaries, underwriting managers and similar parties, some of which may be owned in whole or in part by Brown & Brown, Inc., may also receive compensation for their role in providing insurance products or services to you pursuant to their separate contracts with insurance or reinsurance carriers.

Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies.

Should you have any questions, or require any additional information, please contact this office. If for any reason you prefer not to contact this office, you can submit a report concerning any entity related to Brown & Brown, Inc. through Ethicspoint by e-mail via [www.ethicspoint.com](http://www.ethicspoint.com), or by toll-free call to 866-384-4277.

# Monroe County



## Data Analysis 2005-2008 Monroe County

# Table of Contents

- **Experience Review**
  - **Excellus BCBS**
  
- **Utilization Review**
  
- **Excellus Benchmarking**
  
- **Discussion**
  
- **Appendix**

# Total Population Utilization

| 2005         | Medical Claims      | RX Claims   | Total Claims | Paid Premium        | Loss Ratio |
|--------------|---------------------|-------------|--------------|---------------------|------------|
| Excellus     | \$23,511,497        | \$9,041,022 | \$32,552,519 | \$40,730,819        | 79.92%     |
| <b>Total</b> | <b>\$23,511,497</b> |             |              | <b>\$40,730,819</b> |            |

| 2006         | Medical Claims      | Rx Claims   | Total Claims | Paid Premium        | Loss Ratio |
|--------------|---------------------|-------------|--------------|---------------------|------------|
| Excellus     | \$25,320,406        | \$9,959,094 | \$35,279,500 | \$41,683,544        | 84.64%     |
| <b>Total</b> | <b>\$25,320,406</b> |             |              | <b>\$41,683,544</b> |            |

| 2007         | Medical Claims      | Rx Claims    | Total Claims | Paid Premium        | Loss Ratio |
|--------------|---------------------|--------------|--------------|---------------------|------------|
| Excellus     | \$27,670,753        | \$10,620,518 | \$38,291,271 | \$40,871,853        | 93.53%     |
| HRA          |                     |              |              | \$67,420            |            |
| <b>Total</b> | <b>\$27,670,753</b> |              |              | <b>\$40,939,273</b> |            |

| 2008 thru 5/30 | Medical Claims      | Rx Claims   | Total Claims | Paid Premium        | Loss Ratio |
|----------------|---------------------|-------------|--------------|---------------------|------------|
| Excellus       | \$11,829,737        | \$4,530,334 | \$16,360,071 | \$18,190,239        | 89.80%     |
| HRA (Est)      |                     |             |              | \$28,092            |            |
| <b>Total</b>   | <b>\$11,829,737</b> |             |              | <b>\$18,218,331</b> |            |

# Financial Analysis – Key Points

Average Claim trend (medical and RX) utilization increase for 2005 – 2006 – 2007 and annualized 2008 increase of 20.6%

Average premium trend (medical and Rx) increased 11.5% over the same period

Health Reimbursement Account established in 2007 has allowed for significant premium savings vs. lower copay POS Plans

The HRA also cushions members from the actual impact to utilization that could occur from higher copayments

# Financial Analysis – Key Points

The HRA, while allowing for significant savings in POS plan buy – down, does not reduce actual claim utilization.

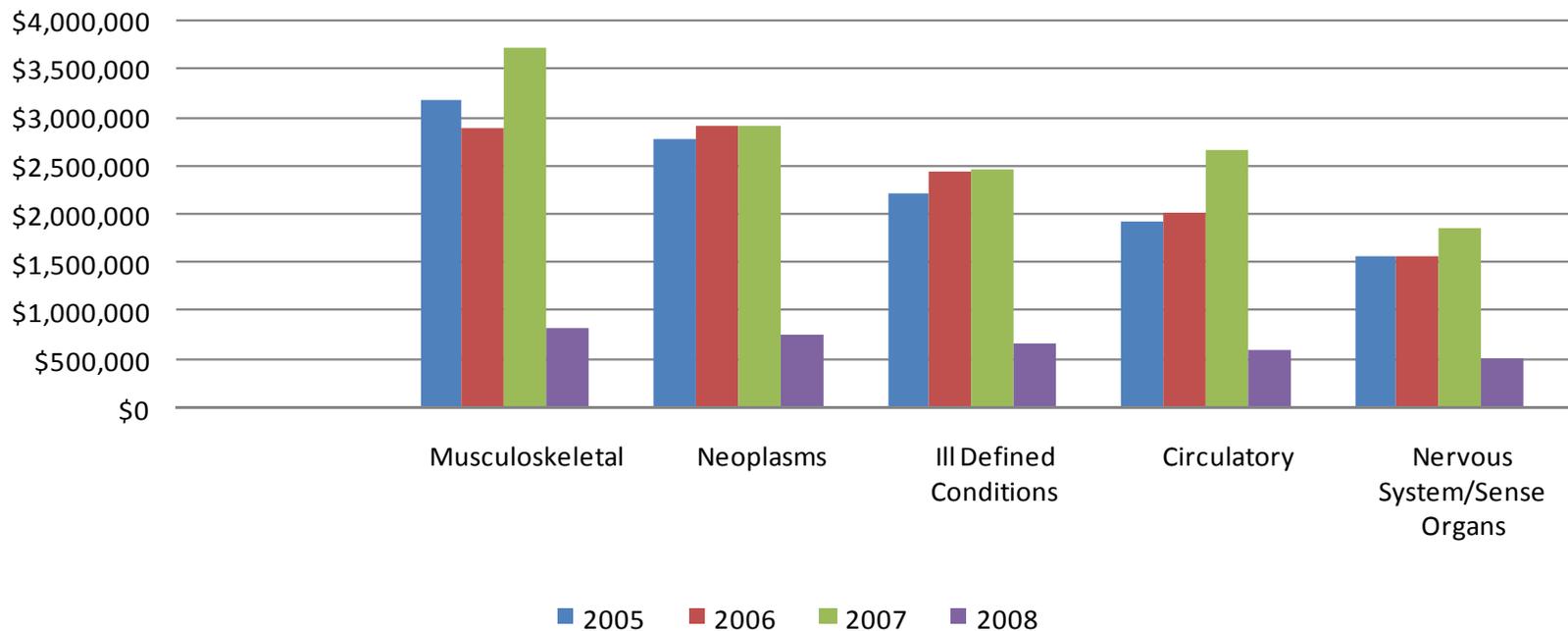
Conversely, the actual premium cost for the plans is lowered, however, actual utilization and member behavior is not changed.

Monroe County has been successful in shifting enrollment into lower cost POS plans over the last several years.

This shift has effectively moderated premium increase however actual claims utilization has continued to trend upward.

# Claim Spend by Major Diagnostic Category (MDC)-Excellus

Excellus Top 5 Major Diagnostic Claim Spend 2005-2008



## TOP 5 MDC

|                             | 2005        | 2006        | 2007        | 2008      | Total Spend  |
|-----------------------------|-------------|-------------|-------------|-----------|--------------|
| Musculoskeletal             | \$3,166,897 | \$2,872,648 | \$3,704,024 | \$810,210 | \$10,553,779 |
| Neoplasms                   | \$2,762,576 | \$2,889,472 | \$2,901,012 | \$734,315 | \$9,287,375  |
| Ill Defined Conditions      | \$2,196,292 | \$2,419,660 | \$2,440,660 | \$663,038 | \$7,719,650  |
| Circulatory                 | \$1,918,657 | \$2,006,908 | \$2,650,328 | \$575,443 | \$7,151,336  |
| Nervous System/Sense Organs | \$1,548,865 | \$1,544,305 | \$1,851,957 | \$496,580 | \$5,441,707  |

# Specific Utilization Measures

## Major Diagnostic Category

Major Diagnostic Category expenses show consistency over the period reviewed.

Musculoskeletal and Neoplasm are #1 and #2 highest claim spend annually.

The MDC's above as well as the others are consistent with other large group MDC cost and utilization ranking.

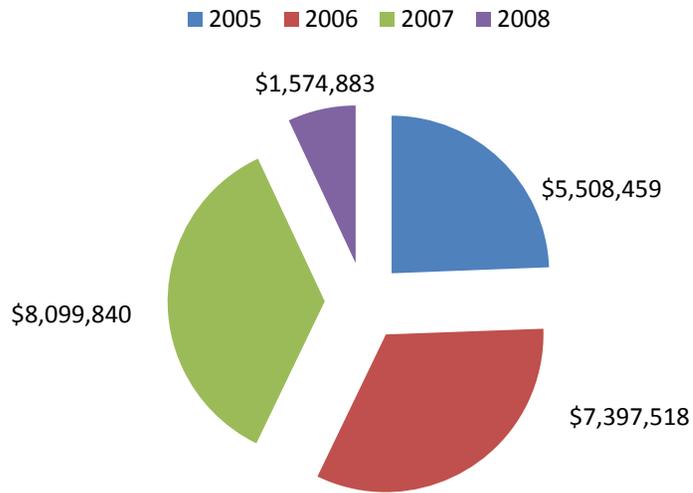
Number of high cost claimants for the period of 2005 to 2007 increased by 23 and 33, respectively. Total dollars increased 33% from 05 to 06 and 13% from 06 to 07.

# Excellus High Cost Claimants (HCC)- Over \$25K

| <b>Excellus</b>            | <b>2005</b>          | <b>2006</b>          | <b>2007</b>          | <b>Q 1 2008</b>      |
|----------------------------|----------------------|----------------------|----------------------|----------------------|
| <b>Total # of Claims</b>   | 110                  | 133                  | 166                  | 26                   |
| <b>Range of Claim Cost</b> | \$25,006 - \$387,649 | \$25,158 - \$942,115 | \$25,269 - \$722,174 | \$25,304 - \$257,361 |
| <b>Total HCC Spend</b>     | \$5,289,408          | \$7,948,934          | \$9,114,653          | \$1,347,505          |

# Excellus Inpatient Cost/Visits

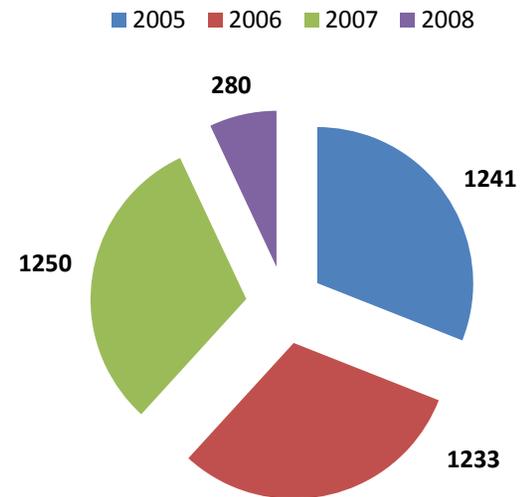
## Excellus Inpatient Cost by Year



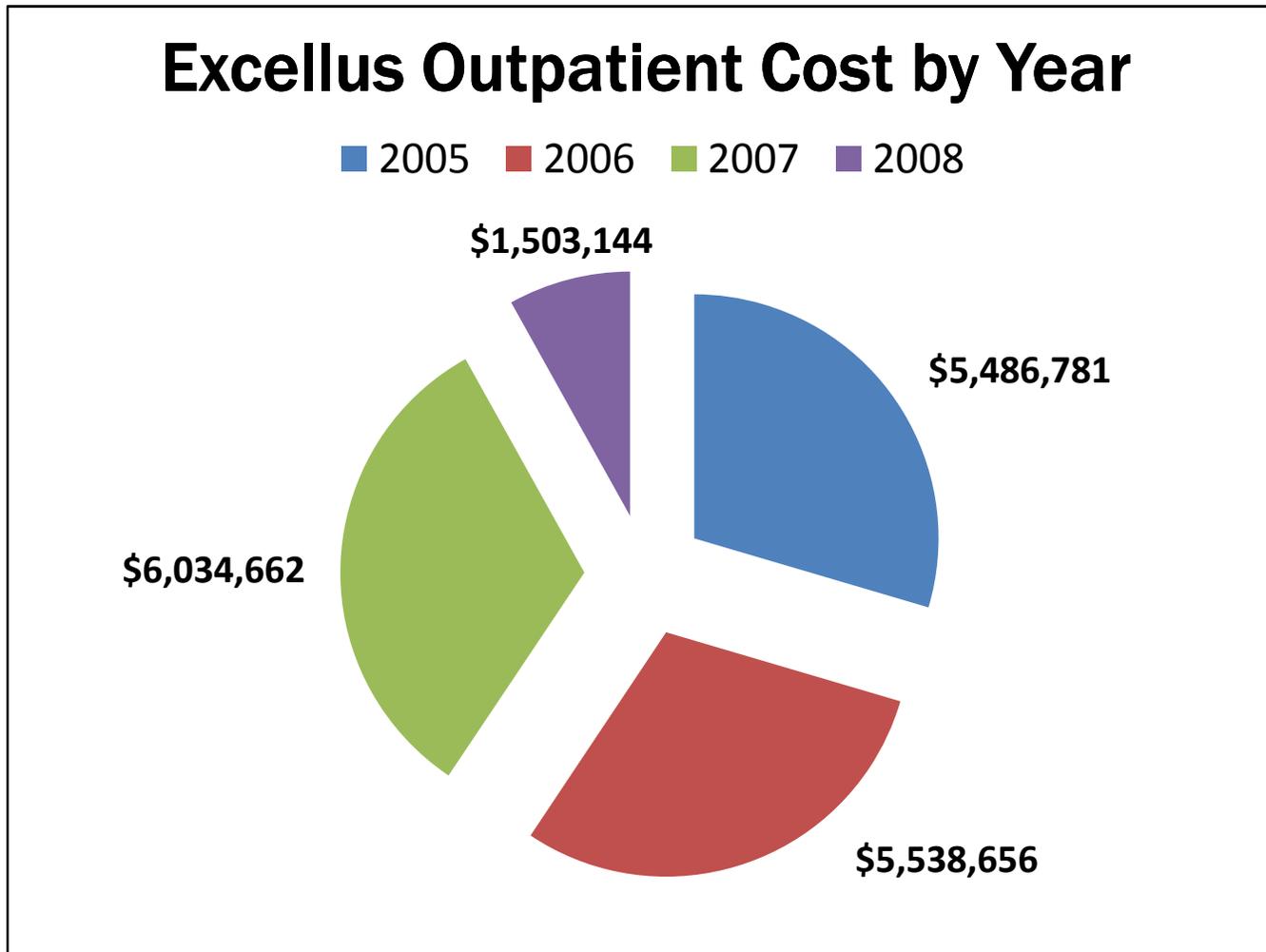
Estimated 2008: \$6,299,532

Estimated 2008: 1120

## Excellus Inpatient Admits by Year



# Excellus –Outpatient Cost by Year



Estimated 2008: \$6,012,756

# Specific Utilization Measures

## **Inpatient Cost / Visits**

Excellus inpatient costs increased 47% from 2005 to 2007. For the same period number of visits only changed slightly indicating an increased severity of diagnosis. Additionally number of High Cost Claims and cost associated with those claims has increased, driving inpatient cost.

## **Outpatient Costs / Year**

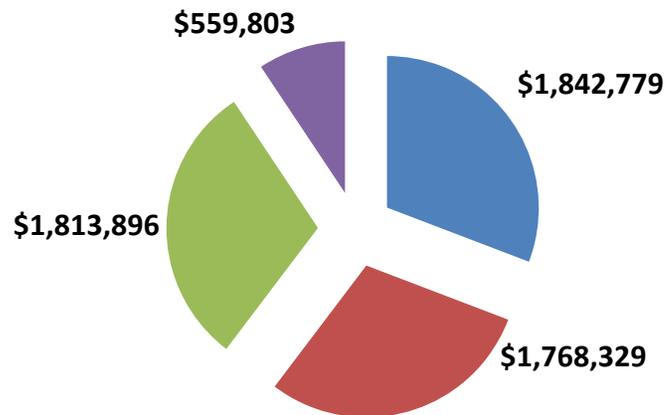
O/P costs trend have increased 9% from 2005 to 2007

Migration of services and cost to the O/P setting is a growing trend – and typically positive in offsetting I/P utilization and cost

# Excellus Primary Care Physician (PCP) Cost/Visits Per Year

## Excellus PCP Cost by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008

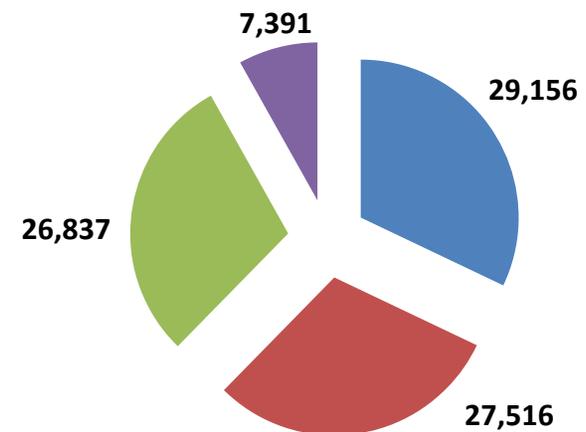


Estimated 2008: \$2,239,212

Estimated 2008: 29,564

## Excellus PCP Office Visits by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008



# Specific Utilization Measures

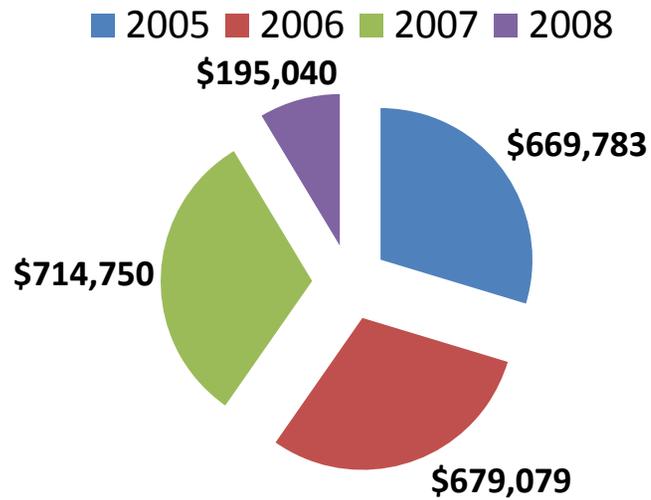
## PCP Cost and Visits / Year

Excellent number of PCP visits have declined 8% from 2005 to 2007. This equates to 2,319 visits less in 2007 than in 2005.

The year over year cost has decreased slightly, from 2005 to 2007- in 2006 total cost declined by 4% over 2005. In 2007 costs increased 2.5% over 2006. Although cost 2008 are estimated to increase by 23% from 2007 to 2008 while number of visits are estimated to increase by 10%

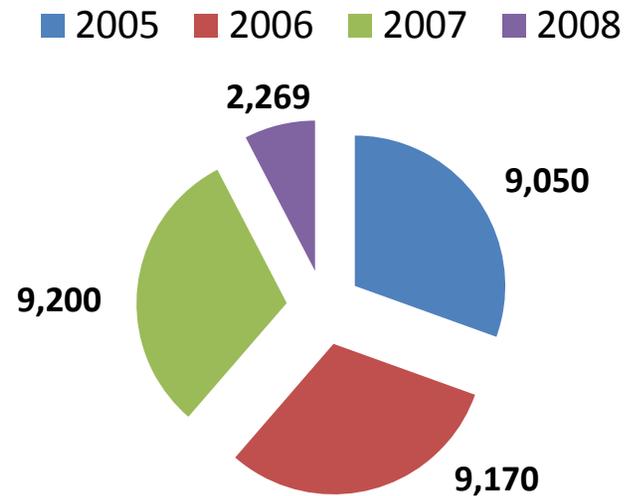
# Excellus Specialist Cost and Number of Office Visits

## Excellus Specialist Cost by Year



Estimated 2008: \$780,160

## Excellus Specialists Office Visits by Year



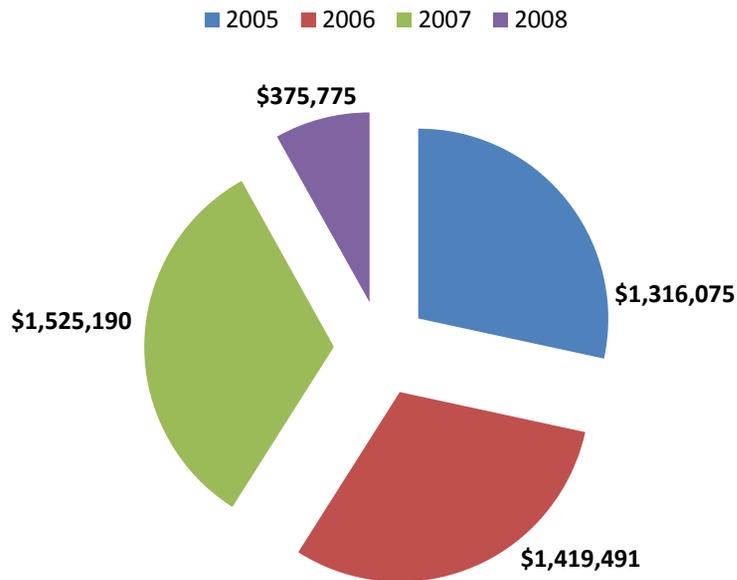
# Specific Utilization Measures

## Specialist Cost and Visits / Year

Excellent number of specialist visits have increased slightly year over year. Costs have also increased over the same period by 6%.

# Excellus Emergency Room (ER) Costs and Visits

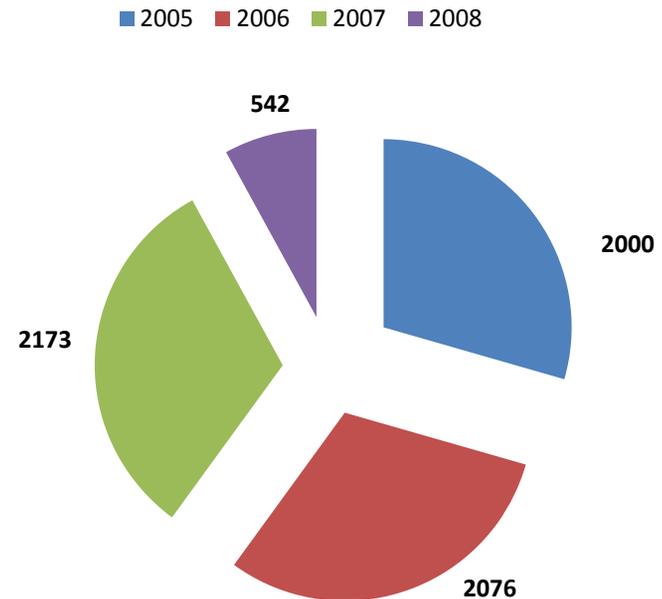
## Excellus Emergency Room Cost by Year



Estimated 2008: \$1,503,100

Estimated 2008: 2168

## Excellus Emergency Room Visits



# Specific Utilization Measures

## ER Costs and Visits / Year

Excellent number of ER visits is within 173/year for the period

- with the lowest number (2000) in 2005 and the highest (2173) in 2007.
- costs have increased each year – 2007 cost is 13.7% higher than in 2005.
- Estimated 2008 costs and visits show a slight decline from 2007 which may indicate employees using urgent care facilities for care

# 2007 Benchmarking-Excellus Book of Business vs. Monroe County

Comparative Date 2007 Plan Year

|   | Excellus PPO | Monroe County |
|---|--------------|---------------|
| Members per Contract                    | 2.1          | 2.0           |
| Average Age*                            | 34.5         | 45            |
| Medical Only: Plan Cost/Contract/Year   | 5183         | 6245          |
| Medical Only: Total Cost/Member/Year    | 2773         | 3129          |
| Adm/1,000/Year                          | 74           | 96            |
| ER visits / 1,000 / Year                | 193          | 166           |
| Total Cost per Visit                    | 823          | 702           |
| PCP Office Visits / 1,000 / Year        | 1840         | 2052          |
| Total Cost per Visit                    | 75           | 68            |
| Specialist Office Visits / 1,000 / Year | 685          | 703           |
| Total Cost per Visit                    | 88           | 78            |
| Ratio PCP Visits to Specialist Visits   | 3            | 3             |
| membership/year                         |              | 156974        |
| contracts/year                          |              | 78670         |

- Excellus benchmarks are PPO book of business
- Leading indicators reflect greater utilization than Excellus PPO book of business
- Much of the increased County utilization indicators can be attributed to richness in plan design, i.e. lower copays which drive higher volume of services
- While several of the indicators show increased number of visits, total cost per visit is lower than benchmark.

\*Excellus average age based on members and County is based on contract holders

# Drug Analysis Executive Summary

Based on the initial Excellus Renewal and book of business trends, our study projects Monroe County:

- Could save 4% over the next three years by self-funding their current Excellus arrangement
- Could save an additional 1% (roughly \$600,000 per year) by carving out the pharmacy and sourcing it with a best-in-class stand-alone PBM

# Projections

## Monroe County

| <u>Cost/Savings Projections</u>     | <b>Monroe County</b>                        |              |              |              |
|-------------------------------------|---|--------------|--------------|--------------|
|                                     | <b>Cost/Savings Projections (in 1,000s)</b> |              |              |              |
|                                     | <b>2009</b>                                 | <b>2010</b>  | <b>2011</b>  | <b>Total</b> |
| Current Arrangement (CA) Costs      | \$54,621                                    | \$63,272     | \$71,494     | \$189,387    |
| Carrier Self-Funded (SF) Costs      | 54,602                                      | 60,851       | 66,668       | 182,121      |
| <i>Carrier SF vs. CA Savings</i>    | <i>20</i>                                   | <i>2,421</i> | <i>4,826</i> | <i>7,266</i> |
| Carrier/PBM SF Costs                | 54,027                                      | 60,196       | 65,922       | 180,144      |
| <i>Carrier/PBM SF vs CA Savings</i> | <i>595</i>                                  | <i>3,076</i> | <i>5,572</i> | <i>9,242</i> |

# Pharmacy Marketing

Regardless of where we ultimately source the pharmacy benefits, these projections assume that we market the pharmacy benefits to Excellus and stand-alone PBMs. This will allow us to:

- Place external competitive leverage on Excellus
- Compare the financial advantages of a pharmacy carve-out with the operational downsides (e.g. two cards)
- Lower the cost of pharmacy benefits for plan sponsors and participants
- Ensure study clients receive promised value through annual pharmacy performance guarantee audits

# Data Reliance

In performing this analysis, we relied on claims data and other information provided to us by Excellus

We checked this information for reasonableness, but did not perform formal audits

If the underlying information is inaccurate or incomplete, the results of our analysis may likewise be inaccurate or incomplete

**Thank You**

**QUESTIONS?**

# Disclosure

## DISCLOSURE

The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.

Executive summaries and proposals, if presented to clients, are created by Brown & Brown. Neither the carrier nor Brown & Brown will be held responsible for typographical or clerical errors contained in said proposal.

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It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.

All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverages.

B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.

Broader Coverage May Be Available.

**Carriers represented in this presentation are: Excellus BlueCross Blue Shield AM Best Rating A-, [www.excellus.com](http://www.excellus.com).**

In addition to the commissions or fees received by us for assistance with the placement, servicing, claims handling, or renewal of your insurance coverages, other parties, such as excess and surplus lines brokers, wholesale brokers, reinsurance intermediaries, underwriting managers and similar parties, some of which may be owned in whole or in part by Brown & Brown, Inc., may also receive compensation for their role in providing insurance products or services to you pursuant to their separate contracts with insurance or reinsurance carriers.

Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies.

Should you have any questions, or require any additional information, please contact this office. If for any reason you prefer not to contact this office, you can submit a report concerning any entity related to Brown & Brown, Inc. through Ethicspoint by e-mail via [www.ethicspoint.com](http://www.ethicspoint.com), or by toll-free call to 866-384-4277.

This report was prepared with funds provided by the New York State Department of State under the Shared Municipal Services Incentive Grant Program.

# Monroe County



## Summary of Findings for Monroe County

# Table of Contents

- Executive Summary
- HealthCare Marketplace
- Benchmarking
- Cost Analysis
- Appendix

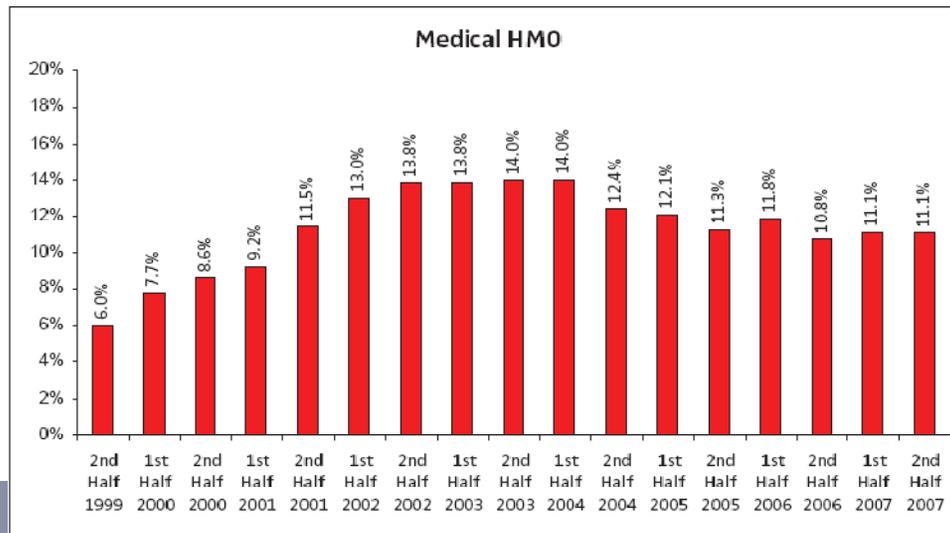
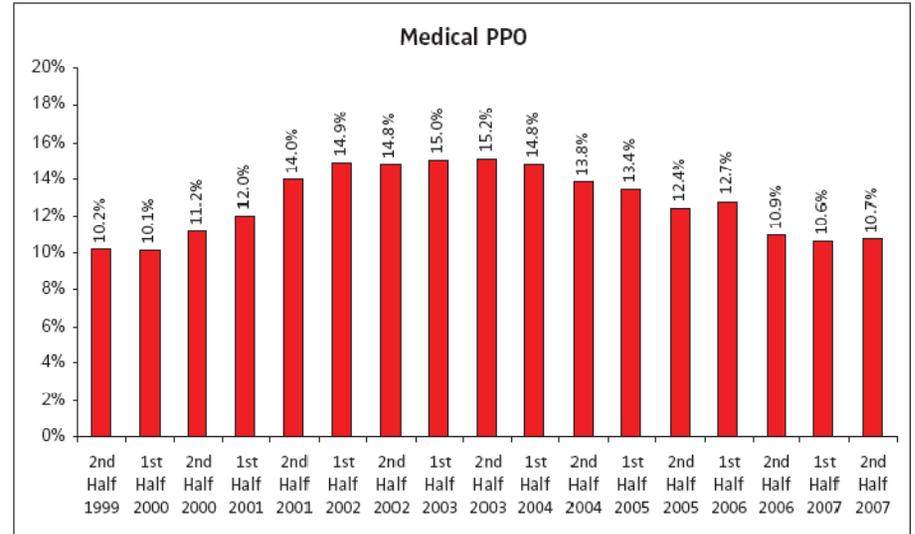
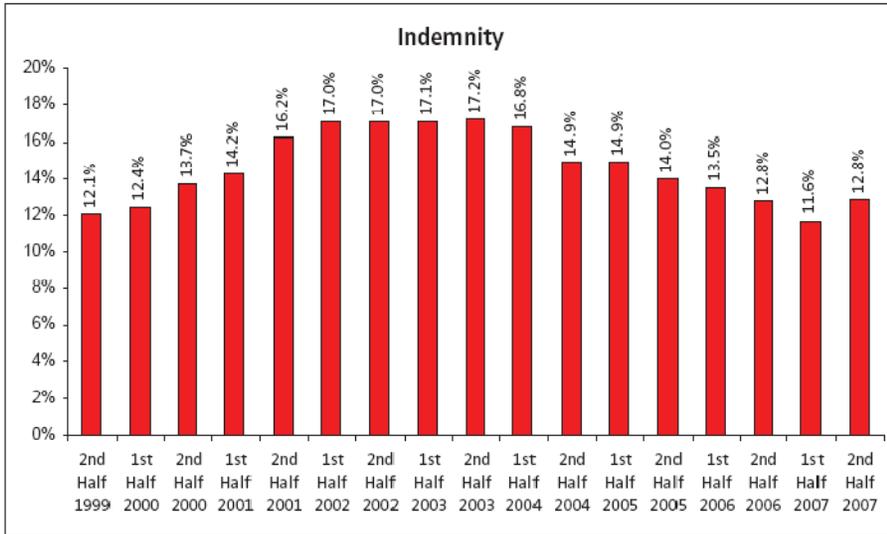
# Executive Summary

We are pleased to present our summary of findings for Monroe County. This presentation will provide a starting point for the collaborative feasibility study.

## **About the Report:**

- ✓ The analysis and observations are based on Brown and Brown's experience with other employers in the region, industry and nation.
- ✓ Brown and Brown is able to draw comparisons to your plans based on multiple sources of accumulated benchmarking data.
- ✓ It will serve as a concise snapshot of the overall position and strategy of your medical plans and the tools and resources we will deploy to aid Monroe County.

# Health Care Trends



# The Marketplace/Current Plan Designs

**Health maintenance organization (HMO)** – a managed care organization that provides, offers, or arranges for coverage of designated health services for plan members for a fixed, prepaid premium. Patients must choose doctors, hospitals, and other health care providers from the plan's provider list in order to be fully covered. Emphasis is placed on preventive care and cost management.

## **Characteristics of an HMO:**

- ✓ **Referrals Required**
- ✓ **Limited Closed Panel Network**
- ✓ **Primary Care Physician Selection required**
- ✓ **No Coverage for Out of Network Services**

**Preferred provider organization (PPO)** – a managed care plan in which the network of doctors and hospitals provide services to plan members at discounted rates. Unlike HMOs, most PPOs do not require designation of a primary care physician to oversee patients' overall care, allowing members to consult specialists or out-of-network providers as they wish. Coverage is usually less for out-of-network providers.

## **Characteristics of a PPO:**

- ✓ **Referrals Not Required**
- ✓ **Larger and typically national network**
- ✓ **Primary Care Physician Selection NOT required**
- ✓ **Typically provides coverage for Out of Network Services at a higher member cost**

# The Marketplace/Current Plan Designs

**Exclusive Provider Organization (EPO)** – a managed care plan in which the network of doctors and hospitals provide services to plan members at discounted rates. Unlike HMOs, most EPO's do not require designation of a primary care physician to oversee patients' overall care, allowing members to consult specialists or other providers whenever they wish. Unlike PPO's, coverage is usually not provided for out of network services.

## **Characteristics of an EPO:**

- ✓ **Referrals Not Required**
- ✓ **Larger and typically national network**
- ✓ **Primary Care Physician Selection NOT required**
- ✓ **No Coverage for Out of Network Services**

# Market Overview

**Experience Rating/Self Funding –  
Better than average risk**

**Community Rated-  
Groups < 50 employees that  
meet underwriting guidelines**



- The Excellus community pool in the near future will contain employer groups with under 50 eligible employees. Larger employer groups have either left or will leave the community pool for experience rated or self funded financial arrangements.
- Preferred Care has proportionately more members in community rated products today, however with the recent introduction of EPO and PPO plans we expect a similar migration of membership into experience rated or self-funded programs.
- The new EPO/PPO platforms offer greater access to providers on a national basis, do not require referrals for specialist services and don't require selection of a primary care physician (PCP).
- EPO and PPO's are the choice of national carriers for their future benefit platforms.

## **Statistics:**

- In 1999 19% of Excellus Rochester Region business was Experience rated or self funded while 81% was Community Rated.
- In 2008 approximately 70% of Excellus Rochester Region business is Experience Rated or Self Funded and 30% is Community rated.

# Speaking Points – Market Overview

- ✓ The community pool continues to erode
- ✓ Those left in the pool will feel this erosion through increased rates and reduced plan selection
- ✓ Payors of health care premium (employers/employees/labor health & welfare funds) are moving to next generation plans – EPO or PPO to get out of a shrinking and out dated HMO benefit model
- ✓ Carriers are investing dollars in EPO and PPO plan platforms, not in HMO platforms
- ✓ EPO/PPO platforms provide access to larger networks of providers (typically national) and easier access to services (no referrals)
- ✓ Those that are not proactive in managing the current market changes are left to have their benefit options dictated to by the carrier market

# Collective Bargaining Contract Language

## CSEA Employees

|  |  |
|--|--|
| Hired Prior to January 1, 1986                         | Blue Point Select 1 - 4% ee contribution<br>Blue Point Select 2 - 4% ee contribution<br>BCBS Traditional \$3/6 Rx - 4% ee contribution<br>Blue Point Value - 4% ee contribution<br>(members without County coverage must have select or traditional for one year)  |
| Hired after January 1, 1986<br>prior to April 15, 2005 | Blue Point Select 1 - 8% ee contribution<br>Blue Point Select 2 - 8% ee contribution<br>BCBS Traditional \$3/6 Rx - 15% ee contribution<br>Blue Point Value - 4% ee contribution<br>(members without County coverage must have select or traditional for one year)                                       |
| Hired after April 15, 2005                             | Blue Point Value- 15% ee contribution<br>Blue Point Select 1 - 8% ee contribution<br>difference between BP2 Select and 85% of BP Value<br>Blue Point Select 2 - difference between BP2 Select and 85% of BP Value<br>BCBS Traditional \$3/6 Rx - difference between BCBS Traditional and 85% of BP Value |
| Before April 15, 2005                                  | Any employee enrolled in Traditional BCBS who changes to a different plan receives a on-time cash incentive payment - amount varies based on change of coverage effective date.  |
| Pre-65 Retirees<br>Hired before April 15, 2005         | 100% paid for BP Value or BP Select plans<br>Can elect Traditional BCBS with same contribution as active (5 years continuous service)  |

# Collective Bargaining Contract Language

## (FSW) Federation of Social Workers

|   |  |   |
|---|--|---|
| Hired Prior to January 1, 1986                          | Blue Point Select - 6.2% ee contribution<br>BCBS Traditional \$3/6 Rx - 6.25% ee contribution<br>Blue Point Value - 4% ee contribution   | (HRA provided \$200/\$400 Annual Funding) |
| Hired after January 1, 1986<br>prior to January 1, 2006 | Blue Point Select - 8% ee contribution<br>BCBS Traditional \$3/6 Rx - 12% ee contribution<br>Blue Point Value - 4% ee contribution       | (HRA provided \$200/\$400 Annual Funding) |
| Hired after January 1, 2006                             | Blue Point Select - 15% ee contribution<br>Blue Point Value - 4% ee contribution<br>BCBS Traditional closed to new enrollment 12/31/2005 |   |
| Retirees  | <u>Years of Service</u>  | <u>Retiree Pays</u>                       |
| Hired prior to January 1, 2006                          | 5-9  | 15%                                       |
| 5 years continuous service                              | 10-14  | 10%                                       |
|   | 15 or more   | 0%  |
| Traditional Coverage<br><i>in area</i>                  | <u>Years of Service</u>  | <u>Retiree Pays</u>                       |
|   | 5-9  | 36.25%                                    |
|   | 10-14  | 32.50%                                    |
|   | 15 or more   | 25.00%                                    |
| Traditional Coverage<br><i>out of area</i>              | <u>Years of Service</u>  | <u>Retiree Pays</u>                       |
|   | 5-9  | 15%                                       |
|   | 10-14  | 10%                                       |
|   | 15 or more   | 0%  |
| Hired on or after January 1, 2006                       | <b>Blue Point Value</b>  |   |
|   | <u>Years of Service</u>  | <u>Retiree Pays</u>                       |
|   | 5-9  | 18.40%                                    |
|   | 10-14  | 13.60%                                    |
|   | 15 or more   | 4.00%                                     |
|   | <b>Blue Point Select</b>   |   |
|   | <u>Years of Service</u>  | <u>Retiree Pays</u>                       |
|   | 5-9  | 27.75%                                    |
|   | 10-14  | 23.50%                                    |
|   | 15 or more   | 15.00%                                    |

# Collective Bargaining Contract Language

## DSA (Deputy Sheriff's Association)

|  |                   |  |
|--|-------------------|--|
| Hired prior to September 1, 2006                                 | Blue Point Value  | \$25 / pay period effective 1/2008   |
|  | Blue Point Select | Diffence between Value contribution and Select cost                              |
|  | BCBS Traditional  | Only employees enrolled as of 12/31/2005 may keep 15% employee contribution      |
| \$2000 cash opt-out<br>HRA funded \$100 single / \$200 all other |                   |  |
| Hired on or after September 1, 2006                              | Blue Point Value  | \$40 / pay period effective after 1/2008   |
| Retirees   |                   |  |
| Hired before September 1, 2006                                   | Blue Point Value  | \$0 employee contribution - 5 years continuous service(retire prior to 1/1/2011) |
| Hired on or after September 1, 2006                              | Blue Point Value  | Same contirbution as active employees - 10 years continuous service              |

# Collective Bargaining Contract Language

## PBA (Monroe County Sheriff's Police Benevolent Association)

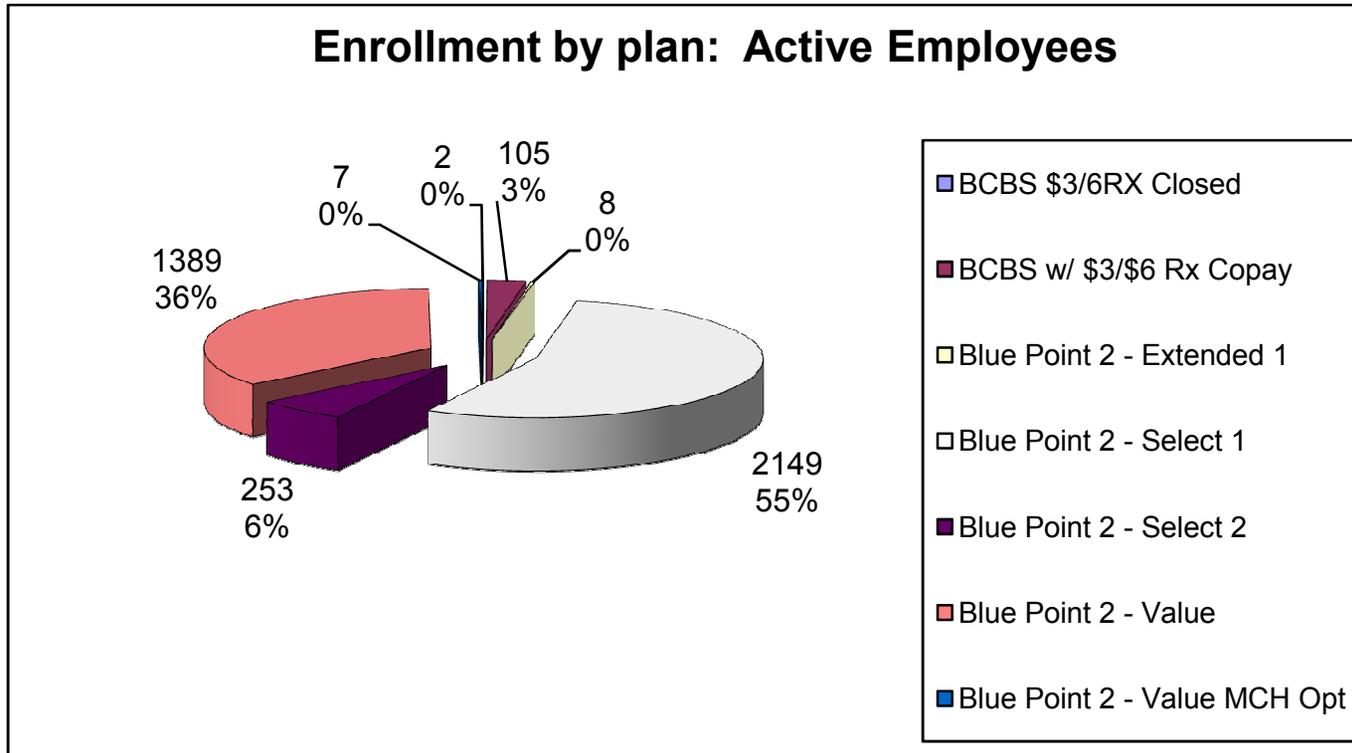
|  |                     |   |
|--|---------------------|---|
| Hired prior to January 1, 2006                                   | Blue Point Value    | \$15 / pay period effective 1/2008  |
|  | Blue Point Extended | Difference between Value contribution and Extended cost                           |
|  | Blue Point Select   | Difference between Value contribution and Select cost                             |
|  | BCBS Traditional    | Only employees enrolled as of 12/31/2005 may keep 15% employee contribution       |
| \$2000 cash opt-out<br>HRA funded \$100 single / \$200 all other |                     |   |
| Hired on or after January 1, 2006                                | Blue Point Value    | \$30 / pay period effective after 1/2008  |
| Retirees   |                     |   |
| Hired before January 1, 2006                                     | Blue Point Value    | \$0 employee contribution - 5 years continuous service (retire prior to 1/1/2011) |
| Hired on or after January 1, 2006                                | Blue Point Value    | Same contribution as active employees - 10 years continuous service               |

# Collective Bargaining Contract Language

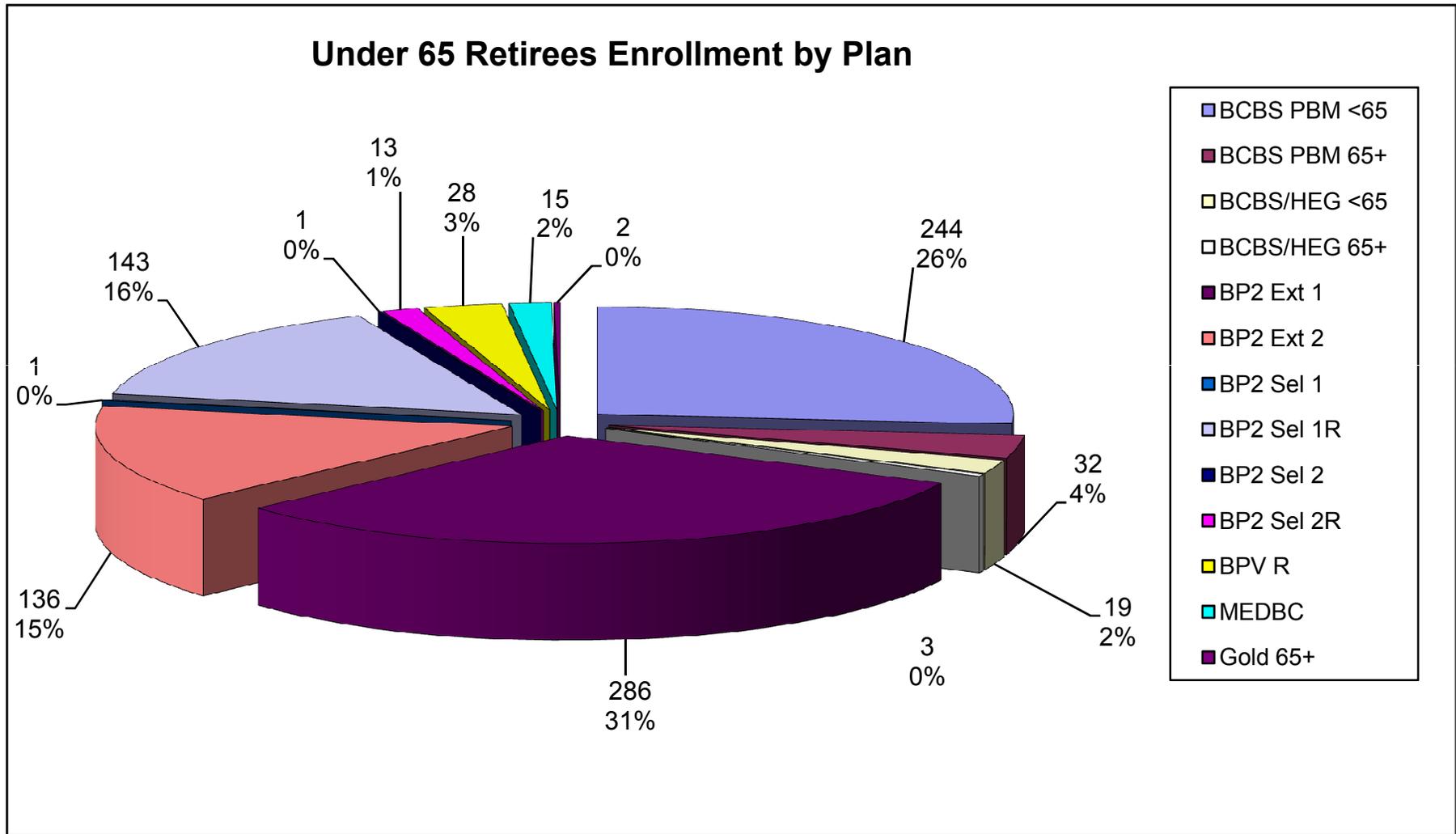
## MCLEA (Monroe County Law Enforcement Association)

|   |                     |   |
|---|---------------------|---|
| Hired prior to January 1, 2007                                | Blue Point Value    | \$15 / pay period effective 1/2008  |
|   | Blue Point Extended | Difference between Value contribution and Extended cost                           |
|   | Blue Point Select   | Difference between Value contribution and Select cost                             |
|   | BCBS Traditional    | Only employees enrolled as of 12/31/2005 may keep 15% employee contribution       |
| \$2000 cash opt-out HRA funded \$100 single / \$200 all other |                     |   |
| Hired on or after January 1, 2007                             | Blue Point Value    | \$30 / pay period effective after 1/2008  |
| Retirees  |                     |   |
| Hired before January 1, 2007                                  | Blue Point Value    | \$0 employee contribution - 5 years continuous service (retire prior to 1/1/2011) |
| Hired on or after January 1, 2007                             | Blue Point Value    | Same contribution as active employees - 10 years continuous service               |

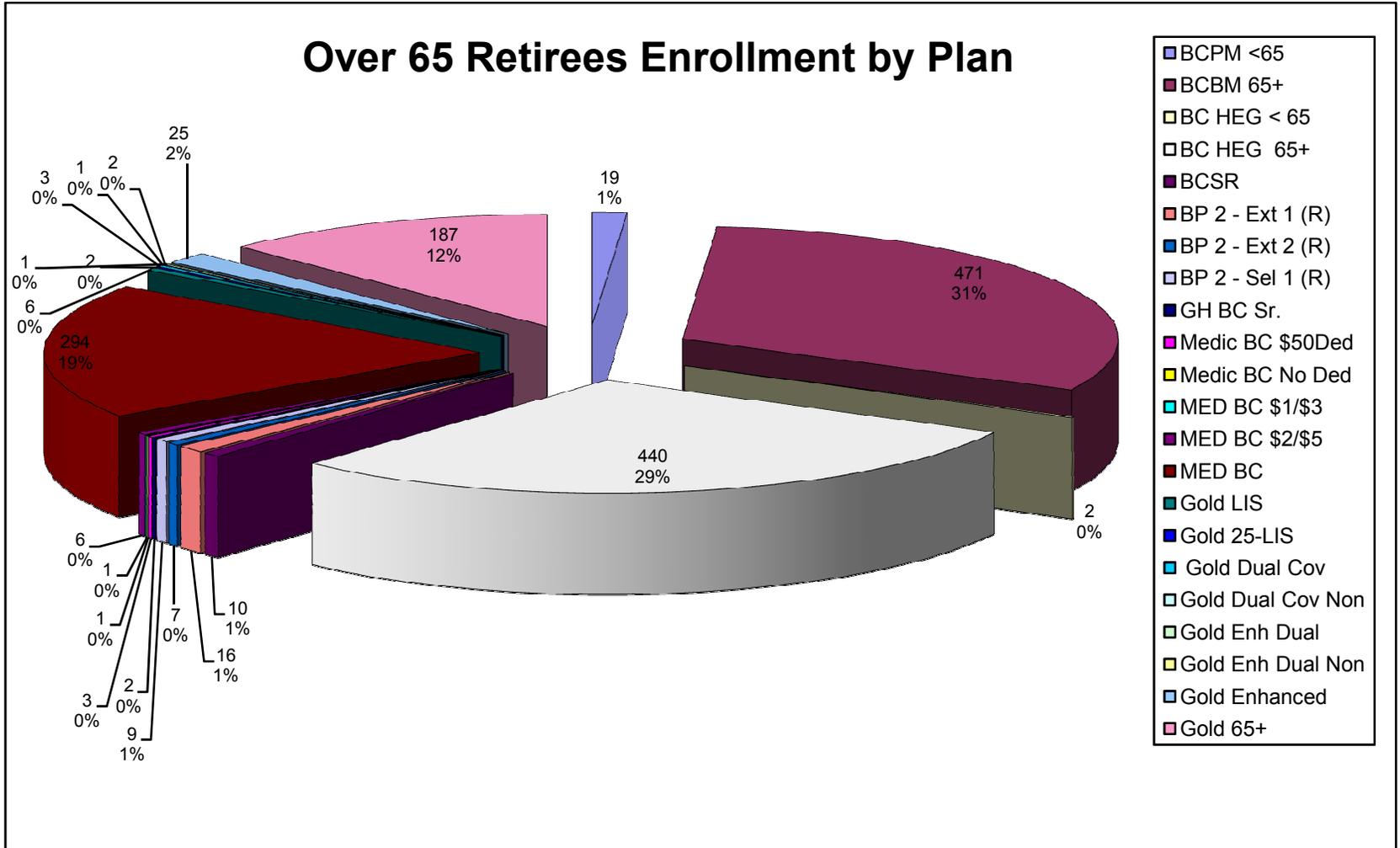
# Enrollment by plan Active Employees



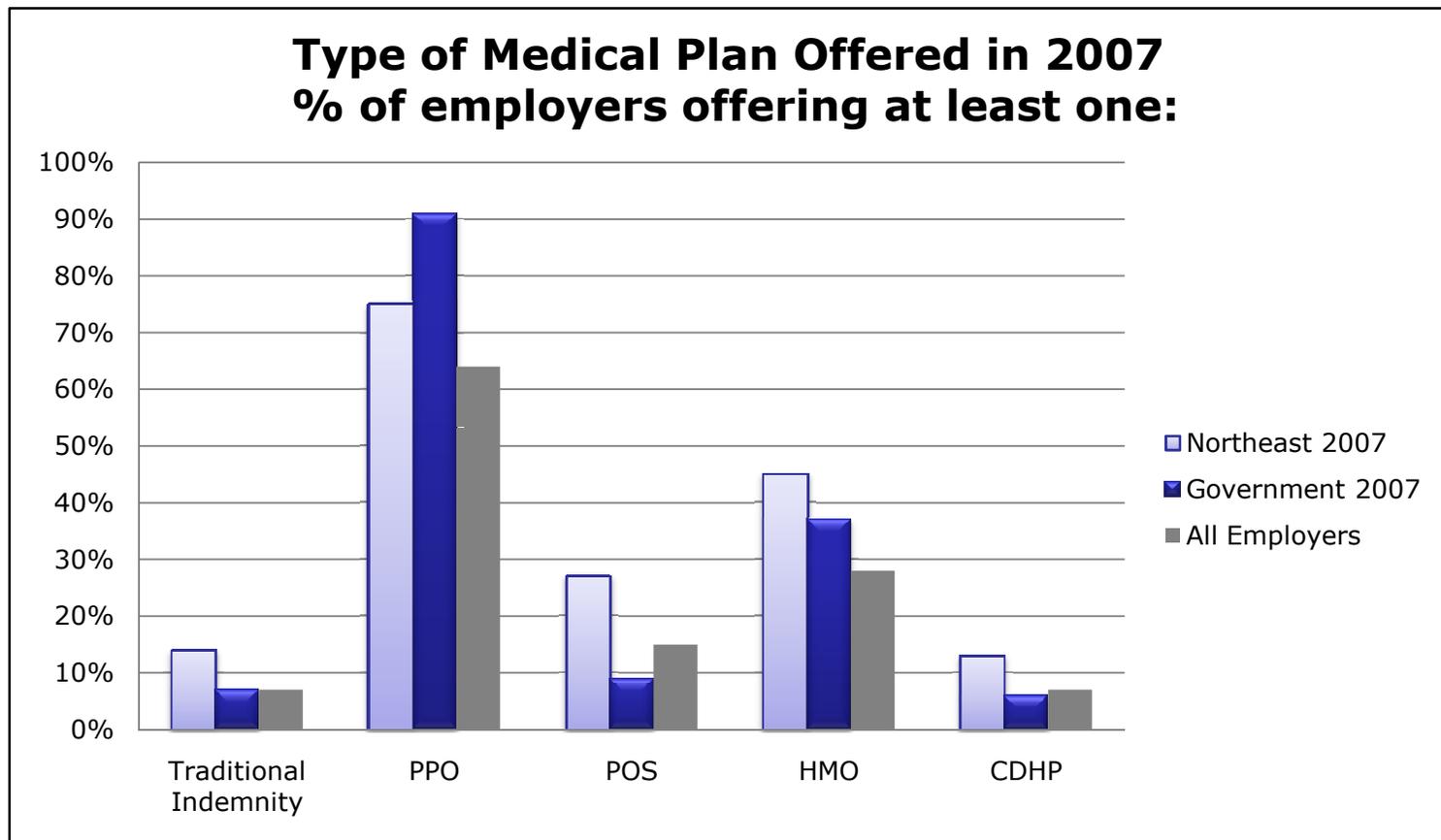
# Enrollment by plan under 65 Retirees



# Enrollment by plan over 65 Retirees



# Benchmarking



Source: 2007 Mercer National Survey of Employer-Sponsored Health Plans

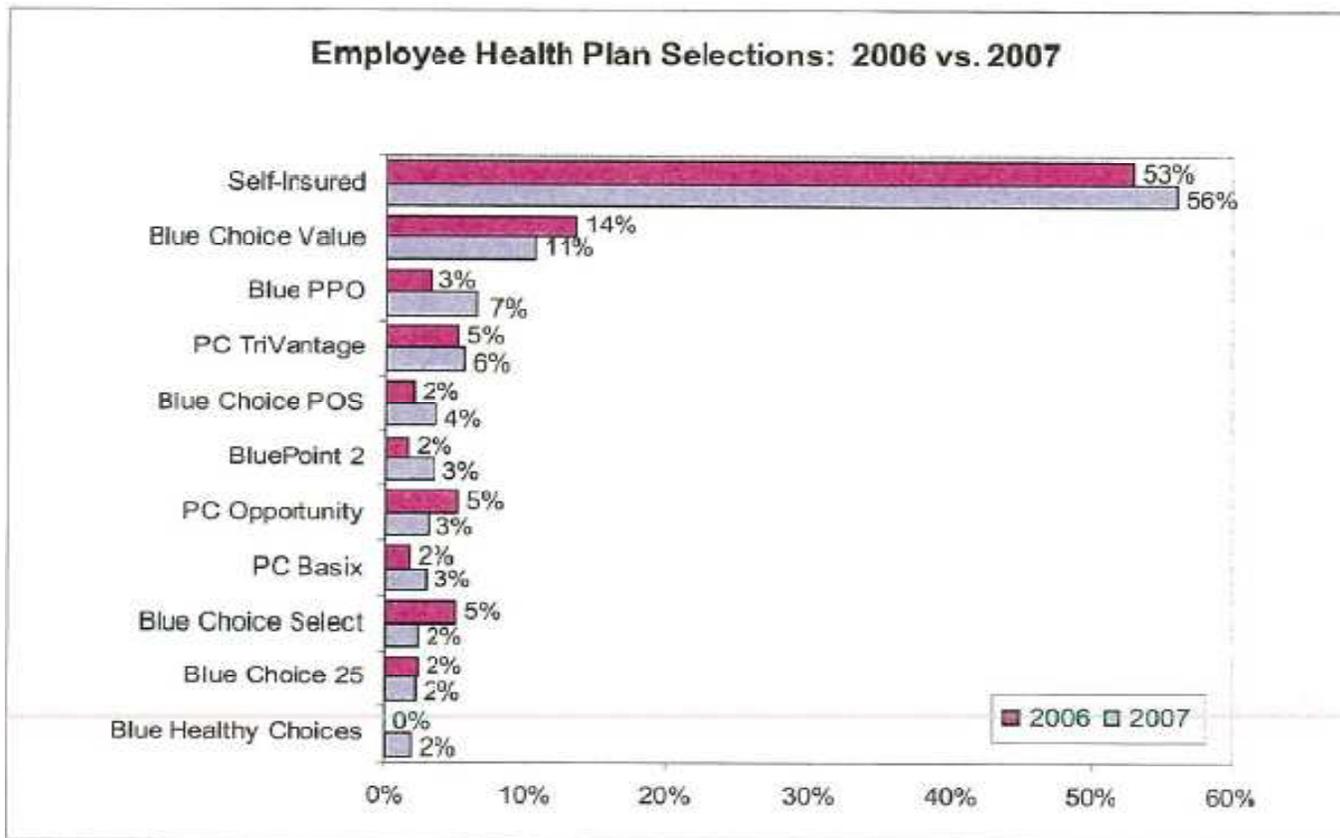
# Benchmarking-Plan Design

| <b>PPO Plans</b>   | <b>Northeast 2007</b> | <b>Government 2007</b> | <b>Rochester Area*</b> |
|--|-----------------------|------------------------|------------------------|
| <b>Require Copay for In-Net Office Visits</b>                | 99%                   | 96%                    | 95%                    |
| <b>Require Hospital Deductible for In-Net hospital</b>       | 49%                   | 51%                    | 15%                    |
| <b>Median Hospital deductible/Copay</b>                      | \$250                 | \$300                  | \$250                  |
| <b>% of Employers requiring ER Copay</b>                     | 95%                   | 99%                    | 99%                    |
| <b>Median ER Copay</b>                                       | \$50                  | \$75                   | \$75                   |
| <b>Office Visit Copay</b>                                    | \$20                  | \$15                   | \$15-\$25              |
| <b>% of employers with higher copay for specialist visit</b> | 38%                   | 47%                    | 52%                    |
| <b>Specialist Visit Copay</b>                                | \$30                  | \$30                   | \$30-\$50              |
| <b>Rx Copay Amounts</b>                                      | \$10/20/40            | \$5/20/40              | \$10/25/40             |
| <b>RX Plan Level: 1 Level</b>                                | 3%                    | 1%                     | 1%                     |
| <b>RX Plan Level: 2 Level</b>                                | 13%                   | 13%                    | 8%                     |
| <b>RX Plan Level: 3 Level</b>                                | 81%                   | 83%                    | 90%                    |

Source: 2007 Mercer National Survey of Employer-Sponsored Health Plans

\*Based on 2007 B&B book of Business

# Benchmarking



# 2008 Estimated Cost Analysis

## Active Employees:

| Active Employees  | Enrollment  | Total Annual Premium   | Total Annual Employee Cost | Total Annual Employer Cost |
|-------------------|-------------|------------------------|----------------------------|----------------------------|
| CSEA Active       | 1768        | \$12,974,006           | \$1,081,661                | \$11,892,345               |
| FSW Active        | 780         | \$5,430,130            | \$389,997                  | \$5,040,133                |
| DSA Active        | 433         | \$3,156,614            | \$305,234                  | \$2,851,380                |
| PBA               | 239         | \$1,816,631            | \$104,730                  | \$1,711,902                |
| MGMT Confidential | 116         | \$828,032              | \$64,589                   | \$763,443                  |
| LEA               | 112         | \$801,473              | \$59,054                   | \$742,419                  |
| MGMT Professional | 323         | \$801,473              | \$59,054                   | \$742,419                  |
| Sheriff Command   | 32          | \$267,687              | \$12,565                   | \$255,122                  |
| Elected Off Act   | 24          | \$222,287              | \$23,548                   | \$198,739                  |
| IAFF              | 20          | \$179,007              | \$21,570                   | \$157,437                  |
| IUOE              | 17          | \$131,108              | \$10,953                   | \$120,155                  |
| Dept Head Active  | 14          | \$99,985               | \$6,585                    | \$93,400                   |
| Sheriff Exec      | 6           | \$61,204               | \$4,681                    | \$56,522                   |
| CSEA Inactive     | 9           | \$59,742               | \$3,788                    | \$55,954                   |
| DSA InActive      | 6           | \$50,747               | \$3,360                    | \$47,387                   |
| FSW Inactive      | 5           | \$48,804               | \$3,556                    | \$45,249                   |
| FSW PT w/Benefits | 5           | \$31,608               | \$15,804                   | \$15,804                   |
| <b>Total</b>      | <b>3909</b> | <b>\$26,960,535.60</b> | <b>\$2,170,729.68</b>      | <b>\$24,789,805.92</b>     |

2008 Average annual cost per employee: **\$6,897.04**

2007 Benchmark: **\$6,891** (Mercer National Benefit Survey-Government POS Plans)

# 2008 Estimated Cost Analysis

## Retired Under 65:

| Retirees under 65      | Enrollment  | Total Annual Premium  | Total Annual Employee Cost | Total Annual Employer Cost |
|------------------------|-------------|-----------------------|----------------------------|----------------------------|
| CSEA <65               | 1016        | \$3,973,156           | \$1,970                    | \$3,975,126                |
| DSA <65                | 145         | \$1,616,719           | \$0                        | \$1,616,719                |
| FSW < 65               | 147         | \$1,171,857           | \$31,248                   | \$1,140,609                |
| PBA < 65               | 71          | \$871,416             | \$0                        | \$871,416                  |
| Mgmt Professional < 65 | 71          | \$805,252             | \$7,532                    | \$797,721                  |
| Mgmt Confidential < 65 | 25          | \$204,363             | \$2,163                    | \$202,200                  |
| IAFF < 65              | 10          | \$125,539             | \$0                        | \$125,539                  |
| IUOE < 65              | 10          | \$106,360             | \$3,319                    | \$103,041                  |
| Dept Head <65          | 9           | \$96,823              | \$0                        | \$96,823                   |
| Sheriff Command < 65   | 6           | \$83,096              | \$0                        | \$83,096                   |
| LEA < 65               | 8           | \$73,254              | \$0                        | \$73,254                   |
| Elected Officials <65  | 4           | \$53,021              | \$0                        | \$53,021                   |
| Sheriff Exec < 65      | 1           | \$19,208              | \$0                        | \$19,208                   |
| <b>Total</b>           | <b>1523</b> | <b>\$9,200,063.52</b> | <b>\$46,231.56</b>         | <b>\$9,157,771.80</b>      |

2008 Average annual cost per retiree:

\$6,040.75

# 2008 Estimated Cost Analysis

Retired over 65 :

| Retirees over 65       | Enrollment | Total Annual Premium  | Total Annual Employee Cost | Total Annual Employer Cost |
|------------------------|------------|-----------------------|----------------------------|----------------------------|
| CSEA > 65              | 414        | \$4,897,780           | \$10,095                   | \$4,887,685                |
| FSW >65                | 207        | \$799,087             | \$14,326                   | \$784,761                  |
| Mgmt Professional > 65 | 108        | \$632,578             | \$0                        | \$632,578                  |
| DSA >65                | 117        | \$514,827             | \$0                        | \$514,827                  |
| Mgmt Confidential > 65 | 33         | \$160,320             | \$0                        | \$160,320                  |
| Elected Officials >65  | 10         | \$59,128              | \$0                        | \$59,128                   |
| IUOE > 65              | 7          | \$45,459              | \$0                        | \$45,459                   |
| Dept Head >65          | 5          | \$27,058              | \$0                        | \$27,058                   |
| IAFF > 65              | 3          | \$26,061              | \$0                        | \$26,061                   |
| PBA > 65               | 2          | \$10,065              | \$0                        | \$10,065                   |
| LEA > 65               | 1          | \$771                 | \$0                        | \$771                      |
| <b>Total</b>           | <b>907</b> | <b>\$7,173,134.76</b> | <b>\$24,420.84</b>         | <b>\$7,148,713.92</b>      |

2008 Average annual cost per retiree: \$7,908.54

# 2008 Estimated Total Cost Analysis

| Active Employees  | Enrollment  | Total Annual Employee  |                       |                            |
|-------------------|-------------|------------------------|-----------------------|----------------------------|
|                   |             | Total Annual Premium   | Cost                  | Total Annual Employer Cost |
| CSEA Active       | 1768        | \$12,974,006           | \$1,081,661           | \$11,892,345               |
| FSW Active        | 780         | \$5,430,130            | \$389,997             | \$5,040,133                |
| DSA Active        | 433         | \$3,156,614            | \$305,234             | \$2,851,380                |
| PBA               | 239         | \$1,816,631            | \$104,730             | \$1,711,902                |
| MGMT Confidential | 116         | \$828,032              | \$64,589              | \$763,443                  |
| LEA               | 112         | \$801,473              | \$59,054              | \$742,419                  |
| MGMT Professional | 323         | \$801,473              | \$59,054              | \$742,419                  |
| Sheriff Command   | 32          | \$267,687              | \$12,565              | \$255,122                  |
| Elected Off Act   | 24          | \$222,287              | \$23,548              | \$198,739                  |
| IAFF              | 20          | \$179,007              | \$21,570              | \$157,437                  |
| IUOE              | 17          | \$131,108              | \$10,953              | \$120,155                  |
| Dept Head Active  | 14          | \$99,985               | \$6,585               | \$93,400                   |
| Sheriff Exec      | 6           | \$61,204               | \$4,681               | \$56,522                   |
| CSEA Inactive     | 9           | \$59,742               | \$3,788               | \$55,954                   |
| DSA InActive      | 6           | \$50,747               | \$3,360               | \$47,387                   |
| FSW Inactive      | 5           | \$48,804               | \$3,556               | \$45,249                   |
| FSW PT w/Benefits | 5           | \$31,608               | \$15,804              | \$15,804                   |
| <b>Total</b>      | <b>3909</b> | <b>\$26,960,535.60</b> | <b>\$2,170,729.68</b> | <b>\$24,789,805.92</b>     |

| Retirees under 65      | Enrollment  | Total Annual Employee |                    |                            |
|------------------------|-------------|-----------------------|--------------------|----------------------------|
|                        |             | Total Annual Premium  | Cost               | Total Annual Employer Cost |
| CSEA <65               | 1016        | \$3,973,156           | \$1,970            | \$3,975,126                |
| DSA <65                | 145         | \$1,616,719           | \$0                | \$1,616,719                |
| FSW <65                | 147         | \$1,171,857           | \$31,248           | \$1,140,609                |
| PBA <65                | 71          | \$871,416             | \$0                | \$871,416                  |
| Mgmt Professional < 65 | 71          | \$805,252             | \$7,532            | \$797,721                  |
| Mgmt Confidential < 65 | 25          | \$204,363             | \$2,163            | \$202,200                  |
| IAFF < 65              | 10          | \$125,539             | \$0                | \$125,539                  |
| IUOE < 65              | 10          | \$106,360             | \$3,319            | \$103,041                  |
| Dept Head <65          | 9           | \$96,823              | \$0                | \$96,823                   |
| Sheriff Command < 65   | 6           | \$83,096              | \$0                | \$83,096                   |
| LEA < 65               | 8           | \$73,254              | \$0                | \$73,254                   |
| Elected Officials <65  | 4           | \$53,021              | \$0                | \$53,021                   |
| Sheriff Exec < 65      | 1           | \$19,208              | \$0                | \$19,208                   |
| <b>Total</b>           | <b>1523</b> | <b>\$9,200,063.52</b> | <b>\$46,231.56</b> | <b>\$9,157,771.80</b>      |

| Retirees over 65       | Enrollment | Total Annual Employee |                    |                            |
|------------------------|------------|-----------------------|--------------------|----------------------------|
|                        |            | Total Annual Premium  | Cost               | Total Annual Employer Cost |
| CSEA > 65              | 414        | \$4,897,780           | \$10,095           | \$4,887,685                |
| FSW >65                | 207        | \$799,087             | \$14,326           | \$784,761                  |
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| DSA >65                | 117        | \$514,827             | \$0                | \$514,827                  |
| Mgmt Confidential > 65 | 33         | \$160,320             | \$0                | \$160,320                  |
| Elected Officials >65  | 10         | \$59,128              | \$0                | \$59,128                   |
| IUOE > 65              | 7          | \$45,459              | \$0                | \$45,459                   |
| Dept Head >65          | 5          | \$27,058              | \$0                | \$27,058                   |
| IAFF > 65              | 3          | \$26,061              | \$0                | \$26,061                   |
| PBA > 65               | 2          | \$10,065              | \$0                | \$10,065                   |
| LEA > 65               | 1          | \$771                 | \$0                | \$771                      |
| <b>Total</b>           | <b>907</b> | <b>\$7,173,134.76</b> | <b>\$24,420.84</b> | <b>\$7,148,713.92</b>      |

|                                    |             |                        |                       |                        |
|------------------------------------|-------------|------------------------|-----------------------|------------------------|
| <b>Estimated Total Annual Cost</b> | <b>6339</b> | <b>\$43,333,733.88</b> | <b>\$2,241,382.08</b> | <b>\$41,096,291.64</b> |
|------------------------------------|-------------|------------------------|-----------------------|------------------------|

**Total Annual Cost:**  
**\$43,333,733**

**Annual Employee Cost:**  
**\$2,241,382**

**Annual Employer Cost:**  
**\$41,096,291**

*Monroe County contributes 95% to total costs*

# Benefit Plan Considerations

## Benefit Platform

- Current POS platform similar to HMO platform
- The current POS platform continues to see declining membership due to newer generation plans
- New generation plans offer better alternative for benefit strategy plan management and member satisfaction
  - Exclusive Provider Organization (EPO) and Preferred Provider Organization (PPO)

# Benefit Plan Considerations

## Benefit Platform

- Current POS plans offered very similar across all groups
  - Core benefits across all plans similar
  - Variations between plans largely copay based
  - Range of \$15-\$20 for PCP visits on POS
  - Inpatient copayments \$0-\$100 per admission
- Benefit plan strategy based on HMO model of the late 1990
- Traditional Indemnity plans also old platform
  - Some limited benefit coverage
  - Very expensive in cost – questionable return in benefit value
  - Low rx copay on many plans \$2 or \$3/\$6

# Benefit Plan Considerations

## Financial Arrangement

### – *Experience Rating*

- Set premiums on a group specific 12 month basis
- Carrier at risk for claims ( if claims are higher for period, carrier can not recoup premium for difference, they will raise group specific rates accordingly for the next rating period – no run out claim cost on termination )
- Built in pooling point (stop-loss) mechanism
- DATA PROVIDED on cost drivers for specific groups – this is one of the main reasons groups leave the community pool – having the tools to make benefit decisions based on actual cost drivers

# Benefit Plan Considerations

## Financial Arrangement

### – *Self-Funding*

- Pay claims as you go, size of group means predictable risk
- No carrier margins, group specific trend – just your own claim dollars
- DATA PROVIDED on cost drivers for specific groups – this is one of the main reasons groups leave the community pool – having the tools to make benefit decisions based on actual cost drivers
- Stop-Loss protects against large claim impact
- Group pays run-out claims if change of administrator / carrier
- Plan design flexibility
  - No state mandates
  - Carrier can not “mandate” changes (your plan)
- Cash Flow Advantage and the ability to hold reserves

# Medical Plan Observations

- ✓ **Plan Features:** Current POS plans are quickly becoming outdated as benefit plans move to more current platforms (EPO or PPO). Monroe County should explore alternative benefit platforms.
  
- ✓ **Enable Change:**
  - ✓ Within the organization through education and communication.
  - ✓ Reinforce how employees are using or not using the plans today, the reality of actual cost, the financial investment of the County and the importance of changing behavior.
  
- ✓ **Alternative Funding Research:** Given a review of the current experience data and having several years of creditable data, the County should consider self funding options.

**Thank You**

**QUESTIONS?**

# Disclosure

## DISCLOSURE

The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.

Executive summaries and proposals, if presented to clients, are created by Brown & Brown. Neither the carrier nor Brown & Brown will be held responsible for typographical or clerical errors contained in said proposal.

This is provided for your internal use only. The contents are made available strictly to the client. No further use or distribution is authorized without our prior written consent.

It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.

All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverages.

B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.

Broader Coverage May Be Available.

**Carriers represented in this presentation are: Excellus BlueCross Blue Shield AM Best Rating A-, [www.excellus.com](http://www.excellus.com).**

In addition to the commissions or fees received by us for assistance with the placement, servicing, claims handling, or renewal of your insurance coverages, other parties, such as excess and surplus lines brokers, wholesale brokers, reinsurance intermediaries, underwriting managers and similar parties, some of which may be owned in whole or in part by Brown & Brown, Inc., may also receive compensation for their role in providing insurance products or services to you pursuant to their separate contracts with insurance or reinsurance carriers.

Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies.

Should you have any questions, or require any additional information, please contact this office. If for any reason you prefer not to contact this office, you can submit a report concerning any entity related to Brown & Brown, Inc. through Ethicspoint by e-mail via [www.ethicspoint.com](http://www.ethicspoint.com), or by toll-free call to 866-384-4277.

This report was prepared with funds provided by the New York State Department of State under the Shared Municipal Services Incentive Grant Program.

# Rochester City School District



## Data Analysis 2005-2008 Rochester City School District

 **Brown & Brown Insurance**  
*Employee Benefit Group*



# Table of Contents-UPDATE

- **Experience Review**
  - **Excellus BCBS**
  - **Preferred Care**
- **Utilization Review**
- **Excellus Benchmarking**
- **Discussion**
- **Appendix**

# Total Population Utilization

| 2005                   | Medical Claims      | RX Claims          | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|------------------------|---------------------|--------------------|---------------------|---------------------|------------|---------------------|
| Excellus               | \$23,427,694        | \$6,924,266        | \$30,351,960        | \$27,240,890        | 111.42%    | 104.12%             |
| Preferred Care         | \$7,514,392         | \$1,844,508        | \$9,358,900         | \$10,749,631        | 87.06%     |                     |
| Stop Loss              | \$0                 | \$0                | \$0                 | \$26,750            |            |                     |
| HRA Contribution/Admin | \$664,063           | \$0                | \$0                 | \$122,318           |            |                     |
| <b>Total</b>           | <b>\$31,606,149</b> | <b>\$8,768,774</b> | <b>\$39,710,860</b> | <b>\$38,139,589</b> |            |                     |

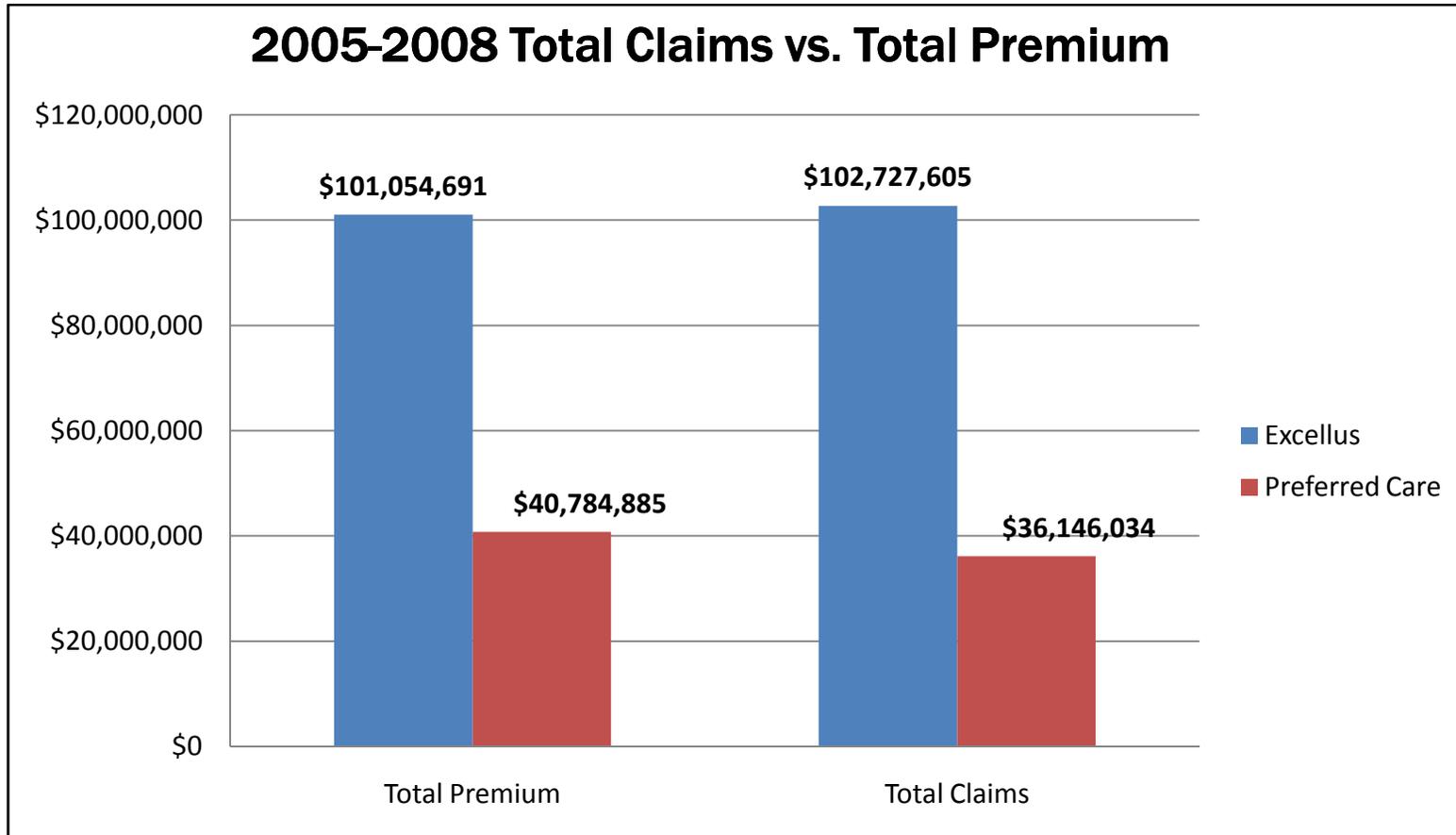
| 2006                   | Medical Claims      | Rx Claims          | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|------------------------|---------------------|--------------------|---------------------|---------------------|------------|---------------------|
| Excellus               | \$23,272,288        | \$7,731,007        | \$31,003,295        | \$30,545,704        | 98.52%     | 104.46%             |
| Preferred Care         | \$8,734,633         | \$2,178,973        | \$10,913,606        | \$13,076,644        | 119.82%    |                     |
| Stop Loss              | \$0                 | \$0                | \$0                 | \$41,826            |            |                     |
| HRA Contribution/Admin | \$741,190           | \$0                | \$0                 | \$123,870           |            |                     |
| <b>Total</b>           | <b>\$32,748,111</b> | <b>\$9,909,980</b> | <b>\$41,916,901</b> | <b>\$43,788,044</b> |            |                     |

| 2007                   | Medical Claims      | Rx Claims           | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|------------------------|---------------------|---------------------|---------------------|---------------------|------------|---------------------|
| Excellus               | \$24,702,849        | \$8,080,610         | \$32,783,459        | \$34,091,686        | 103.99%    | 103.27%             |
| Preferred Care         | \$9,800,944         | \$2,517,440         | \$12,318,384        | \$12,318,384        | 100.00%    |                     |
| Stop Loss              | \$0                 | \$0                 | \$0                 | \$31,692            |            |                     |
| HRA Contribution/Admin | \$646,076           | \$0                 | \$0                 | \$136,893           |            |                     |
| <b>Total</b>           | <b>\$35,149,869</b> | <b>\$10,598,050</b> | <b>\$45,101,843</b> | <b>\$46,578,655</b> |            |                     |

| 2008 thru 03/31/08      | Medical Claims     | RX Claims          | Total Claims        | Paid Premium        | Loss Ratio | Combined Loss Ratio |
|-------------------------|--------------------|--------------------|---------------------|---------------------|------------|---------------------|
| Excellus                | \$6,424,293        | \$2,164,598        | \$8,588,891         | \$9,064,893         | 94.75%     | 87.89%              |
| Preferred Care          | \$2,850,322        | \$704,822          | \$3,555,144         | \$4,640,226         | 76.62%     |                     |
| Stop Loss               | \$0                | \$0                | \$0                 | \$11,250            |            |                     |
| HRA Contribution/Admin* | \$634,676          | \$0                | \$0                 | \$100,517           |            |                     |
| <b>Total</b>            | <b>\$9,909,291</b> | <b>\$2,869,420</b> | <b>\$12,144,035</b> | <b>\$13,816,886</b> |            |                     |

\*through 9/2008

# 2005-2008 Total Claims vs. Total Premium

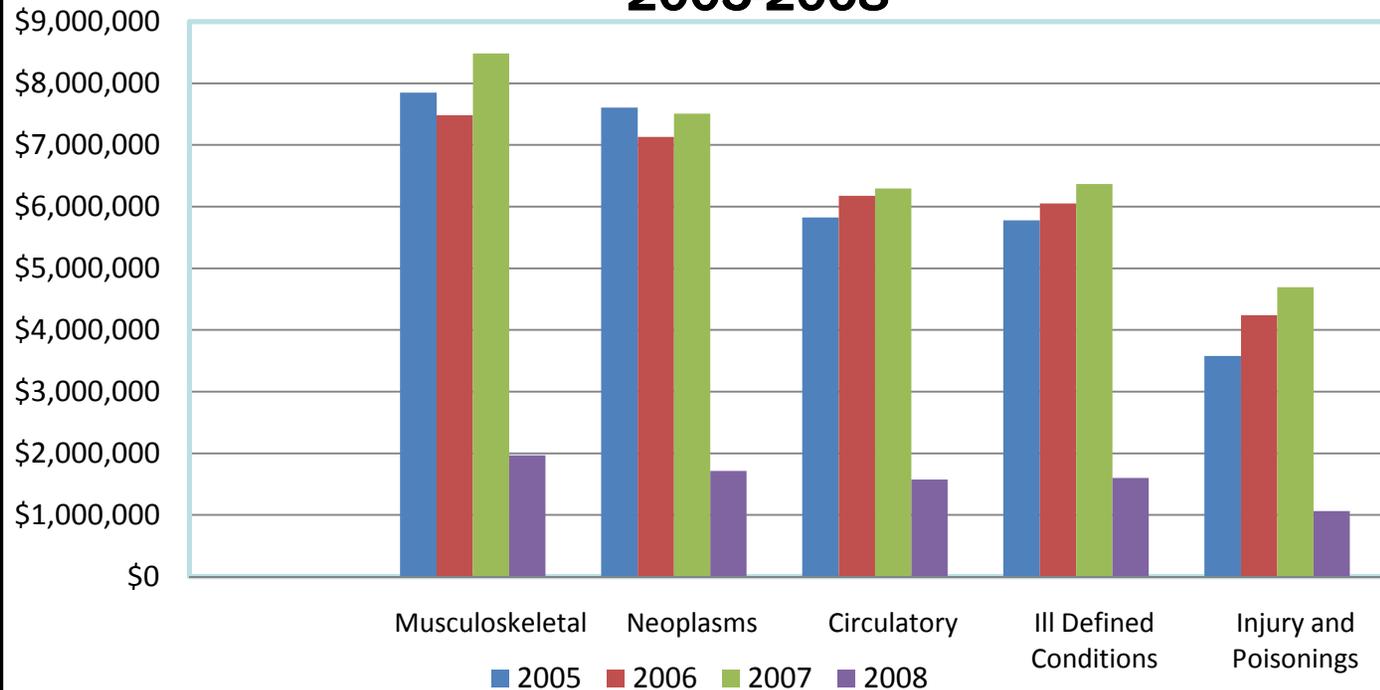


**Total Premium: \$141,839,576**

**Total Claims: \$138,873,639**

# Claim Spend by Major Diagnostic Category (MDC)-Excellus

Excellus Top 5 Major Diagnostic Claim Spend  
2005-2008



## Top 5 MDC

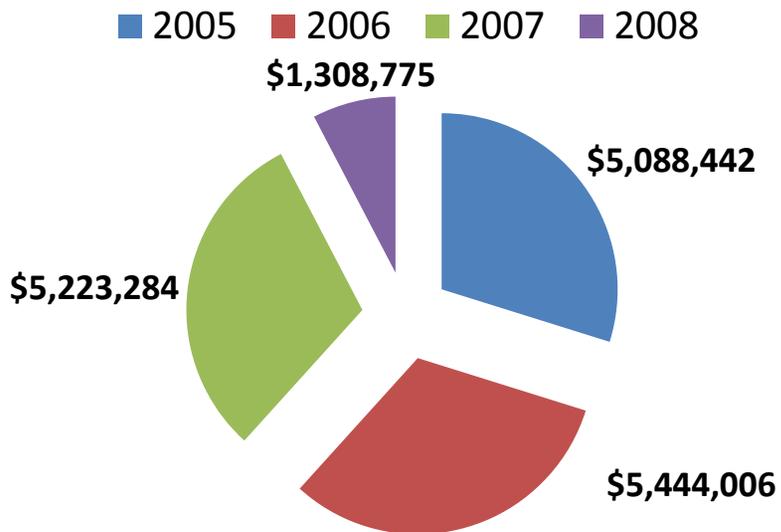
|                               | 2005        | 2006        | 2007        | 2008        | Total Spend  |
|-------------------------------|-------------|-------------|-------------|-------------|--------------|
| <b>Musculoskeletal</b>        | \$7,849,931 | \$7,479,368 | \$8,482,935 | \$1,964,827 | \$25,777,061 |
| <b>Neoplasms</b>              | \$7,604,493 | \$7,129,011 | \$7,509,229 | \$1,712,823 | \$23,955,556 |
| <b>Circulatory</b>            | \$5,824,481 | \$6,176,657 | \$6,295,647 | \$1,569,932 | \$19,866,717 |
| <b>Ill Defined Conditions</b> | \$5,774,775 | \$6,050,696 | \$6,365,824 | \$1,598,204 | \$19,789,499 |
| <b>Injury and Poisonings</b>  | \$3,576,482 | \$4,240,105 | \$4,690,193 | \$1,060,599 | \$13,567,379 |

# Excellus High Cost Claimants (HCC)- Over \$25K

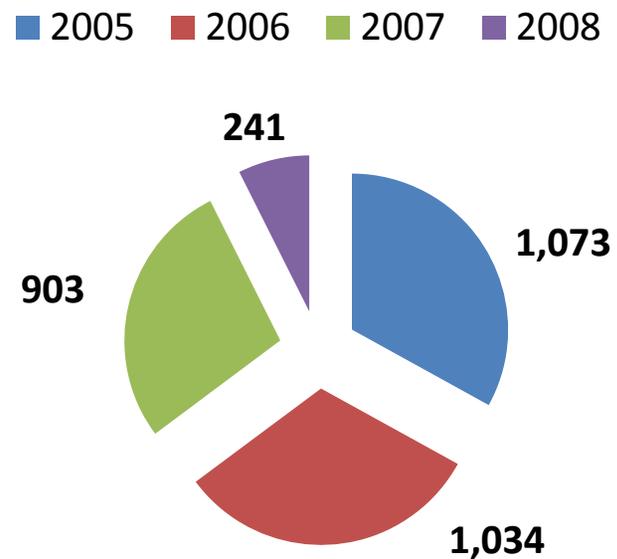
| <b>Excellus</b>            | <b>2005</b>             | <b>2006</b>             | <b>2007</b>             | <b>Q 1 2008</b>        |
|----------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| <b>Total # of Claims</b>   | 105                     | 98                      | 118                     | 23                     |
| <b>Range of Claim Cost</b> | \$25,147 -<br>\$218,445 | \$25,087 -<br>\$174,348 | \$25,241 -<br>\$133,641 | \$25,063 -<br>\$62,102 |
| <b>Total HCC Spend</b>     | \$5,052,907             | \$4,921,508             | \$5,384,788             | \$856,981              |

# Excellus Inpatient Cost/Visits

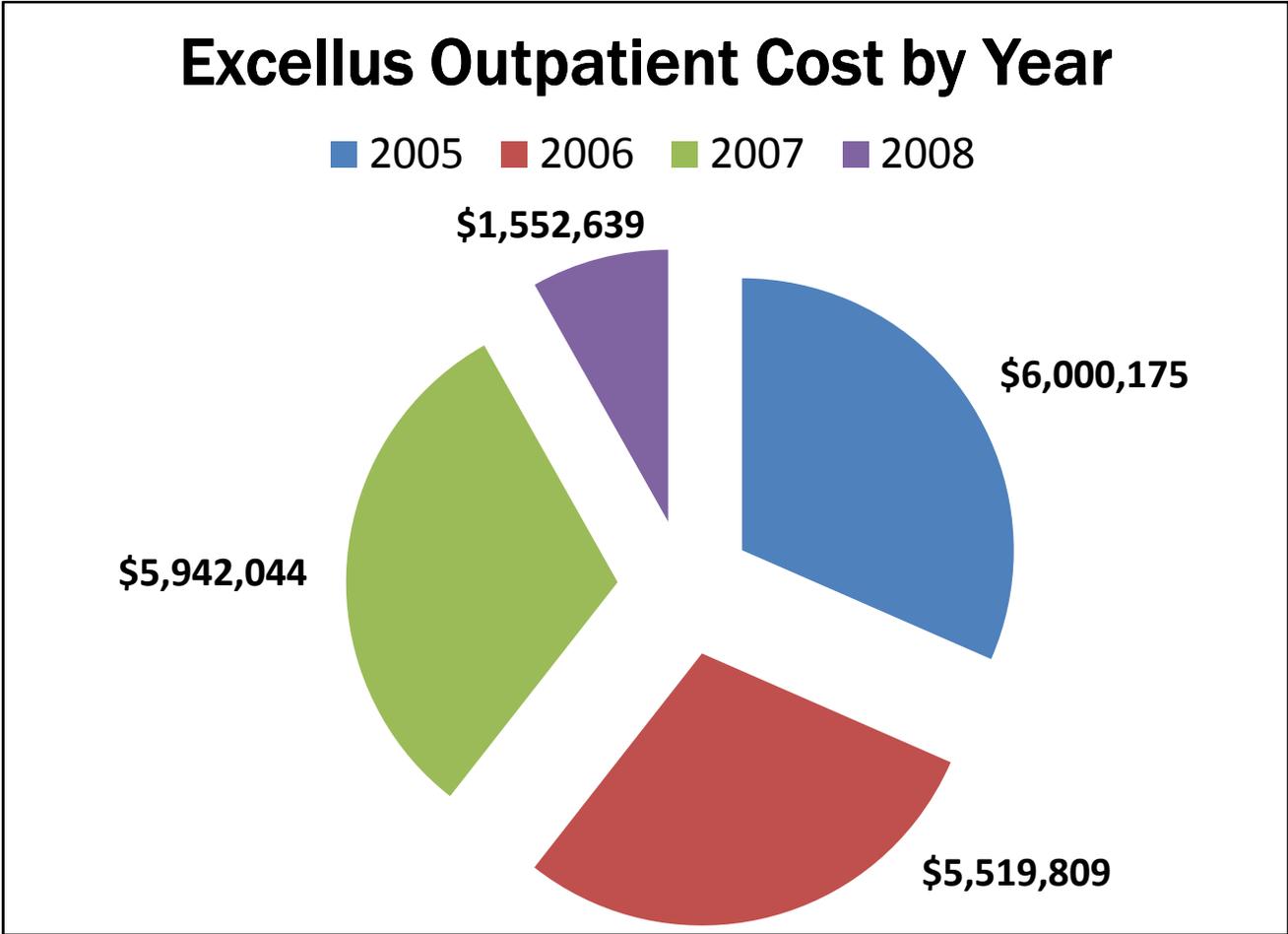
## Excellus Inpatient Cost by Year



## Excellus Inpatient Visits by Year

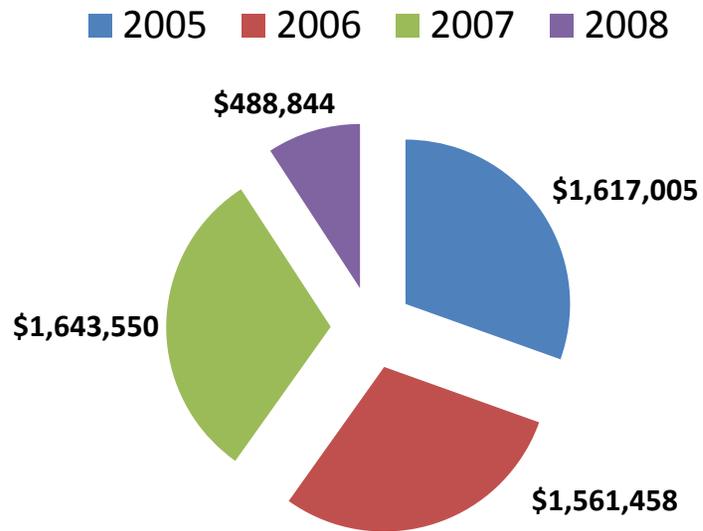


# Excellus –Outpatient Cost by Year

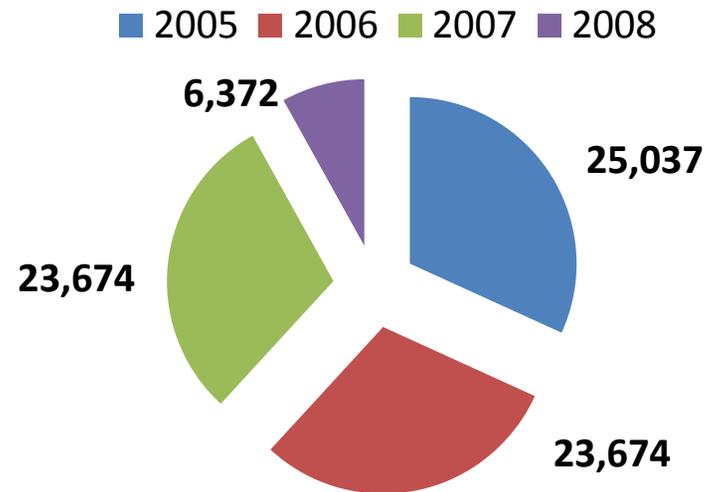


# Excellus Primary Care Physician (PCP) Cost/Visits Per Year

## Excellus PCP Cost by Year



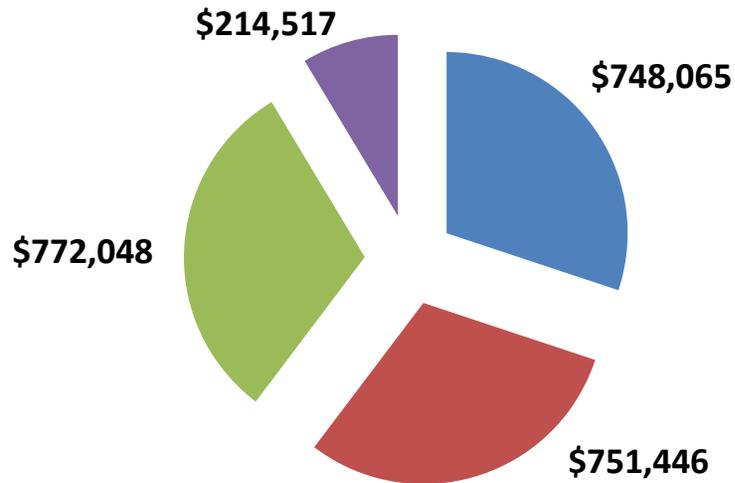
## Excellus PCP Office Visits by Year



# Excellus Specialist Cost and Number of Office Visits

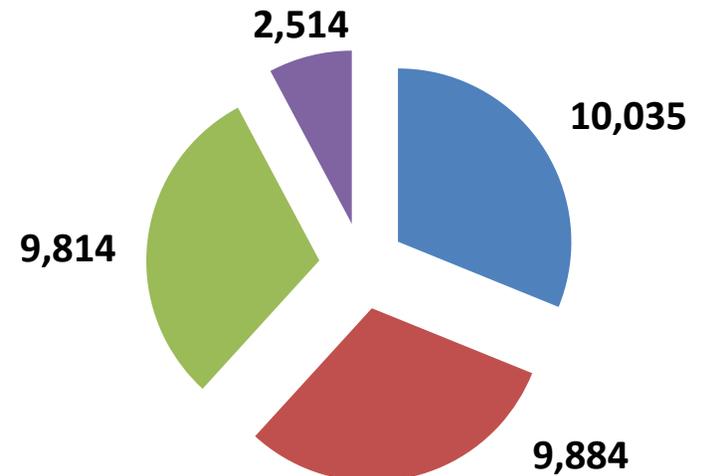
## Excellus Specialist Cost by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008



## Excellus Specialists Office Visits by Year

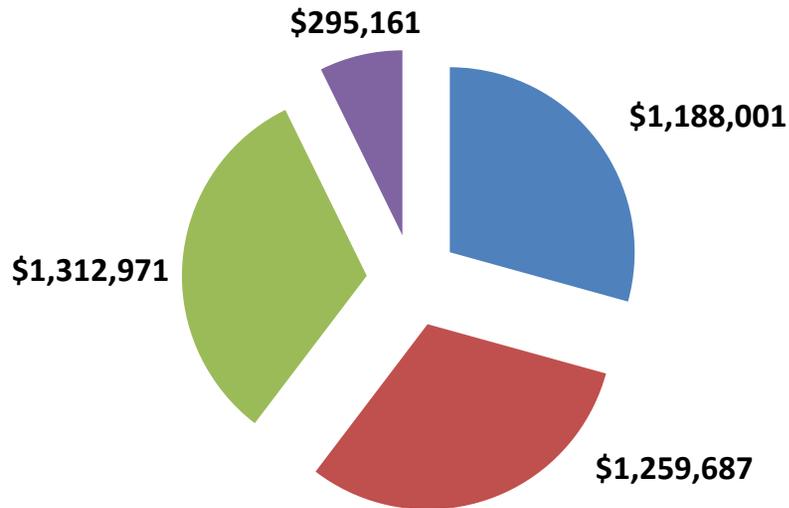
■ 2005 ■ 2006 ■ 2007 ■ 2008



# Excellus Emergency Room (ER) Costs and Visits

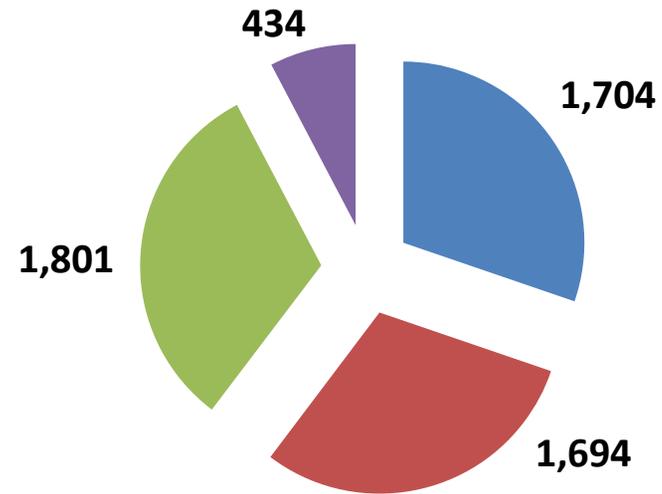
## Excellus Emergency Room Cost by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008

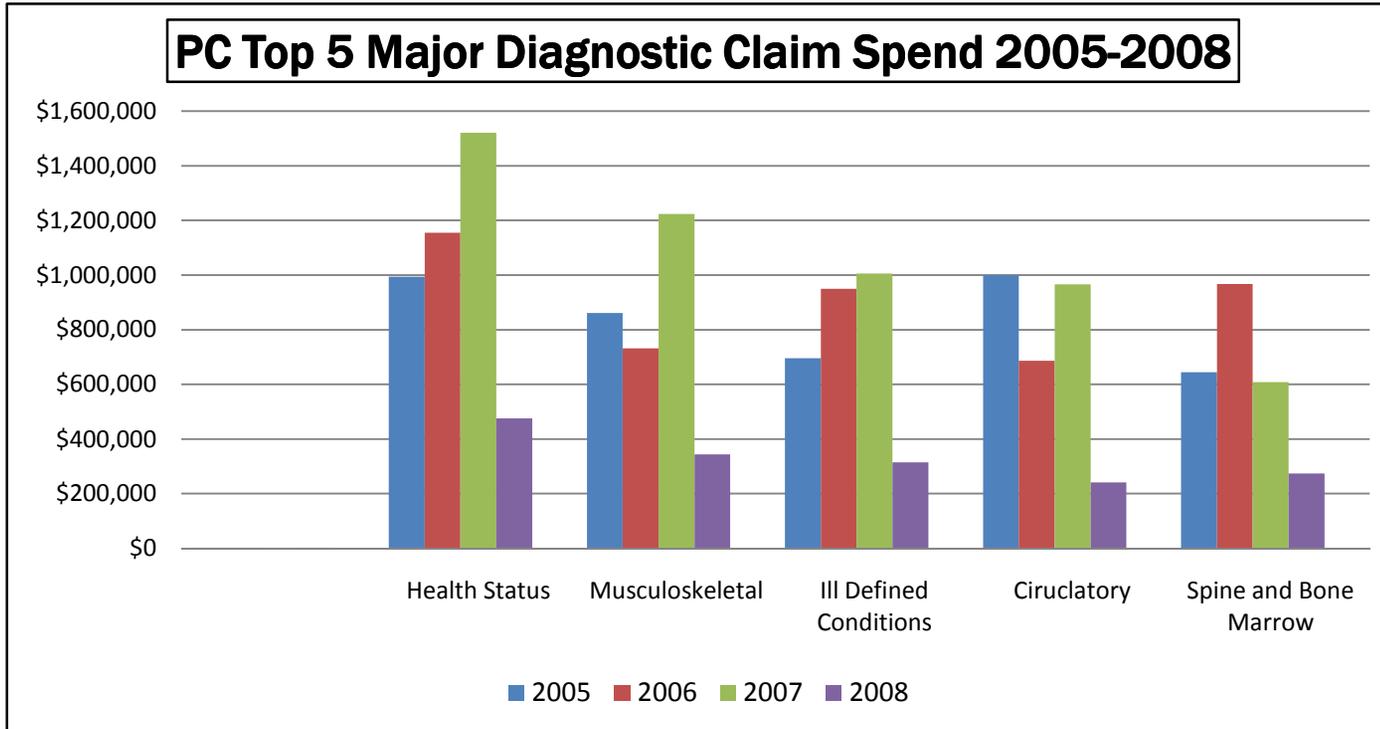


## Excellus Emergency Room Visits by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008



# Claim Spend by Major Diagnostic Category (MDC)-Preferred Care



## Top 5 MDC

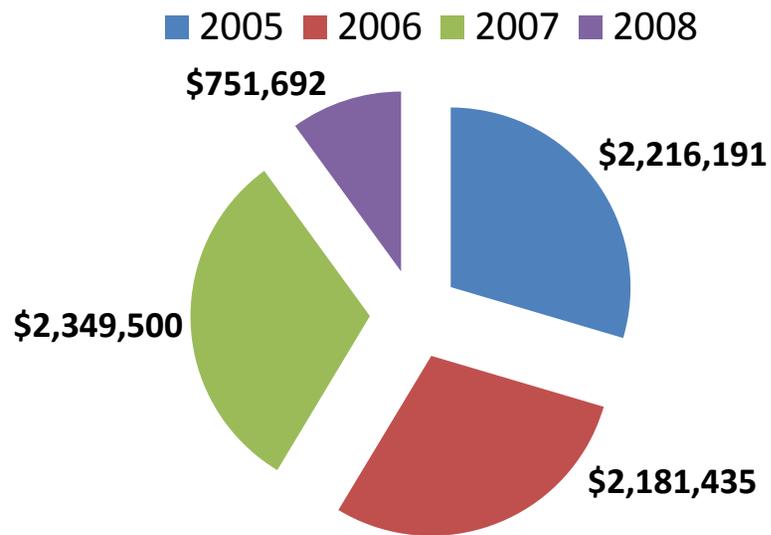
|                               | 2005      | 2006        | 2007        | 2008      | Total Spend |
|-------------------------------|-----------|-------------|-------------|-----------|-------------|
| <b>Health Status</b>          | \$993,993 | \$1,154,926 | \$1,520,513 | \$475,081 | \$4,144,513 |
| <b>Musculoskeletal</b>        | \$860,634 | \$732,404   | \$1,223,301 | \$343,624 | \$3,159,963 |
| <b>Ill Defined Conditions</b> | \$695,900 | \$949,756   | \$1,005,522 | \$314,208 | \$2,965,386 |
| <b>Ciruclatory</b>            | \$999,961 | \$686,061   | \$966,361   | \$241,004 | \$2,893,387 |
| <b>Spine and Bone Marrow</b>  | \$644,686 | \$967,241   | \$607,728   | \$274,201 | \$2,493,856 |

## Preferred Care High Cost Claimants (HCC)- Over \$25K

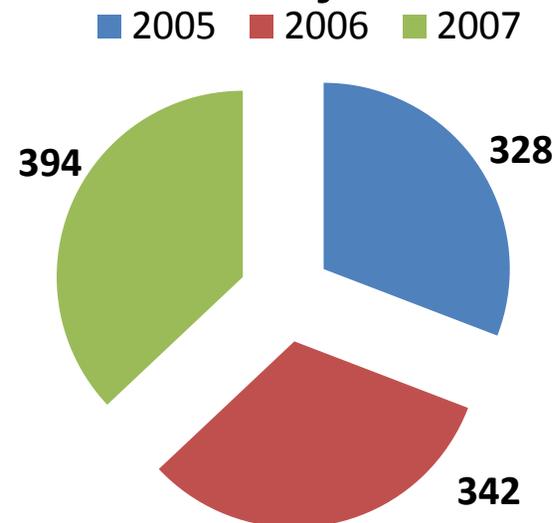
| Preferred Care      | 2005                 | 2006                 | 2007                 | Q 1 2008            |
|---------------------|----------------------|----------------------|----------------------|---------------------|
| Total # of Claims   | 39                   | 41                   | 55                   | 14                  |
| Range of Claim Cost | \$25,104 - \$309,964 | \$25,344 - \$296,919 | \$25,100 - \$173,819 | \$25,178 - \$81,668 |
| Total HCC Spend     | \$2,220,399          | \$2,383,083          | \$2,405,744          | \$623,163           |

# Preferred Care Inpatient Cost/Visits

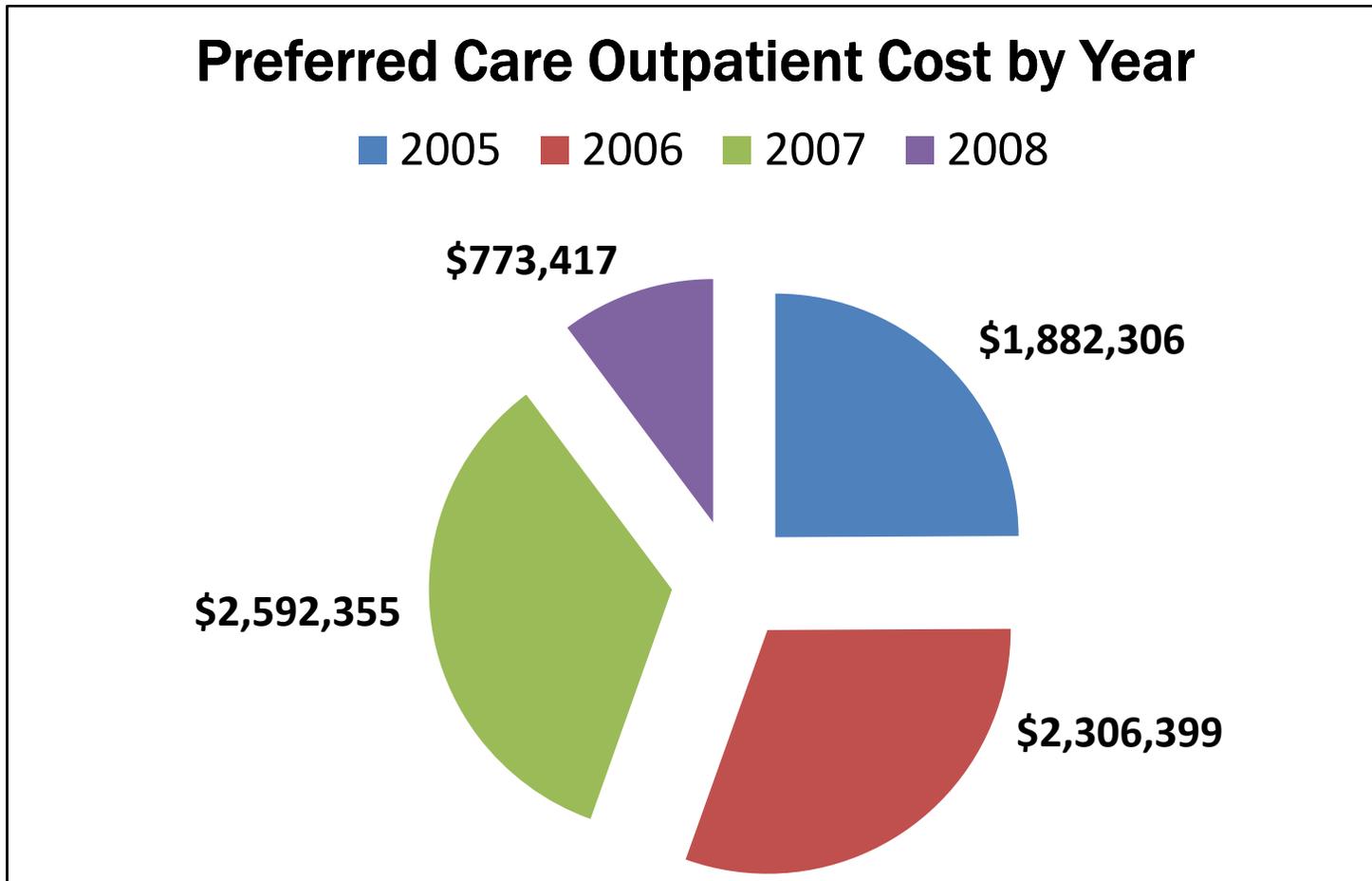
## Preferred Care Inpatient Cost by Year



## Preferred Care Inpatient Visits by Year

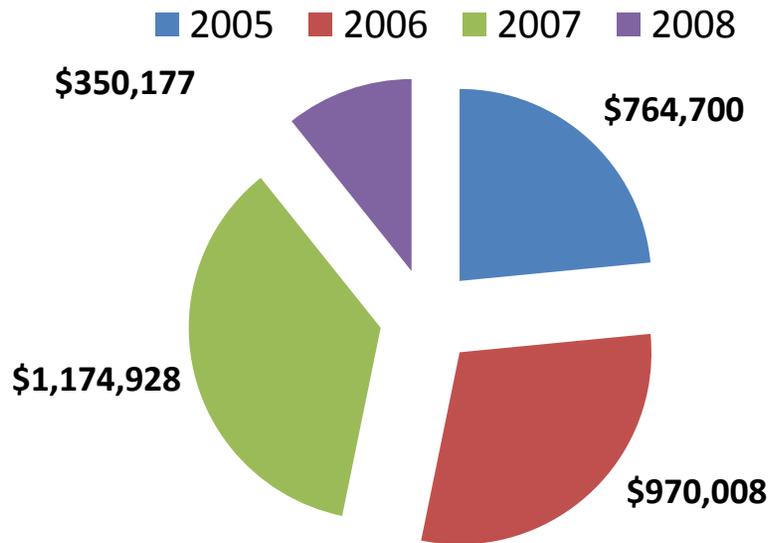


# Preferred Care – Outpatient Cost by Year

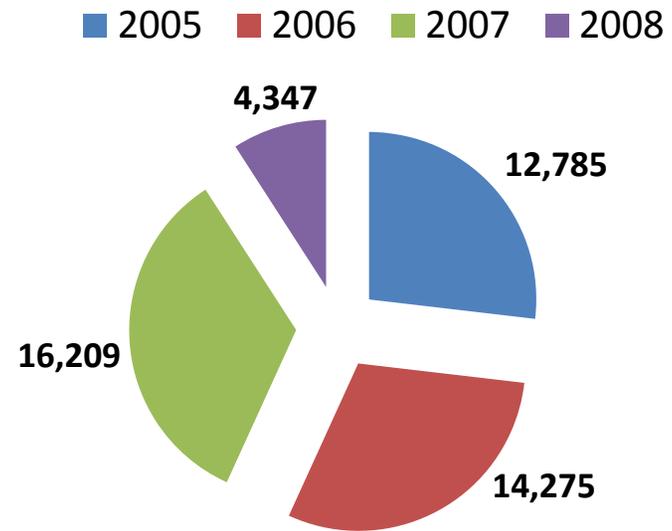


# Preferred Care Primary Care Physician (PCP) Cost/ Visits Per Year

## Preferred Care PCP Cost by Year



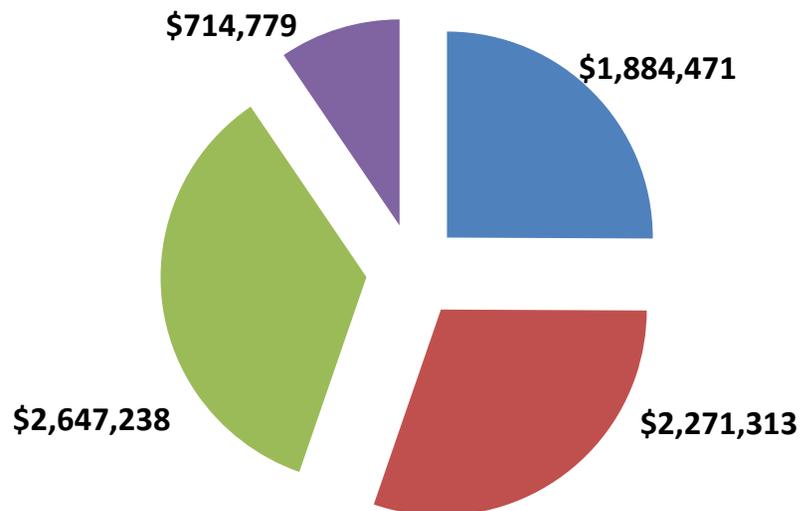
## Preferred Care PCP Visits by Year



# Preferred Care Specialist Cost/ # of Office Visits

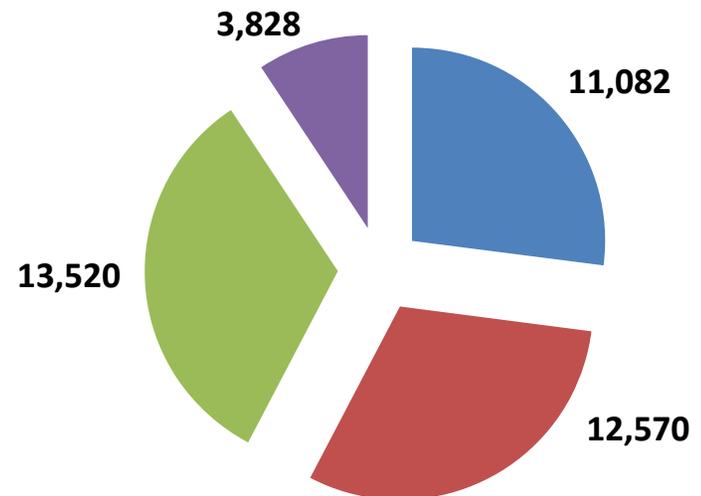
## Preferred Care Specialist Cost by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008



## Preferred Care Specialist Visits by Year

■ 2005 ■ 2006 ■ 2007 ■ 2008



# Preferred Care Emergency Room (ER) Costs and Visits

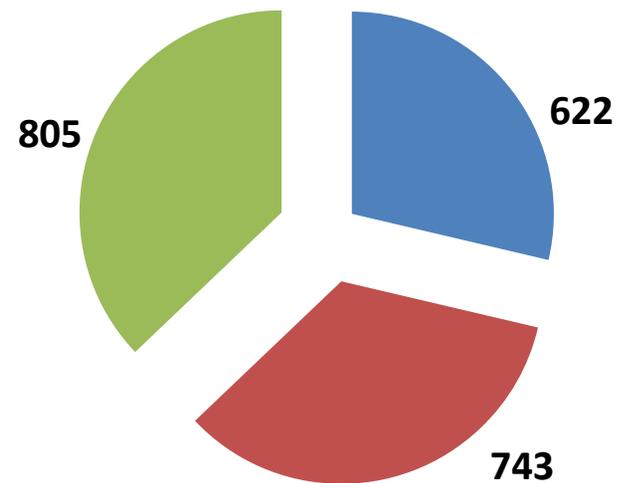
## Preferred Care Emergency Room Cost by Year

■ 2005 ■ 2006 ■ 2007



## Preferred Care Emergency Room Visits by Year

■ 2005 ■ 2006 ■ 2007



# 2007 Benchmarking-Excellus Book of Business vs. RCSD

Comparative Date 2007 Plan Year

|   | Excellus PPO | RCSD   |
|---|--------------|--------|
| Members per Contract                    | 2.1          | 1.9    |
| Average Age*                            | 34.5         | 45     |
| Medical Only: Plan Cost/Contract/Year   | 5183         | 6124   |
| Medical Only: Total Cost/Member/Year    | 2773         | 3222   |
| Adm/1,000/Year                          | 74           | 85     |
| ER visits / 1,000 / Year                | 193          | 169    |
| Total Cost per Visit                    | 823          | 729    |
| PCP Office Visits / 1,000 / Year        | 1840         | 2226   |
| Total Cost per Visit                    | 75           | 69     |
| Specialist Office Visits / 1,000 / Year | 685          | 923    |
| Total Cost per Visit                    | 88           | 79     |
| Ratio PCP Visits to Specialist Visits   | 3            | 2      |
| membership/year                         |              | 127591 |
| contracts/year                          |              | 67129  |

➤ Data is Excellus enrollment only

➤ Excellus benchmarks are PPO book of business

\* Excellus average is based on members and RCSD is based on contract holders

# Summary Analysis – Key Points

Average Claim trend (medical and RX) utilization increase for 2005 – 2006 – 2007 and annualized 2008 increase of 7.43%

Average premium trend (medical and Rx) increased 14.96% over the same period

Health Reimbursement Account and buy down to Value have allowed for significant premium savings vs. Select and Community pricing

However, Value and Opportunity continue to trend at high double digits – gradually eroding any savings over time

The HRA also cushions members from the actual impact to utilization that could occur from higher copayments

# Summary Analysis – Key Points

The HRA, while allowing for significant savings in HMO plan buy – down, does not reduce actual claim utilization.

Conversely, the actual premium cost for the plans is lowered, however, actual utilization and member behavior is not changed.

First quarter 2008 claims trend appears to be moderating downward - more data required to identify specific trend

# Specific Utilization Measures

## Major Diagnostic Category

Major Diagnostic Category expenses show consistency over the period reviewed.

Musculoskeletal and Neoplasm are #1 and #2 highest claim spend annually.

The MDC's above as well as the others are consistent with other large group MDC cost and utilization ranking

High cost claimants were also steady for the period examined  
– both in number and total dollars spent

# Specific Utilization Measures

## **Inpatient Cost / Visits**

Excellus and Preferred Care visits and cost per year have been steady for the period

## **Outpatient Costs / Year**

2007 Excellus O/P costs trend higher than the previous year (2006) although 2005 was higher than both years.

2007 Preferred Care O/P costs were higher in 2007 than in previous years

Migration of services and cost to the O/P setting is a growing trend – and typically will also offset I/P utilization and cost

# Specific Utilization Measures

## PCP Cost and Visits / Year

Excellent number of PCP visits have been stable. The year over year cost has fluctuated slightly, with 2005 and 2007 similar – 2006 was lower than both of those years

Preferred Care PCP cost and number of visits has increased gradually year over year

- dollars increased 53% from 2005 – 2007
- visits increased 26% for the same period

# Specific Utilization Measures

## Specialist Cost and Visits / Year

Excellent number of specialist visits have been stable. The year over year number of visits has fluctuated slightly, with 2005 higher than 2006 and 2007. The dollar spend has increased slightly year over year.

Preferred Care specialist cost and number of visits has increased gradually year over year

- dollars increased 40% from 2005 – 2007
- visits increased 22% for the same period

# Specific Utilization Measures

## ER Costs and Visits / Year

Excellus number of ER visits is within 107/year for the period

- with the lowest number in 2006 and the highest in 2007.
- costs have increased each year – 2007 cost is 10% higher than in 2005.

Preferred Care number of ER visits has increased each year

- Preferred Care number of visits is within 183 /year for the period, with the 622 visits in 2005 and 805 in 2007
- Costs have increased 53% from 2005-2007

# Recommendation

Remove external costs from your employee medical benefit plans

Plan marketing

**Thank You**

**QUESTIONS?**

# Disclosure

## DISCLOSURE

The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.

Executive summaries and proposals, if presented to clients, are created by Brown & Brown. Neither the carrier nor Brown & Brown will be held responsible for typographical or clerical errors contained in said proposal.

This is provided for your internal use only. The contents are made available strictly to the client. No further use or distribution is authorized without our prior written consent.

It is imperative that we be informed of any employee or dependent that is hospitalized or otherwise disabled and not actively at work on the effective date of any new contract. Coverage may not be available for these individuals.

All insurance carriers have their own operating procedures. A change in carrier could affect certain benefits and coverages.

B&B representatives are available to explain any items presented. It is assumed that the recipients of this proposal will seek an explanation of any items that may be in question.

Broader Coverage May Be Available.

**Carriers represented in this presentation are: Preferred Care AM Best Rating B+ and Excellus BlueCross Blue Shield AM Best Rating A-.**

In addition to the commissions or fees received by us for assistance with the placement, servicing, claims handling, or renewal of your insurance coverages, other parties, such as excess and surplus lines brokers, wholesale brokers, reinsurance intermediaries, underwriting managers and similar parties, some of which may be owned in whole or in part by Brown & Brown, Inc., may also receive compensation for their role in providing insurance products or services to you pursuant to their separate contracts with insurance or reinsurance carriers.

Additionally, it is possible that we, or our corporate parents or affiliates, may receive contingent payments or allowances from insurers based on factors which are not client-specific, such as the performance and/or size of an overall book of business produced with an insurer. We generally do not know if such a contingent payment will be made by a particular insurer, or the amount of any such contingent payments, until the underwriting year is closed. We may also receive invitations to programs sponsored and paid for by insurance carriers to inform brokers regarding their products and services, including possible participation in company-sponsored events such as trips, seminars, and advisory council meetings, based upon the total volume of business placed with the carrier you select. We may, on occasion, receive loans or credit from insurance companies.

Should you have any questions, or require any additional information, please contact this office. If for any reason you prefer not to contact this office, you can submit a report concerning any entity related to Brown & Brown, Inc. through Ethicspoint by e-mail via [www.ethicspoint.com](http://www.ethicspoint.com), or by toll-free call to 866-384-4277.

This report was prepared with funds provided by the New York State Department of State under the Shared Municipal Services Incentive Grant Program.

# Rochester City School District



## Summary of Findings for Rochester City School District

 **Brown & Brown Insurance**  
*Employee Benefit Group*



# Table of Contents

- **Executive Summary**
- **HealthCare Marketplace**
- **Benchmarking**
- **Cost Analysis**
- **Appendix**

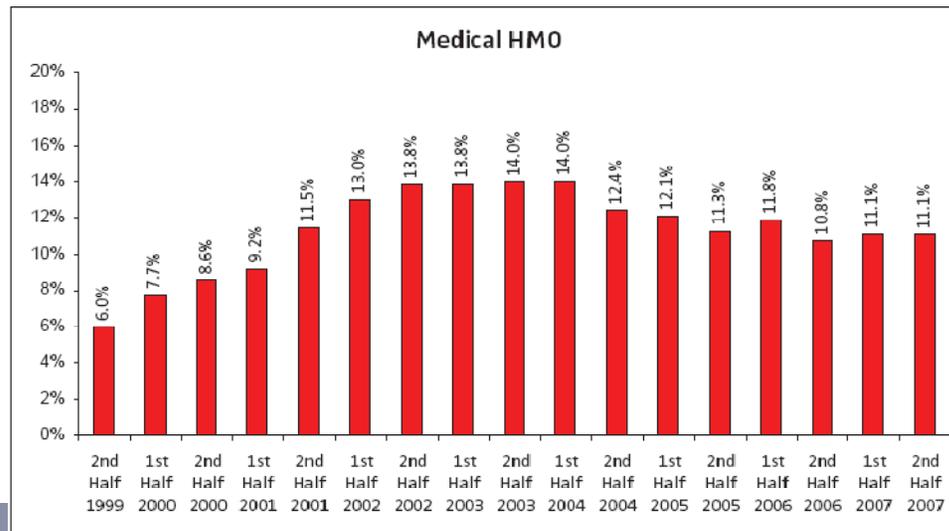
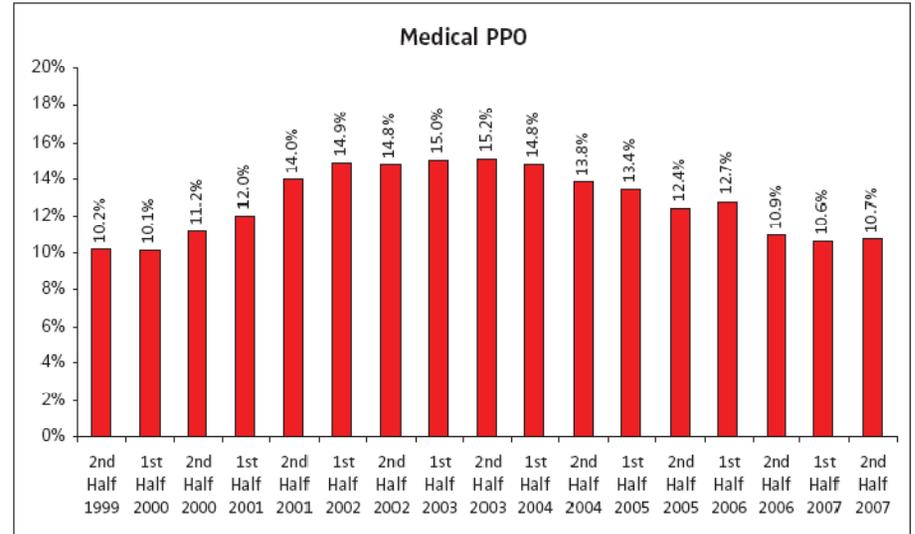
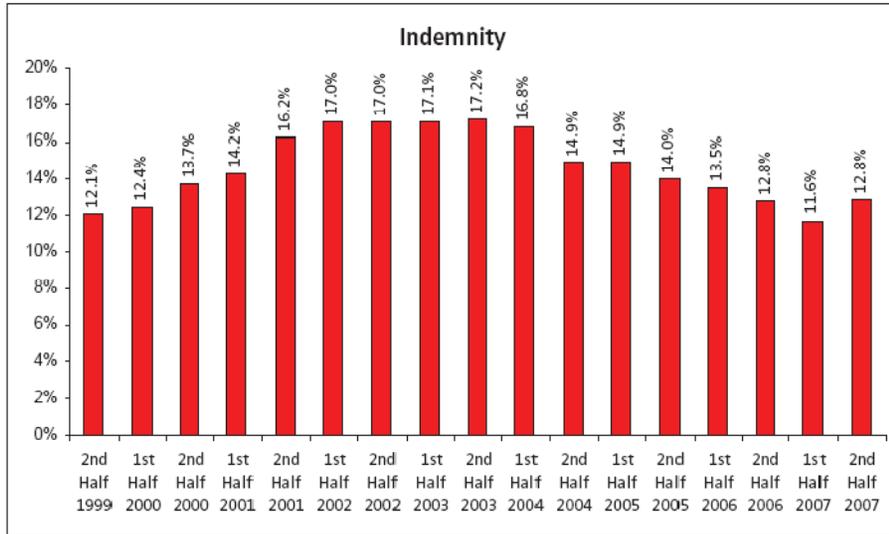
# Executive Summary

We are pleased to present our summary of findings for Rochester City School District. This presentation will provide a starting point for the collaborative purchasing feasibility study.

## **About the Report:**

- ✓ The analysis and observations are based on Brown and Brown's experience with other employers in the region, industry and nation.
- ✓ Brown and Brown is able to draw comparisons to your plans based on multiple sources of accumulated benchmarking data.
- ✓ It will serve as a concise snapshot of the overall position and strategy of your medical plans and the tools and resources we will deploy to aid Rochester City School District.

# National Health Care Trends



# The Marketplace/Current Plan Designs

**Health maintenance organization (HMO)** – a managed care organization that provides, offers, or arranges for coverage of designated health services for plan members for a fixed, prepaid premium. Patients must choose doctors, hospitals, and other health care providers from the plan's provider list in order to be fully covered. Emphasis is placed on preventive care and cost management.

## **Characteristics of an HMO:**

- ✓ **Referrals Required**
- ✓ **Limited Closed Panel Network**
- ✓ **Primary Care Physician Selection required**
- ✓ **No Coverage for Out of Network Services**

**Preferred provider organization (PPO)** – a managed care plan in which the network of doctors and hospitals provide services to plan members at discounted rates. Unlike HMOs, most PPOs do not require designation of a primary care physician to oversee patients' overall care, allowing members to consult specialists or out-of-network providers as they wish. Coverage is usually less for out-of-network providers.

## **Characteristics of a PPO:**

- ✓ **Referrals Not Required**
- ✓ **Larger and typically national network**
- ✓ **Primary Care Physician Selection NOT required**
- ✓ **Typically provides coverage for Out of Network Services at a higher member cost**

# The Marketplace/Current Plan Designs

**Exclusive Provider Organization (EPO)** – a managed care plan in which the network of doctors and hospitals provide services to plan members at discounted rates. Unlike HMOs, most EPO's do not require designation of a primary care physician to oversee patients' overall care, allowing members to consult specialists or other providers whenever they wish. Unlike PPO's, coverage is usually not provided for out of network services.

## **Characteristics of an EPO:**

- ✓ **Referrals Not Required**
- ✓ **Larger and typically national network**
- ✓ **Primary Care Physician Selection NOT required**
- ✓ **No Coverage for Out of Network Services**

# Market Overview

**Experience Rating/Self Funding –  
Better than average risk**

**Community Rated-  
Groups < 50 employees that  
meet underwriting guidelines**



- The Excellus community pool in the near future will contain employer groups with under 50 eligible employees. Larger employer groups have either left or will leave the community pool for experience rated or self funded financial arrangements.
- Preferred Care has proportionately more members in community rated products today, however with the recent introduction of EPO and PPO plans we expect a similar migration of membership into experience rated or self-funded programs.
- The new EPO/PPO platforms offer greater access to providers on a national basis, do not require referrals for specialist services and don't require selection of a primary care physician (PCP).
- EPO and PPO's are the choice of national carriers for their future benefit platforms.

## **Statistics:**

- In 1999 19% of Excellus Rochester Region business was Experience rated or self funded while 81% was Community Rated.
- In 2008 approximately 70% of Excellus Rochester Region business is Experience Rated or Self Funded and 30% is Community rated.

# Speaking Points – Market Overview

- ✓ The community pool continues to erode
- ✓ Those left in the pool will feel this erosion through increased rates and reduced plan selection
- ✓ Payors of health care premium (employers/employees/labor health & welfare funds) are moving to next generation plans – EPO or PPO to get out of a shrinking and out dated HMO benefit model
- ✓ Carriers are investing dollars in EPO and PPO plan platforms, not in HMO platforms
- ✓ EPO/PPO platforms provide access to larger networks of providers (typically national) and easier access to services (no referrals)
- ✓ Those that are not proactive in managing the current market changes are left to have their benefit options dictated to by the carrier market

# Collective Bargaining Contract Language

## ASAR Employees

### ASAR (Association of Supervisors & Administrators of Rochester)

|          |  |
|----------|--|
| 1-Jan-92 | New hires contribute 15% of the premium cost   |
| 1-Jan-97 | Blue Choice Select<br>Preferred Care Community   |
| Retiree  | 100% if employed for 10 continuous years<br>Retiree pays full cost of major medical<br>Hired on or after 7/1/2007 same as active |

# Collective Bargaining Contract Language

## Rochester Teachers Association- RTA

|                       |   |
|-----------------------|---|
| 1-Jul-91              | All new hires contribute 15% of the health insurance premium  |
| 13-Sep-02             | All new hires enrolling in the traditional plan contribute difference plan between most costly HMO or 15% of the traditional plan, whichever is greater |
| Retirees              | 100% if 10 years employment - retiree pays 100% of major medical  |
| HMO 1-Oct-97          | HMO Select Extended / PC Community Available  |
| HRA                   | Funded by District to hold employees harmless for out of pocket expenses between Select/Value and Community/Opportunity                                 |
| Financial Arrangement | Language specific to change of financial arrangement with all other District union applicable to all district employees                                 |

# Collective Bargaining Contract Language

## Superintendent's Employees Group

|                  |  |
|------------------|--|
| Active Employees | Access to any currently offered plan without contribution to any premium costs incurred by the district. |
| Retirees         |  |
| 30-Sep-02        | 100% if 5 years employment   |
| 30-Sep-03        | 100% if 10 years employment  |

## RAP (Rochester Association of Paraprofessionals)

|                               |   |
|-------------------------------|---|
| 1-Jan-91                      | All new hires contribute 15% of the health insurance premium      |
| Retirees                      | 100% if 10 years employment - retiree pays 100% of major medical  |
| Retirees on or after 7/1/2007 | Same contribution as when employed                                |
| HMO                           | 100% if costs are less than traditional indemnity plans available |

# Collective Bargaining Contract Language

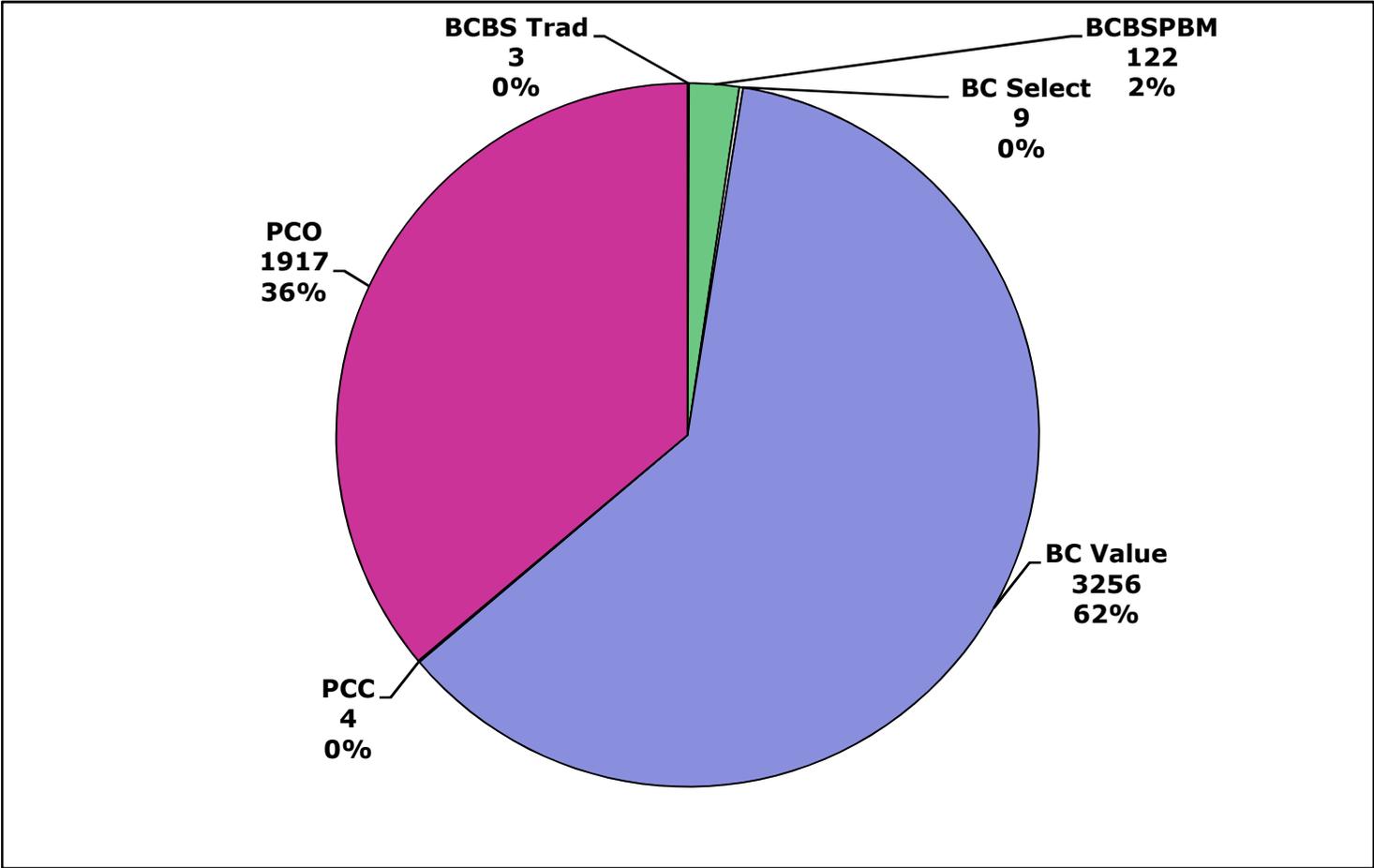
## AFSCME / BENTE

### AFSCME/BENTE Local 2419

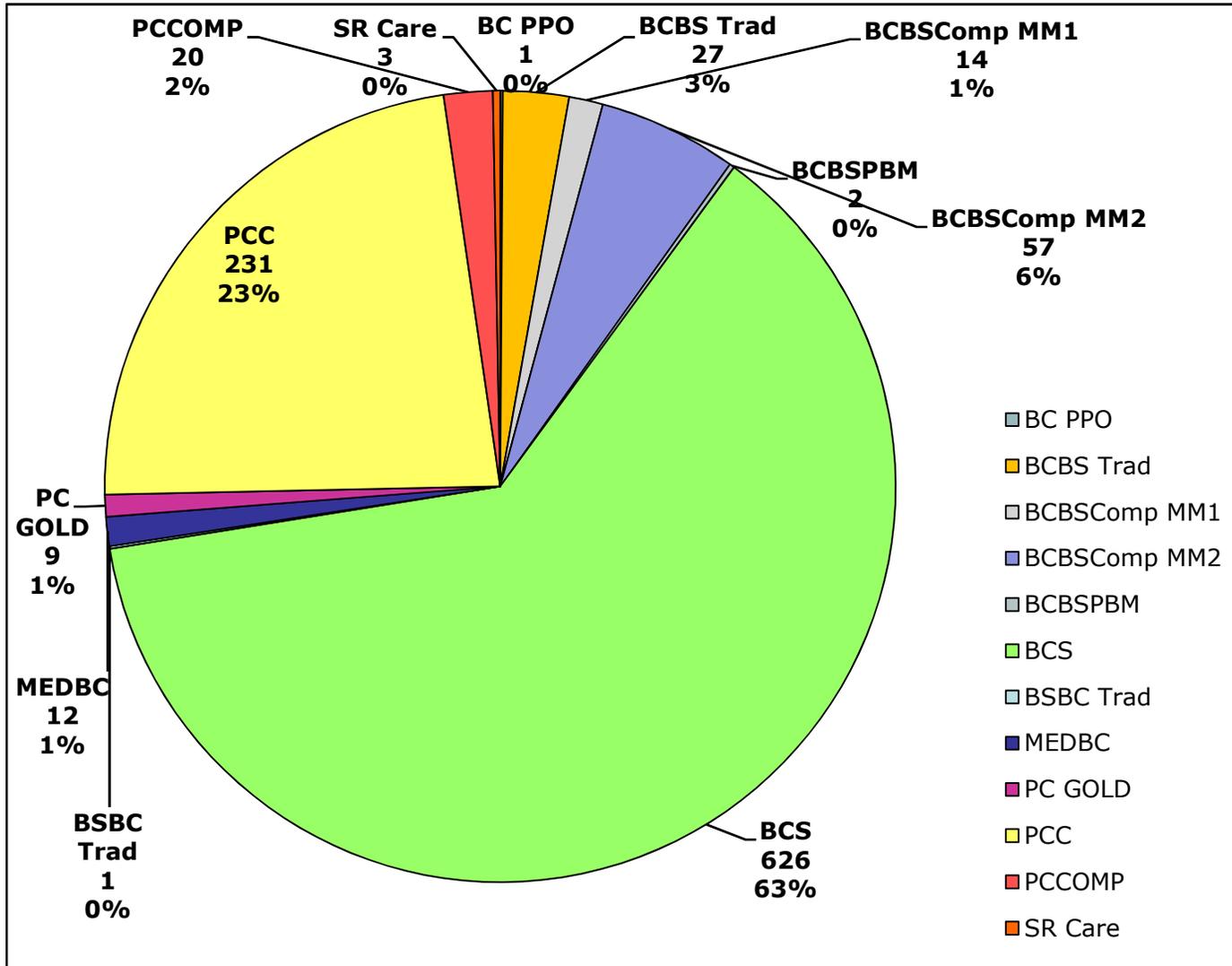
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# Enrollment by plan Active Employees

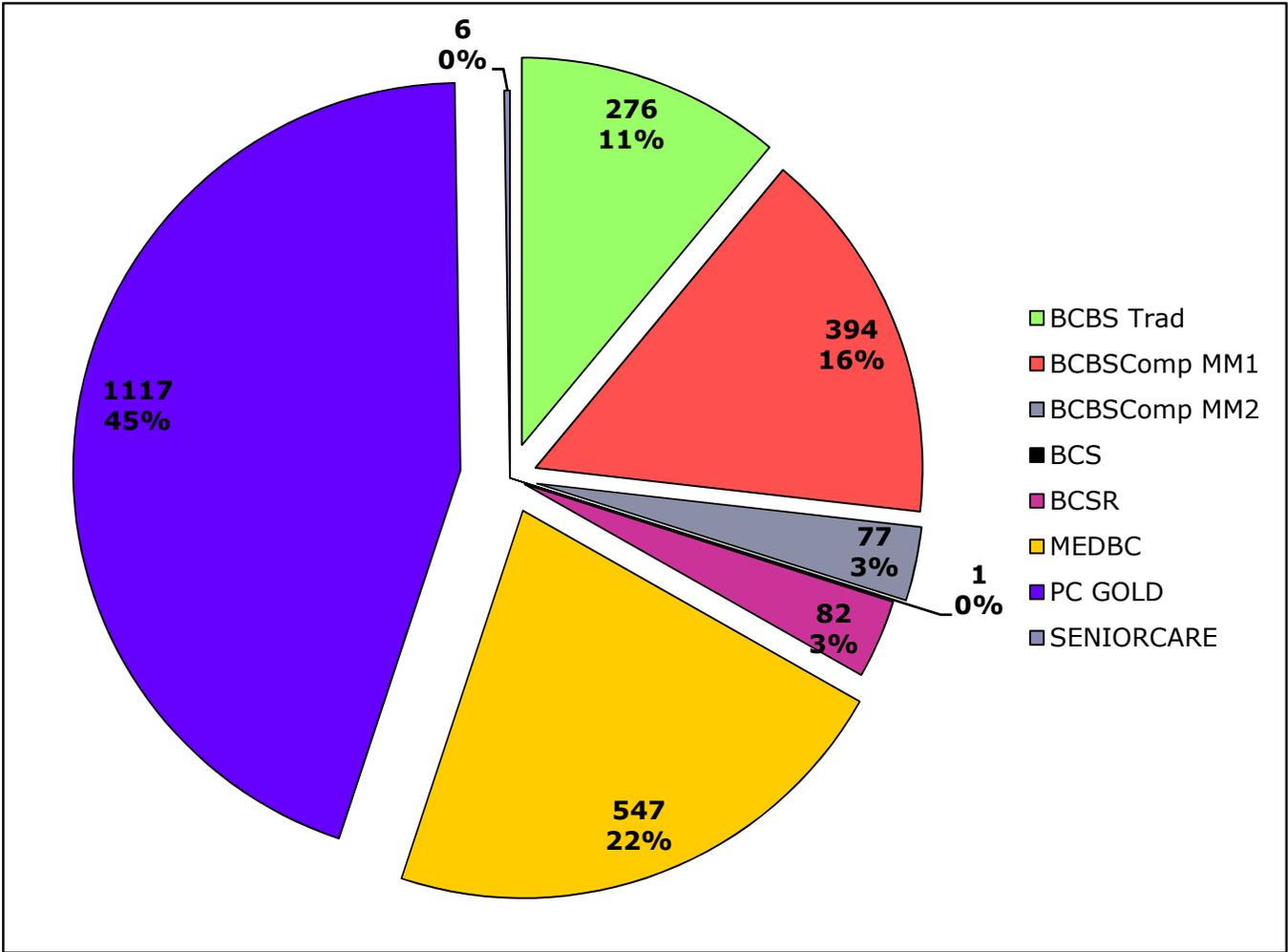
## Active Enrollment



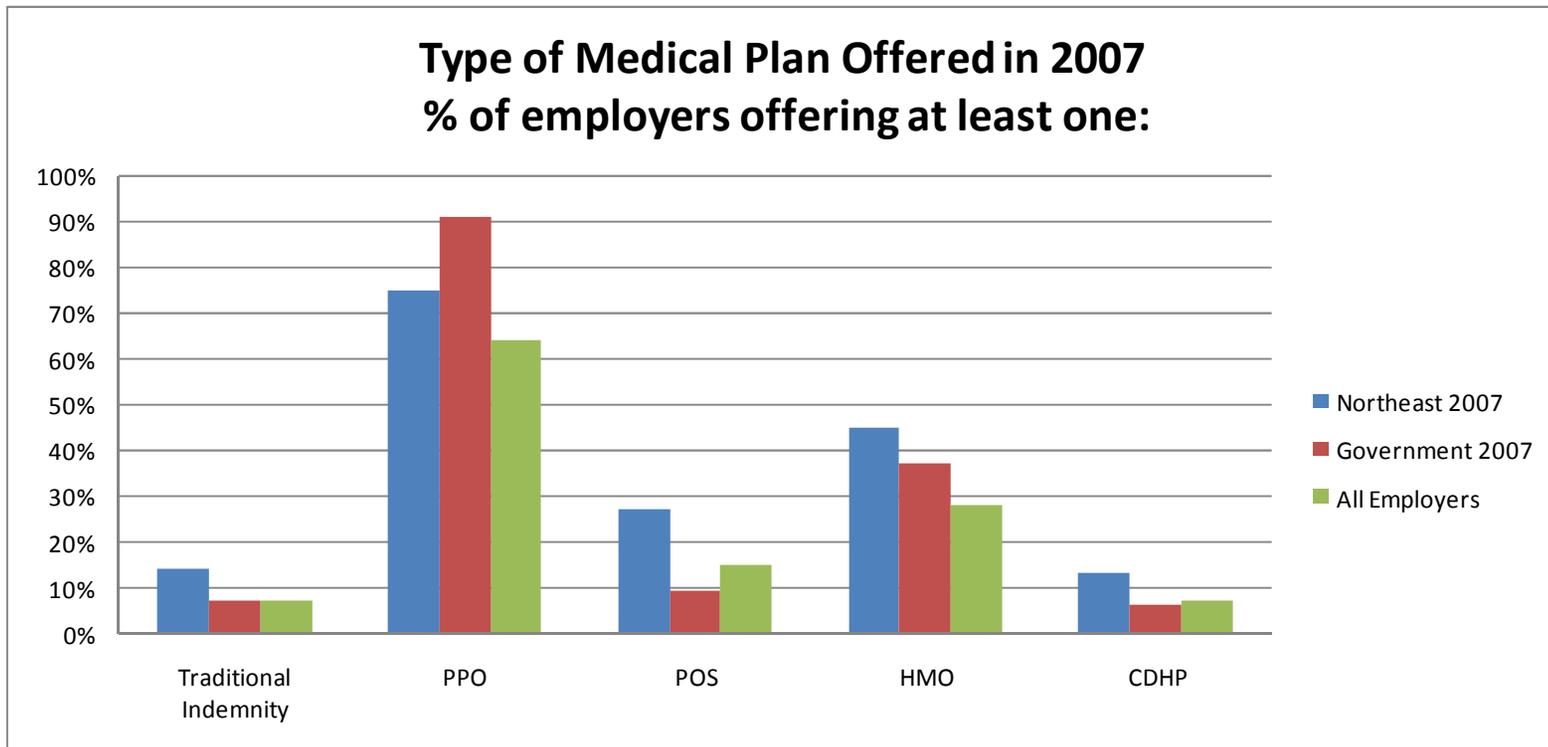
# Enrollment by plan under 65 Retirees



# Enrollment by plan over 65 Retirees



# Benchmarking



Source: 2007 Mercer National Survey of Employer-Sponsored Health Plans

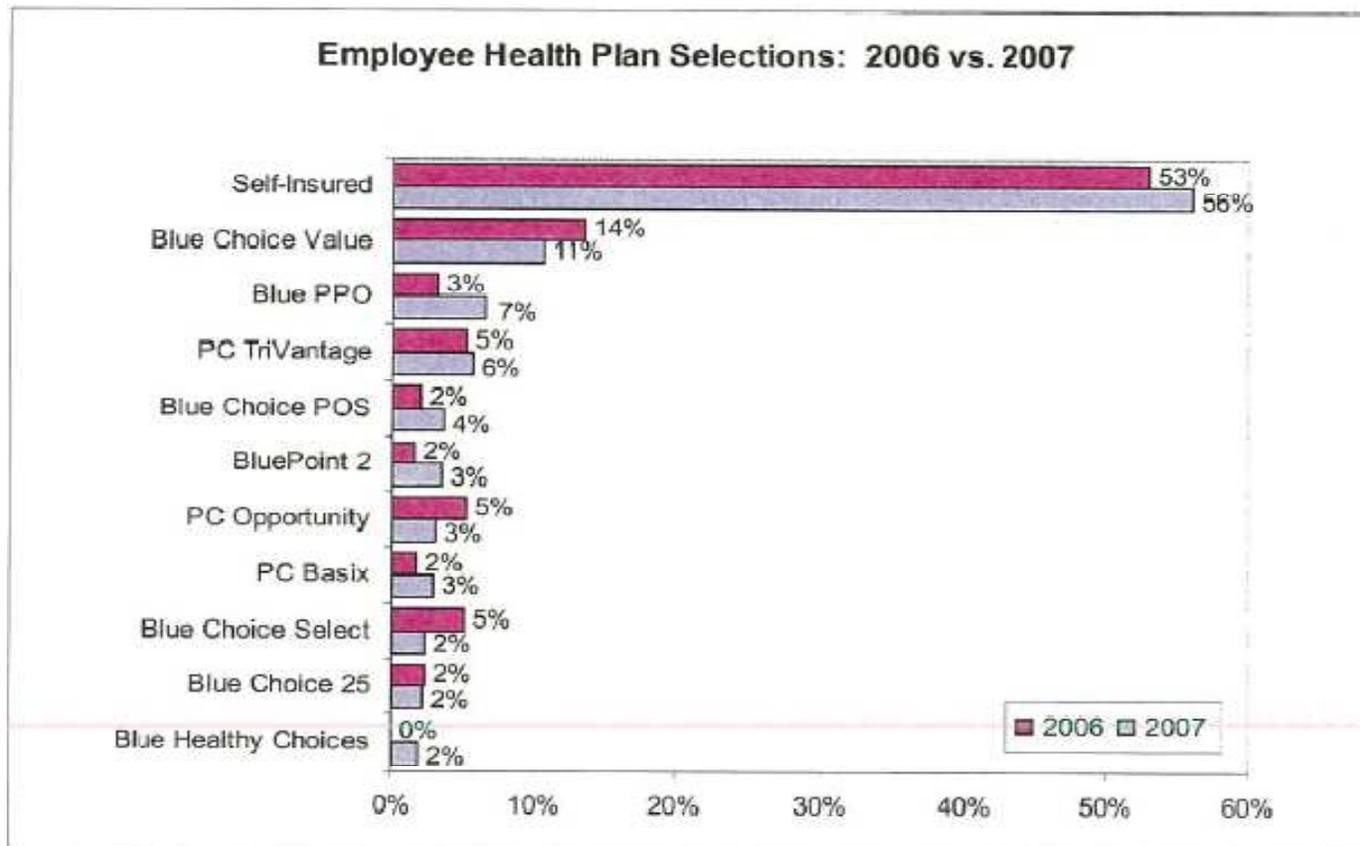
# Benchmarking-Plan Design

| PPO Plans  | Northeast 2007 | Government 2007 | Rochester Area* |
|--|----------------|-----------------|-----------------|
| <b>Require Copay for In-Net Office Visits</b>                | 99%            | 96%             | 95%             |
| <b>Require Hospital Deductible for In-Net hospital</b>       | 49%            | 51%             | 15%             |
| <b>Median Hospital deductible/Copay</b>                      | \$250          | \$300           | \$250           |
| <b>% of Employers requiring ER Copay</b>                     | 95%            | 99%             | 99%             |
| <b>Median ER Copay</b>                                       | \$50           | \$75            | \$75            |
| <b>Office Visit Copay</b>                                    | \$20           | \$15            | \$15-\$25       |
| <b>% of employers with higher copay for specialist visit</b> | 38%            | 47%             | 52%             |
| <b>Specialist Visit Copay</b>                                | \$30           | \$30            | \$30-\$50       |
| <b>Rx Copay Amounts</b>                                      | \$10/20/40     | \$5/20/40       | \$10/25/40      |
| <b>RX Plan Level: 1 Level</b>                                | 3%             | 1%              | 1%              |
| <b>RX Plan Level: 2 Level</b>                                | 13%            | 13%             | 8%              |
| <b>RX Plan Level: 3 Level</b>                                | 81%            | 83%             | 90%             |

Source: 2007 Mercer National Survey of Employer-Sponsored Health Plans

\*Based on 2007 B&B book of Business

# Benchmarking



# 2008 Estimated Cost Analysis

## Active Employees:

| Active Employees  | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|-------------------|-------------|----------------------|----------------------------|----------------------------|
| ASAR              | 254         | \$2,350,640          | \$216,973                  | \$2,133,667                |
| BENTE             | 1224        | \$9,587,375          | \$893,114                  | \$8,694,261                |
| Board Member      | 5           | \$47,050             | \$7,057                    | \$39,992                   |
| Board of Ed       | 10          | \$85,062             | \$0                        | \$85,062                   |
| Contract EE       | 5           | \$53,769             | \$8,065                    | \$45,704                   |
| Home Hospital     | 46          | \$328,107            | \$36,548                   | \$291,559                  |
| Mid Level Manager | 84          | \$766,555            | \$81,909                   | \$684,646                  |
| None-DP           | 20          | \$96,582             | \$10,705                   | \$85,876                   |
| Per Diem Sub      | 26          | \$151,285            | \$17,932                   | \$133,352                  |
| Paraprof          | 519         | \$4,033,941          | \$348,549                  | \$3,685,393                |
| RTA               | 3078        | \$25,862,059         | \$2,822,738                | \$23,039,321               |
| Superintendent    | 38          | \$347,378            | \$644                      | \$346,735                  |
| <b>Total</b>      | <b>5309</b> | <b>\$43,709,802</b>  | <b>\$4,444,235</b>         | <b>\$39,265,567</b>        |

**2008 Average annual cost per employee: \$8,233.15**

**2007 Benchmark: \$7,913** (Mercer National Benefit Survey-Government-HMO Plans)

*Enrollment assumptions based on census provided by RCSD*

# 2008 Estimated Cost Analysis

## Retired Under 65:

| Pre 65 Retired Employees | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|--------------------------|-------------|----------------------|----------------------------|----------------------------|
| ASAR                     | 44          | \$423,951            | \$40,655                   | \$383,296                  |
| Article IV               | 3           | \$28,812             | \$0                        | \$28,812                   |
| Exempt                   | 2           | \$32,902             | \$0                        | \$32,902                   |
| BENTE                    | 122         | \$930,277            | \$15,665                   | \$914,613                  |
| Home Hospital            | 2           | \$17,544             | \$0                        | \$17,544                   |
| Mid Level Manager        | 5           | \$40,951             | \$0                        | \$40,951                   |
| None-DP                  | 118         | \$734,127            | \$91,675                   | \$642,452                  |
| Per Diem Sub             | 269         | \$2,502,550          | \$93,386                   | \$2,409,164                |
| Paraprof                 | 27          | \$195,940            | \$0                        | \$195,940                  |
| RTA                      | 387         | \$3,549,108          | \$184,471                  | \$3,364,636                |
| Superintendent           | 10          | \$123,099            | \$457                      | \$122,642                  |
| Article IV-C             | 1           | \$5,387              | \$0                        | \$5,387                    |
| Misc                     | 14          | \$133,778            | \$1,586                    | \$132,191                  |
| <b>Total</b>             | <b>1004</b> | <b>\$8,718,426</b>   | <b>\$427,895</b>           | <b>\$8,290,530</b>         |

**2008 Average annual cost per retiree: \$8,683.70**

*Enrollment assumptions based on census provided by RCSD*

# 2008 Estimated Cost Analysis

## Retired over 65 :

| Post 65 Retired Employees | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
|---------------------------|-------------|----------------------|----------------------------|----------------------------|
| ASAR                      | 74          | \$161,728            | \$80,412                   | \$81,317                   |
| BENTE                     | 330         | \$460,869            | \$112,065                  | \$348,805                  |
| Home Hospital Teachers    | 8           | \$7,826              | \$0                        | \$7,826                    |
| Miscellaneous             | 37          | \$40,660             | \$4,063                    | \$36,597                   |
| Mid Level Manager         | 12          | \$16,363             | \$4,063                    | \$12,299                   |
| None-DP                   | 1190        | \$2,366,139          | \$1,112,923                | \$1,253,216                |
| Per Diem Sub              | 253         | \$355,535            | \$107,149                  | \$248,386                  |
| Paraprof                  | 92          | \$143,251            | \$44,056                   | \$99,196                   |
| RTA                       | 488         | \$1,000,788          | \$481,617                  | \$519,171                  |
| Superintendent            | 1           | \$997                | \$0                        | \$997                      |
| Article IV B&C            | 4           | \$12,648             | \$8,126                    | \$4,522                    |
| Exempt Certified IV A     | 10          | \$26,715             | \$3,850                    | \$22,865                   |
| <b>Total</b>              | <b>2499</b> | <b>\$4,593,520</b>   | <b>\$1,958,324</b>         | <b>\$2,635,196</b>         |

**2008 Average annual cost per retiree: \$1,838.15**

*Enrollment assumptions based on census provided by RCSD*

# 2008 Estimated Total Cost Analysis

| Active Employees  | Enrollment  | Total Annual Premium | Total Annual Employee Cost | Total Annual Employer Cost |
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| Post 65 Retired Employees | Enrollment  | Total Annual Premium  | Total Annual Employee Cost | Total Annual Employer Cost |
|---------------------------|-------------|-----------------------|----------------------------|----------------------------|
| ASAR                      | 74          | \$161,728.44          | \$80,411.52                | \$81,316.92                |
| BENTE                     | 330         | \$460,869.48          | \$112,064.64               | \$348,804.84               |
| Home Hospital Teachers    | 8           | \$7,825.80            | \$0.00                     | \$7,825.80                 |
| Miscellaneous             | 37          | \$40,660.08           | \$4,063.20                 | \$36,596.88                |
| Mid Level Manager         | 12          | \$16,362.60           | \$4,063.20                 | \$12,299.40                |
| None-DP                   | 1190        | \$2,366,138.64        | \$1,112,923.08             | \$1,253,215.56             |
| Per Diem Sub              | 253         | \$355,535.16          | \$107,148.96               | \$248,386.20               |
| Paraprof                  | 92          | \$143,251.44          | \$44,055.84                | \$99,195.60                |
| RTA                       | 488         | \$1,000,788.12        | \$481,616.64               | \$519,171.48               |
| Superintendent            | 1           | \$996.84              | \$0.00                     | \$996.84                   |
| Article IV B&C            | 4           | \$12,648.24           | \$8,126.40                 | \$4,521.84                 |
| Exempt Certified IV A     | 10          | \$26,715.12           | \$3,850.08                 | \$22,865.04                |
| <b>Total</b>              | <b>2499</b> | <b>\$4,593,519.96</b> | <b>\$1,958,323.56</b>      | <b>\$2,635,196.40</b>      |

|                   |             |                        |                       |                        |
|-------------------|-------------|------------------------|-----------------------|------------------------|
| <b>Total cost</b> | <b>8812</b> | <b>\$57,021,747.60</b> | <b>\$6,830,454.03</b> | <b>\$50,191,293.57</b> |
|-------------------|-------------|------------------------|-----------------------|------------------------|

**Total Annual Cost:  
\$57,021,747**

**Annual Employee Cost:  
\$6,830,454**

**Annual Employer Cost:  
\$50,191,293**

# Benefit Plan Considerations

## Benefit Platform

- Current HMO platform base outdated
- The current HMO pool will continue to deteriorate with adverse selection driving premium rates
- Proof is in the market – Excellus discontinuing or closing HMO plans in mass for 2008 (over 20 plans total) with more likely to follow as HMO market shrinks
- New generation plans offer better alternative for benefit strategy plan management and member satisfaction
  - Exclusive Provider Organization (EPO) and Preferred Provider Organization (PPO)

# Benefit Plan Considerations

## Benefit Platform

- Current HMO plans offered very similar across all groups
  - Core benefits across all plans similar
  - Variations between plans largely copay based
  - Range of \$15 - \$20 for PCP visits on HMOs
  - Inpatient copayments \$0-\$250 per admission
- Excellus BCBS and Preferred Care local provider networks almost identical
- Benefit plan offering strategy – “supermarket model” of late 1990’s
- Traditional Indemnity plans also old platform
  - Some limited benefit coverage
  - Very expensive in cost – questionable return in benefit value
  - RX benefit on many plans at \$5 copay

# Benefit Plan Considerations

## Financial Arrangement

### – *Community Rating*

- Set premiums on a 12 month or level premium basis
- Risk spread over large pool of local employer groups
- Carrier at risk for claims (if claims are higher for rating period, carrier can not recoup premium for difference, they will raise rates for the pool accordingly for the next rating period - no run out claim cost on termination)
- NO DATA on cost drivers for specific groups

# Benefit Plan Considerations

## Financial Arrangement

### – *Experience Rating*

- Set premiums on a group specific 12 month basis
- Carrier at risk for claims ( if claims are higher for period, carrier can not recoup premium for difference, they will raise group specific rates accordingly for the next rating period – no run out claim cost on termination )
- Built in pooling point (stop-loss) mechanism
- DATA PROVIDED on cost drivers for specific groups – this is one of the main reasons groups leave the community pool – having the tools to make benefit decisions based on actual cost drivers

# Benefit Plan Considerations

## Financial Arrangement

### – *Self-Funding*

- Pay claims as you go, size of group means predictable risk
- No carrier margins, group specific trend – just your own claim dollars
- DATA PROVIDED on cost drivers for specific groups – this is one of the main reasons groups leave the community pool – having the tools to make benefit decisions based on actual cost drivers
- Stop-Loss protects against large claim impact
- Group pays run-out claims if change of administrator / carrier
- Plan design flexibility
  - No state mandates
  - Carrier can not “mandate” changes (your plan)
- Cash Flow Advantage and the ability to hold reserves

# Medical Plan Observations

- ✓ **Plan Features:** Current HMO plans are quickly becoming outdated as benefit plans move to more current platforms (EPO or PPO). The Rochester City School District should explore alternative benefit platforms.
  
- ✓ **Enable Change:**
  - ✓ Within the organization through education and communication.
  - ✓ Reinforce how employees are using or not using the plans today, the reality of actual cost, the financial investment of the RCSD and the importance of changing behavior.
  
- ✓ **Alternative Funding Research:** Given the current condition of the community and the trend of plan design adjustments, the Rochester City School District should consider alternative funding options.

**Thank You**

**QUESTIONS?**

# Disclosure

## DISCLOSURE

The analysis of the following plans is a summary. Please refer to the contract and plan description for a full list of coverages and exclusions.

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**Carriers represented in this presentation are: Preferred Care AM Best Rating B+ and Excellus BlueCross Blue Shield AM Best Rating A-.**

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