

Missouri Department of Social Services
Medicaid Fee-for-Service
Access Monitoring Plan

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Recently adopted federal rules at 42 C.F.R. §§447.203-204 (the Access Rule) set forth a transparent, data driven procedural process for States to demonstrate that the States' Medicaid fee-for-service payments comply with the access standards in Section 1902(a)(30)(A) of the Social Security Act (the Act). Pursuant to the Act, States are to define methods and procedures to assure that payments to providers are "sufficient to enlist enough providers so that care and services are available under the plan at least to the extent that such care and services are available to the general population in the geographic area."

Among other requirements in the Access Rule, the States are to develop "a medical assistance access review plan" to review participant access to certain Medicaid services.¹ The Access Rule applies to fee-for-service (FFS) payments and does not apply to the managed care organization payments to providers.

In part, the Access rule requires:

- State Medicaid programs, including Missouri's Medicaid Program, MO HealthNet, must submit an initial FFS Access Monitoring Review Plan (Review Plan).
- States must submit subsequent FFS Review Plan by October 1, 2019, and every three years thereafter.
- The FFS Review Plan must analyze certain categories of services for sufficient access under a state-established methodology.
- A FFS Review Plan may be needed when States submit state plan amendments (SPAs) reducing or restructuring rates, which includes an analysis of the current level of access, the expected SPA impact on access, and information and concerns shared by stakeholders.
- States must establish or maintain ongoing means for providers and participants to provide input related to access to care issues or concerns.

The MO HealthNet Division (MHD) compiled this initial Review Plan to report on the existing FFS access to care and service payment rates based on existing or currently available information. Consistent with CMS guidance, MHD will continue to develop more sophisticated analysis over time to review and monitor adequacy, including:

- 1) the extent to which beneficiary needs are fully met;
- 2) the availability of care through enrolled providers to beneficiaries in each geographic area, by provider type and site of service;
- 3) changes in beneficiary utilization of covered services in each geographic area;
- 4) the characteristics of the beneficiary population; and
- 5) actual or estimated levels of provider payment available from other payers, including other public and private payers, by provider type and site of service.

¹ 42 C.F.R. 447.203(b)

The draft plan was published for public comment on December 16, 2016, on the MO HealthNet Division's (MHD) website under Alerts and Notifications on www.dss.mo.gov/mhd.

The MHD received one comment from one entity. The MHD considered and responded to the public comment received. The MHD updated the plan from the comments received.

The Missouri Psychological Association (MOPA) shared comments regarding participants accessing behavioral health care services. The comments were considered and analyzed for updates to the access plan. The updated information has been incorporated into the applicable Behavioral Health Section reflecting updated information based on the public comment. The MHD has updated the utilization rates for Psychologists. The Utilization rates for Psychologists, Licensed Clinical Social Workers (LCSWs), and Licensed Professional Counselors (LPCs) was incorporated in the Data to Assess Access: Fee for Service Utilization Review section. Additionally, the plan reflects the travel distance for Psychology in Urban County 10 miles/Basic County 20 miles/Rural County 30 miles incorporated in the Data to Assess: Fee-for-Service Network Access Report section.

Overview of the MO HealthNet, Missouri Medicaid Program

MO HealthNet utilizes multiple delivery and reimbursement models, including traditional fee-for-service and HMO-styled managed care. To determine which program a participant takes part in depends on a number of factors including the participant's eligibility group, where the participant lives and the services needed.

Fee-for-service physician related programs

The goal of the physician's program, including primary care and physician specialist services, is to provide access to proper health care in the appropriate setting and to improve the general health and well-being of MO HealthNet participants.

The physician's program funds physician-related services provided to fee-for-service MO HealthNet participants. Services are provided by physicians, advanced practitioners, nurses/technicians, and certain behavioral health providers at various locations. The physician-related program comprises 8.79% of the total Medicaid program dollars. As of June 2016, there were 39,428 physician-related

providers enrolled in MO HealthNet. In FY 2016, approximately 65% of physician-related services were paid to clinics, rural health clinics, and federally qualified health clinics.

PLEASE NOTE: In the MO HealthNet fee-for-service program, behavioral health services are appropriated, in part, via the Physician's program line and therefore the reporting of behavioral health and physician's service rate reimbursement is sometimes blended. MO HealthNet will work to refine existing reporting tools to the extent possible, to more clearly separate and isolate behavioral health service costs, rates and network impact consistent with the requirements in the Access Rule.

Physician-related services include diagnostic, therapeutic, rehabilitative, or palliative care; lab and x-ray; family planning; and behavioral health.

The following services are limited to certain MO HealthNet participants:

- Early Periodic Screening Diagnosis and Treatment (EPSDT);
- Health Home coordination for individuals with chronic conditions;
- Asthma education and in-home environmental assessments; and
- Applied behavioral analysis.

EPSDT

The Early Periodic Screening Diagnosis Treatment program (or Healthy Children and Youth program) provides primary and preventative services to MO HealthNet participants who are infants, children, and youth under the age of 21 years. To ensure a child's health, a primary care provider is designated to manage a coordinated, comprehensive, continuous health care program to address the child's primary health care needs. Full, partial, and inter-periodic health screenings; medical and dental examinations; immunizations; and any medically-necessary treatment to correct or improve defects and chronic conditions found during the screening are considered EPSDT benefits.

Health Homes

Section 2703 of the ACA gives MO HealthNet the option to pay providers to coordinate care through a "health home" for individuals with chronic conditions. A team of health care professionals acting as a health home may include physicians and other professionals such as a nurse care manager, care

coordinator, behavioral health consultant, nutritionist, or social worker. A health home may be a freestanding practice or a practice based at a hospital or other facility. Health home services include comprehensive care management, care coordination and health promotion, comprehensive transitional care from inpatient to other settings, patient and family support, and referral to community and social support services. Health homes are required to use "health information technology" to link services.

MO HealthNet, in conjunction with the Department of Mental Health, currently operates two health home programs:

1. Primary Care Health Home for participants diagnosed with two chronic conditions or diagnosed with one chronic condition and at-risk for development of a second
2. Community Mental Health Center (CMHC) Health Home for participants with a serious and persistent mental illness, serious emotional disorder, or substance use disorder.

Clinical care management per member per month (PMPM) payments are made for the reimbursement of required contracted services and the cost of staff primarily responsible for delivery of these specified health home services that are not covered by other MO HealthNet reimbursement methodologies.

Asthma Educators and In-home Environmental Assessors

Pediatric MO HealthNet participants with a primary diagnosis of asthma who meet specific criteria indicating uncontrolled asthma may receive up to two asthma education services and two in-home environmental assessments per year.

Applied Behavior Analysis

Applied behavior analysis (ABA) services are covered for individuals under age 21 who have a diagnosis of Autism Spectrum Disorder. ABA services are provided by licensed behavior analysts, ABA qualified licensed psychologists, and licensed assistant behavior analysts. All ABA services require precertification.

MO HealthNet Physician-related Provider Types

The MO HealthNet fee-for-service program utilizes a number of different physician related provider types in its program, including:

- Physicians and Podiatrists
- Advanced Practitioners
- Advanced Practice Registered Nurses (APRN) or Nurse Practitioners (NP)
- Nurse Midwives
- Physician Assistants (PA)
- Assistant Physicians (AP) once licensed by the Board of Healing Arts
- Certified Registered Nurse Anesthetists (CRNA) and Anesthesiologists Assistants (AA)
- Behavioral health providers:
 - Psychiatrists
 - Psychologists, included provisional licensees
 - Licensed professional counselors (LPC), including provisional licensees
 - Licensed clinical social workers (LCSW), including provisional licensees
 - Licensed behavior analysts

Services may be billed by physicians, certain advanced practitioners, or behavioral health providers OR on behalf of professional services provided at the following locations:

- Clinics
- Rural health clinics (RHC)
- Federally qualified health centers (FQHC)
- Ambulatory surgical centers (ASC)
- Lab and x-ray facilities
- Independent diagnostic testing facilities
- Participant's home
- Hospital (Inpatient and Outpatient settings)
- Nursing facilities

Physicians

Physicians, including medical doctors and doctors of osteopathy, enrolled in the MO HealthNet program are identified by the specialty of medicine they practice. Specialties include: allergy immunology; anesthesiology; cardiology; dermatology; emergency medicine; family practice; general practice; general surgery; internal medicine; laryngology; nuclear medicine; neurological surgery; obstetrics/gynecology; ophthalmology; otology; otolaryngology; orthopedic surgery; pathology; pediatrics; physical medicine and rehabilitation; plastic surgery; preventive medicine; proctology; psychiatry; neurology; radiation therapy; radiology; rectal and colon surgery; rehabilitative medicine; rhinology; thoracic surgery; and urology.

Podiatrists

Podiatrists provide medical, surgical, and mechanical services for the foot or any area not above the ankle joint. However, the following podiatry services are not covered for adults (except pregnant women, the blind, or nursing facility residents): trimming of non-dystrophic nails; debridement of one to five nails by any method; debridement of six or more nails by any method; partial or complete excision of the nail and nail matrix; and strapping of the ankle and/or foot.

Advanced Practice Registered Nurses and Nurse Practitioners

An advanced practice registered nurse (APRN) or nurse practitioner (NP) is one who has education beyond the basic nursing education and is certified by a nationally recognized professional organization as having a nursing specialty, or who meets criteria for advanced practice nurses established by the Missouri Board of Nursing. Numerous specialties are recognized such as family, gerontology, clinical, obstetrics/GYN, neonatal, mental health, and certified registered nurse anesthetists. APRNs and NPs must enter into a collaborative practice agreement with a physician. Such a collaborative practice agreement may authorize APRNs and NPs to prescribe certain medications. APRNs and NPs are generally employed by physicians, but are not required to be employed by physicians.

Nurse Midwives

Nurse midwife services are those services related to the management and provision of care to a pregnant woman and her unborn/newborn infant by a certified nurse midwife. These services may be provided throughout the maternity cycle which includes pregnancy, labor and delivery and the initial postpartum period not to exceed six weeks. Covered services include antepartum care, delivery, postpartum care, newborn care, office visits, laboratory services and other services within the scope of practice of a nurse midwife. Nurse midwives may also provide care outside of the maternity cycle such as family planning, counseling, birth control techniques and well-woman gynecological care including routine pap smears and breast examinations (Section 13605, OBRA 93). Nurse midwife services may also include services to the newborn, age 0 through 2 months, and any other MO HealthNet eligible female, age 15 and over.

Certified Registered Nurse Anesthetists and Anesthesiologist Assistants

A Certified Registered Nurse Anesthetist (CRNA) introduces and manages substances into the body by external or internal means that cause a loss of sensation with or without loss of consciousness. To serve MO HealthNet participants, a CRNA must hold a valid current license as an advanced practice registered nurse (APRN) or nurse practitioner (NP) in the state of Missouri and be currently certified by the Council on Certification of Nurse Anesthetists.

An Anesthesiologist Assistant (AA) works under the supervision of a licensed anesthesiologist and provides anesthesia services and related care. An AA can only practice under the direct supervision of an anesthesiologist who is physically present or immediately available and must be licensed by the Missouri Board of Healing Arts. A supervising anesthesiologist shall be allowed to supervise up to four AAs concurrently, consistent with 42 CFR 415.110. An AA and a CRNA are not allowed to bill for the same anesthesia service.

Behavioral Health Providers

MO HealthNet provides various behavioral health services including psychiatric diagnostic evaluations, individual psychotherapy, group psychotherapy, family psychotherapy, psychological testing, smoking behavioral change, Health and Behavior Assessment and Intervention, and crisis psychotherapy. The following providers are authorized to serve MO HealthNet eligible children under the age of 21:

- Psychiatrists
- Licensed Psychologists (including provisional licensees)
- Licensed Clinical Social Workers (including provisional licensees)
- Licensed professional counselors (including provisional licensees)

The following providers are authorized to serve MO HealthNet eligible adults:

- Psychiatrists
- Licensed Psychologists (including provisional licensees)
- Licensed Clinical Social Workers (including provisional licensees) only if the service is provided in an FQHC or RHC

Services provided by licensed professional counselors to adults in any setting are not reimbursable.

Clinic

Clinics offer preventive, diagnostic, therapeutic, rehabilitative or palliative services that are furnished by a facility that are not part of a hospital but are organized and operated to provide medical care to outpatients. Services furnished to outpatients include those furnished at the clinic by, or under the direction of, a physician and those services furnished outside the clinic by clinic personnel under the direction of a physician.

Lab & X-Ray

Laboratory and x-ray facilities provide examination and radiology services under the physician program. Laboratories perform examinations of body fluids, tissues or organs by the use of various methods employing specialized equipment such as electron microscopes and radio-immunoassay. A clinical laboratory is a laboratory where microbiological, serological, chemical, hematological, radio bioassay, cytological, immunohematological or pathological examinations are performed on material derived from the human body to provide information for the diagnosis, prevention or treatment of a disease or assessment of a medical condition. Operations of a laboratory are generally directed by a pathologist.

X-ray facilities offer radiological services in which x-rays or rays from radioactive substances are used for diagnostic or therapeutic purposes. Such services include, but are not limited to, radium therapy; radioisotopes for diagnostic or therapeutic purposes (e.g., in nuclear medicine); diagnostic tests such as aortograms, pyelograms, myelograms, arteriograms and ventriculograms; imaging services; x-rays; and diagnostic ultra-sounds. These operations are generally directed by a radiologist.

Independent Diagnostic Testing Facility (IDTF)

These providers are independent of a hospital or a physician's office and offer medically necessary diagnostic tests. The IDTF may be a fixed location or a mobile entity. An IDTF must have one or more supervising physicians who are responsible for the direct and ongoing oversight of the quality of the testing performed, the proper operation and calibration of the equipment used to perform tests, and the qualification of non-physician personnel who use the equipment.

Ambulatory Surgical Center (ASC)

An Ambulatory Surgical Center (ASC) is a free-standing facility functioning as an independent business and administrative entity which maintains neither a physical nor a fiscal relationship to a hospital. An ASC is a facility designed, staffed, equipped, and operated for the primary purpose of providing surgical services. It is neither staffed nor equipped to provide overnight care to patients.

Rural Health Clinics (RHC)

The Rural Health Clinic Services Act of 1977, designating rural health clinics as health care providers, extended benefits to cover health care services to under-served rural areas where access to traditional physician care had been difficult. In those areas, specifically trained practitioners furnish the health care services needed by the community. Rural health clinics must be located in a rural area that is designated a shortage area for primary care. To be eligible for this designation, a clinic must be located in an area not identified as "urbanized" by the Bureau of the Census and designated as a shortage or under-served area. RHCs must meet the additional staffing and health and safety requirements set forth by the Rural Health Clinic Services Act; be certified by the Public Health Service; be certified for participation in Medicare; and be enrolled as a MO HealthNet provider.

An RHC must be designated as either an independent or a provider-based RHC.

- Provider-based RHC: must be an integral and subordinate part of a hospital, skilled nursing facility, or home health agency and under common licensure, governance, and professional supervision with its parent provider.
- Independent RHC: has no financial, organizational or administrative connection to a hospital, skilled nursing facility or home health agency.

Federally Qualified Health Clinic (FQHC)

The Omnibus Budget Reconciliation Acts of 1989 (OBRA 89) and 1990 (OBRA 90) designates certain community-based health care organizations as unique health care providers called Federally Qualified Health Centers. These laws establish health care services that MO HealthNet and Medicare must cover in an FQHC. The federal laws also set the reimbursement at reasonable cost to the FQHC for such

services. In order to qualify for FQHC status, a facility must receive or be eligible for a grant under Section 329, 330 or 340 of the Public Health Service Act; meet the requirements for receiving such a grant; or have been a Federally Funded Health Center as of January 1, 1990.

The FQHC program has two goals:

1. To provide adequate reimbursement to community-based primary health care organizations (FQHCs) so that they, in turn, may better serve a large number of MO HealthNet participants and/or provide more services, thus improving access to primary care.
2. To enable FQHCs to use other resources previously subsidizing MO HealthNet to serve uninsured individuals who, although not eligible for MO HealthNet, have a difficult time obtaining primary care because of economic or geographic barriers.

Reimbursement Methodology

The majority of services provided by physician-related professionals are reimbursed on a fee schedule although a few services are reimbursed manually, whereby each procedure or claim is priced individually by a medical consultant based on the unique circumstances of the case. Certain procedures are only reimbursable with prior approval.

Services rendered by someone other than a physician or podiatrist, including appropriate supplies, are billable by the physician only where there is direct personal supervision by the physician. This applies to services rendered by auxiliary personnel employed by the physician and working under his/her on-site supervision such as nurses, non-physician anesthetists (including Certified Registered Nurse Anesthetists and Anesthesiologist Assistants), technicians, and other aides.

The following advanced practitioners can bill MO HealthNet independently from a physician, but must still operate within the terms of their collaborative practice arrangement with the physician:

- Advanced Practice Registered Nurses (APRN) and Nurse Practitioners (NP),
- Nurse Midwives,
- Physician Assistants (PA), and
- Assistant Physicians (AP) once licensed by the Board of Healing Arts.

The services of physicians, podiatrists, advanced practitioners, and behavioral health providers may be administered in multiple settings including the physician's office, the participant's home (or other place of residence such as a nursing facility), the hospital (inpatient/outpatient) or settings such as a medical clinic or ambulatory surgical care facility. The services of a nurse midwife may also be administered in the home of the participant (delivery and newborn care only) or a birthing center.

MO HealthNet reimbursement may also be made directly to the facility which employs the health care professionals. Facilities which receive direct payment from the physician-related services program include clinics, laboratory and x-ray facilities, independent diagnostic testing facilities (IDTF), rural health clinics (RHC), and federally qualified health clinics (FQHC, and hospitals (inpatient and outpatient). Each provider offering health care services through the facility, in addition to being employed by the

participating clinic, must be a MO HealthNet provider. Ambulatory surgical centers are also reimbursed for a facility fee which does not include professional services of the performing practitioner.

Federally Qualified Health Centers (FQHCs) and Rural Health Clinics (RHCs)

The reimbursement methodology for RHCs and FQHCs is different than other physician-related services.

FQHCs are reimbursed on an interim basis at a specified percentage of the billed MO HealthNet FQHC covered charges. For dates of service prior to January 1, 2016, FQHC services were reimbursed at 97% of the covered charges and for dates of service beginning January 1, 2016 FQHC service are reimbursed at 92% of the covered charges. Fee-for-service claims are submitted to MO HealthNet Division (MHD) and are paid at the applicable interim percentage. FQHCs that are contracted with MO HealthNet Managed Care health plans also receive payments from the health plan. For dates of service prior to July 1, 2015, FQHCs that were contracted with the health plans were paid a rate negotiated with the health plan and for dates of service beginning July 1, 2015, health plans are required to pay 90% of covered charges. An FQHC contracted with a health plan may submit a request to MHD for a supplemental interim payment for the difference between the health plan payment and the applicable interim payment percentage. Beginning January 1, 2016, these requests may only be submitted on a quarterly basis. An annual audit of the MO HealthNet cost report is performed by the Institutional Reimbursement Unit (IRU) to determine reasonable costs. A settlement is made to adjust the reimbursement to 100% of the reasonable costs to provide MO HealthNet FQHC covered services.

Hospital-based, or provider based, RHCs (PBRHCs) are reimbursed on an interim basis at the lower of 100% of their usual and customary charges or their cost-to-charge ratio. For dates of service beginning July 1, 2015, PBRHCs that are contracted with MO HealthNet Managed Care health plans are to be reimbursed by the health plan at 90% of covered charges. For dates of service prior to July 1, 2015, PBRHCs that were contracted with health plans were paid a rate negotiated with the health plan. A PBRHC contracted with a health plan may submit a request to MHD for a supplemental interim payment for the difference between the health plan payment and the applicable interim payment percentage. Beginning January 1, 2016, these requests may only be submitted on a quarterly basis. An annual review of the finalized Medicare cost report is done by the IRU to determine reasonable costs. A settlement is made to adjust the reimbursement to 100% of the reasonable costs to provide MO HealthNet PBRHC covered services. The RHCs that are based in skilled nursing facilities and home health

agencies are reimbursed their usual and customary charges multiplied by the lower of the Medicare RHC rate or the rate approved by the MO HealthNet Division.

An independent RHC (IRHC) has no financial, organizational or administrative connection to a hospital, skilled nursing facility or home health agency. IRHCs are reimbursed on an interim basis at 100% of their Medicare RHC rate. For dates of service beginning July 1, 2015, IRHCs that are contracted with MO HealthNet Managed Care health plans are to be reimbursed by the health plan at 90% of the Medicare RHC rate. For dates of service prior to July 1, 2015, IRHCs that were contracted with health plans were paid a rate negotiated with the health plan. An IRHC contracted with a health plan may submit a request to MHD for a supplemental interim payment for the difference between the health plan payment and the applicable interim payment percentage. Beginning January 1, 2016, these requests may only be submitted on a quarterly basis. An annual audit of the Medicare cost report is reviewed by the IRU within the MO HealthNet Division to determine reasonable costs, which is subject to a limit of the Medicare cost per visit. A settlement is made to adjust the reimbursement to 100% of the reasonable costs to provide MO HealthNet IRHC covered services.

Telehealth

Certain health professionals are also authorized to provide services through telehealth technology. The health professional receives reimbursement for services rendered according to the fee schedule. In addition, the originating site which hosts the MO HealthNet participant during the telehealth conference is eligible to receive an originating site facility fee. MHD will not reimburse the originating site fee if the distant site and originating site are within 24 miles of one another.

Copayment

A copayment, a portion of the providers' charges paid by the participant, is required on many physician related services and is determined in state regulation (13 CSR 70-4.050). According to 42 CFR Section 447.56(c)(1), MHD is required to reimburse providers a rate less any assessed co-pay. It is the responsibility of the provider to collect the copay from the participant. The copayment for a service can range between \$0.50 to \$3.00 for physician-related services; however, some services and participants are exempt from copay requirements. See additional detail below for copay exemptions.

Health Homes

Practices that are enrolled in MO HealthNet’s primary care or CMHC health home programs receive a per-member, per month (PMPM) reimbursement for each eligible health home patient enrolled in the program who receives health home services in a given month. See service information below for additional information on health homes.

Rate History

7/1/16: 2% rate increase for all physician related services.

7/1/16: 3.79% rate increase for Medicare parity for physician-related services.

1/1/16: 1% rate increase for all physician related services.

1/1/13-12/31/14: Federally funded rate increase for certain physician specialties for primary care evaluation and management and services related to immunization administration for vaccines and toxoids.

Managed Care program

The MO HealthNet Division operates an HMO-style managed care program known as MO HealthNet Managed Care. Effective May 1, 2017, statewide participation in MO HealthNet Managed Care is mandatory for the following MO HealthNet eligibility groups:

- MO HealthNet for Families - Adults and Children;
- MO HealthNet for Children;
- Refugees;
- MO HealthNet for Pregnant Women;
- Children's Health Insurance Program (CHIP);
- Children in state care and custody; and
- Show Me Healthy Babies Program (SMHB)

Those participants who receive Supplemental Security Income (SSI), meet the SSI medical disability definition, or get adoption subsidy benefits may stay in MO HealthNet Managed Care or may choose to “opt out” and receive services on a fee-for-service basis instead.

While Managed Care participants represent 47.55% of the total MO HealthNet participants, the Managed Care program comprises 18.12% of the total MO HealthNet program dollars. As of June 2016, there were 465,587 individuals enrolled in Managed Care. MHD estimates an additional 243,781

individuals will receive managed care services after May 1, 2017.

MO HealthNet Managed Care health plans contract with the state and are paid a monthly capitation payment for providing services for each enrollee. Federal Regulation 42 CFR 438-Managed Care and State Authority 208.166 require capitation payments made on behalf of managed care participants to be actuarially sound. Therefore, MO HealthNet must maintain capitation rates at a sufficient level to ensure continued health plan and provider participation.

In MO HealthNet Managed Care, enrollees receive the majority of their services through the managed care benefit. Examples of services included in the capitation payment paid to health plans are: hospital; physician; emergency medical services; EPSDT services; family planning services; dental; optical; audiology; personal care; and mental health services. Services provided on a fee-for-service basis outside of the capitation payment include: pharmacy services; transplants; school-based therapy; Department of Health and Senior Services newborn screening services; certain mental health services, including ICF/MR; community psychiatric rehabilitation services; CSTAR services; smoking cessation; and mental health services for children in the care and custody of the state.

Each MO HealthNet Managed Care participant chooses a MO HealthNet Managed Care health plan and a primary care provider from within the network of the health plan. Managed Care participants are guaranteed access to primary care and other services as needed.

MO HealthNet Managed Care health plans are required by contract to ensure that routine exams are scheduled within thirty days, urgent care within twenty-four hours, and emergency services must be available at all times. Behavioral health appointments for routine care with behavioral symptoms are required by contract to be scheduled within one week or five business days, whichever is earlier, urgent care within twenty-four hours, and after care appointments following hospitalizations must be within seven days of discharge. MO HealthNet Managed Care health plans are required by contract to ensure that children receive all EPSDT exams (complete physicals on a regular schedule), are fully immunized, and receive any medically necessary service. MO HealthNet Managed Care health plans are also required by contract to provide care management to ensure that enrollee services, especially those provided to children and pregnant women, are properly coordinated. The Division monitors

performance of the health plans and assists them with improvement.

MO HealthNet Managed Care most importantly provides the means to ensure access, manage and coordinate benefits, and monitor quality of care and outcomes while controlling costs.

Access Monitoring Review Plan

The MO HealthNet Division (MHD) currently utilizes multiple data sources and methodologies to guide state policies affecting access to Medicaid services and, as part of future enhancements to its analysis, MO HealthNet will develop additional tools to inform whether participants have sufficient access to care. These tools will provide access to a larger body of data or organize the existing data in ways which illustrate the successes or gaps in FFS service access.

Currently, MHD publishes performance and demographic summary reports to keep the public informed regarding the performance of its programs and their impact on the health of Missouri participants in the Medicaid program. Below is a list of existing reports posted on the Missouri Department of Social Services (DSS) or MO HealthNet's website, which are updated monthly, annually or semi-annually.

Quick Facts about DSS: for the MO HealthNet program, provides a county level look of the number of people enrolled for MO HealthNet services, MO HealthNet dollars spent in a given state fiscal year, the estimated federal portion of the MO HealthNet dollars spent, MO HealthNet dollars for inpatient hospital services, MO HealthNet dollars for physician services, MO HealthNet dollars for nursing home services, MO HealthNet dollars for pharmacy services, and MO HealthNet dollars for managed care payments. <http://dss.mo.gov/mis/cqfacts/2015-missouri-counties-quick-facts.pdf>

DSS Performance Management Monthly Report: The DSS Performance Management Monthly Reports (Dashboard) is a monthly publication which graphically indicates performance measures for DSS. Information contained in this publication is the best available at the time of publication for the indicated month. Because of delays in processing or pending data analysis, some data may not be updated for a given month. The latest month shown on each graph is the most current that was available at the time of publication for that month. <http://dss.mo.gov/reports/dashboards/>

Missouri Family Support Division/MO HealthNet Division Monthly Management Report: The Monthly Management Report is a monthly publication detailing information concerning the Temporary Assistance, Medicaid and Food Stamp programs administered by the Family Support Division and the MO HealthNet Division. Payment data is for informational purposes only and is not meant to provide an auditable account of expenditures. Unless otherwise indicated, information contained in this publication is intended for monthly use only. Counts of families and persons should NOT be summed from one month to the next to obtain aggregate values (3 month, 6 month, or 12 month totals etc.) as persons may receive assistance in more than one month. http://dss.mo.gov/re/fsd_mhdmr.htm

Annual Summaries for Enrollment Data: Provides MO HealthNet managed care health plan enrollment by state fiscal year. <http://dss.mo.gov/mhd/mc/pages/enroll.htm>

Data to Assess Access: Future Tools and Reports

In addition to the various initiatives that were discussed previously, the MO HealthNet Division is working to develop additional tools to assess whether there is adequate access for specific provider types as well as for those providers who provide specific services. For future analysis, the MHD will expand a “secret shopper” survey of fee-for-service primary care provider and psychiatrist offices which is currently used to monitor the managed care health plans access. The MHD will also develop the reporting capability look at capturing or monitoring the impact of tele-medicine and tele-monitoring on providing adequate care for fee-for-service participants.

The Department of Social Services, Missouri Medicaid Audit & Compliance Division (MMAC) is working on a number of initiatives in an effort to improve internal, administrative efficiencies and to improve the number of providers participating in the Missouri Medicaid program. The administrative efficiencies are intended to reduce and streamline the process of provider enrollment and re-verification which should decrease the provider’s administrative costs and consequently lessen the reasons why a provider may not participate in the Medicaid program.

Data to Assess Access: Service-Specific Analyses

Consistent with 42 CFR Section 447.203(5)(ii), MO HealthNet should analyze the following service categories:

- Primary care;
- Physician specialist;
- Behavioral health;
- Pre and post-natal obstetrics;
- Home health services

For the inaugural report regarding FFS access monitoring, MHD utilized existing resources which were previously planned or completed with sufficient time for analysis and public comment. These resources include:

- 1) Annual Provider Rate Study**
- 2) Fee-for-service Network Access Report**
- 3) Utilization Report**

In the future, MHD will work to compile such additional data points as an analysis of participant grievances, complaints and appeals and to complete a “secret shopper” appointment and access survey of primary care physicians and psychologists.

Annual Provider Rate Study

The MO HealthNet Division completes an annual review, required by state statute, of provider rates for specific types of services and provider types. MHD used utilization data obtained from the Medicaid Management Information System (MMIS) for Ambulance, Audiology, Dental, Durable Medical Equipment, Optical, Physician and Rehabilitation Center Therapy for SFY-2015. These reports identified the type of service, provider type, units paid, paid amount, procedure codes, modifiers and the pricing indicator. The MO HealthNet allowed amount for SFY-2015 for all programs was obtained from the MMIS. The Medicare allowed amount as of January 1, 2015, was also obtained from the MMIS.

Section 208.152.1(23) of the Revised Statutes of Missouri requires the MO HealthNet Division (MHD) to *annually . . . report the status of MO HealthNet provider reimbursement rates as compared to one hundred percent of the Medicare reimbursement rates and compared to the average dental reimbursement rates paid by third-party payors licensed by the state.* The MHD submitted rate studies on January 1, 2008, 2009, 2010, 2011, 2012, 2013, 2014 and 2015 and the July 2008 *Four-Year Plan to*

Reach Reimbursement Parity (also referred to as the Four-Year Plan). This study is based on state fiscal year (SFY) 2016 rates.

Methodology

Some MO HealthNet programs are not included in this report. Please see the table (below) for a detailed explanation.

MO HealthNet Program Areas Excluded from SFY-2016 Rate Study	
MO HealthNet	Rationale
Comprehensive Day Rehab	This program is unique to Missouri and valid Medicare comparisons are not available.
Federally Qualified Health Center (FQHC)	Per federal law, both Medicare and MO HealthNet reimburse FQHCs for 100% of costs. Cost settlements are based on data from audited cost reports.
Home Health	MO HealthNet reimburses on a per visit basis, while Medicare reimburses per episode of diagnosis. Valid comparisons between the two reimbursement methodologies are not possible.
Hospice	Rates are established annually by Medicare and authorized by Section 1814 (I)(1)(C)(ii) of the Social Security Act. Since MO HealthNet's reimbursement mirrors Medicare reimbursement, no adjustments are required.
Hospitals	MO HealthNet reimburses hospitals using a rate per day. Medicare reimburses hospitals through Diagnostic Related Groups (DRGs). Through the DRG system, Medicare has established set amounts to pay hospitals for each diagnosis. The reimbursement methodologies used by MO HealthNet and Medicare are different enough that no comparison is possible.
Non-Emergency Medical Transportation (NEMT)	Medicare does not cover NEMT. MO HealthNet NEMT capitated rates are paid for each participant based on a contractual arrangement with a third party vendor.
Nursing Facilities	Most nursing facility beds in Missouri are paid through the MO HealthNet program using a rate per day based on individual cost reports. Comparability to Medicare is not possible because Medicare only pays for nursing facility care in very limited circumstances and then for only a very limited time in limited amounts.
Pharmacy	MO HealthNet reimburses at the lower of Wholesale Acquisition Cost (WAC) plus 10%, the Federal Upper Limit (FUL), the Missouri Maximum Acquisition Cost (MAC) or billed charge. Medicare Part D is based on capitated rates and comparability to MO HealthNet Pharmacy is not possible.
Rural Health Center	Per federal law, both Medicare and MO HealthNet reimburse independent

MO HealthNet Program Areas Excluded from SFY-2016 Rate Study	
MO HealthNet	Rationale
(RHC)	RHCs for 100% of allowable cost per visit up to a cap established by CMS. Provider based (hospital based) RHCs are paid based on a ratio of Medicaid charges to total charges. Cost settlements are based on data from audited cost reports.
State Institutions	The reimbursement methodology for state institutions is similar to that of the MO HealthNet Hospital program.
School-Based Therapy	Services are provided for children in a school-based setting. Medicare does not reimburse for these types of services.

Comparison to MO HealthNet Rates When Medicare or Dental Rates Were Available

- When available, the current Medicare allowed amount was obtained through the MMIS.
- For Dental rates, MHD used the *2015 National Dental Advisory Service Fee Report* (Yale Wasserman, 2015). Target rates were at the 50th percentile, meaning half of dentists charge more and half charge less than the target rate. This is referred to as the Usual, Customary, and Reasonable (UCR) target throughout the report.
- Data were grouped according to the age of the participant on the date the service was provided. Children were defined as individuals under the age of 21, and adults were defined as individuals age 21 and over.
- Codes were grouped together logically for each program area. Codes not utilized in SFY-2015 were excluded from the analysis.
- The reported measures include number of codes, units of service, MHD cost, comparison group cost and the MHD cost as a percentage of the comparison group.
- The MHD cost was computed by multiplying the number of units delivered for each code by the current MO HealthNet allowed amount. This calculation was used instead of the amount paid because the amount paid may reflect adjustments made which are unrelated to the rate.
- The comparison group cost was calculated by multiplying the number of units delivered for each code by the current allowable Medicare or dental UCR.
- The percentage comparison rate was calculated by measuring the MHD cost as a percentage of the comparison group.

Analysis of MO HealthNet Rates With No Medicare Comparison

Codes were grouped into the “no Medicare comparison group” if:

- MHD reimburses the code but Medicare does not reimburse the code; or
- MHD manually prices the code and there is no valid Medicare comparison.

The amount paid in SFY-2015 for these items is reported in the tables below.



SFY 2015 Rates

Ambulance

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with Medicare Comparison *						
Children	Ground Mileage	2	328,078	\$1,148,273	\$2,408,093	48%
	Ground Transport, Services & Supplies	22	26,051	\$2,663,655	\$4,401,952	61%
	Air Mileage	4	48,543	\$121,358	\$1,434,803	8%
	Air Transport, Services & Supplies	7	822	\$898,430	\$2,805,705	32%
Adults	Ground Mileage	1	1,029,869	\$3,604,542	\$7,559,238	48%
	Ground Transport, Services & Supplies	12	63,164	\$15,301,491	\$24,213,727	63%
	Air Mileage	3	42,901	\$107,253	\$1,437,986	7%
	Air Transport, Services & Supplies	6	1,037	\$1,268,893	\$4,394,896	29%
Subtotal Codes with Medicare Comparison				\$25,113,895	\$48,656,400	52%
Codes with No Medicare Comparison						
Children	Ground Transport, Services & Supplies	4	10	\$110		
	Air Transport, Services & Supplies	4	193	\$2,790		
Adults	Ground Transport, Services & Supplies	4	71	\$750		
	Air Transport, Services & Supplies	4	599	\$8,310		
Subtotal Codes without Medicare Comparison				\$11,960		

* Represents base rates to ambulance providers.



SFY 2016 Rates

Audiology

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with Medicare Comparison						
Children	Evaluations & Testing	35	13,034	\$276,734	\$494,136	56%
Adults	Evaluations & Testing	13	1,379	\$23,344	\$45,106	52%
Subtotal Codes with Medicare Comparison				\$300,078	\$539,242	56%
Codes with No Medicare Comparison						
Children	Repairs/Replacement Parts*	19	8,315	\$73,689		
	Hearing Aids	24	328	\$219,193		
Adults	Repairs/Replacement Parts	10	473	\$7,756		
	Hearing Aids	25	672	\$163,310		
Subtotal Codes without Medicare Comparison				\$463,948		

Adult eligibility for the Audiology program is limited to blind persons, pregnant women, and nursing facility residents (including ICF/IDD).



Dental

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with UCR Comparison						
Children	Dental Services	124	340,388	\$10,734,941	\$33,541,538	32%
Adults	Dental Services	112	46,373	\$2,430,219	\$7,980,711	30%
Subtotal Codes with UCR Comparison				\$13,165,160	\$41,522,249	32%
Codes with Medicare Comparison						
Children	Dental Services	22	24,735	\$1,576,750	\$2,861,827	55%
Adults	Dental Services	23	22,142	\$1,439,841	\$2,685,195	54%
Subtotal Codes with Medicare Comparison				\$3,016,591	\$5,547,022	54%
Total Codes with UCR and Medicare Comparisons				\$16,181,751	\$47,069,271	34%
Codes with No Medicare Comparison						
Children	Dental Services	3	566	\$11,307		
Adults	Dental Services	4	8	\$145		
Subtotal Codes without Medicare Comparison				\$11,452		
Orthodontics						

MO HealthNet covers orthodontic treatment for children. The treatment must be prior authorized. The rate of reimbursement is determined by the severity of the case. MO HealthNet pays a 25% down payment, then quarterly payments for 24 months. During SFY-2015, 1,649 units were billed. MO HealthNet's cost was \$373,276.



FY 2015 Rates

Durable Medical Equipment

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost *	MHD as % of Comparison Group
Codes with Medicare Comparison						
Children	Supplies-Purchase	160	533,042	\$1,615,935	\$1,789,019	90%
	Enteral & Parenteral Therapy-Purchase	27	1,382,340	\$3,544,682	\$4,029,833	88%
	Equipment-Purchase	132	13,778	\$1,836,614	\$1,951,304	94%
	Equipment-Rental	43	14,898	\$2,564,980	\$3,376,088	76%
	Orthotic & Prosthetic-Purchase	301	18,887	\$2,787,666	\$3,883,553	72%
	Repairs	80	1,266	\$152,124	\$156,070	97%
Adults	Supplies-Purchase	151	412,976	\$2,480,677	\$2,856,361	87%
	Enteral & Parenteral Therapy-Purchase	24	1,175,412	\$2,045,884	\$2,440,523	84%
	Equipment-Purchase	257	20,359	\$8,078,445	\$8,401,575	96%
	Equipment-Rental	59	29,202	\$3,721,568	\$4,138,457	90%
	Orthotic & Prosthetic-Purchase	348	21,039	\$5,489,535	\$7,433,381	74%
	Repairs	201	7,630	\$1,047,940	\$1,072,048	98%
Subtotal Codes with Medicare Comparison				\$35,366,049	\$41,528,213	85%
Codes with No Medicare Comparison						
Children	Supplies-Purchase	69	2,446,308	\$1,929,924		
	Enteral & Parenteral Therapy-Purchase	20	3,089,388	\$3,834,676		
	Equipment-Purchase	36	5,172	\$1,964,210		
	Equipment-Rental	20	10,538	\$1,104,919		
	Orthotic & Prosthetic-Purchase	22	699	\$56,075		
	Repairs	25	4,938	\$142,749		
Adults	Supplies-Purchase	33	1,005,738	\$1,070,711		
	Enteral & Parenteral Therapy-Purchase	7	75,308	\$157,946		
	Equipment-Purchase	29	1,085	\$967,523		
	Equipment-Rental	27	107,968	\$10,292,774		
	Orthotic & Prosthetic-Purchase	16	762	\$37,746		
	Repairs	30	15,378	\$622,204		
Subtotal Codes without Medicare Comparison				\$22,181,457		



FY 2016 Rates

Optical

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with Medicare Comparison						
Children	Exams/Procedures	45	42,580	\$1,848,392	\$5,163,065	36%
	Frames/Lens	113	104,056	\$1,686,280	\$4,680,617	36%
Adults	Exams/Procedures	57	39,328	\$1,465,762	\$4,231,373	35%
	Frames/Lens	147	116,962	\$2,844,351	\$5,952,543	48%
Subtotal Codes with Medicare Comparison				\$7,844,785	\$20,027,598	39%
Codes with No Medicare Comparison						
Children	Exams/Procedures/Frames/Lens	9	33,306	\$171,686		
Adults	Exams/Procedures/Frames/Lens	12	34,216	\$269,114		
Subtotal Codes without Medicare Comparison				\$440,800		



SFY 2015 Rates

Rehab Center Therapy

Codes with Medicare Comparison		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Children	Therapies, Tests & Evaluations	17	3,758	\$37,580	\$168,089	22%
Adults	Therapies, Tests & Evaluations	7	7	\$750	\$2,849	26%
Subtotal Codes with Medicare Comparison				\$38,330	\$170,938	22%
Codes with No Medicare Comparison						
Children	Therapies, Tests & Evaluations	1	55	\$550		



		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with Medicare Comparison						
Children	X-ray (CPT 51725-95962; G0202 - G0206)	944	222,718	\$4,241,160	\$6,023,511	70%
	Anesthesia (CPT 00100-01999)	459	2,113,407	\$1,753,488	\$3,950,164	44%
	Lab (CPT 83020-89060)	790	414,781	\$5,808,843	\$6,873,917	85%
	Surgery (CPT 10021-69990)	2,408	61,427	\$11,255,503	\$18,964,775	59%
	Medical Services (G0108-99480)	770	997,343	\$41,920,749	\$75,114,278	56%
	Nurse Midwife (CPT 11976-99460)	30	930	\$98,175	\$171,224	57%
	Podiatry (CPT 10060-99349)	153	6,815	\$340,715	\$618,157	55%
	Psychologist (CPT 90832-96116) *	40	143,129	\$5,201,711	\$10,859,374	48%
	Ambulatory Surgical Center (10060-74420)	249	2,508	\$805,270	\$1,255,353	64%
Adults	X-ray (CPT 51725-95962; G0202 - G0206)	1,360	879,344	\$24,065,240	\$34,424,109	70%
	Anesthesia (CPT 00100-01999)	593	6,821,381	\$5,413,392	\$12,396,783	44%
	Lab (CPT 83020-89060)	987	1,797,380	\$25,266,228	\$36,719,131	69%
	Surgery (CPT 10021-69990)	4,187	274,756	\$53,606,074	\$96,528,843	56%
	Medical Services (G0108-99479)	1,072	1,732,090	\$85,699,940	\$158,081,891	54%
	Nurse Midwife (CPT 11976-99460)	30	3,418	\$357,336	\$630,365	57%
	Podiatry (CPT 10060-99349)	317	39,870	\$1,901,859	\$3,466,554	55%
	Psychologist (CPT 90832-96116) *	40	65,352	\$3,408,333	\$5,671,900	60%
	Ambulatory Surgical Center (10060-74420)	607	7,662	\$2,455,997	\$3,524,691	70%
Subtotal Codes with Medicare Comparison				\$273,600,013	\$475,275,021	58%
Vaccines for Children Program Comparison						
Children	Medical Services (CPT 90633-90748)	42	139,287	\$1,415,690	\$5,922,562	24%
Subtotal Vaccine for Children Program				\$1,415,690	\$5,922,562	24%
Codes with UCR Comparison						
Children	Surgery (Dental Codes Paid Under Physician)	41	12,071	\$662,964	\$1,906,522	35%
Adult	Surgery (Dental Codes Paid Under Physician)	39	3,094	\$333,862	\$1,113,568	30%
Subtotal Codes with UCR Comparison				\$996,826	\$3,020,090	33%
Total Codes with UCR and Medicare Comparisons				\$276,012,529	\$484,217,673	57%
Codes with Primary Care Rate Increases **						
Children	Primary Care Rates and Vaccines for Children (Codes Paid Under Physician, Increased Payment Amount)	132	225,099	\$10,163,496		
Adult	Primary Care Rates and Vaccines for Children (Codes Paid Under Physician, Increased Payment Amount)	88	256,941	\$11,566,969		
Subtotal Codes with Primary Care Rate Increases				\$21,730,465		
Total Codes with UCR, Medicare Comparisons and Primary Care Rate Increase				\$297,742,994	\$484,217,673	61%
Codes with No Medicare Comparison						
Children	X-ray (CPT 10021-96004, Q0092, R0070, R0075)	10	64	\$4,620		
	Lab (CPT 80005-89325; G0103 - S3854)	66	6,363	\$435,272		
	Surgery (CPT 11975-69799)	71	2,134	\$115,150		
	Medical Services (CPT 01996-V2632)	54	63,148	\$710,940		
	Nurse Midwife (CPT 58300-99396)	8	43	\$1,390		
	Podiatry (CPT 15365-Q4048)	5	32	\$1,212		
	Psychologist (CPT 90810 - 90885)	2	116	\$2,784		
	Ambulatory Surgical Center (CPT 10120-V2632)	2	39,357	\$305,626		
Adults	X-ray (CPT 10022-95936, R0070)	27	480	\$13,604		
	Lab (CPT 81213-88399; S3854)	112	90,785	\$1,334,190		
	Surgery (11975-69799)	109	16,890	\$441,609		
	Medical Services (01996-V2632)	54	83,202	\$6,456,885		
	Nurse Midwife (CPT 58300-99396)	5	184	\$5,005		
	Podiatry (CPT 15365-Q4048)	14	124	\$5,167		
	Psychologist (CPT 90810 - 90885)	-	0	\$0		
Ambulatory Surgical Center (CPT 10120-V2632)	9	269	\$35,257			
Subtotal Codes without Medicare Comparison				\$9,868,710		

* Beginning in 2013, there have been major changes in the Psychiatry section of the CPT. Services impacted consist of Assessment, Individual Therapy, Individual Interactive Therapy, Individual Therapy with Evaluation and Management, and Crisis Intervention. The 2012 codes used by MHD for these services are being replaced with new codes.

** Beginning January 1, 2013 federal law allows state Medicaid agencies to increase payments to certain physician specialties for primary care Evaluation and Management (E/M) Healthcare Common Procedure Coding System (HCPCS) codes 99201-99499 and services related to immunization administration for vaccines and toxoids Current Procedural Terminology (CPT) codes 90465, 90466, 90467, 90468, 90471, 90472, 904723, 90474, or successor codes.

Missouri Vaccine for Children Program

Through the Vaccine for Children (VFC) Program, federally provided vaccines are available at no cost to MO HealthNet providers for eligible children ages 0-18 years of age. MO HealthNet reimburses providers for the administration of the free vaccine. MO HealthNet currently reimburses \$5.53 per vaccine component.

The legislation that created the VFC program required that the federal government establish a limit on the amount of money that a provider can charge for the administration of the vaccines to VFC-eligible children. Each state has a different limit; Missouri's limit is \$21.53.

Factors Influencing the Parity Comparison

Several factors may influence the parity comparison between MHD and Medicare rates:

- If a specific Medicare rate was lowered and the MO HealthNet rate remained constant then the parity percentage for that code would have increased. Conversely, if Medicare raised its rate and the MO HealthNet rate remained constant then the parity percentage decreased.
- The UCR target for the Dental program could have changed from the previous year. Therefore, a similar effect may have occurred in the Dental program.
- The methodology used in calculating the comparison costs' aggregated codes, their rates and utilization may influence findings. Utilization reports were updated to SFY-2015 utilization. If utilization changed between years, the percentage of parity may have fluctuated, too. Likewise, the addition of newly utilized codes in SFY-2015 would influence the parity percentage.

Primary Care Rate Increase

Between January 1, 2013 and December 31, 2014, payments for primary care services furnished by a physician with a primary specialty or subspecialty of family medicine, general internal medicine, or pediatric medicine was paid at parity with Medicare. The primary care services covered are for Evaluation and Management Healthcare Common Procedure Coding System (HCPCS) codes 99201-

99499 and services related to immunization administration for vaccines and toxoids Current Procedural Terminology (CPT) codes 90465, 90466, 90467, 90468, 90471, 90472, 904723, 90474, or their successor codes. The primary care rate increase amounts are reported separately in the tables above of this report. The primary care rate increase amounts are not included in the MO HealthNet Rate Parity table below.



SFY 2015 Rates

Summary

	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with Medicare Comparison			
Ambulance	\$25,113,895	\$48,656,400	52%
Audiology	\$300,078	\$539,242	56%
Dental	\$16,181,751	\$47,069,271	34%
DME	\$35,366,049	\$41,528,213	85%
Optical	\$7,844,785	\$20,027,598	39%
Physician	\$276,012,529	\$484,217,673	57%
Rehab Center Therapy	\$38,330	\$170,938	22%
<i>Subtotal Codes with Medicare Comparison</i>	<u>\$360,857,417</u>	<u>\$642,209,334</u>	<u>56%</u>
Codes with No Medicare Comparison			
Ambulance	\$11,960		
Audiology	\$463,948		
Dental	\$384,728		
DME	\$22,181,457		
Optical	\$440,800		
Physician	\$9,868,710		
Rehab Center Therapy	\$550		
<i>Subtotal Codes without Medicare Comparison</i>	<u>\$33,352,153</u>		

Conclusion

The overall MO HealthNet rate for the SFY-2016 rate study is 56% of Medicare. This is a 1% decrease from the percentage found in the SFY-2015 and SFY-2014 rate studies. Please see the enclosed tables above for detailed findings by program area.

MO HealthNet Rate Parity		
Program	SFY-2016 Rates as a Percentage of Medicare	SFY-2015 Rates as a Percentage of Medicare
Ambulance	52%	51%
Audiology	56%	54%
Dental*	34%	35%
Durable Medical Equipment	85%	85%
Optical	39%	39%
Physician**	57%	58%
Rehabilitation Center Therapy	22%	21%
*Dental is compared to the Usual, Customary, and Reasonable (UCR) rate and Medicare. **Percentage does not include the Primary Care Rate Increase.		

Data to Assess Access: Fee-for-service Network Access Report

Data Sources

Statewide Medicaid Population – per provider data from the State’s Cognos system

Statewide Medicaid Provider files – per provider data from the State’s Cognos system

Statewide FQHC, IRHC, PBRHC, CMHC listing – per Exhibit C of the Managed Care Contract Data Analysis was performed using Optum’s Geo Networks software

Description

This report is divided into five categories identified on separate worksheets across the bottom of the workbook.

1. Primary Care Services including, Primary Care Physicians, Federally Qualified Health Centers, Rural Health Center (Independent and Provider Based) and Dental Providers
2. Physician Specialty Services including, Cardiology, Neurology, Ophthalmology, Urology/Nephrology and Radiology
3. Behavioral Health Service including, Licensed Clinical Social Workers/Licensed Master Social Worker, Psychology, Licensed Professional Counselor/Provisional Licensed Professional Counselor, Psychiatry Child and Adult, Community Mental Health Center
4. Obstetrics and Gynecology Providers
5. Home Health Agencies

Each worksheet contains the following columns:

- County – Names all Missouri Counties and St. Louis City
- Total Population – Number of residents per county
- Eligibles – Medicaid participants per county
- % Medicaid – Percentage of county population that are Medicaid participants
- County Type Urban, Basic, Rural – County classifications based on total population.
- Providers – Total number of available Medicaid Providers per county
- Ratio – Medicaid Participant to Medicaid Provider Ratio
- Distance Columns 1,2,3 – Percentage of Medicaid participants with “provider type” within “x” miles. This is not limited by county, if there are 0 providers in a particular county, members may still have an available provider within the distance standard in a nearby county.

Distance standards were applied consistent with 20 CSR 400-7.095 which are used for MO HealthNet’s HMO Managed Care Plans (below). The Primary Care distance standard was used for any provider type, not identified on this list.

The three distance columns on the report indicate Urban (closest), Basic (middle), Rural (furthest). When access standards are reviewed for Managed Care Plans each region must meet 90% access based on their county classification. This FFS report was not been grouped into regions, therefore, it reports percentages for all three county classifications. It is assumed that each county would only be required to meet a certain percentage, based on their county classification.

Due to a software licensing issue, providers located in bordering states were not included in this analysis and therefore approximately 60 providers who have practice locations outside of Missouri were not analyzed. MHD will continue to monitor the number and potential impact of not including these

bordering state providers to understand whether alternative analysis should be completed to provide a complete picture of access.

FFS Network Adequacy - Primary Care Services (Primary Care Providers)

Demographics					Primary Care				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 30 miles
Adair	25602	4947	19.3%	R	77	64:1	1	1	1
Andrew	17379	4822	27.7%	R	20	241:1	0.963	1	1
Atchison	5382	924	17.2%	R	10	92:1	0.929	1	1
Audrain	25887	6299	24.3%	R	53	119:1	0.94	1	1
Barry	35662	13341	37.4%	R	68	196:1	0.905	1	1
Barton	12057	2869	23.8%	R	16	179:1	0.757	1	1
Bates	16584	3391	20.4%	R	32	106:1	0.9	1	1
Benton	18806	4790	25.5%	R	26	184:1	0.931	1	1
Bollinger	12394	3195	25.8%	R	3	1065:1	0.745	1	1
Boone	172717	22941	13.3%	B	685	33:1	0.988	1	1
Buchanan	89486	18459	20.6%	B	199	93:1	0.981	1	1
Butler	42972	13648	31.8%	R	132	103:1	0.909	1	1
Caldwell	9034	1693	18.7%	R	6	282:1	0.709	1	1
Callaway	44750	7644	17.1%	R	66	116:1	0.953	1	1
Camden	44021	7510	17.1%	R	106	71:1	0.946	1	1
Cape Girardeau	78043	14234	18.2%	B	266	54:1	0.973	1	1
Carroll	9043	1865	20.6%	R	18	104:1	0.9	1	1
Carter	6258	2185	34.9%	R	21	104:1	0.604	1	1
Cass	100889	15118	15.0%	B	138	110:1	0.99	1	1
Cedar	13952	4299	30.8%	R	15	287:1	0.912	1	1
Chariton	7694	2018	26.2%	R	11	183:1	0.888	1	1
Christian	82101	14800	18.0%	B	60	247:1	0.963	1	1
Clark	6917	1365	19.7%	R	4	341:1	0.793	1	1
Clay	233682	30763	13.2%	B	403	76:1	1	1	1
Clinton	20299	2120	10.4%	R	6	353:1	0.926	1	1
Cole	76557	12634	16.5%	B	195	65:1	0.956	1	1
Cooper	17585	3333	19.0%	R	56	60:1	0.798	1	1
Crawford	24650	6103	24.8%	R	17	359:1	0.894	1	1
Dade	7628	1881	24.7%	R	5	376:1	0.8	1	1
Dallas	16389	3891	23.7%	R	5	778:1	0.722	1	1
Daviess	8297	1725	20.8%	R	2	863:1	0.816	1	1
DeKalb	12692	2922	23.0%	R	34	86:1	0.958	1	1
Dent	15655	4321	27.6%	R	10	432:1	0.833	1	1
Douglas	13546	3386	25.0%	R	7	484:1	0.867	1	1
Dunklin	31344	12438	39.7%	R	50	249:1	0.843	0.947	1
Franklin	102084	19871	19.5%	B	213	93:1	0.99	1	1
Gasconade	14866	3112	20.9%	R	24	130:1	0.86	1	1
Gentry	6826	1515	22.2%	R	18	84:1	0.725	1	1
Greene	285865	57947	20.3%	U	822	70:1	0.985	1	1
Grundy	10197	2279	22.3%	R	38	60:1	0.875	1	1
Harrison	8639	2178	25.2%	R	35	62:1	0.782	0.999	1
Henry	22028	5609	25.5%	R	61	92:1	0.858	1	1
Hickory	9219	1917	20.8%	R	5	383:1	0.919	1	1
Holt	4516	796	17.6%	R	7	114:1	0.844	1	1
Howard	10159	2195	21.6%	R	9	244:1	0.8	1	1
Howell	40173	12761	31.8%	R	102	125:1	0.87	1	1
Iron	10267	3399	33.1%	R	48	71:1	0.841	1	1
Jackson	683191	147751	21.6%	U	2236	66:1	1	1	1
Jasper	117543	24278	20.7%	B	83	293:1	0.975	1	1
Jefferson	222716	30761	13.8%	B	224	137:1	0.997	1	1
Johnson	54362	6748	12.4%	R	107	63:1	0.926	1	1
Knox	4000	807	20.2%	R	5	161:1	0.793	1	1
Laclede	35439	9941	28.1%	R	41	242:1	0.907	0.985	1
Lafayette	32688	6297	19.3%	R	84	75:1	0.992	1	1
Lawrence	38023	5472	14.4%	R	11	497:1	0.936	1	1
Lewis	10138	1745	17.2%	R	4	436:1	0.853	1	1
Lincoln	54249	9810	18.1%	R	56	175:1	0.933	1	1
Linn	12311	2131	17.3%	R	15	142:1	0.868	1	1
Livingston	15053	2945	19.6%	R	55	54:1	0.872	1	1

Demographics					Primary Care				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Macon	15479	3096	20.0%	R	42	74:1	0.844	1	1
Madison	12368	3644	29.5%	R	14	260:1	0.78	1	1
Maries	9013	1381	15.3%	R	4	345:1	0.926	1	1
Marion	28920	7115	24.6%	R	79	90:1	0.966	1	1
McDonald	22800	6626	29.1%	R	12	552:1	0.887	1	1
Mercer	3719	722	19.4%	R	8	90:1	0.82	1	1
Miller	25141	6281	25.0%	R	48	131:1	0.926	1	1
Mississippi	14232	4705	33.1%	R	4	1176:1	0.999	1	1
Moniteau	15856	2600	16.4%	R	11	236:1	0.978	1	1
Monroe	8707	977	11.2%	R	2	489:1	0.661	1	1
Montgomery	11841	2713	22.9%	R	4	678:1	0.801	1	1
Morgan	20240	5158	25.5%	R	35	147:1	0.968	1	1
New Madrid	18272	5771	31.6%	R	12	481:1	0.926	1	1
Newton	58598	17745	30.3%	B	390	46:1	0.973	1	1
Nodaway	23081	2662	11.5%	R	34	78:1	0.637	0.995	1
Oregon	10911	3634	33.3%	R	4	909:1	0.85	1	1
Osage	13703	1413	10.3%	R	15	94:1	0.914	1	1
Ozark	9492	2429	25.6%	R	3	810:1	0.662	0.949	1
Pemiscot	17650	7173	40.6%	R	13	552:1	0.934	1	1
Perry	19202	3669	19.1%	R	28	131:1	0.938	1	1
Pettis	42225	10827	25.6%	R	70	155:1	0.948	1	1
Phelps	44847	9505	21.2%	R	91	104:1	0.932	1	1
Pike	18541	3395	18.3%	R	25	136:1	0.857	1	1
Platte	94788	9061	9.6%	B	146	62:1	0.985	1	1
Polk	31054	7867	25.3%	R	58	136:1	0.925	1	1
Pulaski	53436	8076	15.1%	R	29	278:1	0.944	1	1
Putnam	4829	1082	22.4%	R	16	68:1	0.601	1	1
Ralls	10255	2006	19.6%	R	12	167:1	0.89	1	1
Randolph	25072	5833	23.3%	R	63	93:1	0.943	1	1
Ray	22949	3522	15.3%	R	18	196:1	0.907	1	1
Reynolds	6565	1798	27.4%	R	26	69:1	0.66	1	1
Ripley	13969	4979	35.6%	R	47	106:1	0.96	0.996	1
Saline	23347	5057	21.7%	R	54	94:1	0.848	1	1
Schuyler	4370	955	21.9%	R	3	318:1	0.885	1	1
Scotland	4863	822	16.9%	R	21	39:1	0.719	1	1
Scott	38903	12455	32.0%	R	70	178:1	1	1	1
Shannon	8329	2337	28.1%	R	8	292:1	0.21	1	1
Shelby	6108	1543	25.3%	R	2	772:1	0.883	1	1
St. Charles	379493	33082	8.7%	U	814	41:1	0.998	1	1
St. Clair	9457	2123	22.4%	R	24	88:1	0.781	1	1
St. Francois	65960	16584	25.1%	B	185	90:1	0.97	1	1
St. Louis City	317419	100441	31.6%	U	2867	35:1	1	1	1
St. Louis Co.	1001876	156695	15.6%	U	1802	87:1	1	1	1
Ste. Genevieve	17914	2803	15.6%	R	35	80:1	0.826	1	1
Stoddard	29867	8421	28.2%	R	88	96:1	0.964	1	1
Stone	31104	5756	18.5%	R	12	480:1	0.929	1	1
Sullivan	6411	1529	23.8%	R	9	170:1	0.846	1	1
Taney	54230	13078	24.1%	R	197	66:1	0.993	1	1
Texas	25642	6584	25.7%	R	31	212:1	0.891	0.991	1
Vernon	21001	5049	24.0%	R	42	120:1	0.871	1	1
Warren	33253	6188	18.6%	R	26	238:1	0.988	1	1
Washington	25077	7202	28.7%	R	18	400:1	0.709	1	1
Wayne	13452	4681	34.8%	R	23	204:1	0.909	1	1
Webster	36888	9281	25.2%	R	21	442:1	0.928	1	1
Worth	2073	431	20.8%	R	4	108:1	0.794	1	1
Wright	18291	6926	37.9%	R	13	533:1	0.879	1	1
TOTAL:	6,063,589	1,187,627	19.6%		14,857		1.0	1.0	1.0

FFS Network Adequacy - Primary Care Services (Federally Qualified Health Centers)

Demographics					FQHC					
County	Total Population	Eligibles	% Medicaid	County Type		Facilities	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 30 miles
				Urban	Basic Rural					
Adair	25602	4947	19.3%	R		5	989:1	90.3	100	100
Andrew	17379	4822	27.7%	R		3	1607:1	93.9	100	100
Atchison	5382	924	17.2%	R		0		0	11.7	75
Audrain	25887	6299	24.3%	R		1	6299:1	57.2	82.6	100
Barry	35662	13341	37.4%	R		0		3.1	56.4	92.6
Barton	12057	2869	23.8%	R		1	2869:1	68.1	96.8	100
Bates	16584	3391	20.4%	R		2	1696:1	70.4	100	100
Benton	18806	4790	25.5%	R		1	4790:1	58.2	100	100
Bollinger	12394	3195	25.8%	R		2	1598:1	67	94.6	100
Boone	172717	22941	13.3%	B		4	5735:1	87.9	99.3	100
Buchanan	89486	18459	20.6%	B		5	3692:1	97.1	99.5	100
Butler	42972	13648	31.8%	R		2	6824:1	80.4	99.5	100
Caldwell	9034	1693	18.7%	R		3	564:1	70.9	100	100
Callaway	44750	7644	17.1%	R		1	7644:1	57.8	99.8	100
Camden	44021	7510	17.1%	R		2	3755:1	73.9	98.4	100
Cape Girardeau	78043	14234	18.2%	B		2	7117:1	69.3	98.3	100
Carroll	9043	1865	20.6%	R		1	1865:1	68	93.5	100
Carter	6258	2185	34.9%	R		1	2185:1	12.1	74.9	100
Cass	100889	15118	15.0%	B		1	15118:1	54.5	82.4	99.5
Cedar	13952	4299	30.8%	R		1	4299:1	54.9	77.1	100
Chariton	7694	2018	26.2%	R		3	673:1	65.1	96.1	100
Christian	82101	14800	18.0%	B		0		11.6	94.7	100
Clark	6917	1365	19.7%	R		1	1365:1	79.3	100	100
Clay	233682	30763	13.2%	B		1	30763:1	84.3	99.9	100
Clinton	20299	2120	10.4%	R		0		0	29.7	100
Cole	76557	12634	16.5%	B		1	12634:1	80.5	99.1	100
Cooper	17585	3333	19.0%	R		0		0	29.1	100
Crawford	24650	6103	24.8%	R		0		1.7	10.6	76.4
Dade	7628	1881	24.7%	R		0		0	13.3	100
Dallas	16389	3891	23.7%	R		1	3891:1	23.7	96.3	100
Daviess	8297	1725	20.8%	R		0		0	68.3	100
DeKalb	12692	2922	23.0%	R		0		3.4	94.5	100
Dent	15655	4321	27.6%	R		0		1.9	9.9	96.6
Douglas	13546	3386	25.0%	R		1	3386:1	73.7	100	100
Dunklin	31344	12438	39.7%	R		1	12438:1	62.7	93.5	100
Franklin	102084	19871	19.5%	B		3	6624:1	46.4	82.2	100
Gasconade	14866	3112	20.9%	R		0		0	19.3	94.7
Gentry	6826	1515	22.2%	R		1	1515:1	22.1	50.1	100
Greene	285865	57947	20.3%	U		3	19316:1	90.9	99.6	100
Grundy	10197	2279	22.3%	R		0		0	6.6	40.2
Harrison	8639	2178	25.2%	R		0		10	24.1	100
Henry	22028	5609	25.5%	R		1	5609:1	58.1	85.2	100
Hickory	9219	1917	20.8%	R		2	959:1	65.7	100	100
Holt	4516	796	17.6%	R		1	796:1	47.7	100	100
Howard	10159	2195	21.6%	R		0		1.9	37.5	100
Howell	40173	12761	31.8%	R		1	12761:1	51.7	89.3	100
Iron	10267	3399	33.1%	R		3	1133:1	83.6	100	100
Jackson	683191	147751	21.6%	U		11	13432:1	95.6	100	100
Jasper	117543	24278	20.7%	B		3	8093:1	58	96	100
Jefferson	222716	30761	13.8%	B		6	5127:1	85.3	100	100
Johnson	54362	6748	12.4%	R		0		0	32.6	100
Knox	4000	807	20.2%	R		1	807:1	74.5	95.2	100
Laclede	35439	9941	28.1%	R		1	9941:1	75.2	97.7	100
Lafayette	32688	6297	19.3%	R		5	1259:1	69.8	100	100
Lawrence	38023	5472	14.4%	R		1	5472:1	41.9	98	100
Lewis	10138	1745	17.2%	R		0		0	16.6	95.2
Lincoln	54249	9810	18.1%	R		0		0.9	67.9	94.6
Linn	12311	2131	17.3%	R		0		26	91.8	100
Livingston	15053	2945	19.6%	R		0		2.3	11.5	94.8

Demographics					FQHC				
County	Total Population	Eligibles	% Medicaid	County Type	Facilities	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Macon	15479	3096	20.0%	R	2	1548:1	59.1	99.5	100
Madison	12368	3644	29.5%	R	0		0	39.4	100
Maries	9013	1381	15.3%	R	0		2.5	64.6	100
Marion	28920	7115	24.6%	R	1	7115:1	81.7	95.6	100
McDonald	22800	6626	29.1%	R	2	3313:1	45.6	95.2	100
Mercer	3719	722	19.4%	R	1	722:1	15.4	100	100
Miller	25141	6281	25.0%	R	0		29.6	93.3	100
Mississippi	14232	4705	33.1%	R	1	4705:1	51.4	100	100
Moniteau	15856	2600	16.4%	R	1	2600:1	63.3	100	100
Monroe	8707	977	11.2%	R	0		0	7.5	73.2
Montgomery	11841	2713	22.9%	R	0		0	22.5	98.3
Morgan	20240	5158	25.5%	R	2	2579:1	54.1	100	100
New Madrid	18272	5771	31.6%	R	4	1443:1	54.2	100	100
Newton	58598	17745	30.3%	B	1	17745:1	78.6	99.1	100
Nodaway	23081	2662	11.5%	R	0		0	10.7	77
Oregon	10911	3634	33.3%	R	1	3634:1	45.7	100	100
Osage	13703	1413	10.3%	R	1	1413:1	64	95	100
Ozark	9492	2429	25.6%	R	1	2429:1	45.8	88.3	100
Pemiscot	17650	7173	40.6%	R	2	3587:1	72.1	100	100
Perry	19202	3669	19.1%	R	2	1835:1	79.5	97.2	100
Pettis	42225	10827	25.6%	R	2	5414:1	81.9	100	100
Phelps	44847	9505	21.2%	R	2	4753:1	70.1	96.3	99.8
Pike	18541	3395	18.3%	R	0		0	3.3	12.6
Platte	94788	9061	9.6%	B	1	9061:1	75.9	94	100
Polk	31054	7867	25.3%	R	1	7867:1	60.9	88.1	100
Pulaski	53436	8076	15.1%	R	1	8076:1	18.8	97.2	100
Putnam	4829	1082	22.4%	R	0		0	3.6	97.2
Ralls	10255	2006	19.6%	R	0		16.9	54.4	100
Randolph	25072	5833	23.3%	R	0		1.2	61.9	100
Ray	22949	3522	15.3%	R	0		13.2	75.2	100
Reynolds	6565	1798	27.4%	R	2	899:1	44.3	91.4	100
Ripley	13969	4979	35.6%	R	1	4979:1	23.3	95.9	100
Saline	23347	5057	21.7%	R	1	5057:1	76.6	100	100
Schuyler	4370	955	21.9%	R	0		0	32.6	100
Scotland	4863	822	16.9%	R	0		0	56.9	100
Scott	38903	12455	32.0%	R	3	4152:1	90.5	100	100
Shannon	8329	2337	28.1%	R	1	2337:1	21	100	100
Shelby	6108	1543	25.3%	R	0		0	27.9	97.9
St. Charles	379493	33082	8.7%	U	2	16541:1	94.3	100	100
St. Clair	9457	2123	22.4%	R	1	2123:1	50.6	89.9	100
St. Francois	65960	16584	25.1%	B	1	16584:1	60.6	100	100
St. Louis City	317419	100441	31.6%	U	15	6696:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	2	78348:1	95.6	100	100
Ste. Genevieve	17914	2803	15.6%	R	0		4.4	51.2	100
Stoddard	29867	8421	28.2%	R	3	2807:1	44.4	92.1	100
Stone	31104	5756	18.5%	R	1	5756:1	52.6	95.1	100
Sullivan	6411	1529	23.8%	R	1	1529:1	61.3	93.7	100
Taney	54230	13078	24.1%	R	2	6539:1	95.8	99.6	100
Texas	25642	6584	25.7%	R	1	6584:1	24.2	44.5	79.7
Vernon	21001	5049	24.0%	R	0		0.7	57.2	98.9
Warren	33253	6188	18.6%	R	1	6188:1	75.2	99.6	100
Washington	25077	7202	28.7%	R	1	7202:1	63.2	98.8	100
Wayne	13452	4681	34.8%	R	1	4681:1	27.6	100	100
Webster	36888	9281	25.2%	R	2	4641:1	68.1	100	100
Worth	2073	431	20.8%	R	0		0	0	8.8
Wright	18291	6926	37.9%	R	2	3463:1	70	97.9	100
TOTAL:	6,063,589	1,187,627	19.6%		163		72.6	92.4	99.1

FFS Network Adequacy - Primary Care Services (Rural Health Clinics)

Demographics					RHC				
County	Total Population	Eligibles	% Medicaid	County Type	Facilities	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Adair	25602	4947	19.3%	R	2	2474:1	83.5	100	100
Andrew	17379	4822	27.7%	R	0		0	15.4	98.9
Atchison	5382	924	17.2%	R	0		0	0	20
Audrain	25887	6299	24.3%	R	6	1050:1	94	100	100
Barry	35662	13341	37.4%	R	9	1482:1	87.8	100	100
Barton	12057	2869	23.8%	R	2	1435:1	88.5	100	100
Bates	16584	3391	20.4%	R	5	678:1	88.9	100	100
Benton	18806	4790	25.5%	R	2	2395:1	59.6	90.1	100
Bollinger	12394	3195	25.8%	R	1	3195:1	67	100	100
Boone	172717	22941	13.3%	B	1	22941:1	12.7	92.8	100
Buchanan	89486	18459	20.6%	B	0		0.4	75.5	99.1
Butler	42972	13648	31.8%	R	10	1365:1	83.4	99.6	100
Caldwell	9034	1693	18.7%	R	2	847:1	73.8	100	100
Callaway	44750	7644	17.1%	R	2	3822:1	56.3	87.5	100
Camden	44021	7510	17.1%	R	3	2503:1	91.4	100	100
Cape Girardeau	78043	14234	18.2%	B	11	1294:1	93.5	100	100
Carroll	9043	1865	20.6%	R	4	466:1	96.4	100	100
Carter	6258	2185	34.9%	R	1	2185:1	12.1	100	100
Cass	100889	15118	15.0%	B	4	3780:1	42.9	100	100
Cedar	13952	4299	30.8%	R	3	1433:1	88.8	100	100
Chariton	7694	2018	26.2%	R	2	1009:1	66.4	100	100
Christian	82101	14800	18.0%	B	3	4933:1	94	100	100
Clark	6917	1365	19.7%	R	1	1365:1	19.2	100	100
Clay	233682	30763	13.2%	B	0		0.3	16.9	83.3
Clinton	20299	2120	10.4%	R	3	707:1	63.6	100	100
Cole	76557	12634	16.5%	B	0		0	5	97.9
Cooper	17585	3333	19.0%	R	2	1667:1	83.3	100	100
Crawford	24650	6103	24.8%	R	7	872:1	87.7	99.1	100
Dade	7628	1881	24.7%	R	2	941:1	84.4	100	100
Dallas	16389	3891	23.7%	R	4	973:1	72.2	100	100
Daviess	8297	1725	20.8%	R	4	431:1	90.7	100	100
DeKalb	12692	2922	23.0%	R	1	2922:1	23.8	99.2	100
Dent	15655	4321	27.6%	R	4	1080:1	82	99.1	100
Douglas	13546	3386	25.0%	R	1	3386:1	13	100	100
Dunklin	31344	12438	39.7%	R	9	1382:1	94.9	100	100
Franklin	102084	19871	19.5%	B	3	6624:1	48.8	96.8	100
Gasconade	14866	3112	20.9%	R	3	1037:1	81	100	100
Gentry	6826	1515	22.2%	R	1	1515:1	31.2	100	100
Greene	285865	57947	20.3%	U	4	14487:1	34.8	100	100
Grundy	10197	2279	22.3%	R	2	1140:1	87.5	100	100
Harrison	8639	2178	25.2%	R	3	726:1	74.2	97.3	100
Henry	22028	5609	25.5%	R	2	2805:1	83.2	100	100
Hickory	9219	1917	20.8%	R	1	1917:1	81.5	100	100
Holt	4516	796	17.6%	R	0		0	9.4	92.6
Howard	10159	2195	21.6%	R	1	2195:1	25.9	100	100
Howell	40173	12761	31.8%	R	10	1276:1	81.4	99.7	100
Iron	10267	3399	33.1%	R	2	1700:1	57.5	89.9	100
Jackson	683191	147751	21.6%	U	0		1.8	24.1	81.6
Jasper	117543	24278	20.7%	B	4	6070:1	47.1	100	100
Jefferson	222716	30761	13.8%	B	2	15381:1	22.9	61.7	100
Johnson	54362	6748	12.4%	R	5	1350:1	86.3	100	100
Knox	4000	807	20.2%	R	2	404:1	90.5	100	100
Laclede	35439	9941	28.1%	R	7	1420:1	84.8	98.5	100
Lafayette	32688	6297	19.3%	R	5	1259:1	93.1	100	100
Lawrence	38023	5472	14.4%	R	3	1824:1	88.6	100	100
Lewis	10138	1745	17.2%	R	4	436:1	87.1	100	100
Lincoln	54249	9810	18.1%	R	6	1635:1	92.9	100	100
Linn	12311	2131	17.3%	R	2	1066:1	71.5	99.9	100
Livingston	15053	2945	19.6%	R	1	2945:1	82.6	100	100

Demographics					RHC				
County	Total Population	Eligibles	% Medicaid	County Type	Facilities	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Macon	15479	3096	20.0%	R	2	1548:1	80.4	99.3	100
Madison	12368	3644	29.5%	R	2	1822:1	78	97.1	100
Maries	9013	1381	15.3%	R	2	691:1	86.4	100	100
Marion	28920	7115	24.6%	R	3	2372:1	96.4	100	100
McDonald	22800	6626	29.1%	R	5	1325:1	86.7	100	100
Mercer	3719	722	19.4%	R	1	722:1	66.6	100	100
Miller	25141	6281	25.0%	R	4	1570:1	90.8	100	100
Mississippi	14232	4705	33.1%	R	4	1176:1	97.4	100	100
Moniteau	15856	2600	16.4%	R	1	2600:1	29.3	95.2	100
Monroe	8707	977	11.2%	R	2	489:1	67.5	100	100
Montgomery	11841	2713	22.9%	R	4	678:1	65.3	100	100
Morgan	20240	5158	25.5%	R	2	2579:1	86.1	100	100
New Madrid	18272	5771	31.6%	R	4	1443:1	52.9	100	100
Newton	58598	17745	30.3%	B	2	8873:1	37.4	98.9	100
Nodaway	23081	2662	11.5%	R	2	1331:1	63.9	97.1	100
Oregon	10911	3634	33.3%	R	2	1817:1	86.9	100	100
Osage	13703	1413	10.3%	R	0		1.3	76.4	100
Ozark	9492	2429	25.6%	R	2	1215:1	61.8	88.3	100
Pemiscot	17650	7173	40.6%	R	8	897:1	96.5	100	100
Perry	19202	3669	19.1%	R	5	734:1	81.6	99.4	100
Pettis	42225	10827	25.6%	R	0		1.7	25.3	100
Phelps	44847	9505	21.2%	R	6	1584:1	90.3	100	100
Pike	18541	3395	18.3%	R	5	679:1	88.2	100	100
Platte	94788	9061	9.6%	B	0		0	3.4	37.7
Polk	31054	7867	25.3%	R	9	874:1	91.6	100	100
Pulaski	53436	8076	15.1%	R	4	2019:1	87.5	100	100
Putnam	4829	1082	22.4%	R	1	1082:1	60.1	100	100
Ralls	10255	2006	19.6%	R	2	1003:1	77.4	100	100
Randolph	25072	5833	23.3%	R	2	2917:1	90.5	100	100
Ray	22949	3522	15.3%	R	2	1761:1	61.9	100	100
Reynolds	6565	1798	27.4%	R	1	1798:1	41.5	67.2	100
Ripley	13969	4979	35.6%	R	1	4979:1	72.8	99.2	100
Saline	23347	5057	21.7%	R	3	1686:1	96.3	100	100
Schuyler	4370	955	21.9%	R	1	955:1	87.4	100	100
Scotland	4863	822	16.9%	R	1	822:1	86.9	100	100
Scott	38903	12455	32.0%	R	11	1132:1	99.4	100	100
Shannon	8329	2337	28.1%	R	2	1169:1	79	100	100
Shelby	6108	1543	25.3%	R	2	772:1	80.7	100	100
St. Charles	379493	33082	8.7%	U	0		1.7	50.8	99.9
St. Clair	9457	2123	22.4%	R	4	531:1	77	100	100
St. Francois	65960	16584	25.1%	B	4	4146:1	95.4	100	100
St. Louis City	317419	100441	31.6%	U	0		0	0	0
St. Louis Co.	1001876	156695	15.6%	U	0		0	0.1	10
Ste. Genevieve	17914	2803	15.6%	R	5	561:1	78	100	100
Stoddard	29867	8421	28.2%	R	11	766:1	94.3	100	100
Stone	31104	5756	18.5%	R	4	1439:1	84.3	100	100
Sullivan	6411	1529	23.8%	R	3	510:1	83.5	100	100
Taney	54230	13078	24.1%	R	8	1635:1	95.5	100	100
Texas	25642	6584	25.7%	R	5	1317:1	87.3	98.6	100
Vernon	21001	5049	24.0%	R	3	1683:1	87.1	100	100
Warren	33253	6188	18.6%	R	1	6188:1	88.1	100	100
Washington	25077	7202	28.7%	R	6	1200:1	75.5	96.8	100
Wayne	13452	4681	34.8%	R	2	2341:1	67.9	96.3	100
Webster	36888	9281	25.2%	R	6	1547:1	92.8	100	100
Worth	2073	431	20.8%	R	1	431:1	79.1	100	100
Wright	18291	6926	37.9%	R	7	989:1	87.9	100	100
TOTAL:	6,063,589	1,187,627	19.6%		364		38.8	60.5	76.4

FFS Network Adequacy - Primary Care Services (Dental)

Demographics					Dental				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Adair	25602	4947	19.3%	R	7	707:1	90.3	100	100
Andrew	17379	4822	27.7%	R	5	964:1	95.1	100	100
Atchison	5382	924	17.2%	R	1	924:1	54	94.2	100
Audrain	25887	6299	24.3%	R	3	2100:1	57.4	96.5	100
Barry	35662	13341	37.4%	R	4	3335:1	31.3	100	100
Barton	12057	2869	23.8%	R			0	3.7	100
Bates	16584	3391	20.4%	R	4	848:1	50.5	100	100
Benton	18806	4790	25.5%	R	2	2395:1	61.6	100	100
Bollinger	12394	3195	25.8%	R	6	533:1	67	94.6	100
Boone	172717	22941	13.3%	B	19	1207:1	88.5	99.3	100
Buchanan	89486	18459	20.6%	B	18	1026:1	97.3	99.4	100
Butler	42972	13648	31.8%	R	14	975:1	84	99.6	100
Caldwell	9034	1693	18.7%	R	4	423:1	69.9	100	100
Callaway	44750	7644	17.1%	R	5	1529:1	74.3	100	100
Camden	44021	7510	17.1%	R	6	1252:1	90.2	100	100
Cape Girardeau	78043	14234	18.2%	B	19	749:1	93	100	100
Carroll	9043	1865	20.6%	R	8	233:1	68	93.5	100
Carter	6258	2185	34.9%	R	1	2185:1	48.3	97.8	100
Cass	100889	15118	15.0%	B	11	1374:1	88.6	97.8	100
Cedar	13952	4299	30.8%	R	2	2150:1	59.4	78.9	100
Chariton	7694	2018	26.2%	R	17	119:1	66.9	96.5	100
Christian	82101	14800	18.0%	B	13	1138:1	86.4	100	100
Clark	6917	1365	19.7%	R	2	683:1	79.3	100	100
Clay	233682	30763	13.2%	B	20	1538:1	97.1	100	100
Clinton	20299	2120	10.4%	R	1	2120:1	13.2	100	100
Cole	76557	12634	16.5%	B	24	526:1	90.4	100	100
Cooper	17585	3333	19.0%	R	0		0	84.2	100
Crawford	24650	6103	24.8%	R	1	6103:1	44	97.5	100
Dade	7628	1881	24.7%	R	0		13.1	53.4	100
Dallas	16389	3891	23.7%	R	2	1946:1	64.9	100	100
Daviess	8297	1725	20.8%	R	2	863:1	56.3	95.8	100
DeKalb	12692	2922	23.0%	R	3	974:1	78	100	100
Dent	15655	4321	27.6%	R	1	4321:1	78.1	94.8	100
Douglas	13546	3386	25.0%	R	7	484:1	73.7	96.3	100
Dunklin	31344	12438	39.7%	R	6	2073:1	76.2	94.7	100
Franklin	102084	19871	19.5%	B	10	1987:1	66.6	87.5	100
Gasconade	14866	3112	20.9%	R	2	1556:1	72.2	100	100
Gentry	6826	1515	22.2%	R	1	1515:1	43	100	100
Greene	285865	57947	20.3%	U	60	966:1	96	100	100
Grundy	10197	2279	22.3%	R	3	760:1	85.4	100	100
Harrison	8639	2178	25.2%	R	3	726:1	67.4	96.3	100
Henry	22028	5609	25.5%	R	3	1870:1	80.3	99.5	100
Hickory	9219	1917	20.8%	R	3	639:1	65.7	100	100
Holt	4516	796	17.6%	R	2	398:1	54	100	100
Howard	10159	2195	21.6%	R	2	1098:1	61.7	100	100
Howell	40173	12761	31.8%	R	9	1418:1	79.6	99.6	100
Iron	10267	3399	33.1%	R	0		0	38.1	100
Jackson	683191	147751	21.6%	U	148	998:1	99.5	100	100
Jasper	117543	24278	20.7%	B	17	1428:1	91.9	100	100
Jefferson	222716	30761	13.8%	B	17	1809:1	92.1	100	100
Johnson	54362	6748	12.4%	R	0		0.8	47.6	100
Knox	4000	807	20.2%	R	1	807:1	82.4	95.9	100
Laclede	35439	9941	28.1%	R	1	9941:1	80.7	99.2	100
Lafayette	32688	6297	19.3%	R	10	630:1	40.6	98.1	100
Lawrence	38023	5472	14.4%	R	2	2736:1	58.4	100	100
Lewis	10138	1745	17.2%	R	0		0	31.3	100
Lincoln	54249	9810	18.1%	R	4	2453:1	76.1	100	100
Linn	12311	2131	17.3%	R	4	533:1	76.3	93.6	100
Livingston	15053	2945	19.6%	R	7	421:1	83.7	100	100

Demographics					Dental				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 30 miles
Macon	15479	3096	20.0%	R	0		0	26.3	98.1
Madison	12368	3644	29.5%	R	0		0	33.6	100
Maries	9013	1381	15.3%	R	0		22.9	88.7	100
Marion	28920	7115	24.6%	R	14	508:1	94.7	100	100
McDonald	22800	6626	29.1%	R	18	368:1	64.6	97.8	100
Mercer	3719	722	19.4%	R	0		0	2.2	100
Miller	25141	6281	25.0%	R	1	6281:1	30.8	100	100
Mississippi	14232	4705	33.1%	R	1	4705:1	57.2	100	100
Moniteau	15856	2600	16.4%	R	5	520:1	63.3	100	100
Monroe	8707	977	11.2%	R	0		0	13.2	61.9
Montgomery	11841	2713	22.9%	R	0		3.1	45.5	100
Morgan	20240	5158	25.5%	R	2	2579:1	73.1	100	100
New Madrid	18272	5771	31.6%	R	7	824:1	56.2	100	100
Newton	58598	17745	30.3%	B	10	1775:1	83.4	99.7	100
Nodaway	23081	2662	11.5%	R	4	666:1	64.7	98	100
Oregon	10911	3634	33.3%	R	3	1211:1	47.6	100	100
Osage	13703	1413	10.3%	R	6	236:1	64	100	100
Ozark	9492	2429	25.6%	R	4	607:1	45.8	88.3	100
Pemiscot	17650	7173	40.6%	R	7	1025:1	73.9	100	100
Perry	19202	3669	19.1%	R	10	367:1	81.6	99	100
Pettis	42225	10827	25.6%	R	12	902:1	87.9	100	100
Phelps	44847	9505	21.2%	R	15	634:1	89	99.3	100
Pike	18541	3395	18.3%	R	0		0.3	12.6	100
Platte	94788	9061	9.6%	B	3	3020:1	93.5	100	100
Polk	31054	7867	25.3%	R	9	874:1	64.6	100	100
Pulaski	53436	8076	15.1%	R	12	673:1	77.4	100	100
Putnam	4829	1082	22.4%	R	2	541:1	60.1	100	100
Ralls	10255	2006	19.6%	R	1	2006:1	33.9	100	100
Randolph	25072	5833	23.3%	R	0		0.9	56.8	100
Ray	22949	3522	15.3%	R	0		24.8	100	100
Reynolds	6565	1798	27.4%	R	10	180:1	43.8	71	100
Ripley	13969	4979	35.6%	R	0		0	20.6	99.2
Saline	23347	5057	21.7%	R	2	2529:1	93.1	100	100
Schuyler	4370	955	21.9%	R	0		0	32.6	100
Scotland	4863	822	16.9%	R	0		0	56.9	100
Scott	38903	12455	32.0%	R	16	778:1	92.3	100	100
Shannon	8329	2337	28.1%	R	0		0	38.4	100
Shelby	6108	1543	25.3%	R	0		0	7.3	36.8
St. Charles	379493	33082	8.7%	U	23	1438:1	98.6	100	100
St. Clair	9457	2123	22.4%	R	4	531:1	50.6	89.9	100
St. Francois	65960	16584	25.1%	B	13	1276:1	84.9	100	100
St. Louis City	317419	100441	31.6%	U	122	823:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	75	2089:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	1	2803:1	56	100	100
Stoddard	29867	8421	28.2%	R	13	648:1	77	96.8	100
Stone	31104	5756	18.5%	R	6	959:1	71.7	100	100
Sullivan	6411	1529	23.8%	R	0		1.9	36.6	100
Taney	54230	13078	24.1%	R	1	13078:1	83.1	99.9	100
Texas	25642	6584	25.7%	R	6	1097:1	58.5	95.6	100
Vernon	21001	5049	24.0%	R	7	721:1	76.8	99	100
Warren	33253	6188	18.6%	R	3	2063:1	93.5	100	100
Washington	25077	7202	28.7%	R	14	514:1	65.9	95.6	100
Wayne	13452	4681	34.8%	R	2	2341:1	74.1	100	100
Webster	36888	9281	25.2%	R	9	1031:1	82.7	100	100
Worth	2073	431	20.8%	R	0		0	8.1	100
Wright	18291	6926	37.9%	R	3	2309:1	57	94.1	100
TOTAL:	6,063,589	1,187,627	19.6%		1,023		83.2	96.4	99.9

FFS Network Adequacy – Physician Specialty Services (Cardiology)

Demographics					Cardiology				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 25 miles	1 provider within 50 miles	1 provider within 100 miles
Adair	25602	4947	19.3%	R	7	707:1	100	100	100
Andrew	17379	4822	27.7%	R	0		98.7	100	100
Atchison	5382	924	17.2%	R	3	308:1	100	100	100
Audrain	25887	6299	24.3%	R	2	3150:1	87.6	100	100
Barry	35662	13341	37.4%	R	0		7.3	100	100
Barton	12057	2869	23.8%	R	0		64.8	100	100
Bates	16584	3391	20.4%	R	1	3391:1	100	100	100
Benton	18806	4790	25.5%	R	2	2395:1	100	100	100
Bollinger	12394	3195	25.8%	R	0		74.5	100	100
Boone	172717	22941	13.3%	B	46	499:1	100	100	100
Buchanan	89486	18459	20.6%	B	22	839:1	99.9	100	100
Butler	42972	13648	31.8%	R	18	758:1	100	100	100
Caldwell	9034	1693	18.7%	R	0		44.9	100	100
Callaway	44750	7644	17.1%	R	3	2548:1	100	100	100
Camden	44021	7510	17.1%	R	4	1878:1	100	100	100
Cape Girardeau	78043	14234	18.2%	B	17	837:1	100	100	100
Carroll	9043	1865	20.6%	R	3	622:1	100	100	100
Carter	6258	2185	34.9%	R	0		56	100	100
Cass	100889	15118	15.0%	B	49	309:1	100	100	100
Cedar	13952	4299	30.8%	R	0		93.5	100	100
Chariton	7694	2018	26.2%	R	0		90.3	100	100
Christian	82101	14800	18.0%	B	0		98.4	100	100
Clark	6917	1365	19.7%	R	0		33.5	100	100
Clay	233682	30763	13.2%	B	48	641:1	100	100	100
Clinton	20299	2120	10.4%	R	0		100	100	100
Cole	76557	12634	16.5%	B	9	1404:1	100	100	100
Cooper	17585	3333	19.0%	R	6	556:1	100	100	100
Crawford	24650	6103	24.8%	R	0		95.9	100	100
Dade	7628	1881	24.7%	R	0		14.4	100	100
Dallas	16389	3891	23.7%	R	0		91.5	100	100
Daviess	8297	1725	20.8%	R	0		27.9	100	100
DeKalb	12692	2922	23.0%	R	0		17.5	100	100
Dent	15655	4321	27.6%	R	0		4.5	100	100
Douglas	13546	3386	25.0%	R	0		0	100	100
Dunklin	31344	12438	39.7%	R	2	6219:1	87.6	100	100
Franklin	102084	19871	19.5%	B	20	994:1	100	100	100
Gasconade	14866	3112	20.9%	R	8	389:1	100	100	100
Gentry	6826	1515	22.2%	R	0		0	100	100
Greene	285865	57947	20.3%	U	34	1704:1	100	100	100
Grundy	10197	2279	22.3%	R	2	1140:1	100	100	100
Harrison	8639	2178	25.2%	R	0		6.8	99.2	100
Henry	22028	5609	25.5%	R	2	2805:1	100	100	100
Hickory	9219	1917	20.8%	R	0		89.4	100	100
Holt	4516	796	17.6%	R	0		68.1	100	100
Howard	10159	2195	21.6%	R	0		98.1	100	100
Howell	40173	12761	31.8%	R	11	1160:1	100	100	100
Iron	10267	3399	33.1%	R	1	3399:1	89.9	100	100
Jackson	683191	147751	21.6%	U	223	663:1	100	100	100
Jasper	117543	24278	20.7%	B	5	4856:1	100	100	100
Jefferson	222716	30761	13.8%	B	20	1538:1	100	100	100
Johnson	54362	6748	12.4%	R	37	182:1	100	100	100
Knox	4000	807	20.2%	R	0		74.5	100	100
Laclede	35439	9941	28.1%	R	1	9941:1	97.3	100	100
Lafayette	32688	6297	19.3%	R	22	286:1	100	100	100
Lawrence	38023	5472	14.4%	R	0		24.7	100	100
Lewis	10138	1745	17.2%	R	0		5.9	100	100
Lincoln	54249	9810	18.1%	R	7	1401:1	100	100	100
Linn	12311	2131	17.3%	R	6	355:1	100	100	100
Livingston	15053	2945	19.6%	R	1	2945:1	100	100	100

Demographics					Cardiology				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 25 miles	1 provider within 50 miles	1 provider within 100 miles
Macon	15479	3096	20.0%	R	12	258:1	100	100	100
Madison	12368	3644	29.5%	R	0		69.3	100	100
Maries	9013	1381	15.3%	R	0		100	100	100
Marion	28920	7115	24.6%	R	15	474:1	99.8	100	100
McDonald	22800	6626	29.1%	R	0		82.5	100	100
Mercer	3719	722	19.4%	R	0		64	100	100
Miller	25141	6281	25.0%	R	1	6281:1	100	100	100
Mississippi	14232	4705	33.1%	R	0		100	100	100
Moniteau	15856	2600	16.4%	R	0		100	100	100
Monroe	8707	977	11.2%	R	0		87.8	100	100
Montgomery	11841	2713	22.9%	R	0		93.5	100	100
Morgan	20240	5158	25.5%	R	2	2579:1	99.5	100	100
New Madrid	18272	5771	31.6%	R	0		94.5	100	100
Newton	58598	17745	30.3%	B	26	683:1	100	100	100
Nodaway	23081	2662	11.5%	R	0		13.3	100	100
Oregon	10911	3634	33.3%	R	0		9.7	100	100
Osage	13703	1413	10.3%	R	0		97.9	100	100
Ozark	9492	2429	25.6%	R	0		17.8	100	100
Pemiscot	17650	7173	40.6%	R	3	2391:1	100	100	100
Perry	19202	3669	19.1%	R	4	917:1	100	100	100
Pettis	42225	10827	25.6%	R	3	3609:1	100	100	100
Phelps	44847	9505	21.2%	R	7	1358:1	99.9	100	100
Pike	18541	3395	18.3%	R	1	3395:1	100	100	100
Platte	94788	9061	9.6%	B	13	697:1	100	100	100
Polk	31054	7867	25.3%	R	8	983:1	100	100	100
Pulaski	53436	8076	15.1%	R	3	2692:1	100	100	100
Putnam	4829	1082	22.4%	R	5	216:1	100	100	100
Ralls	10255	2006	19.6%	R	0		93	100	100
Randolph	25072	5833	23.3%	R	8	729:1	100	100	100
Ray	22949	3522	15.3%	R	2	1761:1	100	100	100
Reynolds	6565	1798	27.4%	R	0		11.6	100	100
Ripley	13969	4979	35.6%	R	0		20.6	100	100
Saline	23347	5057	21.7%	R	0		16.6	100	100
Schuyler	4370	955	21.9%	R	0		100	100	100
Scotland	4863	822	16.9%	R	1	822:1	100	100	100
Scott	38903	12455	32.0%	R	5	2491:1	100	100	100
Shannon	8329	2337	28.1%	R	0		76.1	100	100
Shelby	6108	1543	25.3%	R	0		89.6	100	100
St. Charles	379493	33082	8.7%	U	63	525:1	100	100	100
St. Clair	9457	2123	22.4%	R	0		95.9	100	100
St. Francois	65960	16584	25.1%	B	23	721:1	100	100	100
St. Louis City	317419	100441	31.6%	U	144	698:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	324	484:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	4	701:1	100	100	100
Stoddard	29867	8421	28.2%	R	0		79.2	100	100
Stone	31104	5756	18.5%	R	0		82.3	100	100
Sullivan	6411	1529	23.8%	R	1	1529:1	100	100	100
Taney	54230	13078	24.1%	R	20	654:1	99.5	100	100
Texas	25642	6584	25.7%	R	0		16.3	100	100
Vernon	21001	5049	24.0%	R	2	2525:1	99.2	100	100
Warren	33253	6188	18.6%	R	0		100	100	100
Washington	25077	7202	28.7%	R	1	7202:1	100	100	100
Wayne	13452	4681	34.8%	R	0		41.3	100	100
Webster	36888	9281	25.2%	R	0		66.3	100	100
Worth	2073	431	20.8%	R	0		0	17.2	100
Wright	18291	6926	37.9%	R	0		5.5	100	100
TOTAL:	6,063,589	1,187,627	19.6%		1,343		92.7	100.0	100.0

FFS Network Adequacy – Physician Specialty Services (Neurology)

Demographics					Neurology				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 25 miles	Distance 1 provider within 50 miles	Distance 1 provider within 100 miles
Adair	25602	4947	19.3%	R	11	450:1	100	100	100
Andrew	17379	4822	27.7%	R	0		96.8	100	100
Atchison	5382	924	17.2%	R	0		0	0	100
Audrain	25887	6299	24.3%	R	4	1575:1	88.9	100	100
Barry	35662	13341	37.4%	R	0		10.8	100	100
Barton	12057	2869	23.8%	R	1	2869:1	100	100	100
Bates	16584	3391	20.4%	R	3	1130:1	100	100	100
Benton	18806	4790	25.5%	R	1	4790:1	100	100	100
Bollinger	12394	3195	25.8%	R	0		50.7	100	100
Boone	172717	22941	13.3%	B	46	499:1	100	100	100
Buchanan	89486	18459	20.6%	B	4	4615:1	99.4	100	100
Butler	42972	13648	31.8%	R	1	13648:1	99.5	100	100
Caldwell	9034	1693	18.7%	R	0		85.1	100	100
Callaway	44750	7644	17.1%	R	1	7644:1	100	100	100
Camden	44021	7510	17.1%	R	4	1878:1	98.5	100	100
Cape Girardeau	78043	14234	18.2%	B	23	619:1	99.2	100	100
Carroll	9043	1865	20.6%	R	1	1865:1	100	100	100
Carter	6258	2185	34.9%	R	0		37.5	100	100
Cass	100889	15118	15.0%	B	9	1680:1	100	100	100
Cedar	13952	4299	30.8%	R	2	2150:1	100	100	100
Chariton	7694	2018	26.2%	R	0		43.2	100	100
Christian	82101	14800	18.0%	B	2	7400:1	100	100	100
Clark	6917	1365	19.7%	R	0		0	22.9	100
Clay	233682	30763	13.2%	B	16	1923:1	100	100	100
Clinton	20299	2120	10.4%	R	0		100	100	100
Cole	76557	12634	16.5%	B	6	2106:1	100	100	100
Cooper	17585	3333	19.0%	R	0		81.8	100	100
Crawford	24650	6103	24.8%	R	0		68.6	100	100
Dade	7628	1881	24.7%	R	0		22.8	100	100
Dallas	16389	3891	23.7%	R	0		68.2	100	100
Daviess	8297	1725	20.8%	R	0		100	100	100
DeKalb	12692	2922	23.0%	R	2	1461:1	100	100	100
Dent	15655	4321	27.6%	R	0		7.8	100	100
Douglas	13546	3386	25.0%	R	0		0	100	100
Dunklin	31344	12438	39.7%	R	1	12438:1	85.3	100	100
Franklin	102084	19871	19.5%	B	1	19871:1	81.7	100	100
Gasconade	14866	3112	20.9%	R	0		42	100	100
Gentry	6826	1515	22.2%	R	1	1515:1	100	100	100
Greene	285865	57947	20.3%	U	34	1704:1	100	100	100
Grundy	10197	2279	22.3%	R	0		94.3	100	100
Harrison	8639	2178	25.2%	R	2	1089:1	99.6	100	100
Henry	22028	5609	25.5%	R	5	1122:1	100	100	100
Hickory	9219	1917	20.8%	R	0		89.4	100	100
Holt	4516	796	17.6%	R	0		3.1	84.7	100
Howard	10159	2195	21.6%	R	0		59.7	100	100
Howell	40173	12761	31.8%	R	5	2552:1	100	100	100
Iron	10267	3399	33.1%	R	0		61	100	100
Jackson	683191	147751	21.6%	U	100	1478:1	100	100	100
Jasper	117543	24278	20.7%	B	2	12139:1	100	100	100
Jefferson	222716	30761	13.8%	B	4	7690:1	100	100	100
Johnson	54362	6748	12.4%	R	7	964:1	100	100	100
Knox	4000	807	20.2%	R	0		76.8	100	100
Laclede	35439	9941	28.1%	R	0		63	100	100
Lafayette	32688	6297	19.3%	R	6	1050:1	100	100	100
Lawrence	38023	5472	14.4%	R	0		40.1	100	100
Lewis	10138	1745	17.2%	R	0		2.8	100	100
Lincoln	54249	9810	18.1%	R	1	9810:1	100	100	100
Linn	12311	2131	17.3%	R	0		18.6	100	100
Livingston	15053	2945	19.6%	R	1	2945:1	100	100	100

Demographics					Neurology				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 25 miles	Distance 1 provider within 50 miles	Distance 1 provider within 100 miles
Macon	15479	3096	20.0%	R	1	3096:1	99.8	100	100
Madison	12368	3644	29.5%	R	0		66.4	100	100
Maries	9013	1381	15.3%	R	0		77.4	100	100
Marion	28920	7115	24.6%	R	2	3558:1	99.2	100	100
McDonald	22800	6626	29.1%	R	0		60.6	100	100
Mercer	3719	722	19.4%	R	0		15.4	100	100
Miller	25141	6281	25.0%	R	2	3141:1	98.3	100	100
Mississippi	14232	4705	33.1%	R	0		100	100	100
Moniteau	15856	2600	16.4%	R	0		71.8	100	100
Monroe	8707	977	11.2%	R	0		71.4	100	100
Montgomery	11841	2713	22.9%	R	0		63.3	100	100
Morgan	20240	5158	25.5%	R	2	2579:1	100	100	100
New Madrid	18272	5771	31.6%	R	0		62.8	100	100
Newton	58598	17745	30.3%	B	19	934:1	100	100	100
Nodaway	23081	2662	11.5%	R	0		9.6	98.5	100
Oregon	10911	3634	33.3%	R	0		9.7	100	100
Osage	13703	1413	10.3%	R	0		69.3	100	100
Ozark	9492	2429	25.6%	R	0		17.8	100	100
Pemiscot	17650	7173	40.6%	R	0		96.4	100	100
Perry	19202	3669	19.1%	R	0		58	100	100
Pettis	42225	10827	25.6%	R	2	5414:1	100	100	100
Phelps	44847	9505	21.2%	R	6	1584:1	99.3	100	100
Pike	18541	3395	18.3%	R	0		13.9	100	100
Platte	94788	9061	9.6%	B	0		96.7	100	100
Polk	31054	7867	25.3%	R	1	7867:1	100	100	100
Pulaski	53436	8076	15.1%	R	1	8076:1	100	100	100
Putnam	4829	1082	22.4%	R	0		12.6	97.2	100
Ralls	10255	2006	19.6%	R	0		93	100	100
Randolph	25072	5833	23.3%	R	1	5833:1	100	100	100
Ray	22949	3522	15.3%	R	0		98.6	100	100
Reynolds	6565	1798	27.4%	R	0		0	89.7	100
Ripley	13969	4979	35.6%	R	0		20.6	100	100
Saline	23347	5057	21.7%	R	1	5057:1	100	100	100
Schuyler	4370	955	21.9%	R	0		81.2	100	100
Scotland	4863	822	16.9%	R	0		0	100	100
Scott	38903	12455	32.0%	R	8	1557:1	100	100	100
Shannon	8329	2337	28.1%	R	0		76.1	100	100
Shelby	6108	1543	25.3%	R	0		45.9	100	100
St. Charles	379493	33082	8.7%	U	25	1323:1	100	100	100
St. Clair	9457	2123	22.4%	R	0		80	100	100
St. Francois	65960	16584	25.1%	B	2	8292:1	100	100	100
St. Louis City	317419	100441	31.6%	U	116	866:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	177	885:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	1	2803:1	100	100	100
Stoddard	29867	8421	28.2%	R	0		55.6	100	100
Stone	31104	5756	18.5%	R	0		91.9	100	100
Sullivan	6411	1529	23.8%	R	0		20.1	100	100
Taney	54230	13078	24.1%	R	9	1453:1	99.4	100	100
Texas	25642	6584	25.7%	R	0		13.2	100	100
Vernon	21001	5049	24.0%	R	3	1683:1	100	100	100
Warren	33253	6188	18.6%	R	1	6188:1	100	100	100
Washington	25077	7202	28.7%	R	0		60.7	100	100
Wayne	13452	4681	34.8%	R	0		41.3	100	100
Webster	36888	9281	25.2%	R	0		63.8	100	100
Worth	2073	431	20.8%	R	0		86.3	100	100
Wright	18291	6926	37.9%	R	0		0	100	100
TOTAL:	6,063,589	1,187,627	19.6%		687		90.5	99.8	100.0

FFS Network Adequacy – Physician Specialty Services (Ophthalmology)

Demographics					Ophthalmology				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 25 miles	Distance 1 provider within 50 miles	Distance 1 provider within 100 miles
Adair	25602	4947	19.3%	R	6	825:1	100	100	100
Andrew	17379	4822	27.7%	R	0		100	100	100
Atchison	5382	924	17.2%	R	0		2.9	100	100
Audrain	25887	6299	24.3%	R	3	2100:1	87.6	100	100
Barry	35662	13341	37.4%	R	1	13341:1	61.8	100	100
Barton	12057	2869	23.8%	R	0		62.3	100	100
Bates	16584	3391	20.4%	R	1	3391:1	100	100	100
Benton	18806	4790	25.5%	R	0		46.4	100	100
Bollinger	12394	3195	25.8%	R	0		53.5	100	100
Boone	172717	22941	13.3%	B	43	534:1	100	100	100
Buchanan	89486	18459	20.6%	B	7	2637:1	99.4	100	100
Butler	42972	13648	31.8%	R	2	6824:1	99.5	100	100
Caldwell	9034	1693	18.7%	R	0		1.7	100	100
Callaway	44750	7644	17.1%	R	1	7644:1	100	100	100
Camden	44021	7510	17.1%	R	4	1878:1	98.5	100	100
Cape Girardeau	78043	14234	18.2%	B	17	837:1	99.1	100	100
Carroll	9043	1865	20.6%	R	0		14.6	100	100
Carter	6258	2185	34.9%	R	0		56	100	100
Cass	100889	15118	15.0%	B	9	1680:1	100	100	100
Cedar	13952	4299	30.8%	R	0		79.3	100	100
Chariton	7694	2018	26.2%	R	0		54	100	100
Christian	82101	14800	18.0%	B	1	14800:1	100	100	100
Clark	6917	1365	19.7%	R	0		0	22.9	100
Clay	233682	30763	13.2%	B	8	3845:1	100	100	100
Clinton	20299	2120	10.4%	R	0		86.8	100	100
Cole	76557	12634	16.5%	B	7	1805:1	100	100	100
Cooper	17585	3333	19.0%	R	0		79.3	100	100
Crawford	24650	6103	24.8%	R	0		30.6	100	100
Dade	7628	1881	24.7%	R	0		14.4	100	100
Dallas	16389	3891	23.7%	R	0		78	100	100
Daviess	8297	1725	20.8%	R	0		22.1	100	100
DeKalb	12692	2922	23.0%	R	0		22.1	100	100
Dent	15655	4321	27.6%	R	0		8	100	100
Douglas	13546	3386	25.0%	R	0		0	100	100
Dunklin	31344	12438	39.7%	R	2	6219:1	98.3	100	100
Franklin	102084	19871	19.5%	B	5	3974:1	81.7	100	100
Gasconade	14866	3112	20.9%	R	0		6.1	100	100
Gentry	6826	1515	22.2%	R	1	1515:1	100	100	100
Greene	285865	57947	20.3%	U	30	1932:1	100	100	100
Grundy	10197	2279	22.3%	R	0		9.5	100	100
Harrison	8639	2178	25.2%	R	1	2178:1	100	100	100
Henry	22028	5609	25.5%	R	2	2805:1	100	100	100
Hickory	9219	1917	20.8%	R	0		39.6	100	100
Holt	4516	796	17.6%	R	0		31.9	100	100
Howard	10159	2195	21.6%	R	0		20.2	100	100
Howell	40173	12761	31.8%	R	4	3190:1	100	100	100
Iron	10267	3399	33.1%	R	0		66.7	100	100
Jackson	683191	147751	21.6%	U	67	2205:1	100	100	100
Jasper	117543	24278	20.7%	B	3	8093:1	100	100	100
Jefferson	222716	30761	13.8%	B	2	15381:1	100	100	100
Johnson	54362	6748	12.4%	R	7	964:1	100	100	100
Knox	4000	807	20.2%	R	0		74.5	100	100
Laclede	35439	9941	28.1%	R	5	1988:1	99.1	100	100
Lafayette	32688	6297	19.3%	R	1	6297:1	100	100	100
Lawrence	38023	5472	14.4%	R	0		96.9	100	100
Lewis	10138	1745	17.2%	R	0		3.3	100	100
Lincoln	54249	9810	18.1%	R	4	2453:1	100	100	100
Linn	12311	2131	17.3%	R	1	2131:1	99.8	100	100
Livingston	15053	2945	19.6%	R	0		16.3	100	100

Demographics					Ophthalmology				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance 1 provider within 25 miles	Distance 1 provider within 50 miles	Distance 1 provider within 100 miles
				Urban Basic Rural					
Macon	15479	3096	20.0%	R	0		35.4	100	100
Madison	12368	3644	29.5%	R	0		66.4	100	100
Maries	9013	1381	15.3%	R	0		63.9	100	100
Marion	28920	7115	24.6%	R	15	474:1	100	100	100
McDonald	22800	6626	29.1%	R	0		12.2	100	100
Mercer	3719	722	19.4%	R	0		15.4	100	100
Miller	25141	6281	25.0%	R	0		96.3	100	100
Mississippi	14232	4705	33.1%	R	0		100	100	100
Moniteau	15856	2600	16.4%	R	0		67.6	100	100
Monroe	8707	977	11.2%	R	0		29.7	100	100
Montgomery	11841	2713	22.9%	R	0		40.7	100	100
Morgan	20240	5158	25.5%	R	0		51.5	100	100
New Madrid	18272	5771	31.6%	R	0		70.7	100	100
Newton	58598	17745	30.3%	B	10	1775:1	97.3	100	100
Nodaway	23081	2662	11.5%	R	1	2662:1	99.6	100	100
Oregon	10911	3634	33.3%	R	0		9.7	100	100
Osage	13703	1413	10.3%	R	0		69.3	100	100
Ozark	9492	2429	25.6%	R	0		13.3	100	100
Pemiscot	17650	7173	40.6%	R	0		96.4	100	100
Perry	19202	3669	19.1%	R	0		5.6	100	100
Pettis	42225	10827	25.6%	R	5	2165:1	100	100	100
Phelps	44847	9505	21.2%	R	4	2376:1	99.4	100	100
Pike	18541	3395	18.3%	R	0		10.5	100	100
Platte	94788	9061	9.6%	B	12	755:1	99.7	100	100
Polk	31054	7867	25.3%	R	1	7867:1	100	100	100
Pulaski	53436	8076	15.1%	R	0		63.4	100	100
Putnam	4829	1082	22.4%	R	0		12.6	100	100
Ralls	10255	2006	19.6%	R	0		100	100	100
Randolph	25072	5833	23.3%	R	0		4.8	100	100
Ray	22949	3522	15.3%	R	0		88.5	100	100
Reynolds	6565	1798	27.4%	R	0		0	88.6	100
Ripley	13969	4979	35.6%	R	1	4979:1	100	100	100
Saline	23347	5057	21.7%	R	0		10	100	100
Schuyler	4370	955	21.9%	R	0		81.2	100	100
Scotland	4863	822	16.9%	R	0		0	100	100
Scott	38903	12455	32.0%	R	1	12455:1	100	100	100
Shannon	8329	2337	28.1%	R	0		76.1	100	100
Shelby	6108	1543	25.3%	R	0		7.9	100	100
St. Charles	379493	33082	8.7%	U	21	1575:1	100	100	100
St. Clair	9457	2123	22.4%	R	0		44.2	100	100
St. Francois	65960	16584	25.1%	B	14	1185:1	100	100	100
St. Louis City	317419	100441	31.6%	U	116	866:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	144	1088:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	0		46.8	100	100
Stoddard	29867	8421	28.2%	R	1	8421:1	100	100	100
Stone	31104	5756	18.5%	R	0		100	100	100
Sullivan	6411	1529	23.8%	R	0		24.1	100	100
Taney	54230	13078	24.1%	R	3	4359:1	99.1	100	100
Texas	25642	6584	25.7%	R	0		13.2	100	100
Vernon	21001	5049	24.0%	R	1	5049:1	99.2	100	100
Warren	33253	6188	18.6%	R	0		98.8	100	100
Washington	25077	7202	28.7%	R	0		40.6	100	100
Wayne	13452	4681	34.8%	R	0		41.3	100	100
Webster	36888	9281	25.2%	R	3	3094:1	98.1	100	100
Worth	2073	431	20.8%	R	0		100	100	100
Wright	18291	6926	37.9%	R	0		9.7	100	100
TOTAL:	6,063,589	1,187,627	19.6%		598		89.1	99.9	100.0

FFS Network Adequacy – Physician Specialty Services (Urology/Nephrology)

Demographics					Urology/Nephrology				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 25 miles	1 provider within 50 miles	1 provider within 100 miles
Adair	25602	4947	19.3%	R	6	825:1	100	100	100
Andrew	17379	4822	27.7%	R	0		100	100	100
Atchison	5382	924	17.2%	R	0		2.9	100	100
Audrain	25887	6299	24.3%	R	2	3150:1	88.9	100	100
Barry	35662	13341	37.4%	R	1	13341:1	89.1	100	100
Barton	12057	2869	23.8%	R	0		22.5	100	100
Bates	16584	3391	20.4%	R	0		92.2	100	100
Benton	18806	4790	25.5%	R	0		63.2	100	100
Bollinger	12394	3195	25.8%	R	0		77.3	100	100
Boone	172717	22941	13.3%	B	37	620:1	100	100	100
Buchanan	89486	18459	20.6%	B	10	1846:1	99.6	100	100
Butler	42972	13648	31.8%	R	8	1706:1	100	100	100
Caldwell	9034	1693	18.7%	R	2	847:1	100	100	100
Callaway	44750	7644	17.1%	R	0		99.2	100	100
Camden	44021	7510	17.1%	R	9	834:1	98.5	100	100
Cape Girardeau	78043	14234	18.2%	B	10	1423:1	100	100	100
Carroll	9043	1865	20.6%	R	3	622:1	100	100	100
Carter	6258	2185	34.9%	R	0		56	100	100
Cass	100889	15118	15.0%	B	3	5039:1	100	100	100
Cedar	13952	4299	30.8%	R	0		83.6	100	100
Chariton	7694	2018	26.2%	R	0		90.3	100	100
Christian	82101	14800	18.0%	B	1	14800:1	99.5	100	100
Clark	6917	1365	19.7%	R	0		0	22.9	100
Clay	233682	30763	13.2%	B	18	1709:1	100	100	100
Clinton	20299	2120	10.4%	R	0		100	100	100
Cole	76557	12634	16.5%	B	9	1404:1	100	100	100
Cooper	17585	3333	19.0%	R	3	1111:1	100	100	100
Crawford	24650	6103	24.8%	R	0		49.6	100	100
Dade	7628	1881	24.7%	R	0		27.5	100	100
Dallas	16389	3891	23.7%	R	0		80.4	100	100
Daviess	8297	1725	20.8%	R	0		100	100	100
DeKalb	12692	2922	23.0%	R	3	974:1	100	100	100
Dent	15655	4321	27.6%	R	0		4.6	100	100
Douglas	13546	3386	25.0%	R	0		0	100	100
Dunklin	31344	12438	39.7%	R	5	2488:1	98.9	100	100
Franklin	102084	19871	19.5%	B	5	3974:1	97.3	100	100
Gasconade	14866	3112	20.9%	R	1	3112:1	51.5	100	100
Gentry	6826	1515	22.2%	R	0		77.9	100	100
Greene	285865	57947	20.3%	U	37	1566:1	100	100	100
Grundy	10197	2279	22.3%	R	3	760:1	100	100	100
Harrison	8639	2178	25.2%	R	1	2178:1	99.5	100	100
Henry	22028	5609	25.5%	R	4	1402:1	100	100	100
Hickory	9219	1917	20.8%	R	0		56.1	100	100
Holt	4516	796	17.6%	R	0		28.8	100	100
Howard	10159	2195	21.6%	R	0		98.1	100	100
Howell	40173	12761	31.8%	R	6	2127:1	93.4	100	100
Iron	10267	3399	33.1%	R	2	1700:1	89.9	100	100
Jackson	683191	147751	21.6%	U	122	1211:1	100	100	100
Jasper	117543	24278	20.7%	B	26	934:1	100	100	100
Jefferson	222716	30761	13.8%	B	20	1538:1	100	100	100
Johnson	54362	6748	12.4%	R	9	750:1	100	100	100
Knox	4000	807	20.2%	R	0		74.5	100	100
Laclede	35439	9941	28.1%	R	1	9941:1	97.6	100	100
Lafayette	32688	6297	19.3%	R	1	6297:1	100	100	100
Lawrence	38023	5472	14.4%	R	0		100	100	100
Lewis	10138	1745	17.2%	R	0		2.8	100	100
Lincoln	54249	9810	18.1%	R	3	3270:1	100	100	100
Linn	12311	2131	17.3%	R	1	2131:1	100	100	100
Livingston	15053	2945	19.6%	R	4	736:1	100	100	100

Demographics					Urology/Nephrology				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 25 miles	Distance 1 provider within 50 miles	Distance 1 provider within 100 miles
Macon	15479	3096	20.0%	R	1	3096:1	100	100	100
Madison	12368	3644	29.5%	R	1	3644:1	100	100	100
Maries	9013	1381	15.3%	R	0		77.4	100	100
Marion	28920	7115	24.6%	R	1	7115:1	99.2	100	100
McDonald	22800	6626	29.1%	R	0		56.2	100	100
Mercer	3719	722	19.4%	R	0		79.4	100	100
Miller	25141	6281	25.0%	R	4	1570:1	100	100	100
Mississippi	14232	4705	33.1%	R	0		100	100	100
Moniteau	15856	2600	16.4%	R	0		100	100	100
Monroe	8707	977	11.2%	R	0		87.8	100	100
Montgomery	11841	2713	22.9%	R	0		93.5	100	100
Morgan	20240	5158	25.5%	R	4	1290:1	100	100	100
New Madrid	18272	5771	31.6%	R	0		70.6	100	100
Newton	58598	17745	30.3%	B	14	1268:1	100	100	100
Nodaway	23081	2662	11.5%	R	3	887:1	99.6	100	100
Oregon	10911	3634	33.3%	R	0		9.7	100	100
Osage	13703	1413	10.3%	R	0		95.8	100	100
Ozark	9492	2429	25.6%	R	0		27	100	100
Pemiscot	17650	7173	40.6%	R	0		96.4	100	100
Perry	19202	3669	19.1%	R	1	3669:1	100	100	100
Pettis	42225	10827	25.6%	R	4	2707:1	100	100	100
Phelps	44847	9505	21.2%	R	4	2376:1	99.7	100	100
Pike	18541	3395	18.3%	R	1	3395:1	99.8	100	100
Platte	94788	9061	9.6%	B	1	9061:1	99.3	100	100
Polk	31054	7867	25.3%	R	3	2622:1	100	100	100
Pulaski	53436	8076	15.1%	R	1	8076:1	100	100	100
Putnam	4829	1082	22.4%	R	2	541:1	100	100	100
Ralls	10255	2006	19.6%	R	0		93	100	100
Randolph	25072	5833	23.3%	R	9	648:1	100	100	100
Ray	22949	3522	15.3%	R	3	1174:1	100	100	100
Reynolds	6565	1798	27.4%	R	0		11.6	100	100
Ripley	13969	4979	35.6%	R	0		20.6	100	100
Saline	23347	5057	21.7%	R	1	5057:1	86.9	100	100
Schuyler	4370	955	21.9%	R	0		82.7	100	100
Scotland	4863	822	16.9%	R	0		0	100	100
Scott	38903	12455	32.0%	R	4	3114:1	100	100	100
Shannon	8329	2337	28.1%	R	0		0	100	100
Shelby	6108	1543	25.3%	R	0		45.9	100	100
St. Charles	379493	33082	8.7%	U	25	1323:1	100	100	100
St. Clair	9457	2123	22.4%	R	1	2123:1	54.3	100	100
St. Francois	65960	16584	25.1%	B	13	1276:1	100	100	100
St. Louis City	317419	100441	31.6%	U	124	810:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	224	700:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	4	701:1	100	100	100
Stoddard	29867	8421	28.2%	R	1	8421:1	100	100	100
Stone	31104	5756	18.5%	R	0		96.5	100	100
Sullivan	6411	1529	23.8%	R	1	1529:1	100	100	100
Taney	54230	13078	24.1%	R	4	3270:1	99.4	100	100
Texas	25642	6584	25.7%	R	0		2.8	100	100
Vernon	21001	5049	24.0%	R	3	1683:1	100	100	100
Warren	33253	6188	18.6%	R	0		100	100	100
Washington	25077	7202	28.7%	R	3	2401:1	98.8	100	100
Wayne	13452	4681	34.8%	R	0		45.9	100	100
Webster	36888	9281	25.2%	R	0		72.3	100	100
Worth	2073	431	20.8%	R	0		20.9	100	100
Wright	18291	6926	37.9%	R	0		5.5	100	100
TOTAL:	6,063,589	1,187,627	19.6%				93.9	99.9	100.0

FFS Network Adequacy – Physician Specialty Services (Radiology)

Demographics					Radiology				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 25 miles	1 provider within 50 miles	1 provider within 100 miles
Adair	25602	4947	19.3%	R	16	309:1	100	100	100
Andrew	17379	4822	27.7%	R	0		98.9	100	100
Atchison	5382	924	17.2%	R	7	132:1	100	100	100
Audrain	25887	6299	24.3%	R	8	787:1	88.9	100	100
Barry	35662	13341	37.4%	R	4	3335:1	100	100	100
Barton	12057	2869	23.8%	R	5	574:1	100	100	100
Bates	16584	3391	20.4%	R	1	3391:1	100	100	100
Benton	18806	4790	25.5%	R	0		48.3	100	100
Bollinger	12394	3195	25.8%	R	0		88.4	100	100
Boone	172717	22941	13.3%	B	95	241:1	100	100	100
Buchanan	89486	18459	20.6%	B	17	1086:1	99.6	100	100
Butler	42972	13648	31.8%	R	17	803:1	100	100	100
Caldwell	9034	1693	18.7%	R	0		45.8	100	100
Callaway	44750	7644	17.1%	R	8	956:1	100	100	100
Camden	44021	7510	17.1%	R	44	171:1	98.5	100	100
Cape Girardeau	78043	14234	18.2%	B	76	187:1	100	100	100
Carroll	9043	1865	20.6%	R	1	1865:1	100	100	100
Carter	6258	2185	34.9%	R	0		95.7	100	100
Cass	100889	15118	15.0%	B	24	630:1	100	100	100
Cedar	13952	4299	30.8%	R	2	2150:1	100	100	100
Chariton	7694	2018	26.2%	R	0		45.9	100	100
Christian	82101	14800	18.0%	B	4	3700:1	100	100	100
Clark	6917	1365	19.7%	R	0		0	22.9	100
Clay	233682	30763	13.2%	B	46	669:1	100	100	100
Clinton	20299	2120	10.4%	R	0		100	100	100
Cole	76557	12634	16.5%	B	33	383:1	100	100	100
Cooper	17585	3333	19.0%	R	16	208:1	100	100	100
Crawford	24650	6103	24.8%	R	0		53.2	100	100
Dade	7628	1881	24.7%	R	0		27.2	100	100
Dallas	16389	3891	23.7%	R	0		80.4	100	100
Daviess	8297	1725	20.8%	R	0		42.5	100	100
DeKalb	12692	2922	23.0%	R	0		26.8	100	100
Dent	15655	4321	27.6%	R	1	4321:1	100	100	100
Douglas	13546	3386	25.0%	R	0		21.6	100	100
Dunklin	31344	12438	39.7%	R	4	3110:1	87.7	100	100
Franklin	102084	19871	19.5%	B	7	2839:1	83.7	100	100
Gasconade	14866	3112	20.9%	R	0		8	100	100
Gentry	6826	1515	22.2%	R	1	1515:1	100	100	100
Greene	285865	57947	20.3%	U	107	542:1	100	100	100
Grundy	10197	2279	22.3%	R	2	1140:1	100	100	100
Harrison	8639	2178	25.2%	R	0		76.1	100	100
Henry	22028	5609	25.5%	R	18	312:1	100	100	100
Hickory	9219	1917	20.8%	R	0		66.5	100	100
Holt	4516	796	17.6%	R	0		71.2	100	100
Howard	10159	2195	21.6%	R	0		98.1	100	100
Howell	40173	12761	31.8%	R	49	260:1	100	100	100
Iron	10267	3399	33.1%	R	0		92.9	100	100
Jackson	683191	147751	21.6%	U	344	430:1	100	100	100
Jasper	117543	24278	20.7%	B	8	3035:1	100	100	100
Jefferson	222716	30761	13.8%	B	13	2366:1	100	100	100
Johnson	54362	6748	12.4%	R	0		52.4	100	100
Knox	4000	807	20.2%	R	0		74.5	100	100
Laclede	35439	9941	28.1%	R	7	1420:1	97.1	100	100
Lafayette	32688	6297	19.3%	R	22	286:1	100	100	100
Lawrence	38023	5472	14.4%	R	0		100	100	100
Lewis	10138	1745	17.2%	R	0		5.5	100	100
Lincoln	54249	9810	18.1%	R	15	654:1	100	100	100
Linn	12311	2131	17.3%	R	0		30	100	100
Livingston	15053	2945	19.6%	R	2	1473:1	100	100	100

Demographics					Radiology				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 25 miles	Distance 1 provider within 50 miles	Distance 1 provider within 100 miles
Macon	15479	3096	20.0%	R	7	442:1	99.7	100	100
Madison	12368	3644	29.5%	R	1	3644:1	100	100	100
Maries	9013	1381	15.3%	R	0		77.4	100	100
Marion	28920	7115	24.6%	R	51	140:1	99.8	100	100
McDonald	22800	6626	29.1%	R	0		60.9	100	100
Mercer	3719	722	19.4%	R	0		64	100	100
Miller	25141	6281	25.0%	R	0		96.6	100	100
Mississippi	14232	4705	33.1%	R	1	4705:1	100	100	100
Moniteau	15856	2600	16.4%	R	0		98.6	100	100
Monroe	8707	977	11.2%	R	0		87.8	100	100
Montgomery	11841	2713	22.9%	R	0		42.4	100	100
Morgan	20240	5158	25.5%	R	0		50.5	100	100
New Madrid	18272	5771	31.6%	R	0		94.5	100	100
Newton	58598	17745	30.3%	B	44	403:1	100	100	100
Nodaway	23081	2662	11.5%	R	0		22.9	100	100
Oregon	10911	3634	33.3%	R	0		9.7	100	100
Osage	13703	1413	10.3%	R	0		69.3	100	100
Ozark	9492	2429	25.6%	R	0		17.8	100	100
Pemiscot	17650	7173	40.6%	R	1	7173:1	100	100	100
Perry	19202	3669	19.1%	R	1	3669:1	100	100	100
Pettis	42225	10827	25.6%	R	12	902:1	100	100	100
Phelps	44847	9505	21.2%	R	40	238:1	100	100	100
Pike	18541	3395	18.3%	R	1	3395:1	99.8	100	100
Platte	94788	9061	9.6%	B	15	604:1	99.7	100	100
Polk	31054	7867	25.3%	R	9	874:1	100	100	100
Pulaski	53436	8076	15.1%	R	0		57.1	100	100
Putnam	4829	1082	22.4%	R	1	1082:1	100	100	100
Ralls	10255	2006	19.6%	R	0		93	100	100
Randolph	25072	5833	23.3%	R	11	530:1	100	100	100
Ray	22949	3522	15.3%	R	1	3522:1	100	100	100
Reynolds	6565	1798	27.4%	R	20	90:1	100	100	100
Ripley	13969	4979	35.6%	R	0		23.3	100	100
Saline	23347	5057	21.7%	R	6	843:1	100	100	100
Schuyler	4370	955	21.9%	R	0		82.7	100	100
Scotland	4863	822	16.9%	R	0		0	100	100
Scott	38903	12455	32.0%	R	30	415:1	100	100	100
Shannon	8329	2337	28.1%	R	0		76.1	100	100
Shelby	6108	1543	25.3%	R	0		78.4	100	100
St. Charles	379493	33082	8.7%	U	241	137:1	100	100	100
St. Clair	9457	2123	22.4%	R	7	303:1	100	100	100
St. Francois	65960	16584	25.1%	B	7	2369:1	100	100	100
St. Louis City	317419	100441	31.6%	U	296	339:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	606	259:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	2	1402:1	100	100	100
Stoddard	29867	8421	28.2%	R	0		64.6	100	100
Stone	31104	5756	18.5%	R	0		100	100	100
Sullivan	6411	1529	23.8%	R	1	1529:1	100	100	100
Taney	54230	13078	24.1%	R	15	872:1	99.6	100	100
Texas	25642	6584	25.7%	R	15	439:1	98.6	100	100
Vernon	21001	5049	24.0%	R	4	1262:1	100	100	100
Warren	33253	6188	18.6%	R	0		98.8	100	100
Washington	25077	7202	28.7%	R	0		65.6	100	100
Wayne	13452	4681	34.8%	R	0		94.9	100	100
Webster	36888	9281	25.2%	R	0		67.3	100	100
Worth	2073	431	20.8%	R	0		86.3	100	100
Wright	18291	6926	37.9%	R	0		19.5	100	100
TOTAL:	6,063,589	1,187,627	19.6%		2,470		93.8	99.9	100.0

FFS Network Adequacy – Behavioral Health Services (LCSW - LMSW)

Demographics					LCSW - LMSW				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 40 miles
Adair	25602	4947	19.3%	R	8	618:1	90.7	100	100
Andrew	17379	4822	27.7%	R	7	689:1	94.7	100	100
Atchison	5382	924	17.2%	R	1	924:1	80.2	100	100
Audrain	25887	6299	24.3%	R	11	573:1	82.4	100	100
Barry	35662	13341	37.4%	R	10	1334:1	81	100	100
Barton	12057	2869	23.8%	R	10	287:1	81.9	95.9	100
Bates	16584	3391	20.4%	R	2	1696:1	50.5	100	100
Benton	18806	4790	25.5%	R	7	684:1	76.5	100	100
Bollinger	12394	3195	25.8%	R	3	1065:1	67.2	94.6	100
Boone	172717	22941	13.3%	B	74	310:1	100	100	100
Buchanan	89486	18459	20.6%	B	42	440:1	97.5	99.5	100
Butler	42972	13648	31.8%	R	18	758:1	90.2	99.5	100
Caldwell	9034	1693	18.7%	R	0		4.3	65.4	100
Callaway	44750	7644	17.1%	R	17	450:1	96.1	100	100
Camden	44021	7510	17.1%	R	3	2503:1	81.8	100	100
Cape Girardeau	78043	14234	18.2%	B	28	508:1	92.5	100	100
Carroll	9043	1865	20.6%	R	1	1865:1	2.8	91.2	100
Carter	6258	2185	34.9%	R	3	728:1	48	100	100
Cass	100889	15118	15.0%	B	15	1008:1	81.6	97.8	100
Cedar	13952	4299	30.8%	R	5	860:1	91.2	100	100
Chariton	7694	2018	26.2%	R	3	673:1	51.5	100	100
Christian	82101	14800	18.0%	B	5	2960:1	91.4	100	100
Clark	6917	1365	19.7%	R	0		0	22.9	100
Clay	233682	30763	13.2%	B	68	452:1	99.7	100	100
Clinton	20299	2120	10.4%	R	2	1060:1	58	100	100
Cole	76557	12634	16.5%	B	32	395:1	91.8	100	100
Cooper	17585	3333	19.0%	R	5	667:1	71.1	100	100
Crawford	24650	6103	24.8%	R	4	1526:1	87	100	100
Dade	7628	1881	24.7%	R	0		25.5	100	100
Dallas	16389	3891	23.7%	R	4	973:1	87.1	100	100
Daviess	8297	1725	20.8%	R	0		0	58.1	100
DeKalb	12692	2922	23.0%	R	4	731:1	73.6	99.8	100
Dent	15655	4321	27.6%	R	0		5.6	28.5	100
Douglas	13546	3386	25.0%	R	4	847:1	86.7	100	100
Dunklin	31344	12438	39.7%	R	15	829:1	63.1	94.9	100
Franklin	102084	19871	19.5%	B	14	1419:1	83.8	100	100
Gasconade	14866	3112	20.9%	R	1	3112:1	32.8	97.6	100
Gentry	6826	1515	22.2%	R	3	505:1	72.8	100	100
Greene	285865	57947	20.3%	U	132	439:1	98.1	100	100
Grundy	10197	2279	22.3%	R	7	326:1	85.4	100	100
Harrison	8639	2178	25.2%	R	4	545:1	75.4	98	100
Henry	22028	5609	25.5%	R	22	255:1	80.8	99.5	100
Hickory	9219	1917	20.8%	R	2	959:1	81.5	100	100
Holt	4516	796	17.6%	R	5	159:1	78.1	100	100
Howard	10159	2195	21.6%	R	2	1098:1	92.8	100	100
Howell	40173	12761	31.8%	R	15	851:1	91.5	100	100
Iron	10267	3399	33.1%	R	6	567:1	87.7	100	100
Jackson	683191	147751	21.6%	U	371	398:1	99.3	100	100
Jasper	117543	24278	20.7%	B	35	694:1	98.9	100	100
Jefferson	222716	30761	13.8%	B	40	769:1	97.1	100	100
Johnson	54362	6748	12.4%	R	6	1125:1	62.8	100	100
Knox	4000	807	20.2%	R	1	807:1	74.5	95.2	100
Laclede	35439	9941	28.1%	R	5	1988:1	82.8	99.1	100
Lafayette	32688	6297	19.3%	R	12	525:1	73.5	100	100
Lawrence	38023	5472	14.4%	R	4	1368:1	94.5	100	100
Lewis	10138	1745	17.2%	R	1	1745:1	61.9	98.7	100
Lincoln	54249	9810	18.1%	R	5	1962:1	84.1	99.7	100
Linn	12311	2131	17.3%	R	1	2131:1	48.4	96.7	100
Livingston	15053	2945	19.6%	R	0		0	19.2	100

Demographics					LCSW - LMSW				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 40 miles
Macon	15479	3096	20.0%	R	1	3096:1	60	100	100
Madison	12368	3644	29.5%	R	0		0	71.1	100
Marion	9013	1381	15.3%	R	1	1381:1	57.5	91.7	100
Marion	28920	7115	24.6%	R	20	356:1	99.5	100	100
McDonald	22800	6626	29.1%	R	0		0	21.9	100
Mercer	3719	722	19.4%	R	1	722:1	72.9	100	100
Miller	25141	6281	25.0%	R	1	6281:1	71.5	96.8	100
Mississippi	14232	4705	33.1%	R	0		7.7	94.2	100
Moniteau	15856	2600	16.4%	R	2	1300:1	66.1	100	100
Monroe	8707	977	11.2%	R	0		0	53.3	100
Montgomery	11841	2713	22.9%	R	0		28.1	94.1	100
Morgan	20240	5158	25.5%	R	1	5158:1	53.5	100	100
New Madrid	18272	5771	31.6%	R	4	1443:1	79.2	100	100
Newton	58598	17745	30.3%	B	28	634:1	61.2	99.4	100
Nodaway	23081	2662	11.5%	R	6	444:1	68.6	99.1	100
Oregon	10911	3634	33.3%	R	2	1817:1	47.6	100	100
Osage	13703	1413	10.3%	R	2	707:1	77.8	100	100
Ozark	9492	2429	25.6%	R	2	1215:1	45.8	96.7	100
Pemiscot	17650	7173	40.6%	R	1	7173:1	66.2	100	100
Perry	19202	3669	19.1%	R	5	734:1	81.6	99	100
Pettis	42225	10827	25.6%	R	6	1805:1	87.6	100	100
Phelps	44847	9505	21.2%	R	17	559:1	92.6	100	100
Pike	18541	3395	18.3%	R	1	3395:1	39.1	95.7	100
Platte	94788	9061	9.6%	B	6	1510:1	81.1	97.7	100
Polk	31054	7867	25.3%	R	15	524:1	91.9	100	100
Pulaski	53436	8076	15.1%	R	15	538:1	68.3	100	100
Putnam	4829	1082	22.4%	R	0		0	3.6	100
Ralls	10255	2006	19.6%	R	0		25.3	89.7	100
Randolph	25072	5833	23.3%	R	8	729:1	93	100	100
Ray	22949	3522	15.3%	R	3	1174:1	78.1	100	100
Reynolds	6565	1798	27.4%	R	15	120:1	81	100	100
Ripley	13969	4979	35.6%	R	7	711:1	96	99.6	100
Saline	23347	5057	21.7%	R	17	297:1	94.6	100	100
Schuyler	4370	955	21.9%	R	0		0	49.8	100
Scotland	4863	822	16.9%	R	2	411:1	71.9	100	100
Scott	38903	12455	32.0%	R	17	733:1	79.6	100	100
Shannon	8329	2337	28.1%	R	2	1169:1	21	100	100
Shelby	6108	1543	25.3%	R	0		0	37.8	100
St. Charles	379493	33082	8.7%	U	48	689:1	99	100	100
St. Clair	9457	2123	22.4%	R	3	708:1	66.3	87.4	100
St. Francois	65960	16584	25.1%	B	45	369:1	97.8	100	100
St. Louis City	317419	100441	31.6%	U	113	889:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	335	468:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	1	2803:1	60.5	100	100
Stoddard	29867	8421	28.2%	R	7	1203:1	78.1	100	100
Stone	31104	5756	18.5%	R	3	1919:1	70.5	100	100
Sullivan	6411	1529	23.8%	R	0		0	20.1	100
Taney	54230	13078	24.1%	R	2	6539:1	84.4	99.5	100
Texas	25642	6584	25.7%	R	2	3292:1	46.4	99.5	100
Vernon	21001	5049	24.0%	R	22	230:1	76.8	99	100
Warren	33253	6188	18.6%	R	6	1031:1	93.6	100	100
Washington	25077	7202	28.7%	R	2	3601:1	70.4	100	100
Wayne	13452	4681	34.8%	R	5	936:1	80.7	100	100
Webster	36888	9281	25.2%	R	12	773:1	85.8	100	100
Worth	2073	431	20.8%	R	0		0	74	100
Wright	18291	6926	37.9%	R	3	2309:1	70.2	97.9	100
TOTAL:	6,063,589	1,187,627	19.6%		1,922		87.3	98.1	100.0

FFS Network Adequacy – Behavioral Health Services (Psychology)

Demographics					Psychology				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 30 miles
Adair	25,602	4,947	19.3%	R	2	2474:1	89.5	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		82.1	97.6	100.0
Atchison	5,382	924	17.2%	R	0		0.0	0.0	20.1
Audrain	25,887	6,299	24.3%	R	4	1575:1	57.6	84.2	100.0
Barry	35,662	13,341	37.4%	R	15	889:1	79.6	98.1	100.0
Barton	12,057	2,869	23.8%	R	3	956:1	68.1	95.9	100.0
Bates	16,584	3,391	20.4%	R	4	848:1	50.5	100.0	100.0
Benton	18,806	4,790	25.5%	R	3	1597:1	64.1	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		2.6	83.8	100.0
Boone	172,717	22,941	13.3%	B	51	450:1	90.2	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	14	1319:1	96.5	99.4	100.0
Butler	42,972	13,648	31.8%	R	4	3412:1	84.7	98.9	100.0
Caldwell	9,034	1,693	18.7%	R	0		0.0	7.1	80.6
Callaway	44,750	7,644	17.1%	R	1	7644:1	73.2	99.8	100.0
Camden	44,021	7,510	17.1%	R	10	751:1	81.2	99.2	100.0
Cape Girardeau	78,043	14,234	18.2%	B	11	1294:1	92.7	100.0	100.0
Carroll	9,043	1,865	20.6%	R	0		0.0	2.8	87.6
Carter	6,258	2,185	34.9%	R	0		0.0	85.8	95.7
Cass	100,889	15,118	15.0%	B	10	1512:1	81.1	97.8	100.0
Cedar	13,952	4,299	30.8%	R	4	1075:1	91.0	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		0.0	0.0	19.0
Christian	82,101	14,800	18.0%	B	15	987:1	92.4	99.9	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	0.0	0.0
Clay	233,682	30,763	13.2%	B	21	1465:1	98.2	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		10.6	89.9	100.0
Cole	76,557	12,634	16.5%	B	14	902:1	89.0	98.7	100.0
Cooper	17,585	3,333	19.0%	R	1	3333:1	62.1	97.9	100.0
Crawford	24,650	6,103	24.8%	R	0		3.0	64.8	100.0
Dade	7,628	1,881	24.7%	R	4	470:1	84.4	100.0	100.0
Dallas	16,389	3,891	23.7%	R	0		0.0	76.5	100.0
Daviess	8,297	1,725	20.8%	R	0		3.0	31.5	90.8
DeKalb	12,692	2,922	23.0%	R	0		0.0	6.4	89.4
Dent	15,655	4,321	27.6%	R	2	2161:1	82.6	95.7	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	26.3	100.0
Dunklin	31,344	12,438	39.7%	R	0		0.0	0.0	3.0
Franklin	102,084	19,871	19.5%	B	6	3312:1	49.3	83.1	100.0
Gasconade	14,866	3,112	20.9%	R	0		0.0	16.2	97.2
Gentry	6,826	1,515	22.2%	R	1	1515:1	45.4	80.3	100.0
Greene	285,865	57,947	20.3%	U	209	277:1	98.1	100.0	100.0
Grundy	10,197	2,279	22.3%	R	1	2279:1	85.4	99.5	100.0
Harrison	8,639	2,178	25.2%	R	0		8.8	75.5	93.9
Henry	22,028	5,609	25.5%	R	37	152:1	79.1	99.5	100.0
Hickory	9,219	1,917	20.8%	R	0		0.0	49.3	100.0
Holt	4,516	796	17.6%	R	0		0.0	12.6	80.3
Howard	10,159	2,195	21.6%	R	0		20.0	63.8	100.0
Howell	40,173	12,761	31.8%	R	1	12761:1	49.5	81.1	100.0
Iron	10,267	3,399	33.1%	R	0		0.0	33.0	100.0
Jackson	683,191	147,751	21.6%	U	163	906:1	99.5	100.0	100.0
Jasper	117,543	24,278	20.7%	B	31	783:1	92.5	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	5	6152:1	82.1	100.0	100.0
Johnson	54,362	6,748	12.4%	R	3	2249:1	61.5	100.0	100.0
Knox	4,000	807	20.2%	R	0		0.0	15.9	79.2

Laclede	35,439	9,941	28.1%	R	6	1657:1	88.1	98.2	100.0
Lafayette	32,688	6,297	19.3%	R	2	3149:1	36.3	87.9	100.0
Lawrence	38,023	5,472	14.4%	R	1	5472:1	89.4	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		0.0	0.0	40.6
Lincoln	54,249	9,810	18.1%	R	4	2453:1	66.8	90.9	100.0
Linn	12,311	2,131	17.3%	R	0		0.0	14.8	87.3
Livingston	15,053	2,945	19.6%	R	2	1473:1	80.0	100.0	100.0
Macon	15,479	3,096	20.0%	R	0		0.0	18.5	37.0
Madison	12,368	3,644	29.5%	R	0		0.0	23.2	94.8
Maries	9,013	1,381	15.3%	R	0		2.5	28.0	100.0
Marion	28,920	7,115	24.6%	R	3	2372:1	94.1	97.1	100.0
McDonald	22,800	6,626	29.1%	R	1	6626:1	59.2	97.8	100.0
Mercer	3,719	722	19.4%	R	0		0.0	0.0	79.4
Miller	25,141	6,281	25.0%	R	3	2094:1	43.3	96.4	100.0
Mississippi	14,232	4,705	33.1%	R	0		5.5	88.4	100.0
Moniteau	15,856	2,600	16.4%	R	0		0.0	92.5	100.0
Monroe	8,707	977	11.2%	R	0		0.0	13.3	63.1
Montgomery	11,841	2,713	22.9%	R	0		0.0	22.5	98.7
Morgan	20,240	5,158	25.5%	R	3	1719:1	66.0	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		2.3	15.7	60.3
Newton	58,598	17,745	30.3%	B	34	522:1	86.9	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	2	1331:1	63.1	97.3	100.0
Oregon	10,911	3,634	33.3%	R	0		0.0	3.9	87.2
Osage	13,703	1,413	10.3%	R	0		0.0	21.6	100.0
Ozark	9,492	2,429	25.6%	R	0		0.0	6.6	53.1
Pemiscot	17,650	7,173	40.6%	R	0		0.0	0.0	0.0
Perry	19,202	3,669	19.1%	R	0		0.0	4.4	74.8
Pettis	42,225	10,827	25.6%	R	5	2165:1	88.1	100.0	100.0
Phelps	44,847	9,505	21.2%	R	5	1901:1	93.1	100.0	100.0
Pike	18,541	3,395	18.3%	R	0		0.0	2.6	32.3
Platte	94,788	9,061	9.6%	B	9	1007:1	90.0	99.3	100.0
Polk	31,054	7,867	25.3%	R	18	437:1	73.1	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	5	1615:1	73.9	100.0	100.0
Putnam	4,829	1,082	22.4%	R	0		0.0	3.6	99.1
Ralls	10,255	2,006	19.6%	R	0		13.6	58.4	100.0
Randolph	25,072	5,833	23.3%	R	0		0.0	1.4	9.4
Ray	22,949	3,522	15.3%	R	0		1.4	81.3	100.0
Reynolds	6,565	1,798	27.4%	R	0		0.0	36.0	77.9
Ripley	13,969	4,979	35.6%	R	0		10.5	27.1	96.0
Saline	23,347	5,057	21.7%	R	2	2529:1	68.9	98.6	100.0
Schuyler	4,370	955	21.9%	R	0		0.0	32.6	100.0
Scotland	4,863	822	16.9%	R	0		0.0	0.0	0.0
Scott	38,903	12,455	32.0%	R	2	6228:1	75.0	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		0.0	0.0	0.0
Shelby	6,108	1,543	25.3%	R	0		0.0	0.0	14.0
St. Charles	379,493	33,082	8.7%	U	23	1438:1	97.9	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	0		0.0	58.3	100.0
St. Francois	65,960	16,584	25.1%	B	1	16584:1	50.4	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	103	975:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	111	1412:1	99.8	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	0		4.4	35.9	86.0
Stoddard	29,867	8,421	28.2%	R	1	8421:1	11.4	39.7	100.0
Stone	31,104	5,756	18.5%	R	2	2878:1	72.1	98.3	100.0
Sullivan	6,411	1,529	23.8%	R	1	1529:1	56.2	95.6	100.0
Taney	54,230	13,078	24.1%	R	17	769:1	77.8	97.4	99.6
Texas	25,642	6,584	25.7%	R	0		16.1	44.8	90.7
Vernon	21,001	5,049	24.0%	R	21	240:1	80.3	99.0	100.0
Warren	33,253	6,188	18.6%	R	1	6188:1	93.5	100.0	100.0
Washington	25,077	7,202	28.7%	R	1	7202:1	20.5	95.1	100.0
Wayne	13,452	4,681	34.8%	R	1	4681:1	56.8	96.3	100.0
Webster	36,888	9,281	25.2%	R	7	1326:1	92.3	100.0	100.0
Worth	2,073	431	20.8%	R	0		3.7	74.0	100.0
Wright	18,291	6,926	37.9%	R	10	693:1	83.6	100.0	100.0
TOTAL:	6,063,589	1,187,627	19.6%		1,057		77.2	89.8	96.0

FFS Network Adequacy – Behavioral Health Services (LPC - PLPC)

Demographics					LPC - PLPC				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 40 miles
Adair	25602	4947	19.3%	R	13	381:1	91.7	100	100
Andrew	17379	4822	27.7%	R	2	2411:1	86.8	99.4	100
Atchison	5382	924	17.2%	R	3	308:1	89.9	100	100
Audrain	25887	6299	24.3%	R	11	573:1	62	98.8	100
Barry	35662	13341	37.4%	R	27	494:1	80.1	99.5	100
Barton	12057	2869	23.8%	R	6	478:1	68.1	98.6	100
Bates	16584	3391	20.4%	R	5	678:1	70.4	100	100
Benton	18806	4790	25.5%	R	4	1198:1	61.9	100	100
Bollinger	12394	3195	25.8%	R	0		5.4	31.4	100
Boone	172717	22941	13.3%	B	69	332:1	92.6	100	100
Buchanan	89486	18459	20.6%	B	32	577:1	98.4	99.6	100
Butler	42972	13648	31.8%	R	15	910:1	90.4	99.5	100
Caldwell	9034	1693	18.7%	R	0		0	14.7	100
Callaway	44750	7644	17.1%	R	10	764:1	92.2	100	100
Camden	44021	7510	17.1%	R	22	341:1	90.4	100	100
Cape Girardeau	78043	14234	18.2%	B	74	192:1	90.9	100	100
Carroll	9043	1865	20.6%	R	1	1865:1	68	93.5	100
Carter	6258	2185	34.9%	R	3	728:1	85.1	100	100
Cass	100889	15118	15.0%	B	20	756:1	92.4	100	100
Cedar	13952	4299	30.8%	R	6	717:1	96.9	100	100
Chariton	7694	2018	26.2%	R	1	2018:1	31.9	58.6	100
Christian	82101	14800	18.0%	B	37	400:1	95.8	100	100
Clark	6917	1365	19.7%	R	3	455:1	79.3	100	100
Clay	233682	30763	13.2%	B	57	540:1	98.4	100	100
Clinton	20299	2120	10.4%	R	1	2120:1	33.7	97.6	100
Cole	76557	12634	16.5%	B	48	263:1	95.2	100	100
Cooper	17585	3333	19.0%	R	5	667:1	64.8	99.2	100
Crawford	24650	6103	24.8%	R	7	872:1	83.4	100	100
Dade	7628	1881	24.7%	R	1	1881:1	71.3	100	100
Dallas	16389	3891	23.7%	R	3	1297:1	80.1	100	100
Daviess	8297	1725	20.8%	R	0		0	33.6	100
DeKalb	12692	2922	23.0%	R	0		0	6.4	100
Dent	15655	4321	27.6%	R	5	864:1	90.6	100	100
Douglas	13546	3386	25.0%	R	2	1693:1	73.7	100	100
Dunklin	31344	12438	39.7%	R	8	1555:1	70.7	98.9	100
Franklin	102084	19871	19.5%	B	18	1104:1	82.4	100	100
Gasconade	14866	3112	20.9%	R	2	1556:1	76.8	100	100
Gentry	6826	1515	22.2%	R	1	1515:1	46.5	80.3	100
Greene	285865	57947	20.3%	U	289	201:1	98.2	100	100
Grundy	10197	2279	22.3%	R	6	380:1	85.4	100	100
Harrison	8639	2178	25.2%	R	1	2178:1	67.4	96.3	100
Henry	22028	5609	25.5%	R	36	156:1	79.1	99.5	100
Hickory	9219	1917	20.8%	R	2	959:1	76.6	100	100
Holt	4516	796	17.6%	R	3	265:1	53.6	100	100
Howard	10159	2195	21.6%	R	5	439:1	72.8	100	100
Howell	40173	12761	31.8%	R	16	798:1	81.9	100	100
Iron	10267	3399	33.1%	R	1	3399:1	60	100	100
Jackson	683191	147751	21.6%	U	264	560:1	99.8	100	100
Jasper	117543	24278	20.7%	B	51	476:1	94.4	100	100
Jefferson	222716	30761	13.8%	B	42	732:1	98.5	100	100
Johnson	54362	6748	12.4%	R	18	375:1	77.3	100	100
Knox	4000	807	20.2%	R	1	807:1	82.4	95.9	100
Laclede	35439	9941	28.1%	R	18	552:1	91.5	99.7	100
Lafayette	32688	6297	19.3%	R	18	350:1	66.2	99	100
Lawrence	38023	5472	14.4%	R	7	782:1	93.5	100	100
Lewis	10138	1745	17.2%	R	4	436:1	73.6	100	100
Lincoln	54249	9810	18.1%	R	13	755:1	85.4	100	100
Linn	12311	2131	17.3%	R	0		0	8.3	100
Livingston	15053	2945	19.6%	R	4	736:1	80	100	100

Demographics					LPC - PLPC				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 40 miles
Macon	15479	3096	20.0%	R	4	774:1	73.9	100	100
Madison	12368	3644	29.5%	R	8	456:1	80.9	100	100
Marion	9013	1381	15.3%	R	2	691:1	66.3	97.9	100
Marion	28920	7115	24.6%	R	19	374:1	96.6	100	100
McDonald	22800	6626	29.1%	R	5	1325:1	65.8	97.8	100
Mercer	3719	722	19.4%	R	0		0	4.4	100
Miller	25141	6281	25.0%	R	5	1256:1	76.4	98	100
Mississippi	14232	4705	33.1%	R	2	2353:1	94.2	100	100
Moniteau	15856	2600	16.4%	R	2	1300:1	63.7	100	100
Monroe	8707	977	11.2%	R	0		0	59.4	100
Montgomery	11841	2713	22.9%	R	0		6.7	65.6	100
Morgan	20240	5158	25.5%	R	3	1719:1	61.2	100	100
New Madrid	18272	5771	31.6%	R	1	5771:1	24.3	100	100
Newton	58598	17745	30.3%	B	63	282:1	99.4	100	100
Nodaway	23081	2662	11.5%	R	3	887:1	69	98.9	100
Oregon	10911	3634	33.3%	R	4	909:1	86.9	100	100
Osage	13703	1413	10.3%	R	2	707:1	72.5	100	100
Ozark	9492	2429	25.6%	R	0		0	44.7	100
Pemiscot	17650	7173	40.6%	R	3	2391:1	75.3	100	100
Perry	19202	3669	19.1%	R	4	917:1	89	100	100
Pettis	42225	10827	25.6%	R	15	722:1	87.8	100	100
Phelps	44847	9505	21.2%	R	45	211:1	97.4	100	100
Pike	18541	3395	18.3%	R	7	485:1	53.4	99.9	100
Platte	94788	9061	9.6%	B	25	362:1	98.6	100	100
Polk	31054	7867	25.3%	R	16	492:1	85.1	100	100
Pulaski	53436	8076	15.1%	R	38	213:1	91.3	100	100
Putnam	4829	1082	22.4%	R	0		0	4.8	86.2
Ralls	10255	2006	19.6%	R	2	1003:1	45	100	100
Randolph	25072	5833	23.3%	R	11	530:1	88.2	100	100
Ray	22949	3522	15.3%	R	1	3522:1	68.1	100	100
Reynolds	6565	1798	27.4%	R	5	360:1	51.8	100	100
Ripley	13969	4979	35.6%	R	5	996:1	86	99.6	100
Saline	23347	5057	21.7%	R	12	421:1	68.9	98.6	100
Schuyler	4370	955	21.9%	R	0		0	49.8	100
Scotland	4863	822	16.9%	R	4	206:1	71.9	100	100
Scott	38903	12455	32.0%	R	14	890:1	83.1	100	100
Shannon	8329	2337	28.1%	R	0		0	40.7	100
Shelby	6108	1543	25.3%	R	0		0	31.6	100
St. Charles	379493	33082	8.7%	U	82	403:1	100	100	100
St. Clair	9457	2123	22.4%	R	1	2123:1	56.1	89.9	100
St. Francois	65960	16584	25.1%	B	36	461:1	99.1	100	100
St. Louis City	317419	100441	31.6%	U	71	1415:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	296	529:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	2	1402:1	80.1	100	100
Stoddard	29867	8421	28.2%	R	5	1684:1	73.9	98.9	100
Stone	31104	5756	18.5%	R	2	2878:1	47.3	100	100
Sullivan	6411	1529	23.8%	R	0		0	16.8	100
Taney	54230	13078	24.1%	R	15	872:1	96.7	100	100
Texas	25642	6584	25.7%	R	7	941:1	79	93.7	100
Vernon	21001	5049	24.0%	R	22	230:1	87.9	99	100
Warren	33253	6188	18.6%	R	6	1031:1	100	100	100
Washington	25077	7202	28.7%	R	0		37.2	95.3	100
Wayne	13452	4681	34.8%	R	5	936:1	63.4	93.5	100
Webster	36888	9281	25.2%	R	7	1326:1	94.5	100	100
Worth	2073	431	20.8%	R	0		0	86.3	100
Wright	18291	6926	37.9%	R	13	533:1	78.8	100	100
TOTAL:	6,063,589	1,187,627	19.6%		2,221		89.1	98.1	100.0

FFS Network Adequacy – Behavioral Health Services (Psychiatry)

Demographics					Psychiatry						
County	Total Population	Eligibles	% Medicaid	County Type			Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
				Urban	Basic	Rural					
Adair	25602	4947	19.3%	R			5	989:1	100	100	100
Andrew	17379	4822	27.7%	R			0		99.4	100	100
Atchison	5382	924	17.2%	R			1	924:1	95.5	100	100
Audrain	25887	6299	24.3%	R			11	573:1	86.4	100	100
Barry	35662	13341	37.4%	R			3	4447:1	98.6	100	100
Barton	12057	2869	23.8%	R			0		8.4	100	100
Bates	16584	3391	20.4%	R			2	1696:1	100	100	100
Benton	18806	4790	25.5%	R			1	4790:1	98.9	100	100
Bollinger	12394	3195	25.8%	R			0		85.2	100	100
Boone	172717	22941	13.3%	B			70	328:1	100	100	100
Buchanan	89486	18459	20.6%	B			26	710:1	99.4	100	100
Butler	42972	13648	31.8%	R			25	546:1	100	100	100
Caldwell	9034	1693	18.7%	R			0		14.6	100	100
Callaway	44750	7644	17.1%	R			13	588:1	100	100	100
Camden	44021	7510	17.1%	R			2	3755:1	100	100	100
Cape Girardeau	78043	14234	18.2%	B			22	647:1	100	100	100
Carroll	9043	1865	20.6%	R			1	1865:1	96.8	100	100
Carter	6258	2185	34.9%	R			1	2185:1	100	100	100
Cass	100889	15118	15.0%	B			11	1374:1	98.7	100	100
Cedar	13952	4299	30.8%	R			2	2150:1	100	100	100
Chariton	7694	2018	26.2%	R			0		30.7	100	100
Christian	82101	14800	18.0%	B			2	7400:1	99.1	100	100
Clark	6917	1365	19.7%	R			0		0	34.4	100
Clay	233682	30763	13.2%	B			40	769:1	100	100	100
Clinton	20299	2120	10.4%	R			0		78.4	100	100
Cole	76557	12634	16.5%	B			33	383:1	99.8	100	100
Cooper	17585	3333	19.0%	R			1	3333:1	100	100	100
Crawford	24650	6103	24.8%	R			1	6103:1	97.1	100	100
Dade	7628	1881	24.7%	R			0		74.5	100	100
Dallas	16389	3891	23.7%	R			1	3891:1	100	100	100
Daviess	8297	1725	20.8%	R			0		37.7	100	100
DeKalb	12692	2922	23.0%	R			0		11	100	100
Dent	15655	4321	27.6%	R			1	4321:1	100	100	100
Douglas	13546	3386	25.0%	R			0		0	100	100
Dunklin	31344	12438	39.7%	R			6	2073:1	93.7	100	100
Franklin	102084	19871	19.5%	B			21	946:1	99.6	100	100
Gasconade	14866	3112	20.9%	R			0		21.6	100	100
Gentry	6826	1515	22.2%	R			1	1515:1	82.8	100	100
Greene	285865	57947	20.3%	U			60	966:1	100	100	100
Grundy	10197	2279	22.3%	R			2	1140:1	100	100	100
Harrison	8639	2178	25.2%	R			2	1089:1	97.2	100	100
Henry	22028	5609	25.5%	R			39	144:1	100	100	100
Hickory	9219	1917	20.8%	R			0		61.2	100	100
Holt	4516	796	17.6%	R			0		63.7	100	100
Howard	10159	2195	21.6%	R			1	2195:1	100	100	100
Howell	40173	12761	31.8%	R			16	798:1	99.4	100	100
Iron	10267	3399	33.1%	R			2	1700:1	95.2	100	100
Jackson	683191	147751	21.6%	U			183	807:1	100	100	100
Jasper	117543	24278	20.7%	B			4	6070:1	99.9	100	100
Jefferson	222716	30761	13.8%	B			21	1465:1	100	100	100
Johnson	54362	6748	12.4%	R			2	3374:1	100	100	100
Knox	4000	807	20.2%	R			0		74.5	100	100
Laclede	35439	9941	28.1%	R			2	4971:1	98.6	100	100
Lafayette	32688	6297	19.3%	R			9	700:1	100	100	100
Lawrence	38023	5472	14.4%	R			1	5472:1	100	100	100
Lewis	10138	1745	17.2%	R			0		14.7	100	100
Lincoln	54249	9810	18.1%	R			3	3270:1	100	100	100
Linn	12311	2131	17.3%	R			0		9.1	100	100
Livingston	15053	2945	19.6%	R			2	1473:1	100	100	100

Demographics					Psychiatry				
County	Total Population	Eligibles	% Medicaid	County Type	Physicians	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 22 miles	1 provider within 45 miles	1 provider within 90 miles
Macon	15479	3096	20.0%	R	1	3096:1	99	100	100
Madison	12368	3644	29.5%	R	1	3644:1	100	100	100
Maries	9013	1381	15.3%	R	0		33.4	100	100
Marion	28920	7115	24.6%	R	9	791:1	100	100	100
McDonald	22800	6626	29.1%	R	0		12.8	100	100
Mercer	3719	722	19.4%	R	0		40	100	100
Miller	25141	6281	25.0%	R	0		92	100	100
Mississippi	14232	4705	33.1%	R	0		94.2	100	100
Moniteau	15856	2600	16.4%	R	0		97.6	100	100
Monroe	8707	977	11.2%	R	0		68.8	100	100
Montgomery	11841	2713	22.9%	R	0		26.2	100	100
Morgan	20240	5158	25.5%	R	2	2579:1	100	100	100
New Madrid	18272	5771	31.6%	R	0		91.5	100	100
Newton	58598	17745	30.3%	B	26	683:1	97.2	100	100
Nodaway	23081	2662	11.5%	R	5	532:1	98.5	100	100
Oregon	10911	3634	33.3%	R	0		7.7	100	100
Osage	13703	1413	10.3%	R	0		42.3	100	100
Ozark	9492	2429	25.6%	R	0		13.3	100	100
Pemiscot	17650	7173	40.6%	R	3	2391:1	100	100	100
Perry	19202	3669	19.1%	R	2	1835:1	99.8	100	100
Pettis	42225	10827	25.6%	R	4	2707:1	100	100	100
Phelps	44847	9505	21.2%	R	16	594:1	99.7	100	100
Pike	18541	3395	18.3%	R	0		5.8	100	100
Platte	94788	9061	9.6%	B	8	1133:1	99.7	100	100
Polk	31054	7867	25.3%	R	11	715:1	100	100	100
Pulaski	53436	8076	15.1%	R	5	1615:1	100	100	100
Putnam	4829	1082	22.4%	R	1	1082:1	100	100	100
Ralls	10255	2006	19.6%	R	0		89.5	100	100
Randolph	25072	5833	23.3%	R	1	5833:1	100	100	100
Ray	22949	3522	15.3%	R	0		85	100	100
Reynolds	6565	1798	27.4%	R	2	899:1	100	100	100
Ripley	13969	4979	35.6%	R	1	4979:1	100	100	100
Saline	23347	5057	21.7%	R	5	1011:1	100	100	100
Schuyler	4370	955	21.9%	R	0		32.6	100	100
Scotland	4863	822	16.9%	R	0		0	100	100
Scott	38903	12455	32.0%	R	12	1038:1	98.3	100	100
Shannon	8329	2337	28.1%	R	1	2337:1	100	100	100
Shelby	6108	1543	25.3%	R	0		31.3	100	100
St. Charles	379493	33082	8.7%	U	62	534:1	100	100	100
St. Clair	9457	2123	22.4%	R	2	1062:1	100	100	100
St. Francois	65960	16584	25.1%	B	25	663:1	100	100	100
St. Louis City	317419	100441	31.6%	U	171	587:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	226	693:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R	2	1402:1	100	100	100
Stoddard	29867	8421	28.2%	R	1	8421:1	94.3	100	100
Stone	31104	5756	18.5%	R	0		93.4	100	100
Sullivan	6411	1529	23.8%	R	0		43.7	100	100
Taney	54230	13078	24.1%	R	7	1868:1	98.7	100	100
Texas	25642	6584	25.7%	R	0		18.4	100	100
Vernon	21001	5049	24.0%	R	21	240:1	100	100	100
Warren	33253	6188	18.6%	R	0		92.8	100	100
Washington	25077	7202	28.7%	R	3	2401:1	100	100	100
Wayne	13452	4681	34.8%	R	2	2341:1	100	100	100
Webster	36888	9281	25.2%	R	0		52.6	100	100
Worth	2073	431	20.8%	R	0		86.3	100	100
Wright	18291	6926	37.9%	R	0		4.9	99.8	100
TOTAL:	6,063,589	1,187,627	19.6%				94.2	99.9	100.0

FFS Network Adequacy – Behavioral Health Services (CMHC)

Demographics					CMHC						
County	Total Population	Eligibles	% Medicaid	County Type			Facilities	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 40 miles
				Urban	Basic	Rural					
Adair	25602	4947	19.3%	R			2	2474:1	87.3	100	100
Andrew	17379	4822	27.7%	R			0		61.4	94.5	100
Atchison	5382	924	17.2%	R			0		0	0	40.7
Audrain	25887	6299	24.3%	R			1	6299:1	57	84.2	100
Barry	35662	13341	37.4%	R			1	13341:1	30.5	68.5	98.6
Barton	12057	2869	23.8%	R			0		0	0	78.4
Bates	16584	3391	20.4%	R			0		0	0	82.2
Benton	18806	4790	25.5%	R			0		0	1.9	94.4
Bollinger	12394	3195	25.8%	R			0		0	0	94.6
Boone	172717	22941	13.3%	B			0		0.1	6	100
Buchanan	89486	18459	20.6%	B			1	18459:1	94.6	99.1	100
Butler	42972	13648	31.8%	B			1	13648:1	74.8	98	100
Caldwell	9034	1693	18.7%	R			0		0	0	53.6
Callaway	44750	7644	17.1%	R			0		22.1	42.1	100
Camden	44021	7510	17.1%	R			0		0	0	0.7
Cape Girardeau	78043	14234	18.2%	B			2	7117:1	70.7	94.4	100
Carroll	9043	1865	20.6%	R			0		0	0	0
Carter	6258	2185	34.9%	R			0		0	18.5	65.9
Cass	100889	15118	15.0%	B			0		0.3	69.9	100
Cedar	13952	4299	30.8%	R			0		0	0	14
Chariton	7694	2018	26.2%	R			0		0	3.8	89.2
Christian	82101	14800	18.0%	B			0		39.8	88.4	100
Clark	6917	1365	19.7%	R			0		0	0	0
Clay	233682	30763	13.2%	B			1	30763:1	82.1	90.9	100
Clinton	20299	2120	10.4%	R			0		0	15.9	100
Cole	76557	12634	16.5%	B			1	12634:1	81	96.7	100
Cooper	17585	3333	19.0%	R			0		0	0	12.4
Crawford	24650	6103	24.8%	R			0		0	5.5	99.4
Dade	7628	1881	24.7%	R			0		0	0	97.6
Dallas	16389	3891	23.7%	R			0		0	0	67.8
Daviess	8297	1725	20.8%	R			0		0	15.1	100
DeKalb	12692	2922	23.0%	R			0		0	3	100
Dent	15655	4321	27.6%	R			0		0	0.3	96.8
Douglas	13546	3386	25.0%	R			0		0	0	8.1
Dunklin	31344	12438	39.7%	R			0		0	0	32.2
Franklin	102084	19871	19.5%	B			0		0.5	15	93.3
Gasconade	14866	3112	20.9%	R			0		0	0	90
Gentry	6826	1515	22.2%	R			0		0	0	30.7
Greene	285865	57947	20.3%	U			3	19316:1	84.6	98.3	100
Grundy	10197	2279	22.3%	R			1	2279:1	85.4	100	100
Harrison	8639	2178	25.2%	R			0		0	5.5	91.6
Henry	22028	5609	25.5%	R			2	2805:1	59.8	83.2	100
Hickory	9219	1917	20.8%	R			0		0	0	8.8
Holt	4516	796	17.6%	R			0		0	0	100
Howard	10159	2195	21.6%	R			0		0	22.2	97
Howell	40173	12761	31.8%	R			1	12761:1	49.6	77.3	100
Iron	10267	3399	33.1%	R			0		0	0	4.1
Jackson	683191	147751	21.6%	U			8	18469:1	94.1	100	100
Jasper	117543	24278	20.7%	B			0		51.7	89.2	100
Jefferson	222716	30761	13.8%	B			1	30761:1	37.8	99.2	100
Johnson	54362	6748	12.4%	R			0		0	7.7	100
Knox	4000	807	20.2%	R			0		0	15.9	100
Laclede	35439	9941	28.1%	R			0		0	0	2.9
Lafayette	32688	6297	19.3%	R			0		0	11.5	85.7
Lawrence	38023	5472	14.4%	R			0		28.5	80.6	100
Lewis	10138	1745	17.2%	R			0		0	0	84.2
Lincoln	54249	9810	18.1%	R			0		0.9	60.6	100
Linn	12311	2131	17.3%	R			0		0	0	36.5
Livingston	15053	2945	19.6%	R			0		0	16	100

Demographics					CMHC				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Facilities	Ratio	Distance 1 provider within 10 miles	Distance 1 provider within 20 miles	Distance 1 provider within 40 miles
Macon	15479	3096	20.0%	R	0		4.3	78.6	100
Madison	12368	3644	29.5%	R	0		0	0	5.3
Marion	9013	1381	15.3%	R	0		2.5	11.8	100
Marion	28920	7115	24.6%	R	2	3558:1	83	95.6	100
McDonald	22800	6626	29.1%	R	0		0	1.3	89.3
Mercer	3719	722	19.4%	R	0		0	0	100
Miller	25141	6281	25.0%	R	0		0	0	66
Mississippi	14232	4705	33.1%	R	0		4.4	88.4	100
Moniteau	15856	2600	16.4%	R	0		0	11.5	100
Monroe	8707	977	11.2%	R	1	977:1	61	100	100
Montgomery	11841	2713	22.9%	R	0		0	1.9	99.6
Morgan	20240	5158	25.5%	R	0		0	0	10.9
New Madrid	18272	5771	31.6%	R	0		6.3	15.7	93.7
Newton	58598	17745	30.3%	B	1	17745:1	45.2	78.6	100
Nodaway	23081	2662	11.5%	R	0		0	0	26.2
Oregon	10911	3634	33.3%	R	0		0	3.9	95.3
Osage	13703	1413	10.3%	R	0		0	19.5	100
Ozark	9492	2429	25.6%	R	0		0	6.6	71.9
Pemiscot	17650	7173	40.6%	R	0		0	0	0
Perry	19202	3669	19.1%	R	0		0	0.4	35.2
Pettis	42225	10827	25.6%	R	0		0	0	15.4
Phelps	44847	9505	21.2%	R	1	9505:1	73.3	96.4	100
Pike	18541	3395	18.3%	R	0		0	4.2	98.3
Platte	94788	9061	9.6%	B	0		69.6	90.8	100
Polk	31054	7867	25.3%	R	0		0	11.8	83.7
Pulaski	53436	8076	15.1%	R	0		0	7.3	88.9
Putnam	4829	1082	22.4%	R	0		0	3.6	76.2
Ralls	10255	2006	19.6%	R	1	2006:1	26.9	89	100
Randolph	25072	5833	23.3%	R	1	5833:1	85.7	100	100
Ray	22949	3522	15.3%	R	0		0	0.8	96.8
Reynolds	6565	1798	27.4%	R	0		0	0	0
Ripley	13969	4979	35.6%	R	0		0	10.5	96
Saline	23347	5057	21.7%	R	0		0	0	1.6
Schuyler	4370	955	21.9%	R	0		0	32.6	100
Scotland	4863	822	16.9%	R	0		0	0	87.7
Scott	38903	12455	32.0%	R	1	12455:1	70.9	98.3	100
Shannon	8329	2337	28.1%	R	0		0	0	38.4
Shelby	6108	1543	25.3%	R	1	1543:1	24.4	85.9	100
St. Charles	379493	33082	8.7%	U	3	11027:1	97.5	100	100
St. Clair	9457	2123	22.4%	R	0		0	15.9	100
St. Francois	65960	16584	25.1%	B	0		0	6.8	98.4
St. Louis City	317419	100441	31.6%	U	5	20088:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	5	31339:1	95.5	100	100
Ste. Genevieve	17914	2803	15.6%	R	0		0	8.7	86.3
Stoddard	29867	8421	28.2%	R	0		0	9.7	100
Stone	31104	5756	18.5%	R	0		0	2.9	74.8
Sullivan	6411	1529	23.8%	R	0		0	13	100
Taney	54230	13078	24.1%	R	0		0	0	83.9
Texas	25642	6584	25.7%	R	0		0	0	58.2
Vernon	21001	5049	24.0%	R	0		0	0	3.6
Warren	33253	6188	18.6%	R	0		0	69.2	100
Washington	25077	7202	28.7%	R	0		0	4.3	90.7
Wayne	13452	4681	34.8%	R	0		8.6	27.9	100
Webster	36888	9281	25.2%	R	0		5.2	25.8	97.4
Worth	2073	431	20.8%	R	0		0	0	0
Wright	18291	6926	37.9%	R	0		0	0	18.2
TOTAL:	6,063,589	1,187,627	19.6%		48		54.6	67.5	90.1

FFS Network Adequacy – OB/GYN Providers

Demographics					OB/GYN					
County	Total Population	Eligibles	% Medicaid	County Type		Physicians	Ratio	Distance		
				Urban Basic	Rural			1 provider within 15 miles	1 provider within 30 miles	1 provider within 60 miles
Adair	25602	4947	19.3%	R		4	1237:1	99.9	100	100
Andrew	17379	4822	27.7%	R		3	1607:1	98.7	100	100
Atchison	5382	924	17.2%	R		1	924:1	86.6	100	100
Audrain	25887	6299	24.3%	R		2	3150:1	66.7	100	100
Barry	35662	13341	37.4%	R		2	6671:1	89.9	100	100
Barton	12057	2869	23.8%	R		6	478:1	89.3	100	100
Bates	16584	3391	20.4%	R		1	3391:1	91.4	100	100
Benton	18806	4790	25.5%	R		2	2395:1	85.2	100	100
Bollinger	12394	3195	25.8%	R		0		14.8	100	100
Boone	172717	22941	13.3%	B		53	433:1	98.9	100	100
Buchanan	89486	18459	20.6%	B		23	803:1	99	100	100
Butler	42972	13648	31.8%	R		7	1950:1	96.1	100	100
Caldwell	9034	1693	18.7%	R		0		40	100	100
Callaway	44750	7644	17.1%	R		1	7644:1	96.5	100	100
Camden	44021	7510	17.1%	R		6	1252:1	88.9	100	100
Cape Girardeau	78043	14234	18.2%	B		20	712:1	92.8	100	100
Carroll	9043	1865	20.6%	R		4	466:1	95.3	100	100
Carter	6258	2185	34.9%	R		1	2185:1	50.2	100	100
Cass	100889	15118	15.0%	B		11	1374:1	92.8	100	100
Cedar	13952	4299	30.8%	R		5	860:1	98	100	100
Chariton	7694	2018	26.2%	R		2	1009:1	81.7	100	100
Christian	82101	14800	18.0%	B		2	7400:1	98.3	100	100
Clark	6917	1365	19.7%	R		0		0	76.1	100
Clay	233682	30763	13.2%	B		43	715:1	97.2	100	100
Clinton	20299	2120	10.4%	R		0		22.8	100	100
Cole	76557	12634	16.5%	B		24	526:1	98.6	100	100
Cooper	17585	3333	19.0%	R		0		11.4	100	100
Crawford	24650	6103	24.8%	R		0		34.2	100	100
Dade	7628	1881	24.7%	R		2	941:1	100	100	100
Dallas	16389	3891	23.7%	R		1	3891:1	84.1	100	100
Daviess	8297	1725	20.8%	R		0		14.1	100	100
DeKalb	12692	2922	23.0%	R		3	974:1	84.2	100	100
Dent	15655	4321	27.6%	R		0		6.2	92.8	100
Douglas	13546	3386	25.0%	R		0		0	91.1	100
Dunklin	31344	12438	39.7%	R		3	4146:1	53.9	100	100
Franklin	102084	19871	19.5%	B		9	2208:1	69.3	100	100
Gasconade	14866	3112	20.9%	R		0		0.8	77.7	100
Gentry	6826	1515	22.2%	R		1	1515:1	74.7	100	100
Greene	285865	57947	20.3%	U		84	690:1	96.7	100	100
Grundy	10197	2279	22.3%	R		9	253:1	99.1	100	100
Harrison	8639	2178	25.2%	R		1	2178:1	81.9	100	100
Henry	22028	5609	25.5%	R		5	1122:1	75	100	100
Hickory	9219	1917	20.8%	R		0		0	100	100
Holt	4516	796	17.6%	R		0		24.9	100	100
Howard	10159	2195	21.6%	R		0		17.8	100	100
Howell	40173	12761	31.8%	R		9	1418:1	66.8	100	100
Iron	10267	3399	33.1%	R		5	680:1	100	100	100
Jackson	683191	147751	21.6%	U		174	849:1	100	100	100
Jasper	117543	24278	20.7%	B		12	2023:1	98.3	100	100
Jefferson	222716	30761	13.8%	B		11	2796:1	90	100	100
Johnson	54362	6748	12.4%	R		7	964:1	97.5	100	100
Knox	4000	807	20.2%	R		0		0	95.2	100
Laclede	35439	9941	28.1%	R		5	1988:1	85	100	100
Lafayette	32688	6297	19.3%	R		4	1574:1	98.2	100	100
Lawrence	38023	5472	14.4%	R		2	2736:1	82.1	100	100
Lewis	10138	1745	17.2%	R		0		0	28.3	100
Lincoln	54249	9810	18.1%	R		2	4905:1	84.4	100	100
Linn	12311	2131	17.3%	R		1	2131:1	94.9	100	100
Livingston	15053	2945	19.6%	R		4	736:1	95.8	100	100

Demographics					OB/GYN					
County	Total Population	Eligibles	% Medicaid	County Type		Physicians	Ratio	Distance		
				Urban Basic	Rural			1 provider within 15 miles	1 provider within 30 miles	1 provider within 60 miles
Macon	15479	3096	20.0%	R		2	1548:1	84.1	100	100
Madison	12368	3644	29.5%	R		2	1822:1	100	100	100
Marion	9013	1381	15.3%	R		0		7.6	93.3	100
Marion	28920	7115	24.6%	R		5	1423:1	96.5	100	100
McDonald	22800	6626	29.1%	R		1	6626:1	77.7	100	100
Mercer	3719	722	19.4%	R		0		0	100	100
Miller	25141	6281	25.0%	R		2	3141:1	84.5	100	100
Mississippi	14232	4705	33.1%	R		0		33.6	100	100
Moniteau	15856	2600	16.4%	R		0		16	100	100
Monroe	8707	977	11.2%	R		1	977:1	92.5	100	100
Montgomery	11841	2713	22.9%	R		0		0	99.6	100
Morgan	20240	5158	25.5%	R		3	1719:1	96.2	100	100
New Madrid	18272	5771	31.6%	R		0		26.4	100	100
Newton	58598	17745	30.3%	B		24	739:1	96.7	100	100
Nodaway	23081	2662	11.5%	R		4	666:1	82.6	100	100
Oregon	10911	3634	33.3%	R		1	3634:1	55.9	100	100
Osage	13703	1413	10.3%	R		0		7	100	100
Ozark	9492	2429	25.6%	R		0		3.3	41.6	100
Pemiscot	17650	7173	40.6%	R		2	3587:1	90.1	100	100
Perry	19202	3669	19.1%	R		4	917:1	93.2	100	100
Pettis	42225	10827	25.6%	R		6	1805:1	99.3	100	100
Phelps	44847	9505	21.2%	R		11	864:1	89.9	100	100
Pike	18541	3395	18.3%	R		0		0	29.7	100
Platte	94788	9061	9.6%	B		10	906:1	98.4	100	100
Polk	31054	7867	25.3%	R		8	983:1	84.8	100	100
Pulaski	53436	8076	15.1%	R		2	4038:1	89.3	100	100
Putnam	4829	1082	22.4%	R		1	1082:1	81.3	100	100
Ralls	10255	2006	19.6%	R		1	2006:1	74.9	100	100
Randolph	25072	5833	23.3%	R		4	1458:1	96.7	100	100
Ray	22949	3522	15.3%	R		0		57.2	100	100
Reynolds	6565	1798	27.4%	R		2	899:1	84.5	100	100
Ripley	13969	4979	35.6%	R		2	2490:1	96.8	100	100
Saline	23347	5057	21.7%	R		6	843:1	74.3	100	100
Schuyler	4370	955	21.9%	R		0		17.3	100	100
Scotland	4863	822	16.9%	R		3	274:1	100	100	100
Scott	38903	12455	32.0%	R		8	1557:1	98.6	100	100
Shannon	8329	2337	28.1%	R		0		0	94.8	100
Shelby	6108	1543	25.3%	R		0		27.7	100	100
St. Charles	379493	33082	8.7%	U		90	368:1	100	100	100
St. Clair	9457	2123	22.4%	R		0		10.9	100	100
St. Francois	65960	16584	25.1%	B		24	691:1	100	100	100
St. Louis City	317419	100441	31.6%	U		151	665:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U		351	446:1	100	100	100
Ste. Genevieve	17914	2803	15.6%	R		4	701:1	97.8	100	100
Stoddard	29867	8421	28.2%	R		6	1404:1	78.5	100	100
Stone	31104	5756	18.5%	R		0		51.8	100	100
Sullivan	6411	1529	23.8%	R		2	765:1	82.9	100	100
Taney	54230	13078	24.1%	R		13	1006:1	95.5	100	100
Texas	25642	6584	25.7%	R		2	3292:1	48	100	100
Vernon	21001	5049	24.0%	R		3	1683:1	93.4	100	100
Warren	33253	6188	18.6%	R		0		63.6	100	100
Washington	25077	7202	28.7%	R		1	7202:1	91.4	100	100
Wayne	13452	4681	34.8%	R		2	2341:1	89.5	100	100
Webster	36888	9281	25.2%	R		0		23.7	98.1	100
Worth	2073	431	20.8%	R		0		7.2	100	100
Wright	18291	6926	37.9%	R		0		1.2	63.4	100
TOTAL:	6,063,589	1,187,627				1,341		88.0	99.2	100.0

FFS Network Adequacy – Home Health Agencies

County	Total Population	Eligibles	% Medicaid	County Type		Providers	Ratio	Distance		
				Urban	Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Adair	25602	4947	19.3%	R		2	2474:1	83.8	100	100
Andrew	17379	4822	27.7%	R		0		69	96.8	100
Atchison	5382	924	17.2%	R		1	924:1	67.9	94.2	100
Audrain	25887	6299	24.3%	R		1	6299:1	57.2	97.6	100
Barry	35662	13341	37.4%	R		1	13341:1	32.2	78.5	98.5
Barton	12057	2869	23.8%	R		1	2869:1	68.1	95.9	100
Bates	16584	3391	20.4%	R		0		0	40.3	92.2
Benton	18806	4790	25.5%	R		1	4790:1	59.6	82.5	98.9
Bollinger	12394	3195	25.8%	R		0		0	25.3	98.6
Boone	172717	22941	13.3%	B		5	4588:1	89.5	100	100
Buchanan	89486	18459	20.6%	B		3	6153:1	97.3	99.4	100
Butler	42972	13648	31.8%	R		1	13648:1	78	99.6	100
Caldwell	9034	1693	18.7%	R		0		2.5	60.2	100
Callaway	44750	7644	17.1%	R		0		13.4	55.8	100
Camden	44021	7510	17.1%	R		2	3755:1	61.6	94.6	100
Cape Girardeau	78043	14234	18.2%	B		3	4745:1	91.1	99.1	100
Carroll	9043	1865	20.6%	R		1	1865:1	68	93.5	100
Carter	6258	2185	34.9%	R		1	2185:1	39.7	93.8	100
Cass	100889	15118	15.0%	B		1	15118:1	49.1	97.8	100
Cedar	13952	4299	30.8%	R		2	2150:1	59.4	85.2	100
Chariton	7694	2018	26.2%	R		0		0	15.3	56
Christian	82101	14800	18.0%	B		1	14800:1	76.6	99.5	100
Clark	6917	1365	19.7%	R		1	1365:1	79.3	100	100
Clay	233682	30763	13.2%	B		4	7691:1	96.8	100	100
Clinton	20299	2120	10.4%	R		0		1.7	72.6	100
Cole	76557	12634	16.5%	B		3	4211:1	88	98.7	100
Cooper	17585	3333	19.0%	R		0		0	66.5	88.6
Crawford	24650	6103	24.8%	R		0		19.9	55.3	100
Dade	7628	1881	24.7%	R		0		0	13.3	100
Dallas	16389	3891	23.7%	R		0		0	58.2	98.7
Daviess	8297	1725	20.8%	R		0		1	47.7	100
DeKalb	12692	2922	23.0%	R		1	2922:1	72.5	95.6	100
Dent	15655	4321	27.6%	R		1	4321:1	74.8	90.5	100
Douglas	13546	3386	25.0%	R		0		0	4.4	64.2
Dunklin	31344	12438	39.7%	R		3	4146:1	82.9	93.5	99.4
Franklin	102084	19871	19.5%	B		3	6624:1	62.5	100	100
Gasconade	14866	3112	20.9%	R		1	3112:1	23.9	41.2	100
Gentry	6826	1515	22.2%	R		1	1515:1	45.4	80.3	100
Greene	285865	57947	20.3%	U		9	6439:1	86.3	98.4	100
Grundy	10197	2279	22.3%	R		1	2279:1	85.4	99	100
Harrison	8639	2178	25.2%	R		1	2178:1	67.4	96.1	100
Henry	22028	5609	25.5%	R		1	5609:1	58.1	83.2	100
Hickory	9219	1917	20.8%	R		0		0	18.8	100
Holt	4516	796	17.6%	R		0		6.3	24.7	98.7
Howard	10159	2195	21.6%	R		1	2195:1	50.7	100	100
Howell	40173	12761	31.8%	R		4	3190:1	70.6	99	100
Iron	10267	3399	33.1%	R		1	3399:1	57.5	84.5	100
Jackson	683191	147751	21.6%	U		14	10554:1	98.5	100	100
Jasper	117543	24278	20.7%	B		1	24278:1	61.6	98.1	100
Jefferson	222716	30761	13.8%	B		2	15381:1	76.5	100	100
Johnson	54362	6748	12.4%	R		1	6748:1	60.2	100	100
Knox	4000	807	20.2%	R		1	807:1	74.5	95.9	100
Laclede	35439	9941	28.1%	R		1	9941:1	72.2	95.3	100
Lafayette	32688	6297	19.3%	R		1	6297:1	47.5	92	100
Lawrence	38023	5472	14.4%	R		1	5472:1	63.5	100	100
Lewis	10138	1745	17.2%	R		1	1745:1	19.7	98.2	100
Lincoln	54249	9810	18.1%	R		1	9810:1	65	95	100
Linn	12311	2131	17.3%	R		0		0	0	10.1
Livingston	15053	2945	19.6%	R		0		0	25.2	100

DEMOGRAPHICS					HOME HEALTH AGENCIES				
County	Total Population	Eligibles	% Medicaid	County Type	Providers	Ratio	Distance	Distance	Distance
				Urban Basic Rural			1 provider within 10 miles	1 provider within 20 miles	1 provider within 30 miles
Macon	15479	3096	20.0%	R	0		0	23.1	93.2
Madison	12368	3644	29.5%	R	1	3644:1	78	97.1	100
Marion	9013	1381	15.3%	R	0		2.5	40.6	100
Marion	28920	7115	24.6%	R	1	7115:1	80.3	97	100
McDonald	22800	6626	29.1%	R	0		0	1.3	33
Mercer	3719	722	19.4%	R	0		0	4.4	79.4
Miller	25141	6281	25.0%	R	1	6281:1	34.7	97.7	100
Mississippi	14232	4705	33.1%	R	0		6.6	88.4	100
Moniteau	15856	2600	16.4%	R	0		0	54.9	78.3
Monroe	8707	977	11.2%	R	1	977:1	61	100	100
Montgomery	11841	2713	22.9%	R	1	2713:1	61	100	100
Morgan	20240	5158	25.5%	R	0		3.3	27.8	86.4
New Madrid	18272	5771	31.6%	R	0		14.3	64.3	100
Newton	58598	17745	30.3%	B	2	8873:1	47.8	92.1	100
Nodaway	23081	2662	11.5%	R	1	2662:1	61.5	95.6	100
Oregon	10911	3634	33.3%	R	0		0	7.7	100
Osage	13703	1413	10.3%	R	0		0	29.9	100
Ozark	9492	2429	25.6%	R	0		0	6.6	41.6
Pemiscot	17650	7173	40.6%	R	1	7173:1	72.5	100	100
Perry	19202	3669	19.1%	R	1	3669:1	77.4	99.8	100
Pettis	42225	10827	25.6%	R	0		0	6.1	73.8
Phelps	44847	9505	21.2%	R	3	3168:1	77.8	99.3	100
Pike	18541	3395	18.3%	R	1	3395:1	50	98.8	100
Platte	94788	9061	9.6%	B	2	4531:1	81	97.4	100
Polk	31054	7867	25.3%	R	1	7867:1	56.5	100	100
Pulaski	53436	8076	15.1%	R	1	8076:1	27.7	99	100
Putnam	4829	1082	22.4%	R	0		0	11.4	82.6
Ralls	10255	2006	19.6%	R	1	2006:1	23.8	72.8	100
Randolph	25072	5833	23.3%	R	2	2917:1	87	100	100
Ray	22949	3522	15.3%	R	1	3522:1	79.8	100	100
Reynolds	6565	1798	27.4%	R	1	1798:1	43.8	72.7	100
Ripley	13969	4979	35.6%	R	2	2490:1	75.5	99.6	100
Saline	23347	5057	21.7%	R	1	5057:1	68.9	90.9	100
Schuyler	4370	955	21.9%	R	1	955:1	87.7	100	100
Scotland	4863	822	16.9%	R	1	822:1	71.9	100	100
Scott	38903	12455	32.0%	R	1	12455:1	71.7	97.6	100
Shannon	8329	2337	28.1%	R	1	2337:1	21	100	100
Shelby	6108	1543	25.3%	R	0		0	51	100
St. Charles	379493	33082	8.7%	U	5	6616:1	97.3	100	100
St. Clair	9457	2123	22.4%	R	0		0	34.8	100
St. Francois	65960	16584	25.1%	B	4	4146:1	84.9	100	100
St. Louis City	317419	100441	31.6%	U	3	52232:1	100	100	100
St. Louis Co.	1001876	156695	15.6%	U	28	3587:1	99.6	100	100
Ste. Genevieve	17914	2803	15.6%	R	1	2803:1	53.8	100	100
Stoddard	29867	8421	28.2%	R	2	4211:1	66.7	91.5	100
Stone	31104	5756	18.5%	R	0		8.3	76.1	100
Sullivan	6411	1529	23.8%	R	0		0	5.2	66.4
Taney	54230	13078	24.1%	R	1	13078:1	82.7	98.2	99.9
Texas	25642	6584	25.7%	R	1	6584:1	29	90.9	100
Vernon	21001	5049	24.0%	R	1	5049:1	76.4	99	100
Warren	33253	6188	18.6%	R	0		3	81.9	100
Washington	25077	7202	28.7%	R	0		5.9	68.5	100
Wayne	13452	4681	34.8%	R	0		8.6	57.7	98
Webster	36888	9281	25.2%	R	0		9.8	39.5	97.2
Worth	2073	431	20.8%	R	0		0	61.7	100
Wright	18291	6926	37.9%	R	0		0	8.2	68.7
TOTAL:	6,063,589	1,187,627			163		73.6	91.0	98.4

Data to Assess Access: Fee-for-service Utilization Review

The MO HealthNet Division (MHD) performed a utilization review of Fee-for-Service (FFS) participants accessing provider services by county type (urban, basic and rural) in Missouri during CY2015.

Areas of review include:

1. Primary Care services (including those provided by a physician, FQHC, clinic or dental care);
2. Physician specialist services (including cardiology, radiology, neurology, ophthalmology, urology/nephology and all other specialty services);
3. Behavioral health services (including mental health and substance use disorder);
4. Pre- and post-natal obstetric services including labor and delivery; and
5. Home health services.

No provider specialties were omitted for provider types of MD, DO, Nurse Practitioners and Physician Assistants. If the provider specialty type does not fall in the categories listed above they are combined into an 'other specialty' category.

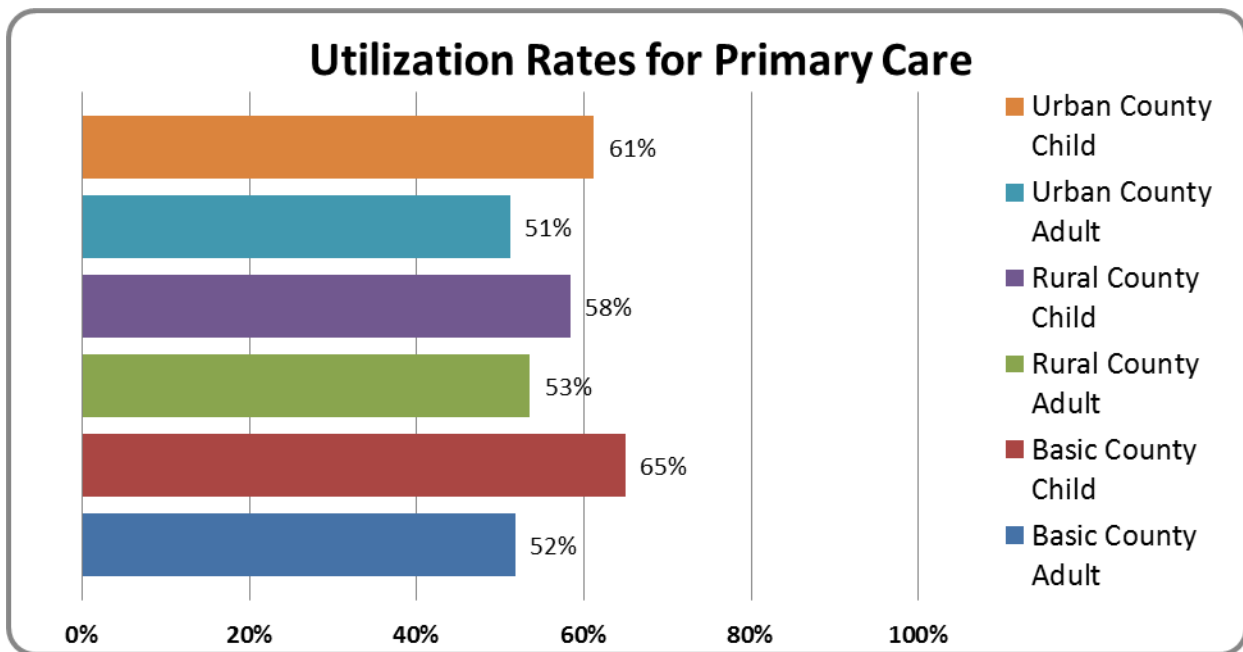
Medical, outpatient and dental claim types were reviewed for the measure of utilization of services. Provider specialties were reviewed at the billing and performing levels and prioritized as follows (in other words, if someone has two specialties such as psychiatry and primary care they are placed in the psychiatry group):

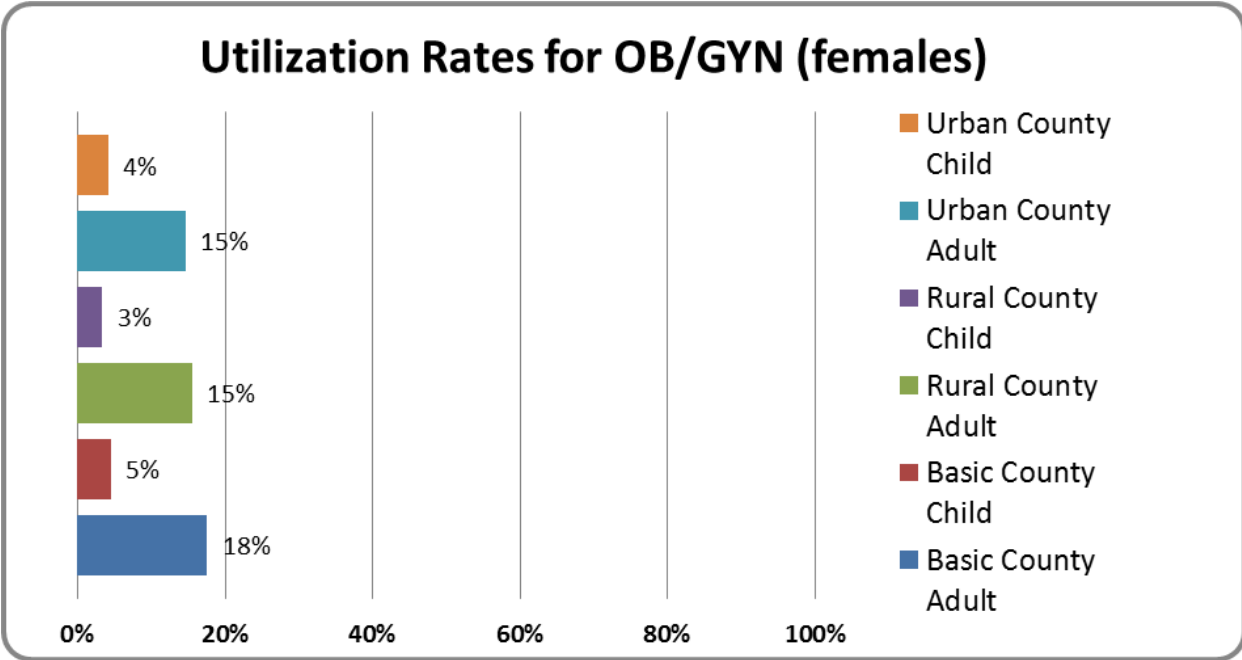
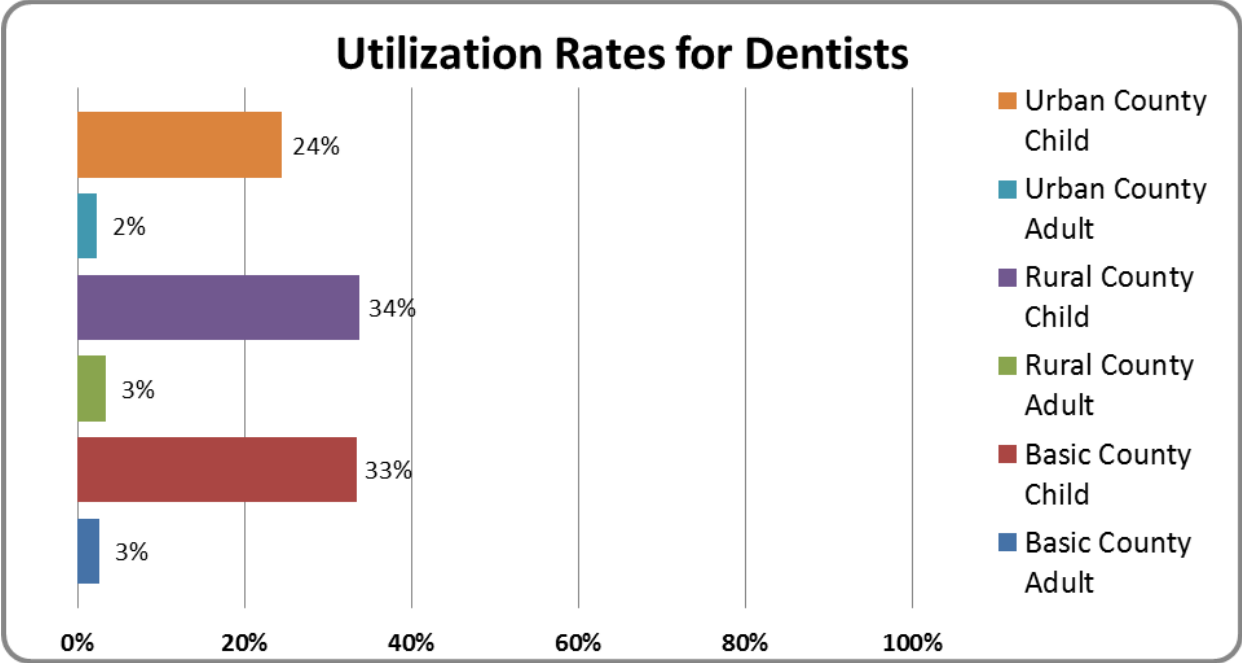
- Psychiatry
- OB/GYN
- Primary Care
- Cardiology
- Neurology
- Ophthalmology
- Urology/Nephrology
- Radiology
- Other Specialty

Clinics were queried to look at appropriate billing provider specialties when there was no performing provider present on the claim.

Gateway, inpatient, NEMT, ambulance, managed care, Medicare crossover, hospice, pharmacy and nursing home claims are not included in this analysis.

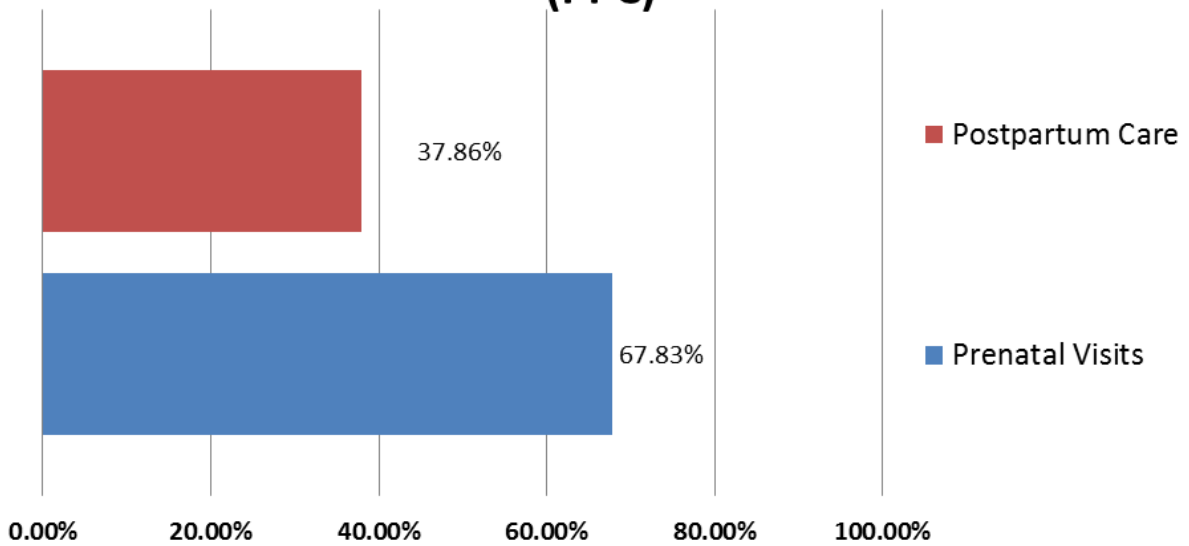
The following charts reflect the number of participants with at least one claim by provider type during the measurement year. Child is defined as ages 0-20 and adult as ages 21 and greater.



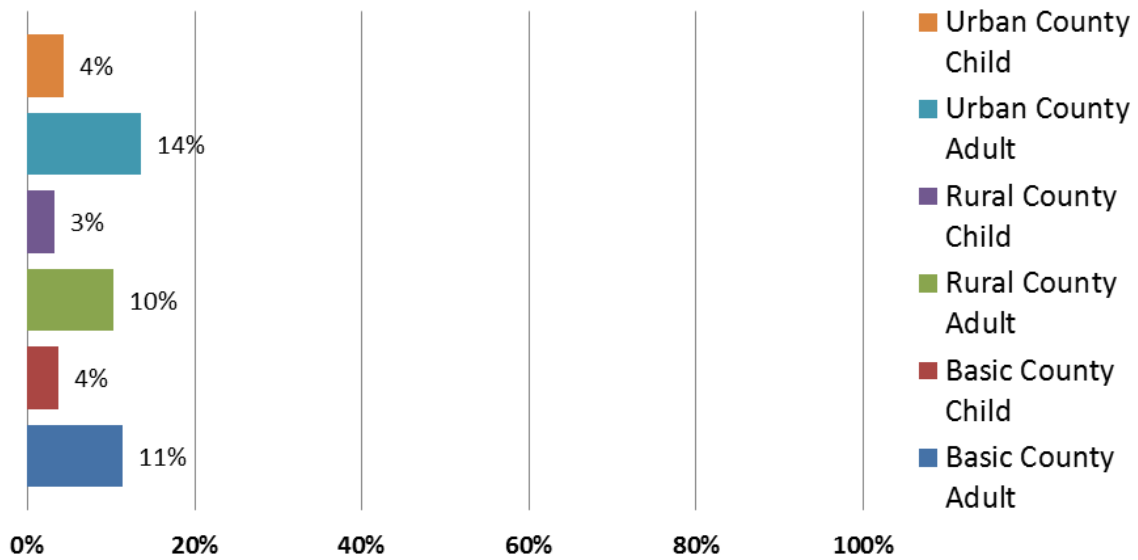


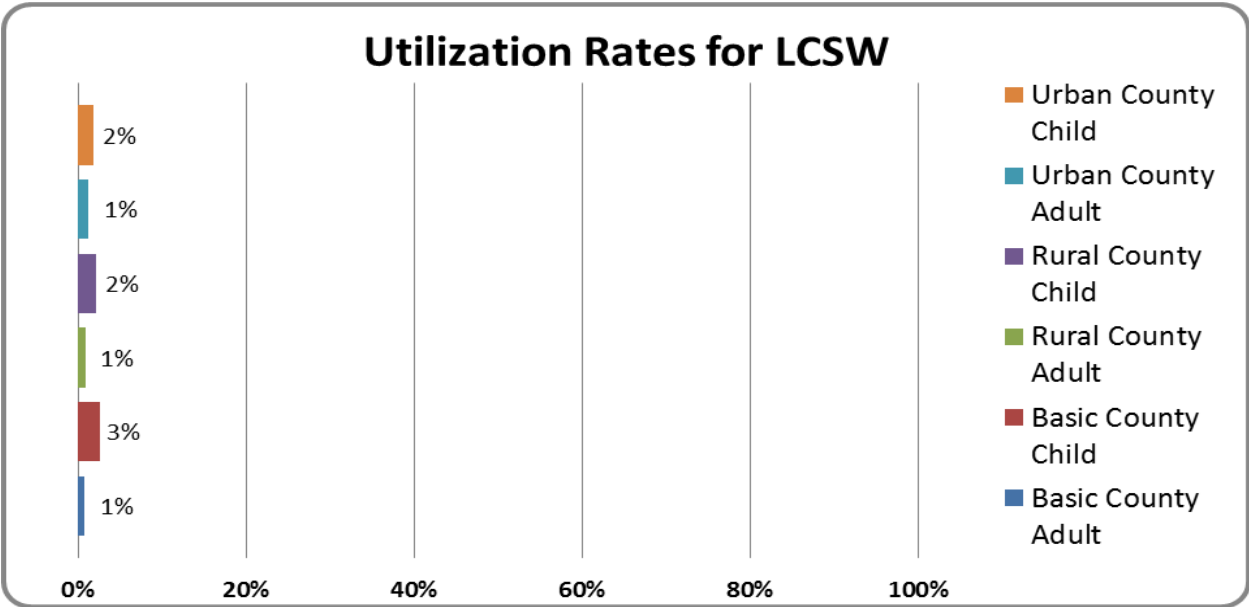
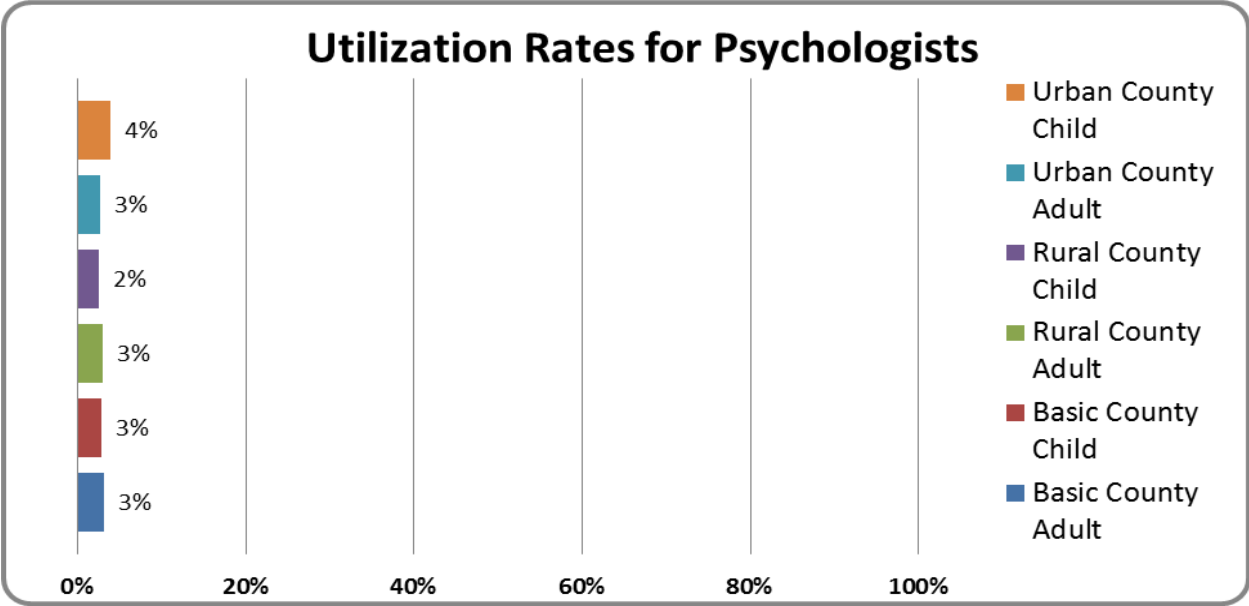
An additional analysis using HEDIS-Like methodology for Prenatal and Postpartum Care was also used to measure obstetric care of the FFS population.

HEDIS-Like Prenatal and Postpartum Care (PPC)

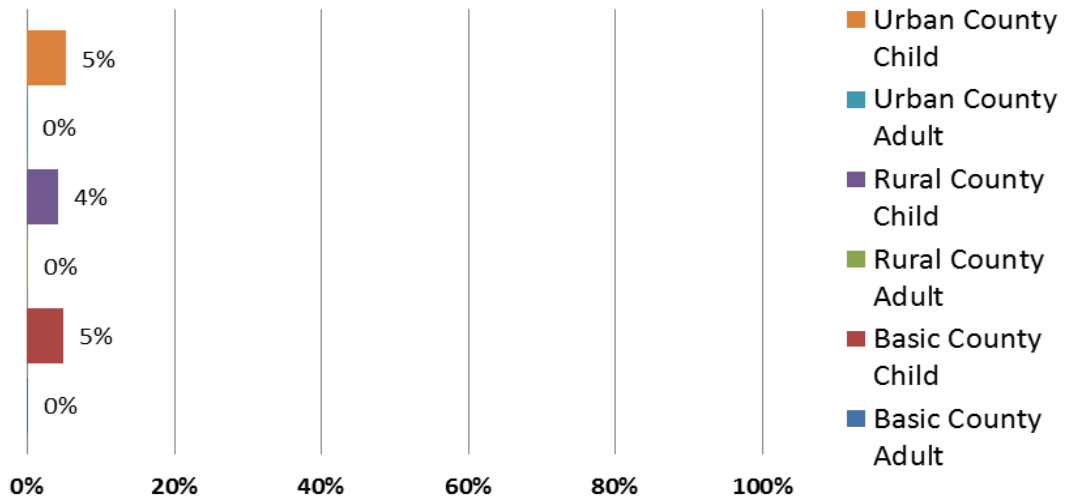


Utilization Rates for Psychiatry

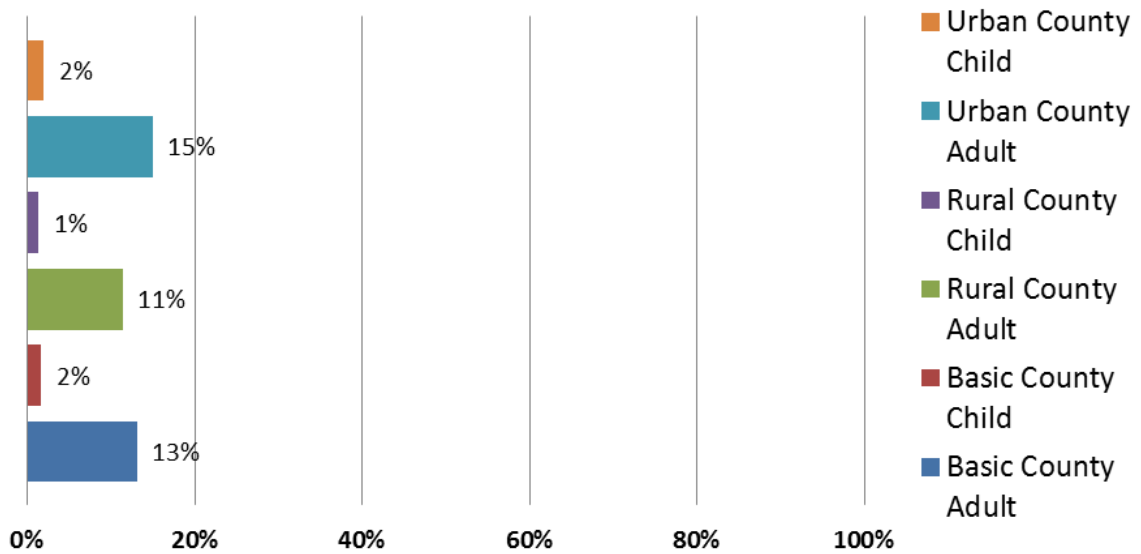




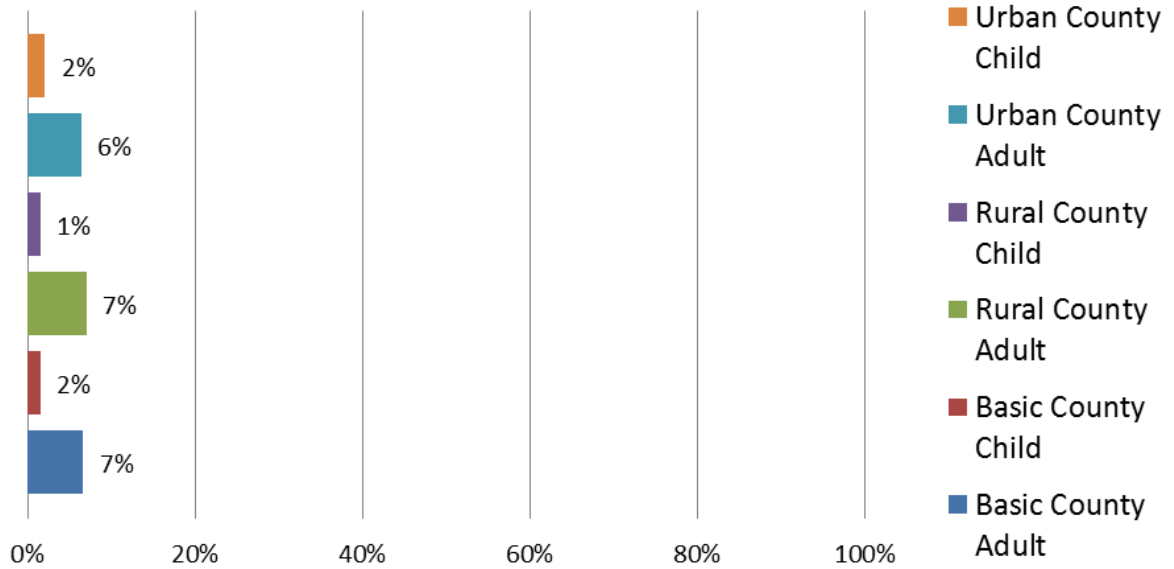
Utilization Rates LPC



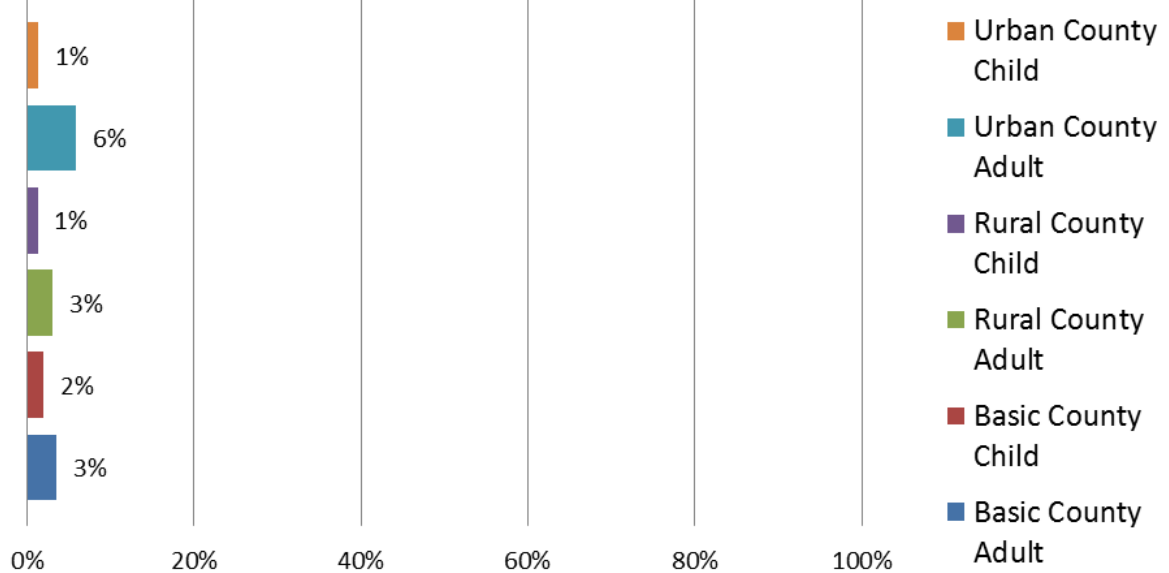
Utilization Rates for Cardiology

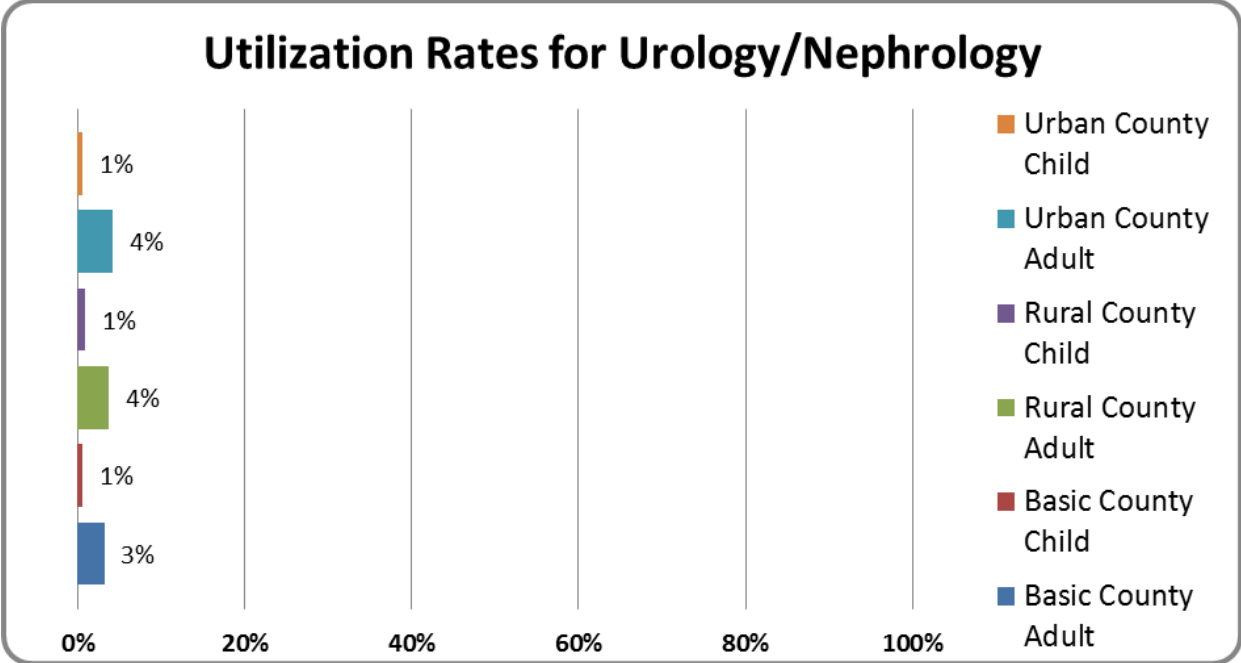
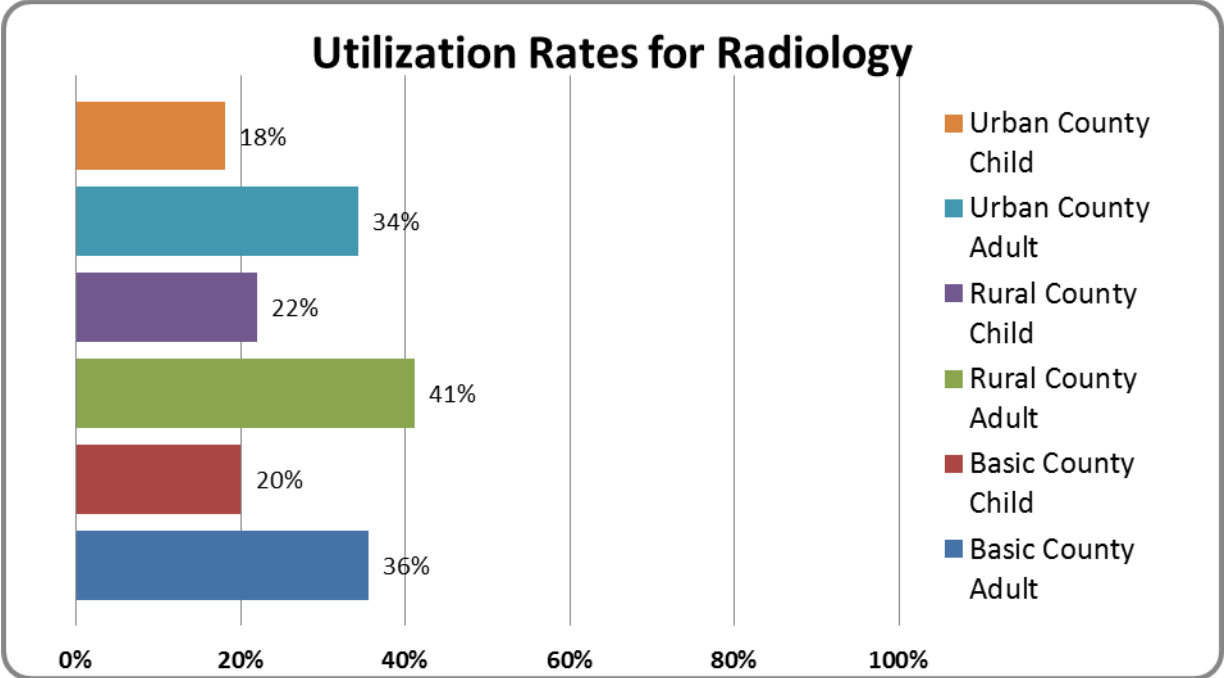


Utilization Rates for Neurology

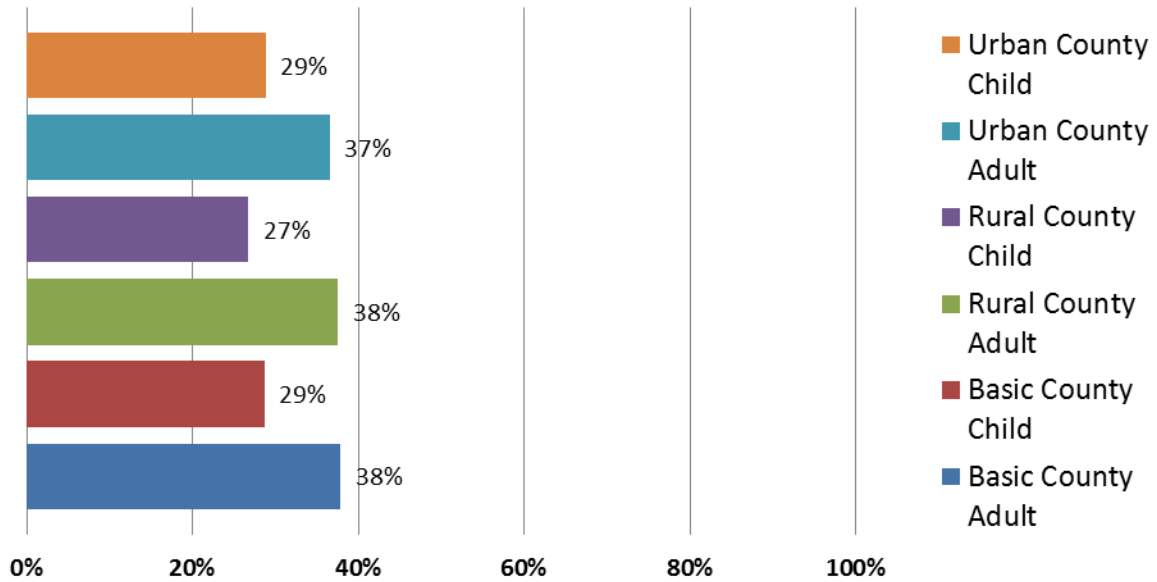


Utilization Rates for Ophthalmology





Utilization Rates for Other Specialties



Utilization Rates for Home Health

