



GEORGIA DEPARTMENT  
OF COMMUNITY HEALTH

# Mental Health and Substance Abuse



Office of Planning and Fiscal Analysis  
Decision Support Unit

Date: April 26, 2012

# Mental Health/Substance Abuse (MHSA)

## Defined:

- This analysis includes claims incurred Fiscal Year 2011; paid through February 2012
- This analysis includes both the CMO and FFS populations
- MHSA population defined as members with a primary diagnosis of:
  - Psychoses (ICD-9 codes: 290 – 299)
  - Anxiety Disorders/Personality Disorders (ICD-9 codes: 300 – 316)
    - Substance Abuse Subcategory (ICD-9 codes: 303 – 305)
  - Intellectual Disabilities (ICD-9 codes: 317 – 319)

\*Members were assigned to each group CMO v. FFS by their last eligibility assignment of the fiscal year

***Disclaimer: The data included in these slides represents all Medicaid claims submitted with a behavioral health or intellectual disability diagnosis. It does not narrow the claims to what might be considered the seriously and persistently mentally ill population, but rather portrays all claims submitted with one or more of the targeted diagnoses regardless of service(s) billed. Thus, the data represents a wide sweep of Georgia Medicaid members whose service provider is using a BH and/or ID diagnosis to represent the member's overall condition.***

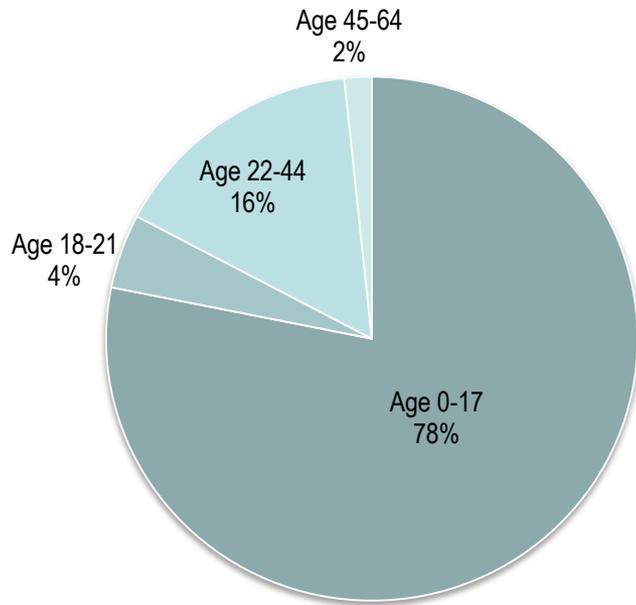
# Who are the MHSA population?

| Aid Category Group           | Unique Members | Average Monthly Members | Average Annual Enrollment (months) |
|------------------------------|----------------|-------------------------|------------------------------------|
| Blind and Disabled           | 94,787         | 88,986                  | 11.3                               |
| RSM Child                    | 82,815         | 63,897                  | 9.3                                |
| LIM Child                    | 43,619         | 32,822                  | 9                                  |
| PeachCare                    | 31,786         | 25,246                  | 9.5                                |
| LIM Adult                    | 28,160         | 21,955                  | 9.4                                |
| Foster Care and Adoptions    | 16,493         | 13,051                  | 9.5                                |
| Aged                         | 14,800         | 12,542                  | 10.2                               |
| QMB                          | 11,725         | 10,032                  | 10.3                               |
| RSM Mother                   | 7,376          | 3,814                   | 6.2                                |
| Katie Beckett                | 1,848          | 1,683                   | 10.9                               |
| Medicare                     | 1,562          | 876                     | 6.7                                |
| Medically Needy              | 1,440          | 599                     | 5                                  |
| Breast and Cervical Cancer   | 759            | 593                     | 9.4                                |
| Refugee                      | 146            | 64                      | 5.2                                |
| Planning for Healthy Babies  | 108            | 15                      | 1.6                                |
| <b>Total MHSA Population</b> | <b>301,295</b> | <b>276,175</b>          | <b>10.9</b>                        |



# Who are the CMO MHSA population and what do they cost?

Children age 0-17 account for the largest portion of this population at 78%. In comparison, this age group represents 63% of the total Medicaid CMO/FFS population.

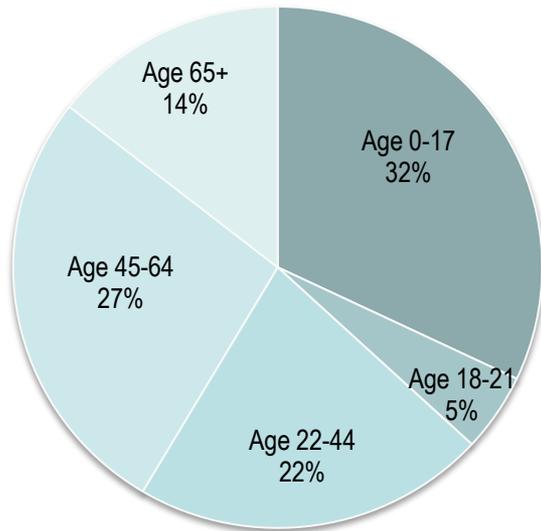


| Average Monthly Members | Total Cost of Coverage* | Average PMPY |
|-------------------------|-------------------------|--------------|
| 140,374                 | \$371,589,881.35        | \$2,647.14   |

On average, CMO MHSA members cost \$2,647 in FY2011 for all Medicaid services. Their MHSA specific cost (MHSA DX only) totaled \$121,716,672.74 \*, which results in an average annual MHSA cost of \$867.09 \*.

# Who are the FFS MHSA population and what do they cost?

Children age 0-17 account for the largest portion of this population at 32%. Most of them gain Medicaid eligibility due to disability and/or foster care status.

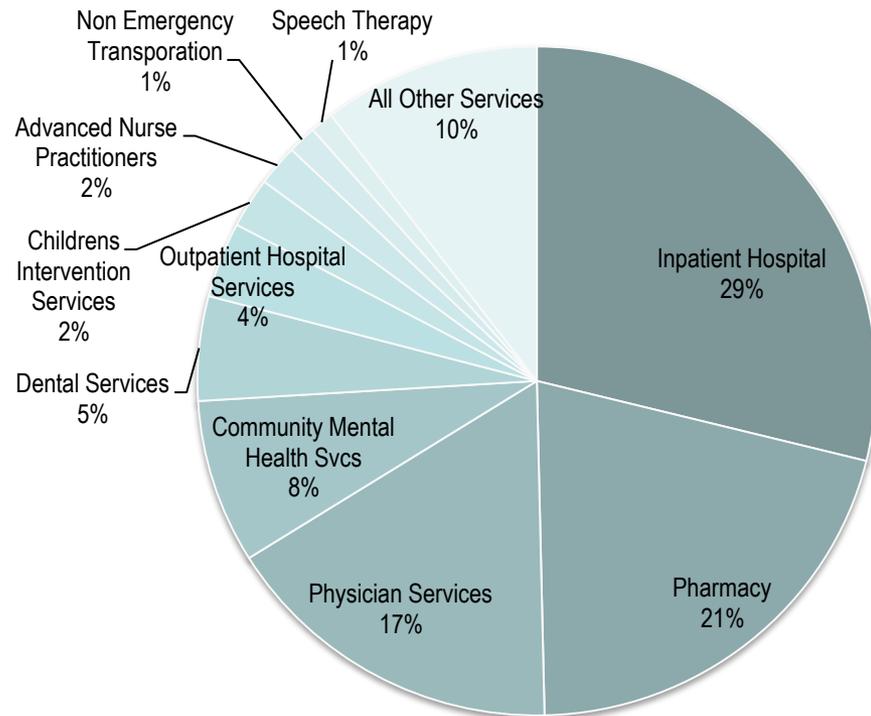


| Average Monthly Members | Total Cost of Coverage* | Average PMPY |
|-------------------------|-------------------------|--------------|
| 135,801                 | \$ 2,140,783,071.29     | \$15,764.12  |

On average, FFS MHSA members cost \$15,764 in FY2011 for all Medicaid services. Their MHSA specific cost (MHSA DX only) totaled \$877,645,029.92\*, which results in an average annual MHSA cost of \$6,462.73\*.

# What services did the CMO MHSA population receive?

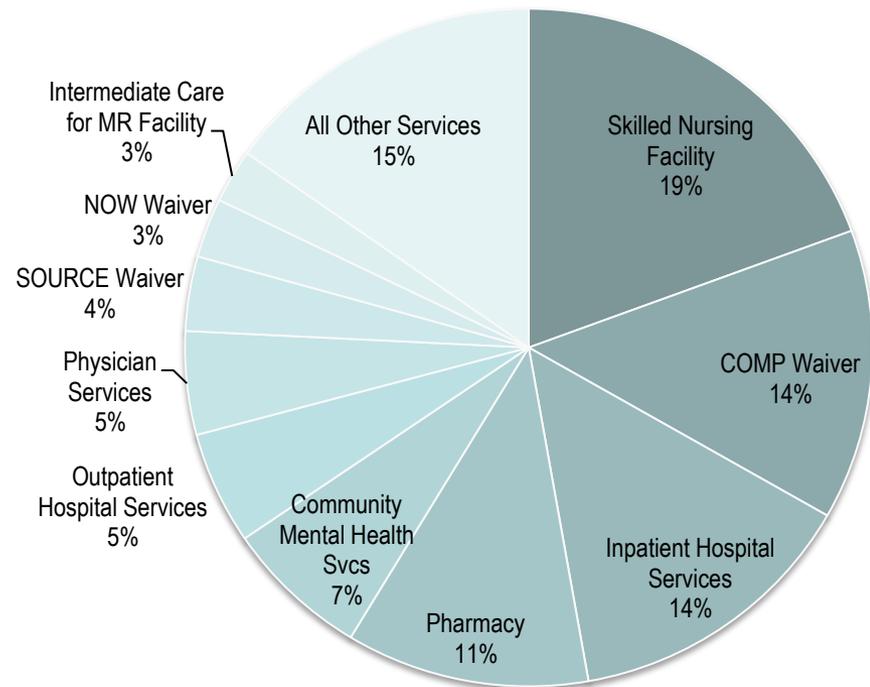
The top 10 categories of service for the CMO MHSA population account for 90% of the total with Inpatient Hospital and Pharmacy Services accounting for over 50% of the total cost\*.



\*Total cost derived using net payment and CMO plan paid amount for encounter claims.

# What services did the FFS MHSA population receive?

The top 10 categories of service for the FFS MHSA population account for 85% of the total with Nursing Facility and Waiver services accounting for 42% of the total cost\*.



\*Total cost derived using net payment and CMO plan paid amount for encounter claims.

# What is driving Pharmacy for MHSA CMO?

The top 5 individual drugs for the MHSA CMO population by prescription count are:

- Concerta (MHSA)
- Hydrocodone (Pain)
- Amoxicillin (Infections)
- Adderall (MHSA)
- Clonidine (MHSA)

| Therapeutic Class               | Prescription Count | Total Cost       | Cost / Script |
|---------------------------------|--------------------|------------------|---------------|
| Stimulant, Amphetamine Type     | 385,484            | \$110,941,358.95 | \$ 287.80     |
| Psychother, Antidepressants     | 171,441            | \$ 49,104,213.35 | \$ 286.42     |
| Analg/Antipyr, Opiate Agonists  | 138,460            | \$ 2,629,075.10  | \$ 18.99      |
| Antihistamines & Comb, NEC      | 111,783            | \$ 1,408,111.12  | \$ 12.60      |
| Antibiot, Penicillins           | 87,219             | \$ 969,720.97    | \$ 11.12      |
| Hypotensive Agents, NEC         | 77,051             | \$ 1,312,478.64  | \$ 17.03      |
| Sympathomimetic Agents, NEC     | 73,753             | \$ 794,086.59    | \$ 10.77      |
| Adrenals & Comb, NEC            | 69,504             | \$ 2,710,117.31  | \$ 38.99      |
| Analg/Antipyr,Nonstr/Antiinflm  | 65,875             | \$ 5,557,815.81  | \$ 84.37      |
| Psychother,Tranq/Antipsychotic  | 65,393             | \$ 477,892.06    | \$ 7.31       |
| Anticonvulsants, Misc           | 64,060             | \$ 10,320,523.23 | \$ 161.11     |
| ASH, Benzodiazepines            | 52,722             | \$ 2,084,353.60  | \$ 39.53      |
| Antibiot, Erythromycin&Macrolid | 43,174             | \$ 417,657.98    | \$ 9.67       |
| Cough/Cough/Cold Comb, NEC      | 42,604             | \$ 739,093.45    | \$ 17.35      |
| Antiinflam Agents EENT, NEC     | 42,067             | \$ 511,522.79    | \$ 12.16      |
| Muscle Relax, Skeletal Central  | 39,443             | \$ 1,570,568.13  | \$ 39.82      |
| Anxiolytic/Sedative/Hypnot NEC  | 38,838             | \$ 241,167.82    | \$ 6.21       |
| Antibiot, Cephalosporin & Rel.  | 32,148             | \$ 322,663.87    | \$ 10.04      |
| Antiinflam S/MM Agnts&Comb NEC  | 30,299             | \$ 896,853.85    | \$ 29.60      |
| Contraceptive, Oral Comb, NEC   | 26,433             | \$ 3,648,214.98  | \$ 138.02     |
| Analgesics/Antipyretics, NEC    | 25,358             | \$ 775,895.54    | \$ 30.60      |
| Histamine (H2) Antagonist, NEC  | 23,502             | \$ 295,566.08    | \$ 12.58      |
| Gastrointestinal Drug Misc,NEC  | 22,591             | \$ 157,671.26    | \$ 6.98       |
| Antiemetics, NEC                | 22,022             | \$ 959,104.25    | \$ 43.55      |
| Anticonvulsant, Benzodiazepine  | 20,417             | \$ 420,656.72    | \$ 20.60      |



# What is driving Pharmacy for MHSA FFS?

The top 5 individual drugs for the MHSA FFS population by prescription count are:

- Hydrocodone (Pain)
- Risperidone (MHSA)
- Alprazolam (MHSA)
- Seroquel (MHSA)
- Clonazepam (MHSA)

| Therapeutic Class               | Prescription Count | Total Cost      | Cost / Script |
|---------------------------------|--------------------|-----------------|---------------|
| Psychother, Tranq/Antipsychotic | 301,690            | \$78,858,356.86 | \$ 261.39     |
| Psychother, Antidepressants     | 294,941            | \$ 7,750,663.06 | \$ 26.28      |
| Anticonvulsants, Misc           | 211,952            | \$14,962,317.89 | \$ 70.59      |
| Analg/Antipyr, Opiate Agonists  | 191,412            | \$ 5,508,779.43 | \$ 28.78      |
| Stimulant, Amphetamine Type     | 173,470            | \$24,116,162.03 | \$ 139.02     |
| ASH, Benzodiazepines            | 152,350            | \$ 2,232,542.03 | \$ 14.65      |
| Antihistamines & Comb, NEC      | 116,059            | \$ 1,183,182.30 | \$ 10.19      |
| Antihyperlipidemic Drugs, NEC   | 91,816             | \$ 3,113,062.12 | \$ 33.91      |
| Sympathomimetic Agents, NEC     | 84,168             | \$ 4,525,705.02 | \$ 53.77      |
| Hypotensive Agents, NEC         | 78,910             | \$ 1,315,792.25 | \$ 16.67      |
| Histamine (H2) Antagonist, NEC  | 76,259             | \$ 875,410.36   | \$ 11.48      |
| Adrenals & Comb, NEC            | 71,342             | \$ 8,522,554.27 | \$ 119.46     |
| Anticonvulsant, Benzodiazepine  | 68,766             | \$ 420,549.35   | \$ 6.12       |
| Cardiac, ACE Inhibitors         | 67,958             | \$ 454,941.80   | \$ 6.69       |
| Muscle Relax, Skeletal Central  | 67,438             | \$ 944,376.93   | \$ 14.00      |
| Anxiolytic/Sedative/Hypnot NEC  | 66,298             | \$ 761,691.45   | \$ 11.49      |
| Analg/Antipyr, Nonstr/Antiinflm | 64,986             | \$ 711,685.04   | \$ 10.95      |
| Cardiac, Beta Blockers          | 59,881             | \$ 667,730.25   | \$ 11.15      |
| Cardiac, Calcium Channel        | 47,345             | \$ 1,277,215.63 | \$ 26.98      |
| Antibiot, Penicillins           | 45,451             | \$ 884,787.60   | \$ 19.47      |
| Antichol/Antiparkinsonian Agnt  | 43,499             | \$ 298,599.87   | \$ 6.86       |
| Antidiabetic Agents, Misc       | 43,410             | \$ 2,801,651.02 | \$ 64.54      |
| Antiinflam Agents EENT, NEC     | 35,983             | \$ 1,584,390.47 | \$ 44.03      |
| Analgesics/Antipyretics, NEC    | 34,801             | \$ 327,662.79   | \$ 9.42       |
| Thy/Antithy, Thyroid/Hormones   | 34,000             | \$ 317,568.99   | \$ 9.34       |



# MHSA Population Utilization Overview

**CMO Average Monthly Members** | 140,374

| Measure                 | ER Visits | Office Visits | Prescriptions |
|-------------------------|-----------|---------------|---------------|
| <b>Total Number</b>     | 157,236   | 615,592       | 2,233,733     |
| <b>Average / Member</b> | 1.12      | 4.39          | 15.9          |

**FFS Average Monthly Members** | 135,801

| Measure                 | ER Visits | Office Visits | Prescriptions |
|-------------------------|-----------|---------------|---------------|
| <b>Total Number</b>     | 241,435   | 647,267       | 3,406,921     |
| <b>Average / Member</b> | 1.78      | 4.77          | 25.09         |

\*ER Visits defined as claims with revenue codes 0450 – 0459

\*Office Visits defined as claims with E&M procedure codes 99201 – 99215

# MHSA Population and Co – Morbid Conditions

| MHSA CMO Population                | MHSA FFS Population            |
|------------------------------------|--------------------------------|
| Refraction Disorders               | Respiratory and Chest Symptoms |
| Respiratory and Chest Symptoms     | Hypertension                   |
| Symptoms of the Abdomen            | Diabetes                       |
| Acute Pharyngitis                  | Back Disorders                 |
| Acute Upper Respiratory Infections | Joint Disorders                |

