Medicaid Fee-for-Service Access Monitoring Review Plan

October 2018

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Overview

The Missouri State Department of Social Services (DSS) is a single state agency federally designated to have oversight of the Missouri Medicaid program. The MO HealthNet Division (MHD) within DSS is in charge of administering and managing the Missouri Medicaid program.

The State of Missouri has approximately 6,063,589 citizens of which 4% of the total population are enrolled in the State's Medicaid Fee-For-Service (FFS) program.

In accordance with Federal rules at 42 C.F.R. §§447.203-204 (the Access Rule), the MHD has developed an Access and Monitoring Review Plan (AMRP), which set forth a transparent, data driven procedural process to demonstrate that the State's Medicaid FFS payments comply with the access standards in Section 1902(a)(30)(A) of the Social Security Act. Among other requirements in the Access Rule, the States are to develop an AMRP to review participant access to certain Medicaid services.[1] The Access Rule applies to FFS payments and does not apply to the Managed Care Organization payments to providers.

The MHD has developed an AMRP for the following services under the FFS program:

1. Primary care services, including these provided by a physician in Federal Qualified Health Clinics (FQHC), clinic, or dental care;
2. Physician specialist services, including cardiology, neurology, ophthalmology, urology and nephrology, and radiology;
3. Behavioral health services, including mental health and substance use disorder;
4. Prenatal and postnatal obstetric services , including labor and delivery; and
5. Home health services.

The MHD added two additional categories due to restructuring of rates and rate reductions:

6. Pharmacy agencies,
7. Nursing facilities, and
8. Outpatient Hospital.

The AMRP presents information and data used to measure access to care for the required services:

- The FFS population data;
- FFS program descriptions;
- Rate History
- Performance and demographic summary reports;
- State Fiscal Year (SFY) Rate Study;
- The availability of MO HealthNet (FFS Medicaid enrolled) providers;
- FFS network adequacy access reports; and
- Utilization of FFS services required in the AMRP.

[1] 42 C.F.R. 447.203(b)

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

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

The MHD does not collect reimbursement rates from private health insurance companies. While the Missouri Department of Insurance is responsible for regulating private insurance companies doing business in Missouri, there is not a law that requires private health plans to report or publish their provider reimbursement rates. The MHD does not currently have a resource for private-payer rate data. The MHD will explore options for obtaining commercial payer data. However, the MHD has compared Medicaid rates to specific Medicare rates when applicable.

The AMRP is published for public comment on the MHD website under Alerts and Notifications on www.dss.mo.gov/mhd. The MHD developed other avenues to submit public comments to the MHD. The MHD created a webpage for on-going public comments. The dedicated webpage is on the MHD webpage under Additional Information on https://dss.mo.gov/mhd/, or can be accessed directly at https://dss.mo.gov/mhd/amrp.htm. The information gathered will be analyzed for inclusion in updated AMRPs and for improvements to access to care.

PLEASE NOTE: In the MO HealthNet FFS program, behavioral health services are appropriated, in part, via the physician-related program line; therefore, the reporting of behavioral health and physician's service rate reimbursement is sometimes blended. The MHD 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.

The MHD utilizes multiple delivery and reimbursement models, including traditional FFS and Health Maintenance Organization (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 and the services needed.

MO HealthNet Managed Care Program and Population

The MHD operates an HMO-style Managed Care program known as MO HealthNet Managed Care. Effective May 1, 2017, the MO HealthNet Managed Care program is offered statewide to all 114 counties and the City of St. Louis. Statewide participation in MO HealthNet Managed Care was 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)

In 2017, approximately 240,000 participants, who previously were enrolled in the MO HealthNet FFS program, were transitioned to a Managed Care health plan. These new Managed Care participants join about 500,000 existing Managed Care participants, amounting to an estimated 748,435 Missourians in the Managed Care program.

In September of 2017, there were approximately 748,435 individuals enrolled in Managed Care, and there were approximately 367,549 individuals enrolled in FFS. There were approximately 1,115,984 individuals enrolled in Medicaid. As of February 2018, there are approximately 715,812 Managed Care participants and approximately 240,414 FFS participants. There are approximately 956,226 individuals enrolled in Medicaid.

In MO HealthNet Managed Care, enrollees receive the majority of their services through the managed care benefit. Services provided on a FFS basis outside of the capitation payment, include pharmacy services, transplants, school-based therapy, Department of Health and Senior Services (DHSS) newborn screening services, certain mental health services, including Intermediate Care Facilities for Individuals with Intellectual Disabilities (ICF/IID), community psychiatric rehabilitation services, CSTAR services, smoking cessation, and mental health services for children in the care and custody of the state.

MO HealthNet, Missouri's Medicaid Program

The MHD pays for qualified medical costs and services for eligible beneficiaries based on income, assets, and resources. In 2017, the FFS population comprised of approximately 367,549 participants, and the total Medicaid population was approximately 1,115,984. The FFS population comprised of 33% of the total Medicaid population. The Managed Care population comprised of 67% of the total Medicaid population. The state-wide managed care expansion shifted the majority of the population, once served in the FFS program. Currently, the majority of the Medicaid population receives services in the Managed Care program.

In 2018, the FFS population comprised of approximately 240,414 participants, and approximately 715,812 Managed Care participants. In 2018, the FFS population comprised of 25% of the total Medicaid population. The Managed Care population comprised of 75% of the total Medicaid population. The MHD AMRP focuses on the 25% of the FFS population, and if applicable any carved out of Managed Care services required of the AMRP.

- **NOTE:** Eligibility changes on a daily basis due to enrollment and coverage updates; the participant enrollment and eligibility data could fluctuate marginally. The 2018 data was obtained in February 2018 and the 2017 data was obtained in August and September of 2017.

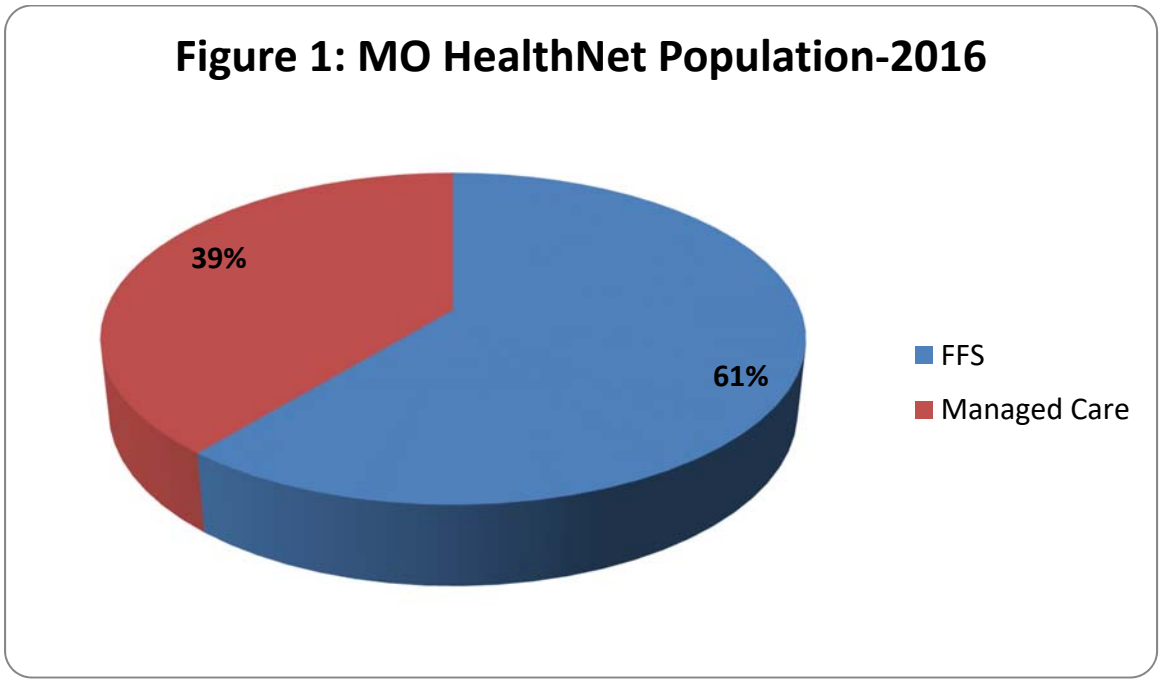


Figure 1: MO HealthNet Population-2016
39%
61%
FFS
Managed Care

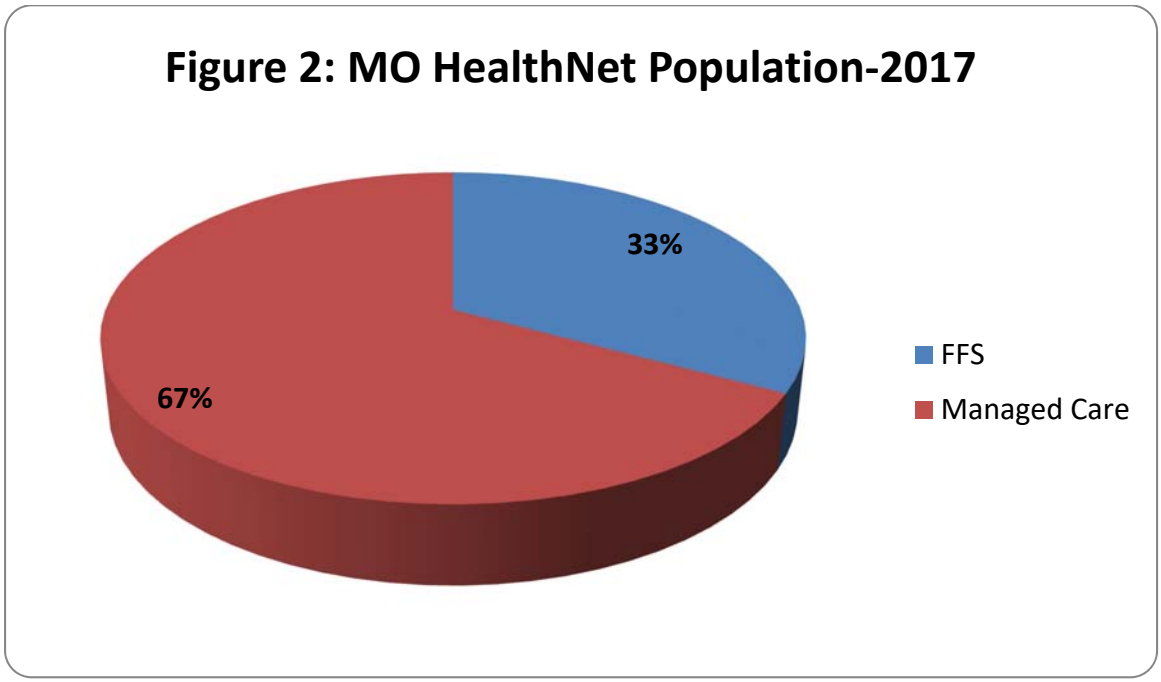
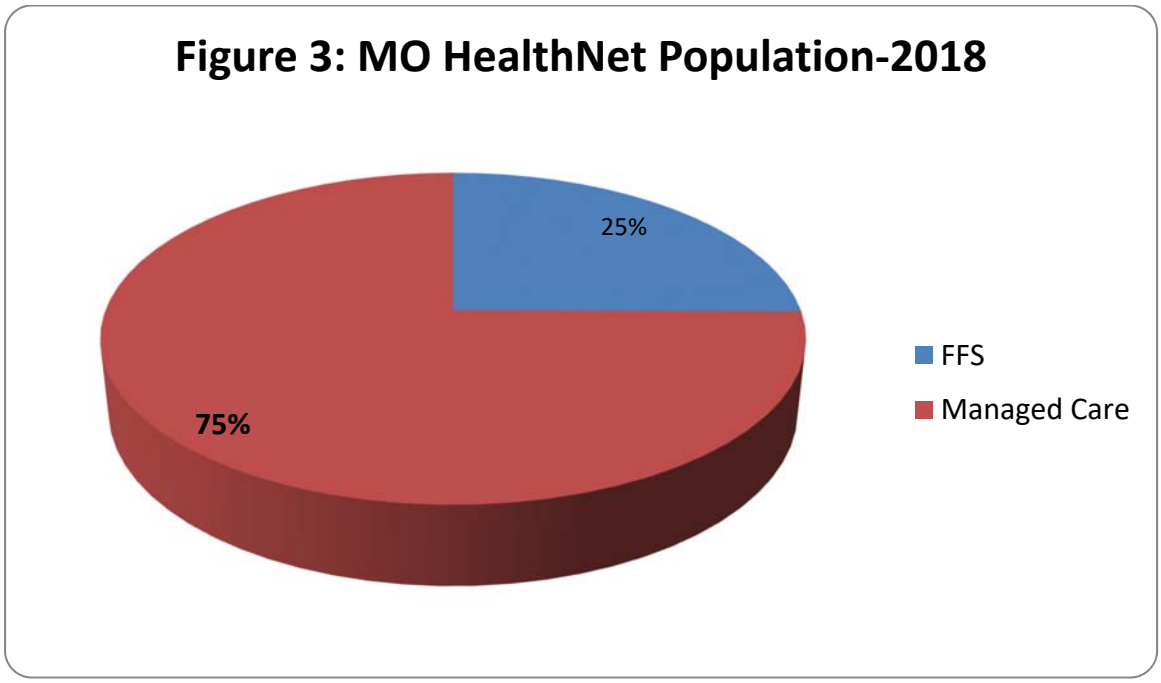


Figure 2: MO HealthNet Population-2017
33%
67%
FFS
Managed Care



MO HealthNet Participant Population

The MHD FFS program covers the following eligibility categories:

- Aged, blind, and disabled
- Qualified Medicare Beneficiaries (QMB)
- Children in a Nursing Facility/ICF/IID
- Children placed in foster homes or residential care by the Department of Mental Health (DMH)
- Missouri Children with Developmental Disabilities (Sarah Jean Lopez) Waiver
- Temporary Assistance for pregnant women and Presumptive eligibility for children
- Women with Breast or Cervical Cancer Treatment
- Children in residential care
- Uninsured women
- Women's Health Services
- Persons with MORx only

Note: There are opt out guidelines in which a participant may qualify to be in the FFS program for the following managed care eligibility categories:

- 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
- Show Me Healthy Babies Program (SMHB)

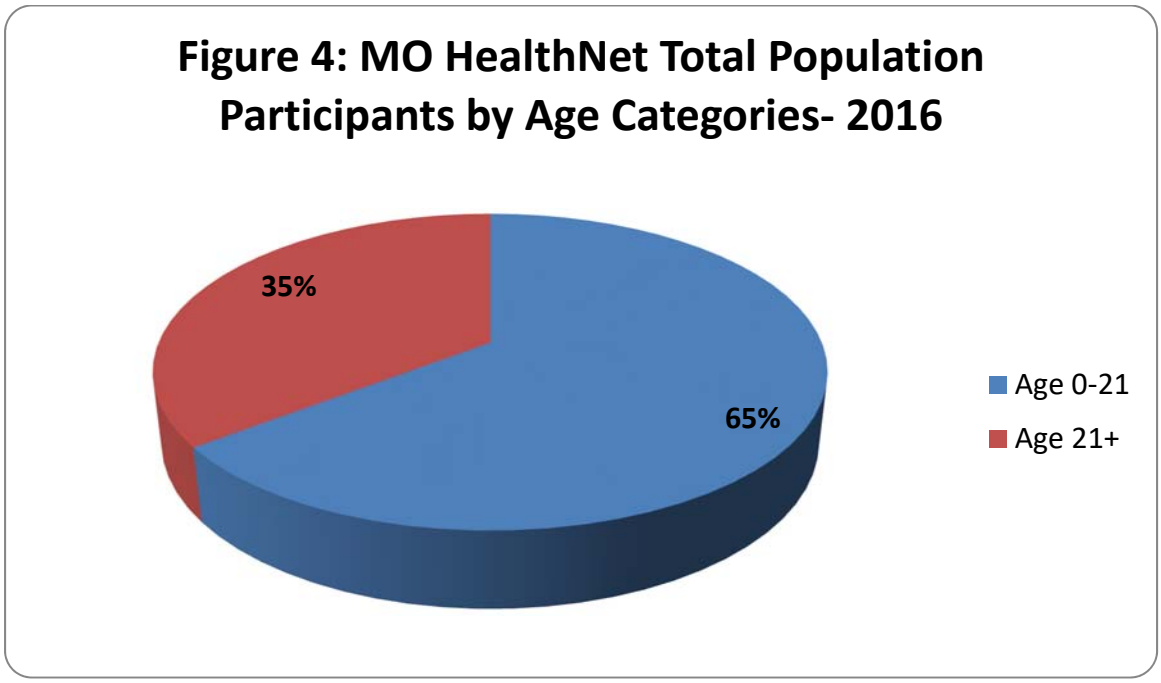


Figure 4: MO HealthNet Total Population Participants by Age Categories- 2016
35%
65%
Age 0-21
Age 21+

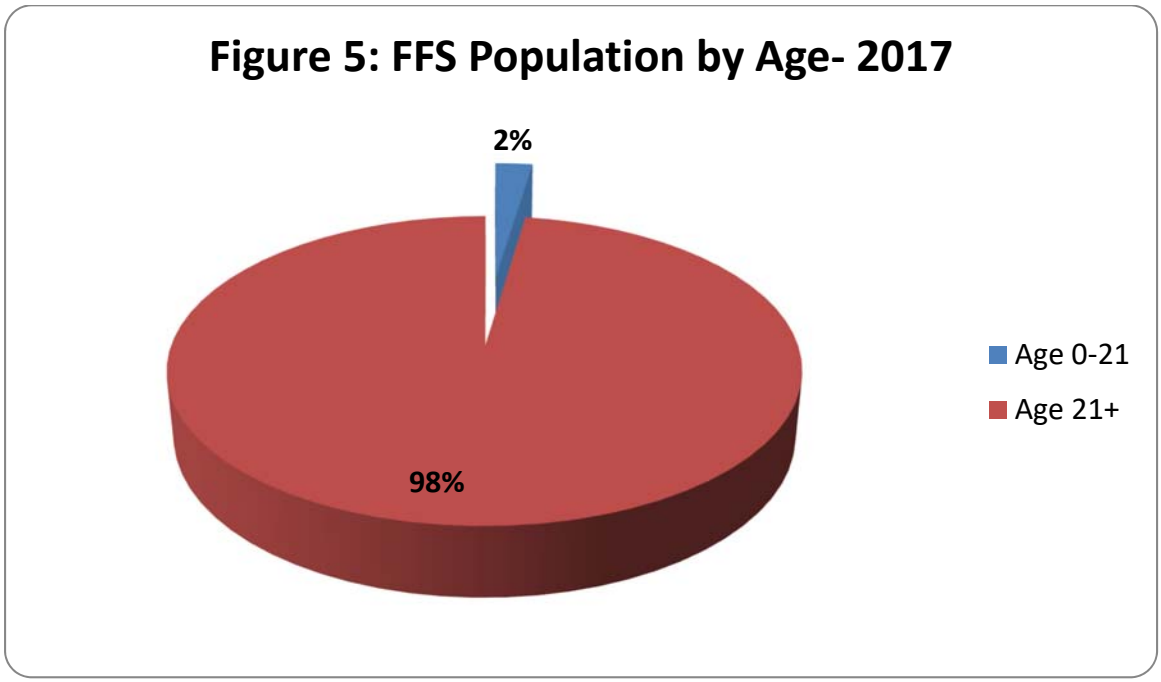
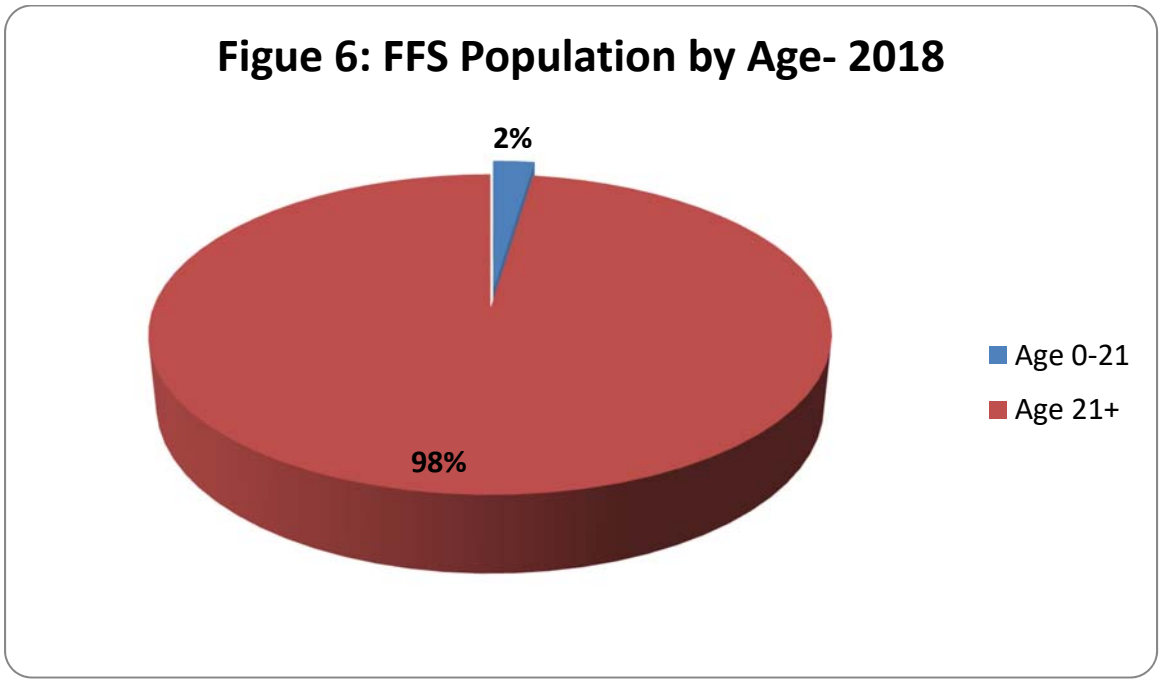


Figure 5: FFS Population by Age- 2017
2%
98%
Age 0-21
Age 21+


Figue 6: FFS Population by Age- 2018
2%
98%
Age 0-21
Age 21+

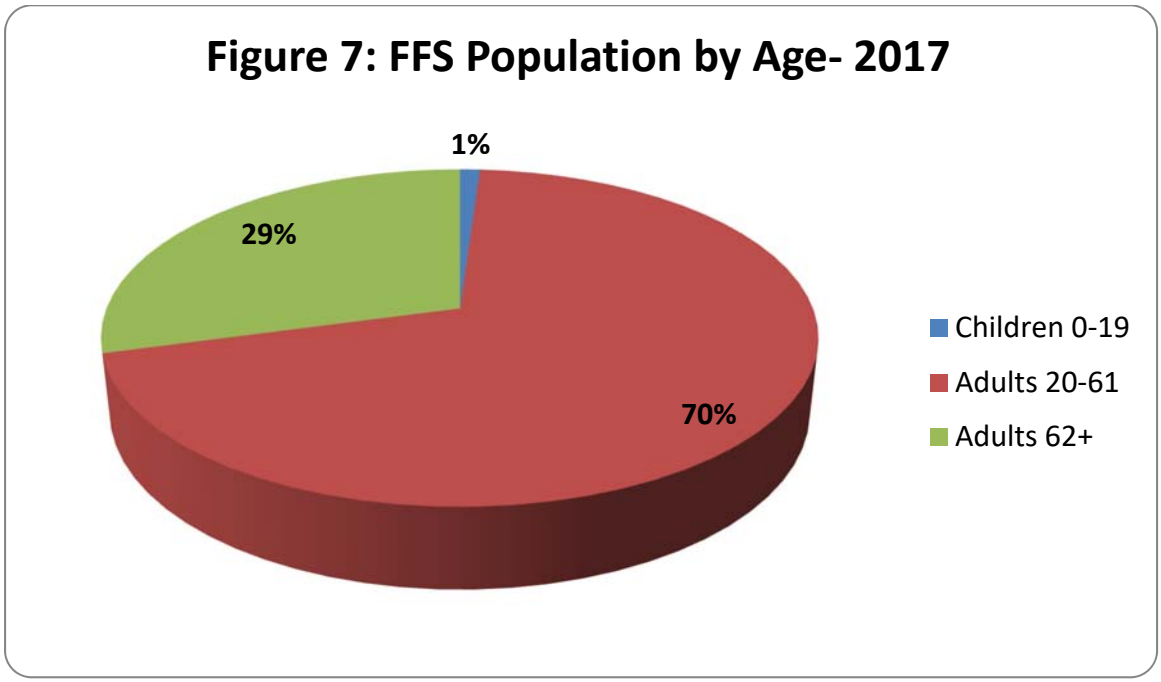
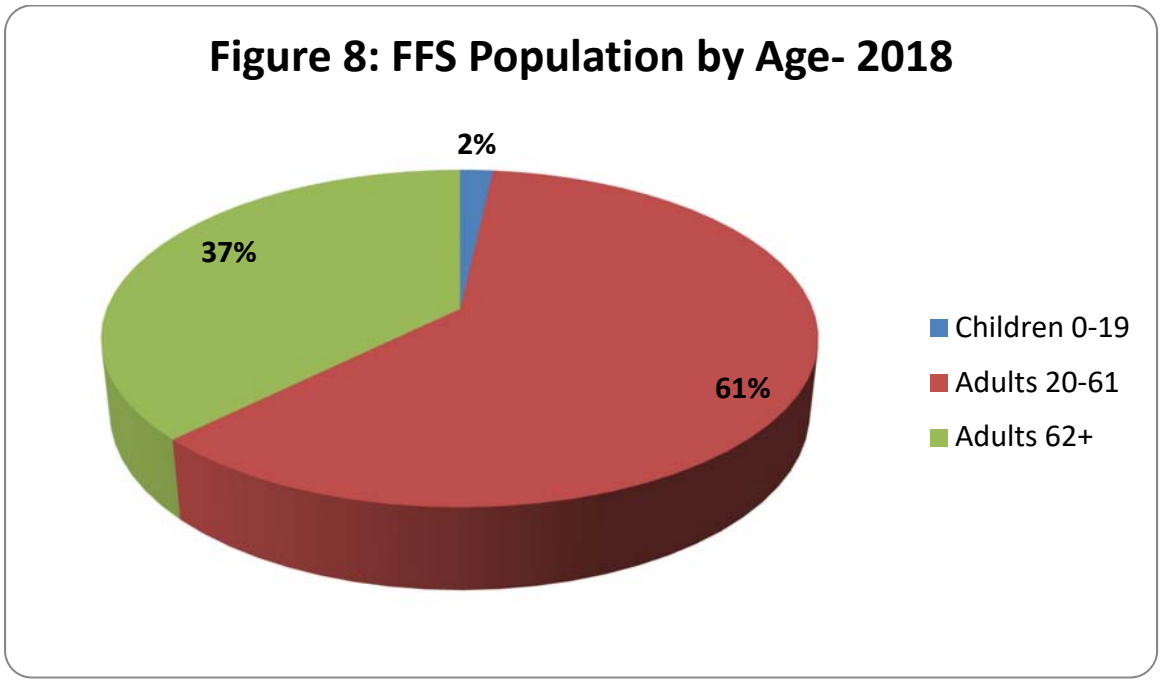
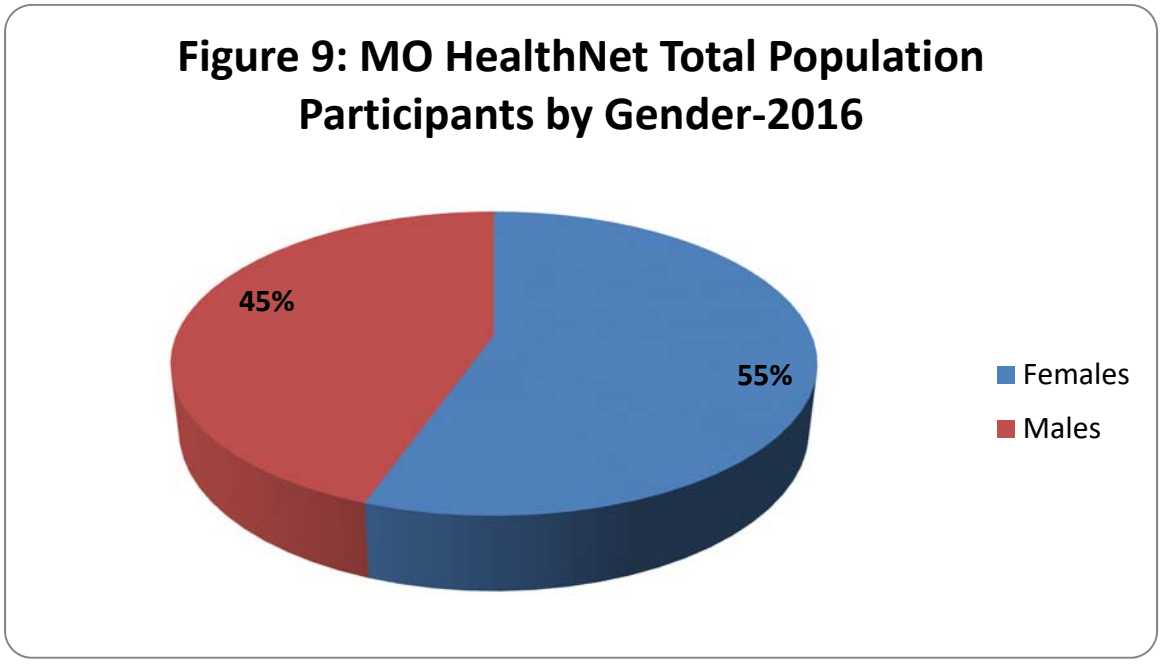
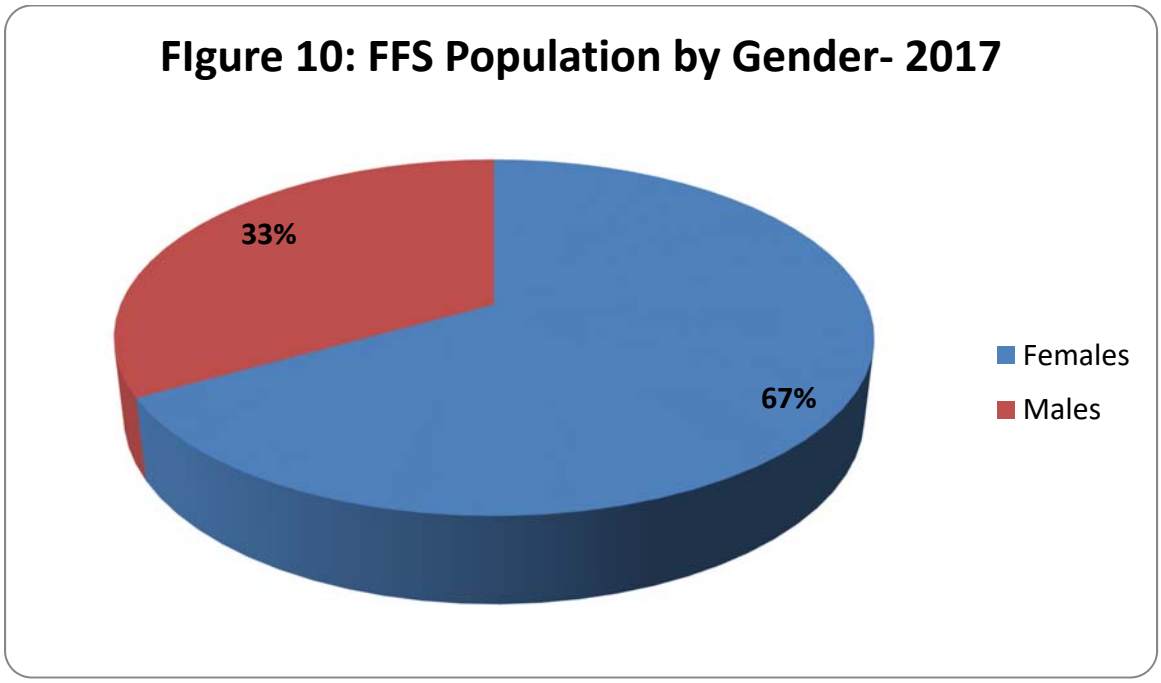


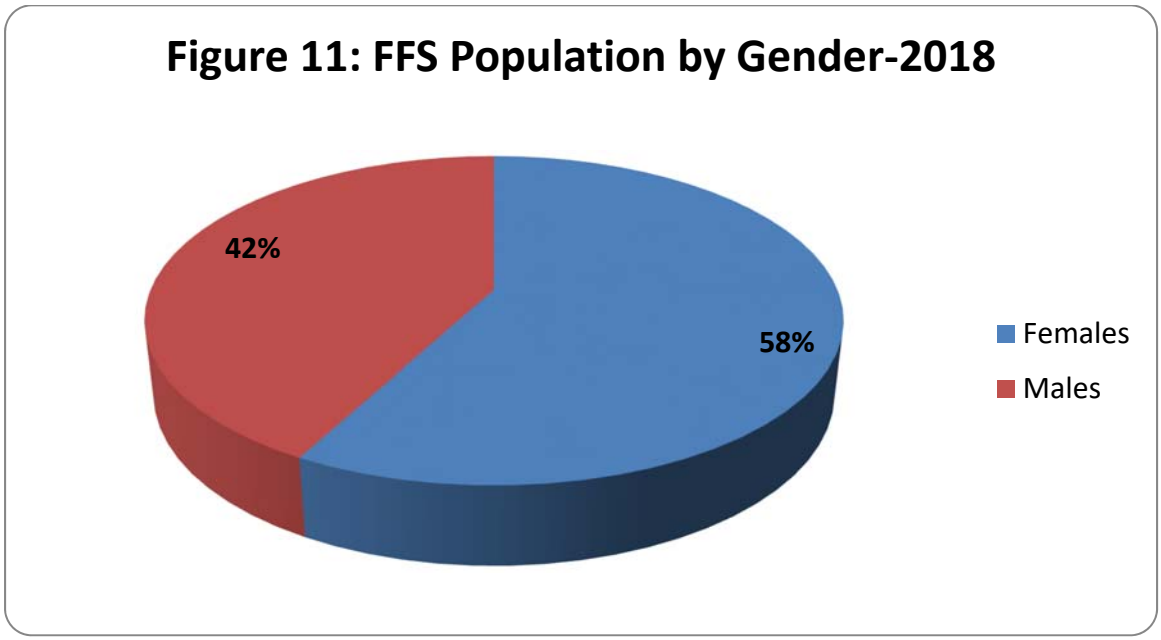
Figure 7: FFS Population by Age- 2017
1%
29%
70%
Children 0-19
Adults 20-61
Adults 62+



In October of 2016, there were approxiamtely 307,084 participants in the FFS population, of that population 236,777 were adults and 449 were children. In January 2017, there were approximately 361,228 participants in the FFS population, of that population approximately 339,085 were adults and approximately 3,259 were children. In February of 2018, there were approximately 240,414 particiapnts in the FFS population, of that population approximately 237,243 were adults and approximately 3,171 children.



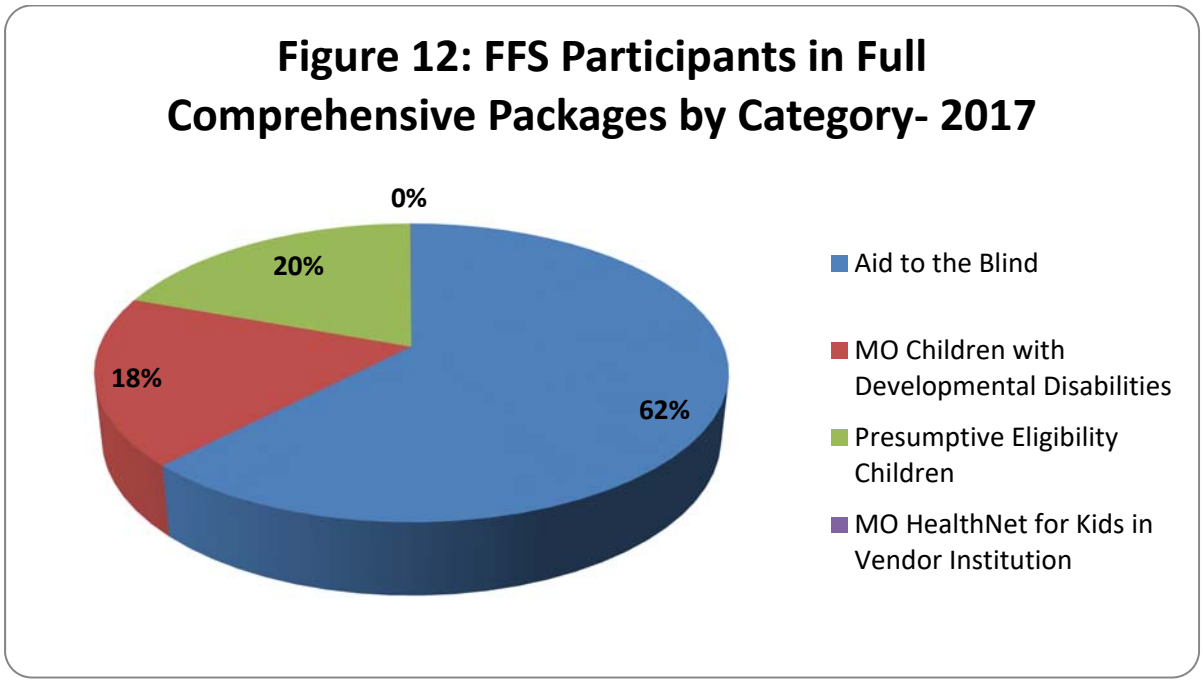


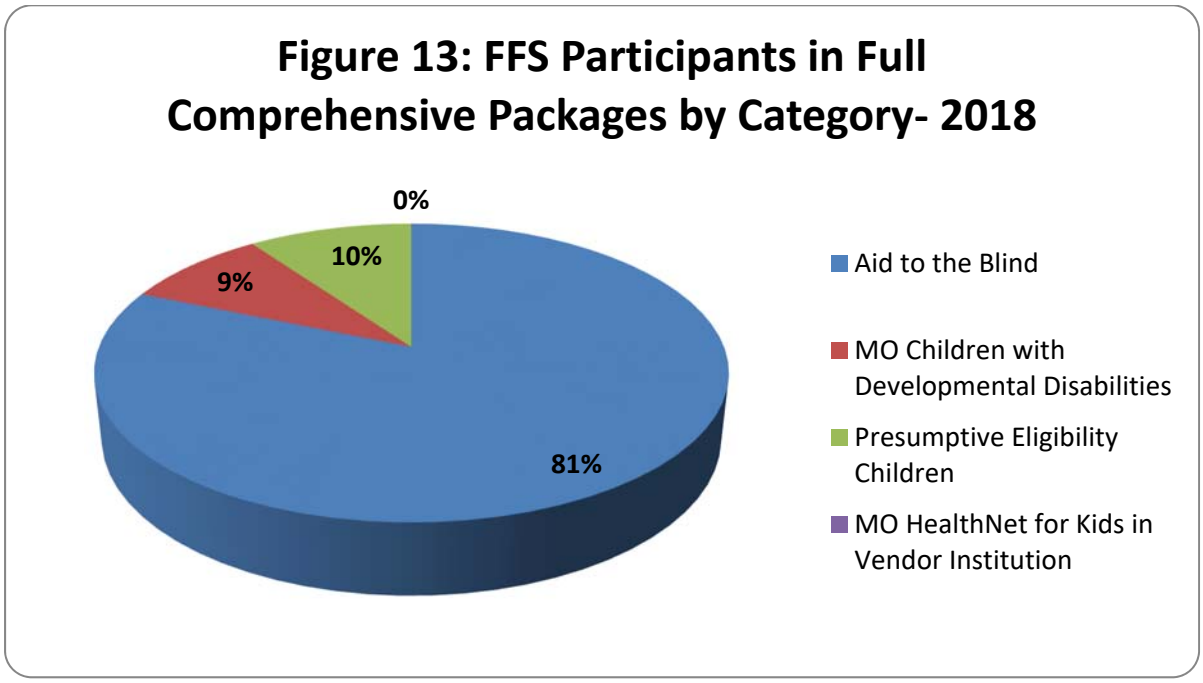


Full Comprehensive Packages

Adults in Medicaid Eligibility (ME) categories that pertain to persons who are in the Aid to the Blind or pregnant women programs receive a full comprehensive benefit package, including primary, acute and preventive care, hospital care, dental, prescriptions, and vision services. All other adults receive a limited benefit package of services depending on their ME category of assistance.

MO HealthNet for Kids refers to the statewide program for children in low-income families, uninsured children through Children's Health Insurance Program (CHIP), and children in the custody of the state. Children receive a full comprehensive package, including primary, acute and preventive care, hospital care, dental, prescriptions, and vision services, and receive their care through the Managed Care delivery system, unless they have opted out of Managed Care.





Children's Health Insurance Program (CHIP) Premium Group

CHIP provides health insurance for uninsured children under age 19, have a family income between 150% and 300% poverty, and have no access to affordable health insurance. These children have the full comprehensive package, except for non-emergency medical transportation.

ME Code	Full Comprehensive Packages: ME Code Description	# 2017	# 2018
03	Aid to the Blind (FFS only)	1013	996
12	MO HealthNet - Aid to the Blind (FFS only)	49	55
15	Supplemental Nursing Care - Aid to the Blind (FFS only)		
18	MO HealthNet for Pregnant Women		
43	Pregnant Woman - 60 Day Assistance (MHF criteria)		
44	Pregnant Woman - 60 Day Assistance - Poverty		
45	Pregnant Woman - Poverty		
61	MO HealthNet for Pregnant Women - Health Initiative Fund (HIF)		
95	SMHB Pregnant Women income above 196% to 300%		
96	SMHB Unborn Child income 0 to 300%		
98	SMHB Post-Partum		
06	MO HealthNet for Families - Child		
07	Foster Care- Title IV-E		
08	Child Welfare Services-Foster Care		
23	MO HealthNet for Kids in Vendor Institution	1	
28	DMH – Foster Care		
29	Division of Youth Services-Foster Care		
30	Juvenile Courts - Foster Care		
33	MO Children w/Developmental Disabilities (DMH Match) (FFS only)	154	161
34	MO Children with Developmental Disabilities (DSS Match)	158	154
36	Adoption Subsidy - Federal Financial Participation		
37	Title XIX - Homeless, Dependent, Neglected		
38	Independent Foster Care Children ages 18-25		
40	MO HealthNet for Kids – Poverty		
41	MO HealthNet for Kids in Vendor Institution – Poverty		1
49	DMH-Poverty (FFS only)		
50	Division of Youth Services-Poverty		
52	Division of Youth Services-General Revenue		
56	Adoption Subsidy – Title IV-E		
57	Child Welfare Services - Foster Care - Adoption Subsidy		
60	Newborn		
62	MO HealthNet for Kids- Health Initiative Fund (HIF)		
64	Group Home - Health Initiative Fund (State Placement)		
65	Group Home – Health Initiative Fund (Parent/Guardian Placement)		
66	Foster Care HDN– HIF		
67	DMH Foster Care –HIF (FFS only)		
68	Division of Youth Services Foster Care - HIF		
69	Juvenile Courts – HIF		
70	Juvenile Courts – Poverty		
71	MO HealthNet for Kids – 133+ to 150% Poverty, Age 1-5		
72	MO HealthNet for Kids – 100+ to 150% Poverty, Age 6-18		
87	Presumptive Eligibility Children (FFS only)	331	356
88	Voluntary Placement Agreement (FFS Only)		
73	Children ages 1 thru 18; family income 150+ to 185%		
74	Children ages 0 thru 18; family income 185+ to 225%		
75	Children ages 0 thru 18; family income 225+ to 300%		
97	SMHB Newborns age 0 to 1; family income 196+ to 300%		

Limited Benefit Packages

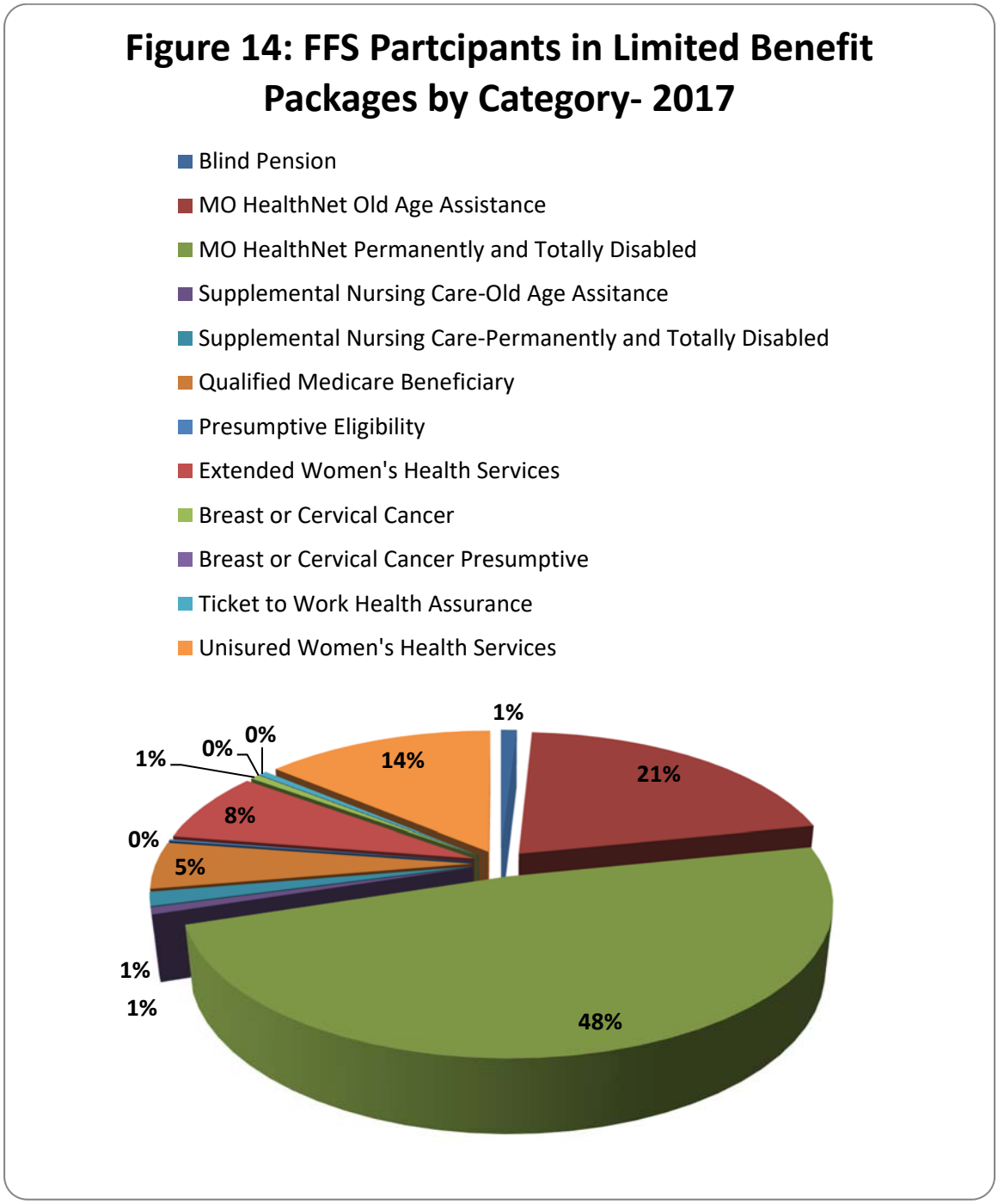
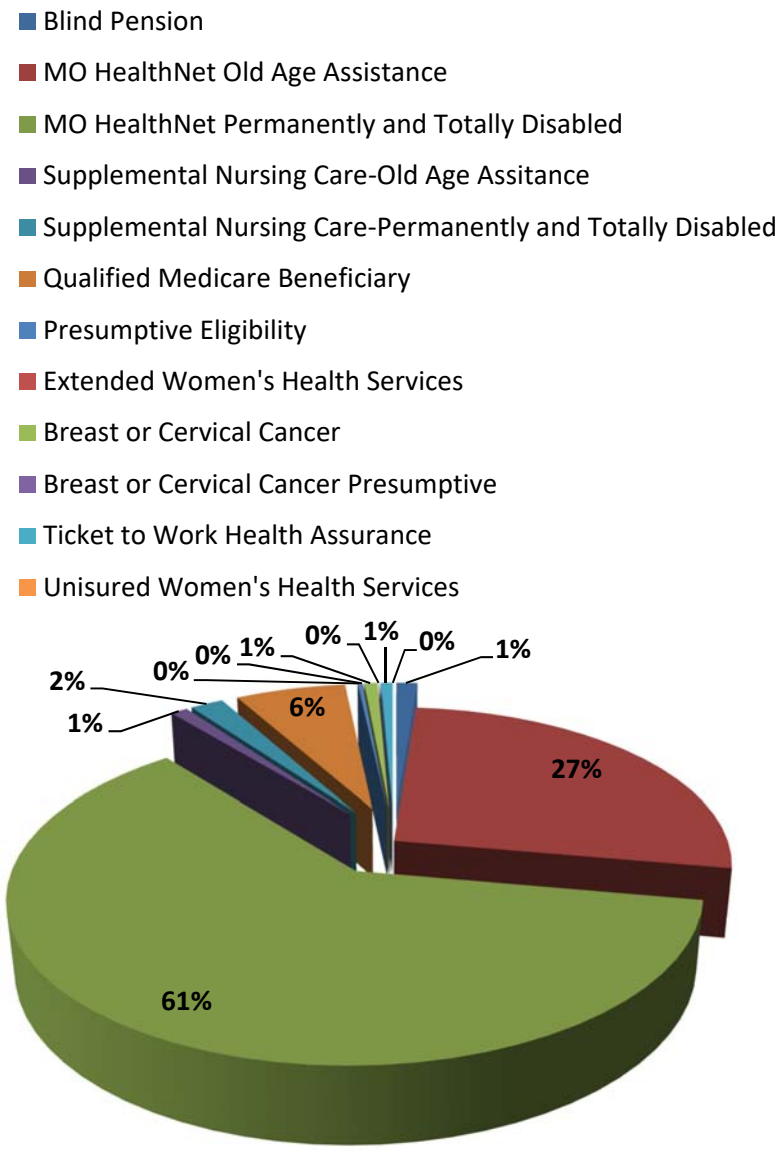


Figure 15: FFS Partcipants in Limited Benefit Packages by Category- 2018



ME Code	Limited Benefit Package: ME Code Description	# 2017	# 2018
01	Old Age Assistance (FFS only)		
02	Blind Pension (FFS only)	2911	2872
04	Permanently and Totally Disabled (FFS only)		143
05	MO HealthNet for Families – Adult		
10	Refugees other than Cuban, Haitian, Russian Jew, or Ethiopian		
11	MO HealthNet Old Age Assistance (FFS only)	63566	63420
13	MO HealthNet - Permanently and Totally Disabled (FFS only)	147484	146234
14	Supplemental Nursing Care – Old Age Assistance (FFS only)	2281	2331
16	Supplemental Nursing Care – Permanently and Totally Disabled (FFS only)	4575	4511
19	Cuban Refugee		
21	Haitian Refugee		
24	Russian Jew		
26	Ethiopian Refugee		
55	QMB (FFS only)	15419	15063
58	Presumptive Eligibility (Subsidized) (FFS only)	555	637
59	Presumptive Eligibility (Non-Subsidized) (FFS only)		
80	Extended Women's Health Services (FFS only)	23083	
81	Temporary Assignment Category (FFS only)		
82	Missouri Rx (MORx) – (Medicare Part D wrap – around benefits) (FFS only)		
83	Breast or Cervical Cancer Control Project (BCCCP) – Presumptive (FFS only)	49	56
84	Breast or Cervical Cancer Control Project (BCCCP) – Regular (FFS only)	1717	1817
85	Ticket to Work Health Assurance –Premium (FFS only)	1334	1362
86	Ticket to Work Health Assurance – Non-Premium (FFS only)	231	234
89	Uninsured Women's Health Services (FFS only)	42173	
94	SMHB Presumptive Eligibility income to 300% (FFS only)		11

Non-Emergency Medical Transportation (NEMT)

MO HealthNet participants in certain categories of assistance receive NEMT. The NEMT Program provides for the arrangement of transportation and ancillary services by a transportation broker. The broker may provide NEMT services either through direct service by the broker and/or through subcontracts between the broker and subcontractor(s).

The purpose of the NEMT Program is to assure transportation to MO HealthNet participants who do *not* have access to free appropriate transportation to and from scheduled MO HealthNet covered services. The NEMT program is a covered benefit assisting eligible FFS participants with transportation to MO HealthNet covered services.

The NEMT program delivers additional assistance in providing participants access to covered services. The NEMT program is not used for emergency medical transportation. The program is designed for scheduled covered MO HealthNet services. The program is available to the following MO HealthNet categories of assistance:

- MO HealthNet for Adults
- MO HealthNet for Pregnant Woman
- MO HealthNet for Kids (some categories are excluded)
- CHIP Kids (some categories are excluded
- BCCCP
- Blind Programs (some categories are excluded)
- MO HealthNet for Children
- Presumptive Eligibility for Children
- Temporary Assistance for Pregnant Women (some categories are excluded)

In 2018, there were 222,479 of the 240,414 FFS population who may qualify for NEMT services, which is 93% of the total FFS population. This program provides additional access to services.

FFS Physician Related Programs

The goal of the physician-related 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-related program funds physician-related services provided to FFS MO HealthNet participants. Services are provided by physicians, advanced practitioners, nurses/technicians, and certain behavioral health providers at various locations.

In Fiscal Year (FY) 2016, the physician-related program comprised 8.79% of the total Medicaid program dollars. In 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.

In FY 2017, the physician-related program comprised 6.55% of the total Medicaid program dollars. In June 2017, there were 42,776 physician-related providers enrolled in MO HealthNet. In FY 2017, approximately 87% of physician-related services were paid to clinics, rural health clinics, and federally qualified health clinics.

Comparisons between 2016 and 2017 enrollment data, shows an approximately 8% increase in the total of physician-related providers. There was also a substantial decrease in FFS participants.

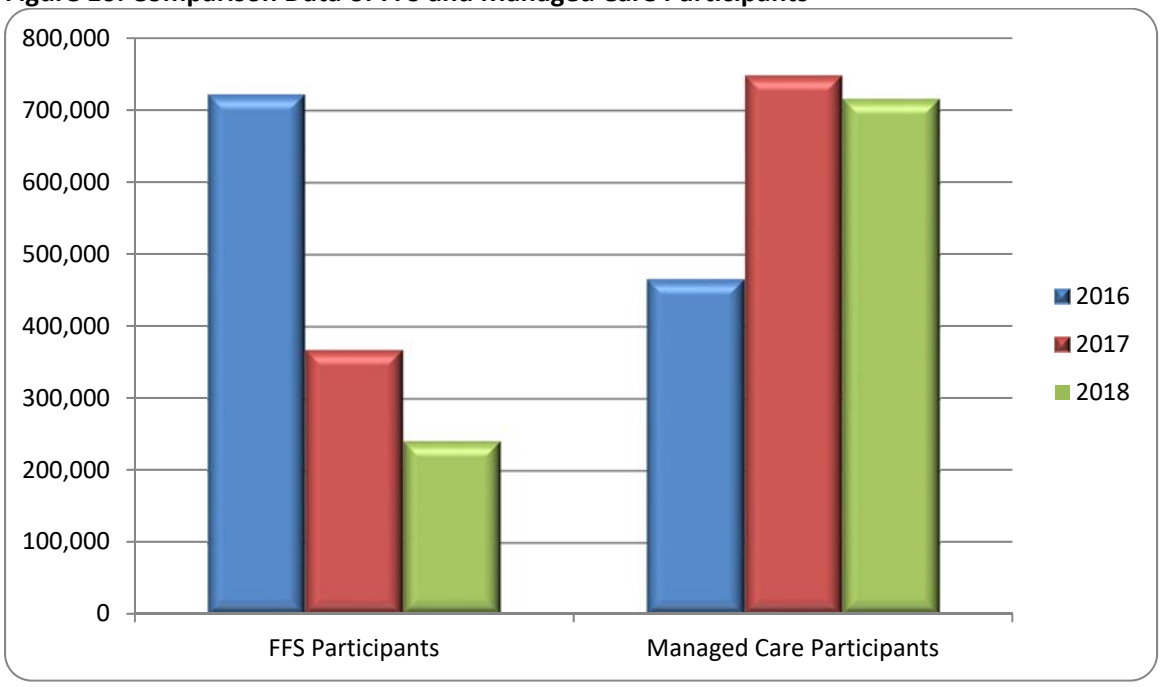
In 2016, there were 722,040 FFS participants and 465,587 managed care participants. In 2017, there were 1,115,984 managed care participants and 367,549 FFS participants. Comparison data between 2016 and 2017 shows that there was a 49% decrease in the FFS program, who are now receiving services in the managed care program. Therefore, the 8% increase of physician-related providers should have a

positive impact on the current FFS population, which resulted in a 49% decrease in participants served in the FFS program.

In 2018, there were 240,414 FFS participants and 715,812 managed care participants. In 2018, 75% of the MO HealthNet participants are enrolled in a managed care plan and 25% of the MO HealthNet participants are enrolled in a FFS program.

The 2018 comparisons will be demonstrated, when that data is available.

Figure 16: Comparison Data of FFS and Managed Care Participants



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

The following physician-related 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 (ABA)

Early Periodic Screening Diagnosis Treatment (EPSDT)

The EPSDT program, or Healthy Children and Youth (HCY) 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 Affordable Care Act (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.

- Eligible individuals have at least two of the following:
  - Asthma
  - Cardiovascular disease
  - Diabetes
  - Developmental disabilities
  - Overweight (BMI>25) OR
  - One of the above and tobacco use
  - Diabetes as single condition;

The MHD, in coordination with the DMH, 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.

For participants to be eligible for asthma education and asthma environmental assessment services the individual must meet the following criteria:

- Be currently enrolled in MO HealthNet, and
- Be younger than 21 years of age, and
- Have a primary diagnosis of asthma, and

- Have had one of the following events as a result of asthma in the last 12 months:
  - 1 or more Inpatient Hospital stays, or
  - 2 or more Emergency Department (ED) visits, or
  - 3 or more Urgent Care visits, or
  - A high utilization of rescue inhalers (short-acting inhaled beta-2 agonists) defined as 4 or more prescription refills, or underutilization of ICS (inhaled corticosteroids) defined as missing 4 or more refills based on their enrollment months, and at least one ED or Urgent Care visit.

Applied Behavior Analysis (ABA)

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.

All categories of assistance can qualify for ABA services, except the Uninsured Women's Services, Temporary Women's Assistance for Pregnant Women, and Missouri RX Plan. However, the covered benefit is limited to participants under the age of 21 and must have an Autism Spectrum disorder diagnosis to qualify.

MO HealthNet Physician-Related Provider Types

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

- Physicians
- 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, including 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, 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 (APRN)

An 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, post-partum 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 (CRNA)

A 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 APRN or 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.

Laboratory and X-Ray

Laboratory, radiology, 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.

Laboratory Reimbursement Reduction

Effective for dates of service beginning January 1, 2018, the MHD reduced reimbursement rates for Laboratory services from 100% of the Medicare rate to 80% of the most current Medicare allowed laboratory rates. The outpatient hospital laboratory and independent laboratory reimbursement will be updated annually to reflect the most current 80% of the Medicare allowed laboratory rates. The 2018, enrollment data shows that there are 346 Independent Laboratories and 90 Independent X-Ray Services. However, there are many provider types who perform laboratory services, such as physicians, hospitals, FQHCs, RHCs, and clinics. Therefore, there is no expected negative impact on access. The MHD will analyze additional 2018 data to better represent the provider population performing laboratory services and the participants' access to such services. A Draft AMRP is posted for public comment. The comments received during the comment period related to the laboratory rate reduction can be found on Appendix B page 220 and will continually be updated to reflect further stakeholder input.

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 RHC Services Act of 1977, designating RHCs 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. RHCs 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 RHC Act, be certified by the Public Health Service, be certified for participation in Medicare, and be enrolled as a MO HealthNet provider.

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

- Provider-based Rural Health Clinic (PBRHC): 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 FQHCs. 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.

Dental

Children under 21 years of age and participants in category of assistance for pregnant women, the blind or vendor nursing facility residents are eligible for the complete dental benefit. MO HealthNet considers additional dental services for adults with certain pre-existing medical conditions. Such services require a written referral from the participant's physician that must state the absence of the dental treatment would adversely affect a specific preexisting medical condition.

Reimbursement for dental services is made on a FFS basis. The maximum allowable fee for a service has been determined by the MHD to be a reasonable fee, consistent with efficiency, economy, and quality of care. Payment for covered services is the lower of the provider's actual billed charge, which should be the provider's usual and customary charge to the general public for the service, or the maximum allowable per unit of service. The billed amount for supplies must reflect only the provider's cost. MO HealthNet payment for dental services is the lower of the provider's usual and customary charge to the general public or the MO HealthNet maximum allowable fee for service.

Dental Rate History

1/1/16: 1% rate increase for all dental related services
7/1/16: 2% rate increase for all dental related services
7/1/17: 3% rate decrease for all dental related services

The agencies experienced a rate increase in January 1, 2016, and in July 1, 2016, and the July 1, 2017, rate decrease essentially removes the last two increase taking rates back to the rate prior to January 1, 2016. The enrollment data shows no change in enrolled providers from 2016 and 2017, which were 1,023 total enrolled providers. Therefore, there is no expected negative impact on access. However, the enrollment data will be analyzed for any changes in the number of enrolled dental providers. The MHD will continue to monitor any impact the rate change has on access. A Draft AMRP is posted for public comment. The comments received during the comment period related to the dental rate reduction can be found on Appendix A page 210 and will continually be updated to reflect further stakeholder input.

Home Health Services

The conditions of coverage of the MO HealthNet Home Health Program are set forth in 13 CSR 70-90.010 Home Health Care Services. The Rule incorporates, in large part, Medicare's standards and guidelines regarding coverage of home health services. Accordingly, the following sections of the Medicare Home Health Manual have been incorporated into the MO HealthNet policy:

- Skilled nursing care;
- Home Health Aide Services
- Physical Therapy;
- Occupational Therapy;
- Speech Therapy;
    - Regarding the therapies, the conditions of coverage are applicable to MO HealthNet coverage; and

• Medical supplies. This includes Medicare's exclusion of coverage for drugs and biologicals as supplies. MO HealthNet does *not* incorporate the Medicare policy regarding medical appliances and

durable medical equipment because such items are available to participants through the Durable Medical Equipment Program.

Home health services provide primarily medically-oriented treatment or supervision to individuals with an acute illness, or an exacerbation of a chronic or long-term illness, which can be therapeutically managed at home. The care follows a written plan of treatment established and periodically reviewed by a physician.

NOTE: Home Health Services are performed in the participants' homes. The Home Health staff travel to the participants' home to provide services within the home. The number of enrolled Home Health agencies, as shown on page 183 in the Network Adequacy report, does not reflect the number of staff available in each agency. The Home Health provider does not report to the MHD the number of employees they have providing services. If applicable, the MHD will analyze staffing availability.

Home Health Services Provider Participation

To participate in the MO HealthNet Home Health Program, the home health agency *must* be currently licensed with the Missouri DHSS, *must* be Medicare certified, and *must* have a current MO HealthNet provider agreement.

Home Health Services Participant Eligibility

Home Health Services are covered for most categories of assistance, except the Uninsured Women's Health Services, MORx and some categories of assistance do not cover Physical Therapy, Occupational Therapy, and Speech Therapy for the home health services. Home Health Program skilled therapy services are *not* covered for individuals covered under a limited benefit package. The participant may be eligible if they require intermittent skilled nursing care which is reasonable and necessary for the treatment of an injury or illness, or the participant requires physical, occupational or speech therapy for conditions that meet policy guidelines. Home health services can only be provided in the participant's place of residence.

MO HealthNet Reimbursement for Home Health Services

Reimbursement for home health services is made on a FFS basis. The maximum allowable fee for a unit of service has been determined by the MHD to be a reasonable fee, consistent with efficiency, economy, and quality of care. Payment for covered services is the lower of the provider's actual billed charge, which should be the provider's usual and customary charge to the general public for the service, or the maximum allowable per unit of service. The billed amount for supplies must reflect only the provider's cost. MO HealthNet payment for home health services is the lower of the provider's usual and customary charge to the general public or the MO HealthNet maximum allowable fee for service.

Home Health Service Rate History

7/1/15: rate increase per visit rate for all home health services to $77.16; rate increased to make the rate stabilization that all agencies were getting the same rate per visit.

1/1/16: 1% rate increase per visit for all home health services funded with Tax Amnesty Fund to a cap rate of $77.93

7/1/16: 2% rate increase per visit for all home health services to a cap rate of $79.47
7/1/17: 3% rate decrease per visit for all home health Services to a cap rate of $77. 16

The home health agencies rate reduction is comparable to the SFY 2016 rates. The agencies experienced a rate increase for approximately 18 months between the January 1, 2016, rate and the current rate change on July 1, 2017. Therefore, there is no expected negative impact on access. The enrollment data shows that there has been a slight change in the number of enrolled home health agencies. In 2018, there are a total of 162 licensed home health agencies in the state of Missouri, of which 143 are currently enrolled, which represents 97% of the agencies are enrolled with Medicaid. In 2017, there were a total of 147 providers enrolled with Medicaid. The MHD will continue to monitor any impact the rate change has on access. A Draft AMRP is posted for public comment. The comments received during the comment period related to the Home Health rate reduction can be found on Appendix A page 210 and will continually be updated to reflect further stakeholder input.

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:

- APRN and NP,
- Nurse Midwives,
- PA, and
- 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, IDTF, RHCs, and FQHCs, 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.

FQHCs and 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. FFS claims are submitted to the 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 MHD.

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. The 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 from $0.50 to $3.00 for physician-related services; however, some services and participants are exempt from copay requirements.

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.

Physician-Related Services Rate History

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.
1/1/16: 1% rate increase for all physician related services.
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.
7/1/17: 1.5% rate decrease for all physician related services.

The physician-related service providers experienced a 1% increase for approximately 5 months, in 2016, and an additional 2% increase in July 2016, totaling a 3% rate increase for approximately 6 months in 2016. Even though there is a 1.5% rate decrease for physician related services on July 1, 2017, the rate will still be a 1.5% increase from the December 2015 rates. Furthermore, it is only a 1.5% decrease from the 2016 rates due to the 3% increase from the 2015 rates. Therefore, due to the short duration of the 3% increase and still experiencing a 1.5% increase, there is no expected negative impact on access. The physician related services will continue to receive the 1.5% increase in rates in 2017 as compared to 2015 rates.

Private Duty Nursing

Private Duty Nursing (PDN) is the provision of individual and continuous care (in contrast to part-time or intermittent care) provided by a licensed nurse acting within the scope of the Missouri Nurse Practice

Act according to an individualized Plan of Care approved by a physician. Services within the MO HealthNet PDN Program include shift care by a RN or licensed practical nurse (LPN). Custodial, child care, respite and transportation services are not covered services under the PDN Program.

The PDN who delivers direct care cannot be a member of the family or household member. A family member is defined as a parent; sibling; child by blood, adoption or marriage; spouse; grandparent or grandchild.

PDN Provider Participation

To participate in the MO HealthNet PDN Program, the PDN provider must satisfy one of the following requirements:

- Be a Medicare certified and MO HealthNet Program enrolled home health agency provider; or
- Be accredited by the Joint Commission for Accreditation of Health Organization (JCAHO) or the Community Health Accreditation Program (CHAPS); or
- If one of the above criteria is not met, a written proposal must be submitted which describes the agency and its service delivery system, assures understanding of and compliance with the standards of the PDN Program; and documents the agency's administrative and fiscal ability to provide the services in accordance with standards as established in 13 CSR 70- 95.010, Private Duty Nursing Care under the HCY Program.

PDN Participant Eligibility

PDN services are a covered benefit for children under 21 and eligible for HCY services. PDN services are not a covered benefit for participants over the age of 21.

MO HealthNet Reimbursement for PDN Services

A unit of PDN care service is a full 15 minutes of direct service to the service participant. Combined or partial units are *not* billable to MO HealthNet. Services available under the PDN Program are RN PDN and LPN PDN. The maximum number of units authorized per day is sixty-four (16 hours). Exceptions to this policy may be made for short periods of time depending upon the individual needs of the child. Reimbursement for PDN services is made on a FFS basis. The maximum allowable fee for a unit of service has been determined by the MHD to be a reasonable fee, consistent with efficiency, economy, and quality of care. Payment for covered services is the lower of the provider's actual billed charge, which should be the provider's usual and customary charge to the general public for the service, or the maximum allowable per unit of service.

Payment is made in accordance with the fee per unit of service as defined and determined by the MHD.

- A unit of service is 15 minutes.
- The fee per unit of service is the same for the services of the RN or LPN.
- The fee per unit of service is based on the determination by the state agency of the reasonable cost of providing the covered services on a statewide basis and within the mandatory maximum payment limitations.

- Payment is made on the lower of the established rate per service unit or the provider's billed charges. The charge billed to MO HealthNet may *not* be more than a provider's ordinary charge to the general public for the same services.

PDN Rate History

1/1/16: 3% rate increase for PDN codes
7/1/16: 3% rate increase for PDN (to total 6% increase from the 12/31/15)
7/1/17: 6% decrease for PDN (return to same reimbursement rate as 12/31/15)

The agencies experienced a rate increase in January 1, 2016, and in July 1, 2016, and the July 1, 2017, essentially removes the last two increase taking rates back to the rate prior to January 1, 2016. The enrollment data shows that in 2018, there are 69 PDN enrolled with Medicaid. The enrollment and eligibility data shows that there are 14,487 participants out of the total Medicaid population who could be eligible for PDN services. However, this does not reflect the current population receiving PDN services or the participant need for services. The enrollment data will be analyzed for any changes in the number of enrolled providers. The MHD will continue to monitor any impact the rate change has on access. A Draft AMRP is posted for public comment. The comments received during the comment period related to the PDN rate reduction can be found on Appendix A page 210 and will continually be updated to reflect further stakeholder input.

Access Monitoring Review Plan

The 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, 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, the 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:** 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. [2]

[2] http://dss.mo.gov/mis/cqfacts/. http://dss.mo.gov/mis/cqfacts/2016-missouri-counties-quick-facts.pdf. https://dss.mo.gov/mis/cqfacts/2017-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. [3]

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 (FSD) 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. [4]

Annual Summaries for Enrollment Data: Provides MO HealthNet Managed Care health plan enrollment by state fiscal year. [5]

Data to Assess Access: Future Tools and Reports

In addition to the various initiatives that were discussed previously, the MHD 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 is considering to expand a "secret shopper" survey of FFS 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 telemedicine and telemonitoring on providing adequate care for FFS participants.

The DSS, 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 MO HealthNet program. The administrative efficiencies are intended to reduce and streamline the process of provider enrollment and reverification, which should decrease the provider's administrative costs and consequently the reasons why a provider may not participate in the Medicaid program.

Data to Assess Access: Service-Specific Analyses

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[3] http://dss.mo.gov/reports/dashboards/.

[4] http://dss.mo.gov/re/fsd_mhdmr.htm.

[5] http://dss.mo.gov/mhd/mc/pages/enroll.htm.

Consistent with 42 CFR Section 447.203(5) (ii), MHD analyzes the following service categories:

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

The MHD added two additional categories due to restructuring of rates or rate reductions:

- Pharmacy agencies and
- Nursing facilities.

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) State Fiscal Year Rate Study
2) Fee-for-service Network Access Report
3) Utilization Report

State Fiscal Year Rate Study

The MHD completes an annual review, required by State statute, of provider rates for specific types of services and provider types. The 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-2017 and SFY-2018. 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-2017 and SFY-2018, for all programs was obtained from the MMIS. The Medicare allowed amount as of January 1, 2017, was also obtained from the MMIS.

Section 208.152.1(23) of the Revised Statutes of Missouri requires the 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 - 2017, and the July 2008, *Four-Year Plan to Reach Reimbursement Parity* (also referred to as the Four-Year Plan). This study is based on SFY 2017 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-2017 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 (l) (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 is 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 (RHC)	Per federal law, both Medicare and MO HealthNet reimburse independent 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.

The tables below reflect the estimated SFY-2018 paid amount based on SFY-2017 utilization and SFY-2018 rates, and the comparison with the FY-2016 Rate Study.

MO HealthNet Program Areas Excluded from SFY-2018 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 (l)(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. Valid comparisons between the two reimbursement methodologies are not 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. Valid Medicare comparisons are not available.
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 by applying the following hierarchy methodology: Federal Upper Limit (FUL) price, plus professional dispensing fee; if there is no FUL, Missouri Maximum Allowed Cost (MAC), plus professional dispensing fee; if no FUL or MAC, Wholesale Acquisition Cost (WAC) minus 3.1%, plus professional dispensing fee, OR The usual and customary (U&C) charge submitted by the provider IF it is lower than the chosen price (FUL, MAC, or WAC). Medicare Part D is based on capitated rates and comparability to MO HealthNet Pharmacy is not possible.
Rural Health Center (RHC)	Per federal law, both Medicare and MO HealthNet reimburse independent 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 *2016 National Dental Advisory Service Fee Report* (Yale Wasserman, 2016) for the SFY-2017 and the *2017 National Dental Advisory Service Fee Report* (Yale Wasserman,

2017) for the SFY-2018. 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 was 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, 2016, and 2017 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.

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-2016 utilization and SFY-2017 utilization. If utilization changed between years, the percentage of parity may have fluctuated, too. Likewise, the addition of newly utilized codes in SFY-2016 and SFY- 2017 would influence the parity percentage.

- As required by Section 1834(a)(1)(F)(ii) of the Social Security Act, certain Medicare rates for Durable Medical Equipment, Prosthetics, Orthotics, and Supplies (DMEPOS) equipment received a fee schedule adjustment. Rates were phased in starting on January 1, 2016, and January 1, 2017, so that the fee schedule amounts in all areas were based on a 50/50 blend of current rates and adjusted rates. This allowed a six-month transition period where health outcomes and access to these items and services could be closely monitored. The fully adjusted rates were phased in on July 1, 2016 and Julye 1, 2017. This resulted in an increase in parity for those affected rates.
- Providers received a fee schedule rate increase approved by the Governor and the General Assembly beginning SFY-2016, which resulted in an increase in parity for those fee schedule services.

- Providers received a fee schedule rate decrease approved by the Governor and the General Assembly beginning SFY-2018.

Conclusion

The overall MO HealthNet rate for the SFY-2017 rate study is 58% of Medicare. This is a 2% increase from the percentage found in the SFY-2016 rate study.

MO HealthNet Rate Parity		
Program	**SFY-2017 Rates as a Percentage of Medicare**	**SFY-2016 Rates as a Percentage of Medicare**
Ambulance	62%	52%
Audiology	55%	56%
Dental*	35%	34%
Durable Medical Equipment	92%	85%
Optical	38%	39%
Physician	58%	57%
Rehabilitation Center Therapy	23%	22%
*Dental is compared to the Medicare rate when available or the Usual, Customary, and Reasonable (UCR) rate		

References: Physicians' Current Procedural Terminology (1999). 2010 ed. American Medical Association.
Yale Wasserman, (2016). 2016 National Dental Advisory Service Fee Report. Medical Publishers, Ltd.

MO HealthNet Rate Parity		
Program	**SFY-2018 Rates as a Percentage of Medicare**	**SFY-2017 Rates as a Percentage of Medicare**
Ambulance	56%	62%
Audiology	59%	55%
Dental*	35%	35%
Durable Medical Equipment	109%	88%**
Optical	37%	38%
Physician	57%	58%
Rehabilitation Center Therapy	24%	23%

*Dental is compared to the Medicare rate when available or the Usual, Customary, and Reasonable (UCR) rate
**DME SFY17 rate as a Percentage of Medicare was updated due to errors identified in DME rate study.

References: Physicians' Current Procedural Terminology (1999). 2010 ed. American Medical Association.
Yale Wasserman, (2016). *2018 National Dental Advisory Service Fee Report*. Medical Publishers, Ltd.

The tables below reflect the estimated SFY-2017 paid amount based on SFY-2016 utilization and SFY-2017 rates, and the comparison with the FY-2015 Rate Study.

	Codes with Medicare Comparison*	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
FFS Total	Ground Mileage	2	982,972	$3,548,529	$7,185,525	49%
	Ground Transport, Services & Supplies	21	64,130	$18,070,874	$24,001,624	75%
	Air Mileage	3	40,109	$154,429	$1,332,348	12%
	Air Transport, Services & Supplies	4	882	$1,802,004	$4,005,617	45%
MC-like Children	Ground Mileage	2	347,072	$1,252,930	$2,537,096	49%
	Ground Transport, Services & Supplies	22	20,427	$2,915,902	$4,068,551	72%
	Air Mileage	3	43,403	$156,836	$1,276,185	12%
	Air Transport, Services & Supplies	5	486	$1,115,593	$2,350,630	47%
MC-like Adults	Ground Mileage	1	144,711	$522,407	$1,057,837	49%
	Ground Transport, Services & Supplies	12	6,897	$2,000,309	$2,638,031	76%
	Air Mileage	3	9,672	$36,719	$312,898	12%
	Air Transport, Services & Supplies	4	163	$360,528	$798,240	45%
	Subtotal Codes with Medicare Comparison		1,660,924	$31,937,060	$51,564,582	62%
	Codes with No Medicare Comparison					
FFS Total	Ground Transport, Services & Supplies	4	85	$870		
	Air Transport, Services & Supplies	4	461	$7,076		
MC-like Children	Ground Transport, Services & Supplies	2	11	$155		
	Air Transport, Services & Supplies	5	218	$2,905		
MC-like Adults	Ground Transport, Services & Supplies	1	2	$21		
	Air Transport, Services & Supplies	4	84	$1,107		
	Subtotal Codes without Medicare Comparison		861	$12,134		
	Ambulance Total		**1,661,785**	**$31,949,194**		

* Represents base rates to ambulance providers.

To Compare with FY15 Rate Study

	Codes with Medicare Comparison *	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % Comparison Group
Children	Ground Mileage		347,072	$1,252,930	$2,537,096	49%
	Ground Transport, Services & Supplies		20,427	$2,915,902	$4,068,551	72%
	Air Mileage		43,403	$156,836	$1,276,185	12%
	Air Transport, Services & Supplies		486	$1,115,593	$2,350,630	47%
Adults	Ground Mileage		1,127,683	$4,070,936	$8,243,362	49%
	Ground Transport, Services & Supplies		71,027	$20,071,183	$26,639,655	75%
	Air Mileage		49,781	$191,148	$1,645,246	12%
	Air Transport, Services & Supplies		1,045	$2,162,532	$4,803,857	45%
	Subtotal Codes with Medicare Comparison		1,660,924	$31,937,060	$51,564,582	62%
	Codes with No Medicare Comparison					
Children	Ground Transport, Services & Supplies		11	$155		
	Air Transport, Services & Supplies		218	$2,905		
Adults	Ground Transport, Services & Supplies		87	$891		
	Air Transport, Services & Supplies		545	$8,183		
	Subtotal Codes without Medicare Comparison		861	$12,134		
	Ambulance Total		**1,661,785**	**$31,949,194**		

	Codes with Medicare Comparison*	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
FFS Total	Ground Mileage	2	1,003,265	$3,511,592	$7,384,376	48%
	Ground Transport, Services & Supplies	15	66,168	$20,755,427	$31,067,399	67%
	Air Mileage	3	44,920	$166,652	$1,458,763	11%
	Air Transport, Services & Supplies	4	857	$1,739,902	$4,782,264	36%
MC-like Children	Ground Mileage	2	353,066	$1,235,731	$2,598,566	48%
	Ground Transport, Services & Supplies	16	22,548	$3,057,124	$4,891,590	62%
	Air Mileage	2	11,608	$29,020	$149,047	19%
	Air Transport, Services & Supplies	6	35,404	$1,275,190	$4,183,867	30%
MC-like Adults	Ground Mileage	1	138,429	$484,502	$1,018,837	48%
	Ground Transport, Services & Supplies	12	6,702	$2,159,577	$3,228,077	67%
	Air Mileage	2	10,462	$39,317	$347,911	11%
	Air Transport, Services & Supplies	3	170	$370,319	$971,269	38%
	Subtotal Codes with Medicare Comparison		1,693,599	$34,824,353	$62,081,966	56%
	Codes with No Medicare Comparison					
FFS Total	Ground Transport, Services & Supplies	4	28	$270		
	Air Transport, Services & Supplies	4	506	$6,695		
MC-like Children	Ground Transport, Services & Supplies	1	1	$10		
	Air Transport, Services & Supplies	4	199	$2,380		
MC-like Adults	Ground Transport, Services & Supplies	1	2	$20		
	Air Transport, Services & Supplies	4	91	$1,175		
	Subtotal Codes without Medicare Comparison		827	$10,550		
	Ambulance Total		**1,694,426**	**$34,834,903**		

* Represents base rates to ambulance providers.

To Compare with FY17 Rate Study

	Codes with Medicare Comparison*	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
FFS Total	Ground Mileage	2	982,972	$3,548,529	$7,185,525	49%
	Ground Transport, Services & Supplies	21	64,130	$18,070,874	$24,001,624	75%
	Air Mileage	3	40,109	$154,429	$1,332,348	12%
	Air Transport, Services & Supplies	4	882	$1,802,004	$4,005,617	45%
MC-like Children	Ground Mileage	2	347,072	$1,252,930	$2,537,096	49%
	Ground Transport, Services & Supplies	22	20,427	$2,915,902	$4,068,551	72%
	Air Mileage	3	43,403	$156,836	$1,276,185	12%
	Air Transport, Services & Supplies	5	486	$1,115,593	$2,350,630	47%
MC-like Adults	Ground Mileage	1	144,711	$522,407	$1,057,837	49%
	Ground Transport, Services & Supplies	12	6,897	$2,000,309	$2,638,031	76%
	Air Mileage	3	9,672	$36,719	$312,898	12%
	Air Transport, Services & Supplies	4	163	$360,528	$798,240	45%
	Subtotal Codes with Medicare Comparison		1,660,924	$31,937,060	$51,564,582	62%
	Codes with No Medicare Comparison					
FFS Total	Ground Transport, Services & Supplies	4	85	$870		
	Air Transport, Services & Supplies	4	461	$7,076		
MC-like Children	Ground Transport, Services & Supplies	2	11	$155		
	Air Transport, Services & Supplies	5	218	$2,905		
MC-like Adults	Ground Transport, Services & Supplies	1	2	$21		
	Air Transport, Services & Supplies	4	84	$1,107		
	Subtotal Codes without Medicare Comparison		861	$12,134		
	Ambulance Total		**1,661,785**	**$31,949,194**		

* Represents base rates to ambulance providers.

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	Evaluations & Testing	28	1,545	$45,975	$72,636	63%
MC-like Children	Evaluations & Testing	36	12,442	$209,545	$390,747	54%
MC-like Adults	Evaluations & Testing	5	113	$2,257	$4,155	54%
	Subtotal Codes with Medicare Comparison		14,100	$257,777	$467,538	55%
	Codes with No Medicare Comparison					
FFS Total	Repairs/Replacement Parts	12	2,910	$20,778		
	Hearing Aids	38	791	$229,838		
MC-like Children	Repairs/Replacement Parts	10	7,748	$29,678		
	Hearing Aids	33	710	$243,078		
MC-like Adults	Repairs/Replacement Parts	4	4	$72		
	Hearing Aids	3	4	$989		
	Subtotal Codes without Medicare Comparison		12,167	$524,433		
	Audiology Total		**26,267**	**$782,210**		

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

To Compare with FY15 Rate Study

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
Children	Evaluations & Testing		12,442	$209,545	$390,747	54%
Adults	Evaluations & Testing		1,658	$48,232	$76,791	63%
	Subtotal Codes with Medicare Comparison		14,100	$257,777	$467,538	55%
	Codes with No Medicare Comparison					
Children	Repairs/Replacement Parts		7,748	$29,678		
	Hearing Aids		710	$243,078		
Adults	Repairs/Replacement Parts		2,914	$20,850		
	Hearing Aids		795	$230,827		
	Subtotal Codes without Medicare Comparison		12,167	$524,433		
	Audiology Total		**26,267**	**$782,210**		

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	Evaluations & Testing	24	995	$41,149	$52,395	79%
MC-like Children	Evaluations & Testing	36	11,636	$235,868	$419,395	56%
MC-like Adults	Evaluations & Testing	4	86	$1,661	$3,177	52%
	Subtotal Codes with Medicare Comparison		12,717	$278,678	$474,967	59%
	Codes with No Medicare Comparison					
FFS Total	Repairs/Replacement Parts	11	1,790	$11,138		
	Hearing Aids	36	456	$130,866		
MC-like Children	Repairs/Replacement Parts	9	7,712	$45,274		
	Hearing Aids	34	858	$255,345		
MC-like Adults	Repairs/Replacement Parts	6	8	$100		
	Hearing Aids	4	4	$960		
	Subtotal Codes without Medicare Comparison		10,828	$443,683		
	Audiology Total		**23,545**	**$722,361**		

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

To Compare with FY17 Rate Study

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	Evaluations & Testing	28	1,545	$45,975	$72,636	63%
MC-like Children	Evaluations & Testing	36	12,442	$209,545	$390,747	54%
MC-like Adults	Evaluations & Testing	5	113	$2,257	$4,155	54%
	Subtotal Codes with Medicare Comparison		14,100	$257,777	$467,538	55%
Codes with No Medicare Comparison						
FFS Total	Repairs/Replacement Parts	12	2,910	$20,778		
	Hearing Aids	38	791	$229,838		
MC-like Children	Repairs/Replacement Parts	10	7,748	$29,678		
	Hearing Aids	33	710	$243,078		
MC-like Adults	Repairs/Replacement Parts	4	4	$72		
	Hearing Aids	3	4	$989		
	Subtotal Codes without Medicare Comparison		**12,167**	**$524,433**		
	Audiology Total		**26,267**	**$782,210**		

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with UCR Comparison					
FFS	Dental Services	118	36,588	$1,928,702	$6,266,851	31%
MC-like Children	Dental Services	122	349,672	$11,252,665	$33,916,795	33%
MC-like Adults	Dental Services	84	9,469	$494,773	$1,557,483	32%
	Subtotal Codes with UCR Comparison		395,729	$13,676,140	$41,741,129	33%
	Codes with Medicare Comparison					
FFS	Dental Services	29	16,621	$1,133,344	$2,108,276	54%
MC-like Children	Dental Services	21	23,058	$1,573,142	$2,770,293	57%
MC-like Adults	Dental Services	20	3,399	$237,300	$439,151	54%
	Subtotal Codes with Medicare Comparison		43,078	$2,943,786	$5,317,720	55%
					Dental Rate Parity	
	Total Codes with UCR and Medicare Comparisons			$16,619,926	$47,058,849	35%
	Codes with No Medicare Comparison					
FFS	Dental Services	6	15	$475		
MC-like Children	Dental Services	14	649	$18,815		
MC-like Adults	Dental Services	1	3	$52		
	Subtotal Codes without Medicare Comparison		667	$19,342		

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-2016, 2,155 units were billed. MO HealthNet's cost was $479,419.

To Compare with FY15 Rate Study

Dental

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with UCR Comparison					
Children	Dental Services		349,672	$11,252,665	$33,916,795	33%
Adults	Dental Services		46,057	$2,423,475	$7,824,334	31%
	Subtotal Codes with UCR Comparison		395,729	$13,676,140	$41,741,129	33%
	Codes with Medicare Comparison					
Children	Dental Services		23,058	$1,573,142	$2,770,293	57%
Adults	Dental Services		20,020	$1,370,644	$2,547,427	54%
	Subtotal Codes with Medicare Comparison		43,078	$2,943,786	$5,317,720	55%
					Dental Rate Parity	
	Total Codes with UCR and Medicare Comparisons			$16,619,926	$47,058,849	35%
	Codes with No Medicare Comparison					
MC Children	Dental Services		649	$18,815		
MC Adults	Dental Services		18	$527		
	Subtotal Codes without Medicare Comparison		667	$19,342		
	Dental Total		**439,474**	**$16,639,268**		

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with UCR Comparison					
FFS	Dental Services	125	61,650	$2,910,853	$9,572,611	30%
MC-like Children	Dental Services	127	319,836	$9,537,473	$30,376,052	31%
MC-like Adults	Dental Services	77	11,791	$505,736	$1,655,212	31%
	Subtotal Codes with UCR Comparison		393,277	$12,954,062	$41,603,875	31%
	Codes with Medicare Comparison					
FFS	Dental Services	29	34,013	$2,221,627	$4,156,841	53%
MC-like Children	Dental Services	21	20,211	$1,390,194	$2,535,055	55%
MC-like Adults	Dental Services	17	6,361	$439,581	$842,138	52%
	Subtotal Codes with Medicare Comparison		60,585	$4,051,402	$7,534,034	54%
					Dental Rate Parity	
	Total Codes with UCR and Medicare Comparisons			$17,005,464	$49,137,909	35%
	Codes with No Medicare Comparison					
FFS	Dental Services	6	34	$1,229		
MC-like Children	Dental Services	5	486	$9,811		
MC-like Adults	Dental Services	2	2	$28		
	Subtotal Codes without Medicare Comparison		522	$11,068		

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-2017, 1,782 units were billed. MO HealthNet's cost was $459,125.

To Compare with FY17 Rate Study

Dental

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % Comparison Group
	Codes with UCR Comparison					
FFS	Dental Services	118	36,588	$1,928,702	$6,266,851	31%
MC-like Children	Dental Services	122	349,672	$11,252,665	$33,916,795	33%
MC-like Adults	Dental Services	84	9,469	$494,773	$1,557,483	32%
	Subtotal Codes with UCR Comparison		395,729	$13,676,140	$41,741,129	33%
	Codes with Medicare Comparison					
FFS	Dental Services	29	16,621	$1,133,344	$2,108,276	54%
MC-like Children	Dental Services	21	23,058	$1,573,142	$2,770,293	57%
MC-like Adults	Dental Services	20	3,399	$237,300	$439,151	54%
	Subtotal Codes with Medicare Comparison		43,078	$2,943,786	$5,317,720	55%
					Dental Rate Parity	
	Total Codes with UCR and Medicare Comparisons			$16,619,926	$47,058,849	35%
	Codes with No Medicare Comparison					
FFS	Dental Services	6	15	$475		
MC-like Children	Dental Services	14	649	$18,815		
MC-like Adults	Dental Services	1	3	$52		
	Subtotal Codes without Medicare Comparison		667	$19,342		

Orthodontics

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost *	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS	Supplies-Purchase	228	581,768	$2,880,499	$2,956,439	97%
	Equipment-Purchase	202	18,595	$7,251,257	$8,664,075	84%
	Equipment-Rental	79	124,723	$13,414,474	$11,897,042	113%
	Orthotic & Prosthetic-Purchase	382	24,313	$6,371,923	$8,386,916	76%
MC-like Children	Supplies-Purchase	136	262,907	$756,399	$793,441	95%
	Equipment-Purchase	137	8,675	$1,644,182	$1,884,213	87%
	Equipment-Rental	48	16,734	$1,497,014	$1,448,691	103%
	Orthotic & Prosthetic-Purchase	263	15,163	$2,133,777	$2,929,511	73%
MC-like Adults	Supplies-Purchase	60	12,954	$109,382	$105,694	103%
	Equipment-Purchase	60	763	$176,478	$188,223	94%
	Equipment-Rental	35	4,571	$454,301	$352,920	129%
	Orthotic & Prosthetic-Purchase	140	2,220	$395,035	$521,316	76%
	Subtotal Codes with Medicare Comparison		1,073,386	$37,084,721	$40,128,481	92%
	Codes with No Medicare Comparison					
FFS	Supplies-Purchase	73	2,307,807	$1,802,463		
	Enteral & Parenteral Therapy-Purchase	58	2,421,273	$4,532,929		
	Equipment-Purchase	118	5,217	$3,087,732		
	Equipment-Rental	16	16,780	$1,171,139		
	Orthotic & Prosthetic-Purchase	23	4,318	$65,285		
	Repairs	249	26,926	$1,956,229		
MC-like Children	Supplies-Purchase	58	1,359,580	$1,071,137		
	Enteral & Parenteral Therapy-Purchase	41	2,561,706	$4,821,144		
	Equipment-Purchase	30	591	$742,216		
	Equipment-Rental	11	1,999	$1,102,243		
	Orthotic & Prosthetic-Purchase	20	727	$180,452		
	Repairs	86	3,407	$157,848		
MC-like Adults	Supplies-Purchase	9	6,527	$61,878		
	Enteral & Parenteral Therapy-Purchase	16	7,574	$34,955		
	Equipment-Purchase	4	131	$8,909		
	Equipment-Rental	4	370	$5,591		
	Orthotic & Prosthetic-Purchase	3	46	$2,307		
	Repairs	10	72	$4,013		
	Subtotal Codes without Medicare Comparison		8,725,051	$20,808,470		

To Compare with FY15 Rate Study

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost *	MHD as % of Comparison Group
	Codes with Medicare Comparison					
MC Children	Supplies-Purchase		262,907	$756,399	$793,441	95%
	Equipment-Purchase		8,675	$1,644,182	$1,884,213	87%
	Equipment-Rental		16,734	$1,497,014	$1,448,691	103%
	Orthotic & Prosthetic-Purchase		15,163	$2,133,777	$2,929,511	73%
MC Adults	Supplies-Purchase		594,722	$2,989,881	$3,062,133	98%
	Equipment-Purchase		19,358	$7,427,735	$8,852,298	84%
	Equipment-Rental		129,294	$13,868,775	$12,249,962	113%
	Orthotic & Prosthetic-Purchase		26,533	$6,766,958	$8,908,232	76%
	Subtotal Codes with Medicare Comparison		1,073,386	$37,084,721	$40,128,481	92%
	Codes with No Medicare Comparison					
MC Children	Supplies-Purchase		1,359,580	$1,071,137		
	Enteral & Parenteral Therapy-Purchase		2,561,706	$4,821,144		
	Equipment-Purchase		591	$742,216		
	Equipment-Rental		1,999	$1,102,243		
	Orthotic & Prosthetic-Purchase		727	$180,452		
	Repairs		3,407	$157,848		
MC Adults	Supplies-Purchase		2,314,334	$1,864,341		
	Enteral & Parenteral Therapy-Purchase		2,428,847	$4,567,884		
	Equipment-Purchase		5,348	$3,096,641		
	Equipment-Rental		17,150	$1,176,730		
	Orthotic & Prosthetic-Purchase		4,364	$67,592		
	Repairs		26,998	$1,960,242		
	Subtotal Codes without Medicare Comparison		8,725,051	$20,808,470		

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost *	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS	Supplies-Purchase	228	582,907	$2,798,165	$2,668,441	105%
	Equipment-Purchase	273	22,256	$8,518,163	$9,785,102	87%
	Equipment-Rental	84	124,992	$15,350,376	$8,202,413	187%
	Orthotic & Prosthetic-Purchase	382	24,313	$6,186,538	$8,448,048	73%
MC-like Children	Supplies-Purchase	140	262,911	$735,297	$784,375	94%
	Equipment-Purchase	126	8,521	$1,708,186	$1,682,457	102%
	Equipment-Rental	47	16,730	$1,533,553	$1,156,915	133%
	Orthotic & Prosthetic-Purchase	262	15,160	$2,064,589	$2,949,822	70%
MC-like Adults	Supplies-Purchase	60	12,954	$106,204	$87,875	121%
	Equipment-Purchase	59	762	$170,583	$151,181	113%
	Equipment-Rental	35	4,571	$500,379	$318,265	157%
	Orthotic & Prosthetic-Purchase	140	2,220	$383,533	$524,923	73%
	Subtotal Codes with Medicare Comparison		1,078,297	$40,055,566	$36,759,817	109%
	Codes with No Medicare Comparison					
FFS	Supplies-Purchase	76	2,314,098	$11,855,700		
	Enteral & Parenteral Therapy-Purchase	57	2,415,296	$4,382,896		
	Equipment-Purchase	39	1,542	$1,494,159		
	Equipment-Rental	10	15,952	$1,121,898		
	Orthotic & Prosthetic-Purchase	21	983	$55,854		
	Repairs	249	27,076	$1,911,023		
MC-like Children	Supplies-Purchase	57	1,359,579	$1,037,421		
	Enteral & Parenteral Therapy-Purchase	40	2,550,840	$4,647,577		
	Equipment-Purchase	28	882	$1,239,451		
	Equipment-Rental	11	2,001	$1,095,138		
	Orthotic & Prosthetic-Purchase	20	727	$176,463		
	Repairs	85	3,412	$158,777		
MC-like Adults	Supplies-Purchase	10	6,643	$60,331		
	Enteral & Parenteral Therapy-Purchase	16	7,574	$33,966		
	Equipment-Purchase	4	7	$6,541		
	Equipment-Rental	4	370	$5,492		
	Orthotic & Prosthetic-Purchase	3	46	$2,240		
	Repairs	10	72	$5,305		
	Subtotal Codes without Medicare Comparison		8,707,100	$29,290,232		

To Compare with FY17 Rate Study

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost *	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS	Supplies-Purchase	228	581,768	$2,880,499	$2,924,963	98%
	Equipment-Purchase	202	18,595	$7,251,257	$9,430,232	77%
	Equipment-Rental	79	124,723	$13,414,474	$12,922,813	104%
	Orthotic & Prosthetic-Purchase	382	24,313	$6,371,923	$8,386,426	76%
MC-like Children	Supplies-Purchase	136	262,907	$756,399	$792,978	95%
	Equipment-Purchase	137	8,675	$1,644,182	$1,864,957	88%
	Equipment-Rental	48	16,734	$1,497,014	$1,402,556	107%
	Orthotic & Prosthetic-Purchase	263	15,163	$2,133,777	$2,920,863	73%
MC-like Adults	Supplies-Purchase	60	12,954	$109,382	$103,742	105%
	Equipment-Purchase	60	763	$176,478	$186,120	95%
	Equipment-Rental	35	4,571	$454,301	$462,723	98%
	Orthotic & Prosthetic-Purchase	140	2,220	$395,035	$516,447	76%
	Subtotal Codes with Medicare Comparison		1,073,386	$37,084,721	$41,914,820	88%
	Codes with No Medicare Comparison					
FFS	Supplies-Purchase	73	2,307,807	$1,802,463		
	Enteral & Parenteral Therapy-Purchase	58	2,421,273	$4,532,929		
	Equipment-Purchase	118	5,217	$3,087,732		
	Equipment-Rental	16	16,780	$1,171,139		
	Orthotic & Prosthetic-Purchase	23	4,318	$65,285		
	Repairs	249	26,926	$1,956,229		
MC-like Children	Supplies-Purchase	58	1,359,580	$1,071,137		
	Enteral & Parenteral Therapy-Purchase	41	2,561,706	$4,821,144		
	Equipment-Purchase	30	591	$742,216		
	Equipment-Rental	11	1,999	$1,102,243		
	Orthotic & Prosthetic-Purchase	20	727	$180,452		
	Repairs	86	3,407	$157,848		
MC-like Adults	Supplies-Purchase	9	6,527	$61,878		
	Enteral & Parenteral Therapy-Purchase	16	7,574	$34,955		
	Equipment-Purchase	4	131	$8,909		
	Equipment-Rental	4	370	$5,591		
	Orthotic & Prosthetic-Purchase	3	46	$2,307		
	Repairs	10	72	$4,013		
	Subtotal Codes without Medicare Comparison		8,725,051	$20,808,470		

Optical

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	Exams/Procedures	58	34,594	$1,264,602	$3,570,943	35%
FFS Total	Frames/Lens	151	107,189	$2,742,581	$6,154,209	45%
MC-like Children	Exams/Procedures	44	43,236	$1,934,839	$5,273,087	37%
MC-like Children	Frames/Lens	115	116,317	$1,975,763	$5,658,131	35%
MC-like Adults	Exams/Procedures	46	7,054	$298,219	$841,873	35%
MC-like Adults	Frames/Lens	94	16,092	$305,039	$831,585	37%
	Subtotal Codes with Medicare Comparison	508	324,482	$8,521,043	$22,329,828	38%
	Codes with No Medicare Comparison					
FFS Total	Exams/Procedures/Frames/Lens	11	29,472	$261,069		
MC-like Children	Exams/Procedures/Frames/Lens	12	33,768	$180,236		
MC-like Adults	Exams/Procedures/Frames/Lens	5	4,945	$29,402		
	Subtotal Codes without Medicare Comparison	28	68,185	$470,707		
	Optical Total		**392,667**	**$8,991,750**		

To Compare with FY15 Rate Study

Optical

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
Children	Exams/Procedures		43,236	$1,934,839	$5,273,087	37%
Children	Frames/Lens		116,317	$1,975,763	$5,658,131	35%
Adults	Exams/Procedures		41,648	$1,562,821	$4,412,816	35%
Adults	Frames/Lens		123,281	$3,047,620	$6,985,794	44%
	Subtotal Codes with Medicare Comparison		324,482	$8,521,043	$22,329,828	38%
	Codes with No Medicare Comparison					
Children	Exams/Procedures/Frames/Lens		33,768	$180,236		
Adults	Exams/Procedures/Frames/Lens		34,417	$290,471		
	Subtotal Codes without Medicare Comparison		68,185	$470,707		
	Optical Total		**392,667**	**$8,991,750**		

	Codes with Medicare Comparison	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
FFS Total	Exams/Procedures	64	34,471	$1,250,532	$3,632,483	34%
FFS Total	Frames/Lens	143	116,571	$2,832,782	$6,616,498	43%
MC-like Children	Exams/Procedures	45	43,250	$1,902,402	$5,352,324	36%
MC-like Children	Frames/Lens	115	138,274	$2,287,523	$6,758,688	34%
MC-like Adults	Exams/Procedures	43	6,893	$283,162	$824,105	34%
MC-like Adults	Frames/Lens	86	16,962	$310,056	$875,660	35%
	Subtotal Codes with Medicare Comparison	496	356,421	$8,866,457	$24,059,758	37%
	Codes with No Medicare Comparison					
FFS Total	Exams/Procedures/Frames/Lens	14	30,582	$286,594		
MC-like Children	Exams/Procedures/Frames/Lens	15	34,202	$176,838		
MC-like Adults	Exams/Procedures/Frames/Lens	7	5,016	$31,966		
	Subtotal Codes without Medicare Comparison	36	69,800	$495,398		
	Optical Total		**426,221**	**$9,361,855**		

To Compare with FY17 Rate Study

Optical

	Codes with Medicare Comparison	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
FFS Total	Exams/Procedures	58	34,594	$1,264,602	$3,570,943	35%
FFS Total	Frames/Lens	151	107,189	$2,742,581	$6,154,209	45%
MC-like Children	Exams/Procedures	44	43,236	$1,934,839	$5,273,087	37%
MC-like Children	Frames/Lens	115	116,317	$1,975,763	$5,658,131	35%
MC-like Adults	Exams/Procedures	46	7,054	$298,219	$841,873	35%
MC-like Adults	Frames/Lens	94	16,092	$305,039	$831,585	37%
	Subtotal Codes with Medicare Comparison	508	324,482	$8,521,043	$22,329,828	38%
	Codes with No Medicare Comparison					
FFS Total	Exams/Procedures/Frames/Lens	11	29,472	$261,069		
MC-like Children	Exams/Procedures/Frames/Lens	12	33,768	$180,236		
MC-like Adults	Exams/Procedures/Frames/Lens	5	4,945	$29,402		
	Subtotal Codes without Medicare Comparison	28	68,185	$470,707		
	Optical Total		**392,667**	**$8,991,750**		

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	X-ray	1,329	701,756	$19,810,228	$26,638,455	74%
	Anesthesia	609	4,622,669	$3,977,611	$8,482,189	47%
	Lab	842	875,934	$18,101,056	$19,596,959	92%
	Dental billed by Physician	52	167	$46,634	$86,684	54%
	Surgery	3,498	174,614	$38,194,978	$65,215,066	59%
	Medical Services	1,374	1,614,614	$87,012,124	$150,416,039	58%
	Vaccines & Immunization Administration	19	7,286	$87,785	$179,959	49%
	Ambulatory Surgical Center	537	7,396	$2,536,429	$3,163,834	80%
MC-like Children	X-ray	870	185,129	$3,818,954	$5,227,658	73%
	Anesthesia	419	2,050,414	$1,818,749	$3,845,030	47%
	Lab	712	316,648	$5,948,947	$6,280,090	95%
	Dental billed by Physician	38	81	$27,045	$51,219	53%
	Surgery	1,994	50,551	$10,288,319	$16,015,833	64%
	Medical Services	866	2,168,280	$70,310,013	$143,994,845	49%
	Vaccines & Immunization Administration	16	66,163	$464,239	$5,000,924	9%
	Ambulatory Surgical Center	202	2,476	$771,141	$1,122,396	69%
MC-like Adults	X-ray	929	142,061	$4,540,222	$6,537,423	69%
	Anesthesia	407	1,760,995	$1,440,152	$3,146,193	46%
	Lab	704	235,689	$5,091,980	$5,675,010	90%
	Dental billed by Physician	25	42	$13,000	$23,250	56%
	Surgery	1,637	38,518	$13,932,253	$22,599,454	62%
	Medical Services	704	234,288	$12,409,378	$21,146,481	59%
	Vaccines & Immunization Administration	4	2,444	$31,070	$57,856	54%
	Ambulatory Surgical Center	315	1,172	$418,255	$620,876	67%
	Subtotal Codes with Medicare Comparison		15,259,387	$301,090,561	$515,123,724	58%
	Codes with UCR Comparison					
FFS Total	Dental billed by Physician	45	1,637	$184,433	$607,484	30%
MC-like Children	Dental billed by Physician	48	10,751	$645,979	$1,836,823	35%
MC-like Adults	Dental billed by Physician	20	627	$82,195	$249,595	33%
	Subtotal Codes with UCR Comparison		13,015	$912,607	$2,693,902	34%
					Physician Rate Parity	
	Total Codes with UCR and Medicare Comparisons		15,272,402	$302,003,168	$517,817,626	58%
	Codes with No Medicare Comparison					
FFS Total	X-ray	43	7,321	$78,178		
	Lab	35	41,178	$2,993,523		
	Surgery	78	2,323	$396,395		
	Medical Services	138	125,251	$11,572,861		
	Vaccines & Immunization Administration	18	740	$6,818		
	Ambulatory Surgical Center	32	1,170	$68,279		
MC-like Children	X-ray	76	16,114	$166,252		
	Lab	30	4,161	$667,960		
	Surgery	46	427	$89,440		
	Medical Services	131	112,225	$7,516,852		
	Vaccines & Immunization Administration	21	103,906	$1,257,667		
	Ambulatory Surgical Center	10	49,891	$323,090		
MC-like Adults	X-ray	25	857	$7,822		
	Lab	26	8,277	$952,956		
	Surgery	34	812	$73,857		
	Medical Services	61	18,269	$929,350		
	Vaccines & Immunization Administration	0	0	$0		
	Ambulatory Surgical Center	20	77	$8,117		
	Subtotal Codes without Medicare Comparison		492,999	$27,109,417		

To Compare with FY15 Rate Study

	Codes with Medicare Comparison	Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % Comparison Group
Child	X-ray		185,129	$3,818,954	$5,227,658	73%
	Anesthesia		2,050,414	$1,818,749	$3,845,030	47%
	Lab		316,648	$5,948,947	$6,280,090	95%
	Dental billed by Physician		81	$27,045	$51,219	53%
	Surgery		50,551	$10,288,319	$16,015,833	64%
	Medical Services		2,168,280	$70,310,013	$143,994,845	49%
	Vaccines & Immunization Administration		66,163	$464,239	$5,000,924	9%
	Ambulatory Surgical Center		2,476	$771,141	$1,122,396	69%
Adult	X-ray		843,817	$24,350,450	$33,175,878	73%
	Anesthesia		6,383,664	$5,417,763	$11,628,382	47%
	Lab		1,111,623	$23,193,036	$25,271,969	92%
	Dental billed by Physician		209	$59,634	$109,934	54%
	Surgery		213,132	$52,127,231	$87,814,520	59%
	Medical Services		1,848,902	$99,421,502	$171,562,520	58%
	Vaccines & Immunization Administration		9,730	$118,855	$237,815	50%
	Ambulatory Surgical Center		8,568	$2,954,684	$3,784,711	78%
	Subtotal Codes with Medicare Comparison		15,259,387	$301,090,561	$515,123,724	58%
	Codes with UCR Comparison					
Child	Dental billed by Physician		10,751	$645,979	$1,836,823	35%
Adult	Dental billed by Physician		2,264	$266,628	$857,079	31%
	Subtotal Codes with UCR Comparison		13,015	$912,607	$2,693,902	34%
					Physician Rate Parity	
	Total Codes with UCR and Medicare Comparisons		15,272,402	$302,003,168	$517,817,626	58%
	Codes with No Medicare Comparison					
Child	X-ray		16,114	$166,252		
	Lab		4,161	$667,960		
	Surgery		427	$89,440		
	Medical Services		112,225	$7,516,852		
	Vaccines & Immunization Administration		103,906	$1,257,667		
	Ambulatory Surgical Center		49,891	$323,090		
Adult	X-ray		8,178	$86,000		
	Lab		49,455	$3,946,479		
	Surgery		3,135	$470,252		
	Medical Services		143,520	$12,502,211		
	Vaccines & Immunization Administration		740	$6,818		
	Ambulatory Surgical Center		1,247	$76,396		
	Subtotal Codes with Medicare Comparison		492,999	$27,109,417		

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	X-ray	1,357	695,379	$19,564,353	$27,461,747	71%
	Anesthesia	605	4,646,998	$3,951,562	$8,463,062	47%
	Lab	914	799,483	$19,229,957	$22,078,445	87%
	Dental billed by Physician	70	195	$53,257	$95,303	56%
	Surgery	3,561	177,453	$37,246,258	$65,119,528	57%
	Medical Services	1,597	1,708,464	$86,786,435	$154,340,147	56%
	Vaccines & Immunization Administration	36	9,215	$102,225	$236,471	43%
	Ambulatory Surgical Center	516	6,318	$2,357,867	$2,826,057	83%
MC-like Children	X-ray	932	195,216	$3,750,970	$5,316,244	71%
	Anesthesia	423	2,107,468	$1,861,171	$3,935,883	47%
	Lab	704	351,621	$6,962,217	$7,550,047	92%
	Dental billed by Physician	33	55	$18,794	$36,572	51%
	Surgery	2,020	48,573	$9,860,811	$15,821,545	62%
	Medical Services	905	2,596,533	$83,507,864	$167,297,020	50%
	Vaccines & Immunization Administration	33	75,490	$541,757	$5,500,786	10%
	Ambulatory Surgical Center	184	3,236	$923,149	$1,267,166	73%
MC-like Adults	X-ray	938	146,154	$4,648,273	$6,974,459	67%
	Anesthesia	407	1,790,387	$1,479,318	$3,227,098	46%
	Lab	730	227,938	$5,791,250	$6,775,071	85%
	Dental billed by Physician	20	27	$7,941	$15,467	51%
	Surgery	1,731	37,738	$13,386,902	$22,668,683	59%
	Medical Services	806	254,713	$12,338,859	$21,806,730	57%
	Vaccines & Immunization Administration	16	3,215	$37,458	$77,390	48%
	Ambulatory Surgical Center	173	840	$331,669	$561,575	59%
	Subtotal Codes with Medicare Comparison		15,882,709	$314,740,317	$549,452,496	57%
	Codes with UCR Comparison					
FFS Total	Dental billed by Physician	43	2,446	$206,906	$723,087	29%
MC-like Children	Dental billed by Physician	42	10,936	$617,999	$1,974,912	31%
MC-like Adults	Dental billed by Physician	29	893	$93,310	$330,694	28%
	Subtotal Codes with UCR Comparison		14,275	$918,215	$3,028,693	30%
					Physician Rate Parity	
	Total Codes with UCR and Medicare Comparisons		15,896,984	$315,658,532	$552,481,189	57%
	Codes with No Medicare Comparison					
FFS Total	X-ray	71	10,131	$115,599		
	Lab	70	53,162	$2,675,657		
	Surgery	104	7,083	$1,629,239		
	Medical Services	233	153,144	$13,169,767		
	Vaccines & Immunization Administration	39	1,120	$8,404		
	Ambulatory Surgical Center	27	870	$65,226		
MC-like Children	X-ray	33	168	$4,339		
	Lab	57	8,497	$403,423		
	Surgery	66	1,117	$290,291		
	Medical Services	203	143,885	$8,315,240		
	Vaccines & Immunization Administration	49	114,703	$1,297,536		
	Ambulatory Surgical Center	9	50,058	$512,501		

MC-like Adults	X-ray	28	1,117	$11,511
	Lab	65	14,547	$1,049,396
	Surgery	48	3,127	$448,038
	Medical Services	89	19,033	$959,479
	Vaccines & Immunization Administration	8	16	$140
	Ambulatory Surgical Center	12	60	$6,199
	Subtotal Codes without Medicare Comparison		581,838	$30,961,985

To Compare with FY17 Rate Study

		Number of Codes	Units of Service	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
	Codes with Medicare Comparison					
FFS Total	X-ray	1,329	701,756	$19,810,228	$26,638,455	74%
	Anesthesia	609	4,622,669	$3,977,611	$8,482,189	47%
	Lab	842	875,934	$18,101,056	$19,596,959	92%
	Dental billed by Physician	52	167	$46,634	$86,684	54%
	Surgery	3,498	174,614	$38,194,978	$65,215,066	59%
	Medical Services	1,374	1,614,614	$87,012,124	$150,416,039	58%
	Vaccines & Immunization Administration	19	7,286	$87,785	$179,959	49%
	Ambulatory Surgical Center	537	7,396	$2,536,429	$3,163,834	80%
MC-like Children	X-ray	870	185,129	$3,818,954	$5,227,658	73%
	Anesthesia	419	2,050,414	$1,818,749	$3,845,030	47%
	Lab	712	316,648	$5,948,947	$6,280,090	95%
	Dental billed by Physician	38	81	$27,045	$51,219	53%
	Surgery	1,994	50,551	$10,288,319	$16,015,833	64%
	Medical Services	866	2,168,280	$70,310,013	$143,994,845	49%
	Vaccines & Immunization Administration	16	66,163	$464,239	$5,000,924	9%
	Ambulatory Surgical Center	202	2,476	$771,141	$1,122,396	69%
MC-like Adults	X-ray	929	142,061	$4,540,222	$6,537,423	69%
	Anesthesia	407	1,760,995	$1,440,152	$3,146,193	46%
	Lab	704	235,689	$5,091,980	$5,675,010	90%
	Dental billed by Physician	25	42	$13,000	$23,250	56%
	Surgery	1,637	38,518	$13,932,253	$22,599,454	62%
	Medical Services	704	234,288	$12,409,378	$21,146,481	59%
	Vaccines & Immunization Administration	4	2,444	$31,070	$57,856	54%
	Ambulatory Surgical Center	315	1,172	$418,255	$620,876	67%
	Subtotal Codes with Medicare Comparison		15,259,387	$301,090,561	$515,123,724	58%
	Codes with UCR Comparison					
FFS Total	Dental billed by Physician	45	1,637	$184,433	$607,484	30%
MC-like Children	Dental billed by Physician	48	10,751	$645,979	$1,836,823	35%
MC-like Adults	Dental billed by Physician	20	627	$82,195	$249,595	33%
	Subtotal Codes with UCR Comparison		13,015	$912,607	$2,693,902	34%
					Physician Rate Parity	
	Total Codes with UCR and Medicare Comparisons		15,272,402	$302,003,168	$517,817,626	58%
	Codes with No Medicare Comparison					
FFS Total	X-ray	43	7,321	$78,178		
	Lab	35	41,178	$2,993,523		
	Surgery	78	2,323	$396,395		
	Medical Services	138	125,251	$11,572,861		
	Vaccines & Immunization Administration	18	740	$6,818		
	Ambulatory Surgical Center	32	1,170	$68,279		
MC-like Children	X-ray	76	16,114	$166,252		
	Lab	30	4,161	$667,960		
	Surgery	46	427	$89,440		
	Medical Services	131	112,225	$7,516,852		
	Vaccines & Immunization Administration	21	103,906	$1,257,667		
	Ambulatory Surgical Center	10	49,891	$323,090		
MC-like Adults	X-ray	25	857	$7,822		
	Lab	26	8,277	$952,956		
	Surgery	34	812	$73,857		
	Medical Services	61	18,269	$929,350		
	Vaccines & Immunization Administration	0	0	$0		
	Ambulatory Surgical Center	20	77	$8,117		
	Subtotal Codes without Medicare Comparison		492,999	$27,109,417		

MoHealthNet

Provider Reimbursement Rate Study
SFY 2017 Rates

Summary

	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with a Medicare or UCR Comparison			
Ambulance	$31,937,060	$51,564,582	62%
Audiology	$257,777	$467,538	55%
Dental	$16,619,926	$47,058,849	35%
DME	$37,084,721	$40,128,481	92%
Optical	$8,521,043	$22,329,828	38%
Physician	$302,003,168	$517,817,626	58%
Rehab Center Therapy	$65,208	$277,523	23%
Subtotal Codes with a Medicare or UCR Comparison	$396,488,903	$679,644,427	58%
Codes with No Comparison			
Ambulance	$12,134		
Audiology	$782,210		
Dental	$498,361		
DME	$20,808,470		
Optical	$470,707		
Physician	$27,109,417		
Rehab Center Therapy	$1,153		
Subtotal Codes without Comparison	$49,682,452		

MoHealthNet

Provider Reimbursement Rate Study
SFY 2018 Rates

Summary

	MHD Cost	Comparison Group Cost	MHD as % of Comparison Group
Codes with a Medicare or UCR Comparison			
Ambulance	$34,824,353	$62,081,966	56%
Audiology	$278,678	$474,967	59%
Dental	$17,005,464	$49,137,909	35%
DME	$40,055,566	$36,759,817	109%
Optical	$8,866,457	$24,059,758	37%
Physician	$315,658,532	$552,481,189	57%
Rehab Center Therapy	$86,393	$365,684	24%
Subtotal Codes with a Medicare or UCR Comparison	$416,775,443	$725,361,290	57%
Codes with No Comparison			
Ambulance	$10,550		
Audiology	$722,361		
Dental	$470,193		
DME	$29,290,232		
Optical	$495,398		
Physician	$30,961,985		
Rehab Center Therapy	$1,811		
Subtotal Codes without Comparison	$61,952,530		

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.

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. The primary care rate increase amounts are not included in the MO HealthNet Rate Parity table.

Nursing Facilities

Physician-directed services are provided in certified Nursing Facility (NF) to individuals whose physical or mental health condition requires services on an inpatient basis. To qualify for NF services, a participant *must* have an assessed point level of at least 24, as set forth in State Regulation 19 CSR 30-81.030, using the assessment procedure as described therein.

There are specific categories of assistance that could qualify to be eligible for NF services. If a participant qualifies for NF services, MO HealthNet *does* cover NF services in these categories of assistance:

- MO HealthNet Blind Programs,
- FFS Only Children's Programs,
- Traditional Medicaid, and
- QMB – Medicare Restrictions apply and some services are not covered by Medicare. MO HealthNet reimburses Medicare cost sharing but participants are not eligible for NF services reimbursed by MO HealthNet if no other category of assistance is identified with the QMB participant.

The other MO HealthNet categories of assistance are not eligible to qualify for NF services reimbursed by MO HealthNet. MO HealthNet *does not* cover NF services in these categories of assistance:

- MO HealthNet for Adults programs,
- MO HealthNet for Pregnant Women programs,
- MO HealthNet for Kids programs,
- CHIP Kids programs,
- MO HealthNet Uninsured Women's programs,
- BCCCP programs,
- TEMPT and PE, and
- Missouri Rx (MoRx) program.

NFs are not required to participate in Medicaid, the MO HealthNet Vendor NF program. In order to participate in the MO HealthNet Vendor Nursing Facility Program (i.e. the Missouri Title XIX Medicaid program), a facility *must* be licensed as a skilled nursing facility (SNF) or an intermediate care facility (ICF), and *must* also be certified as meeting federal requirements for providers of NF services for the Medicaid program. A NF may also choose to execute a provider agreement with the Centers for Medicare & Medicaid Services (CMS) to provide services under Title XVIII (Medicare), if it is licensed as a SNF or ICF and is certified as meeting federal requirements for providers of NF services for the Medicare program. Medicare facilities are *not* required to participate in Medicaid. Medicaid NFs are not required to participate in Medicare. However, many facilities do have provider agreements with both programs.

If a facility has valid participation agreements with both Medicare and MO HealthNet (Medicaid), the MHD may reimburse the NF for the Medicare coinsurance up to the MHD allowable amount for participants' eligible under both programs, if they reside in a Medicare/Medicaid certified bed, and if the stay is eligible for Medicare reimbursement. As permitted by Federal law, states can limit Medicare cost-sharing payments. The MHD reprices NF services for Medicare/Medicaid dual eligible participants and the reimbursement is limited to what MHD reimburses. If Medicare reimbursed the NF less than what MHD would reimburse, MHD will reimburse the difference up to MHD's maximum allowable reimbursement. If Medicare reimbursed the NF more than what MHD would reimburse, MHD does not

make any additional reimbursements. Therefore, MHD may not reimburse the full coinsurance amount but the NFs can claim that amount as a bad debt on their Medicare cost report.

NFs are reimbursed a per diem rate for each MO HealthNet participant residing in the facility. The NFs' total reimbursement is determined by multiplying the per diem rate for the facility by the residents' days of care less any patient surplus. The patient surplus is the amount of money that a NF resident contributes to his or her own care. The patient surplus for each resident is determined by the FSD and is based on the participant's income less specified adjustments, such as insurance premiums, personal needs allowance, etc.

NF per diem rates are based on a prospective reimbursement system and each NF has a distinct reimbursement rate calculated on its rate setting cost report. The rates for the industry are established on a particular cost report year and may be adjusted in subsequent years for global per diem rate adjustments, such as trends, which are granted to the industry as a whole by the General Assembly and approved by the Governor. The base rate will not change or be rebased until the rates are recalculated on another cost report year. NF rates were last rebased in SFY 2005 using 2001 cost report data trended to 2005. This rate has been adjusted for global per diem rate adjustments through SFY 2018.

A cost component style reimbursement system is used to determine the rate. In this method, costs are broken into separate categories, allowing flexibility in targeting reimbursement methodologies to achieve desired results. The reimbursement system was developed to emphasize quality patient care. This system consists of four cost center components, a working capital allowance, and incentives. Expenses are classified according to the type of cost and a ceiling is set for each cost component.

The four cost center components are 'Patient Care,' 'Ancillary,' 'Administration,' and 'Capital.' Ceilings are set to limit the reimbursement allowed for a cost component. The ceilings are set at 120% of the cost component median for 'Patient Care' and 'Ancillary' and 110% of the cost component median for 'Administration.' The 'Capital' cost component is calculated using a Fair Rental Value system. A working capital allowance is calculated based upon the per diems determined from the cost components. A facility may also enhance its rate by qualifying for incentives that target patient care, such as patient care incentive, ancillary incentive, and multiple component incentive.

The per diem rate for each cost component is determined by dividing the allowable Medicaid cost by the patient days, which is the cost per patient day, and is limited to the ceiling. The administration and capital cost components are also subject to an 85% minimum utilization adjustment. The cost per patient day is calculated using the greater of the actual patient days or a calculated minimum level of days.

NFs may also receive special per diem adjustments, if they meet the specific criteria for the adjustment. The Nursing Facility Reimbursement Allowance (NFRA) is also an allowable Medicaid cost. Once the facility's rate is established on its base year cost report, the current NFRA rate is added to the rate to determine the total reimbursement rate.

A Draft AMRP is posted for public comment. The comments received during the comment period related to the NF rate reduction can be found on Appendix A page 210 and will continually be updated to reflect further stakeholder input. Based on those comments, the utilization data and network access report were updated. The utilization data was updated to include a more recent quarter after the rate change

went into effect, includes all NFs that provide nursing facility services and all beds licensed and certified in the NF. The network adequacy data was updated for 2018 and shows the MO HealthNet population that would qualify to be eligible for NF based on their category of assistance.

MO HealthNet Nursing Facility Program Rate History

SFY	Effective Date	Rate Increase / (Decrease)	Percent Increase / (Decrease)	Average Rate
SFY 2019	7/1/18	$0.54 [1]	0.35%	$153.66
SFY 2018	8/1/17	($5.37)	(3.39%)	$153.12
SFY 2017	7/1/16	$2.83	1.82%	$158.49
SFY 2016	1/1/16	$2.09	1.36%	$155.66
	7/1/15	$1.29	0.85%	$153.57
	Average for SFY	*$2.34*	*1.53%*	*$154.62*

1. *Rate Adjustment relating to SFY 2018 Rate Decrease – The SFY 2018 rate reduction was implemented August 1, 2017; therefore, the amount of the rate reduction in SFY 2018 had to be increased to ensure the expenditures matched the funds appropriated for SFY 2018. This amount does not project any rate adjustments that may be included in the SFY 2019 budget.*

The SFY 2018 NF rate decrease is 3.39%. The NF industry has either had a rate increase or no rate change every SFY since SFY 2006. The SFY 2018 rate is comparable to the rate at the beginning of SFY 2016 effective July 1, 2015. There were two increases in SFY 2016 effective July 1, 2015, and January 1, 2016. There was also one increase in SFY 2017 effective July 1, 2016. The SFY 2018 rate reduction removes the last two rate increases, January 1, 2016, and July 1, 2016, which results in the rate being comparable to the rate at the beginning of SFY 2016.

NF Rate Comparison to General Population

In 2016, the average NF Private Pay reimbursement rate was $201.27 per patient per day. The Private Pay reimbursement rate includes patients who pay out of pocket, patients with commercial insurance, long-term care insurance, etc. The average MO HealthNet reimbursement rate for SFY 2016 was $154.62 per patient per day, and for SFY 2017 the average MO HealthNet reimbursement rate was $158.49 per patient per day.

Comparability to Medicare is not appropriate because Medicare only pays for NF care in very limited circumstances and then for only a very limited time in limited amounts.

NF Utilization Data

The MHD performed a utilization review of FFS participants residing in NFs. The source of this data is the **April-June 2017** Certificate of Need (CON) Survey from the DHSS. The utilization data demonstrates the occupancy by county, and each county shows whether it is urban, basic or rural, during the second quarter of 2017 before the rate change took effect, and includes the following information:

- Total Medicaid facilities
- Total available beds (Medicaid and Non-Medicaid)
- Total residents
- Total vacant beds

- Total occupancy rate by percentage
- Total vacant availability by percentage
- Medicaid available beds
- Medicaid residents
- Non-Medicaid residents in Medicaid beds
- Medicaid vacant beds
- Medicaid residents occupancy by percentage
- Non-Medicaid residents occupancy by percentage
- Total residents occupancy by percentage
- The percent of Medicaid residents to total residents
- The percent of Non-Medicaid residents to total residents

There are a total of 535 NFs in the state of Missouri, of which 504 are enrolled with MO HealthNet to provide services to MO HealthNet participants eligible for NF services. This represents a 94% participation rate in MO HealthNet for NFs. There are only 31 facilities not enrolled with MO HealthNet in the State of Missouri.

Medicaid facilities have an occupancy rate of 73.7% for total available beds, and a 73.8% occupancy rate for available Medicaid beds, showing that more than 26% of the beds are vacant and available for use by Medicaid residents. Of all residents in Medicaid beds, 70.5% have Medicaid as the payer. Therefore, Medicaid is a significant funding resource for the NFs. The MHD considers access to NF adequate due to the large number of facilities enrolled in the MO HealthNet program and the total number of vacant Medicaid beds available.

The MHD updated the utilization data to use the **October-December 2017** CON Survey from the DHSS, which was after the rate change took effect. It was also updated to include all the NFs, Medicaid NFs, and the total licensed and certified beds. The April-June 2017 data only included Medicaid NFs. The April-June 2017 data demonstrated what the NFs self-reported as available beds, which are not based on the DHSS report of Certified Facilities showing licensed beds, certified beds, Medicare beds, Medicaid beds, and Dual Certified Medicare/Medicaid beds. According to DHSS, the Medicaid certified beds and Dual Certified Medicare/Medicaid beds represent the beds that are available for use by MO HealthNet residents.

According to the DHSS, the licensed beds represent the beds that are available for use by the general population. The DHSS considers the number of Medicaid certified and dual Medicare/Medicaid certified beds as being the number of beds available for use by a Medicaid resident and does not consider available beds to be different from certified beds. The DHSS considers the number of licensed beds as being the number of beds available for use by the general population and does not consider available beds to be different from licensed beds. If a NF reports a different number of available beds, they may not be including all their licensed and certified beds because the NF may temporarily utilize a room/bed for other purposes. The NF may temporarily use the room for another purpose only if it can be available for resident use within 24 hours. If the room/bed is not available for use within 24 hours, the NF may be required to delicense and decertify the bed. The table includes the total licensed and certified beds and the occupancy in all NFs and Medicaid facilities to demonstrate a more relevant comparison of NF beds for MO HealthNet participants as compared to the general population.

The utilization data demonstrates the occupancy by county, and each county shows whether it is urban, basic or rural, during the fourth quarter of 2017, **October-December 2017,** and includes the following information:

- Total facilities (All NFs and Medicaid Facilities)
- Total licensed and certified available beds (All NFs and Medicaid Facilities)
- Total residents
- Total vacant beds
- Total occupancy rate by percentage
- Total vacancy rate by percentage
- Medicaid beds
- Medicaid residents
- Non-Medicaid residents in Medicaid beds
- Total residents in Medicaid beds
- Medicaid vacant beds
- Medicaid residents occupancy rate by percentage
- Non-Medicaid residents occupancy by percentage
- Total residents occupancy by rate percentage
- Medicaid vacancy rate by percentage
- The percent of Medicaid residents to total residents in Medicaid beds
- The percent of Non-Medicaid residents to total residents in Medicaid beds

As set forth in the 2018 FFS Network Adequacy data, there are a total of 222,474 MO HealthNet participants who could be eligible for MO HealthNet to reimburse for NF services, if the criteria for NF services were met. According to the October-December 2017 CON survey, there are 25,488 MO HealthNet residents receiving NF services. Those current MO HealthNet participants are in the Blind Program and Traditional Medicaid categories of assistance.

There are a total of 536 NFs in the state of Missouri, of which 507 are enrolled with MO HealthNet to provide services to MO HealthNet participants eligible for NF services, which represents a 94% participation rate in MO HealthNet. There are only 29 facilities not enrolled with MO HealthNet to provide nursing care. The MHD considers access to NF adequate due to the large number of facilities enrolled in the MO HealthNet program.

Access Comparison to General Population

The October-December 2017 utilization data demonstrates that 29.68% of the total beds are vacant and available to be occupied by the general population and 29.58% of the total Medicaid beds are vacant and available to be occupied by the MO HealthNet participants. The general population appears to have marginally more access than that of the Medicaid population but the difference is insignificant. It is particularly salient to note that the general population may be admitted into a Medicaid or non-Medicaid bed. The MO HealthNet population cannot be admitted into a non-Medicaid bed and can only be a resident in a Medicaid certified bed or dual Medicare/Medicaid certified bed. The NF utilization data demonstrates that the Medicaid population has equal access to NF services as compared to the general population.

It is common for NFs to enter and leave the Medicaid NF program and for the number of beds to change but there has not been a significant number of NFs withdrawing from the NF program or a significant

decrease in the number of certified beds. The DHSS Certified Facilities data shows that in 2017, there were a total of 50,607 certified Medicaid and Dual Certified Medicare/Medicaid beds. In 2018, there were a total of 50,913 certified Medicaid and Dual Certified Medicare/Medicaid beds. There has been an increase of 306 beds, in 2018, which was after the rate change. There has been an overall increase in certified beds in which Medicaid participants would have access. The MHD will continue to analyze the licensed and certified data to demonstrate changes in Medicaid Certified beds and Dual Certified Medicare/Medicaid beds.

The MHD does not believe it is likely that the NFs will reduce the number of Medicaid participants they accept, or withdraw from the Medicaid program, due to the large percentage of reimbursement from Medicaid. Of all residents in Medicaid beds, 71.15% have Medicaid as the payer. Therefore, Medicaid is a significant funding resource for the NFs.

The MHD does not anticipate any negative impact on access, due to the rate reduction, but will continue to monitor the program. Historical data is comparable to the current data presented above showing that the MHD has had a strong NF program for many years. Access to NF care is adequate based on the number of available Medicaid NFs and Medicaid beds. NFs were also operating at the lower Medicaid reimbursement rate less than 2 years ago, and with the Medicaid program being a major contributor to the facilities' resources, MO HealthNet does not expect NFs closing or withdrawing from the Medicaid program.

Utilization for Nursing Facilities MO HealthNet (Medicaid) Enrolled Facilities April-June 2017

County	Basic, Urban, or Rural	TOTAL MEDICAID Facilities	TOTAL Available Beds (Medicaid & Non-Medicaid)	TOTAL Patients	TOTAL Vacant Beds	TOTAL Occupancy %	TOTAL Vacant Availability %	MEDICAID Available Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy %	Non-MEDICAID Residents - Occupancy %	Total Residents - Occupancy %	MEDICAID Vacant Beds - Availability %	% of Medicaid Residents to Total Residents	% of Non-Medicaid Residents to Total Residents
Adair	R	2	284	167	117	58.89%	41.11%	271	89	79	167	104	32.69%	29.03%	61.72%	38.28%	52.97%	47.03%
Andrew	R	2	203	147	56	72.19%	27.81%	203	101	45	147	56	49.92%	22.27%	72.19%	27.81%	69.15%	30.85%
Atchison	R	2	99	70	29	70.76%	29.24%	99	39	31	70	29	39.85%	30.91%	70.76%	29.24%	56.31%	43.69%
Audrain	R	2	214	149	65	69.46%	30.54%	214	81	68	149	65	37.73%	31.73%	69.46%	30.54%	54.32%	45.68%
Barry	R	4	322	231	91	71.75%	28.25%	322	141	90	231	91	43.90%	27.85%	71.75%	28.25%	61.19%	38.81%
Barton	R	1	109	83	26	76.19%	23.81%	95	60	24	83	12	62.67%	24.74%	87.41%	12.59%	71.70%	28.30%
Bates	R	3	268	167	101	62.22%	37.78%	266	103	64	167	99	38.60%	24.09%	62.69%	37.31%	61.57%	38.43%
Benton	R	3	225	184	41	81.69%	18.31%	225	114	70	184	41	50.63%	31.06%	81.69%	18.31%	61.98%	38.02%
Bollinger	R	1	98	86	12	87.36%	12.64%	98	65	21	86	12	66.17%	21.19%	87.36%	12.64%	75.74%	24.26%
Boone	B	9	853	677	176	79.41%	20.59%	633	303	209	513	120	47.92%	33.08%	81.00%	19.00%	59.16%	40.84%
Buchanan	B	7	751	545	206	72.55%	27.45%	707	345	168	513	194	48.76%	23.78%	72.54%	27.46%	67.22%	32.78%
Butler	R	5	506	374	132	73.91%	26.09%	506	266	108	374	132	52.62%	21.29%	73.91%	26.09%	71.20%	28.80%
Caldwell	R	2	167	85	82	50.65%	49.35%	167	44	41	85	82	26.21%	24.44%	50.65%	49.35%	51.75%	48.25%
Callaway	R	4	248	174	74	70.28%	29.72%	248	123	52	174	74	49.43%	20.81%	70.24%	29.76%	70.37%	29.63%
Camden	R	3	230	166	64	71.97%	28.03%	230	100	65	166	64	43.55%	28.43%	71.97%	28.03%	60.50%	39.50%
Cape Girardeau	B	8	843	635	208	75.31%	24.69%	843	306	329	635	208	36.27%	39.04%	75.31%	24.69%	48.17%	51.83%
Carroll	R	2	152	104	48	68.20%	31.80%	143	51	53	104	39	35.60%	36.90%	72.50%	27.50%	49.10%	50.90%
Carter	R	1	60	35	25	58.72%	41.28%	60	25	11	35	25	41.12%	17.60%	58.72%	41.28%	70.02%	29.98%
Cass *	B	8	851	696	155	81.78%	18.22%	839	434	257	691	148	51.78%	30.58%	82.35%	17.65%	62.87%	37.13%
Cedar	R	2	179	131	48	73.09%	26.91%	179	79	52	131	48	43.91%	29.19%	73.09%	26.91%	60.07%	39.93%
Chariton	R	3	272	204	68	74.93%	25.07%	272	156	47	204	68	57.50%	17.43%	74.93%	25.07%	76.74%	23.26%
Christian	B	3	266	213	53	80.03%	19.97%	266	131	82	213	53	49.20%	30.82%	80.03%	19.97%	61.48%	38.52%
Clark	R	1	99	63	36	63.97%	36.03%	99	28	35	63	36	28.46%	35.51%	63.97%	36.03%	44.49%	55.51%
Clay	B	10	1,151	813	338	70.60%	29.40%	1,144	456	351	807	337	39.86%	30.70%	70.56%	29.44%	56.49%	43.51%
Clinton	R	4	332	246	86	74.06%	25.94%	332	149	97	246	86	44.77%	29.29%	74.06%	25.94%	60.45%	39.55%
Cole	B	6	599	385	214	64.25%	35.75%	566	241	116	356	210	42.52%	20.44%	62.97%	37.03%	67.54%	32.46%
Cooper	R	4	234	186	48	79.45%	20.55%	216	120	57	177	39	55.41%	26.57%	81.98%	18.02%	67.59%	32.41%
Crawford	R	2	150	142	8	94.89%	5.11%	150	107	35	142	8	71.37%	23.52%	94.89%	5.11%	75.22%	24.78%
Dade	R	2	183	99	84	54.01%	45.99%	183	45	54	99	84	24.50%	29.51%	54.01%	45.99%	45.36%	54.64%
Dallas	R	2	194	145	49	74.90%	25.10%	194	94	51	145	49	48.60%	26.31%	74.90%	25.10%	64.88%	35.12%
Daviess	R	1	63	43	20	67.63%	32.37%	63	20	22	43	20	32.29%	35.34%	67.63%	32.37%	47.74%	52.26%
DeKalb	R	2	111	94	18	83.99%	16.01%	111	76	17	94	18	68.38%	15.61%	83.99%	16.01%	81.41%	18.59%
Dent	R	3	168	103	65	61.34%	38.66%	168	76	27	103	65	45.45%	15.89%	61.34%	38.66%	74.10%	25.90%
Douglas	R	1	104	93	11	89.00%	11.00%	104	68	25	93	11	65.22%	23.78%	89.00%	11.00%	73.28%	26.72%
Dunklin	R	7	622	409	213	65.79%	34.21%	622	304	105	409	213	48.95%	16.84%	65.79%	34.21%	74.40%	25.60%
Franklin	B	8	844	614	230	72.69%	27.31%	844	377	237	614	230	44.64%	28.05%	72.69%	27.31%	61.41%	38.59%
Gasconade	R	3	307	229	78	74.47%	25.53%	307	128	101	229	78	41.72%	32.76%	74.47%	25.53%	56.02%	43.98%
Gentry	R	2	121	86	35	70.67%	29.33%	121	49	37	86	35	40.30%	30.37%	70.67%	29.33%	57.02%	42.98%
Greene	U	19	2,189	1,779	411	81.25%	18.75%	2,041	1,129	546	1,676	366	55.33%	26.76%	82.09%	17.91%	67.40%	32.60%
Grundy	R	2	244	203	41	83.39%	16.61%	244	139	65	203	41	56.76%	26.63%	83.39%	16.61%	68.07%	31.93%
Harrison	R	2	148	104	44	70.12%	29.88%	148	63	40	104	44	42.84%	27.28%	70.12%	29.88%	61.10%	38.90%
Henry	R	3	293	172	121	58.79%	41.21%	293	113	59	172	121	38.66%	20.13%	58.79%	41.21%	65.75%	34.25%
Hickory	R	1	120	88	32	73.70%	26.30%	120	57	31	88	32	47.65%	26.05%	73.70%	26.30%	64.65%	35.35%

County	Basic, Urban, or Rural	TOTAL MEDICAID Facilities	TOTAL Available Beds (Medicaid & Non-Medicaid)	TOTAL Patients	TOTAL Vacant Beds	TOTAL Occupancy %	TOTAL Vacant Availability %	MEDICAID Available Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy %	Non-MEDICAID Residents - Occupancy %	Total Residents - Occupancy %	MEDICAID Vacant Beds - Availability %	% of Medicaid Residents to Total Residents	% of Non-Medicaid Residents to Total Residents
Holt	R	2	118	83	35	70.71%	29.29%	118	43	41	83	35	36.22%	34.49%	70.71%	29.29%	51.22%	48.78%
Howard	R	2	119	80	39	67.18%	32.82%	119	52	28	80	39	43.70%	23.48%	67.18%	32.82%	65.04%	34.96%
Howell	R	5	564	459	105	81.44%	18.56%	562	328	131	459	103	58.44%	23.29%	81.73%	18.27%	71.51%	28.49%
Iron	R	2	169	164	5	96.76%	3.24%	169	149	15	164	5	88.07%	8.69%	96.76%	3.24%	91.02%	8.98%
Jackson	U	42	5,335	3,940	1,396	73.84%	26.16%	4,978	2,908	787	3,696	1,282	58.43%	15.82%	74.25%	25.75%	78.69%	21.31%
Jasper	B	7	694	577	117	83.11%	16.89%	653	340	218	557	96	52.00%	33.34%	85.34%	14.66%	60.93%	39.07%
Jefferson	B	11	1,413	1,148	266	81.21%	18.79%	1,305	852	209	1,061	245	65.24%	16.02%	81.26%	18.74%	80.29%	19.71%
Johnson	R	5	409	246	163	60.12%	39.88%	409	159	87	246	163	38.89%	21.22%	60.11%	39.89%	64.70%	35.30%
Knox	R	1	40	31	9	78.74%	21.26%	40	12	19	31	9	30.66%	48.08%	78.74%	21.26%	38.94%	61.06%
Laclede	R	2	296	199	97	67.16%	32.84%	296	129	69	199	97	43.69%	23.47%	67.16%	32.84%	65.05%	34.95%
Lafayette	R	5	384	267	117	69.61%	30.39%	357	161	96	257	100	45.10%	26.87%	71.97%	28.03%	62.67%	37.33%
Lawrence	R	4	349	219	130	62.86%	37.14%	349	132	87	219	130	37.86%	25.00%	62.86%	37.14%	60.23%	39.77%
Lewis	R	3	266	144	122	54.11%	45.89%	264	95	46	140	124	35.83%	17.25%	53.07%	46.93%	67.51%	32.49%
Lincoln	R	4	332	304	28	91.61%	8.39%	332	224	80	304	28	67.55%	24.04%	91.59%	8.41%	73.75%	26.25%
Linn	R	2	180	141	39	78.13%	21.87%	180	88	53	141	39	48.73%	29.40%	78.13%	21.87%	62.37%	37.63%
Livingston	R	4	262	184	78	70.07%	29.93%	262	121	63	184	78	46.19%	23.88%	70.07%	29.93%	65.92%	34.08%
Macon	R	3	324	231	94	71.16%	28.84%	301	94	121	215	86	31.05%	40.25%	71.30%	28.70%	43.55%	56.45%
Madison	R	2	172	150	22	87.35%	12.65%	172	124	26	150	22	72.31%	15.04%	87.35%	12.65%	82.78%	17.22%
Maries	R	1	98	74	24	75.51%	24.49%	98	56	18	74	24	56.83%	18.68%	75.51%	24.49%	75.26%	24.74%
Marion	R	6	625	489	136	78.22%	21.78%	623	336	152	489	134	53.99%	24.44%	78.43%	21.57%	68.84%	31.16%
McDonald	R	1	96	79	17	82.22%	17.78%	96	59	20	79	17	61.02%	21.20%	82.22%	17.78%	74.22%	25.78%
Mercer	R	1	60	42	18	69.25%	30.75%	60	24	17	42	18	40.77%	28.48%	69.25%	30.75%	58.87%	41.13%
Miller	R	4	302	266	36	88.02%	11.98%	302	184	82	266	36	61.01%	27.01%	88.02%	11.98%	69.31%	30.69%
Mississippi	R	3	246	138	107	56.30%	43.70%	246	99	39	138	107	40.45%	15.86%	56.30%	43.70%	71.84%	28.16%
Moniteau	R	3	186	133	53	71.68%	28.32%	186	70	63	133	53	37.60%	34.08%	71.68%	28.32%	52.46%	47.54%
Monroe	R	1	117	85	32	72.30%	27.70%	115	45	40	85	30	38.98%	34.58%	73.56%	26.44%	52.99%	47.01%
Montgomery	R	3	289	228	61	78.84%	21.16%	289	140	88	228	61	48.45%	30.39%	78.84%	21.16%	61.45%	38.55%
Morgan	R	3	291	214	77	73.46%	26.54%	288	113	101	214	74	39.19%	35.03%	74.22%	25.78%	52.81%	47.19%
New Madrid *	R	5	389	285	104	73.21%	26.79%	389	234	51	285	104	60.13%	13.08%	73.21%	26.79%	82.13%	17.87%
Newton	B	5	492	372	120	75.70%	24.30%	492	239	133	372	120	48.61%	27.09%	75.70%	24.30%	64.22%	35.78%
Nodaway	R	4	283	178	105	62.94%	37.06%	283	87	91	178	105	30.77%	32.17%	62.94%	37.06%	48.88%	51.12%
Oregon	R	1	120	67	53	55.90%	44.10%	120	47	20	67	53	39.24%	16.66%	55.90%	44.10%	70.20%	29.80%
Osage	R	2	196	103	93	52.39%	47.61%	196	62	41	103	93	31.55%	20.85%	52.39%	47.61%	60.21%	39.79%
Ozark	R	1	99	52	47	52.94%	47.06%	99	31	21	52	47	31.76%	21.18%	52.94%	47.06%	59.99%	40.01%
Pemiscot	R	3	228	118	110	51.91%	48.09%	228	96	22	118	110	42.16%	9.75%	51.91%	48.09%	81.22%	18.78%
Perry	R	2	281	188	93	67.03%	32.97%	281	115	73	188	93	40.99%	26.04%	67.03%	32.97%	61.15%	38.85%
Pettis	R	5	568	520	48	91.56%	8.44%	568	401	118	519	49	70.56%	20.84%	91.40%	8.60%	77.20%	22.80%
Phelps	R	5	446	314	132	70.39%	29.61%	446	196	118	314	132	43.85%	26.54%	70.39%	29.61%	62.29%	37.71%
Pike	R	3	204	128	76	62.64%	37.36%	204	86	42	128	76	41.96%	20.68%	62.64%	37.36%	66.98%	33.02%
Platte	B	3	456	292	164	64.00%	36.00%	456	187	105	292	164	40.98%	23.03%	64.00%	36.00%	64.02%	35.98%
Polk	R	4	369	314	55	85.08%	14.92%	369	203	111	314	55	55.12%	29.96%	85.08%	14.92%	64.79%	35.21%
Pulaski	R	4	272	195	77	71.65%	28.35%	272	134	61	195	77	49.17%	22.48%	71.65%	28.35%	68.62%	31.38%
Putnam	R	1	60	50	10	83.61%	16.39%	60	30	20	50	10	49.93%	33.68%	83.61%	16.39%	59.72%	40.28%

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Ralls	R	1	60	54	6	89.93%	10.07%	60	48	6	54	6	80.22%	9.71%	89.93%	10.07%	89.21%	10.79%
Randolph	R	3	374	291	83	77.88%	22.12%	374	231	60	291	83	61.71%	16.16%	77.88%	22.12%	79.25%	20.75%
Ray	R	2	239	210	29	87.87%	12.13%	239	141	69	210	29	58.98%	28.89%	87.87%	12.13%	67.12%	32.88%
Reynolds	R	1	60	30	30	50.17%	49.83%	60	25	5	30	30	42.11%	8.06%	50.17%	49.83%	83.94%	16.06%
Ripley	R	1	120	56	64	46.79%	53.21%	120	48	8	56	64	40.09%	6.70%	46.79%	53.21%	85.68%	14.32%
Saline	R	3	303	159	144	52.33%	47.67%	294	99	52	151	143	33.51%	17.81%	51.31%	48.69%	65.30%	34.70%
Schuyler	R	1	60	45	15	74.23%	25.77%	60	27	17	45	15	45.49%	28.74%	74.23%	25.77%	61.29%	38.71%
Scotland	R	1	96	40	56	41.48%	58.52%	96	21	19	40	56	21.67%	19.81%	41.48%	58.52%	52.24%	47.76%
Scott	R	5	479	303	176	63.22%	36.78%	471	203	100	303	168	43.06%	21.24%	64.30%	35.70%	66.96%	33.04%
Shannon	R	1	90	45	45	50.16%	49.84%	90	37	8	45	45	41.26%	8.90%	50.16%	49.84%	82.25%	17.75%
Shelby	R	2	180	106	74	58.94%	41.06%	180	43	63	106	74	23.97%	34.96%	58.94%	41.06%	40.68%	59.32%
St. Charles	U	12	1,574	1,209	365	76.82%	23.18%	1,082	607	196	804	278	56.14%	18.13%	74.28%	25.72%	75.59%	24.41%
St. Clair	R	2	178	73	105	40.78%	59.22%	178	33	40	73	105	18.48%	22.29%	40.78%	59.22%	45.33%	54.67%
St. Francois	B	8	792	612	180	77.23%	22.77%	792	428	184	612	180	53.98%	23.24%	77.23%	22.77%	69.90%	30.10%
St. Louis County	U	67	9,637	7,287	2,351	75.61%	24.39%	7,344	4,445	1,153	5,598	1,746	60.53%	15.70%	76.23%	23.77%	79.41%	20.59%
St. Louis City	U	17	2,316	1,740	576	75.15%	24.85%	2,272	1,497	211	1,707	565	65.87%	9.27%	75.14%	24.86%	87.66%	12.34%
Ste. Genevieve	R	2	192	145	46	75.77%	24.23%	192	84	61	145	46	43.90%	31.87%	75.77%	24.23%	57.94%	42.06%
Stoddard	R	6	387	252	134	65.29%	34.71%	372	178	74	252	120	47.87%	19.92%	67.80%	32.20%	70.61%	29.39%
Stone	R	2	198	157	41	79.30%	20.70%	198	119	39	157	41	59.85%	19.45%	79.30%	20.70%	75.48%	24.52%
Sullivan	R	1	98	92	6	94.28%	5.72%	98	88	5	92	6	89.54%	4.74%	94.28%	5.72%	94.97%	5.03%
Taney	R	3	345	281	64	81.39%	18.61%	345	190	91	281	64	54.98%	26.41%	81.39%	18.61%	67.56%	32.44%
Texas	R	3	255	157	98	61.76%	38.24%	255	99	59	157	98	38.75%	23.01%	61.76%	38.24%	62.74%	37.26%
Vernon	R	4	316	212	104	67.10%	32.90%	316	130	82	212	104	41.10%	26.00%	67.10%	32.90%	61.25%	38.75%
Warren	R	1	120	81	39	67.86%	32.14%	120	50	32	81	39	41.46%	26.40%	67.86%	32.14%	61.09%	38.91%
Washington	R	2	210	129	81	61.26%	38.74%	210	96	32	129	81	45.79%	15.46%	61.26%	38.74%	74.76%	25.24%
Wayne	R	2	135	100	35	74.07%	25.93%	135	75	25	100	35	55.40%	18.67%	74.07%	25.93%	74.79%	25.21%
Webster	R	3	245	166	79	67.74%	32.26%	245	110	56	166	79	45.01%	22.74%	67.74%	32.26%	66.44%	33.56%
Worth	R	1	50	21	29	42.73%	57.27%	50	15	6	21	29	29.76%	12.97%	42.73%	57.27%	69.65%	30.35%
Wright	R	3	239	140	99	58.78%	41.22%	239	102	39	140	99	42.64%	16.14%	58.78%	41.22%	72.54%	27.46%
TOTAL		**502**	**53,023**	**39,099**	**13,924**	**73.74%**	**26.26%**	**49,075**	**25,547**	**10,688**	**36,235**	**12,839**	**52.06%**	**21.78%**	**73.84%**	**26.16%**	**70.50%**	**29.50%**

County Type		TOTAL MEDICAID Facilities	TOTAL Available Beds (Medicaid & Non-Medicaid)	TOTAL Patients	TOTAL Vacant Beds	TOTAL Occupancy %	TOTAL Vacant Availability %	MEDICAID Available Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy %	Non-MEDICAID Residents - Occupancy %	Total Residents - Occupancy %	MEDICAID Vacant Beds - Availability %	% of Medicaid Residents to Total Residents	% of Non-Medicaid Residents to Total Residents
BASIC		93	10,005	7,577	2,428	75.73%	24.27%	9,540	4,637	2,598	7,235	2,305	48.61%	27.23%	75.84%	24.16%	64.09%	35.91%
URBAN		157	21,052	15,954	5,097	75.79%	24.21%	17,717	10,587	2,893	13,481	4,236	59.76%	16.33%	76.09%	23.91%	78.54%	21.46%
RURAL		252	21,966	15,568	6,399	70.87%	29.13%	21,818	10,323	5,197	15,520	6,298	47.31%	23.82%	71.13%	28.87%	66.51%	33.49%
TOTAL		502	53,023	39,099	13,924	73.74%	26.26%	49,075	25,547	10,688	36,235	12,839	52.06%	21.78%	73.84%	26.16%	70.50%	29.50%

NOTE: This utilization information does not include any data from two (2) recently enrolled Medicaid facilities.

Utilization for All Missouri NF Providing Nursing Facility Services October-December 2017

County	Basic, Urban, or Rural	ALL Facilities Providing Nursing Facility Services						MEDICAID Facilities						MEDICAID Facilities											
		No. of NFs	TOTAL Licensed Beds	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy %	TOTAL Licensed Bed Vacancy %	No. of NFs	TOTAL Licensed Beds in MEDICAID Facilities	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy % in MEDICAID Facilities	TOTAL Licensed Bed Vacancy % in MEDICAID Facilities	No. of NFs	MEDICAID Certified Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy % of Certified Beds	Non-MEDICAID Residents - Occupancy % of Certified Beds	Total Residents - Occupancy % of Certified Beds	MEDICAID Certified Vacant Beds - Availability %	% of Medicaid Residents to Total Residents in Certified Beds	% of Non-Medicaid Residents to Total Residents in Certified Beds
Adair	R	2	284	155	129	54.68%	45.32%	2	284	155	129	54.68%	45.32%	2	271	88	63	150	121	32.31%	23.19%	55.50%	44.50%	58.22%	41.78%
Andrew	R	2	208	141	67	67.93%	32.07%	2	208	141	67	67.93%	32.07%	2	208	103	38	141	67	49.44%	18.50%	67.93%	32.07%	72.77%	27.23%
Atchison	R	2	155	71	84	45.55%	54.45%	2	155	71	84	45.55%	54.45%	2	155	41	30	71	84	26.39%	19.17%	45.55%	54.45%	57.93%	42.07%
Audrain	R	3	247	176	71	71.44%	28.56%	2	214	143	71	67.04%	32.96%	2	214	73	70	143	71	34.21%	32.83%	67.04%	32.96%	51.03%	48.97%
Barry	R	4	349	215	134	61.74%	38.26%	4	349	215	134	61.74%	38.26%	4	341	131	85	215	126	38.30%	24.89%	63.18%	36.82%	60.61%	39.39%
Barton	R	1	123	96	27	78.21%	21.79%	1	123	96	27	78.21%	21.79%	1	109	71	26	96	13	64.82%	23.43%	88.25%	11.75%	73.45%	26.55%
Bates	R	3	268	162	106	60.57%	39.43%	3	268	162	106	60.57%	39.43%	3	266	105	58	162	104	39.39%	21.63%	61.02%	38.98%	64.56%	35.44%
Benton	R	3	228	188	40	82.39%	17.61%	3	228	188	40	82.39%	17.61%	3	228	112	76	188	40	49.01%	33.38%	82.39%	17.61%	59.48%	40.52%
Bollinger	R	1	98	77	21	78.83%	21.17%	1	98	77	21	78.83%	21.17%	1	98	62	15	77	21	63.58%	15.25%	78.83%	21.17%	80.65%	19.35%
Boone	B	11	1,002	737	265	73.56%	26.44%	9	863	659	204	76.37%	23.63%	9	643	311	200	511	132	48.30%	31.14%	79.44%	20.56%	60.80%	39.20%
Buchanan	B	7	785	546	239	69.61%	30.39%	7	785	546	239	69.61%	30.39%	7	737	340	175	515	222	46.12%	23.69%	69.81%	30.19%	66.06%	33.94%
Butler	R	5	520	367	153	70.61%	29.39%	5	520	367	153	70.61%	29.39%	5	520	252	116	367	153	48.37%	22.24%	70.61%	29.39%	68.50%	31.50%
Caldwell	R	2	173	88	85	51.09%	48.91%	2	173	88	85	51.09%	48.91%	2	173	54	34	88	85	31.50%	19.59%	51.09%	48.91%	61.65%	38.35%
Callaway	R	4	248	171	77	69.03%	30.97%	4	248	171	77	69.03%	30.97%	4	248	115	56	171	77	46.51%	22.48%	68.99%	31.01%	67.42%	32.58%
Camden	R	4	252	166	86	65.90%	34.10%	3	236	164	72	69.54%	30.46%	3	236	104	61	164	72	43.89%	25.64%	69.54%	30.46%	63.12%	36.88%
Cape Girardeau	B	8	845	630	215	74.51%	25.49%	8	845	630	215	74.51%	25.49%	8	845	333	297	630	215	39.41%	35.10%	74.51%	25.49%	52.89%	47.11%
Carroll	R	2	183	99	84	54.15%	45.85%	2	183	99	84	54.15%	45.85%	2	174	48	51	99	75	27.60%	29.35%	56.95%	43.05%	48.47%	51.53%
Carter	R	1	60	32	28	53.89%	46.11%	1	60	32	28	53.89%	46.11%	1	60	25	7	32	28	42.48%	11.41%	53.89%	46.11%	78.82%	21.18%
Cass	B	9	956	686	270	71.78%	28.22%	9	956	686	270	71.78%	28.22%	9	944	421	260	680	264	44.55%	27.53%	72.08%	27.92%	61.80%	38.20%
Cedar	R	2	195	122	73	62.69%	37.31%	2	195	122	73	62.69%	37.31%	2	195	78	44	122	73	40.14%	22.55%	62.69%	37.31%	64.03%	35.97%
Chariton	R	3	276	197	79	71.22%	28.78%	3	276	197	79	71.22%	28.78%	3	276	147	50	197	79	53.28%	17.94%	71.22%	28.78%	74.81%	25.19%
Christian	B	4	325	245	80	75.33%	24.67%	3	292	215	77	73.79%	26.21%	3	292	134	81	215	77	45.92%	27.87%	73.79%	26.21%	62.23%	37.77%
Clark	R	1	103	62	41	59.76%	40.24%	1	103	62	41	59.76%	40.24%	1	99	27	35	62	37	27.27%	34.90%	62.18%	37.82%	43.86%	56.14%
Clay	B	10	1,162	794	368	68.35%	31.65%	10	1,162	794	368	68.35%	31.65%	10	1,155	472	318	790	365	40.89%	27.51%	68.40%	31.60%	59.79%	40.21%
Clinton	R	4	332	259	73	78.11%	21.89%	4	332	259	73	78.11%	21.89%	4	332	157	102	259	73	47.41%	30.70%	78.11%	21.89%	60.69%	39.31%
Cole	B	8	720	448	272	62.22%	37.78%	6	609	382	227	62.79%	37.21%	6	569	244	106	350	219	42.87%	18.67%	61.54%	38.46%	69.66%	30.34%
Cooper	R	5	275	194	81	70.61%	29.39%	4	251	182	69	72.34%	27.66%	4	231	122	57	179	52	52.69%	24.79%	77.48%	22.52%	68.01%	31.99%
Crawford *	R	2	150	133	17	88.88%	11.12%	2	150	133	17	88.88%	11.12%	2	150	98	35	133	17	65.30%	23.57%	88.88%	11.12%	73.48%	26.52%
Dade	R	2	183	99	84	54.32%	45.68%	2	183	99	84	54.32%	45.68%	2	183	52	48	99	84	28.24%	26.09%	54.32%	45.68%	51.98%	48.02%
Dallas	R	2	194	143	51	73.66%	26.34%	2	194	143	51	73.66%	26.34%	2	194	90	53	143	51	46.27%	27.39%	73.66%	26.34%	62.81%	37.19%
Daviess	R	1	97	44	53	45.85%	54.15%	1	97	44	53	45.85%	54.15%	1	97	24	21	44	53	24.31%	21.55%	45.85%	54.15%	53.01%	46.99%
DeKalb	R	2	144	95	49	65.68%	34.32%	2	144	95	49	65.68%	34.32%	2	144	70	24	95	49	48.69%	16.98%	65.68%	34.32%	74.14%	25.86%
Dent	R	3	168	104	64	62.03%	37.97%	3	168	104	64	62.03%	37.97%	3	168	82	22	104	64	48.84%	13.20%	62.03%	37.97%	78.72%	21.28%
Douglas	R	1	120	92	28	76.66%	23.34%	1	120	92	28	76.66%	23.34%	1	120	67	25	92	28	55.63%	21.02%	76.66%	23.34%	72.57%	27.43%
Dunklin	R	7	648	419	229	64.73%	35.27%	7	648	419	229	64.73%	35.27%	7	648	310	109	419	229	47.85%	16.87%	64.73%	35.27%	73.93%	26.07%
Franklin	B	8	868	601	267	69.27%	30.73%	8	868	601	267	69.27%	30.73%	8	866	352	249	601	265	40.67%	28.76%	69.43%	30.57%	58.58%	41.42%
Gasconade	R	3	328	223	105	67.90%	32.10%	3	328	223	105	67.90%	32.10%	3	328	128	95	223	105	38.92%	28.98%	67.90%	32.10%	57.32%	42.68%
Gentry	R	2	130	88	42	67.79%	32.21%	2	130	88	42	67.79%	32.21%	2	130	52	36	88	42	39.76%	28.04%	67.79%	32.21%	58.65%	41.35%
Greene *	U	21	2,412	1,869	543	77.47%	22.53%	19	2,284	1,760	524	77.07%	22.93%	19	2,136	1,167	495	1,661	475	54.61%	23.17%	77.79%	22.21%	70.21%	29.79%
Grundy	R	2	244	189	55	77.44%	22.56%	2	244	189	55	77.44%	22.56%	2	244	132	57	189	55	54.24%	23.20%	77.44%	22.56%	70.04%	29.96%
Harrison	R	2	152	93	59	61.31%	38.69%	2	152	93	59	61.31%	38.69%	2	152	58	36	93	59	37.92%	23.38%	61.31%	38.69%	61.86%	38.14%
Henry	R	3	300	154	146	51.41%	48.59%	3	300	154	146	51.41%	48.59%	3	300	112	43	154	146	37.22%	14.18%	51.41%	48.59%	72.41%	27.59%
Hickory	R	1	120	83	37	68.99%	31.01%	1	120	83	37	68.99%	31.01%	1	120	53	30	83	37	44.18%	24.81%	68.99%	31.01%	64.04%	35.96%

County	Basic, Urban, or Rural	ALL Facilities Providing Nursing Facility Services						MEDICAID Facilities						MEDICAID Facilities											
		No. of NFs	TOTAL Licensed Beds	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy %	TOTAL Licensed Bed Vacancy %	No. of NFs	TOTAL Licensed Beds in MEDICAID Facilities	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy % in MEDICAID Facilities	TOTAL Licensed Bed Vacancy % in MEDICAID Facilities	No. of NFs	MEDICAID Certified Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy % of Certified Beds	Non-MEDICAID Residents - Occupancy % of Certified Beds	Total Residents - Occupancy % of Certified Beds	MEDICAID Certified Vacant Beds - Availability %	% of Medicaid Residents to Total Residents in Certified Beds	% of Non-Medicaid Residents to Total Residents in Certified Beds
Holt	R	2	120	83	37	69.47%	30.53%	2	120	83	37	69.47%	30.53%	2	120	39	45	83	37	32.32%	37.15%	69.47%	30.53%	46.52%	53.48%
Howard	R	2	119	73	46	61.44%	38.56%	2	119	73	46	61.44%	38.56%	2	119	51	23	73	46	42.44%	19.00%	61.44%	38.56%	69.08%	30.92%
Howell	R	5	570	478	92	83.78%	16.22%	5	570	478	92	83.78%	16.22%	5	568	336	142	478	90	59.16%	24.92%	84.08%	15.92%	70.36%	29.64%
Iron	R	3	238	200	38	84.23%	15.77%	2	182	163	19	89.55%	10.45%	2	169	150	13	163	6	88.71%	7.74%	96.44%	3.56%	91.98%	8.02%
Jackson * ^	U	44	5,604	4,065	1,539	72.53%	27.47%	42	5,441	3,930	1,511	72.22%	27.78%	42	5,062	2,924	777	3,700	1,362	57.76%	15.34%	73.10%	26.90%	79.01%	20.99%
Jasper	B	7	707	578	129	81.73%	18.27%	7	707	578	129	81.73%	18.27%	7	666	335	215	551	115	50.36%	32.31%	82.66%	17.34%	60.92%	39.08%
Jefferson	B	11	1,438	1,149	289	79.87%	20.13%	11	1,438	1,149	289	79.87%	20.13%	11	1,330	842	219	1,061	269	63.32%	16.44%	79.76%	20.24%	79.39%	20.61%
Johnson	R	5	424	241	183	56.78%	43.22%	5	424	241	183	56.78%	43.22%	5	424	157	84	241	183	36.95%	19.83%	56.78%	43.22%	65.08%	34.92%
Knox	R	1	60	35	25	58.42%	41.58%	1	60	35	25	58.42%	41.58%	1	60	12	23	35	25	19.66%	38.77%	58.42%	41.58%	33.64%	66.36%
Laclede	R	2	296	186	110	62.69%	37.31%	2	296	186	110	62.69%	37.31%	2	296	128	57	186	110	43.29%	19.41%	62.69%	37.31%	69.04%	30.96%
Lafayette	R	6	485	274	211	56.54%	43.46%	5	449	270	179	60.04%	39.96%	5	422	153	95	248	174	36.28%	22.53%	58.81%	41.19%	61.69%	38.31%
Lawrence	R	4	353	199	154	56.35%	43.65%	4	353	199	154	56.35%	43.65%	4	353	120	79	199	154	34.03%	22.32%	56.35%	43.65%	60.38%	39.62%
Lewis	R	3	274	147	127	53.72%	46.28%	3	274	147	127	53.72%	46.28%	3	272	95	49	144	128	34.81%	18.15%	52.96%	47.04%	65.73%	34.27%
Lincoln	R	4	336	292	44	86.76%	13.24%	4	336	292	44	86.76%	13.24%	4	336	214	77	291	45	63.67%	23.03%	86.70%	13.30%	73.44%	26.56%
Linn	R	2	180	142	38	78.64%	21.36%	2	180	142	38	78.64%	21.36%	2	180	89	53	142	38	49.31%	29.32%	78.64%	21.36%	62.71%	37.29%
Livingston	R	5	323	217	106	67.03%	32.97%	4	289	183	106	63.24%	36.76%	4	289	119	64	183	106	41.15%	22.09%	63.24%	36.76%	65.07%	34.93%
Macon	R	3	352	222	130	63.16%	36.84%	3	352	222	130	63.16%	36.84%	3	316	100	105	206	110	31.71%	33.38%	65.09%	34.91%	48.71%	51.29%
Madison	R	2	209	144	65	69.00%	31.00%	2	209	144	65	69.00%	31.00%	2	209	117	27	144	65	56.14%	12.86%	69.00%	31.00%	81.36%	18.64%
Maries	R	1	98	70	28	71.52%	28.48%	1	98	70	28	71.52%	28.48%	1	98	54	16	70	28	55.30%	16.22%	71.52%	28.48%	77.33%	22.67%
Marion	R	6	659	492	167	74.68%	25.32%	6	659	492	167	74.68%	25.32%	6	657	354	138	492	165	53.86%	21.05%	74.91%	25.09%	71.90%	28.10%
McDonald	R	1	96	78	18	81.18%	18.82%	1	96	78	18	81.18%	18.82%	1	96	57	21	78	18	59.51%	21.67%	81.18%	18.82%	73.31%	26.69%
Mercer	R	1	60	46	14	76.14%	23.86%	1	60	46	14	76.14%	23.86%	1	60	31	14	46	14	52.48%	23.66%	76.14%	23.86%	68.93%	31.07%
Miller	R	4	305	263	42	86.37%	13.63%	4	305	263	42	86.37%	13.63%	4	305	188	75	263	42	61.67%	24.69%	86.37%	13.63%	71.41%	28.59%
Mississippi	R	3	254	127	127	49.97%	50.03%	3	254	127	127	49.97%	50.03%	3	254	83	44	127	127	32.72%	17.26%	49.97%	50.03%	65.46%	34.54%
Moniteau	R	3	186	137	49	73.68%	26.32%	3	186	137	49	73.68%	26.32%	3	186	73	64	137	49	39.08%	34.60%	73.68%	26.32%	53.04%	46.96%
Monroe	R	1	119	76	43	64.06%	35.94%	1	119	76	43	64.06%	35.94%	1	119	43	33	76	43	36.39%	27.67%	64.06%	35.94%	56.81%	43.19%
Montgomery	R	3	289	215	74	74.31%	25.69%	3	289	215	74	74.31%	25.69%	3	289	136	79	215	74	47.11%	27.20%	74.31%	25.69%	63.39%	36.61%
Morgan	R	3	291	213	78	73.17%	26.83%	3	291	213	78	73.17%	26.83%	3	288	111	102	213	75	38.65%	35.28%	73.93%	26.07%	52.28%	47.72%
New Madrid	R	6	477	329	148	69.02%	30.98%	6	477	329	148	69.02%	30.98%	6	477	250	79	329	148	52.36%	16.58%	68.95%	31.05%	75.95%	24.05%
Newton	B	5	500	375	125	74.94%	25.06%	5	500	375	125	74.94%	25.06%	5	500	231	143	375	125	46.28%	28.66%	74.94%	25.06%	61.75%	38.25%
Nodaway	R	4	303	170	133	56.13%	43.87%	4	303	170	133	56.13%	43.87%	4	303	84	86	170	133	27.83%	28.30%	56.13%	43.87%	49.58%	50.42%
Oregon	R	1	120	67	53	55.60%	44.40%	1	120	67	53	55.60%	44.40%	1	120	50	17	67	53	41.49%	14.10%	55.60%	44.40%	74.63%	25.37%
Osage	R	2	196	104	92	53.30%	46.70%	2	196	104	92	53.30%	46.70%	2	196	64	41	104	92	32.60%	20.70%	53.30%	46.70%	61.17%	38.83%
Ozark	R	1	99	59	40	59.37%	40.63%	1	99	59	40	59.37%	40.63%	1	99	36	22	59	40	36.76%	22.61%	59.37%	40.63%	61.92%	38.08%
Pemiscot	R	3	250	127	123	50.95%	49.05%	3	250	127	123	50.95%	49.05%	3	250	103	25	127	123	41.00%	9.95%	50.95%	49.05%	80.48%	19.52%
Perry	R	2	289	182	107	62.92%	37.08%	2	289	182	107	62.92%	37.08%	2	289	120	62	182	107	41.51%	21.42%	62.92%	37.08%	65.97%	34.03%
Pettis	R	6	583	532	51	91.30%	8.70%	5	568	522	46	91.82%	8.18%	5	568	402	120	522	46	70.70%	21.12%	91.82%	8.18%	77.00%	23.00%
Phelps	R	6	472	314	158	66.47%	33.53%	5	452	304	148	67.31%	32.69%	5	452	190	114	304	148	42.11%	25.21%	67.31%	32.69%	62.55%	37.45%
Pike	R	3	205	123	82	60.04%	39.96%	3	205	123	82	60.04%	39.96%	3	205	76	47	123	82	37.18%	22.86%	60.04%	39.96%	61.93%	38.07%
Platte	B	3	456	284	172	62.26%	37.74%	3	456	284	172	62.26%	37.74%	3	456	189	95	284	172	41.53%	20.74%	62.26%	37.74%	66.70%	33.30%
Polk	R	4	369	314	55	84.98%	15.02%	4	369	314	55	84.98%	15.02%	4	351	205	96	301	50	58.45%	27.43%	85.88%	14.12%	68.06%	31.94%
Pulaski	R	4	302	193	109	63.75%	36.25%	4	302	193	109	63.75%	36.25%	4	302	134	58	193	109	44.47%	19.28%	63.75%	36.25%	69.75%	30.25%
Putnam	R	1	60	56	4	93.21%	6.79%	1	60	56	4	93.21%	6.79%	1	60	35	21	56	4	57.75%	35.45%	93.21%	6.79%	61.96%	38.04%

County	Basic, Urban, or Rural	ALL Facilities Providing Nursing Facility Services						MEDICAID Facilities						MEDICAID Facilities											
		No. of NFs	TOTAL Licensed Beds	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy %	TOTAL Licensed Bed Vacancy %	No. of NFs	TOTAL Licensed Beds in MEDICAID Facilities	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy % in MEDICAID Facilities	TOTAL Licensed Bed Vacancy % in MEDICAID Facilities	No. of NFs	MEDICAID Certified Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy % of Certified Beds	Non-MEDICAID Residents - Occupancy % of Certified Beds	Total Residents - Occupancy % of Certified Beds	MEDICAID Certified Vacant Beds - Availability %	% of Medicaid Residents to Total Residents in Certified Beds	% of Non-Medicaid Residents to Total Residents in Certified Beds
Ralls	R	1	60	58	2	96.09%	3.91%	1	60	58	2	96.09%	3.91%	1	60	55	2	58	2	92.01%	4.08%	96.09%	3.91%	95.76%	4.24%
Randolph	R	3	400	283	117	70.86%	29.14%	3	400	283	117	70.86%	29.14%	3	380	237	46	283	97	62.39%	12.20%	74.59%	25.41%	83.65%	16.35%
Ray	R	2	257	211	46	82.27%	17.73%	2	257	211	46	82.27%	17.73%	2	257	147	65	211	46	57.15%	25.13%	82.27%	17.73%	69.46%	30.54%
Reynolds	R	1	60	31	29	51.97%	48.03%	1	60	31	29	51.97%	48.03%	1	60	22	9	31	29	37.37%	14.60%	51.97%	48.03%	71.91%	28.09%
Ripley	R	1	120	55	65	45.59%	54.41%	1	120	55	65	45.59%	54.41%	1	120	43	11	55	65	36.10%	9.49%	45.59%	54.41%	79.18%	20.82%
Saline	R	4	371	186	185	50.12%	49.88%	3	311	152	159	48.90%	51.10%	3	302	100	45	145	157	33.25%	14.83%	48.08%	51.92%	69.16%	30.84%
Schuyler	R	1	60	46	14	76.21%	23.79%	1	60	46	14	76.21%	23.79%	1	60	27	19	46	14	45.25%	30.96%	76.21%	23.79%	59.38%	40.62%
Scotland	R	1	96	35	61	36.18%	63.82%	1	96	35	61	36.18%	63.82%	1	96	19	15	35	61	20.23%	15.94%	36.18%	63.82%	55.93%	44.07%
Scott	R	5	479	289	190	60.33%	39.67%	5	479	289	190	60.33%	39.67%	5	471	199	90	289	182	42.27%	19.08%	61.35%	38.65%	68.90%	31.10%
Shannon	R	1	90	41	49	45.33%	54.67%	1	90	41	49	45.33%	54.67%	1	90	37	4	41	49	41.03%	4.30%	45.33%	54.67%	90.51%	9.49%
Shelby	R	2	180	107	73	59.64%	40.36%	2	180	107	73	59.64%	40.36%	2	180	48	59	107	73	26.72%	32.92%	59.64%	40.36%	44.80%	55.20%
St. Charles	U	13	1,638	1,235	403	75.38%	24.62%	12	1,578	1,198	380	75.93%	24.07%	12	1,082	606	207	813	269	55.98%	19.15%	75.12%	24.88%	74.51%	25.49%
St. Clair	R	2	180	77	103	43.02%	56.98%	2	180	77	103	43.02%	56.98%	2	180	30	47	77	103	16.93%	26.09%	43.02%	56.98%	39.36%	60.64%
St. Francois	B	8	846	595	251	70.38%	29.62%	8	846	595	251	70.38%	29.62%	8	836	408	187	595	241	48.82%	22.40%	71.22%	28.78%	68.54%	31.46%
St. Louis County	U	80	11,282	8,057	3,225	71.41%	28.59%	67	9,967	7,171	2,796	71.95%	28.05%	67	7,511	4,421	1,098	5,519	1,992	58.86%	14.61%	73.48%	26.52%	80.11%	19.89%
St. Louis City	U	17	2,324	1,703	621	73.29%	26.71%	17	2,324	1,703	621	73.29%	26.71%	17	2,280	1,471	195	1,666	614	64.52%	8.54%	73.07%	26.93%	88.31%	11.69%
Ste. Genevieve	R	2	210	143	67	68.06%	31.94%	2	210	143	67	68.06%	31.94%	2	210	79	64	143	67	37.67%	30.39%	68.06%	31.94%	55.35%	44.65%
Stoddard	R	6	432	240	192	55.62%	44.38%	6	432	240	192	55.62%	44.38%	6	432	172	69	240	192	39.72%	15.90%	55.62%	44.38%	71.41%	28.59%
Stone	R	2	220	166	54	75.58%	24.42%	2	220	166	54	75.58%	24.42%	2	220	125	41	166	54	56.72%	18.86%	75.58%	24.42%	75.05%	24.95%
Sullivan	R	1	100	94	6	93.93%	6.07%	1	100	94	6	93.93%	6.07%	1	100	90	4	94	6	89.86%	4.08%	93.93%	6.07%	95.66%	4.34%
Taney	R	3	350	281	69	80.23%	19.77%	3	350	281	69	80.23%	19.77%	3	350	187	94	281	69	53.31%	26.93%	80.23%	19.77%	66.44%	33.56%
Texas	R	3	255	164	91	64.22%	35.78%	3	255	164	91	64.22%	35.78%	3	255	96	68	164	91	37.63%	26.59%	64.22%	35.78%	58.59%	41.41%
Vernon	R	4	316	205	111	64.95%	35.05%	4	316	205	111	64.95%	35.05%	4	316	130	75	205	111	41.16%	23.79%	64.95%	35.05%	63.37%	36.63%
Warren	R	1	120	80	40	66.44%	33.56%	1	120	80	40	66.44%	33.56%	1	120	47	33	80	40	39.16%	27.28%	66.44%	33.56%	58.94%	41.06%
Washington	R	2	210	115	95	54.57%	45.43%	2	210	115	95	54.57%	45.43%	2	210	79	36	115	95	37.65%	16.92%	54.57%	45.43%	69.00%	31.00%
Wayne	R	2	151	100	51	66.23%	33.77%	2	151	100	51	66.23%	33.77%	2	151	79	21	100	51	52.47%	13.76%	66.23%	33.77%	79.22%	20.78%
Webster	R	3	254	165	89	64.84%	35.16%	3	254	165	89	64.84%	35.16%	3	254	114	45	159	95	44.72%	17.88%	62.60%	37.40%	71.44%	28.56%
Worth	R	1	50	20	30	39.26%	60.74%	1	50	20	30	39.26%	60.74%	1	50	14	5	20	30	28.41%	10.85%	39.26%	60.74%	72.37%	27.63%
Wright	R	3	245	149	96	60.80%	39.20%	3	245	149	96	60.80%	39.20%	3	243	110	37	147	96	45.26%	15.33%	60.59%	39.41%	74.70%	25.30%
TOTAL		**536**	**57,112**	**40,157**	**16,955**	**70.31%**	**29.69%**	**504**	**54,869**	**38,640**	**16,229**	**70.42%**	**29.58%**	**504**	**50,646**	**25,488**	**10,336**	**35,824**	**14,822**	**50.33%**	**20.41%**	**70.73%**	**29.27%**	**71.15%**	**28.85%**

County	Basic, Urban, or Rural	ALL Facilities Providing Nursing Facility Services						MEDICAID Facilities						MEDICAID Facilities											
		No. of NFs	TOTAL Licensed Beds	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy %	TOTAL Licensed Bed Vacancy %	No. of NFs	TOTAL Licensed Beds in MEDICAID Facilities	TOTAL Residents	TOTAL Vacant Beds	TOTAL Licensed Bed Occupancy % in MEDICAID Facilities	TOTAL Licensed Bed Vacancy % in MEDICAID Facilities	No. of NFs	MEDICAID Certified Beds	MEDICAID Residents	Non-MEDICAID Residents in Medicaid Beds	Total Residents in MEDICAID Beds	MEDICAID Vacant Beds	MEDICAID Residents - Occupancy % of Certified Beds	Non-MEDICAID Residents - Occupancy % of Certified Beds	Total Residents - Occupancy % of Certified Beds	MEDICAID Certified Vacant Beds - Availability %	% of Medicaid Residents to Total Residents in Certified Beds	% of Non-Medicaid Residents to Total Residents in Certified Beds
													SUMMARY												
BASIC		99	10,610	7,668	2,942	72.27%	27.73%	94	10,327	7,495	2,832	72.58%	27.42%	94	9,839	4,613	2,545	7,158	2,681	46.89%	25.86%	72.75%	27.25%	64.45%	35.55%
URBAN		175	23,260	16,928	6,332	72.78%	27.22%	157	21,594	15,762	5,832	72.99%	27.01%	157	18,071	10,588	2,771	13,359	4,712	58.59%	15.34%	73.93%	26.07%	79.26%	20.74%
RURAL		262	23,242	15,561	7,681	66.95%	33.05%	253	22,948	15,383	7,565	67.03%	32.97%	253	22,736	10,287	5,020	15,307	7,429	45.25%	22.08%	67.33%	32.67%	67.20%	32.80%
TOTAL		536	57,112	40,157	16,955	70.31%	29.69%	504	54,869	38,640	16,229	70.42%	29.58%	504	50,646	25,488	10,336	35,824	14,822	50.33%	20.41%	70.73%	29.27%	71.15%	28.85%

NOTE: This utilization does not include data from three (3) recently enrolled Medicaid NF.

Data to Assess Access: FFS Nursing Facilities 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 Data Analysis was performed using Optum's Geo Networks software

Description- 2017 Data

This report is divided into categories containing the following columns:

- County – Names all Missouri Counties and St. Louis City
- Total Population – Number of residents per county
- Eligibles – Total 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 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 Managed Care plans. The three distance columns on the report indicate Urban (closest), Basic (middle), and Rural (furthest). When access standards are reviewed for Managed Care plans each region must meet 90% access based on their county classification. The FFS program does not have a required distance standard. This FFS report was not grouped into regions; therefore, it reports percentages for all three county classifications. The FFS population does not have required distance standards to compare to the Managed Care and Commercial insurance plans.

Description- 2018 Data

This report is divided into categories containing the following columns:

- County – Names all Missouri Counties and St. Louis City
- Total Population – Number of residents per county
- MO HealthNet Population – Total Medicaid participants per county
- Eligible Population- Medicaid participants eligible for NF Services 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 Eligible for NF Services 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 particular county, members may still have an available provider within the distance standard in a nearby county

The FFS Adequacy data for NF for 2018 was updated to demonstrate the number of Medicaid participants who are eligible for NF services based on the category of assistance. In the 2018 data, the column showing "MO HealthNet Population" demonstrates the total MO HealthNet (Medicaid) population per county. It does not demonstrate those persons who could be eligible for NF services if meeting the criteria. The column showing "Eligible Population" demonstrates the number of MO HealthNet participants who could be eligible for NF services if the criteria were met. This does not demonstrate the current population receiving NF services. However, these numbers do include the current MO HealthNet population who is currently receiving NF services. This data more appropriately exhibits the actual MO HealthNet population that could request NF services. This provides a more precise analysis of access to NF services.

The 2018 FFS Adequacy data demonstrates that there are 222,474 participants who could be eligible for NF services based on their category of assistance. The October-December 2017 utilization data demonstrates that there are a total of 25,488 current MO HealthNet NF residents.

FFS Network Adequacy – Nursing Facilities – 2017

Demographics					Nursing Facilities				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Adair	25,602	1,636	6.4%	R	2	818:1	95.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	2	650:1	96.5	100.0	100.0
Atchison	5,382	336	6.2%	R	2	168:1	91.4	100.0	100.0
Audrain	25,887	1,860	7.2%	R	2	930:1	92.5	100.0	100.0
Barry	35,662	3,686	10.3%	R	4	922:1	82.6	100.0	100.0
Barton	12,057	839	7.0%	R	1	839:1	75.2	98.2	100.0
Bates	16,584	1,059	6.4%	R	3	353:1	72.6	100.0	100.0
Benton	18,806	1,715	9.1%	R	3	572:1	92.2	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	1	1015:1	73.9	100.0	100.0
Boone	172,717	7,012	4.1%	B	9	779:1	95.3	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	7	781:1	97.3	99.4	100.0
Butler	42,972	4,893	11.4%	R	5	979:1	86.0	99.7	100.0
Caldwell	9,034	513	5.7%	R	2	257:1	73.1	100.0	100.0
Callaway	44,750	2,288	5.1%	R	4	572:1	83.2	100.0	100.0
Camden	44,021	2,110	4.8%	R	3	703:1	84.2	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	8	538:1	95.1	100.0	100.0
Carroll	9,043	592	6.5%	R	2	296:1	74.3	100.0	100.0
Carter	6,258	830	13.3%	R	1	830:1	13.6	100.0	100.0
Cass	100,889	3,613	3.6%	B	9	401:1	90.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	2	690:1	87.8	100.0	100.0
Chariton	7,694	645	8.4%	R	3	215:1	84.3	100.0	100.0
Christian	82,101	3,522	4.3%	B	3	1174:1	89.0	100.0	100.0
Clark	6,917	382	5.5%	R	1	382:1	79.3	100.0	100.0
Clay	233,682	7,795	3.3%	B	10	780:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	4	140:1	93.2	100.0	100.0
Cole	76,557	3,578	4.7%	B	6	596:1	93.9	100.0	100.0
Cooper	17,585	1,064	6.1%	R	4	266:1	89.5	100.0	100.0
Crawford	24,650	1,910	7.7%	R	2	955:1	78.3	100.0	100.0
Dade	7,628	552	7.2%	R	2	276:1	75.9	100.0	100.0
Dallas	16,389	1,339	8.2%	R	2	670:1	69.5	100.0	100.0
Daviess	8,297	451	5.4%	R	1	451:1	61.0	100.0	100.0
DeKalb	12,692	841	6.6%	R	2	421:1	92.2	100.0	100.0
Dent	15,655	1,527	9.8%	R	3	509:1	80.4	100.0	100.0
Douglas	13,546	1,057	7.8%	R	1	1057:1	75.2	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	7	626:1	95.3	100.0	100.0
Franklin	102,084	5,445	5.3%	B	8	681:1	95.5	100.0	100.0
Gasconade	14,866	950	6.4%	R	3	317:1	75.6	100.0	100.0
Gentry	6,826	436	6.4%	R	2	218:1	42.4	100.0	100.0
Greene	285,865	17,632	6.2%	U	19	928:1	98.9	100.0	100.0
Grundy	10,197	747	7.3%	R	2	374:1	86.5	100.0	100.0
Harrison	8,639	654	7.6%	R	2	327:1	67.9	96.6	100.0
Henry	22,028	1,945	8.8%	R	3	648:1	86.8	100.0	100.0
Hickory	9,219	707	7.7%	R	1	707:1	84.9	100.0	100.0

FFS Network Adequacy – Nursing Facilities – 2017

Demographics					Nursing Facilities				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Holt	4,516	237	5.2%	R	2	119:1	80.2	100.0	100.0
Howard	10,159	721	7.1%	R	2	361:1	76.7	100.0	100.0
Howell	40,173	4,233	10.5%	R	5	847:1	80.4	99.3	100.0
Iron	10,267	1,297	12.6%	R	2	649:1	19.8	100.0	100.0
Jackson	683,191	39,120	5.7%	U	42	931:1	99.9	100.0	100.0
Jasper	117,543	6,762	5.8%	B	7	966:1	97.1	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	11	813:1	98.6	100.0	100.0
Johnson	54,362	1,813	3.3%	R	5	363:1	86.5	100.0	100.0
Knox	4,000	239	6.0%	R	1	239:1	75.7	100.0	100.0
Laclede	35,439	2,947	8.3%	R	2	1474:1	78.4	98.9	100.0
Lafayette	32,688	1,758	5.4%	R	5	352:1	97.6	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	4	362:1	93.0	100.0	100.0
Lewis	10,138	605	6.0%	R	3	202:1	89.3	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	4	694:1	88.7	100.0	100.0
Linn	12,311	777	6.3%	R	2	389:1	82.4	99.4	100.0
Livingston	15,053	995	6.6%	R	4	249:1	88.3	100.0	100.0
Macon	15,479	1,019	6.6%	R	3	340:1	82.5	99.7	100.0
Madison	12,368	1,246	10.1%	R	2	623:1	77.4	100.0	100.0
Maries	9,013	428	4.7%	R	1	428:1	54.0	100.0	100.0
Marion	28,920	2,595	9.0%	R	6	433:1	96.9	100.0	100.0
McDonald	22,800	1,668	7.3%	R	1	1668:1	62.5	97.5	100.0
Mercer	3,719	216	5.8%	R	1	216:1	88.0	100.0	100.0
Miller	25,141	1,851	7.4%	R	4	463:1	84.1	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	3	572:1	97.7	100.0	100.0
Moniteau	15,856	680	4.3%	R	3	227:1	97.9	100.0	100.0
Monroe	8,707	331	3.8%	R	1	331:1	71.3	100.0	100.0
Montgomery	11,841	852	7.2%	R	3	284:1	84.3	100.0	100.0
Morgan	20,240	1,814	9.0%	R	3	605:1	92.4	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	6	347:1	91.0	100.0	100.0
Newton	58,598	4,852	8.3%	B	5	970:1	98.5	100.0	100.0
Nodaway	23,081	884	3.8%	R	4	221:1	71.6	99.8	100.0
Oregon	10,911	1,260	11.5%	R	1	1260:1	41.8	100.0	100.0
Osage	13,703	426	3.1%	R	2	213:1	91.1	100.0	100.0
Ozark	9,492	796	8.4%	R	1	796:1	48.9	87.8	100.0
Pemiscot	17,650	2,551	14.5%	R	3	850:1	95.8	100.0	100.0
Perry	19,202	1,094	5.7%	R	2	547:1	81.0	99.9	100.0
Pettis	42,225	3,067	7.3%	R	5	613:1	93.3	100.0	100.0
Phelps	44,847	3,019	6.7%	R	5	604:1	90.4	100.0	100.0
Pike	18,541	1,114	6.0%	R	3	371:1	84.5	100.0	100.0
Platte	94,788	2,175	2.3%	B	3	725:1	97.6	100.0	100.0
Polk	31,054	2,299	7.4%	R	4	575:1	80.9	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	4	569:1	88.9	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	64.4	100.0	100.0
Ralls	10,255	650	6.3%	R	1	650:1	79.4	100.0	100.0

FFS Network Adequacy – Nursing Facilities – 2017

Demographics					Nursing Facilities				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Randolph	25,072	1,948	7.8%	R	3	649:1	92.7	100.0	100.0
Ray	22,949	1,044	4.5%	R	2	522:1	87.5	100.0	100.0
Reynolds	6,565	621	9.5%	R	1	621:1	45.6	94.5	100.0
Ripley	13,969	1,826	13.1%	R	1	1826:1	77.4	99.3	100.0
Saline	23,347	1,603	6.9%	R	3	534:1	86.3	100.0	100.0
Schuyler	4,370	296	6.8%	R	1	296:1	80.1	100.0	100.0
Scotland	4,863	224	4.6%	R	1	224:1	76.8	100.0	100.0
Scott	38,903	4,380	11.3%	R	5	876:1	89.8	100.0	100.0
Shannon	8,329	882	10.6%	R	1	882:1	49.2	100.0	100.0
Shelby	6,108	419	6.9%	R	2	210:1	85.2	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	12	757:1	99.4	100.0	100.0
St. Clair	9,457	717	7.6%	R	2	359:1	70.2	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	8	759:1	91.4	100.0	100.0
St. Louis	1,001,876	52,150	5.2%	U	67	778:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	17	2329:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	2	442:1	59.3	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	6	509:1	96.5	100.0	100.0
Stone	31,104	1,633	5.3%	R	2	817:1	80.3	100.0	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	59.5	100.0	100.0
Taney	54,230	3,530	6.5%	R	3	1177:1	96.3	99.6	100.0
Texas	25,642	2,073	8.1%	R	3	691:1	79.0	99.5	100.0
Vernon	21,001	1,672	8.0%	R	4	418:1	81.9	99.0	100.0
Warren	33,253	1,574	4.7%	R	1	1574:1	87.3	100.0	100.0
Washington	25,077	2,632	10.5%	R	2	1316:1	72.2	100.0	100.0
Wayne	13,452	1,785	13.3%	R	2	893:1	85.6	100.0	100.0
Webster	36,888	2,495	6.8%	R	3	832:1	79.0	100.0	100.0
Worth	2,073	127	6.1%	R	1	127:1	80.3	100.0	100.0
Wright	18,291	2,195	12.0%	R	3	732:1	90.6	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**504**		**92.7%**	**99.9%**	**100.0%**

FFS Network Adequacy – Nursing Facilities – 2018

Demographics						Nursing Homes				
County	Total Population	MO HealthNet Population	% Medicaid	Eligible Population	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Adair	25,602	1,187	5%	1,094	R	2	547:1	94.1	100.0	100.0
Andrew	17,379	422	2%	390	R	2	195:1	96.5	100.0	100.0
Atchison	5,382	226	4%	210	R	2	105:1	91.7	100.0	100.0
Audrain	25,887	1,083	4%	990	R	2	495:1	92.8	100.0	100.0
Barry	35,662	1,754	5%	1,589	R	4	397:1	82.6	100.0	100.0
Barton	12,057	602	5%	554	R	1	554:1	76.1	98.6	100.0
Bates	16,584	762	5%	690	R	3	230:1	73.0	100.0	100.0
Benton	18,806	1,189	6%	1,063	R	3	354:1	92.7	100.0	100.0
Bollinger	12,394	789	6%	753	R	1	753:1	76.2	100.0	100.0
Boone	172,717	4,580	3%	4,263	B	9	474:1	95.6	100.0	100.0
Buchanan	89,486	4,135	5%	3,825	B	7	546:1	97.4	99.4	100.0
Butler	42,972	3,660	9%	3,438	R	5	688:1	86.6	99.7	100.0
Caldwell	9,034	318	4%	286	R	2	143:1	71.3	100.0	100.0
Callaway	44,750	1,473	3%	1,334	R	4	334:1	82.7	100.0	100.0
Camden	44,021	1,389	3%	1,243	R	3	414:1	84.7	100.0	100.0
Cape Girardeau	78,043	2,977	4%	2,796	B	8	350:1	95.3	100.0	100.0
Carroll	9,043	405	4%	372	R	2	186:1	75.6	100.0	100.0
Carter	6,258	544	9%	511	R	1	511:1	13.7	100.0	100.0
Cass	100,889	2,281	2%	2,099	B	9	233:1	90.2	100.0	100.0
Cedar	13,952	878	6%	804	R	2	402:1	88.1	100.0	100.0
Chariton	7,694	397	5%	375	R	3	125:1	84.0	100.0	100.0
Christian	82,101	2,032	2%	1,833	B	3	611:1	89.1	100.0	100.0
Clark	6,917	257	4%	236	R	1	236:1	80.1	100.0	100.0
Clay	233,682	4,700	2%	4,332	B	10	433:1	100.0	100.0	100.0
Clinton	20,299	500	2%	472	R	4	118:1	93.3	100.0	100.0
Cole	76,557	2,238	3%	2,075	B	6	346:1	94.5	100.0	100.0
Cooper	17,585	705	4%	648	R	4	162:1	86.6	100.0	100.0
Crawford	24,650	1,448	6%	1,349	R	2	675:1	78.1	100.0	100.0
Dade	7,628	355	5%	323	R	2	162:1	88.3	100.0	100.0
Dallas	16,389	1,002	6%	902	R	2	451:1	69.1	100.0	100.0
Daviess	8,297	312	4%	289	R	1	289:1	60.3	100.0	100.0
DeKalb	12,692	426	3%	393	R	2	197:1	91.8	100.0	100.0
Dent	15,655	1,117	7%	1,050	R	3	350:1	80.6	100.0	100.0
Douglas	13,546	847	6%	759	R	1	759:1	75.6	100.0	100.0
Dunklin	31,344	3,403	11%	3,221	R	7	460:1	95.4	100.0	100.0
Franklin	102,084	3,223	3%	2,930	B	8	366:1	95.4	100.0	100.0
Gasconade	14,866	633	4%	592	R	3	197:1	74.9	100.0	100.0
Gentry	6,826	322	5%	297	R	2	149:1	40.6	100.0	100.0
Greene	285,865	11,998	4%	10,850	U	19	571:1	99.4	100.0	100.0
Grundy	10,197	589	6%	549	R	2	275:1	87.5	100.0	100.0
Harrison	8,639	477	6%	437	R	2	219:1	68.8	96.9	100.0
Henry	22,028	1,334	6%	1,246	R	3	415:1	88.6	100.0	100.0
Hickory	9,219	519	6%	467	R	1	467:1	85.1	100.0	100.0
Holt	4,516	161	4%	148	R	2	74:1	78.8	100.0	100.0

FFS Network Adequacy – Nursing Facilities – 2018

Demographics						Nursing Homes				
County	Total Population	MO HealthNet Population	% Medicaid	Eligible Population	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Howard	10,159	447	4%	421	R	2	211:1	77.0	100.0	100.0
Howell	40,173	3,027	8%	2,759	R	5	552:1	80.8	99.3	100.0
Iron	10,267	1,016	10%	980	R	2	490:1	20.7	100.0	100.0
Jackson	683,191	26,325	4%	24,373	U	42	580:1	99.9	100.0	100.0
Jasper	117,543	5,386	5%	4,946	B	7	707:1	97.2	100.0	100.0
Jefferson	222,716	6,331	3%	5,855	B	11	532:1	98.5	100.0	100.0
Johnson	54,362	1,233	2%	1,140	R	5	228:1	87.8	100.0	100.0
Knox	4,000	200	5%	186	R	1	186:1	72.8	100.0	100.0
Laclede	35,439	2,068	6%	1,892	R	2	946:1	79.4	99.0	100.0
Lafayette	32,688	1,250	4%	1,171	R	5	234:1	97.7	100.0	100.0
Lawrence	38,023	1,694	4%	1,532	R	4	383:1	93.3	100.0	100.0
Lewis	10,138	412	4%	388	R	3	129:1	90.3	100.0	100.0
Lincoln	54,249	1,845	3%	1,697	R	4	424:1	89.3	100.0	100.0
Linn	12,311	675	5%	615	R	2	308:1	81.3	99.4	100.0
Livingston	15,053	847	6%	802	R	4	201:1	89.5	100.0	100.0
Macon	15,479	645	4%	603	R	3	201:1	82.4	99.7	100.0
Madison	12,368	1,003	8%	955	R	2	478:1	77.3	100.0	100.0
Maries	9,013	348	4%	310	R	1	310:1	55.4	100.0	100.0
Marion	28,920	1,880	7%	1,797	R	6	300:1	96.8	100.0	100.0
McDonald	22,800	958	4%	858	R	1	858:1	61.8	97.2	100.0
Mercer	3,719	154	4%	143	R	1	143:1	87.5	100.0	100.0
Miller	25,141	1,247	5%	1,133	R	4	283:1	85.5	100.0	100.0
Mississippi	14,232	1,193	8%	1,115	R	3	372:1	97.7	100.0	100.0
Moniteau	15,856	435	3%	397	R	3	132:1	92.4	100.0	100.0
Monroe	8,707	385	4%	343	R	1	343:1	74.5	100.0	100.0
Montgomery	11,841	585	5%	546	R	3	182:1	86.2	100.0	100.0
Morgan	20,240	1,238	6%	1,128	R	3	376:1	92.5	100.0	100.0
New Madrid	18,272	1,578	9%	1,490	R	6	248:1	90.9	100.0	100.0
Newton	58,598	2,214	4%	2,024	B	5	405:1	98.7	100.0	100.0
Nodaway	23,081	635	3%	547	R	4	137:1	75.3	99.7	100.0
Oregon	10,911	937	9%	867	R	1	867:1	41.9	100.0	100.0
Osage	13,703	323	2%	304	R	2	152:1	91.1	100.0	100.0
Ozark	9,492	595	6%	533	R	1	533:1	43.0	90.9	100.0
Pemiscot	17,650	1,989	11%	1,901	R	3	634:1	94.8	100.0	100.0
Perry	19,202	741	4%	707	R	2	354:1	80.7	99.9	100.0
Pettis	42,225	2,395	6%	2,176	R	5	435:1	93.8	100.0	100.0
Phelps	44,847	2,104	5%	1,938	R	5	388:1	90.3	100.0	100.0
Pike	18,541	805	4%	757	R	3	252:1	85.0	100.0	100.0
Platte	94,788	1,251	1%	1,156	B	3	385:1	97.5	100.0	100.0
Polk	31,054	1,667	5%	1,523	R	4	381:1	81.3	100.0	100.0
Pulaski	53,436	1,421	3%	1,296	R	4	324:1	88.7	100.0	100.0
Putnam	4,829	240	5%	222	R	1	222:1	64.7	100.0	100.0
Ralls	10,255	365	4%	340	R	1	340:1	79.5	100.0	100.0
Randolph	25,072	1,559	6%	1,447	R	3	482:1	91.8	100.0	100.0

FFS Network Adequacy – Nursing Facilities – 2018

Demographics						Nursing Homes				
County	Total Population	MO HealthNet Population	% Medicaid	Eligible Population	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Ray	22,949	791	3%	734	R	2	367:1	87.8	100.0	100.0
Reynolds	6,565	509	8%	477	R	1	477:1	42.4	94.2	100.0
Ripley	13,969	1,387	10%	1,296	R	1	1296:1	76.0	99.4	100.0
Saline	23,347	1,137	5%	1,072	R	3	357:1	87.0	100.0	100.0
Schuyler	4,370	195	4%	182	R	1	182:1	82.1	100.0	100.0
Scotland	4,863	141	3%	125	R	1	125:1	79.9	100.0	100.0
Scott	38,903	3,017	8%	2,831	R	5	566:1	89.5	100.0	100.0
Shannon	8,329	664	8%	625	R	1	625:1	50.3	100.0	100.0
Shelby	6,108	284	5%	257	R	2	129:1	87.9	100.0	100.0
St Charles	379,493	5,400	1%	4,898	U	12	408:1	99.3	100.0	100.0
St Clair	9,457	557	6%	513	R	2	257:1	70.0	100.0	100.0
St Francois	65,960	4,550	7%	4,293	B	8	537:1	91.4	100.0	100.0
St Louis	1,001,876	29,158	3%	27,211	U	67	406:1	100.0	100.0	100.0
St Louis City	317,419	23,071	7%	21,728	U	17	1278:1	100.0	100.0	100.0
Ste Genevieve	17,914	644	4%	609	R	2	305:1	61.3	100.0	100.0
Stoddard	29,867	2,163	7%	2,029	R	6	338:1	96.4	100.0	100.0
Stone	31,104	1,144	4%	1,008	R	2	504:1	80.5	100.0	100.0
Sullivan	6,411	369	6%	340	R	1	340:1	59.4	100.0	100.0
Taney	54,230	2,204	4%	1,960	R	3	653:1	96.6	99.5	100.0
Texas	25,642	1,357	5%	1,207	R	3	402:1	79.4	99.5	100.0
Vernon	21,001	1,219	6%	1,142	R	4	286:1	83.5	99.1	100.0
Warren	33,253	1,031	3%	924	R	1	924:1	86.6	100.0	100.0
Washington	25,077	2,019	8%	1,886	R	2	943:1	72.2	100.0	100.0
Wayne	13,452	1,215	9%	1,142	R	2	571:1	85.2	100.0	100.0
Webster	36,888	1,380	4%	1,228	R	3	409:1	78.8	100.0	100.0
Worth	2,073	90	4%	77	R	1	77:1	77.3	100.0	100.0
Wright	18,291	1,422	8%	1,290	R	3	430:1	90.9	100.0	100.0
TOTAL:	**6,063,589**	**240,414**	**4%**	**222,474**		**504**		**92.3%**	**99.9%**	**100.0%**

Outpatient Hospital Services

Outpatient hospital services are those services provided to a person who has not been admitted by the hospital as an inpatient but is registered on the hospital records as an outpatient and receives services from the hospital. The types of treatment and services shown below are covered when provided in the outpatient hospital clinic or emergency room and under the direct supervision of a medical professional. A medical professional is a physician or other person authorized by State licensure law to order hospital services for diagnosis or treatment of the patient.

MO HealthNet Covered Outpatient Hospital Services:

- Preventive,
- Diagnostic,
- Therapeutic,
- Palliative,
- Therapies including:
    - Chemotherapy
    - Radiation therapy
    - Physical therapy
    - Routine dialysis treatment,
- Medical and surgical supplies,
- Medications that are administered on-site,
- Injections and immunizations, and
- Observation.

Hospitals are not required to participate in the Medicaid program (MO HealthNet). In order to participate in the MO HealthNet Hospital Program, the hospital provider must be licensed by the DHSS as an acute care, psychiatric, or rehabilitation hospital unless the facility is exempt from licensure because it is a city or state operated facility. The provider must be certified by the DHSS for participation in the Title XVIII Medicare Programs.

The majority of MO HealthNet categories of assistance qualify for outpatient hospital services. There are specific procedures not covered by MO HealthNet and some categories of assistance have very limited coverage.

- The Women's Health Services category of assistance has limited coverage for family planning and limited testing and treatment of sexually transmitted diseases.
- The MO HealthNet TEMP program has limited coverage for ambulatory prenatal care.
- The MORx category of assistance is not eligible for outpatient hospital services.
- For QMB, there are Medicare restrictions and some services are not covered by Medicare.

Outpatient Surgical Procedures

Outpatient surgical procedures are performed in a hospital or clinic. Outpatient surgery is known as same-day or ambulatory surgery that occurs when the patient is expected to go home the same day as the surgery. Typically, the patient does not need an overnight hospital bed. Outpatient surgery can reduce health care costs and utilizes improved surgical instruments with less invasive surgical techniques. Outpatient surgeries have expanded to include complex surgeries for patients with more complex medical problems.

Outpatient Hospital Change in Reimbursement Methodology

Effective January 1, 2019, the MHD will change the prospective outpatient hospital services reimbursement methodology, including the methodology by which certain Outpatient Surgical Procedures, Outpatient Radiology, and the Telehealth Originating Site Fees are reimbursed. The change in methodology for certain Outpatient Surgical Procedures, Outpatient Radiology, and the Telehealth Originating Site Fees only applies to hospitals performing these services in an outpatient setting.

A Draft AMRP is posted for public comment. The comments received during the comment period related to the change in reimbursement methodology can be found on Appendix C page 257 and will continually be updated to reflect further stakeholder input.

Outpatient Surgical Procedures Reimbursement Methodology

Effective January 1, 2019, the MHD will update certain outpatient surgical procedures to be reimbursed on a fee schedule instead of a percentage of the agency's billed charges. The MHD added specific procedure codes and rates to the fee schedule, as shown on page 92.

The MHD currently reimburses outpatient surgical procedures as a percentage of billed charges. The prospective outpatient payment percentage for in-state-hospitals is currently calculated using the Medicaid overall outpatient cost-to-charge ratio from the fourth, fifth, and sixth prior base year cost reports regressed to the current SFY. As part of the regression analysis, a hospital's outpatient payment percentage is limited to a downward adjustment of 15% from the previous year with no limit on the upward swing, unless the hospital chose the lower upward and downward swing option of 6%. Once a hospital has chosen an option, it shall be fixed and applied beginning with the year selected. If a hospital has not chosen an option, the default is the downward adjustment of 15%, from the previous year with no limit on the upward swing. The prospective outpatient payment percentage shall not exceed 100%, and shall not be less than 20%. Outpatient cost-to-charge ratios will be determined in the desk review of the base year cost reports. Costs and charges for services not reimbursed as a percentage of billed charges shall be excluded when calculating the outpatient cost-to-charge ratios used to determine outpatient percentage rates.

The prospective outpatient payment percentage for out-of-state hospitals is calculated by taking each in-state provider's prospective outpatient payment percentage multiplied by the hospital specific charges for the second prior calendar year to determine the estimated payments by hospital. Then the total estimated payments are divided by the total trended charges to determine the weighted average percentage. The out-of-state hospitals receive the weighted average percentage unless the hospital has

requested to have their prospective outpatient payment percentage calculated based on cost report data in the same manner as the in-state hospitals. The prospective outpatient payment percentage for SFY 2019 for the out-of-state hospitals is 27%.

The following list below demonstrates the surgical procedure code rates added to the fee schedule. The chart demonstrates the following:

1. Implementation Date: the date the change will be effective.
2. Surgery or Service Description: the detailed description of the procedure code for the service.
3. Procedure Code: the procedure code that will be added to the fee schedule.
4. MHD Reimbursement: the rate at which the MHD will reimburse the provider for the service.
5. MHD Reimbursement Methodology: the manner in which MHD determined the rate.
6. Medicare Reimbursement: comparisons to Medicare's reimbursement, when applicable.

MO HealthNet Division Fee Schedule for Outpatient Surgical Procedures					
Implementation Date	**Surgery/Service Description**	**Procedure Code**	**MHD Reimbursement**	**MHD Methodology**	**Medicare Reimbursement**
01/01/2019	Biopsy, vertebral body, open; lumbar or cervical	20251	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (e.g., kyphoplasty),1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar	22514	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and decompression of spinal cord and/or nerve roots; cervical below C2	22551	$10,122.22	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$10,122.22
01/01/2019	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar	22558	$15,369.94	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Medicare covers similar procedures at $15,369.94
01/01/2019	Arthrodesis, posterior or posterolateral technique, single level; lumbar (with lateral transverse technique, when performed)	22612	$10,122.22	Rate based on Medicare; comparable to average in-state reimbursement; includes when multiple procedures billed	$10,122.22

01/01/2019	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar	22630	$15,369.94	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Medicare covers similar procedures at $15,369.94
01/01/2019	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; lumbar	22633	$15,369.94	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Medicare covers similar procedures at $15,369.94
01/01/2019	Reinsertion of spinal fixation device	22849	$15,369.94	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Medicare covers similar procedures at $15,369.94
01/01/2019	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophytectomy for nerve root or spinal cord decompression and microdissection); single interspace, cervical	22856	$15,369.94	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$15,369.94
01/01/2019	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), single interspace, lumbar	22857	$15,369.94	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Medicare covers similar procedures at $15,369.94
01/01/2019	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; clavicle, proximal humerus	23491	$10,122.22	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$10,122.22

01/01/2019	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	27130	$10,122.22	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Medicare covers similar procedures at $10,122.22
01/01/2019	Arthroplasty, knee, condyle and plateau; medial and lateral compartments with or without patella resurfacing (total knee arthroplasty)	27447	$10,122.22	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$10,122.22
01/01/2019	Capsulotomy; metatarsophalangeal joint, with or without tenorrhaphy, each joint (separate procedure)	28270	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Medicare covers similar procedures at $5606.03
01/01/2019	Arthroscopy, shoulder, surgical debridement, extensive	29823	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Medicare covers similar procedures at $5606.03
01/01/2019	Anthroscopy, shoulder, surgical; distal claviculectomy including distal articular surface (Mumford procedure)	29824	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Medicare covers similar procedures at $5606.03
01/01/2019	Arthroscopy rotator cuff repair	29827	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03

01/01/2019	Arthroscopy, knee, surgical debridement/shaving of articular cartilage (chondroplasty)	29877	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Medicare covers similar procedures at $5606.03
01/01/2019	Arthroscopy, knee, surgical abrasion arthroplasty (includes chondroplasty where necessary) or multiple drilling or microfracture	29879	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	Medicare covers similar procedures at $5606.03
01/01/2019	Arthroscopy, hip, surgical; with femoroplasty (i.e., treatment of cam lesion)	29914	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Arthroscopy, hip, surgical; with acetabuloplasty (i.e. treatment of pincer lesion)	29915	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Laparoscopy, surgical, repair of paraesophageal hernia, includes fundoplasty, when performed: without implantation of mesh	43281	$7,594.89	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$7,594.89
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	43644	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Not comparable to Medicare Rate

01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	43645	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Not comparable to Medicare Rate
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable restrictive device (eg, gastric band gastric band and subcutaneous port components)	43770	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	$7,594.89
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable gastric restrictive device component only	43771	$7,000.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient. Not comparable to Medicare Rate
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device component only	43772	$7,000.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	$2,743.26
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable gastric restrictive device component only	43773	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	$4,488.37
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device and subcutaneous port components	43774	$7,000.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	$2,743.26
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (ie, sleeve gastrectomy)	43775	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Not comparable to Medicare Rate
01/01/2019	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	43845	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Not comparable to Medicare Rate

01/01/2019	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	43846	$13,500.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Not comparable to Medicare Rate
01/01/2019	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	43847	$14,000.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient. Not comparable to Medicare Rate
01/01/2019	Revision, open, of gastric restrictive procedure for morbid obesity, other than adjustable gastric restrictive device (separate procedure)	43848	$14,000.00	Rate based on the highest in-state reimbursement and considers multiple procedures billed	Only Covered as Inpatient Not comparable to Medicare Rate
01/01/2019	Laparoscopy, surgical; cholecystectomy	47562	$4,488.37	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$4,488.37
01/01/2019	Laparoscopy, surgical; repair, ventral, umbilical, Spigelian or epigastric hernia (includes mesh insertion, when preformed); reducible incarcerated or strangulated	49653	$4,488.37	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$4,488.37
01/01/2019	Laparoscopy, surgical, repair incisional hernia (includes mesh insertion, when performed); reducible	49654	$7,600.00	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$7,600.00
01/01/2019	Endoscopic decompression of spinal cord, nerve root(s), including laminotomy, partial facetectomy, foraminotomy, discectomy and/or excision of herniated intervertebral disc, 1 interspace, lumbar	62380	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03

01/01/2019	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equine, without facetectomy, foraminotomy or discectomy (e.g. spinal stenosis), 1 or 2 vertebral segments; cervical	63001	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equine, without facetectomy, foraminotomy or discectomy (e.g. spinal stenosis), more than 2 vertebral segments; cervical	63015	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Laminectomy (hemilaminectomy) with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, cervical	63020	$5,606.03	Rate based on Medicare; comparable to the average in-state reimbursement; includes when multiple procedures billed	$5,606.03
01/01/2019	Laminectomy (hemilaminectomy) with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, lumbar	63030	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Laminectomy (hemilaminectomy) with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; lumbar	63042	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equine and/or nerve root[s], [e.g., spinal or lateral recess stenosis]) including partial and/or excision of herniated intervertebral disc; 1 interspace, cervical	63045	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03

01/01/2019	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equine and/or nerve root[s], [e.g., spinal or lateral recess stenosis]) including partial and/or excision of herniated intervertebral disc; 1 interspace, thoracic	63046	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equine and/or nerve root[s], [e.g., spinal or lateral recess stenosis]) including partial and/or excision of herniated intervertebral disc; 1 interspace, lumbar	63047	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophytectomy; cervical, single interspace	63075	$5,606.03	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$5,606.03
01/01/2019	Insertion or replacement of spinal neurostimulator pulse generator or receiver, direct or inductive coupling	63685	$27,899.86	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$27,899.86
01/01/2019	Repair or dural/cerebrospinal fluid leak, not requiring laminectomy	63707	$2,879.18	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$2,879.18
01/01/2019	Dural graft, spinal	63710	$2,879.18	Rate based on Medicare, which is comparable to the average in-state reimbursement and considers multiple procedures billed	$2,879.18

The Network Access Reports demonstrate that in 2018, there are a total of 511 hospital providers enrolled as MO HealthNet providers providing outpatient services, as compared to 512 in 2017. The 2017 and 2018 analysis included the providers located in bordering states. In 2017 and 2018, there were 354 hospital providers in bordering states providing outpatient services, which demonstrates additional access for participants, especially those living in close proximity to a bordering state.

The MHD does not anticipate any negative impact on access from the change in reimbursement methodology for hospitals providing outpatient services due to the large number of available providers. Access to outpatient agencies for outpatient services is adequate based on the number of available MO HealthNet providers. The MHD will continue to monitor provider enrollment data per county area. The MHD will monitor participant enrollment per county area, ratio, and distance standards to ensure adequate access to outpatient hospitals.

Outpatient Surgical Procedure Comparison to Medicare Reimbursement

Some of the MO HealthNet outpatient surgical procedure codes reimbursement rates are not comparable to Medicare's reimbursement due to Medicare covering many of these procedures as an inpatient service only. The MHD is unable to directly compare its rates to the Medicare rates because the Medicare payment methodology is based on the Outpatient Prospective Payment system, which is the Ambulatory Payment Classification (APC) reimbursement methodology. When applicable, the MHD uses the Medicare rates to help determine the MHD rates to remain comparable to the Medicare rate. When a Medicare rate was available, the MHD utilized that rate to determine the MHD reimbursement rate; therefore, making the MHD rate comparable to the Medicare rate. When a Medicare rate was not available, the MHD would determine the rate by the highest MO HealthNet in-state reimbursement.

Outpatient Radiology Reimbursement Reduction

Effective January 1, 2019, the MHD will reduce reimbursement rates for the technical component of the hospitals providing radiology procedures from 125% of the Medicare rate to 90% of the most current Medicare allowable radiology rate. The rate change only affects hospitals billing the technical component for radiology services and does not affect the physician or professional component reimbursement. The hospitals radiology reimbursement will be updated annually to reflect the most current 90% of the Medicare allowable radiology rates.

The Network Access Report for radiology services is demonstrated in the outpatient hospitals Network Access Reports. The Network Access Reports show that in 2018, there are a total of 511 hospital providers enrolled as MO HealthNet providers providing outpatient services, as compared to 512 in 2017. The 2017 and 2018 analysis included the providers located in bordering states. In 2017 and 2018, there were 354 hospital providers in bordering states providing outpatient services, which demonstrates additional access to participants, especially those living in close proximity to a bordering state.

The MHD does not anticipate any negative impact on access from the change in reimbursement for radiology services due to the large number of available providers. Access to radiology services is adequate based on the available MO HealthNet hospital providers performing radiology services. The MHD will continue to monitor the provider enrollment data per county area. The MHD will monitor participant enrollment per county area, ratio, and distance standards to ensure adequate access to radiology services in the outpatient hospital setting.

Telehealth Services

Telehealth Services are medical services provided through advanced telecommunications technology from one location to another. Medical information is exchanged in real-time communication from an originating site, where the participant is located, to a distant site, where the provider is located, allowing them to interact as if they are having a face-to-face session. The participant must be able to see and interact with the off-site provider at the time services are provided via Telehealth. Telehealth offers participants, particularly those in rural areas of the state, access to health care services without having to travel extensive miles for an appointment.

Telehealth services are only covered if medically necessary. All MO HealthNet covered services can be rendered through Telehealth at the distant site.

Health care providers utilizing Telehealth at either an originating site or a distant site must be enrolled as a MO HealthNet provider prior to rendering services. Providers eligible to receive payment for Telehealth services include:

1. Physicians, assistant physicians, and physician assistants;
2. Advanced practice registered nurses;
3. Dentists, oral surgeons, and dental hygienists under the supervision of a currently registered and licensed dentist;
4. Psychologists and provisional licensees;
5. Pharmacists;
6. Speech, occupational, or physical therapists;
7. Clinical social workers;
8. Podiatrists;
9. Optometrists;
10. Licensed professional counselors; and
11. Eligible health care providers under (1) to (10) of this section practicing in a RHC, FQHC, or community mental health center.

Telehealth Reimbursement Methodology

Effective January 1, 2019, the telehealth originating site fee will be paid up to the maximum allowable outpatient fee schedule amount of $15.60 for procedure code Q3014 (or the lesser of billed charges). 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.

The MHD currently reimburses the telehealth originating site fee in the outpatient hospital as a percentage of the hospital's billed charges. The prospective outpatient payment percentage for in-state hospitals is currently calculated using the Medicaid overall outpatient cost-to-charge ratio from the fourth, fifth, and sixth prior base year cost reports regressed to the current SFY. As part of the regression analysis, a hospital's outpatient payment percentage is limited to a downward adjustment of 15% from the previous year with no limit on the upward swing, unless the hospital chose the lower upward and downward swing option of 6%. Once a hospital has chosen an option, it shall be fixed and applied

beginning with the year selected. If a hospital has not chosen an option, the default is the downward adjustment of 15%, from the previous year with no limit on the upward swing. The prospective outpatient payment percentage shall not exceed 100%, and shall not be less than 20%. Outpatient cost-to-charge ratios will be as determined in the desk review of the base year cost reports. Costs and charges for services not reimbursed as a percentage of billed charges shall be excluded when calculating the outpatient cost-to-charge ratios used to determine outpatient percentage rates.

The prospective outpatient payment percentage for out-of-state hospitals is calculated by taking each in-state provider's prospective outpatient payment percentage multiplied by the hospital specific charges for the second prior calendar year to determine the estimated payments by hospital. Then the total estimated payments are divided by the total trended charges to determine the weighted average percentage. The out-of-state hospitals receive the weighted average percentage unless the hospital has requested to have their prospective outpatient payment percentage calculated based on cost report data in the same manner as the in-state hospitals. The prospective outpatient payment percentage for SFY 2019 for the out-of-state hospitals is 27%.

Outpatient Hospital Fee Schedule

The Outpatient Hospital Fee Schedule for the Outpatient Surgical Procedure Rates will be listed with the Laboratory and Radiology fee schedules available at: https://dss.mo.gov/mhd/providers/fee-for-service-providers.htm, under Fee Schedules & Rate Lists.

Data to Assess Access: FFS Network Access Report

When reviewing the outpatient hospital services program for network adequacy, the following data sources and descriptions apply for the 2017 and 2018 population. The data includes the enrolled bordering states outpatient hospital providers.

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

Description

The FFS Network Access Reports include the following programs:

1. Outpatient hospitals

This report is divided into categories containing the following columns:

- County – Names all Missouri Counties and St. Louis City
- Total Population – Number of residents per county
- Eligibles- MO HealthNet Population, 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 – Percentage of Medicaid participants with "provider type" within "x" miles. This is not limited by county, if there are 0 providers in particular county, members may still have an available provider within the distance standard in a nearby county.

When appropriate, distance standards were applied consistent with 20 CSR 400-7.095, which are used for MO HealthNet's Managed Care plans. The three distance columns on the report indicate Urban (closest), Basic (middle), and Rural (furthest). This FFS report was not grouped into regions; therefore, it reports percentages for all three county classifications. The FFS program does not have a distance standard requirement.

FFS Network Adequacy – Outpatient Hospital Services -2017

Demographics					Outpatient Hospitals 2017				
MO County or State	Total Population	MO HealthNet Population	% 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
Arkansas	N/A	N/A	N/A	N/A	41	N/A	N/A	N/A	N/A
Iowa	N/A	N/A	N/A	N/A	53	N/A	N/A	N/A	N/A
Illinois	N/A	N/A	N/A	N/A	89	N/A	N/A	N/A	N/A
Kansas	N/A	N/A	N/A	N/A	51	N/A	N/A	N/A	N/A
Kentucky	N/A	N/A	N/A	N/A	18	N/A	N/A	N/A	N/A
Mississippi	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A
Nebraska	N/A	N/A	N/A	N/A	36	N/A	N/A	N/A	N/A
Oklahoma	N/A	N/A	N/A	N/A	25	N/A	N/A	N/A	N/A
Tennessee	N/A	N/A	N/A	N/A	43	N/A	N/A	N/A	N/A
Adair	25,602	1,636	6.4%	R	1	1636:1	96.1	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0		97.8	100.0	100.0
Atchison	5,382	336	6.2%	R	1	336:1	91.4	100.0	100.0
Audrain	25,887	1,860	7.2%	R	1	1860:1	80.9	100.0	100.0
Barry	35,662	3,686	10.3%	R	3	1229:1	93.4	100.0	100.0
Barton	12,057	839	7.0%	R	1	839:1	80.8	100.0	100.0
Bates	16,584	1,059	6.4%	R	1	1059:1	95.6	100.0	100.0
Benton	18,806	1,715	9.1%	R	0		77.5	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0		83.3	100.0	100.0
Boone	172,717	7,012	4.1%	B	5	1402:1	92.8	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	2	2734:1	98.2	100.0	100.0
Butler	42,972	4,893	11.4%	R	2	2447:1	93.4	100.0	100.0
Caldwell	9,034	513	5.7%	R	0		78.4	100.0	100.0
Callaway	44,750	2,288	5.1%	R	1	2288:1	92.7	100.0	100.0
Camden	44,021	2,110	4.8%	R	2	1055:1	96.1	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	2	2154:1	96.8	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	98.3	100.0	100.0
Carter	6,258	830	13.3%	R	0		0.0	100.0	100.0
Cass	100,889	3,613	3.6%	B	2	1807:1	97.6	100.0	100.0
Cedar	13,952	1,380	9.9%	R	1	1380:1	93.8	100.0	100.0
Chariton	7,694	645	8.4%	R	0		84.8	100.0	100.0
Christian	82,101	3,522	4.3%	B	0		97.4	100.0	100.0
Clark	6,917	382	5.5%	R	0		33.0	100.0	100.0
Clay	233,682	7,795	3.3%	B	6	1299:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0		95.9	100.0	100.0
Cole	76,557	3,578	4.7%	B	2	1789:1	95.2	100.0	100.0
Cooper	17,585	1,064	6.1%	R	2	532:1	90.1	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0		92.8	100.0	100.0
Dade	7,628	552	7.2%	R	0		94.4	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0		81.9	100.0	100.0
Daviess	8,297	451	5.4%	R	0		97.3	100.0	100.0
DeKalb	12,692	841	6.6%	R	2	421:1	94.9	100.0	100.0
Dent	15,655	1,527	9.8%	R	1	1527:1	86.1	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0		17.5	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	2	2192:1	97.3	100.0	100.0

FFS Network Adequacy – Outpatient Hospital Services -2017

Demographics					Outpatient Hospitals 2017				
MO County or State	Total Population	MO HealthNet Population	% 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
Franklin	102,084	5,445	5.3%	B	2	2723:1	55.1	100.0	100.0
Gasconade	14,866	950	6.4%	R	1	950:1	89.7	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	76.8	100.0	100.0
Greene	285,865	17,632	6.2%	U	8	2204:1	99.5	100.0	100.0
Grundy	10,197	747	7.3%	R	1	747:1	89.4	100.0	100.0
Harrison	8,639	654	7.6%	R	1	654:1	95.7	100.0	100.0
Henry	22,028	1,945	8.8%	R	2	973:1	87.6	100.0	100.0
Hickory	9,219	707	7.7%	R	0		15.8	100.0	100.0
Holt	4,516	237	5.2%	R	0		100.0	100.0	100.0
Howard	10,159	721	7.1%	R	0		87.0	100.0	100.0
Howell	40,173	4,233	10.5%	R	2	2117:1	87.6	100.0	100.0
Iron	10,267	1,297	12.6%	R	0		65.7	93.0	100.0
Jackson	683,191	39,120	5.7%	U	15	2608:1	99.9	100.0	100.0
Jasper	117,543	6,762	5.8%	B	1	6762:1	94.5	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	1	8948:1	89.2	100.0	100.0
Johnson	54,362	1,813	3.3%	R	1	1813:1	94.0	100.0	100.0
Knox	4,000	239	6.0%	R	0		92.5	100.0	100.0
Laclede	35,439	2,947	8.3%	R	1	2947:1	89.9	99.7	100.0
Lafayette	32,688	1,758	5.4%	R	1	1758:1	96.5	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	0		95.9	100.0	100.0
Lewis	10,138	605	6.0%	R	0		94.5	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	1	2774:1	93.7	100.0	100.0
Linn	12,311	777	6.3%	R	1	777:1	87.1	100.0	100.0
Livingston	15,053	995	6.6%	R	1	995:1	92.5	100.0	100.0
Macon	15,479	1,019	6.6%	R	1	1019:1	87.3	100.0	100.0
Madison	12,368	1,246	10.1%	R	1	1246:1	80.3	100.0	100.0
Maries	9,013	428	4.7%	R	0		94.4	100.0	100.0
Marion	28,920	2,595	9.0%	R	1	2595:1	97.9	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0		93.9	100.0	100.0
Mercer	3,719	216	5.8%	R	0		95.4	100.0	100.0
Miller	25,141	1,851	7.4%	R	0		96.5	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0		100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	0		37.5	100.0	100.0
Monroe	8,707	331	3.8%	R	0		83.7	100.0	100.0
Montgomery	11,841	852	7.2%	R	0		84.5	100.0	100.0
Morgan	20,240	1,814	9.0%	R	0		94.5	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0		98.0	100.0	100.0
Newton	58,598	4,852	8.3%	B	4	1213:1	91.3	100.0	100.0
Nodaway	23,081	884	3.8%	R	1	884:1	84.3	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0		46.2	100.0	100.0
Osage	13,703	426	3.1%	R	0		8.0	100.0	100.0
Ozark	9,492	796	8.4%	R	0		73.7	100.0	100.0

FFS Network Adequacy – Outpatient Hospital Services -2017

Demographics					Outpatient Hospitals 2017				
MO County or State	Total Population	MO HealthNet Population	% 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
Pemiscot	17,650	2,551	14.5%	R	1	2551:1	100.0	100.0	100.0
Perry	19,202	1,094	5.7%	R	1	1094:1	89.4	100.0	100.0
Pettis	42,225	3,067	7.3%	R	1	3067:1	94.2	100.0	100.0
Phelps	44,847	3,019	6.7%	R	1	3019:1	95.2	100.0	100.0
Pike	18,541	1,114	6.0%	R	1	1114:1	94.5	100.0	100.0
Platte	94,788	2,175	2.3%	B	2	1088:1	95.4	100.0	100.0
Polk	31,054	2,299	7.4%	R	1	2299:1	96.3	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	0		97.8	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	76.7	100.0	100.0
Ralls	10,255	650	6.3%	R	0		82.6	100.0	100.0
Randolph	25,072	1,948	7.8%	R	1	1948:1	93.4	100.0	100.0
Ray	22,949	1,044	4.5%	R	1	1044:1	97.7	100.0	100.0
Reynolds	6,565	621	9.5%	R	0		5.3	60.5	100.0
Ripley	13,969	1,826	13.1%	R	1	1826:1	87.5	100.0	100.0
Saline	23,347	1,603	6.9%	R	2	802:1	96.9	100.0	100.0
Schuyler	4,370	296	6.8%	R	0		100.0	100.0	100.0
Scotland	4,863	224	4.6%	R	1	224:1	100.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	1	4380:1	93.4	100.0	100.0
Shannon	8,329	882	10.6%	R	0		95.0	100.0	100.0
Shelby	6,108	419	6.9%	R	0		61.8	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	6	1514:1	99.7	100.0	100.0
St. Clair	9,457	717	7.6%	R	1	717:1	96.0	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	2	3037:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	19.2%	U	20	2608:1	99.9	100.0	100.0
St. Louis City	317,419	39,585	8.0%	U	12	3299:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	1	884:1	92.6	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	1	3054:1	98.9	100.0	100.0
Stone	31,104	1,633	5.3%	R	0		97.1	100.0	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	87.1	100.0	100.0
Taney	54,230	3,530	6.5%	R	1	3530:1	98.2	100.0	100.0
Texas	25,642	2,073	8.1%	R	1	2073:1	83.4	99.5	100.0
Vernon	21,001	1,672	8.0%	R	2	836:1	84.7	100.0	100.0
Warren	33,253	1,574	4.7%	R	0		98.7	100.0	100.0
Washington	25,077	2,632	10.5%	R	1	2632:1	85.5	100.0	100.0
Wayne	13,452	1,785	13.3%	R	0		75.5	100.0	100.0
Webster	36,888	2,495	6.8%	R	0		97.3	100.0	100.0
Worth	2,073	127	6.1%	R	0		85.0	100.0	100.0
Wright	18,291	2,195	12.0%	R	0		91.3	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	**6.0%**		**512**		**94.2**	**99.9**	**100.0**

FFS Network Adequacy – Outpatient Hospital Services -2018

Demographics					Outpatient Hospital 2018				
MO County or State	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
Arkansas	N/A	N/A	N/A	N/A	40	N/A	N/A	N/A	N/A
Iowa	N/A	N/A	N/A	N/A	50	N/A	N/A	N/A	N/A
Illinois	N/A	N/A	N/A	N/A	93	N/A	N/A	N/A	N/A
Kansas	N/A	N/A	N/A	N/A	51	N/A	N/A	N/A	N/A
Kentucky	N/A	N/A	N/A	N/A	18	N/A	N/A	N/A	N/A
Mississippi	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A
Nebraska	N/A	N/A	N/A	N/A	34	N/A	N/A	N/A	N/A
Oklahoma	N/A	N/A	N/A	N/A	25	N/A	N/A	N/A	N/A
Tennessee	N/A	N/A	N/A	N/A	42	N/A	N/A	N/A	N/A
Adair	25,377	1,604	15.8	R	1	1604:1	96.2	100.0	100.0
Andrew	17,555	1,313	13.4	R	0		98.1	100.0	100.0
Atchison	5,275	324	16.3	R	1	324:1	92.0	100.0	100.0
Audrain	25,641	1,850	13.9	R	1	1850:1	81.1	100.0	100.0
Barry	35,668	3,616	9.9	R	3	1205:1	93.3	100.0	100.0
Barton	11,850	821	14.4	R	1	821:1	79.8	100.0	100.0
Bates	16,334	1,029	15.9	R	1	1029:1	95.8	100.0	100.0
Benton	19,074	1,718	11.1	R	0		76.8	100.0	100.0
Bollinger	12,306	973	12.6	R	0		80.7	100.0	100.0
Boone	178,271	6,960	25.6	B	5	1392:1	92.9	100.0	100.0
Buchanan	89,065	5,321	16.7	B	2	2661:1	98.2	100.0	100.0
Butler	42,666	4,807	8.9	R	2	2404:1	92.0	100.0	100.0
Caldwell	9,100	503	18.1	R	0		79.3	100.0	100.0
Callaway	45,632	2,238	20.4	R	1	2238:1	92.4	100.0	100.0
Camden	78,161	2,090	37.4	R	2	1045:1	96.2	100.0	100.0
Cape Girardeau	78,161	4,321	18.1	B	2	2161:1	96.7	100.0	100.0
Carroll	8,796	607	14.5	R	1	607:1	98.5	100.0	100.0
Carter	6,169	815	7.6	R	0		16.0	100.0	100.0
Cass	103,724	3,554	29.2	B	2	1777:1	97.5	100.0	100.0
Cedar	14,073	1,325	10.6	R	1	1325:1	94.3	100.0	100.0
Chariton	7,480	625	12.0	R	0		84.5	100.0	100.0
Christian	85,432	3,550	24.1	B	0		97.0	100.0	100.0
Clark	6,723	376	17.9	R	0		33.2	100.0	100.0
Clay	242,874	7,686	31.6	B	7	1098:1	100.0	100.0	100.0
Clinton	20,554	532	38.6	R	0		96.1	100.0	100.0
Cole	76,708	3,514	21.8	B	2	1757:1	95.3	100.0	100.0
Cooper	17,644	1,056	16.7	R	2	528:1	90.4	100.0	100.0
Crawford	24,102	1,884	12.8	R	0		92.8	100.0	100.0
Dade	7,588	545	13.9	R	0		95.6	100.0	100.0
Dallas	16,673	1,337	12.5	R	0		81.2	100.0	100.0
Daviess	8,361	451	18.5	R	0		98.2	100.0	100.0
DeKalb	12,588	812	15.5	R	2	406:1	95.2	100.0	100.0
Dent	15,480	1,495	10.4	R	1	1495:1	85.6	100.0	100.0
Douglas	13,300	1,071	12.4	R	0		17.6	100.0	100.0

FFS Network Adequacy – Outpatient Hospital Services -2018

Demographics					Outpatient Hospital 2018				
MO County or State	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
Dunklin	30,119	4,316	7.0	R	2	2158:1	97.3	100.0	100.0
Franklin	103,330	5,438	19.0	B	2	2719:1	55.6	100.0	100.0
Gasconade	14,726	941	15.6	R	1	941:1	89.5	100.0	100.0
Gentry	6,665	434	15.4	R	1	434:1	76.7	100.0	100.0
Greene	289,805	17,374	16.7	U	8	2172:1	99.5	100.0	100.0
Grundy	9,949	788	12.6	R	1	788:1	90.1	100.0	100.0
Harrison	8,524	628	13.6	R	1	628:1	95.4	100.0	100.0
Henry	21,718	1,930	11.3	R	2	965:1	89.3	100.0	100.0
Hickory	9,475	697	13.6	R	0		16.1	100.0	100.0
Holt	4,413	246	17.9	R	0		100.0	100.0	100.0
Howard	10,139	701	14.5	R	0		87.3	100.0	100.0
Howell	40,103	4,230	9.5	R	2	2115:1	89.6	100.0	100.0
Iron	10,226	1,285	8.0	R	0		67.3	93.1	100.0
Jackson	698,895	38,520	18.1	U	15	2568:1	99.9	100.0	100.0
Jasper	120,217	6,708	17.9	B	1	6708:1	94.5	100.0	100.0
Jefferson	223,810	8,763	25.5	B	1	8763:1	79.6	100.0	100.0
Johnson	53,897	1,834	29.4	R	1	1834:1	94.4	100.0	100.0
Knox	3,977	242	16.4	R	0		90.9	100.0	100.0
Laclede	35,443	2,956	12.0	R	1	2956:1	92.4	99.7	100.0
Lafayette	32,641	1,740	18.8	R	1	1740:1	96.5	100.0	100.0
Lawrence	38,434	1,456	26.4	R	0		96.2	100.0	100.0
Lewis	9,967	576	17.3	R	0		94.8	100.0	100.0
Lincoln	56,183	2,714	20.7	R	1	2714:1	93.8	100.0	100.0
Linn	12,194	752	16.2	R	1	752:1	86.6	100.0	100.0
Livingston	15,173	1,033	14.7	R	1	1033:1	92.4	100.0	100.0
Macon	15,251	967	15.8	R	1	967:1	88.0	100.0	100.0
Madison	12,243	1,239	9.9	R	1	1239:1	80.7	100.0	100.0
Maries	8,867	414	21.4	R	0		94.0	100.0	100.0
Marion	28,634	2,530	11.3	R	1	2530:1	97.9	100.0	100.0
McDonald	22,828	1,562	14.6	R	0		93.7	100.0	100.0
Mercer	3,678	220	16.7	R	0		94.1	100.0	100.0
Miller	25,228	1,786	14.1	R	0		96.4	100.0	100.0
Mississippi	13,586	1,652	8.2	R	0		100.0	100.0	100.0
Moniteau	16,063	695	23.1	R	0		36.0	100.0	100.0
Monroe	8,612	309	27.9	R	0		81.6	100.0	100.0
Montgomery	11,438	826	13.8	R	0		85.4	100.0	100.0
Morgan	20,145	1,777	11.3	R	0		94.4	100.0	100.0
New Madrid	17,582	1,962	9.0	R	0		98.3	100.0	100.0
Newton	58,290	4,873	12.0	B	4	1218:1	91.5	100.0	100.0
Nodaway	22,472	891	25.2	R	1	891:1	87.1	100.0	100.0
Oregon	10,558	1,250	8.4	R	0		92.4	100.0	100.0
Osage	13,662	436	31.3	R	0		7.6	100.0	100.0
Ozark	9,186	754	12.2	R	0		74.1	100.0	100.0

FFS Network Adequacy – Outpatient Hospital Services -2018

Demographics					Outpatient Hospital 2018				
MO County or State	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
Pemiscot	16,826	2,472	6.8	R	1	2472:1	100.0	100.0	100.0
Perry	19,225	1,066	18.0	R	1	1066:1	90.1	100.0	100.0
Pettis	42,558	3,055	13.9	R	1	3055:1	93.9	100.0	100.0
Phelps	44,744	2,975	15.0	R	1	2975:1	94.9	100.0	100.0
Pike	18,567	1,100	16.9	R	1	1100:1	95.2	100.0	100.0
Platte	101,187	2,165	46.7	B	2	1083:1	95.5	100.0	100.0
Polk	31,794	2,267	14.0	R	1	2267:1	96.3	100.0	100.0
Pulaski	52,059	2,283	22.8	R	0		97.9	100.0	100.0
Putnam	4,811	345	13.9	R	1	345:1	76.2	100.0	100.0
Ralls	10,224	651	15.7	R	0		86.3	100.0	100.0
Randolph	24,945	1,914	13.0	R	1	1914:1	92.8	100.0	100.0
Ray	22,855	1,016	22.5	R	1	1016:1	97.7	100.0	100.0
Reynolds	6,275	612	10.3	R	0		5.4	60.6	100.0
Ripley	13,564	1,817	7.5	R	1	1817:1	76.4	100.0	100.0
Saline	22,660	1,546	14.7	R	2	773:1	97.3	100.0	100.0
Schuyler	4,508	281	16.0	R	0		100.0	100.0	100.0
Scotland	4,963	231	21.5	R	1	231:1	100.0	100.0	100.0
Scott	38,541	4,299	9.0	R	1	4299:1	93.5	100.0	100.0
Shannon	8,249	883	9.3	R	0		95.2	100.0	100.0
Shelby	6,021	426	14.1	R	0		63.4	100.0	100.0
St. Charles	395,504	9,015	43.9	U	6	1503:1	99.7	100.0	100.0
St. Clair	9,362	715	13.1	R	1	715:1	95.9	100.0	100.0
St. Francois	66,705	5,949	11.2	B	2	2975:1	100.0	100.0	100.0
St. Louis Co.	996,726	50,625	19.7	U	21	2411:1	99.9	100.0	100.0
St. Louis City	308,626	37,869	8.1	U	12	3156:1	100.0	100.0	100.0
Ste. Genevieve	17,843	882	20.2	R	1	882:1	92.7	100.0	100.0
Stoddard	29,369	2,952	9.9	R	1	2952:1	99.5	100.0	100.0
Stone	31,699	1,607	19.7	R	0		96.8	100.0	100.0
Sullivan	6,229	446	14.0	R	1	446:1	88.3	100.0	100.0
Taney	55,355	3,467	16.0	R	1	3467:1	98.0	100.0	100.0
Texas	25,735	2,054	12.5	R	1	2054:1	83.5	99.5	100.0
Vernon	20,437	1,644	12.4	R	2	822:1	84.6	100.0	100.0
Warren	34,373	1,534	22.4	R	0		98.8	100.0	100.0
Washington	25,022	2,574	9.7	R	1	2574:1	85.9	100.0	100.0
Wayne	13,296	1,752	7.6	R	0		75.5	100.0	100.0
Webster	38,665	2,481	15.6	R	0		97.9	100.0	100.0
Worth	2,057	129	15.9	R	0		86.8	100.0	100.0
Wright	18,331	2,143	8.6	R	0		91.3	100.0	100.0
TOTAL:	**6,146,661**	**360,410**	**5.9%**		**511**		**94.2**	**99.9**	**100.0**

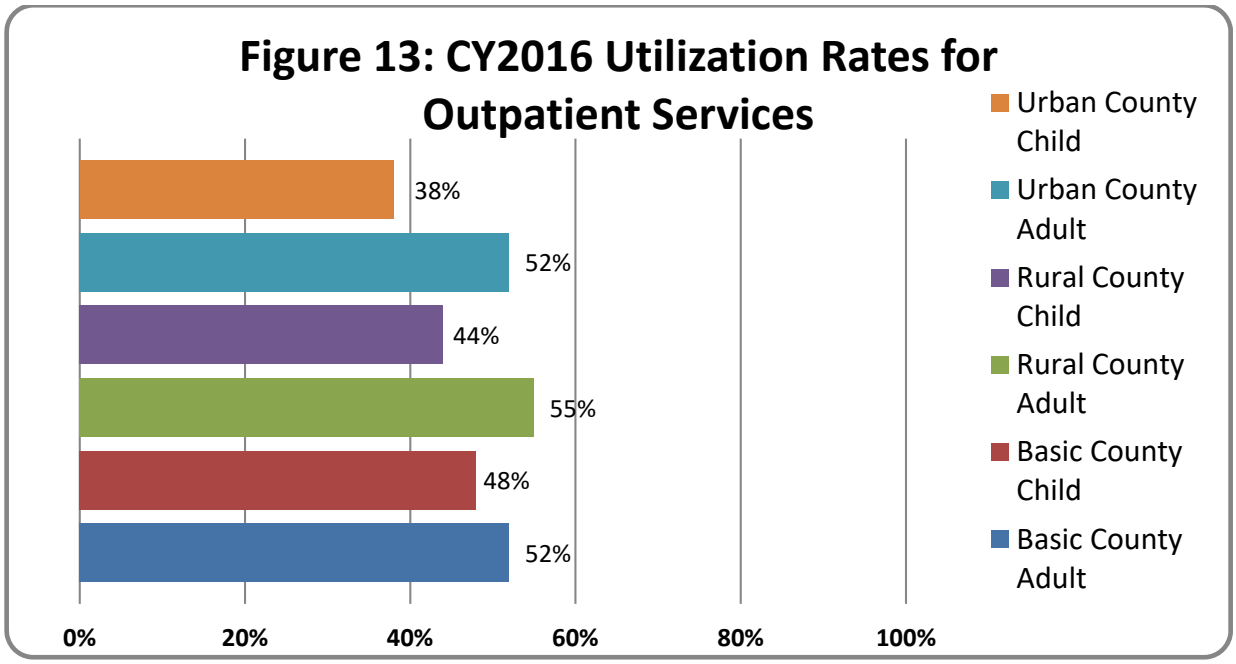
Utilization Data to Assess Access: Fee-for-service Utilization Review

The MHD performed a utilization review of FFS participants accessing provider services by county type (urban, basic and rural) in Missouri during CY2016. (Utilization for CY2017 will be added when available)

Areas of review include:

1. Outpatient services, including those by an outpatient hospital.
2. Outpatient surgical services, including those provided by an outpatient hospital.
   a. The outpatient surgical procedure codes shown on page 92 were the only codes included for the utilization review.
3. Telehealth services, including those provided by an outpatient hospital.
   a. The utilization for outpatient services included all services received in the outpatient hospital.
4. Radiology services performed in the outpatient hospitals.
   a. Only the outpatient hospitals billing the radiology technical component.

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 older.



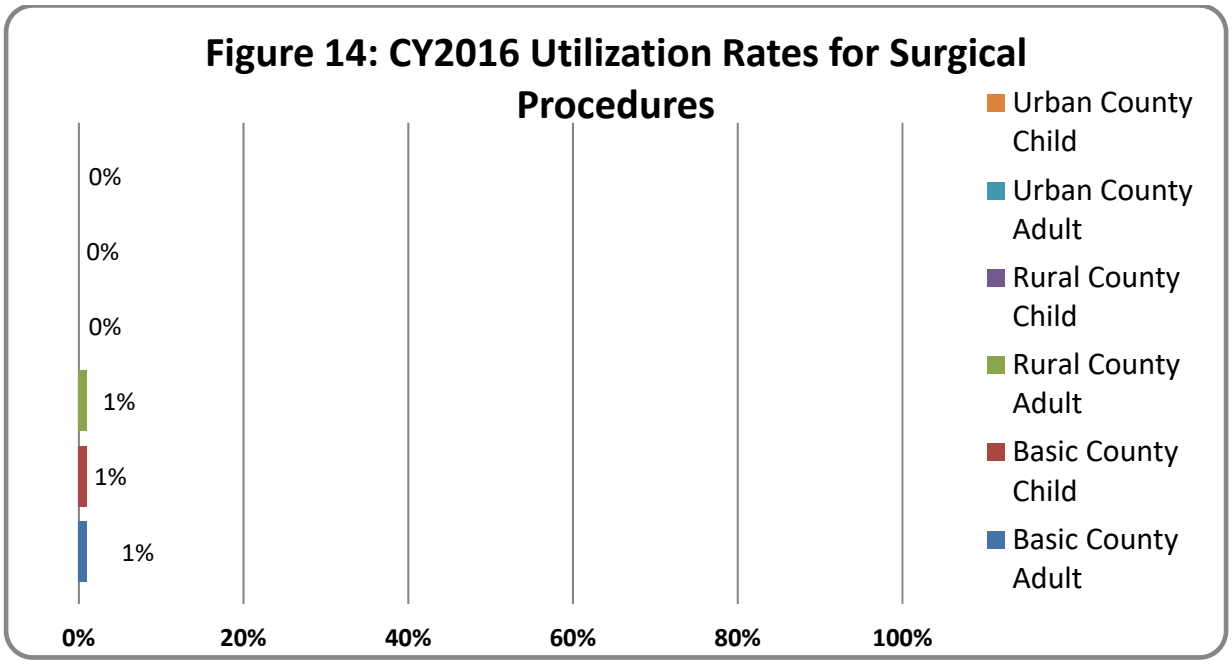


Figure 14: CY2016 Utilization Rates for Surgical Procedures
0%
0%
0%
1%
1%
1%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

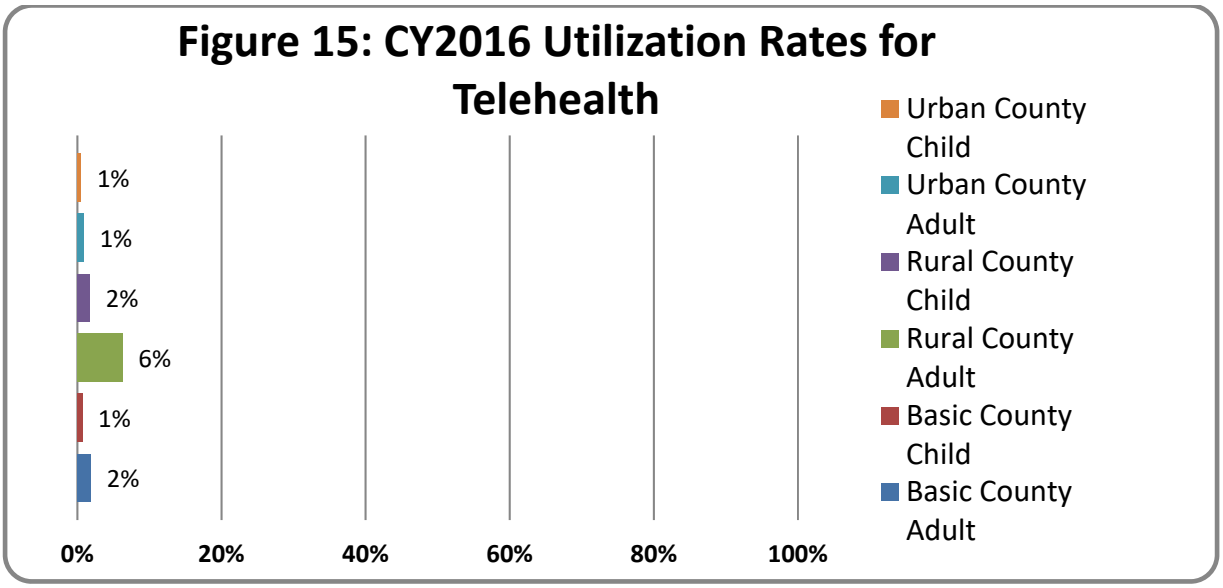


Figure 15: CY2016 Utilization Rates for Telehealth
1%
1%
2%
6%
1%
2%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

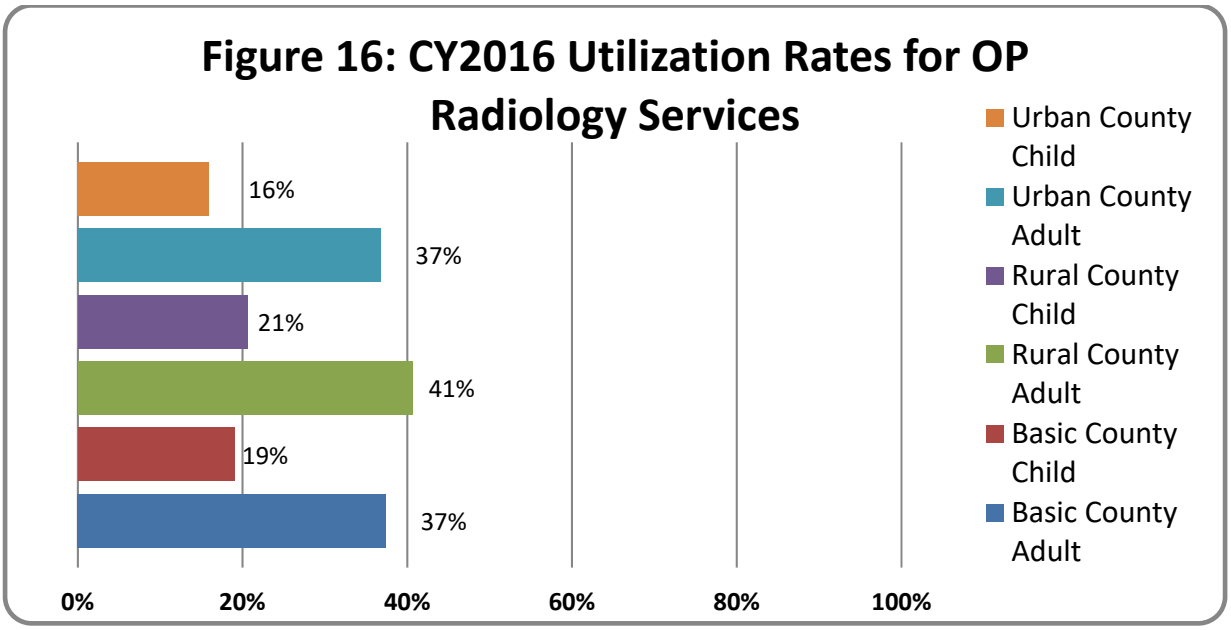


Figure 16: CY2016 Utilization Rates for OP Radiology Services
16%
37%
21%
41%
19%
37%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

Data to Assess Access: FFS Network Access Report

The data sources for each program are shown below. When reviewing each program for network adequacy, the following data sources and descriptions apply for the 2016, 2017, and 2018 (where updated) population.

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 – Managed Care Contract Data Analysis was performed using Optum's Geo Networks software

Description

The FFS Network Access Reports include the following programs:

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, Radiology, and podiatry
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

The reports are divided into categories containing the following columns:

- County – Names all Missouri Counties and St. Louis City
- Total Population – Number of residents per county
- Eligibles – MO HealthNet population, 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– Percentage of Medicaid participants with "provider type" within "x" miles. This is not limited by county, if there are 0 providers in particular county, members may still have an available provider within the distance standard in a nearby county

Description- 2018 Data

This report is divided into categories containing the following columns:

- County – Names all Missouri Counties and St. Louis City
- Total Population – Number of residents per county
- MO HealthNet Population – Total Medicaid participants per county

- Eligible Population- Medicaid participants eligible for the specific services/program 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 Eligible for NF Services to Medicaid Provider Ratio
- Distance Columns – Percentage of Medicaid participants with "provider type" within "x" miles. This is not limited by county, if there are 0 providers in particular county, members may still have an available provider within the distance standard in a nearby county

When appropriate, distance standards were applied consistent with 20 CSR 400-7.095, which are used for MO HealthNet's Managed Care plans. 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), and 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 grouped into regions; therefore, it reports percentages for all three county classifications. The FFS program does not have a distance standard requirement. There are certain services in which it is not applicable to apply distance standards due to the services being performed in the home or the location of the provider is not relevant to the participant traveling to such location. The services in which the participant would not necessarily travel to access services include:

- Home Health Services
- Private Duty Nursing Services
- Laboratory or Radiology services

Note: The Home Health 2016 data was updated to reflect the appropriate Home Health providers enrolled with MO HealthNet to provide services to MO HealthNet participants.

The FFS Adequacy data for 2018 was updated to demonstrate the population eligible for services. In the 2018 data, the column showing "MO HealthNet Population" demonstrates the total MO HealthNet (Medicaid) population per county. It does not demonstrate those persons who could be eligible for services. The column showing "Eligible Population" demonstrates the number of MO HealthNet participants who could be eligible for services in that category. This does not demonstrate the current population receiving services. "Eligible Population" reflects the number of MO HealthNet participants who could be assessed for services. This data more appropriately exhibits the actual MO HealthNet population that could request services based on their category of assistance. This provides a more precise analysis of access to services.

FFS Network Adequacy - Primary Care Services (Primary Care Providers)-2016

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	25,602	4,947	19.3%	R	77	64:1	100.0%	100.0%	100.0%
Andrew	17,379	4,822	27.7%	R	20	241:1	96.3%	100.0%	100.0%
Atchison	5,382	924	17.2%	R	10	92:1	92.9%	100.0%	100.0%
Audrain	25,887	6,299	24.3%	R	53	119:1	94.0%	100.0%	100.0%
Barry	35,662	13,341	37.4%	R	68	196:1	90.5%	100.0%	100.0%
Barton	12,057	2,869	23.8%	R	16	179:1	75.7%	100.0%	100.0%
Bates	16,584	3,391	20.4%	R	32	106:1	90.0%	100.0%	100.0%
Benton	18,806	4,790	25.5%	R	26	184:1	93.1%	100.0%	100.0%
Bollinger	12,394	3,195	25.8%	R	3	1065:1	74.5%	100.0%	100.0%
Boone	172,717	22,941	13.3%	B	685	33:1	98.8%	100.0%	100.0%
Buchanan	89,486	18,459	20.6%	B	199	93:1	98.1%	100.0%	100.0%
Butler	42,972	13,648	31.8%	R	132	103:1	90.9%	100.0%	100.0%
Caldwell	9,034	1,693	18.7%	R	6	282:1	70.9%	100.0%	100.0%
Callaway	44,750	7,644	17.1%	R	66	116:1	95.3%	100.0%	100.0%
Camden	44,021	7,510	17.1%	R	106	71:1	94.6%	100.0%	100.0%
Cape Girardeau	78,043	14,234	18.2%	B	266	54:1	97.3%	100.0%	100.0%
Carroll	9,043	1,865	20.6%	R	18	104:1	90.0%	100.0%	100.0%
Carter	6,258	2,185	34.9%	R	21	104:1	60.4%	100.0%	100.0%
Cass	100,889	15,118	15.0%	B	138	110:1	99.0%	100.0%	100.0%
Cedar	13,952	4,299	30.8%	R	15	287:1	91.2%	100.0%	100.0%
Chariton	7,694	2,018	26.2%	R	11	183:1	88.8%	100.0%	100.0%
Christian	82,101	14,800	18.0%	B	60	247:1	96.3%	100.0%	100.0%
Clark	6,917	1,365	19.7%	R	4	341:1	79.3%	100.0%	100.0%
Clay	233,682	30,763	13.2%	B	403	76:1	100.0%	100.0%	100.0%
Clinton	20,299	2,120	10.4%	R	6	353:1	92.6%	100.0%	100.0%
Cole	76,557	12,634	16.5%	B	195	65:1	95.6%	100.0%	100.0%
Cooper	17,585	3,333	19.0%	R	56	60:1	79.8%	100.0%	100.0%
Crawford	24,650	6,103	24.8%	R	17	359:1	89.4%	100.0%	100.0%
Dade	7,628	1,881	24.7%	R	5	376:1	80.0%	100.0%	100.0%
Dallas	16,389	3,891	23.7%	R	5	778:1	72.2%	100.0%	100.0%
Daviess	8,297	1,725	20.8%	R	2	863:1	81.6%	100.0%	100.0%
DeKalb	12,692	2,922	23.0%	R	34	86:1	95.8%	100.0%	100.0%
Dent	15,655	4,321	27.6%	R	10	432:1	83.3%	100.0%	100.0%
Douglas	13,546	3,386	25.0%	R	7	484:1	86.7%	100.0%	100.0%
Dunklin	31,344	12,438	39.7%	R	50	249:1	84.3%	94.7%	100.0%
Franklin	102,084	19,871	19.5%	B	213	93:1	99.0%	100.0%	100.0%
Gasconade	14,866	3,112	20.9%	R	24	130:1	86.0%	100.0%	100.0%
Gentry	6,826	1,515	22.2%	R	18	84:1	72.5%	100.0%	100.0%
Greene	285,865	57,947	20.3%	U	822	70:1	98.5%	100.0%	100.0%
Grundy	10,197	2,279	22.3%	R	38	60:1	87.5%	100.0%	100.0%
Harrison	8,639	2,178	25.2%	R	35	62:1	78.2%	99.9%	100.0%
Henry	22,028	5,609	25.5%	R	61	92:1	85.8%	100.0%	100.0%
Hickory	9,219	1,917	20.8%	R	5	383:1	91.9%	100.0%	100.0%
Holt	4,516	796	17.6%	R	7	114:1	84.4%	100.0%	100.0%

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
Howard	10,159	2,195	21.6%	R	9	244:1	80.0%	100.0%	100.0%
Howell	40,173	12,761	31.8%	R	102	125:1	87.0%	100.0%	100.0%
Iron	10,267	3,399	33.1%	R	48	71:1	84.1%	100.0%	100.0%
Jackson	683,191	147,751	21.6%	U	2,236	66:1	100.0%	100.0%	100.0%
Jasper	117,543	24,278	20.7%	B	83	293:1	97.5%	100.0%	100.0%
Jefferson	222,716	30,761	13.8%	B	224	137:1	99.7%	100.0%	100.0%
Johnson	54,362	6,748	12.4%	R	107	63:1	92.6%	100.0%	100.0%
Knox	4,000	807	20.2%	R	5	161:1	79.3%	100.0%	100.0%
Laclede	35,439	9,941	28.1%	R	41	242:1	90.7%	98.5%	100.0%
Lafayette	32,688	6,297	19.3%	R	84	75:1	99.2%	100.0%	100.0%
Lawrence	38,023	5,472	14.4%	R	11	497:1	93.6%	100.0%	100.0%
Lewis	10,138	1,745	17.2%	R	4	436:1	85.3%	100.0%	100.0%
Lincoln	54,249	9,810	18.1%	R	56	175:1	93.3%	100.0%	100.0%
Linn	12,311	2,131	17.3%	R	15	142:1	86.8%	100.0%	100.0%
Livingston	15,053	2,945	19.6%	R	55	54:1	87.2%	100.0%	100.0%
Macon	15,479	3,096	20.0%	R	42	74:1	84.4%	100.0%	100.0%
Madison	12,368	3,644	29.5%	R	14	260:1	78.0%	100.0%	100.0%
Maries	9,013	1,381	15.3%	R	4	345:1	92.6%	100.0%	100.0%
Marion	28,920	7,115	24.6%	R	79	90:1	96.6%	100.0%	100.0%
McDonald	22,800	6,626	29.1%	R	12	552:1	88.7%	100.0%	100.0%
Mercer	3,719	722	19.4%	R	8	90:1	82.0%	100.0%	100.0%
Miller	25,141	6,281	25.0%	R	48	131:1	92.6%	100.0%	100.0%
Mississippi	14,232	4,705	33.1%	R	4	1176:1	99.9%	100.0%	100.0%
Moniteau	15,856	2,600	16.4%	R	11	236:1	97.8%	100.0%	100.0%
Monroe	8,707	977	11.2%	R	2	489:1	66.1%	100.0%	100.0%
Montgomery	11,841	2,713	22.9%	R	4	678:1	80.1%	100.0%	100.0%
Morgan	20,240	5,158	25.5%	R	35	147:1	96.8%	100.0%	100.0%
New Madrid	18,272	5,771	31.6%	R	12	481:1	92.6%	100.0%	100.0%
Newton	58,598	17,745	30.3%	B	390	46:1	97.3%	100.0%	100.0%
Nodaway	23,081	2,662	11.5%	R	34	78:1	63.7%	99.5%	100.0%
Oregon	10,911	3,634	33.3%	R	4	909:1	85.0%	100.0%	100.0%
Osage	13,703	1,413	10.3%	R	15	94:1	91.4%	100.0%	100.0%
Ozark	9,492	2,429	25.6%	R	3	810:1	66.2%	94.9%	100.0%
Pemiscot	17,650	7,173	40.6%	R	13	552:1	93.4%	100.0%	100.0%
Perry	19,202	3,669	19.1%	R	28	131:1	93.8%	100.0%	100.0%
Pettis	42,225	10,827	25.6%	R	70	155:1	94.8%	100.0%	100.0%
Phelps	44,847	9,505	21.2%	R	91	104:1	93.2%	100.0%	100.0%
Pike	18,541	3,395	18.3%	R	25	136:1	85.7%	100.0%	100.0%
Platte	94,788	9,061	9.6%	B	146	62:1	98.5%	100.0%	100.0%
Polk	31,054	7,867	25.3%	R	58	136:1	92.5%	100.0%	100.0%
Pulaski	53,436	8,076	15.1%	R	29	278:1	94.4%	100.0%	100.0%
Putnam	4,829	1,082	22.4%	R	16	68:1	60.1%	100.0%	100.0%
Ralls	10,255	2,006	19.6%	R	12	167:1	89.0%	100.0%	100.0%
Randolph	25,072	5,833	23.3%	R	63	93:1	94.3%	100.0%	100.0%

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
Ray	22,949	3,522	15.3%	R	18	196:1	90.7%	100.0%	100.0%
Reynolds	6,565	1,798	27.4%	R	26	69:1	66.0%	100.0%	100.0%
Ripley	13,969	4,979	35.6%	R	47	106:1	96.0%	99.6%	100.0%
Saline	23,347	5,057	21.7%	R	54	94:1	84.8%	100.0%	100.0%
Schuyler	4,370	955	21.9%	R	3	318:1	88.5%	100.0%	100.0%
Scotland	4,863	822	16.9%	R	21	39:1	71.9%	100.0%	100.0%
Scott	38,903	12,455	32.0%	R	70	178:1	100.0%	100.0%	100.0%
Shannon	8,329	2,337	28.1%	R	8	292:1	21.0%	100.0%	100.0%
Shelby	6,108	1,543	25.3%	R	2	772:1	88.3%	100.0%	100.0%
St. Charles	379,493	33,082	8.7%	U	814	41:1	99.8%	100.0%	100.0%
St. Clair	9,457	2,123	22.4%	R	24	88:1	78.1%	100.0%	100.0%
St. Francois	65,960	16,584	25.1%	B	185	90:1	97.0%	100.0%	100.0%
St. Louis City	317,419	100,441	31.6%	U	2,867	35:1	100.0%	100.0%	100.0%
St. Louis Co.	1,001,876	156,695	15.6%	U	1,802	87:1	100.0%	100.0%	100.0%
Ste. Genevieve	17,914	2,803	15.6%	R	35	80:1	82.6%	100.0%	100.0%
Stoddard	29,867	8,421	28.2%	R	88	96:1	96.4%	100.0%	100.0%
Stone	31,104	5,756	18.5%	R	12	480:1	92.9%	100.0%	100.0%
Sullivan	6,411	1,529	23.8%	R	9	170:1	84.6%	100.0%	100.0%
Taney	54,230	13,078	24.1%	R	197	66:1	99.3%	100.0%	100.0%
Texas	25,642	6,584	25.7%	R	31	212:1	89.1%	99.1%	100.0%
Vernon	21,001	5,049	24.0%	R	42	120:1	87.1%	100.0%	100.0%
Warren	33,253	6,188	18.6%	R	26	238:1	98.8%	100.0%	100.0%
Washington	25,077	7,202	28.7%	R	18	400:1	70.9%	100.0%	100.0%
Wayne	13,452	4,681	34.8%	R	23	204:1	90.9%	100.0%	100.0%
Webster	36,888	9,281	25.2%	R	21	442:1	92.8%	100.0%	100.0%
Worth	2,073	431	20.8%	R	4	108:1	79.4%	100.0%	100.0%
Wright	18,291	6,926	37.9%	R	13	533:1	87.9%	100.0%	100.0%
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**14,857**		**95.6%**	**99.9%**	**100.0%**

FFS Network Adequacy - Primary Care Services (Primary Care Providers)-2017

Demographics					Primary Care				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Adair	25,602	1,636	6.4%	R	77	21:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	20	65:1	96.7	100.0	100.0
Atchison	5,382	336	6.2%	R	10	34:1	93.5	100.0	100.0
Audrain	25,887	1,860	7.2%	R	53	35:1	94.2	100.0	100.0
Barry	35,662	3,686	10.3%	R	68	54:1	90.9	100.0	100.0
Barton	12,057	839	7.0%	R	16	52:1	75.2	100.0	100.0
Bates	16,584	1,059	6.4%	R	32	33:1	90.9	100.0	100.0
Benton	18,806	1,715	9.1%	R	26	66:1	93.2	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	3	338:1	79.7	100.0	100.0
Boone	172,717	7,012	4.1%	B	685	10:1	99.1	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	199	27:1	98.3	100.0	100.0
Butler	42,972	4,893	11.4%	R	132	37:1	91.6	100.0	100.0
Caldwell	9,034	513	5.7%	R	6	86:1	73.1	100.0	100.0
Callaway	44,750	2,288	5.1%	R	66	35:1	95.8	100.0	100.0
Camden	44,021	2,110	4.8%	R	106	20:1	94.7	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	266	16:1	98.1	100.0	100.0
Carroll	9,043	592	6.5%	R	18	33:1	88.7	100.0	100.0
Carter	6,258	830	13.3%	R	21	40:1	63.3	100.0	100.0
Cass	100,889	3,613	3.6%	B	138	26:1	99.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	15	92:1	90.4	100.0	100.0
Chariton	7,694	645	8.4%	R	11	59:1	90.5	100.0	100.0
Christian	82,101	3,522	4.3%	B	60	59:1	96.3	100.0	100.0
Clark	6,917	382	5.5%	R	4	96:1	77.7	100.0	100.0
Clay	233,682	7,795	3.3%	B	403	19:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	6	93:1	92.3	100.0	100.0
Cole	76,557	3,578	4.7%	B	195	18:1	96.0	100.0	100.0
Cooper	17,585	1,064	6.1%	R	56	19:1	80.8	100.0	100.0
Crawford	24,650	1,910	7.7%	R	17	112:1	89.2	100.0	100.0
Dade	7,628	552	7.2%	R	5	110:1	83.0	100.0	100.0
Dallas	16,389	1,339	8.2%	R	5	268:1	74.2	100.0	100.0
Daviess	8,297	451	5.4%	R	2	226:1	83.4	100.0	100.0
DeKalb	12,692	841	6.6%	R	34	25:1	95.4	100.0	100.0
Dent	15,655	1,527	9.8%	R	10	153:1	83.2	100.0	100.0
Douglas	13,546	1,057	7.8%	R	7	151:1	88.6	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	50	88:1	85.6	95.1	100.0
Franklin	102,084	5,445	5.3%	B	213	26:1	99.0	100.0	100.0
Gasconade	14,866	950	6.4%	R	24	40:1	85.3	100.0	100.0
Gentry	6,826	436	6.4%	R	18	24:1	78.4	100.0	100.0
Greene	285,865	17,632	6.2%	U	822	21:1	98.8	100.0	100.0
Grundy	10,197	747	7.3%	R	38	20:1	88.2	100.0	100.0
Harrison	8,639	654	7.6%	R	35	19:1	77.8	99.8	100.0
Henry	22,028	1,945	8.8%	R	61	32:1	86.5	100.0	100.0
Hickory	9,219	707	7.7%	R	5	141:1	93.9	100.0	100.0
Holt	4,516	237	5.2%	R	7	34:1	85.7	100.0	100.0
Howard	10,159	721	7.1%	R	9	80:1	78.2	100.0	100.0
Howell	40,173	4,233	10.5%	R	102	42:1	87.5	100.0	100.0
Iron	10,267	1,297	12.6%	R	48	27:1	81.6	100.0	100.0
Jackson	683,191	39,120	5.7%	U	2,236	17:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	83	81:1	98.2	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	224	40:1	99.6	100.0	100.0

Demographics					Primary Care				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
Johnson	54,362	1,813	3.3%	R	107	17:1	92.6	100.0	100.0
Knox	4,000	239	6.0%	R	5	48:1	76.6	100.0	100.0
Laclede	35,439	2,947	8.3%	R	41	72:1	90.8	98.7	100.0
Lafayette	32,688	1,758	5.4%	R	84	21:1	99.2	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	11	131:1	94.4	100.0	100.0
Lewis	10,138	605	6.0%	R	4	151:1	87.4	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	56	50:1	92.1	100.0	100.0
Linn	12,311	777	6.3%	R	15	52:1	86.9	100.0	100.0
Livingston	15,053	995	6.6%	R	55	18:1	89.0	100.0	100.0
Macon	15,479	1,019	6.6%	R	42	24:1	85.3	100.0	100.0
Madison	12,368	1,246	10.1%	R	14	89:1	77.4	100.0	100.0
Maries	9,013	428	4.7%	R	4	107:1	93.9	100.0	100.0
Marion	28,920	2,595	9.0%	R	79	33:1	97.3	100.0	100.0
McDonald	22,800	1,668	7.3%	R	12	139:1	89.1	100.0	100.0
Mercer	3,719	216	5.8%	R	8	27:1	86.1	100.0	100.0
Miller	25,141	1,851	7.4%	R	48	39:1	90.6	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	4	429:1	100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	11	62:1	98.5	100.0	100.0
Monroe	8,707	331	3.8%	R	2	166:1	71.3	100.0	100.0
Montgomery	11,841	852	7.2%	R	4	213:1	82.5	100.0	100.0
Morgan	20,240	1,814	9.0%	R	35	52:1	97.3	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	12	173:1	92.2	100.0	100.0
Newton	58,598	4,852	8.3%	B	390	12:1	97.2	100.0	100.0
Nodaway	23,081	884	3.8%	R	34	26:1	65.7	99.5	100.0
Oregon	10,911	1,260	11.5%	R	4	315:1	86.1	100.0	100.0
Osage	13,703	426	3.1%	R	15	28:1	93.0	100.0	100.0
Ozark	9,492	796	8.4%	R	3	265:1	70.5	95.2	100.0
Pemiscot	17,650	2,551	14.5%	R	13	196:1	93.6	100.0	100.0
Perry	19,202	1,094	5.7%	R	28	39:1	93.5	100.0	100.0
Pettis	42,225	3,067	7.3%	R	70	44:1	95.3	100.0	100.0
Phelps	44,847	3,019	6.7%	R	91	33:1	93.1	100.0	100.0
Pike	18,541	1,114	6.0%	R	25	45:1	85.4	100.0	100.0
Platte	94,788	2,175	2.3%	B	146	15:1	98.5	100.0	100.0
Polk	31,054	2,299	7.4%	R	58	40:1	93.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	29	78:1	94.7	100.0	100.0
Putnam	4,829	365	7.6%	R	16	23:1	59.5	100.0	100.0
Ralls	10,255	650	6.3%	R	12	54:1	88.9	100.0	100.0
Randolph	25,072	1,948	7.8%	R	63	31:1	95.4	100.0	100.0
Ray	22,949	1,044	4.5%	R	18	58:1	91.3	100.0	100.0
Reynolds	6,565	621	9.5%	R	26	24:1	67.5	100.0	100.0
Ripley	13,969	1,826	13.1%	R	47	39:1	96.8	99.7	100.0
Saline	23,347	1,603	6.9%	R	54	30:1	86.3	100.0	100.0
Schuyler	4,370	296	6.8%	R	3	99:1	87.8	100.0	100.0
Scotland	4,863	224	4.6%	R	21	11:1	76.8	100.0	100.0
Scott	38,903	4,380	11.3%	R	70	63:1	100.0	100.0	100.0
Shannon	8,329	882	10.6%	R	8	110:1	20.1	100.0	100.0
Shelby	6,108	419	6.9%	R	2	210:1	87.4	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	814	11:1	99.8	100.0	100.0
St. Clair	9,457	717	7.6%	R	24	30:1	78.8	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	185	33:1	96.6	100.0	100.0

Demographics					Primary Care				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Providers	Ratio	Distance 1 provider within 10 miles Urban	Distance 1 provider within 20 miles Basic	Distance 1 provider within 30 miles Rural
St. Louis Co.	1,001,876	52,150	5.2%	U	2,867	18:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	1,802	22:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	35	25:1	82.2	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	88	35:1	96.7	100.0	100.0
Stone	31,104	1,633	5.3%	R	12	136:1	93.0	100.0	100.0
Sullivan	6,411	474	7.4%	R	9	53:1	83.1	100.0	100.0
Taney	54,230	3,530	6.5%	R	197	18:1	99.2	100.0	100.0
Texas	25,642	2,073	8.1%	R	31	67:1	90.2	99.1	100.0
Vernon	21,001	1,672	8.0%	R	42	40:1	88.2	100.0	100.0
Warren	33,253	1,574	4.7%	R	26	61:1	98.7	100.0	100.0
Washington	25,077	2,632	10.5%	R	18	146:1	72.5	100.0	100.0
Wayne	13,452	1,785	13.3%	R	23	78:1	91.7	100.0	100.0
Webster	36,888	2,495	6.8%	R	21	119:1	92.7	100.0	100.0
Worth	2,073	127	6.1%	R	4	32:1	81.1	100.0	100.0
Wright	18,291	2,195	12.0%	R	13	169:1	88.4	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**14,857**	25:1	**95.6**	**99.9**	**100.0**

FFS Network Adequacy - Primary Care Services (Federally Qualified Health Centers)-2016

Demographics					FQHC				
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 30 miles
Adair	25,602	4,947	19.3%	R	5	989:1	90.3	100.0	100.0
Andrew	17,379	4,822	27.7%	R	3	1607:1	93.9	100.0	100.0
Atchison	5,382	924	17.2%	R	0		0.0	11.7	75.0
Audrain	25,887	6,299	24.3%	R	1	6299:1	57.2	82.6	100.0
Barry	35,662	13,341	37.4%	R	0		3.1	56.4	92.6
Barton	12,057	2,869	23.8%	R	1	2869:1	68.1	96.8	100.0
Bates	16,584	3,391	20.4%	R	2	1696:1	70.4	100.0	100.0
Benton	18,806	4,790	25.5%	R	1	4790:1	58.2	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	2	1598:1	67.0	94.6	100.0
Boone	172,717	22,941	13.3%	B	4	5735:1	87.9	99.3	100.0
Buchanan	89,486	18,459	20.6%	B	5	3692:1	97.1	99.5	100.0
Butler	42,972	13,648	31.8%	R	2	6824:1	80.4	99.5	100.0
Caldwell	9,034	1,693	18.7%	R	3	564:1	70.9	100.0	100.0
Callaway	44,750	7,644	17.1%	R	1	7644:1	57.8	99.8	100.0
Camden	44,021	7,510	17.1%	R	2	3755:1	73.9	98.4	100.0
Cape Girardeau	78,043	14,234	18.2%	B	2	7117:1	69.3	98.3	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	68.0	93.5	100.0
Carter	6,258	2,185	34.9%	R	1	2185:1	12.1	74.9	100.0
Cass	100,889	15,118	15.0%	B	1	15118:1	54.5	82.4	99.5
Cedar	13,952	4,299	30.8%	R	1	4299:1	54.9	77.1	100.0
Chariton	7,694	2,018	26.2%	R	3	673:1	65.1	96.1	100.0
Christian	82,101	14,800	18.0%	B	0		11.6	94.7	100.0
Clark	6,917	1,365	19.7%	R	1	1365:1	79.3	100.0	100.0
Clay	233,682	30,763	13.2%	B	1	30763:1	84.3	99.9	100.0
Clinton	20,299	2,120	10.4%	R	0		0.0	29.7	100.0
Cole	76,557	12,634	16.5%	B	1	12634:1	80.5	99.1	100.0
Cooper	17,585	3,333	19.0%	R	0		0.0	29.1	100.0
Crawford	24,650	6,103	24.8%	R	0		1.7	10.6	76.4
Dade	7,628	1,881	24.7%	R	0		0.0	13.3	100.0
Dallas	16,389	3,891	23.7%	R	1	3891:1	23.7	96.3	100.0
Daviess	8,297	1,725	20.8%	R	0		0.0	68.3	100.0
DeKalb	12,692	2,922	23.0%	R	0		3.4	94.5	100.0
Dent	15,655	4,321	27.6%	R	0		1.9	9.9	96.6
Douglas	13,546	3,386	25.0%	R	1	3386:1	73.7	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	1	12438:1	62.7	93.5	100.0
Franklin	102,084	19,871	19.5%	B	3	6624:1	46.4	82.2	100.0
Gasconade	14,866	3,112	20.9%	R	0		0.0	19.3	94.7
Gentry	6,826	1,515	22.2%	R	1	1515:1	22.1	50.1	100.0
Greene	285,865	57,947	20.3%	U	3	19316:1	90.9	99.6	100.0
Grundy	10,197	2,279	22.3%	R	0		0.0	6.6	40.2
Harrison	8,639	2,178	25.2%	R	0		10.0	24.1	100.0
Henry	22,028	5,609	25.5%	R	1	5609:1	58.1	85.2	100.0
Hickory	9,219	1,917	20.8%	R	2	959:1	65.7	100.0	100.0
Holt	4,516	796	17.6%	R	1	796:1	47.7	100.0	100.0

Demographics					FQHC				
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 30 miles
Howard	10,159	2,195	21.6%	R	0		1.9	37.5	100.0
Howell	40,173	12,761	31.8%	R	1	12761:1	51.7	89.3	100.0
Iron	10,267	3,399	33.1%	R	3	1133:1	83.6	100.0	100.0
Jackson	683,191	147,751	21.6%	U	11	13432:1	95.6	100.0	100.0
Jasper	117,543	24,278	20.7%	B	3	8093:1	58.0	96.0	100.0
Jefferson	222,716	30,761	13.8%	B	6	5127:1	85.3	100.0	100.0
Knox	4,000	807	20.2%	R	1	807:1	74.5	95.2	100.0
Laclede	35,439	9,941	28.1%	R	1	9941:1	75.2	97.7	100.0
Lafayette	32,688	6,297	19.3%	R	5	1259:1	69.8	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	1	5472:1	41.9	98.0	100.0
Lewis	10,138	1,745	17.2%	R	0		0.0	16.6	95.2
Lincoln	54,249	9,810	18.1%	R	0		0.9	67.9	94.6
Linn	12,311	2,131	17.3%	R	0		26.0	91.8	100.0
Livingston	15,053	2,945	19.6%	R	0		2.3	11.5	94.8
Macon	15,479	3,096	20.0%	R	2	1548:1	59.1	99.5	100.0
Madison	12,368	3,644	29.5%	R	0		0.0	39.4	100.0
Maries	9,013	1,381	15.3%	R	0		2.5	64.6	100.0
Marion	28,920	7,115	24.6%	R	1	7115:1	81.7	95.6	100.0
McDonald	22,800	6,626	29.1%	R	2	3313:1	45.6	95.2	100.0
Mercer	3,719	722	19.4%	R	1	722:1	15.4	100.0	100.0
Miller	25,141	6,281	25.0%	R	0		29.6	93.3	100.0
Mississippi	14,232	4,705	33.1%	R	1	4705:1	51.4	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	1	2600:1	63.3	100.0	100.0
Monroe	8,707	977	11.2%	R	0		0.0	7.5	73.2
Montgomery	11,841	2,713	22.9%	R	0		0.0	22.5	98.3
Morgan	20,240	5,158	25.5%	R	2	2579:1	54.1	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	4	1443:1	54.2	100.0	100.0
Newton	58,598	17,745	30.3%	B	1	17745:1	78.6	99.1	100.0
Nodaway	23,081	2,662	11.5%	R	0		0.0	10.7	77.0
Oregon	10,911	3,634	33.3%	R	1	3634:1	45.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	1	1413:1	64.0	95.0	100.0
Ozark	9,492	2,429	25.6%	R	1	2429:1	45.8	88.3	100.0
Pemiscot	17,650	7,173	40.6%	R	2	3587:1	72.1	100.0	100.0
Perry	19,202	3,669	19.1%	R	2	1835:1	79.5	97.2	100.0
Pettis	42,225	10,827	25.6%	R	2	5414:1	81.9	100.0	100.0
Phelps	44,847	9,505	21.2%	R	2	4753:1	70.1	96.3	99.8
Pike	18,541	3,395	18.3%	R	0		0.0	3.3	12.6
Platte	94,788	9,061	9.6%	B	1	9061:1	75.9	94.0	100.0
Polk	31,054	7,867	25.3%	R	1	7867:1	60.9	88.1	100.0
Pulaski	53,436	8,076	15.1%	R	1	8076:1	18.8	97.2	100.0
Putnam	4,829	1,082	22.4%	R	0		0.0	3.6	97.2
Ralls	10,255	2,006	19.6%	R	0		16.9	54.4	100.0
Randolph	25,072	5,833	23.3%	R	0		1.2	61.9	100.0

Demographics					FQHC				
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 30 miles
Reynolds	6,565	1,798	27.4%	R	2	899:1	44.3	91.4	100.0
Ripley	13,969	4,979	35.6%	R	1	4979:1	23.3	95.9	100.0
Saline	23,347	5,057	21.7%	R	1	5057:1	76.6	100.0	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	56.9	100.0
Scott	38,903	12,455	32.0%	R	3	4152:1	90.5	100.0	100.0
Shannon	8,329	2,337	28.1%	R	1	2337:1	21.0	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		0.0	27.9	97.9
St. Charles	379,493	33,082	8.7%	U	2	16541:1	94.3	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	1	2123:1	50.6	89.9	100.0
St. Francois	65,960	16,584	25.1%	B	1	16584:1	60.6	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	15	6696:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	2	78348:1	95.6	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	0		4.4	51.2	100.0
Stoddard	29,867	8,421	28.2%	R	3	2807:1	44.4	92.1	100.0
Stone	31,104	5,756	18.5%	R	1	5756:1	52.6	95.1	100.0
Sullivan	6,411	1,529	23.8%	R	1	1529:1	61.3	93.7	100.0
Taney	54,230	13,078	24.1%	R	2	6539:1	95.8	99.6	100.0
Texas	25,642	6,584	25.7%	R	1	6584:1	24.2	44.5	79.7
Vernon	21,001	5,049	24.0%	R	0		0.7	57.2	98.9
Warren	33,253	6,188	18.6%	R	1	6188:1	75.2	99.6	100.0
Washington	25,077	7,202	28.7%	R	1	7202:1	63.2	98.8	100.0
Wayne	13,452	4,681	34.8%	R	1	4681:1	27.6	100.0	100.0
Webster	36,888	9,281	25.2%	R	2	4641:1	68.1	100.0	100.0
Worth	2,073	431	20.8%	R	0		0.0	0.0	8.8
Wright	18,291	6,926	37.9%	R	2	3463:1	70.0	97.9	100.0
TOTAL:	**6,009,227**	**1,180,879**	**19.6%**		**163**		**72.6**	**92.4**	**99.1**

FFS Network Adequacy - Primary Care Services (Federally Qualified Health Centers)-2017

Demographics					FQHC				
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 30 miles
Adair	25,602	1,636	6.4%	R	5	327:1	91.4	100.0	100.0
Andrew	17,379	1,299	7.5%	R	3	433:1	94.8	100.0	100.0
Atchison	5,382	336	6.2%	R	0	0	0.0	8.3	76.2
Audrain	25,887	1,860	7.2%	R	1	1860:1	59.4	82.6	100.0
Barry	35,662	3,686	10.3%	R	0	0	3.2	55.3	92.9
Barton	12,057	839	7.0%	R	1	839:1	66.9	95.9	100.0
Bates	16,584	1,059	6.4%	R	2	530:1	72.6	100.0	100.0
Benton	18,806	1,715	9.1%	R	1	1715:1	61.0	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	2	508:1	70.0	96.4	100.0
Boone	172,717	7,012	4.1%	B	4	1753:1	88.9	99.3	100.0
Buchanan	89,486	5,467	6.1%	B	5	1093:1	97.5	99.5	100.0
Butler	42,972	4,893	11.4%	R	2	2447:1	81.2	99.5	100.0
Caldwell	9,034	513	5.7%	R	3	171:1	73.1	100.0	100.0
Callaway	44,750	2,288	5.1%	R	1	2288:1	60.6	99.9	100.0
Camden	44,021	2,110	4.8%	R	2	1055:1	74.9	98.3	100.0
Cape Girardeau	78,043	4,307	5.5%	B	2	2154:1	71.7	98.6	100.0
Carroll	9,043	592	6.5%	R	1	592:1	72.5	95.4	100.0
Carter	6,258	830	13.3%	R	1	830:1	13.6	76.5	100.0
Cass	100,889	3,613	3.6%	B	1	3613:1	50.4	80.6	99.5
Cedar	13,952	1,380	9.9%	R	1	1380:1	53.3	75.7	100.0
Chariton	7,694	645	8.4%	R	3	215:1	64.8	95.2	100.0
Christian	82,101	3,522	4.3%	B	0	0	10.8	94.2	100.0
Clark	6,917	382	5.5%	R	1	382:1	77.7	100.0	100.0
Clay	233,682	7,795	3.3%	B	1	7795:1	83.2	99.9	100.0
Clinton	20,299	558	2.7%	R	0	0	0.0	30.1	100.0
Cole	76,557	3,578	4.7%	B	1	3578:1	80.0	99.3	100.0
Cooper	17,585	1,064	6.1%	R	0	0	0.0	29.8	100.0
Crawford	24,650	1,910	7.7%	R	0	0	1.7	11.0	77.0
Dade	7,628	552	7.2%	R	0	0	0.0	12.7	100.0
Dallas	16,389	1,339	8.2%	R	1	1339:1	22.6	96.0	100.0
Daviess	8,297	451	5.4%	R	0	0	0.0	69.2	100.0
DeKalb	12,692	841	6.6%	R	0	0	3.2	93.3	100.0
Dent	15,655	1,527	9.8%	R	0	0	2.0	9.7	96.6
Douglas	13,546	1,057	7.8%	R	1	1057:1	75.2	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	1	4384:1	64.8	94.0	100.0
Franklin	102,084	5,445	5.3%	B	3	1815:1	45.6	80.1	100.0
Gasconade	14,866	950	6.4%	R	0	0	0.0	19.1	94.9
Gentry	6,826	436	6.4%	R	1	436:1	20.9	43.1	100.0
Greene	285,865	17,632	6.2%	U	3	5877:1	92.8	99.7	100.0
Grundy	10,197	747	7.3%	R	0	0	0.0	5.9	39.5
Harrison	8,639	654	7.6%	R	0	0	9.6	23.2	100.0
Henry	22,028	1,945	8.8%	R	1	1945:1	60.7	85.9	100.0
Hickory	9,219	707	7.7%	R	2	354:1	66.3	100.0	100.0
Holt	4,516	237	5.2%	R	1	237:1	47.3	100.0	100.0
Howard	10,159	721	7.1%	R	0	0	1.5	34.8	100.0
Howell	40,173	4,233	10.5%	R	1	4233:1	53.4	88.4	100.0
Iron	10,267	1,297	12.6%	R	3	432:1	81.5	100.0	100.0
Jackson	683,191	39,120	5.7%	U	11	3556:1	96.4	100.0	100.0
Jasper	117,543	6,762	5.8%	B	3	2254:1	63.1	96.6	100.0
Jefferson	222,716	8,948	4.0%	B	6	1491:1	84.0	100.0	100.0

Demographics					FQHC				
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 30 miles
Johnson	54,362	1,813	3.3%	R	0	0	0.0	30.1	100.0
Knox	4,000	239	6.0%	R	1	239:1	72.0	95.4	100.0
Laclede	35,439	2,947	8.3%	R	1	2947:1	76.2	98.0	100.0
Lafayette	32,688	1,758	5.4%	R	5	352:1	69.1	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	1	1446:1	44.5	98.0	100.0
Lewis	10,138	605	6.0%	R	0	0	0.0	17.2	95.9
Lincoln	54,249	2,774	5.1%	R	0	0	0.8	65.7	93.8
Linn	12,311	777	6.3%	R	0	0	26.6	93.8	100.0
Livingston	15,053	995	6.6%	R	0	0	1.6	9.5	95.5
Macon	15,479	1,019	6.6%	R	2	510:1	63.0	99.4	100.0
Madison	12,368	1,246	10.1%	R	0	0	0.0	39.7	100.0
Maries	9,013	428	4.7%	R	0	0	2.3	65.2	100.0
Marion	28,920	2,595	9.0%	R	1	2595:1	85.0	96.6	100.0
McDonald	22,800	1,668	7.3%	R	2	834:1	50.5	95.0	100.0
Mercer	3,719	216	5.8%	R	1	216:1	8.3	100.0	100.0
Miller	25,141	1,851	7.4%	R	0	0	26.0	93.6	100.0
Mississippi	14,232	1,717	12.1%	R	1	1717:1	53.2	100.0	100.0
Moniteau	15,856	680	4.3%	R	1	680:1	61.9	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	0.0	7.6	76.7
Montgomery	11,841	852	7.2%	R	0	0	0.0	25.1	98.7
Morgan	20,240	1,814	9.0%	R	2	907:1	53.8	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	4	520:1	54.2	100.0	100.0
Newton	58,598	4,852	8.3%	B	1	4852:1	79.9	99.3	100.0
Nodaway	23,081	884	3.8%	R	0	0	0.0	9.7	77.8
Oregon	10,911	1,260	11.5%	R	1	1260:1	41.8	100.0	100.0
Osage	13,703	426	3.1%	R	1	426:1	68.1	96.9	100.0
Ozark	9,492	796	8.4%	R	1	796:1	48.9	90.3	100.0
Pemiscot	17,650	2,551	14.5%	R	2	1276:1	71.5	100.0	100.0
Perry	19,202	1,094	5.7%	R	2	547:1	80.5	97.8	100.0
Pettis	42,225	3,067	7.3%	R	2	1534:1	84.1	100.0	100.0
Phelps	44,847	3,019	6.7%	R	2	1510:1	72.7	96.2	99.8
Pike	18,541	1,114	6.0%	R	0	0	0.0	3.7	12.5
Platte	94,788	2,175	2.3%	B	1	2175:1	70.4	93.0	100.0
Polk	31,054	2,299	7.4%	R	1	2299:1	60.8	85.3	100.0
Pulaski	53,436	2,275	4.3%	R	1	2275:1	18.9	97.4	100.0
Putnam	4,829	365	7.6%	R	0	0	0.0	4.9	98.9
Ralls	10,255	650	6.3%	R	0	0	18.3	56.0	100.0
Randolph	25,072	1,948	7.8%	R	0	0	1.1	61.9	100.0
Ray	22,949	1,044	4.5%	R	0	0	12.0	80.6	100.0
Reynolds	6,565	621	9.5%	R	2	311:1	45.6	92.6	100.0
Ripley	13,969	1,826	13.1%	R	1	1826:1	22.0	96.7	100.0
Saline	23,347	1,603	6.9%	R	1	1603:1	79.0	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	0.0	36.1	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	54.0	100.0
Scott	38,903	4,380	11.3%	R	3	1460:1	90.4	100.0	100.0
Shannon	8,329	882	10.6%	R	1	882:1	20.1	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	0.0	28.9	98.1
St. Charles	379,493	9,085	2.4%	U	2	4543:1	94.8	100.0	100.0
St. Clair	9,457	717	7.6%	R	1	717:1	55.0	91.1	100.0
St. Francois	65,960	6,074	9.2%	B	1	6074:1	63.4	100.0	100.0

Demographics					FQHC				
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 30 miles
St. Louis Co.	1,001,876	52,150	5.2%	U	2	26075:1	94.8	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	15	2639:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	0	0	4.5	50.6	100.0
Stoddard	29,867	3,054	10.2%	R	3	1018:1	44.4	92.4	100.0
Stone	31,104	1,633	5.3%	R	1	1633:1	52.4	95.1	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	57.8	94.5	100.0
Taney	54,230	3,530	6.5%	R	2	1765:1	95.9	99.6	100.0
Texas	25,642	2,073	8.1%	R	1	2073:1	23.4	44.9	80.3
Vernon	21,001	1,672	8.0%	R	0	0	0.6	55.1	98.6
Warren	33,253	1,574	4.7%	R	1	1574:1	76.1	99.6	100.0
Washington	25,077	2,632	10.5%	R	1	2632:1	65.2	98.9	100.0
Wayne	13,452	1,785	13.3%	R	1	1785:1	25.4	100.0	100.0
Webster	36,888	2,495	6.8%	R	2	1248:1	70.1	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	0.0	0.0	7.1
Wright	18,291	2,195	12.0%	R	2	1098:1	69.7	97.7	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**163**	2255:1	**73.3**	**92.4**	**99.1**

FFS Network Adequacy - Primary Care Services (Rural Health Clinics)-2016

Demographics					RHC				
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 30 miles
Adair	25,602	4,947	19.3%	R	2	2474:1	83.5	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		0.0	15.4	98.9
Atchison	5,382	924	17.2%	R	0		0.0	0.0	20.0
Audrain	25,887	6,299	24.3%	R	6	1050:1	94.0	100.0	100.0
Barry	35,662	13,341	37.4%	R	9	1482:1	87.8	100.0	100.0
Barton	12,057	2,869	23.8%	R	2	1435:1	88.5	100.0	100.0
Bates	16,584	3,391	20.4%	R	5	678:1	88.9	100.0	100.0
Benton	18,806	4,790	25.5%	R	2	2395:1	59.6	90.1	100.0
Bollinger	12,394	3,195	25.8%	R	1	3195:1	67.0	100.0	100.0
Boone	172,717	22,941	13.3%	B	1	22941:1	12.7	92.8	100.0
Buchanan	89,486	18,459	20.6%	B	0		0.4	75.5	99.1
Butler	42,972	13,648	31.8%	R	10	1365:1	83.4	99.6	100.0
Caldwell	9,034	1,693	18.7%	R	2	847:1	73.8	100.0	100.0
Callaway	44,750	7,644	17.1%	R	2	3822:1	56.3	87.5	100.0
Camden	44,021	7,510	17.1%	R	3	2503:1	91.4	100.0	100.0
Cape Girardea	78,043	14,234	18.2%	B	11	1294:1	93.5	100.0	100.0
Carroll	9,043	1,865	20.6%	R	4	466:1	96.4	100.0	100.0
Carter	6,258	2,185	34.9%	R	1	2185:1	12.1	100.0	100.0
Cass	100,889	15,118	15.0%	B	4	3780:1	42.9	100.0	100.0
Cedar	13,952	4,299	30.8%	R	3	1433:1	88.8	100.0	100.0
Chariton	7,694	2,018	26.2%	R	2	1009:1	66.4	100.0	100.0
Christian	82,101	14,800	18.0%	B	3	4933:1	94.0	100.0	100.0
Clark	6,917	1,365	19.7%	R	1	1365:1	19.2	100.0	100.0
Clay	233,682	30,763	13.2%	B	0		0.3	16.9	83.3
Clinton	20,299	2,120	10.4%	R	3	707:1	63.6	100.0	100.0
Cole	76,557	12,634	16.5%	B	0		0.0	5.0	97.9
Cooper	17,585	3,333	19.0%	R	2	1667:1	83.3	100.0	100.0
Crawford	24,650	6,103	24.8%	R	7	872:1	87.7	99.1	100.0
Dade	7,628	1,881	24.7%	R	2	941:1	84.4	100.0	100.0
Dallas	16,389	3,891	23.7%	R	4	973:1	72.2	100.0	100.0
Daviess	8,297	1,725	20.8%	R	4	431:1	90.7	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	1	2922:1	23.8	99.2	100.0
Dent	15,655	4,321	27.6%	R	4	1080:1	82.0	99.1	100.0
Douglas	13,546	3,386	25.0%	R	1	3386:1	13.0	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	9	1382:1	94.9	100.0	100.0
Franklin	102,084	19,871	19.5%	B	3	6624:1	48.8	96.8	100.0
Gasconade	14,866	3,112	20.9%	R	3	1037:1	81.0	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	31.2	100.0	100.0
Greene	285,865	57,947	20.3%	U	4	14487:1	34.8	100.0	100.0
Grundy	10,197	2,279	22.3%	R	2	1140:1	87.5	100.0	100.0
Harrison	8,639	2,178	25.2%	R	3	726:1	74.2	97.3	100.0
Henry	22,028	5,609	25.5%	R	2	2805:1	83.2	100.0	100.0
Hickory	9,219	1,917	20.8%	R	1	1917:1	81.5	100.0	100.0
Holt	4,516	796	17.6%	R	0		0.0	9.4	92.6

Demographics					RHC				
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 30 miles
Howard	10,159	2,195	21.6%	R	1	2195:1	25.9	100.0	100.0
Howell	40,173	12,761	31.8%	R	10	1276:1	81.4	99.7	100.0
Iron	10,267	3,399	33.1%	R	2	1700:1	57.5	89.9	100.0
Jackson	683,191	147,751	21.6%	U	0		1.8	24.1	81.6
Jasper	117,543	24,278	20.7%	B	4	6070:1	47.1	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	2	15381:1	22.9	61.7	100.0
Johnson	54,362	6,748	12.4%	R	5	1350:1	86.3	100.0	100.0
Knox	4,000	807	20.2%	R	2	404:1	90.5	100.0	100.0
Laclede	35,439	9,941	28.1%	R	7	1420:1	84.8	98.5	100.0
Lafayette	32,688	6,297	19.3%	R	5	1259:1	93.1	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	3	1824:1	88.6	100.0	100.0
Lewis	10,138	1,745	17.2%	R	4	436:1	87.1	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	6	1635:1	92.9	100.0	100.0
Linn	12,311	2,131	17.3%	R	2	1066:1	71.5	99.9	100.0
Livingston	15,053	2,945	19.6%	R	1	2945:1	82.6	100.0	100.0
Macon	15,479	3,096	20.0%	R	2	1548:1	80.4	99.3	100.0
Madison	12,368	3,644	29.5%	R	2	1822:1	78.0	97.1	100.0
Maries	9,013	1,381	15.3%	R	2	691:1	86.4	100.0	100.0
Marion	28,920	7,115	24.6%	R	3	2372:1	96.4	100.0	100.0
McDonald	22,800	6,626	29.1%	R	5	1325:1	86.7	100.0	100.0
Mercer	3,719	722	19.4%	R	1	722:1	66.6	100.0	100.0
Miller	25,141	6,281	25.0%	R	4	1570:1	90.8	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	4	1176:1	97.4	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	1	2600:1	29.3	95.2	100.0
Monroe	8,707	977	11.2%	R	2	489:1	67.5	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	4	678:1	65.3	100.0	100.0
Morgan	20,240	5,158	25.5%	R	2	2579:1	86.1	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	4	1443:1	52.9	100.0	100.0
Newton	58,598	17,745	30.3%	B	2	8873:1	37.4	98.9	100.0
Nodaway	23,081	2,662	11.5%	R	2	1331:1	63.9	97.1	100.0
Oregon	10,911	3,634	33.3%	R	2	1817:1	86.9	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		1.3	76.4	100.0
Ozark	9,492	2,429	25.6%	R	2	1215:1	61.8	88.3	100.0
Pemiscot	17,650	7,173	40.6%	R	8	897:1	96.5	100.0	100.0
Perry	19,202	3,669	19.1%	R	5	734:1	81.6	99.4	100.0
Pettis	42,225	10,827	25.6%	R	0		1.7	25.3	100.0
Phelps	44,847	9,505	21.2%	R	6	1584:1	90.3	100.0	100.0
Pike	18,541	3,395	18.3%	R	5	679:1	88.2	100.0	100.0
Platte	94,788	9,061	9.6%	B	0		0.0	3.4	37.7
Polk	31,054	7,867	25.3%	R	9	874:1	91.6	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	4	2019:1	87.5	100.0	100.0
Putnam	4,829	1,082	22.4%	R	1	1082:1	60.1	100.0	100.0
Ralls	10,255	2,006	19.6%	R	2	1003:1	77.4	100.0	100.0
Randolph	25,072	5,833	23.3%	R	2	2917:1	90.5	100.0	100.0

Demographics					RHC				
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 30 miles
Ray	22,949	3,522	15.3%	R	2	1761:1	61.9	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	1	1798:1	41.5	67.2	100.0
Ripley	13,969	4,979	35.6%	R	1	4979:1	72.8	99.2	100.0
Saline	23,347	5,057	21.7%	R	3	1686:1	96.3	100.0	100.0
Schuyler	4,370	955	21.9%	R	1	955:1	87.4	100.0	100.0
Scotland	4,863	822	16.9%	R	1	822:1	86.9	100.0	100.0
Scott	38,903	12,455	32.0%	R	11	1132:1	99.4	100.0	100.0
Shannon	8,329	2,337	28.1%	R	2	1169:1	79.0	100.0	100.0
Shelby	6,108	1,543	25.3%	R	2	772:1	80.7	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	0		1.7	50.8	99.9
St. Clair	9,457	2,123	22.4%	R	4	531:1	77.0	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	4	4146:1	95.4	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	0		0.0	0.0	0.0
St. Louis Co.	1,001,876	156,695	15.6%	U	0		0.0	0.1	10.0
Ste. Genevieve	17,914	2,803	15.6%	R	5	561:1	78.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	11	766:1	94.3	100.0	100.0
Stone	31,104	5,756	18.5%	R	4	1439:1	84.3	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	3	510:1	83.5	100.0	100.0
Taney	54,230	13,078	24.1%	R	8	1635:1	95.5	100.0	100.0
Texas	25,642	6,584	25.7%	R	5	1317:1	87.3	98.6	100.0
Vernon	21,001	5,049	24.0%	R	3	1683:1	87.1	100.0	100.0
Warren	33,253	6,188	18.6%	R	1	6188:1	88.1	100.0	100.0
Washington	25,077	7,202	28.7%	R	6	1200:1	75.5	96.8	100.0
Wayne	13,452	4,681	34.8%	R	2	2341:1	67.9	96.3	100.0
Webster	36,888	9,281	25.2%	R	6	1547:1	92.8	100.0	100.0
Worth	2,073	431	20.8%	R	1	431:1	79.1	100.0	100.0
Wright	18,291	6,926	37.9%	R	7	989:1	87.9	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**364**		**38.8**	**60.5**	**76.4**

FFS Network Adequacy - Primary Care Services (Rural Health Clinics)-2017

Demographics					RHC				
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 30 miles
Adair	25,602	1,636	6.4%	R	2	818:1	85.6	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	0.0	14.5	98.8
Atchison	5,382	336	6.2%	R	0	0	0.0	0.0	16.4
Audrain	25,887	1,860	7.2%	R	6	310:1	94.2	100.0	100.0
Barry	35,662	3,686	10.3%	R	9	410:1	88.4	100.0	100.0
Barton	12,057	839	7.0%	R	2	420:1	87.7	100.0	100.0
Bates	16,584	1,059	6.4%	R	5	212:1	89.6	100.0	100.0
Benton	18,806	1,715	9.1%	R	2	858:1	62.9	91.8	100.0
Bollinger	12,394	1,015	8.2%	R	1	1015:1	70.0	100.0	100.0
Boone	172,717	7,012	4.1%	B	1	7012:1	11.7	93.3	100.0
Buchanan	89,486	5,467	6.1%	B	0	0	0.3	76.3	99.1
Butler	42,972	4,893	11.4%	R	10	489:1	85.0	99.7	100.0
Caldwell	9,034	513	5.7%	R	2	257:1	75.6	100.0	100.0
Callaway	44,750	2,288	5.1%	R	2	1144:1	59.4	88.5	100.0
Camden	44,021	2,110	4.8%	R	3	703:1	91.6	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	11	392:1	94.6	100.0	100.0
Carroll	9,043	592	6.5%	R	4	148:1	95.9	100.0	100.0
Carter	6,258	830	13.3%	R	1	830:1	13.6	100.0	100.0
Cass	100,889	3,613	3.6%	B	4	903:1	47.1	100.0	100.0
Cedar	13,952	1,380	9.9%	R	3	460:1	87.8	100.0	100.0
Chariton	7,694	645	8.4%	R	2	323:1	68.4	100.0	100.0
Christian	82,101	3,522	4.3%	B	3	1174:1	93.9	100.0	100.0
Clark	6,917	382	5.5%	R	1	382:1	19.1	100.0	100.0
Clay	233,682	7,795	3.3%	B	0	0	0.3	18.0	83.8
Clinton	20,299	558	2.7%	R	3	186:1	64.3	100.0	100.0
Cole	76,557	3,578	4.7%	B	0	0	0.0	4.8	98.1
Cooper	17,585	1,064	6.1%	R	2	532:1	83.0	100.0	100.0
Crawford	24,650	1,910	7.7%	R	7	273:1	87.4	99.1	100.0
Dade	7,628	552	7.2%	R	2	276:1	86.6	100.0	100.0
Dallas	16,389	1,339	8.2%	R	4	335:1	74.2	100.0	100.0
Daviess	8,297	451	5.4%	R	4	113:1	92.9	100.0	100.0
DeKalb	12,692	841	6.6%	R	1	841:1	23.5	99.3	100.0
Dent	15,655	1,527	9.8%	R	4	382:1	82.2	99.0	100.0
Douglas	13,546	1,057	7.8%	R	1	1057:1	13.3	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	9	487:1	95.3	100.0	100.0
Franklin	102,084	5,445	5.3%	B	3	1815:1	49.9	97.1	100.0
Gasconade	14,866	950	6.4%	R	3	317:1	80.2	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	25.0	100.0	100.0
Greene	285,865	17,632	6.2%	U	4	4408:1	30.0	100.0	100.0
Grundy	10,197	747	7.3%	R	2	374:1	88.2	100.0	100.0
Harrison	8,639	654	7.6%	R	3	218:1	76.1	97.2	100.0
Henry	22,028	1,945	8.8%	R	2	973:1	83.9	100.0	100.0
Hickory	9,219	707	7.7%	R	1	707:1	82.2	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	0.0	8.0	93.2
Howard	10,159	721	7.1%	R	1	721:1	23.4	100.0	100.0
Howell	40,173	4,233	10.5%	R	10	423:1	82.0	99.7	100.0
Iron	10,267	1,297	12.6%	R	2	649:1	56.9	91.3	100.0

Demographics					RHC				
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 30 miles
Jackson	683,191	39,120	5.7%	U	0	0	1.6	20.7	79.2
Jasper	117,543	6,762	5.8%	B	4	1691:1	44.5	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	2	4474:1	24.8	65.6	100.0
Johnson	54,362	1,813	3.3%	R	5	363:1	87.4	100.0	100.0
Knox	4,000	239	6.0%	R	2	120:1	89.1	100.0	100.0
Laclede	35,439	2,947	8.3%	R	7	421:1	84.9	98.7	100.0
Lafayette	32,688	1,758	5.4%	R	5	352:1	93.7	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	3	482:1	89.8	100.0	100.0
Lewis	10,138	605	6.0%	R	4	151:1	89.3	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	6	462:1	91.6	100.0	100.0
Linn	12,311	777	6.3%	R	2	389:1	73.2	99.7	100.0
Livingston	15,053	995	6.6%	R	1	995:1	84.7	100.0	100.0
Macon	15,479	1,019	6.6%	R	2	510:1	81.5	99.3	100.0
Madison	12,368	1,246	10.1%	R	2	623:1	77.4	97.1	100.0
Maries	9,013	428	4.7%	R	2	214:1	88.3	100.0	100.0
Marion	28,920	2,595	9.0%	R	3	865:1	97.1	100.0	100.0
McDonald	22,800	1,668	7.3%	R	5	334:1	87.0	100.0	100.0
Mercer	3,719	216	5.8%	R	1	216:1	77.8	100.0	100.0
Miller	25,141	1,851	7.4%	R	4	463:1	89.0	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	4	429:1	97.7	100.0	100.0
Moniteau	15,856	680	4.3%	R	1	680:1	34.1	96.5	100.0
Monroe	8,707	331	3.8%	R	2	166:1	72.2	100.0	100.0
Montgomery	11,841	852	7.2%	R	4	213:1	65.1	100.0	100.0
Morgan	20,240	1,814	9.0%	R	2	907:1	85.8	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	4	520:1	53.6	100.0	100.0
Newton	58,598	4,852	8.3%	B	2	2426:1	35.8	98.8	100.0
Nodaway	23,081	884	3.8%	R	2	442:1	68.2	96.8	100.0
Oregon	10,911	1,260	11.5%	R	2	630:1	88.1	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	0.5	75.8	100.0
Ozark	9,492	796	8.4%	R	2	398:1	67.5	90.3	100.0
Pemiscot	17,650	2,551	14.5%	R	8	319:1	96.6	100.0	100.0
Perry	19,202	1,094	5.7%	R	5	219:1	82.6	99.6	100.0
Pettis	42,225	3,067	7.3%	R	0	0	1.4	22.7	100.0
Phelps	44,847	3,019	6.7%	R	6	503:1	90.3	100.0	100.0
Pike	18,541	1,114	6.0%	R	5	223:1	88.0	100.0	100.0
Platte	94,788	2,175	2.3%	B	0	0	0.0	3.4	41.5
Polk	31,054	2,299	7.4%	R	9	255:1	91.9	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	4	569:1	87.6	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	59.5	100.0	100.0
Ralls	10,255	650	6.3%	R	2	325:1	77.5	100.0	100.0
Randolph	25,072	1,948	7.8%	R	2	974:1	92.8	100.0	100.0
Ray	22,949	1,044	4.5%	R	2	522:1	69.3	100.0	100.0
Reynolds	6,565	621	9.5%	R	1	621:1	42.7	69.7	100.0
Ripley	13,969	1,826	13.1%	R	1	1826:1	74.8	99.3	100.0
Saline	23,347	1,603	6.9%	R	3	534:1	96.6	100.0	100.0
Schuyler	4,370	296	6.8%	R	1	296:1	86.8	100.0	100.0
Scotland	4,863	224	4.6%	R	1	224:1	89.3	100.0	100.0

Demographics					RHC				
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 30 miles
Scott	38,903	4,380	11.3%	R	11	398:1	99.4	100.0	100.0
Shannon	8,329	882	10.6%	R	2	441:1	79.9	100.0	100.0
Shelby	6,108	419	6.9%	R	2	210:1	81.4	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	0	0	1.5	47.8	99.8
St. Clair	9,457	717	7.6%	R	4	179:1	78.2	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	4	1519:1	94.8	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	0	0	0.0	0.1	9.5
St. Louis City	317,419	39,585	12.5%	U	0	0	0.0	0.0	0.0
Ste. Genevieve	17,914	884	4.9%	R	5	177:1	77.7	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	11	278:1	94.5	100.0	100.0
Stone	31,104	1,633	5.3%	R	4	408:1	84.5	100.0	100.0
Sullivan	6,411	474	7.4%	R	3	158:1	81.9	100.0	100.0
Taney	54,230	3,530	6.5%	R	8	441:1	96.0	100.0	100.0
Texas	25,642	2,073	8.1%	R	5	415:1	88.3	98.6	100.0
Vernon	21,001	1,672	8.0%	R	3	557:1	88.2	100.0	100.0
Warren	33,253	1,574	4.7%	R	1	1574:1	88.6	100.0	100.0
Washington	25,077	2,632	10.5%	R	6	439:1	76.5	96.5	100.0
Wayne	13,452	1,785	13.3%	R	2	893:1	69.6	96.1	100.0
Webster	36,888	2,495	6.8%	R	6	416:1	92.7	100.0	100.0
Worth	2,073	127	6.1%	R	1	127:1	80.3	100.0	100.0
Wright	18,291	2,195	12.0%	R	7	314:1	88.4	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**364**	1010:1	**39.0**	**59.2**	**73.4**

FFS Network Adequacy - Primary Care Services (Dental)-2016

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
Adair	25,602	4,947	19.3%	R	7	707:1	90.3	100.0	100.0
Andrew	17,379	4,822	27.7%	R	5	964:1	95.1	100.0	100.0
Atchison	5,382	924	17.2%	R	1	924:1	54.0	94.2	100.0
Audrain	25,887	6,299	24.3%	R	3	2100:1	57.4	96.5	100.0
Barry	35,662	13,341	37.4%	R	4	3335:1	31.3	100.0	100.0
Barton	12,057	2,869	23.8%	R			0.0	3.7	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	2	2395:1	61.6	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	6	533:1	67.0	94.6	100.0
Boone	172,717	22,941	13.3%	B	19	1207:1	88.5	99.3	100.0
Buchanan	89,486	18,459	20.6%	B	18	1026:1	97.3	99.4	100.0
Butler	42,972	13,648	31.8%	R	14	975:1	84.0	99.6	100.0
Caldwell	9,034	1,693	18.7%	R	4	423:1	69.9	100.0	100.0
Callaway	44,750	7,644	17.1%	R	5	1529:1	74.3	100.0	100.0
Camden	44,021	7,510	17.1%	R	6	1252:1	90.2	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	19	749:1	93.0	100.0	100.0
Carroll	9,043	1,865	20.6%	R	8	233:1	68.0	93.5	100.0
Carter	6,258	2,185	34.9%	R	1	2185:1	48.3	97.8	100.0
Cass	100,889	15,118	15.0%	B	11	1374:1	88.6	97.8	100.0
Cedar	13,952	4,299	30.8%	R	2	2150:1	59.4	78.9	100.0
Chariton	7,694	2,018	26.2%	R	17	119:1	66.9	96.5	100.0
Christian	82,101	14,800	18.0%	B	13	1138:1	86.4	100.0	100.0
Clark	6,917	1,365	19.7%	R	2	683:1	79.3	100.0	100.0
Clay	233,682	30,763	13.2%	B	20	1538:1	97.1	100.0	100.0
Clinton	20,299	2,120	10.4%	R	1	2120:1	13.2	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		13.1	53.4	100.0
Dallas	16,389	3,891	23.7%	R	2	1946:1	64.9	100.0	100.0
Daviess	8,297	1,725	20.8%	R	2	863:1	56.3	95.8	100.0
DeKalb	12,692	2,922	23.0%	R	3	974:1	78.0	100.0	100.0
Dent	15,655	4,321	27.6%	R	1	4321:1	78.1	94.8	100.0
Douglas	13,546	3,386	25.0%	R	7	484:1	73.7	96.3	100.0
Dunklin	31,344	12,438	39.7%	R	6	2073:1	76.2	94.7	100.0
Franklin	102,084	19,871	19.5%	B	10	1987:1	66.6	87.5	100.0
Gasconade	14,866	3,112	20.9%	R	2	1556:1	72.2	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	43.0	100.0	100.0
Greene	285,865	57,947	20.3%	U	60	966:1	96.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	3	760:1	85.4	100.0	100.0
Harrison	8,639	2,178	25.2%	R	3	726:1	67.4	96.3	100.0
Henry	22,028	5,609	25.5%	R	3	1870:1	80.3	99.5	100.0
Hickory	9,219	1,917	20.8%	R	3	639:1	65.7	100.0	100.0
Holt	4,516	796	17.6%	R	2	398:1	54.0	100.0	100.0

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
Howard	10,159	2,195	21.6%	R	2	1098:1	61.7	100.0	100.0
Howell	40,173	12,761	31.8%	R	9	1418:1	79.6	99.6	100.0
Iron	10,267	3,399	33.1%	R	0		0.0	38.1	100.0
Jackson	683,191	147,751	21.6%	U	148	998:1	99.5	100.0	100.0
Jasper	117,543	24,278	20.7%	B	17	1428:1	91.9	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	17	1809:1	92.1	100.0	100.0
Johnson	54,362	6,748	12.4%	R	0		0.8	47.6	100.0
Knox	4,000	807	20.2%	R	1	807:1	82.4	95.9	100.0
Laclede	35,439	9,941	28.1%	R	1	9941:1	80.7	99.2	100.0
Lafayette	32,688	6,297	19.3%	R	10	630:1	40.6	98.1	100.0
Lawrence	38,023	5,472	14.4%	R	2	2736:1	58.4	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		0.0	31.3	100.0
Lincoln	54,249	9,810	18.1%	R	4	2453:1	76.1	100.0	100.0
Linn	12,311	2,131	17.3%	R	4	533:1	76.3	93.6	100.0
Livingston	15,053	2,945	19.6%	R	7	421:1	83.7	100.0	100.0
Macon	15,479	3,096	20.0%	R	0		0.0	26.3	98.1
Madison	12,368	3,644	29.5%	R	0		0.0	33.6	100.0
Maries	9,013	1,381	15.3%	R	0		22.9	88.7	100.0
Marion	28,920	7,115	24.6%	R	14	508:1	94.7	100.0	100.0
McDonald	22,800	6,626	29.1%	R	18	368:1	64.6	97.8	100.0
Mercer	3,719	722	19.4%	R	0		0.0	2.2	100.0
Miller	25,141	6,281	25.0%	R	1	6281:1	30.8	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	1	4705:1	57.2	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	5	520:1	63.3	100.0	100.0
Monroe	8,707	977	11.2%	R	0		0.0	13.2	61.9
Montgomery	11,841	2,713	22.9%	R	0		3.1	45.5	100.0
Morgan	20,240	5,158	25.5%	R	2	2579:1	73.1	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	7	824:1	56.2	100.0	100.0
Newton	58,598	17,745	30.3%	B	10	1775:1	83.4	99.7	100.0
Nodaway	23,081	2,662	11.5%	R	4	666:1	64.7	98.0	100.0
Oregon	10,911	3,634	33.3%	R	3	1211:1	47.6	100.0	100.0
Osage	13,703	1,413	10.3%	R	6	236:1	64.0	100.0	100.0
Ozark	9,492	2,429	25.6%	R	4	607:1	45.8	88.3	100.0
Pemiscot	17,650	7,173	40.6%	R	7	1025:1	73.9	100.0	100.0
Perry	19,202	3,669	19.1%	R	10	367:1	81.6	99.0	100.0
Pettis	42,225	10,827	25.6%	R	12	902:1	87.9	100.0	100.0
Phelps	44,847	9,505	21.2%	R	15	634:1	89.0	99.3	100.0
Pike	18,541	3,395	18.3%	R	0		0.3	12.6	100.0
Platte	94,788	9,061	9.6%	B	3	3020:1	93.5	100.0	100.0
Polk	31,054	7,867	25.3%	R	9	874:1	64.6	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	12	673:1	77.4	100.0	100.0
Putnam	4,829	1,082	22.4%	R	2	541:1	60.1	100.0	100.0
Ralls	10,255	2,006	19.6%	R	1	2006:1	33.9	100.0	100.0
Randolph	25,072	5,833	23.3%	R	0		0.9	56.8	100.0
Ray	22,949	3,522	15.3%	R	0		24.8	100.0	100.0

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
Reynolds	6,565	1,798	27.4%	R	10	180:1	43.8	71.0	100.0
Ripley	13,969	4,979	35.6%	R	0		0.0	20.6	99.2
Saline	23,347	5,057	21.7%	R	2	2529:1	93.1	100.0	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	56.9	100.0
Scott	38,903	12,455	32.0%	R	16	778:1	92.3	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		0.0	38.4	100.0
Shelby	6,108	1,543	25.3%	R	0		0.0	7.3	36.8
St. Charles	379,493	33,082	8.7%	U	23	1438:1	98.6	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	4	531:1	50.6	89.9	100.0
St. Francois	65,960	16,584	25.1%	B	13	1276:1	84.9	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	122	823:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	75	2089:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	1	2803:1	56.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	13	648:1	77.0	96.8	100.0
Stone	31,104	5,756	18.5%	R	6	959:1	71.7	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		1.9	36.6	100.0
Taney	54,230	13,078	24.1%	R	1	13078:1	83.1	99.9	100.0
Texas	25,642	6,584	25.7%	R	6	1097:1	58.5	95.6	100.0
Vernon	21,001	5,049	24.0%	R	7	721:1	76.8	99.0	100.0
Warren	33,253	6,188	18.6%	R	3	2063:1	93.5	100.0	100.0
Washington	25,077	7,202	28.7%	R	14	514:1	65.9	95.6	100.0
Wayne	13,452	4,681	34.8%	R	2	2341:1	74.1	100.0	100.0
Webster	36,888	9,281	25.2%	R	9	1031:1	82.7	100.0	100.0
Worth	2,073	431	20.8%	R	0		0.0	8.1	100.0
Wright	18,291	6,926	37.9%	R	3	2309:1	57.0	94.1	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**1023**		**83.2**	**96.4**	**99.9**

FFS Network Adequacy - Primary Care Services (Dental)-2017

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
Adair	25,602	1,636	6.4%	R	7	234:1	91.4	100.0	100.0
Andrew	17,379	1,299	7.5%	R	5	260:1	95.8	100.0	100.0
Atchison	5,382	336	6.2%	R	1	336:1	55.1	94.3	100.0
Audrain	25,887	1,860	7.2%	R	3	620:1	59.6	96.7	100.0
Barry	35,662	3,686	10.3%	R	4	922:1	34.7	100.0	100.0
Barton	12,057	839	7.0%	R	0	0	0.0	3.8	100.0
Bates	16,584	1,059	6.4%	R	4	265:1	54.8	100.0	100.0
Benton	18,806	1,715	9.1%	R	2	858:1	64.5	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	6	169:1	70.0	96.4	100.0
Boone	172,717	7,012	4.1%	B	19	369:1	89.5	99.3	100.0
Buchanan	89,486	5,467	6.1%	B	18	304:1	97.7	99.4	100.0
Butler	42,972	4,893	11.4%	R	14	350:1	85.7	99.7	100.0
Caldwell	9,034	513	5.7%	R	4	128:1	71.9	100.0	100.0
Callaway	44,750	2,288	5.1%	R	5	458:1	76.6	100.0	100.0
Camden	44,021	2,110	4.8%	R	6	352:1	90.9	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	19	227:1	94.1	100.0	100.0
Carroll	9,043	592	6.5%	R	8	74:1	72.5	95.4	100.0
Carter	6,258	830	13.3%	R	1	830:1	49.6	97.6	100.0
Cass	100,889	3,613	3.6%	B	11	328:1	88.3	97.8	100.0
Cedar	13,952	1,380	9.9%	R	2	690:1	57.2	77.5	100.0
Chariton	7,694	645	8.4%	R	17	38:1	65.6	95.8	100.0
Christian	82,101	3,522	4.3%	B	13	271:1	86.8	100.0	100.0
Clark	6,917	382	5.5%	R	2	191:1	77.7	100.0	100.0
Clay	233,682	7,795	3.3%	B	20	390:1	97.0	100.0	100.0
Clinton	20,299	558	2.7%	R	1	558:1	14.5	100.0	100.0
Cole	76,557	3,578	4.7%	B	24	149:1	90.4	100.0	100.0
Cooper	17,585	1,064	6.1%	R	0	0	0.0	85.5	100.0
Crawford	24,650	1,910	7.7%	R	1	1910:1	45.0	97.5	100.0
Dade	7,628	552	7.2%	R	0	0	10.7	54.2	100.0
Dallas	16,389	1,339	8.2%	R	2	670:1	67.9	100.0	100.0
Daviess	8,297	451	5.4%	R	2	226:1	59.6	96.9	100.0
DeKalb	12,692	841	6.6%	R	3	280:1	79.2	100.0	100.0
Dent	15,655	1,527	9.8%	R	1	1527:1	78.3	94.6	100.0
Douglas	13,546	1,057	7.8%	R	7	151:1	75.2	96.6	100.0
Dunklin	31,344	4,384	14.0%	R	6	731:1	78.4	95.1	100.0
Franklin	102,084	5,445	5.3%	B	10	545:1	63.9	85.7	100.0
Gasconade	14,866	950	6.4%	R	2	475:1	70.7	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	37.2	100.0	100.0
Greene	285,865	17,632	6.2%	U	60	294:1	97.1	100.0	100.0
Grundy	10,197	747	7.3%	R	3	249:1	86.5	100.0	100.0
Harrison	8,639	654	7.6%	R	3	218:1	67.9	96.0	100.0
Henry	22,028	1,945	8.8%	R	3	648:1	81.3	99.9	100.0
Hickory	9,219	707	7.7%	R	3	236:1	66.3	100.0	100.0
Holt	4,516	237	5.2%	R	2	119:1	52.7	100.0	100.0
Howard	10,159	721	7.1%	R	2	361:1	62.0	100.0	100.0
Howell	40,173	4,233	10.5%	R	9	470:1	80.4	99.7	100.0
Iron	10,267	1,297	12.6%	R	0	0	0.0	38.2	100.0

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
Jackson	683,191	39,120	5.7%	U	148	264:1	99.5	100.0	100.0
Jasper	117,543	6,762	5.8%	B	17	398:1	93.4	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	17	526:1	91.5	100.0	100.0
Johnson	54,362	1,813	3.3%	R	0	0	0.7	44.6	100.0
Knox	4,000	239	6.0%	R	1	239:1	80.3	96.2	100.0
Laclede	35,439	2,947	8.3%	R	1	2947:1	81.7	99.3	100.0
Lafayette	32,688	1,758	5.4%	R	10	176:1	41.6	98.1	100.0
Lawrence	38,023	1,446	3.8%	R	2	723:1	60.9	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	0.0	32.1	100.0
Lincoln	54,249	2,774	5.1%	R	4	694:1	75.8	100.0	100.0
Linn	12,311	777	6.3%	R	4	194:1	78.1	94.2	100.0
Livingston	15,053	995	6.6%	R	7	142:1	85.3	100.0	100.0
Macon	15,479	1,019	6.6%	R	0	0	0.0	23.7	98.3
Madison	12,368	1,246	10.1%	R	0	0	0.0	33.9	100.0
Maries	9,013	428	4.7%	R	0	0	21.7	88.1	100.0
Marion	28,920	2,595	9.0%	R	14	185:1	95.5	100.0	100.0
McDonald	22,800	1,668	7.3%	R	18	93:1	66.7	97.5	100.0
Mercer	3,719	216	5.8%	R	0	0	0.0	0.9	100.0
Miller	25,141	1,851	7.4%	R	1	1851:1	28.0	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	1	1717:1	56.7	100.0	100.0
Moniteau	15,856	680	4.3%	R	5	136:1	61.9	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	0.0	13.9	69.5
Montgomery	11,841	852	7.2%	R	0	0	3.6	48.8	100.0
Morgan	20,240	1,814	9.0%	R	2	907:1	74.6	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	7	297:1	55.9	100.0	100.0
Newton	58,598	4,852	8.3%	B	10	485:1	84.3	99.8	100.0
Nodaway	23,081	884	3.8%	R	4	221:1	66.3	97.6	100.0
Oregon	10,911	1,260	11.5%	R	3	420:1	43.8	100.0	100.0
Osage	13,703	426	3.1%	R	6	71:1	68.1	100.0	100.0
Ozark	9,492	796	8.4%	R	4	199:1	48.9	90.3	100.0
Pemiscot	17,650	2,551	14.5%	R	7	364:1	73.3	100.0	100.0
Perry	19,202	1,094	5.7%	R	10	109:1	82.6	99.4	100.0
Pettis	42,225	3,067	7.3%	R	12	256:1	89.8	100.0	100.0
Phelps	44,847	3,019	6.7%	R	15	201:1	89.3	99.1	100.0
Pike	18,541	1,114	6.0%	R	0	0	0.4	12.8	100.0
Platte	94,788	2,175	2.3%	B	3	725:1	92.5	100.0	100.0
Polk	31,054	2,299	7.4%	R	9	255:1	64.3	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	12	190:1	75.7	100.0	100.0
Putnam	4,829	365	7.6%	R	2	183:1	59.5	100.0	100.0
Ralls	10,255	650	6.3%	R	1	650:1	37.1	100.0	100.0
Randolph	25,072	1,948	7.8%	R	0	0	0.8	57.4	100.0
Ray	22,949	1,044	4.5%	R	0	0	21.0	100.0	100.0
Reynolds	6,565	621	9.5%	R	10	62:1	44.9	73.9	100.0
Ripley	13,969	1,826	13.1%	R	0	0	0.0	19.4	99.4
Saline	23,347	1,603	6.9%	R	2	802:1	93.3	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	0.0	36.1	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	54.0	100.0

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
Scott	38,903	4,380	11.3%	R	16	274:1	92.3	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	0.0	41.5	100.0
Shelby	6,108	419	6.9%	R	0	0	0.0	6.4	35.6
St. Charles	379,493	9,085	2.4%	U	23	395:1	98.8	100.0	100.0
St. Clair	9,457	717	7.6%	R	4	179:1	55.0	91.1	100.0
St. Francois	65,960	6,074	9.2%	B	13	467:1	84.2	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	75	695:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	122	324:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	1	884:1	57.0	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	13	235:1	77.2	97.0	100.0
Stone	31,104	1,633	5.3%	R	6	272:1	71.8	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	1.7	39.9	100.0
Taney	54,230	3,530	6.5%	R	1	3530:1	82.9	99.9	100.0
Texas	25,642	2,073	8.1%	R	6	346:1	59.9	95.9	100.0
Vernon	21,001	1,672	8.0%	R	7	239:1	80.1	99.0	100.0
Warren	33,253	1,574	4.7%	R	3	525:1	93.8	100.0	100.0
Washington	25,077	2,632	10.5%	R	14	188:1	67.9	95.3	100.0
Wayne	13,452	1,785	13.3%	R	2	893:1	72.4	100.0	100.0
Webster	36,888	2,495	6.8%	R	9	277:1	83.5	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	0.0	5.5	100.0
Wright	18,291	2,195	12.0%	R	3	732:1	56.5	94.2	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**1023**	359:1	**83.4**	**96.3**	**99.9**

FFS Network Adequacy – Physician Specialty Services (Cardiology)-2016

Demographics					Cardiology				
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	25,602	4,947	19.3%	R	7	707:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		98.7	100.0	100.0
Atchison	5,382	924	17.2%	R	3	308:1	100.0	100.0	100.0
Audrain	25,887	6,299	24.3%	R	2	3150:1	87.6	100.0	100.0
Barry	35,662	13,341	37.4%	R	0		7.3	100.0	100.0
Barton	12,057	2,869	23.8%	R	0		64.8	100.0	100.0
Bates	16,584	3,391	20.4%	R	1	3391:1	100.0	100.0	100.0
Benton	18,806	4,790	25.5%	R	2	2395:1	100.0	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		74.5	100.0	100.0
Boone	172,717	22,941	13.3%	B	46	499:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	22	839:1	99.9	100.0	100.0
Butler	42,972	13,648	31.8%	R	18	758:1	100.0	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		44.9	100.0	100.0
Callaway	44,750	7,644	17.1%	R	3	2548:1	100.0	100.0	100.0
Camden	44,021	7,510	17.1%	R	4	1878:1	100.0	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	17	837:1	100.0	100.0	100.0
Carroll	9,043	1,865	20.6%	R	3	622:1	100.0	100.0	100.0
Carter	6,258	2,185	34.9%	R	0		56.0	100.0	100.0
Cass	100,889	15,118	15.0%	B	49	309:1	100.0	100.0	100.0
Cedar	13,952	4,299	30.8%	R	0		93.5	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		90.3	100.0	100.0
Christian	82,101	14,800	18.0%	B	0		98.4	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		33.5	100.0	100.0
Clay	233,682	30,763	13.2%	B	48	641:1	100.0	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		100.0	100.0	100.0
Cole	76,557	12,634	16.5%	B	9	1404:1	100.0	100.0	100.0
Cooper	17,585	3,333	19.0%	R	6	556:1	100.0	100.0	100.0
Crawford	24,650	6,103	24.8%	R	0		95.9	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		14.4	100.0	100.0
Dallas	16,389	3,891	23.7%	R	0		91.5	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		27.9	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	0		17.5	100.0	100.0
Dent	15,655	4,321	27.6%	R	0		4.5	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	2	6219:1	87.6	100.0	100.0
Franklin	102,084	19,871	19.5%	B	20	994:1	100.0	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	8	389:1	100.0	100.0	100.0
Gentry	6,826	1,515	22.2%	R	0		0.0	100.0	100.0
Greene	285,865	57,947	20.3%	U	34	1704:1	100.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	2	1140:1	100.0	100.0	100.0
Harrison	8,639	2,178	25.2%	R	0		6.8	99.2	100.0
Henry	22,028	5,609	25.5%	R	2	2805:1	100.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		89.4	100.0	100.0
Holt	4,516	796	17.6%	R	0		68.1	100.0	100.0
Howard	10,159	2,195	21.6%	R	0		98.1	100.0	100.0
Howell	40,173	12,761	31.8%	R	11	1160:1	100.0	100.0	100.0

Demographics					Cardiology				
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
Iron	10,267	3,399	33.1%	R	1	3399:1	89.9	100.0	100.0
Jackson	683,191	147,751	21.6%	U	223	663:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	5	4856:1	100.0	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	20	1538:1	100.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	37	182:1	100.0	100.0	100.0
Knox	4,000	807	20.2%	R	0		74.5	100.0	100.0
Laclede	35,439	9,941	28.1%	R	1	9941:1	97.3	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	22	286:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	0		24.7	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		5.9	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	7	1401:1	100.0	100.0	100.0
Linn	12,311	2,131	17.3%	R	6	355:1	100.0	100.0	100.0
Livingston	15,053	2,945	19.6%	R	1	2945:1	100.0	100.0	100.0
Macon	15,479	3,096	20.0%	R	12	258:1	100.0	100.0	100.0
Madison	12,368	3,644	29.5%	R	0		69.3	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		100.0	100.0	100.0
Marion	28,920	7,115	24.6%	R	15	474:1	99.8	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		82.5	100.0	100.0
Mercer	3,719	722	19.4%	R	0		64.0	100.0	100.0
Miller	25,141	6,281	25.0%	R	1	6281:1	100.0	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		100.0	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		100.0	100.0	100.0
Monroe	8,707	977	11.2%	R	0		87.8	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		93.5	100.0	100.0
Morgan	20,240	5,158	25.5%	R	2	2579:1	99.5	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		94.5	100.0	100.0
Newton	58,598	17,745	30.3%	B	26	683:1	100.0	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	0		13.3	100.0	100.0
Oregon	10,911	3,634	33.3%	R	0		9.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		97.9	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		17.8	100.0	100.0
Pemiscot	17,650	7,173	40.6%	R	3	2391:1	100.0	100.0	100.0
Perry	19,202	3,669	19.1%	R	4	917:1	100.0	100.0	100.0
Pettis	42,225	10,827	25.6%	R	3	3609:1	100.0	100.0	100.0
Phelps	44,847	9,505	21.2%	R	7	1358:1	99.9	100.0	100.0
Pike	18,541	3,395	18.3%	R	1	3395:1	100.0	100.0	100.0
Platte	94,788	9,061	9.6%	B	13	697:1	100.0	100.0	100.0
Polk	31,054	7,867	25.3%	R	8	983:1	100.0	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	3	2692:1	100.0	100.0	100.0
Putnam	4,829	1,082	22.4%	R	5	216:1	100.0	100.0	100.0
Ralls	10,255	2,006	19.6%	R	0		93.0	100.0	100.0
Randolph	25,072	5,833	23.3%	R	8	729:1	100.0	100.0	100.0
Ray	22,949	3,522	15.3%	R	2	1761:1	100.0	100.0	100.0

Demographics					Cardiology				
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
Reynolds	6,565	1,798	27.4%	R	0		11.6	100.0	100.0
Ripley	13,969	4,979	35.6%	R	0		20.6	100.0	100.0
Saline	23,347	5,057	21.7%	R	0		16.6	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		100.0	100.0	100.0
Scotland	4,863	822	16.9%	R	1	822:1	100.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	5	2491:1	100.0	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		76.1	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		89.6	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	63	525:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	0		95.9	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	23	721:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	144	698:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	324	484:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	4	701:1	100.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	0		79.2	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		82.3	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	1	1529:1	100.0	100.0	100.0
Taney	54,230	13,078	24.1%	R	20	654:1	99.5	100.0	100.0
Texas	25,642	6,584	25.7%	R	0		16.3	100.0	100.0
Vernon	21,001	5,049	24.0%	R	2	2525:1	99.2	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		100.0	100.0	100.0
Washington	25,077	7,202	28.7%	R	1	7202:1	100.0	100.0	100.0
Wayne	13,452	4,681	34.8%	R	0		41.3	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		66.3	100.0	100.0
Worth	2,073	431	20.8%	R	0		0.0	17.2	100.0
Wright	18,291	6,926	37.9%	R	0		5.5	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**1,343**		**92.7**	**100.0**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Cardiology)-2017

Demographics					Cardiology				
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	25,602	1,636	6.4%	R	7	234:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	98.8	100.0	100.0
Atchison	5,382	336	6.2%	R	3	112:1	100.0	100.0	100.0
Audrain	25,887	1,860	7.2%	R	2	930:1	87.5	100.0	100.0
Barry	35,662	3,686	10.3%	R	0	0	7.0	100.0	100.0
Barton	12,057	839	7.0%	R	0	0	64.5	100.0	100.0
Bates	16,584	1,059	6.4%	R	1	1059:1	100.0	100.0	100.0
Benton	18,806	1,715	9.1%	R	2	858:1	100.0	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	72.8	100.0	100.0
Boone	172,717	7,012	4.1%	B	46	152:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	22	249:1	99.9	100.0	100.0
Butler	42,972	4,893	11.4%	R	18	272:1	100.0	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	43.3	100.0	100.0
Callaway	44,750	2,288	5.1%	R	3	763:1	100.0	100.0	100.0
Camden	44,021	2,110	4.8%	R	4	528:1	100.0	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	17	253:1	100.0	100.0	100.0
Carroll	9,043	592	6.5%	R	3	197:1	100.0	100.0	100.0
Carter	6,258	830	13.3%	R	0	0	50.8	100.0	100.0
Cass	100,889	3,613	3.6%	B	49	74:1	100.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	0	0	92.3	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	89.1	100.0	100.0
Christian	82,101	3,522	4.3%	B	0	0	98.4	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	32.5	100.0	100.0
Clay	233,682	7,795	3.3%	B	48	162:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	100.0	100.0	100.0
Cole	76,557	3,578	4.7%	B	9	398:1	100.0	100.0	100.0
Cooper	17,585	1,064	6.1%	R	6	177:1	100.0	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0	0	95.9	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	12.7	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0	0	91.9	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	29.0	100.0	100.0
DeKalb	12,692	841	6.6%	R	0	0	18.0	100.0	100.0
Dent	15,655	1,527	9.8%	R	0	0	4.5	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	2	2192:1	87.5	100.0	100.0
Franklin	102,084	5,445	5.3%	B	20	272:1	100.0	100.0	100.0
Gasconade	14,866	950	6.4%	R	8	119:1	100.0	100.0	100.0
Gentry	6,826	436	6.4%	R	0	0	0.0	100.0	100.0
Greene	285,865	17,632	6.2%	U	34	519:1	100.0	100.0	100.0
Grundy	10,197	747	7.3%	R	2	374:1	100.0	100.0	100.0
Harrison	8,639	654	7.6%	R	0	0	8.3	99.2	100.0
Henry	22,028	1,945	8.8%	R	2	973:1	100.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	92.8	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	66.7	100.0	100.0
Howard	10,159	721	7.1%	R	0	0	98.5	100.0	100.0
Howell	40,173	4,233	10.5%	R	11	385:1	100.0	100.0	100.0
Iron	10,267	1,297	12.6%	R	1	1297:1	91.3	100.0	100.0

Demographics					Cardiology				
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
Jackson	683,191	39,120	5.7%	U	223	175:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	5	1352:1	100.0	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	20	447:1	100.0	100.0	100.0
Johnson	54,362	1,813	3.3%	R	37	49:1	100.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	72.0	100.0	100.0
Laclede	35,439	2,947	8.3%	R	1	2947:1	97.5	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	22	80:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	0	0	24.1	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	6.3	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	7	396:1	100.0	100.0	100.0
Linn	12,311	777	6.3%	R	6	130:1	100.0	100.0	100.0
Livingston	15,053	995	6.6%	R	1	995:1	100.0	100.0	100.0
Macon	15,479	1,019	6.6%	R	12	85:1	100.0	100.0	100.0
Madison	12,368	1,246	10.1%	R	0	0	68.8	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	100.0	100.0	100.0
Marion	28,920	2,595	9.0%	R	15	173:1	99.8	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	85.1	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	75.9	100.0	100.0
Miller	25,141	1,851	7.4%	R	1	1851:1	100.0	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	100.0	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	86.4	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	95.0	100.0	100.0
Morgan	20,240	1,814	9.0%	R	2	907:1	99.7	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	93.9	100.0	100.0
Newton	58,598	4,852	8.3%	B	26	187:1	100.0	100.0	100.0
Nodaway	23,081	884	3.8%	R	0	0	12.3	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0	0	9.8	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	98.8	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	15.1	100.0	100.0
Pemiscot	17,650	2,551	14.5%	R	3	850:1	100.0	100.0	100.0
Perry	19,202	1,094	5.7%	R	4	274:1	100.0	100.0	100.0
Pettis	42,225	3,067	7.3%	R	3	1022:1	100.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	7	431:1	99.9	100.0	100.0
Pike	18,541	1,114	6.0%	R	1	1114:1	100.0	100.0	100.0
Platte	94,788	2,175	2.3%	B	13	167:1	100.0	100.0	100.0
Polk	31,054	2,299	7.4%	R	8	287:1	100.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	3	758:1	100.0	100.0	100.0
Putnam	4,829	365	7.6%	R	5	73:1	100.0	100.0	100.0
Ralls	10,255	650	6.3%	R	0	0	93.7	100.0	100.0
Randolph	25,072	1,948	7.8%	R	8	244:1	100.0	100.0	100.0
Ray	22,949	1,044	4.5%	R	2	522:1	100.0	100.0	100.0
Reynolds	6,565	621	9.5%	R	0	0	11.1	100.0	100.0
Ripley	13,969	1,826	13.1%	R	0	0	19.4	100.0	100.0
Saline	23,347	1,603	6.9%	R	0	0	15.6	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	100.0	100.0	100.0

Demographics					Cardiology				
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
Scotland	4,863	224	4.6%	R	1	224:1	100.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	5	876:1	100.0	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	77.2	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	90.7	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	63	144:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	0	0	96.0	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	23	264:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	324	161:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	144	275:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	4	221:1	100.0	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	0	0	78.3	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	82.1	100.0	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	100.0	100.0	100.0
Taney	54,230	3,530	6.5%	R	20	177:1	99.5	100.0	100.0
Texas	25,642	2,073	8.1%	R	0	0	16.0	100.0	100.0
Vernon	21,001	1,672	8.0%	R	2	836:1	99.3	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	100.0	100.0	100.0
Washington	25,077	2,632	10.5%	R	1	2632:1	100.0	100.0	100.0
Wayne	13,452	1,785	13.3%	R	0	0	41.2	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	65.0	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	0.0	17.3	100.0
Wright	18,291	2,195	12.0%	R	0	0	4.6	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**1,343**	274:1	**92.6**	**100.0**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Neurology)-2016

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	25,602	4,947	19.3%	R	11	450:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		96.8	100.0	100.0
Atchison	5,382	924	17.2%	R	0		0.0	0.0	100.0
Audrain	25,887	6,299	24.3%	R	4	1575:1	88.9	100.0	100.0
Barry	35,662	13,341	37.4%	R	0		10.8	100.0	100.0
Barton	12,057	2,869	23.8%	R	1	2869:1	100.0	100.0	100.0
Bates	16,584	3,391	20.4%	R	3	1130:1	100.0	100.0	100.0
Benton	18,806	4,790	25.5%	R	1	4790:1	100.0	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		50.7	100.0	100.0
Boone	172,717	22,941	13.3%	B	46	499:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	4	4615:1	99.4	100.0	100.0
Butler	42,972	13,648	31.8%	R	1	13648:1	99.5	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		85.1	100.0	100.0
Callaway	44,750	7,644	17.1%	R	1	7644:1	100.0	100.0	100.0
Camden	44,021	7,510	17.1%	R	4	1878:1	98.5	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	23	619:1	99.2	100.0	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	100.0	100.0	100.0
Carter	6,258	2,185	34.9%	R	0		37.5	100.0	100.0
Cass	100,889	15,118	15.0%	B	9	1680:1	100.0	100.0	100.0
Cedar	13,952	4,299	30.8%	R	2	2150:1	100.0	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		43.2	100.0	100.0
Christian	82,101	14,800	18.0%	B	2	7400:1	100.0	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	22.9	100.0
Clay	233,682	30,763	13.2%	B	16	1923:1	100.0	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		100.0	100.0	100.0
Cole	76,557	12,634	16.5%	B	6	2106:1	100.0	100.0	100.0
Cooper	17,585	3,333	19.0%	R	0		81.8	100.0	100.0
Crawford	24,650	6,103	24.8%	R	0		68.6	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		22.8	100.0	100.0
Dallas	16,389	3,891	23.7%	R	0		68.2	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		100.0	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	2	1461:1	100.0	100.0	100.0
Dent	15,655	4,321	27.6%	R	0		7.8	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	1	12438:1	85.3	100.0	100.0
Franklin	102,084	19,871	19.5%	B	1	19871:1	81.7	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	0		42.0	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	100.0	100.0	100.0
Greene	285,865	57,947	20.3%	U	34	1704:1	100.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	0		94.3	100.0	100.0
Harrison	8,639	2,178	25.2%	R	2	1089:1	99.6	100.0	100.0
Henry	22,028	5,609	25.5%	R	5	1122:1	100.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		89.4	100.0	100.0
Holt	4,516	796	17.6%	R	0		3.1	84.7	100.0
Howard	10,159	2,195	21.6%	R	0		59.7	100.0	100.0
Howell	40,173	12,761	31.8%	R	5	2552:1	100.0	100.0	100.0

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
Iron	10,267	3,399	33.1%	R	0		61.0	100.0	100.0
Jackson	683,191	147,751	21.6%	U	100	1478:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	2	12139:1	100.0	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	4	7690:1	100.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	7	964:1	100.0	100.0	100.0
Knox	4,000	807	20.2%	R	0		76.8	100.0	100.0
Laclede	35,439	9,941	28.1%	R	0		63.0	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	6	1050:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	0		40.1	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		2.8	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	1	9810:1	100.0	100.0	100.0
Linn	12,311	2,131	17.3%	R	0		18.6	100.0	100.0
Livingston	15,053	2,945	19.6%	R	1	2945:1	100.0	100.0	100.0
Macon	15,479	3,096	20.0%	R	1	3096:1	99.8	100.0	100.0
Madison	12,368	3,644	29.5%	R	0		66.4	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		77.4	100.0	100.0
Marion	28,920	7,115	24.6%	R	2	3558:1	99.2	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		60.6	100.0	100.0
Mercer	3,719	722	19.4%	R	0		15.4	100.0	100.0
Miller	25,141	6,281	25.0%	R	2	3141:1	98.3	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		100.0	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		71.8	100.0	100.0
Monroe	8,707	977	11.2%	R	0		71.4	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		63.3	100.0	100.0
Morgan	20,240	5,158	25.5%	R	2	2579:1	100.0	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		62.8	100.0	100.0
Newton	58,598	17,745	30.3%	B	19	934:1	100.0	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	0		9.6	98.5	100.0
Oregon	10,911	3,634	33.3%	R	0		9.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		69.3	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		17.8	100.0	100.0
Pemiscot	17,650	7,173	40.6%	R	0		96.4	100.0	100.0
Perry	19,202	3,669	19.1%	R	0		58.0	100.0	100.0
Pettis	42,225	10,827	25.6%	R	2	5414:1	100.0	100.0	100.0
Phelps	44,847	9,505	21.2%	R	6	1584:1	99.3	100.0	100.0
Pike	18,541	3,395	18.3%	R	0		13.9	100.0	100.0
Platte	94,788	9,061	9.6%	B	0		96.7	100.0	100.0
Polk	31,054	7,867	25.3%	R	1	7867:1	100.0	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	1	8076:1	100.0	100.0	100.0
Putnam	4,829	1,082	22.4%	R	0		12.6	97.2	100.0
Ralls	10,255	2,006	19.6%	R	0		93.0	100.0	100.0
Randolph	25,072	5,833	23.3%	R	1	5833:1	100.0	100.0	100.0

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
Ray	22,949	3,522	15.3%	R	0		98.6	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	0		0.0	89.7	100.0
Ripley	13,969	4,979	35.6%	R	0		20.6	100.0	100.0
Saline	23,347	5,057	21.7%	R	1	5057:1	100.0	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		81.2	100.0	100.0
Scotland	4,863	822	16.9%	R	0		0.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	8	1557:1	100.0	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		76.1	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		45.9	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	25	1323:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	0		80.0	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	2	8292:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	116	866:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	177	885:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	1	2803:1	100.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	0		55.6	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		91.9	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		20.1	100.0	100.0
Taney	54,230	13,078	24.1%	R	9	1453:1	99.4	100.0	100.0
Texas	25,642	6,584	25.7%	R	0		13.2	100.0	100.0
Vernon	21,001	5,049	24.0%	R	3	1683:1	100.0	100.0	100.0
Warren	33,253	6,188	18.6%	R	1	6188:1	100.0	100.0	100.0
Washington	25,077	7,202	28.7%	R	0		60.7	100.0	100.0
Wayne	13,452	4,681	34.8%	R	0		41.3	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		63.8	100.0	100.0
Worth	2,073	431	20.8%	R	0		86.3	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		0.0	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		687		**90.5**	**99.8**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Neurology)-2017

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	25,602	1,636	6.4%	R	11	149:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	97.3	100.0	100.0
Atchison	5,382	336	6.2%	R	0	0	0.0	0.0	100.0
Audrain	25,887	1,860	7.2%	R	4	465:1	88.8	100.0	100.0
Barry	35,662	3,686	10.3%	R	0	0	10.6	100.0	100.0
Barton	12,057	839	7.0%	R	1	839:1	100.0	100.0	100.0
Bates	16,584	1,059	6.4%	R	3	353:1	100.0	100.0	100.0
Benton	18,806	1,715	9.1%	R	1	1715:1	100.0	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	53.5	100.0	100.0
Boone	172,717	7,012	4.1%	B	46	152:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	4	1367:1	99.4	100.0	100.0
Butler	42,972	4,893	11.4%	R	1	4893:1	99.5	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	87.1	100.0	100.0
Callaway	44,750	2,288	5.1%	R	1	2288:1	100.0	100.0	100.0
Camden	44,021	2,110	4.8%	R	4	528:1	98.6	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	23	187:1	99.5	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	100.0	100.0	100.0
Carter	6,258	830	13.3%	R	0	0	34.5	100.0	100.0
Cass	100,889	3,613	3.6%	B	9	401:1	100.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	2	690:1	100.0	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	44.7	100.0	100.0
Christian	82,101	3,522	4.3%	B	2	1761:1	100.0	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	23.8	100.0
Clay	233,682	7,795	3.3%	B	16	487:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	100.0	100.0	100.0
Cole	76,557	3,578	4.7%	B	6	596:1	100.0	100.0	100.0
Cooper	17,585	1,064	6.1%	R	0	0	81.6	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0	0	69.5	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	20.7	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0	0	72.2	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	100.0	100.0	100.0
DeKalb	12,692	841	6.6%	R	2	421:1	100.0	100.0	100.0
Dent	15,655	1,527	9.8%	R	0	0	7.7	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	1	4384:1	85.1	100.0	100.0
Franklin	102,084	5,445	5.3%	B	1	5445:1	79.7	100.0	100.0
Gasconade	14,866	950	6.4%	R	0	0	42.7	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	100.0	100.0	100.0
Greene	285,865	17,632	6.2%	U	34	519:1	100.0	100.0	100.0
Grundy	10,197	747	7.3%	R	0	0	95.0	100.0	100.0
Harrison	8,639	654	7.6%	R	2	327:1	99.5	100.0	100.0
Henry	22,028	1,945	8.8%	R	5	389:1	100.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	92.8	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	3.4	85.2	100.0
Howard	10,159	721	7.1%	R	0	0	60.1	100.0	100.0
Howell	40,173	4,233	10.5%	R	5	847:1	100.0	100.0	100.0

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
Iron	10,267	1,297	12.6%	R	0	0	60.3	100.0	100.0
Jackson	683,191	39,120	5.7%	U	100	391:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	2	3381:1	100.0	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	4	2237:1	100.0	100.0	100.0
Johnson	54,362	1,813	3.3%	R	7	259:1	100.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	75.3	100.0	100.0
Laclede	35,439	2,947	8.3%	R	0	0	64.3	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	6	293:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	0	0	38.8	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	3.0	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	1	2774:1	100.0	100.0	100.0
Linn	12,311	777	6.3%	R	0	0	16.6	100.0	100.0
Livingston	15,053	995	6.6%	R	1	995:1	100.0	100.0	100.0
Macon	15,479	1,019	6.6%	R	1	1019:1	99.8	100.0	100.0
Madison	12,368	1,246	10.1%	R	0	0	65.9	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	77.3	100.0	100.0
Marion	28,920	2,595	9.0%	R	2	1298:1	99.3	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	66.5	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	8.3	100.0	100.0
Miller	25,141	1,851	7.4%	R	2	926:1	98.4	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	67.5	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	67.1	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	65.0	100.0	100.0
Morgan	20,240	1,814	9.0%	R	2	907:1	100.0	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	63.8	100.0	100.0
Newton	58,598	4,852	8.3%	B	19	255:1	100.0	100.0	100.0
Nodaway	23,081	884	3.8%	R	0	0	11.1	98.3	100.0
Oregon	10,911	1,260	11.5%	R	0	0	9.8	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	70.2	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	15.1	100.0	100.0
Pemiscot	17,650	2,551	14.5%	R	0	0	96.6	100.0	100.0
Perry	19,202	1,094	5.7%	R	0	0	57.8	100.0	100.0
Pettis	42,225	3,067	7.3%	R	2	1534:1	100.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	6	503:1	99.1	100.0	100.0
Pike	18,541	1,114	6.0%	R	0	0	14.5	100.0	100.0
Platte	94,788	2,175	2.3%	B	0	0	95.8	100.0	100.0
Polk	31,054	2,299	7.4%	R	1	2299:1	100.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	1	2275:1	100.0	100.0	100.0
Putnam	4,829	365	7.6%	R	0	0	15.6	98.9	100.0
Ralls	10,255	650	6.3%	R	0	0	93.7	100.0	100.0
Randolph	25,072	1,948	7.8%	R	1	1948:1	100.0	100.0	100.0
Ray	22,949	1,044	4.5%	R	0	0	98.9	100.0	100.0
Reynolds	6,565	621	9.5%	R	0	0	0.0	89.4	100.0
Ripley	13,969	1,826	13.1%	R	0	0	19.4	100.0	100.0
Saline	23,347	1,603	6.9%	R	1	1603:1	100.0	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	80.1	100.0	100.0

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
Scotland	4,863	224	4.6%	R	0	0	0.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	8	548:1	100.0	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	77.2	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	48.7	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	25	363:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	0	0	79.9	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	2	3037:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	116	450:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	177	224:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	1	884:1	100.0	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	0	0	56.0	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	91.7	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	22.6	100.0	100.0
Taney	54,230	3,530	6.5%	R	9	392:1	99.4	100.0	100.0
Texas	25,642	2,073	8.1%	R	0	0	13.3	100.0	100.0
Vernon	21,001	1,672	8.0%	R	3	557:1	100.0	100.0	100.0
Warren	33,253	1,574	4.7%	R	1	1574:1	100.0	100.0	100.0
Washington	25,077	2,632	10.5%	R	0	0	57.1	100.0	100.0
Wayne	13,452	1,785	13.3%	R	0	0	41.2	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	62.4	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	85.0	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	0.0	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		687	535:1	**90.2**	**99.8**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Ophthalmology)-2016

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	25,602	4,947	19.3%	R	6	825:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		100.0	100.0	100.0
Atchison	5,382	924	17.2%	R	0		2.9	100.0	100.0
Audrain	25,887	6,299	24.3%	R	3	2100:1	87.6	100.0	100.0
Barry	35,662	13,341	37.4%	R	1	13341:1	61.8	100.0	100.0
Barton	12,057	2,869	23.8%	R	0		62.3	100.0	100.0
Bates	16,584	3,391	20.4%	R	1	3391:1	100.0	100.0	100.0
Benton	18,806	4,790	25.5%	R	0		46.4	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		53.5	100.0	100.0
Boone	172,717	22,941	13.3%	B	43	534:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	7	2637:1	99.4	100.0	100.0
Butler	42,972	13,648	31.8%	R	2	6824:1	99.5	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		1.7	100.0	100.0
Callaway	44,750	7,644	17.1%	R	1	7644:1	100.0	100.0	100.0
Camden	44,021	7,510	17.1%	R	4	1878:1	98.5	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	17	837:1	99.1	100.0	100.0
Carroll	9,043	1,865	20.6%	R	0		14.6	100.0	100.0
Carter	6,258	2,185	34.9%	R	0		56.0	100.0	100.0
Cass	100,889	15,118	15.0%	B	9	1680:1	100.0	100.0	100.0
Cedar	13,952	4,299	30.8%	R	0		79.3	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		54.0	100.0	100.0
Christian	82,101	14,800	18.0%	B	1	14800:1	100.0	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	22.9	100.0
Clay	233,682	30,763	13.2%	B	8	3845:1	100.0	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		86.8	100.0	100.0
Cole	76,557	12,634	16.5%	B	7	1805:1	100.0	100.0	100.0
Cooper	17,585	3,333	19.0%	R	0		79.3	100.0	100.0
Crawford	24,650	6,103	24.8%	R	0		30.6	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		14.4	100.0	100.0
Dallas	16,389	3,891	23.7%	R	0		78.0	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		22.1	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	0		22.1	100.0	100.0
Dent	15,655	4,321	27.6%	R	0		8.0	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	2	6219:1	98.3	100.0	100.0
Franklin	102,084	19,871	19.5%	B	5	3974:1	81.7	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	0		6.1	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	100.0	100.0	100.0
Greene	285,865	57,947	20.3%	U	30	1932:1	100.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	0		9.5	100.0	100.0
Harrison	8,639	2,178	25.2%	R	1	2178:1	100.0	100.0	100.0
Henry	22,028	5,609	25.5%	R	2	2805:1	100.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		39.6	100.0	100.0
Holt	4,516	796	17.6%	R	0		31.9	100.0	100.0
Howard	10,159	2,195	21.6%	R	0		20.2	100.0	100.0
Howell	40,173	12,761	31.8%	R	4	3190:1	100.0	100.0	100.0

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
Iron	10,267	3,399	33.1%	R	0		66.7	100.0	100.0
Jackson	683,191	147,751	21.6%	U	67	2205:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	3	8093:1	100.0	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	2	15381:1	100.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	7	964:1	100.0	100.0	100.0
Knox	4,000	807	20.2%	R	0		74.5	100.0	100.0
Laclede	35,439	9,941	28.1%	R	5	1988:1	99.1	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	1	6297:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	0		96.9	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		3.3	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	4	2453:1	100.0	100.0	100.0
Linn	12,311	2,131	17.3%	R	1	2131:1	99.8	100.0	100.0
Livingston	15,053	2,945	19.6%	R	0		16.3	100.0	100.0
Macon	15,479	3,096	20.0%	R	0		35.4	100.0	100.0
Madison	12,368	3,644	29.5%	R	0		66.4	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		63.9	100.0	100.0
Marion	28,920	7,115	24.6%	R	15	474:1	100.0	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		12.2	100.0	100.0
Mercer	3,719	722	19.4%	R	0		15.4	100.0	100.0
Miller	25,141	6,281	25.0%	R	0		96.3	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		100.0	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		67.6	100.0	100.0
Monroe	8,707	977	11.2%	R	0		29.7	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		40.7	100.0	100.0
Morgan	20,240	5,158	25.5%	R	0		51.5	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		70.7	100.0	100.0
Newton	58,598	17,745	30.3%	B	10	1775:1	97.3	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	1	2662:1	99.6	100.0	100.0
Oregon	10,911	3,634	33.3%	R	0		9.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		69.3	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		13.3	100.0	100.0
Pemiscot	17,650	7,173	40.6%	R	0		96.4	100.0	100.0
Perry	19,202	3,669	19.1%	R	0		5.6	100.0	100.0
Pettis	42,225	10,827	25.6%	R	5	2165:1	100.0	100.0	100.0
Phelps	44,847	9,505	21.2%	R	4	2376:1	99.4	100.0	100.0
Pike	18,541	3,395	18.3%	R	0		10.5	100.0	100.0
Platte	94,788	9,061	9.6%	B	12	755:1	99.7	100.0	100.0
Polk	31,054	7,867	25.3%	R	1	7867:1	100.0	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	0		63.4	100.0	100.0
Putnam	4,829	1,082	22.4%	R	0		12.6	100.0	100.0
Ralls	10,255	2,006	19.6%	R	0		100.0	100.0	100.0
Randolph	25,072	5,833	23.3%	R	0		4.8	100.0	100.0
Ray	22,949	3,522	15.3%	R	0		88.5	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	0		0.0	88.6	100.0
Ripley	13,969	4,979	35.6%	R	1	4979:1	100.0	100.0	100.0

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
Saline	23,347	5,057	21.7%	R	0		10.0	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		81.2	100.0	100.0
Scotland	4,863	822	16.9%	R	0		0.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	1	12455:1	100.0	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		76.1	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		7.9	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	21	1575:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	0		44.2	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	14	1185:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	116	866:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	144	1088:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	0		46.8	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	1	8421:1	100.0	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		100.0	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		24.1	100.0	100.0
Taney	54,230	13,078	24.1%	R	3	4359:1	99.1	100.0	100.0
Texas	25,642	6,584	25.7%	R	0		13.2	100.0	100.0
Vernon	21,001	5,049	24.0%	R	1	5049:1	99.2	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		98.8	100.0	100.0
Washington	25,077	7,202	28.7%	R	0		40.6	100.0	100.0
Wayne	13,452	4,681	34.8%	R	0		41.3	100.0	100.0
Webster	36,888	9,281	25.2%	R	3	3094:1	98.1	100.0	100.0
Worth	2,073	431	20.8%	R	0		100.0	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		9.7	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**598**		**89.1**	**99.9**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Ophthalmology)-2017

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	25,602	1,636	6.4%	R	6	273:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	100.0	100.0	100.0
Atchison	5,382	336	6.2%	R	0	0	2.1	100.0	100.0
Audrain	25,887	1,860	7.2%	R	3	620:1	87.5	100.0	100.0
Barry	35,662	3,686	10.3%	R	1	3686:1	59.0	100.0	100.0
Barton	12,057	839	7.0%	R	0	0	61.9	100.0	100.0
Bates	16,584	1,059	6.4%	R	1	1059:1	100.0	100.0	100.0
Benton	18,806	1,715	9.1%	R	0	0	43.3	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	56.1	100.0	100.0
Boone	172,717	7,012	4.1%	B	43	163:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	7	781:1	99.4	100.0	100.0
Butler	42,972	4,893	11.4%	R	2	2447:1	99.5	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	1.6	100.0	100.0
Callaway	44,750	2,288	5.1%	R	1	2288:1	100.0	100.0	100.0
Camden	44,021	2,110	4.8%	R	4	528:1	98.6	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	17	253:1	99.4	100.0	100.0
Carroll	9,043	592	6.5%	R	0	0	14.2	100.0	100.0
Carter	6,258	830	13.3%	R	0	0	50.8	100.0	100.0
Cass	100,889	3,613	3.6%	B	9	401:1	100.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	0	0	77.1	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	52.1	100.0	100.0
Christian	82,101	3,522	4.3%	B	1	3522:1	100.0	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	23.8	100.0
Clay	233,682	7,795	3.3%	B	8	974:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	85.3	100.0	100.0
Cole	76,557	3,578	4.7%	B	7	511:1	100.0	100.0	100.0
Cooper	17,585	1,064	6.1%	R	0	0	80.2	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0	0	31.6	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	12.7	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0	0	79.5	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	20.8	100.0	100.0
DeKalb	12,692	841	6.6%	R	0	0	22.1	100.0	100.0
Dent	15,655	1,527	9.8%	R	0	0	8.0	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	2	2192:1	98.4	100.0	100.0
Franklin	102,084	5,445	5.3%	B	5	1089:1	79.7	100.0	100.0
Gasconade	14,866	950	6.4%	R	0	0	7.2	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	100.0	100.0	100.0
Greene	285,865	17,632	6.2%	U	30	588:1	100.0	100.0	100.0
Grundy	10,197	747	7.3%	R	0	0	9.9	100.0	100.0
Harrison	8,639	654	7.6%	R	1	654:1	100.0	100.0	100.0
Henry	22,028	1,945	8.8%	R	2	973:1	100.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	42.3	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	31.2	100.0	100.0
Howard	10,159	721	7.1%	R	0	0	18.2	100.0	100.0
Howell	40,173	4,233	10.5%	R	4	1058:1	100.0	100.0	100.0

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
Iron	10,267	1,297	12.6%	R	0	0	67.2	100.0	100.0
Jackson	683,191	39,120	5.7%	U	67	584:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	3	2254:1	100.0	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	2	4474:1	100.0	100.0	100.0
Johnson	54,362	1,813	3.3%	R	7	259:1	100.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	72.0	100.0	100.0
Laclede	35,439	2,947	8.3%	R	5	589:1	99.2	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	1	1758:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	0	0	97.4	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	3.5	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	4	694:1	100.0	100.0	100.0
Linn	12,311	777	6.3%	R	1	777:1	99.9	100.0	100.0
Livingston	15,053	995	6.6%	R	0	0	17.1	100.0	100.0
Macon	15,479	1,019	6.6%	R	0	0	32.3	100.0	100.0
Madison	12,368	1,246	10.1%	R	0	0	65.9	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	63.6	100.0	100.0
Marion	28,920	2,595	9.0%	R	15	173:1	100.0	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	12.8	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	8.3	100.0	100.0
Miller	25,141	1,851	7.4%	R	0	0	96.5	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	63.2	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	33.5	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	40.4	100.0	100.0
Morgan	20,240	1,814	9.0%	R	0	0	52.0	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	71.9	100.0	100.0
Newton	58,598	4,852	8.3%	B	10	485:1	97.2	100.0	100.0
Nodaway	23,081	884	3.8%	R	1	884:1	99.4	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0	0	9.8	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	70.2	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	9.7	100.0	100.0
Pemiscot	17,650	2,551	14.5%	R	0	0	96.6	100.0	100.0
Perry	19,202	1,094	5.7%	R	0	0	4.8	100.0	100.0
Pettis	42,225	3,067	7.3%	R	5	613:1	100.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	4	755:1	99.3	100.0	100.0
Pike	18,541	1,114	6.0%	R	0	0	11.4	100.0	100.0
Platte	94,788	2,175	2.3%	B	12	181:1	99.6	100.0	100.0
Polk	31,054	2,299	7.4%	R	1	2299:1	100.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	0	0	61.5	100.0	100.0
Putnam	4,829	365	7.6%	R	0	0	15.6	100.0	100.0
Ralls	10,255	650	6.3%	R	0	0	100.0	100.0	100.0
Randolph	25,072	1,948	7.8%	R	0	0	3.3	100.0	100.0
Ray	22,949	1,044	4.5%	R	0	0	91.5	100.0	100.0
Reynolds	6,565	621	9.5%	R	0	0	0.0	89.2	100.0
Ripley	13,969	1,826	13.1%	R	1	1826:1	100.0	100.0	100.0
Saline	23,347	1,603	6.9%	R	0	0	10.4	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	80.1	100.0	100.0

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
Scotland	4,863	224	4.6%	R	0	0	0.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	1	4380:1	100.0	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	77.2	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	9.3	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	21	433:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	0	0	46.6	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	14	434:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	144	362:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	116	341:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	0	0	45.7	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	1	3054:1	100.0	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	100.0	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	26.2	100.0	100.0
Taney	54,230	3,530	6.5%	R	3	1177:1	99.1	100.0	100.0
Texas	25,642	2,073	8.1%	R	0	0	13.3	100.0	100.0
Vernon	21,001	1,672	8.0%	R	1	1672:1	99.3	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	98.7	100.0	100.0
Washington	25,077	2,632	10.5%	R	0	0	39.2	100.0	100.0
Wayne	13,452	1,785	13.3%	R	0	0	41.2	100.0	100.0
Webster	36,888	2,495	6.8%	R	3	832:1	98.1	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	100.0	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	9.3	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**598**	615:1	**88.7**	**99.9**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Urology/Nephrology)-2016

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
Adair	25,602	4,947	19.3%	R	6	825:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		100.0	100.0	100.0
Atchison	5,382	924	17.2%	R	0		2.9	100.0	100.0
Audrain	25,887	6,299	24.3%	R	2	3150:1	88.9	100.0	100.0
Barry	35,662	13,341	37.4%	R	1	13341:1	89.1	100.0	100.0
Barton	12,057	2,869	23.8%	R	0		22.5	100.0	100.0
Bates	16,584	3,391	20.4%	R	0		92.2	100.0	100.0
Benton	18,806	4,790	25.5%	R	0		63.2	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		77.3	100.0	100.0
Boone	172,717	22,941	13.3%	B	37	620:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	10	1846:1	99.6	100.0	100.0
Butler	42,972	13,648	31.8%	R	8	1706:1	100.0	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	2	847:1	100.0	100.0	100.0
Callaway	44,750	7,644	17.1%	R	0		99.2	100.0	100.0
Camden	44,021	7,510	17.1%	R	9	834:1	98.5	100.0	100.0
Cape Girardea	78,043	14,234	18.2%	B	10	1423:1	100.0	100.0	100.0
Carroll	9,043	1,865	20.6%	R	3	622:1	100.0	100.0	100.0
Carter	6,258	2,185	34.9%	R	0		56.0	100.0	100.0
Cass	100,889	15,118	15.0%	B	3	5039:1	100.0	100.0	100.0
Cedar	13,952	4,299	30.8%	R	0		83.6	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		90.3	100.0	100.0
Christian	82,101	14,800	18.0%	B	1	14800:1	99.5	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	22.9	100.0
Clay	233,682	30,763	13.2%	B	18	1709:1	100.0	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		100.0	100.0	100.0
Cole	76,557	12,634	16.5%	B	9	1404:1	100.0	100.0	100.0
Cooper	17,585	3,333	19.0%	R	3	1111:1	100.0	100.0	100.0
Crawford	24,650	6,103	24.8%	R	0		49.6	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		27.5	100.0	100.0
Dallas	16,389	3,891	23.7%	R	0		80.4	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		100.0	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	3	974:1	100.0	100.0	100.0
Dent	15,655	4,321	27.6%	R	0		4.6	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	5	2488:1	98.9	100.0	100.0
Franklin	102,084	19,871	19.5%	B	5	3974:1	97.3	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	1	3112:1	51.5	100.0	100.0
Gentry	6,826	1,515	22.2%	R	0		77.9	100.0	100.0
Greene	285,865	57,947	20.3%	U	37	1566:1	100.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	3	760:1	100.0	100.0	100.0
Harrison	8,639	2,178	25.2%	R	1	2178:1	99.5	100.0	100.0
Henry	22,028	5,609	25.5%	R	4	1402:1	100.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		56.1	100.0	100.0
Holt	4,516	796	17.6%	R	0		28.8	100.0	100.0
Howard	10,159	2,195	21.6%	R	0		98.1	100.0	100.0
Howell	40,173	12,761	31.8%	R	6	2127:1	93.4	100.0	100.0

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
Iron	10,267	3,399	33.1%	R	2	1700:1	89.9	100.0	100.0
Jackson	683,191	147,751	21.6%	U	122	1211:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	26	934:1	100.0	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	20	1538:1	100.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	9	750:1	100.0	100.0	100.0
Knox	4,000	807	20.2%	R	0		74.5	100.0	100.0
Laclede	35,439	9,941	28.1%	R	1	9941:1	97.6	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	1	6297:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	0		100.0	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		2.8	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	3	3270:1	100.0	100.0	100.0
Linn	12,311	2,131	17.3%	R	1	2131:1	100.0	100.0	100.0
Livingston	15,053	2,945	19.6%	R	4	736:1	100.0	100.0	100.0
Macon	15,479	3,096	20.0%	R	1	3096:1	100.0	100.0	100.0
Madison	12,368	3,644	29.5%	R	1	3644:1	100.0	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		77.4	100.0	100.0
Marion	28,920	7,115	24.6%	R	1	7115:1	99.2	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		56.2	100.0	100.0
Mercer	3,719	722	19.4%	R	0		79.4	100.0	100.0
Miller	25,141	6,281	25.0%	R	4	1570:1	100.0	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		100.0	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		100.0	100.0	100.0
Monroe	8,707	977	11.2%	R	0		87.8	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		93.5	100.0	100.0
Morgan	20,240	5,158	25.5%	R	4	1290:1	100.0	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		70.6	100.0	100.0
Newton	58,598	17,745	30.3%	B	14	1268:1	100.0	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	3	887:1	99.6	100.0	100.0
Oregon	10,911	3,634	33.3%	R	0		9.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		95.8	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		27.0	100.0	100.0
Pemiscot	17,650	7,173	40.6%	R	0		96.4	100.0	100.0
Perry	19,202	3,669	19.1%	R	1	3669:1	100.0	100.0	100.0
Pettis	42,225	10,827	25.6%	R	4	2707:1	100.0	100.0	100.0
Phelps	44,847	9,505	21.2%	R	4	2376:1	99.7	100.0	100.0
Pike	18,541	3,395	18.3%	R	1	3395:1	99.8	100.0	100.0
Platte	94,788	9,061	9.6%	B	1	9061:1	99.3	100.0	100.0
Polk	31,054	7,867	25.3%	R	3	2622:1	100.0	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	1	8076:1	100.0	100.0	100.0
Putnam	4,829	1,082	22.4%	R	2	541:1	100.0	100.0	100.0
Ralls	10,255	2,006	19.6%	R	0		93.0	100.0	100.0
Randolph	25,072	5,833	23.3%	R	9	648:1	100.0	100.0	100.0
Ray	22,949	3,522	15.3%	R	3	1174:1	100.0	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	0		11.6	100.0	100.0
Ripley	13,969	4,979	35.6%	R	0		20.6	100.0	100.0

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
Saline	23,347	5,057	21.7%	R	1	5057:1	86.9	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		82.7	100.0	100.0
Scotland	4,863	822	16.9%	R	0		0.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	4	3114:1	100.0	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		0.0	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		45.9	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	25	1323:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	1	2123:1	54.3	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	13	1276:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	124	810:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	224	700:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	4	701:1	100.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	1	8421:1	100.0	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		96.5	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	1	1529:1	100.0	100.0	100.0
Taney	54,230	13,078	24.1%	R	4	3270:1	99.4	100.0	100.0
Texas	25,642	6,584	25.7%	R	0		2.8	100.0	100.0
Vernon	21,001	5,049	24.0%	R	3	1683:1	100.0	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		100.0	100.0	100.0
Washington	25,077	7,202	28.7%	R	3	2401:1	98.8	100.0	100.0
Wayne	13,452	4,681	34.8%	R	0		45.9	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		72.3	100.0	100.0
Worth	2,073	431	20.8%	R	0		20.9	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		5.5	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		841		**93.9**	**99.9**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Urology/Nephrology)-2017

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
Adair	25,602	1,636	6.4%	R	6	273:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	100.0	100.0	100.0
Atchison	5,382	336	6.2%	R	0	0	2.1	100.0	100.0
Audrain	25,887	1,860	7.2%	R	2	930:1	88.8	100.0	100.0
Barry	35,662	3,686	10.3%	R	1	3686:1	88.3	100.0	100.0
Barton	12,057	839	7.0%	R	0	0	23.1	100.0	100.0
Bates	16,584	1,059	6.4%	R	0	0	92.4	100.0	100.0
Benton	18,806	1,715	9.1%	R	0	0	61.2	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	75.4	100.0	100.0
Boone	172,717	7,012	4.1%	B	37	190:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	10	547:1	99.6	100.0	100.0
Butler	42,972	4,893	11.4%	R	8	612:1	100.0	100.0	100.0
Caldwell	9,034	513	5.7%	R	2	257:1	100.0	100.0	100.0
Callaway	44,750	2,288	5.1%	R	0	0	99.1	100.0	100.0
Camden	44,021	2,110	4.8%	R	9	234:1	98.6	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	10	431:1	100.0	100.0	100.0
Carroll	9,043	592	6.5%	R	3	197:1	100.0	100.0	100.0
Carter	6,258	830	13.3%	R	0	0	50.8	100.0	100.0
Cass	100,889	3,613	3.6%	B	3	1204:1	100.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	0	0	81.9	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	89.1	100.0	100.0
Christian	82,101	3,522	4.3%	B	1	3522:1	99.6	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	23.8	100.0
Clay	233,682	7,795	3.3%	B	18	433:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	100.0	100.0	100.0
Cole	76,557	3,578	4.7%	B	9	398:1	100.0	100.0	100.0
Cooper	17,585	1,064	6.1%	R	3	355:1	100.0	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0	0	50.3	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	23.4	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0	0	82.1	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	100.0	100.0	100.0
DeKalb	12,692	841	6.6%	R	3	280:1	100.0	100.0	100.0
Dent	15,655	1,527	9.8%	R	0	0	4.6	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	5	877:1	98.9	100.0	100.0
Franklin	102,084	5,445	5.3%	B	5	1089:1	96.9	100.0	100.0
Gasconade	14,866	950	6.4%	R	1	950:1	51.2	100.0	100.0
Gentry	6,826	436	6.4%	R	0	0	79.1	100.0	100.0
Greene	285,865	17,632	6.2%	U	37	477:1	100.0	100.0	100.0
Grundy	10,197	747	7.3%	R	3	249:1	100.0	100.0	100.0
Harrison	8,639	654	7.6%	R	1	654:1	99.5	100.0	100.0
Henry	22,028	1,945	8.8%	R	4	486:1	100.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	58.4	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	27.4	100.0	100.0
Howard	10,159	721	7.1%	R	0	0	98.5	100.0	100.0
Howell	40,173	4,233	10.5%	R	6	706:1	93.8	100.0	100.0

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
Iron	10,267	1,297	12.6%	R	2	649:1	91.3	100.0	100.0
Jackson	683,191	39,120	5.7%	U	122	321:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	26	260:1	100.0	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	20	447:1	100.0	100.0	100.0
Johnson	54,362	1,813	3.3%	R	9	201:1	100.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	72.0	100.0	100.0
Laclede	35,439	2,947	8.3%	R	1	2947:1	97.8	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	1	1758:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	0	0	100.0	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	3.0	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	3	925:1	100.0	100.0	100.0
Linn	12,311	777	6.3%	R	1	777:1	100.0	100.0	100.0
Livingston	15,053	995	6.6%	R	4	249:1	100.0	100.0	100.0
Macon	15,479	1,019	6.6%	R	1	1019:1	100.0	100.0	100.0
Madison	12,368	1,246	10.1%	R	1	1246:1	100.0	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	77.3	100.0	100.0
Marion	28,920	2,595	9.0%	R	1	2595:1	99.3	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	61.5	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	84.3	100.0	100.0
Miller	25,141	1,851	7.4%	R	4	463:1	100.0	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	100.0	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	86.4	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	95.0	100.0	100.0
Morgan	20,240	1,814	9.0%	R	4	454:1	100.0	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	71.6	100.0	100.0
Newton	58,598	4,852	8.3%	B	14	347:1	100.0	100.0	100.0
Nodaway	23,081	884	3.8%	R	3	295:1	99.4	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0	0	9.8	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	95.5	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	24.2	100.0	100.0
Pemiscot	17,650	2,551	14.5%	R	0	0	96.6	100.0	100.0
Perry	19,202	1,094	5.7%	R	1	1094:1	100.0	100.0	100.0
Pettis	42,225	3,067	7.3%	R	4	767:1	100.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	4	755:1	99.5	100.0	100.0
Pike	18,541	1,114	6.0%	R	1	1114:1	99.7	100.0	100.0
Platte	94,788	2,175	2.3%	B	1	2175:1	99.1	100.0	100.0
Polk	31,054	2,299	7.4%	R	3	766:1	100.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	1	2275:1	100.0	100.0	100.0
Putnam	4,829	365	7.6%	R	2	183:1	100.0	100.0	100.0
Ralls	10,255	650	6.3%	R	0	0	93.7	100.0	100.0
Randolph	25,072	1,948	7.8%	R	9	216:1	100.0	100.0	100.0
Ray	22,949	1,044	4.5%	R	3	348:1	100.0	100.0	100.0
Reynolds	6,565	621	9.5%	R	0	0	11.1	100.0	100.0
Ripley	13,969	1,826	13.1%	R	0	0	19.5	100.0	100.0
Saline	23,347	1,603	6.9%	R	1	1603:1	88.0	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	81.8	100.0	100.0

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
Scotland	4,863	224	4.6%	R	0	0	0.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	4	1095:1	100.0	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	0.0	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	48.7	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	25	363:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	1	717:1	55.5	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	13	467:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	224	233:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	124	319:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	4	221:1	100.0	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	1	3054:1	100.0	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	96.4	100.0	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	100.0	100.0	100.0
Taney	54,230	3,530	6.5%	R	4	883:1	99.4	100.0	100.0
Texas	25,642	2,073	8.1%	R	0	0	2.6	100.0	100.0
Vernon	21,001	1,672	8.0%	R	3	557:1	100.0	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	100.0	100.0	100.0
Washington	25,077	2,632	10.5%	R	3	877:1	98.9	100.0	100.0
Wayne	13,452	1,785	13.3%	R	0	0	45.8	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	71.2	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	19.7	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	4.6	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		841	0	**93.6**	**99.9**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Radiology)-2016

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
Adair	25,602	4,947	19.3%	R	16	309:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		98.9	100.0	100.0
Atchison	5,382	924	17.2%	R	7	132:1	100.0	100.0	100.0
Audrain	25,887	6,299	24.3%	R	8	787:1	88.9	100.0	100.0
Barry	35,662	13,341	37.4%	R	4	3335:1	100.0	100.0	100.0
Barton	12,057	2,869	23.8%	R	5	574:1	100.0	100.0	100.0
Bates	16,584	3,391	20.4%	R	1	3391:1	100.0	100.0	100.0
Benton	18,806	4,790	25.5%	R	0		48.3	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		88.4	100.0	100.0
Boone	172,717	22,941	13.3%	B	95	241:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	17	1086:1	99.6	100.0	100.0
Butler	42,972	13,648	31.8%	R	17	803:1	100.0	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		45.8	100.0	100.0
Callaway	44,750	7,644	17.1%	R	8	956:1	100.0	100.0	100.0
Camden	44,021	7,510	17.1%	R	44	171:1	98.5	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	76	187:1	100.0	100.0	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	100.0	100.0	100.0
Carter	6,258	2,185	34.9%	R	0		95.7	100.0	100.0
Cass	100,889	15,118	15.0%	B	24	630:1	100.0	100.0	100.0
Cedar	13,952	4,299	30.8%	R	2	2150:1	100.0	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		45.9	100.0	100.0
Christian	82,101	14,800	18.0%	B	4	3700:1	100.0	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	22.9	100.0
Clay	233,682	30,763	13.2%	B	46	669:1	100.0	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		100.0	100.0	100.0
Cole	76,557	12,634	16.5%	B	33	383:1	100.0	100.0	100.0
Cooper	17,585	3,333	19.0%	R	16	208:1	100.0	100.0	100.0
Crawford	24,650	6,103	24.8%	R	0		53.2	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		27.2	100.0	100.0
Dallas	16,389	3,891	23.7%	R	0		80.4	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		42.5	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	0		26.8	100.0	100.0
Dent	15,655	4,321	27.6%	R	1	4321:1	100.0	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		21.6	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	4	3110:1	87.7	100.0	100.0
Franklin	102,084	19,871	19.5%	B	7	2839:1	83.7	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	0		8.0	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	100.0	100.0	100.0
Greene	285,865	57,947	20.3%	U	107	542:1	100.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	2	1140:1	100.0	100.0	100.0
Harrison	8,639	2,178	25.2%	R	0		76.1	100.0	100.0
Henry	22,028	5,609	25.5%	R	18	312:1	100.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		66.5	100.0	100.0
Holt	4,516	796	17.6%	R	0		71.2	100.0	100.0
Howard	10,159	2,195	21.6%	R	0		98.1	100.0	100.0
Howell	40,173	12,761	31.8%	R	49	260:1	100.0	100.0	100.0

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
Iron	10,267	3,399	33.1%	R	0		92.9	100.0	100.0
Jackson	683,191	147,751	21.6%	U	344	430:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	8	3035:1	100.0	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	13	2366:1	100.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	0		52.4	100.0	100.0
Knox	4,000	807	20.2%	R	0		74.5	100.0	100.0
Laclede	35,439	9,941	28.1%	R	7	1420:1	97.1	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	22	286:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	0		100.0	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		5.5	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	15	654:1	100.0	100.0	100.0
Linn	12,311	2,131	17.3%	R	0		30.0	100.0	100.0
Livingston	15,053	2,945	19.6%	R	2	1473:1	100.0	100.0	100.0
Macon	15,479	3,096	20.0%	R	7	442:1	99.7	100.0	100.0
Madison	12,368	3,644	29.5%	R	1	3644:1	100.0	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		77.4	100.0	100.0
Marion	28,920	7,115	24.6%	R	51	140:1	99.8	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		60.9	100.0	100.0
Mercer	3,719	722	19.4%	R	0		64.0	100.0	100.0
Miller	25,141	6,281	25.0%	R	0		96.6	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	1	4705:1	100.0	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		98.6	100.0	100.0
Monroe	8,707	977	11.2%	R	0		87.8	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		42.4	100.0	100.0
Morgan	20,240	5,158	25.5%	R	0		50.5	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		94.5	100.0	100.0
Newton	58,598	17,745	30.3%	B	44	403:1	100.0	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	0		22.9	100.0	100.0
Oregon	10,911	3,634	33.3%	R	0		9.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		69.3	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		17.8	100.0	100.0
Pemiscot	17,650	7,173	40.6%	R	1	7173:1	100.0	100.0	100.0
Perry	19,202	3,669	19.1%	R	1	3669:1	100.0	100.0	100.0
Pettis	42,225	10,827	25.6%	R	12	902:1	100.0	100.0	100.0
Phelps	44,847	9,505	21.2%	R	40	238:1	100.0	100.0	100.0
Pike	18,541	3,395	18.3%	R	1	3395:1	99.8	100.0	100.0
Platte	94,788	9,061	9.6%	B	15	604:1	99.7	100.0	100.0
Polk	31,054	7,867	25.3%	R	9	874:1	100.0	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	0		57.1	100.0	100.0
Putnam	4,829	1,082	22.4%	R	1	1082:1	100.0	100.0	100.0
Ralls	10,255	2,006	19.6%	R	0		93.0	100.0	100.0
Randolph	25,072	5,833	23.3%	R	11	530:1	100.0	100.0	100.0
Ray	22,949	3,522	15.3%	R	1	3522:1	100.0	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	20	90:1	100.0	100.0	100.0
Ripley	13,969	4,979	35.6%	R	0		23.3	100.0	100.0

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
Saline	23,347	5,057	21.7%	R	6	843:1	100.0	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		82.7	100.0	100.0
Scotland	4,863	822	16.9%	R	0		0.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	30	415:1	100.0	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		76.1	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		78.4	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	241	137:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	7	303:1	100.0	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	7	2369:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	296	339:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	606	259:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	2	1402:1	100.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	0		64.6	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		100.0	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	1	1529:1	100.0	100.0	100.0
Taney	54,230	13,078	24.1%	R	15	872:1	99.6	100.0	100.0
Texas	25,642	6,584	25.7%	R	15	439:1	98.6	100.0	100.0
Vernon	21,001	5,049	24.0%	R	4	1262:1	100.0	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		98.8	100.0	100.0
Washington	25,077	7,202	28.7%	R	0		65.6	100.0	100.0
Wayne	13,452	4,681	34.8%	R	0		94.9	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		67.3	100.0	100.0
Worth	2,073	431	20.8%	R	0		86.3	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		19.5	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**2470**		**93.8**	**99.9**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Radiology)-2017

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
Adair	25,602	1,636	6.4%	R	16	102:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	99.0	100.0	100.0
Atchison	5,382	336	6.2%	R	7	48:1	100.0	100.0	100.0
Audrain	25,887	1,860	7.2%	R	8	233:1	88.8	100.0	100.0
Barry	35,662	3,686	10.3%	R	4	922:1	100.0	100.0	100.0
Barton	12,057	839	7.0%	R	5	168:1	100.0	100.0	100.0
Bates	16,584	1,059	6.4%	R	1	1059:1	100.0	100.0	100.0
Benton	18,806	1,715	9.1%	R	0	0	45.4	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	87.2	100.0	100.0
Boone	172,717	7,012	4.1%	B	95	74:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	17	322:1	99.6	100.0	100.0
Butler	42,972	4,893	11.4%	R	17	288:1	100.0	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	43.9	100.0	100.0
Callaway	44,750	2,288	5.1%	R	8	286:1	100.0	100.0	100.0
Camden	44,021	2,110	4.8%	R	44	48:1	98.6	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	76	57:1	100.0	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	100.0	100.0	100.0
Carter	6,258	830	13.3%	R	0	0	95.1	100.0	100.0
Cass	100,889	3,613	3.6%	B	24	151:1	100.0	100.0	100.0
Cedar	13,952	1,380	9.9%	R	2	690:1	100.0	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	47.1	100.0	100.0
Christian	82,101	3,522	4.3%	B	4	881:1	100.0	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	23.8	100.0
Clay	233,682	7,795	3.3%	B	46	169:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	100.0	100.0	100.0
Cole	76,557	3,578	4.7%	B	33	108:1	100.0	100.0	100.0
Cooper	17,585	1,064	6.1%	R	16	67:1	100.0	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0	0	53.8	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	24.1	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0	0	82.1	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	41.5	100.0	100.0
DeKalb	12,692	841	6.6%	R	0	0	26.8	100.0	100.0
Dent	15,655	1,527	9.8%	R	1	1527:1	100.0	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	21.7	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	4	1096:1	87.5	100.0	100.0
Franklin	102,084	5,445	5.3%	B	7	778:1	81.6	100.0	100.0
Gasconade	14,866	950	6.4%	R	0	0	8.7	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	100.0	100.0	100.0
Greene	285,865	17,632	6.2%	U	107	165:1	100.0	100.0	100.0
Grundy	10,197	747	7.3%	R	2	374:1	100.0	100.0	100.0
Harrison	8,639	654	7.6%	R	0	0	77.1	100.0	100.0
Henry	22,028	1,945	8.8%	R	18	108:1	100.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	70.3	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	70.5	100.0	100.0
Howard	10,159	721	7.1%	R	0	0	98.5	100.0	100.0

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
Howell	40,173	4,233	10.5%	R	49	86:1	100.0	100.0	100.0
Iron	10,267	1,297	12.6%	R	0	0	92.0	100.0	100.0
Jackson	683,191	39,120	5.7%	U	344	114:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	8	845:1	100.0	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	13	688:1	100.0	100.0	100.0
Johnson	54,362	1,813	3.3%	R	0	0	49.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	72.0	100.0	100.0
Laclede	35,439	2,947	8.3%	R	7	421:1	97.4	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	22	80:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	0	0	100.0	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	6.0	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	15	185:1	100.0	100.0	100.0
Linn	12,311	777	6.3%	R	0	0	27.8	100.0	100.0
Livingston	15,053	995	6.6%	R	2	498:1	100.0	100.0	100.0
Macon	15,479	1,019	6.6%	R	7	146:1	99.7	100.0	100.0
Madison	12,368	1,246	10.1%	R	1	1246:1	100.0	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	77.3	100.0	100.0
Marion	28,920	2,595	9.0%	R	51	51:1	99.8	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	67.0	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	75.9	100.0	100.0
Miller	25,141	1,851	7.4%	R	0	0	96.9	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	1	1717:1	100.0	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	99.1	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	86.4	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	42.1	100.0	100.0
Morgan	20,240	1,814	9.0%	R	0	0	51.0	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	93.9	100.0	100.0
Newton	58,598	4,852	8.3%	B	44	110:1	100.0	100.0	100.0
Nodaway	23,081	884	3.8%	R	0	0	23.4	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0	0	9.8	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	70.2	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	15.1	100.0	100.0
Pemiscot	17,650	2,551	14.5%	R	1	2551:1	100.0	100.0	100.0
Perry	19,202	1,094	5.7%	R	1	1094:1	100.0	100.0	100.0
Pettis	42,225	3,067	7.3%	R	12	256:1	100.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	40	75:1	100.0	100.0	100.0
Pike	18,541	1,114	6.0%	R	1	1114:1	99.7	100.0	100.0
Platte	94,788	2,175	2.3%	B	15	145:1	99.6	100.0	100.0
Polk	31,054	2,299	7.4%	R	9	255:1	100.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	0	0	55.8	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	100.0	100.0	100.0
Ralls	10,255	650	6.3%	R	0	0	93.7	100.0	100.0
Randolph	25,072	1,948	7.8%	R	11	177:1	100.0	100.0	100.0
Ray	22,949	1,044	4.5%	R	1	1044:1	100.0	100.0	100.0
Reynolds	6,565	621	9.5%	R	20	31:1	100.0	100.0	100.0
Ripley	13,969	1,826	13.1%	R	0	0	22.0	100.0	100.0
Saline	23,347	1,603	6.9%	R	6	267:1	100.0	100.0	100.0

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
Schuyler	4,370	296	6.8%	R	0	0	81.8	100.0	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	30	146:1	100.0	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	77.2	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	80.0	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	241	38:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	7	102:1	100.0	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	7	868:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	606	86:1	100.0	100.0	100.0
St. Louis City	317,419	39,585	12.5%	U	296	134:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	2	442:1	100.0	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	0	0	64.6	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	100.0	100.0	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	100.0	100.0	100.0
Taney	54,230	3,530	6.5%	R	15	235:1	99.6	100.0	100.0
Texas	25,642	2,073	8.1%	R	15	138:1	98.6	100.0	100.0
Vernon	21,001	1,672	8.0%	R	4	418:1	100.0	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	98.7	100.0	100.0
Washington	25,077	2,632	10.5%	R	0	0	62.2	100.0	100.0
Wayne	13,452	1,785	13.3%	R	0	0	95.1	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	66.0	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	85.0	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	18.8	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**2470**	149:1	**93.6**	**99.9**	**100.0**

FFS Network Adequacy – Physician Specialty Services (Radiology)-2018

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
Kansas	N/A	N/A	N/A	N/A	1	N/A	N/A	N/A	N/A
Tennnessee	N/A	N/A	N/A	N/A	2	N/A	N/A	N/A	N/A
Adair	25,377	1,604	15.8	R	16	4:1	100.0	100.0	100.0
Andrew	17,555	1,313	13.4	R	0		100.0	100.0	100.0
Atchison	5,275	324	16.3	R	6	54:1	100.0	100.0	100.0
Audrain	25,641	1,850	13.9	R	37	50:1	100.0	100.0	100.0
Barry	35,668	3,616	9.9	R	4	904:1	100.0	100.0	100.0
Barton	11,850	821	14.4	R	8	103:1	100.0	100.0	100.0
Bates	16,334	1,029	15.9	R	1	1029:1	100.0	100.0	100.0
Benton	19,074	1,718	11.1	R	1	1718:1	100.0	100.0	100.0
Bollinger	12,306	973	12.6	R	0		88.6	100.0	100.0
Boone	178,271	6,960	25.6	B	133	52:1	100.0	100.0	100.0
Buchanan	89,065	5,321	16.7	B	31	172:1	100.0	100.0	100.0
Butler	42,666	4,807	8.9	R	31	155:1	100.0	100.0	100.0
Caldwell	9,100	503	18.1	R	0		93.4	100.0	100.0
Callaway	45,632	2,238	20.4	R	9	249:1	100.0	100.0	100.0
Camden	78,161	2,090	37.4	R	39	54:1	100.0	100.0	100.0
Cape Girardeau	78,161	4,321	18.1	B	114	38:1	100.0	100.0	100.0
Carroll	8,796	607	14.5	R	2	304:1	100.0	100.0	100.0
Carter	6,169	815	7.6	R	0		100.0	100.0	100.0
Cass	103,724	3,554	29.2	B	35	102:1	100.0	100.0	100.0
Cedar	14,073	1,325	10.6	R	2	663:1	100.0	100.0	100.0
Chariton	7,480	625	12.0	R	0		56.0	100.0	100.0
Christian	85,432	3,550	24.1	B	3	1183:1	100.0	100.0	100.0
Clark	6,723	376	17.9	R	0		0.0	93.9	100.0
Clay	242,874	7,686	31.6	B	70	110:1	100.0	100.0	100.0
Clinton	20,554	532	38.6	R	0		100.0	100.0	100.0
Cole	76,708	3,514	21.8	B	44	80:1	100.0	100.0	100.0
Cooper	17,644	1,056	16.7	R	14	75:1	100.0	100.0	100.0
Crawford	24,102	1,884	12.8	R	0		77.0	100.0	100.0
Dade	7,588	545	13.9	R	0		47.2	100.0	100.0
Dallas	16,673	1,337	12.5	R	0		100.0	100.0	100.0
Daviess	8,361	451	18.5	R	0		86.0	100.0	100.0
DeKalb	12,588	812	15.5	R	0		34.6	100.0	100.0
Dent	15,480	1,495	10.4	R	1	1495:1	100.0	100.0	100.0
Douglas	13,300	1,071	12.4	R	0		51.4	100.0	100.0
Dunklin	30,119	4,316	7.0	R	4	1079:1	100.0	100.0	100.0
Franklin	103,330	5,438	19.0	B	62	88:1	94.6	100.0	100.0
Gasconade	14,726	941	15.6	R	0		41.2	100.0	100.0
Gentry	6,665	434	15.4	R	2	217:1	100.0	100.0	100.0
Greene	289,805	17,374	16.7	U	113	154:1	100.0	100.0	100.0
Grundy	9,949	788	12.6	R	3	263:1	100.0	100.0	100.0
Harrison	8,524	628	13.6	R	0		92.2	100.0	100.0
Henry	21,718	1,930	11.3	R	18	107:1	100.0	100.0	100.0
Hickory	9,475	697	13.6	R	0		92.7	100.0	100.0

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
Holt	4,413	246	17.9	R	0		100.0	100.0	100.0
Howard	10,139	701	14.5	R	0		100.0	100.0	100.0
Howell	40,103	4,230	9.5	R	50	85:1	100.0	100.0	100.0
Iron	10,226	1,285	8.0	R	0		100.0	100.0	100.0
Jackson	698,895	38,520	18.1	U	456	84:1	100.0	100.0	100.0
Jasper	120,217	6,708	17.9	B	20	335:1	100.0	100.0	100.0
Jefferson	223,810	8,763	25.5	B	15	584:1	100.0	100.0	100.0
Johnson	53,897	1,834	29.4	R	1	1834:1	100.0	100.0	100.0
Knox	3,977	242	16.4	R	0		79.3	100.0	100.0
Laclede	35,443	2,956	12.0	R	8	370:1	100.0	100.0	100.0
Lafayette	32,641	1,740	18.8	R	17	102:1	100.0	100.0	100.0
Lawrence	38,434	1,456	26.4	R	0		100.0	100.0	100.0
Lewis	9,967	576	17.3	R	0		19.8	100.0	100.0
Lincoln	56,183	2,714	20.7	R	28	97:1	100.0	100.0	100.0
Linn	12,194	752	16.2	R	0		34.6	100.0	100.0
Livingston	15,173	1,033	14.7	R	3	344:1	100.0	100.0	100.0
Macon	15,251	967	15.8	R	7	138:1	100.0	100.0	100.0
Madison	12,243	1,239	9.9	R	0		86.3	100.0	100.0
Maries	8,867	414	21.4	R	0		86.5	100.0	100.0
Marion	28,634	2,530	11.3	R	54	47:1	100.0	100.0	100.0
McDonald	22,828	1,562	14.6	R	0		88.3	100.0	100.0
Mercer	3,678	220	16.7	R	0		73.6	100.0	100.0
Miller	25,228	1,786	14.1	R	1	1786:1	100.0	100.0	100.0
Mississippi	13,586	1,652	8.2	R	0		100.0	100.0	100.0
Moniteau	16,063	695	23.1	R	0		99.7	100.0	100.0
Monroe	8,612	309	27.9	R	0		100.0	100.0	100.0
Montgomery	11,438	826	13.8	R	0		96.6	100.0	100.0
Morgan	20,145	1,777	11.3	R	0		99.5	100.0	100.0
New Madrid	17,582	1,962	9.0	R	0		98.4	100.0	100.0
Newton	58,290	4,873	12.0	B	57	85:1	100.0	100.0	100.0
Nodaway	22,472	891	25.2	R	1	891:1	100.0	100.0	100.0
Oregon	10,558	1,250	8.4	R	0		94.2	100.0	100.0
Osage	13,662	436	31.3	R	0		95.6	100.0	100.0
Ozark	9,186	754	12.2	R	0		38.2	100.0	100.0
Pemiscot	16,826	2,472	6.8	R	2	1236:1	100.0	100.0	100.0
Perry	19,225	1,066	18.0	R	1	1066:1	100.0	100.0	100.0
Pettis	42,558	3,055	13.9	R	17	180:1	100.0	100.0	100.0
Phelps	44,744	2,975	15.0	R	48	62:1	100.0	100.0	100.0
Pike	18,567	1,100	16.9	R	2	550:1	100.0	100.0	100.0
Platte	101,187	2,165	46.7	B	32	68:1	100.0	100.0	100.0
Polk	31,794	2,267	14.0	R	7	324:1	100.0	100.0	100.0
Pulaski	52,059	2,283	22.8	R	0		95.0	100.0	100.0
Putnam	4,811	345	13.9	R	0		25.2	100.0	100.0
Ralls	10,224	651	15.7	R	1	651:1	100.0	100.0	100.0
Randolph	24,945	1,914	13.0	R	21	91:1	100.0	100.0	100.0
Ray	22,855	1,016	22.5	R	1	1016:1	100.0	100.0	100.0

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
Reynolds	6,275	612	10.3	R	89	7:1	100.0	100.0	100.0
Ripley	13,564	1,817	7.5	R	0		96.4	100.0	100.0
Saline	22,660	1,546	14.7	R	5	309:1	100.0	100.0	100.0
Schuyler	4,508	281	16.0	R	0		98.9	100.0	100.0
Scotland	4,963	231	21.5	R	0		0.0	100.0	100.0
Scott	38,541	4,299	9.0	R	37	116:1	100.0	100.0	100.0
Shannon	8,249	883	9.3	R	0		100.0	100.0	100.0
Shelby	6,021	426	14.1	R	0		92.3	100.0	100.0
St. Charles	395,504	9,015	43.9	U	221	41:1	100.0	100.0	100.0
St. Clair	9,362	715	13.1	R	2	358:1	100.0	100.0	100.0
St. Francois	66,705	5,949	11.2	B	7	850:1	100.0	100.0	100.0
St. Louis Co.	996,726	50,625	19.7	U	947	53:1	100.0	100.0	100.0
St. Louis City	308,626	37,869	8.1	U	581	65:1	100.0	100.0	100.0
Ste. Genevieve	17,843	882	20.2	R	3	294:1	100.0	100.0	100.0
Stoddard	29,369	2,952	9.9	R	0		98.6	100.0	100.0
Stone	31,699	1,607	19.7	R	0		100.0	100.0	100.0
Sullivan	6,229	446	14.0	R	0		67.3	100.0	100.0
Taney	55,355	3,467	16.0	R	13	267:1	99.9	100.0	100.0
Texas	25,735	2,054	12.5	R	12	171:1	100.0	100.0	100.0
Vernon	20,437	1,644	12.4	R	9	183:1	100.0	100.0	100.0
Warren	34,373	1,534	22.4	R	0		100.0	100.0	100.0
Washington	25,022	2,574	9.7	R	7	368:1	100.0	100.0	100.0
Wayne	13,296	1,752	7.6	R	0		89.9	100.0	100.0
Webster	38,665	2,481	15.6	R	0		90.7	100.0	100.0
Worth	2,057	129	15.9	R	0		100.0	100.0	100.0
Wright	18,331	2,143	8.6	R	1	2143:1	100.0	100.0	100.0
TOTAL:	**6,146,661**	**360,410**			**3,590**		**98.1**	**100.0**	**100.0**

FFS Network Adequacy – Behavioral Health Services (LCSW - LMSW)-2016

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
Adair	25,602	4,947	19.3%	R	8	618:1	90.7	100.0	100.0
Andrew	17,379	4,822	27.7%	R	7	689:1	94.7	100.0	100.0
Atchison	5,382	924	17.2%	R	1	924:1	80.2	100.0	100.0
Audrain	25,887	6,299	24.3%	R	11	573:1	82.4	100.0	100.0
Barry	35,662	13,341	37.4%	R	10	1334:1	81.0	100.0	100.0
Barton	12,057	2,869	23.8%	R	10	287:1	81.9	95.9	100.0
Bates	16,584	3,391	20.4%	R	2	1696:1	50.5	100.0	100.0
Benton	18,806	4,790	25.5%	R	7	684:1	76.5	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	3	1065:1	67.2	94.6	100.0
Boone	172,717	22,941	13.3%	B	74	310:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	42	440:1	97.5	99.5	100.0
Butler	42,972	13,648	31.8%	R	18	758:1	90.2	99.5	100.0
Caldwell	9,034	1,693	18.7%	R	0		4.3	65.4	100.0
Callaway	44,750	7,644	17.1%	R	17	450:1	96.1	100.0	100.0
Camden	44,021	7,510	17.1%	R	3	2503:1	81.8	100.0	100.0
ıpe Girardea	78,043	14,234	18.2%	B	28	508:1	92.5	100.0	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	2.8	91.2	100.0
Carter	6,258	2,185	34.9%	R	3	728:1	48.0	100.0	100.0
Cass	100,889	15,118	15.0%	B	15	1008:1	81.6	97.8	100.0
Cedar	13,952	4,299	30.8%	R	5	860:1	91.2	100.0	100.0
Chariton	7,694	2,018	26.2%	R	3	673:1	51.5	100.0	100.0
Christian	82,101	14,800	18.0%	B	5	2960:1	91.4	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	22.9	100.0
Clay	233,682	30,763	13.2%	B	68	452:1	99.7	100.0	100.0
Clinton	20,299	2,120	10.4%	R	2	1060:1	58.0	100.0	100.0
Cole	76,557	12,634	16.5%	B	32	395:1	91.8	100.0	100.0
Cooper	17,585	3,333	19.0%	R	5	667:1	71.1	100.0	100.0
Crawford	24,650	6,103	24.8%	R	4	1526:1	87.0	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		25.5	100.0	100.0
Dallas	16,389	3,891	23.7%	R	4	973:1	87.1	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		0.0	58.1	100.0
DeKalb	12,692	2,922	23.0%	R	4	731:1	73.6	99.8	100.0
Dent	15,655	4,321	27.6%	R	0		5.6	28.5	100.0
Douglas	13,546	3,386	25.0%	R	4	847:1	86.7	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	15	829:1	63.1	94.9	100.0
Franklin	102,084	19,871	19.5%	B	14	1419:1	83.8	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	1	3112:1	32.8	97.6	100.0
Gentry	6,826	1,515	22.2%	R	3	505:1	72.8	100.0	100.0
Greene	285,865	57,947	20.3%	U	132	439:1	98.1	100.0	100.0
Grundy	10,197	2,279	22.3%	R	7	326:1	85.4	100.0	100.0
Harrison	8,639	2,178	25.2%	R	4	545:1	75.4	98.0	100.0
Henry	22,028	5,609	25.5%	R	22	255:1	80.8	99.5	100.0
Hickory	9,219	1,917	20.8%	R	2	959:1	81.5	100.0	100.0
Holt	4,516	796	17.6%	R	5	159:1	78.1	100.0	100.0
Howard	10,159	2,195	21.6%	R	2	1098:1	92.8	100.0	100.0
Howell	40,173	12,761	31.8%	R	15	851:1	91.5	100.0	100.0

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
Iron	10,267	3,399	33.1%	R	6	567:1	87.7	100.0	100.0
Jackson	683,191	147,751	21.6%	U	371	398:1	99.3	100.0	100.0
Jasper	117,543	24,278	20.7%	B	35	694:1	98.9	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	40	769:1	97.1	100.0	100.0
Johnson	54,362	6,748	12.4%	R	6	1125:1	62.8	100.0	100.0
Knox	4,000	807	20.2%	R	1	807:1	74.5	95.2	100.0
Laclede	35,439	9,941	28.1%	R	5	1988:1	82.8	99.1	100.0
Lafayette	32,688	6,297	19.3%	R	12	525:1	73.5	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	4	1368:1	94.5	100.0	100.0
Lewis	10,138	1,745	17.2%	R	1	1745:1	61.9	98.7	100.0
Lincoln	54,249	9,810	18.1%	R	5	1962:1	84.1	99.7	100.0
Linn	12,311	2,131	17.3%	R	1	2131:1	48.4	96.7	100.0
Livingston	15,053	2,945	19.6%	R	0		0.0	19.2	100.0
Macon	15,479	3,096	20.0%	R	1	3096:1	60.0	100.0	100.0
Madison	12,368	3,644	29.5%	R	0		0.0	71.1	100.0
Maries	9,013	1,381	15.3%	R	1	1381:1	57.5	91.7	100.0
Marion	28,920	7,115	24.6%	R	20	356:1	99.5	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		0.0	21.9	100.0
Mercer	3,719	722	19.4%	R	1	722:1	72.9	100.0	100.0
Miller	25,141	6,281	25.0%	R	1	6281:1	71.5	96.8	100.0
Mississippi	14,232	4,705	33.1%	R	0		7.7	94.2	100.0
Moniteau	15,856	2,600	16.4%	R	2	1300:1	66.1	100.0	100.0
Monroe	8,707	977	11.2%	R	0		0.0	53.3	100.0
Montgomery	11,841	2,713	22.9%	R	0		28.1	94.1	100.0
Morgan	20,240	5,158	25.5%	R	1	5158:1	53.5	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	4	1443:1	79.2	100.0	100.0
Newton	58,598	17,745	30.3%	B	28	634:1	61.2	99.4	100.0
Nodaway	23,081	2,662	11.5%	R	6	444:1	68.6	99.1	100.0
Oregon	10,911	3,634	33.3%	R	2	1817:1	47.6	100.0	100.0
Osage	13,703	1,413	10.3%	R	2	707:1	77.8	100.0	100.0
Ozark	9,492	2,429	25.6%	R	2	1215:1	45.8	96.7	100.0
Pemiscot	17,650	7,173	40.6%	R	1	7173:1	66.2	100.0	100.0
Perry	19,202	3,669	19.1%	R	5	734:1	81.6	99.0	100.0
Pettis	42,225	10,827	25.6%	R	6	1805:1	87.6	100.0	100.0
Phelps	44,847	9,505	21.2%	R	17	559:1	92.6	100.0	100.0
Pike	18,541	3,395	18.3%	R	1	3395:1	39.1	95.7	100.0
Platte	94,788	9,061	9.6%	B	6	1510:1	81.1	97.7	100.0
Polk	31,054	7,867	25.3%	R	15	524:1	91.9	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	15	538:1	68.3	100.0	100.0
Putnam	4,829	1,082	22.4%	R	0		0.0	3.6	100.0
Ralls	10,255	2,006	19.6%	R	0		25.3	89.7	100.0
Randolph	25,072	5,833	23.3%	R	8	729:1	93.0	100.0	100.0
Ray	22,949	3,522	15.3%	R	3	1174:1	78.1	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	15	120:1	81.0	100.0	100.0
Ripley	13,969	4,979	35.6%	R	7	711:1	96.0	99.6	100.0

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
Saline	23,347	5,057	21.7%	R	17	297:1	94.6	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		0.0	49.8	100.0
Scotland	4,863	822	16.9%	R	2	411:1	71.9	100.0	100.0
Scott	38,903	12,455	32.0%	R	17	733:1	79.6	100.0	100.0
Shannon	8,329	2,337	28.1%	R	2	1169:1	21.0	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		0.0	37.8	100.0
St. Charles	379,493	33,082	8.7%	U	48	689:1	99.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	3	708:1	66.3	87.4	100.0
St. Francois	65,960	16,584	25.1%	B	45	369:1	97.8	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	113	889:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	335	468:1	100.0	100.0	100.0
te. Geneviev	17,914	2,803	15.6%	R	1	2803:1	60.5	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	7	1203:1	78.1	100.0	100.0
Stone	31,104	5,756	18.5%	R	3	1919:1	70.5	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		0.0	20.1	100.0
Taney	54,230	13,078	24.1%	R	2	6539:1	84.4	99.5	100.0
Texas	25,642	6,584	25.7%	R	2	3292:1	46.4	99.5	100.0
Vernon	21,001	5,049	24.0%	R	22	230:1	76.8	99.0	100.0
Warren	33,253	6,188	18.6%	R	6	1031:1	93.6	100.0	100.0
Washingtor	25,077	7,202	28.7%	R	2	3601:1	70.4	100.0	100.0
Wayne	13,452	4,681	34.8%	R	5	936:1	80.7	100.0	100.0
Webster	36,888	9,281	25.2%	R	12	773:1	85.8	100.0	100.0
Worth	2,073	431	20.8%	R	0		0.0	74.0	100.0
Wright	18,291	6,926	37.9%	R	3	2309:1	70.2	97.9	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**1,922**		**87.3**	**98.1**	**100.0**

FFS Network Adequacy – Behavioral Health Services (LCSW - LMSW)-2017

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
Adair	25,602	1,636	6.4%	R	8	205:1	92.1	100.0	100.0
Andrew	17,379	1,299	7.5%	R	7	186:1	95.2	100.0	100.0
Atchison	5,382	336	6.2%	R	1	336:1	82.7	100.0	100.0
Audrain	25,887	1,860	7.2%	R	11	169:1	82.1	100.0	100.0
Barry	35,662	3,686	10.3%	R	10	369:1	81.2	100.0	100.0
Barton	12,057	839	7.0%	R	10	84:1	81.5	95.4	100.0
Bates	16,584	1,059	6.4%	R	2	530:1	54.8	100.0	100.0
Benton	18,806	1,715	9.1%	R	7	245:1	77.1	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	3	338:1	70.2	96.4	100.0
Boone	172,717	7,012	4.1%	B	74	95:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	42	130:1	97.8	99.5	100.0
Butler	42,972	4,893	11.4%	R	18	272:1	91.0	99.5	100.0
Caldwell	9,034	513	5.7%	R	0	0	3.7	67.6	100.0
Callaway	44,750	2,288	5.1%	R	17	135:1	96.8	100.0	100.0
Camden	44,021	2,110	4.8%	R	3	703:1	82.6	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	28	154:1	93.8	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	1.9	92.7	100.0
Carter	6,258	830	13.3%	R	3	277:1	52.2	100.0	100.0
Cass	100,889	3,613	3.6%	B	15	241:1	81.6	97.8	100.0
Cedar	13,952	1,380	9.9%	R	5	276:1	90.4	100.0	100.0
Chariton	7,694	645	8.4%	R	3	215:1	51.9	100.0	100.0
Christian	82,101	3,522	4.3%	B	5	704:1	91.7	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	23.8	100.0
Clay	233,682	7,795	3.3%	B	68	115:1	99.7	100.0	100.0
Clinton	20,299	558	2.7%	R	2	279:1	59.7	100.0	100.0
Cole	76,557	3,578	4.7%	B	32	112:1	92.2	100.0	100.0
Cooper	17,585	1,064	6.1%	R	5	213:1	71.9	100.0	100.0
Crawford	24,650	1,910	7.7%	R	4	478:1	86.8	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	22.6	100.0	100.0
Dallas	16,389	1,339	8.2%	R	4	335:1	88.9	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	0.0	54.8	100.0
DeKalb	12,692	841	6.6%	R	4	210:1	74.3	99.9	100.0
Dent	15,655	1,527	9.8%	R	0	0	5.4	28.5	100.0
Douglas	13,546	1,057	7.8%	R	4	264:1	88.6	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	15	292:1	65.2	95.3	100.0
Franklin	102,084	5,445	5.3%	B	14	389:1	83.8	100.0	100.0
Gasconade	14,866	950	6.4%	R	1	950:1	33.4	97.4	100.0
Gentry	6,826	436	6.4%	R	3	145:1	74.8	100.0	100.0
Greene	285,865	17,632	6.2%	U	132	134:1	98.3	100.0	100.0
Grundy	10,197	747	7.3%	R	7	107:1	86.5	100.0	100.0
Harrison	8,639	654	7.6%	R	4	164:1	75.5	97.9	100.0
Henry	22,028	1,945	8.8%	R	22	88:1	82.2	99.9	100.0
Hickory	9,219	707	7.7%	R	2	354:1	82.2	100.0	100.0

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
Holt	4,516	237	5.2%	R	5	47:1	80.2	100.0	100.0
Howard	10,159	721	7.1%	R	2	361:1	92.2	100.0	100.0
Howell	40,173	4,233	10.5%	R	15	282:1	92.0	100.0	100.0
Iron	10,267	1,297	12.6%	R	6	216:1	85.5	100.0	100.0
Jackson	683,191	39,120	5.7%	U	371	105:1	99.4	100.0	100.0
Jasper	117,543	6,762	5.8%	B	35	193:1	99.1	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	40	224:1	96.8	100.0	100.0
Johnson	54,362	1,813	3.3%	R	6	302:1	64.8	100.0	100.0
Knox	4,000	239	6.0%	R	1	239:1	72.0	95.4	100.0
Laclede	35,439	2,947	8.3%	R	5	589:1	83.9	99.2	100.0
Lafayette	32,688	1,758	5.4%	R	12	147:1	72.8	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	4	362:1	95.1	100.0	100.0
Lewis	10,138	605	6.0%	R	1	605:1	63.6	98.7	100.0
Lincoln	54,249	2,774	5.1%	R	5	555:1	82.3	99.7	100.0
Linn	12,311	777	6.3%	R	1	777:1	49.5	97.9	100.0
Livingston	15,053	995	6.6%	R	0	0	0.0	18.6	100.0
Macon	15,479	1,019	6.6%	R	1	1019:1	63.8	100.0	100.0
Madison	12,368	1,246	10.1%	R	0	0	0.0	71.2	100.0
Maries	9,013	428	4.7%	R	1	428:1	58.6	92.3	100.0
Marion	28,920	2,595	9.0%	R	20	130:1	99.8	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	0.0	22.5	100.0
Mercer	3,719	216	5.8%	R	1	216:1	80.6	100.0	100.0
Miller	25,141	1,851	7.4%	R	1	1851:1	71.3	96.4	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	8.3	94.2	100.0
Moniteau	15,856	680	4.3%	R	2	340:1	63.8	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	0.0	48.9	100.0
Montgomery	11,841	852	7.2%	R	0	0	29.7	95.8	100.0
Morgan	20,240	1,814	9.0%	R	1	1814:1	52.5	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	4	520:1	78.5	100.0	100.0
Newton	58,598	4,852	8.3%	B	28	173:1	62.5	99.5	100.0
Nodaway	23,081	884	3.8%	R	6	147:1	72.6	99.0	100.0
Oregon	10,911	1,260	11.5%	R	2	630:1	43.8	100.0	100.0
Osage	13,703	426	3.1%	R	2	213:1	82.4	100.0	100.0
Ozark	9,492	796	8.4%	R	2	398:1	48.9	97.6	100.0
Pemiscot	17,650	2,551	14.5%	R	1	2551:1	65.0	100.0	100.0
Perry	19,202	1,094	5.7%	R	5	219:1	82.6	99.4	100.0
Pettis	42,225	3,067	7.3%	R	6	511:1	89.8	100.0	100.0
Phelps	44,847	3,019	6.7%	R	17	178:1	92.6	100.0	100.0
Pike	18,541	1,114	6.0%	R	1	1114:1	36.8	96.5	100.0
Platte	94,788	2,175	2.3%	B	6	363:1	76.9	96.9	100.0
Polk	31,054	2,299	7.4%	R	15	153:1	92.2	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	15	152:1	67.0	100.0	100.0
Putnam	4,829	365	7.6%	R	0	0	0.0	4.9	100.0
Ralls	10,255	650	6.3%	R	0	0	26.2	89.4	100.0
Randolph	25,072	1,948	7.8%	R	8	244:1	94.3	100.0	100.0
Ray	22,949	1,044	4.5%	R	3	348:1	82.7	100.0	100.0
Reynolds	6,565	621	9.5%	R	15	41:1	82.4	100.0	100.0

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
Ripley	13,969	1,826	13.1%	R	7	261:1	96.8	99.7	100.0
Saline	23,347	1,603	6.9%	R	17	94:1	94.6	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	0.0	54.4	100.0
Scotland	4,863	224	4.6%	R	2	112:1	76.8	100.0	100.0
Scott	38,903	4,380	11.3%	R	17	258:1	79.8	100.0	100.0
Shannon	8,329	882	10.6%	R	2	441:1	20.1	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	0.0	38.4	100.0
St. Charles	379,493	9,085	2.4%	U	48	189:1	99.1	100.0	100.0
St. Clair	9,457	717	7.6%	R	3	239:1	69.0	88.7	100.0
St. Francois	65,960	6,074	9.2%	B	45	135:1	97.9	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	335	156:1	100.0	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	113	350:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	1	884:1	61.4	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	7	436:1	78.5	100.0	100.0
Stone	31,104	1,633	5.3%	R	3	544:1	71.0	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	0.0	23.6	100.0
Taney	54,230	3,530	6.5%	R	2	1765:1	82.9	99.4	100.0
Texas	25,642	2,073	8.1%	R	2	1037:1	45.7	99.6	100.0
Vernon	21,001	1,672	8.0%	R	22	76:1	80.1	99.0	100.0
Warren	33,253	1,574	4.7%	R	6	262:1	94.0	100.0	100.0
Washington	25,077	2,632	10.5%	R	2	1316:1	71.4	100.0	100.0
Wayne	13,452	1,785	13.3%	R	5	357:1	78.8	100.0	100.0
Webster	36,888	2,495	6.8%	R	12	208:1	85.4	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	0.0	72.4	100.0
Wright	18,291	2,195	12.0%	R	3	732:1	69.8	97.7	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**1,922**	191:1	**87.5**	**98.2**	**100.0**

FFS Network Adequacy – Behavioral Health Services (Psychology)-2016

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

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
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

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
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 (Psychology)-2017

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 40 miles
Adair	25,602	1,636	6.4%	R	2	818:1	91.4	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	82.4	98.0	100.0
Atchison	5,382	336	6.2%	R	0	0	0.0	0.0	16.4
Audrain	25,887	1,860	7.2%	R	4	465:1	59.8	84.0	100.0
Barry	35,662	3,686	10.3%	R	15	246:1	79.8	98.1	100.0
Barton	12,057	839	7.0%	R	3	280:1	66.9	95.4	100.0
Bates	16,584	1,059	6.4%	R	4	265:1	54.8	100.0	100.0
Benton	18,806	1,715	9.1%	R	3	572:1	67.8	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	2.4	88.2	100.0
Boone	172,717	7,012	4.1%	B	51	137:1	91.1	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	14	391:1	97.0	99.4	100.0
Butler	42,972	4,893	11.4%	R	4	1223:1	86.0	99.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	0.0	8.0	80.1
Callaway	44,750	2,288	5.1%	R	1	2288:1	75.1	99.9	100.0
Camden	44,021	2,110	4.8%	R	10	211:1	82.1	99.3	100.0
Cape Girardeau	78,043	4,307	5.5%	B	11	392:1	93.7	100.0	100.0
Carroll	9,043	592	6.5%	R	0	0	0.0	1.9	85.8
Carter	6,258	830	13.3%	R	0	0	0.0	84.0	95.1
Cass	100,889	3,613	3.6%	B	10	361:1	81.0	97.8	100.0
Cedar	13,952	1,380	9.9%	R	4	345:1	89.7	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	0.0	0.0	21.6
Christian	82,101	3,522	4.3%	B	15	235:1	92.7	99.9	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	0.0	0.0
Clay	233,682	7,795	3.3%	B	21	371:1	98.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	10.6	88.2	100.0
Cole	76,557	3,578	4.7%	B	14	256:1	89.0	98.8	100.0
Cooper	17,585	1,064	6.1%	R	1	1064:1	62.6	98.3	100.0
Crawford	24,650	1,910	7.7%	R	0	0	2.9	65.0	100.0
Dade	7,628	552	7.2%	R	4	138:1	86.6	100.0	100.0
Dallas	16,389	1,339	8.2%	R	0	0	0.0	78.0	100.0
Daviess	8,297	451	5.4%	R	0	0	2.9	31.5	92.2
DeKalb	12,692	841	6.6%	R	0	0	0.0	6.9	88.8
Dent	15,655	1,527	9.8%	R	2	764:1	82.8	95.6	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	24.8	100.0
Dunklin	31,344	4,384	14.0%	R	0	0	0.0	0.0	3.2
Franklin	102,084	5,445	5.3%	B	6	908:1	48.2	81.1	100.0
Gasconade	14,866	950	6.4%	R	0	0	0.0	16.3	97.1
Gentry	6,826	436	6.4%	R	1	436:1	53.2	81.4	100.0
Greene	285,865	17,632	6.2%	U	209	84:1	98.7	100.0	100.0
Grundy	10,197	747	7.3%	R	1	747:1	86.5	99.6	100.0
Harrison	8,639	654	7.6%	R	0	0	8.7	76.8	93.4
Henry	22,028	1,945	8.8%	R	37	53:1	80.4	99.9	100.0
Hickory	9,219	707	7.7%	R	0	0	0.0	49.2	100.0

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 40 miles
Holt	4,516	237	5.2%	R	0	0	0.0	11.4	81.0
Howard	10,159	721	7.1%	R	0	0	17.6	63.2	100.0
Howell	40,173	4,233	10.5%	R	1	4233:1	51.5	81.5	100.0
Iron	10,267	1,297	12.6%	R	0	0	0.0	31.8	100.0
Jackson	683,191	39,120	5.7%	U	163	240:1	99.6	100.0	100.0
Jasper	117,543	6,762	5.8%	B	31	218:1	93.8	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	5	1790:1	81.8	100.0	100.0
Johnson	54,362	1,813	3.3%	R	3	604:1	63.5	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	0.0	16.7	78.2
Laclede	35,439	2,947	8.3%	R	6	491:1	88.1	98.5	100.0
Lafayette	32,688	1,758	5.4%	R	2	879:1	33.6	88.1	100.0
Lawrence	38,023	1,446	3.8%	R	1	1446:1	90.7	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	0.0	0.0	40.7
Lincoln	54,249	2,774	5.1%	R	4	694:1	65.3	90.6	100.0
Linn	12,311	777	6.3%	R	0	0	0.0	13.0	87.0
Livingston	15,053	995	6.6%	R	2	498:1	82.1	100.0	100.0
Macon	15,479	1,019	6.6%	R	0	0	0.0	16.2	33.5
Madison	12,368	1,246	10.1%	R	0	0	0.0	23.0	94.5
Maries	9,013	428	4.7%	R	0	0	2.3	26.6	100.0
Marion	28,920	2,595	9.0%	R	3	865:1	95.2	97.6	100.0
McDonald	22,800	1,668	7.3%	R	1	1668:1	61.2	97.5	100.0
Mercer	3,719	216	5.8%	R	0	0	0.0	0.0	84.3
Miller	25,141	1,851	7.4%	R	3	617:1	39.2	96.1	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	5.9	87.4	100.0
Moniteau	15,856	680	4.3%	R	0	0	0.0	91.6	100.0
Monroe	8,707	331	3.8%	R	0	0	0.0	16.6	68.3
Montgomery	11,841	852	7.2%	R	0	0	0.0	25.5	98.9
Morgan	20,240	1,814	9.0%	R	3	605:1	66.1	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	2.3	16.6	60.5
Newton	58,598	4,852	8.3%	B	34	143:1	87.4	100.0	100.0
Nodaway	23,081	884	3.8%	R	2	442:1	65.3	97.3	100.0
Oregon	10,911	1,260	11.5%	R	0	0	0.0	3.9	89.0
Osage	13,703	426	3.1%	R	0	0	0.0	20.2	100.0
Ozark	9,492	796	8.4%	R	0	0	0.0	4.8	48.2
Pemiscot	17,650	2,551	14.5%	R	0	0	0.0	0.0	0.0
Perry	19,202	1,094	5.7%	R	0	0	0.0	4.4	74.6
Pettis	42,225	3,067	7.3%	R	5	613:1	90.2	100.0	100.0
Phelps	44,847	3,019	6.7%	R	5	604:1	93.3	100.0	100.0
Pike	18,541	1,114	6.0%	R	0	0	0.0	3.0	32.9
Platte	94,788	2,175	2.3%	B	9	242:1	88.2	99.1	100.0
Polk	31,054	2,299	7.4%	R	18	128:1	71.7	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	5	455:1	72.4	100.0	100.0
Putnam	4,829	365	7.6%	R	0	0	0.0	4.9	99.5
Ralls	10,255	650	6.3%	R	0	0	14.6	59.8	100.0
Randolph	25,072	1,948	7.8%	R	0	0	0.0	0.9	6.9
Ray	22,949	1,044	4.5%	R	0	0	1.1	81.0	100.0
Reynolds	6,565	621	9.5%	R	0	0	0.0	36.4	77.8

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 40 miles
Ripley	13,969	1,826	13.1%	R	0	0	10.1	25.9	96.8
Saline	23,347	1,603	6.9%	R	2	802:1	70.9	98.5	100.0
Schuyler	4,370	296	6.8%	R	0	0	0.0	36.1	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	0.0	0.0
Scott	38,903	4,380	11.3%	R	2	2190:1	75.0	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	0.0	0.0	0.0
Shelby	6,108	419	6.9%	R	0	0	0.0	0.0	15.0
St. Charles	379,493	9,085	2.4%	U	23	395:1	98.1	100.0	100.0
St. Clair	9,457	717	7.6%	R	0	0	0.0	58.0	100.0
St. Francois	65,960	6,074	9.2%	B	1	6074:1	53.1	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	111	470:1	99.8	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	103	384:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	0	0	4.5	35.0	85.6
Stoddard	29,867	3,054	10.2%	R	1	3054:1	13.0	42.4	100.0
Stone	31,104	1,633	5.3%	R	2	817:1	73.1	98.8	100.0
Sullivan	6,411	474	7.4%	R	1	474:1	53.0	96.0	100.0
Taney	54,230	3,530	6.5%	R	17	208:1	76.4	97.6	99.6
Texas	25,642	2,073	8.1%	R	0	0	15.6	43.6	90.4
Vernon	21,001	1,672	8.0%	R	21	80:1	82.2	99.0	100.0
Warren	33,253	1,574	4.7%	R	1	1574:1	93.8	100.0	100.0
Washington	25,077	2,632	10.5%	R	1	2632:1	20.2	94.9	100.0
Wayne	13,452	1,785	13.3%	R	1	1785:1	55.0	96.1	100.0
Webster	36,888	2,495	6.8%	R	7	356:1	92.2	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	2.4	72.4	100.0
Wright	18,291	2,195	12.0%	R	10	220:1	83.6	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**1,057**	348:1	**76.7**	**89.1**	**95.6**

FFS Network Adequacy – Behavioral Health Services (LPC - PLPC)-2016

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
Adair	25,602	4,947	19.3%	R	13	381:1	91.7	100.0	100.0
Andrew	17,379	4,822	27.7%	R	2	2411:1	86.8	99.4	100.0
Atchison	5,382	924	17.2%	R	3	308:1	89.9	100.0	100.0
Audrain	25,887	6,299	24.3%	R	11	573:1	62.0	98.8	100.0
Barry	35,662	13,341	37.4%	R	27	494:1	80.1	99.5	100.0
Barton	12,057	2,869	23.8%	R	6	478:1	68.1	98.6	100.0
Bates	16,584	3,391	20.4%	R	5	678:1	70.4	100.0	100.0
Benton	18,806	4,790	25.5%	R	4	1198:1	61.9	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		5.4	31.4	100.0
Boone	172,717	22,941	13.3%	B	69	332:1	92.6	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	32	577:1	98.4	99.6	100.0
Butler	42,972	13,648	31.8%	R	15	910:1	90.4	99.5	100.0
Caldwell	9,034	1,693	18.7%	R	0		0.0	14.7	100.0
Callaway	44,750	7,644	17.1%	R	10	764:1	92.2	100.0	100.0
Camden	44,021	7,510	17.1%	R	22	341:1	90.4	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	74	192:1	90.9	100.0	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	68.0	93.5	100.0
Carter	6,258	2,185	34.9%	R	3	728:1	85.1	100.0	100.0
Cass	100,889	15,118	15.0%	B	20	756:1	92.4	100.0	100.0
Cedar	13,952	4,299	30.8%	R	6	717:1	96.9	100.0	100.0
Chariton	7,694	2,018	26.2%	R	1	2018:1	31.9	58.6	100.0
Christian	82,101	14,800	18.0%	B	37	400:1	95.8	100.0	100.0
Clark	6,917	1,365	19.7%	R	3	455:1	79.3	100.0	100.0
Clay	233,682	30,763	13.2%	B	57	540:1	98.4	100.0	100.0
Clinton	20,299	2,120	10.4%	R	1	2120:1	33.7	97.6	100.0
Cole	76,557	12,634	16.5%	B	48	263:1	95.2	100.0	100.0
Cooper	17,585	3,333	19.0%	R	5	667:1	64.8	99.2	100.0
Crawford	24,650	6,103	24.8%	R	7	872:1	83.4	100.0	100.0
Dade	7,628	1,881	24.7%	R	1	1881:1	71.3	100.0	100.0
Dallas	16,389	3,891	23.7%	R	3	1297:1	80.1	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		0.0	33.6	100.0
DeKalb	12,692	2,922	23.0%	R	0		0.0	6.4	100.0
Dent	15,655	4,321	27.6%	R	5	864:1	90.6	100.0	100.0
Douglas	13,546	3,386	25.0%	R	2	1693:1	73.7	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	8	1555:1	70.7	98.9	100.0
Franklin	102,084	19,871	19.5%	B	18	1104:1	82.4	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	2	1556:1	76.8	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	46.5	80.3	100.0
Greene	285,865	57,947	20.3%	U	289	201:1	98.2	100.0	100.0
Grundy	10,197	2,279	22.3%	R	6	380:1	85.4	100.0	100.0
Harrison	8,639	2,178	25.2%	R	1	2178:1	67.4	96.3	100.0
Henry	22,028	5,609	25.5%	R	36	156:1	79.1	99.5	100.0
Hickory	9,219	1,917	20.8%	R	2	959:1	76.6	100.0	100.0
Holt	4,516	796	17.6%	R	3	265:1	53.6	100.0	100.0
Howard	10,159	2,195	21.6%	R	5	439:1	72.8	100.0	100.0
Howell	40,173	12,761	31.8%	R	16	798:1	81.9	100.0	100.0

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
Iron	10,267	3,399	33.1%	R	1	3399:1	60.0	100.0	100.0	Iron
Jackson	683,191	147,751	21.6%	U	264	560:1	99.8	100.0	100.0	Jackson
Jasper	117,543	24,278	20.7%	B	51	476:1	94.4	100.0	100.0	Jasper
Jefferson	222,716	30,761	13.8%	B	42	732:1	98.5	100.0	100.0	Jefferson
Johnson	54,362	6,748	12.4%	R	18	375:1	77.3	100.0	100.0	Johnson
Knox	4,000	807	20.2%	R	1	807:1	82.4	95.9	100.0	Knox
Laclede	35,439	9,941	28.1%	R	18	552:1	91.5	99.7	100.0	Laclede
Lafayette	32,688	6,297	19.3%	R	18	350:1	66.2	99.0	100.0	Lafayette
Lawrence	38,023	5,472	14.4%	R	7	782:1	93.5	100.0	100.0	Lawrence
Lewis	10,138	1,745	17.2%	R	4	436:1	73.6	100.0	100.0	Lewis
Lincoln	54,249	9,810	18.1%	R	13	755:1	85.4	100.0	100.0	Lincoln
Linn	12,311	2,131	17.3%	R	0		0.0	8.3	100.0	Linn
Livingston	15,053	2,945	19.6%	R	4	736:1	80.0	100.0	100.0	Livingston
Macon	15,479	3,096	20.0%	R	4	774:1	73.9	100.0	100.0	Macon
Madison	12,368	3,644	29.5%	R	8	456:1	80.9	100.0	100.0	Madison
Maries	9,013	1,381	15.3%	R	2	691:1	66.3	97.9	100.0	Maries
Marion	28,920	7,115	24.6%	R	19	374:1	96.6	100.0	100.0	Marion
McDonald	22,800	6,626	29.1%	R	5	1325:1	65.8	97.8	100.0	McDonald
Mercer	3,719	722	19.4%	R	0		0.0	4.4	100.0	Mercer
Miller	25,141	6,281	25.0%	R	5	1256:1	76.4	98.0	100.0	Miller
Mississippi	14,232	4,705	33.1%	R	2	2353:1	94.2	100.0	100.0	Mississippi
Moniteau	15,856	2,600	16.4%	R	2	1300:1	63.7	100.0	100.0	Moniteau
Monroe	8,707	977	11.2%	R	0		0.0	59.4	100.0	Monroe
Montgomery	11,841	2,713	22.9%	R	0		6.7	65.6	100.0	Montgomery
Morgan	20,240	5,158	25.5%	R	3	1719:1	61.2	100.0	100.0	Morgan
New Madrid	18,272	5,771	31.6%	R	1	5771:1	24.3	100.0	100.0	New Madrid
Newton	58,598	17,745	30.3%	B	63	282:1	99.4	100.0	100.0	Newton
Nodaway	23,081	2,662	11.5%	R	3	887:1	69.0	98.9	100.0	Nodaway
Oregon	10,911	3,634	33.3%	R	4	909:1	86.9	100.0	100.0	Oregon
Osage	13,703	1,413	10.3%	R	2	707:1	72.5	100.0	100.0	Osage
Ozark	9,492	2,429	25.6%	R	0		0.0	44.7	100.0	Ozark
Pemiscot	17,650	7,173	40.6%	R	3	2391:1	75.3	100.0	100.0	Pemiscot
Perry	19,202	3,669	19.1%	R	4	917:1	89.0	100.0	100.0	Perry
Pettis	42,225	10,827	25.6%	R	15	722:1	87.8	100.0	100.0	Pettis
Phelps	44,847	9,505	21.2%	R	45	211:1	97.4	100.0	100.0	Phelps
Pike	18,541	3,395	18.3%	R	7	485:1	53.4	99.9	100.0	Pike
Platte	94,788	9,061	9.6%	B	25	362:1	98.6	100.0	100.0	Platte
Polk	31,054	7,867	25.3%	R	16	492:1	85.1	100.0	100.0	Polk
Pulaski	53,436	8,076	15.1%	R	38	213:1	91.3	100.0	100.0	Pulaski
Putnam	4,829	1,082	22.4%	R	0		0.0	4.8	86.2	Putnam
Ralls	10,255	2,006	19.6%	R	2	1003:1	45.0	100.0	100.0	Ralls
Randolph	25,072	5,833	23.3%	R	11	530:1	88.2	100.0	100.0	Randolph
Ray	22,949	3,522	15.3%	R	1	3522:1	68.1	100.0	100.0	Ray
Reynolds	6,565	1,798	27.4%	R	5	360:1	51.8	100.0	100.0	Reynolds
Ripley	13,969	4,979	35.6%	R	5	996:1	86.0	99.6	100.0	Ripley

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
Saline	23,347	5,057	21.7%	R	12	421:1	68.9	98.6	100.0
Schuyler	4,370	955	21.9%	R	0		0.0	49.8	100.0
Scotland	4,863	822	16.9%	R	4	206:1	71.9	100.0	100.0
Scott	38,903	12,455	32.0%	R	14	890:1	83.1	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		0.0	40.7	100.0
Shelby	6,108	1,543	25.3%	R	0		0.0	31.6	100.0
St. Charles	379,493	33,082	8.7%	U	82	403:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	1	2123:1	56.1	89.9	100.0
St. Francois	65,960	16,584	25.1%	B	36	461:1	99.1	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	71	1415:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	296	529:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	2	1402:1	80.1	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	5	1684:1	73.9	98.9	100.0
Stone	31,104	5,756	18.5%	R	2	2878:1	47.3	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		0.0	16.8	100.0
Taney	54,230	13,078	24.1%	R	15	872:1	96.7	100.0	100.0
Texas	25,642	6,584	25.7%	R	7	941:1	79.0	93.7	100.0
Vernon	21,001	5,049	24.0%	R	22	230:1	87.9	99.0	100.0
Warren	33,253	6,188	18.6%	R	6	1031:1	100.0	100.0	100.0
Washington	25,077	7,202	28.7%	R	0		37.2	95.3	100.0
Wayne	13,452	4,681	34.8%	R	5	936:1	63.4	93.5	100.0
Webster	36,888	9,281	25.2%	R	7	1326:1	94.5	100.0	100.0
Worth	2,073	431	20.8%	R	0		0.0	86.3	100.0
Wright	18,291	6,926	37.9%	R	13	533:1	78.8	100.0	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**2,221**		**89.1**	**98.1**	**100.0**

FFS Network Adequacy – Behavioral Health Services (LPC - PLPC)-2017

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
Adair	25,602	1,636	6.4%	R	13	126:1	93.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	2	650:1	87.1	99.3	100.0
Atchison	5,382	336	6.2%	R	3	112:1	91.4	100.0	100.0
Audrain	25,887	1,860	7.2%	R	11	169:1	64.2	98.8	100.0
Barry	35,662	3,686	10.3%	R	27	137:1	80.4	99.5	100.0
Barton	12,057	839	7.0%	R	6	140:1	66.9	98.5	100.0
Bates	16,584	1,059	6.4%	R	5	212:1	72.6	100.0	100.0
Benton	18,806	1,715	9.1%	R	4	429:1	65.3	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	3.6	27.0	100.0
Boone	172,717	7,012	4.1%	B	69	102:1	93.1	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	32	171:1	98.6	99.6	100.0
Butler	42,972	4,893	11.4%	R	15	326:1	91.4	99.5	100.0
Caldwell	9,034	513	5.7%	R	0	0	0.0	14.6	100.0
Callaway	44,750	2,288	5.1%	R	10	229:1	92.8	100.0	100.0
Camden	44,021	2,110	4.8%	R	22	96:1	90.9	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	74	58:1	92.1	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	72.5	95.4	100.0
Carter	6,258	830	13.3%	R	3	277:1	85.1	100.0	100.0
Cass	100,889	3,613	3.6%	B	20	181:1	92.4	100.0	100.0
Cedar	13,952	1,380	9.9%	R	6	230:1	96.5	100.0	100.0
Chariton	7,694	645	8.4%	R	1	645:1	32.6	61.2	100.0
Christian	82,101	3,522	4.3%	B	37	95:1	95.9	100.0	100.0
Clark	6,917	382	5.5%	R	3	127:1	77.7	100.0	100.0
Clay	233,682	7,795	3.3%	B	57	137:1	98.2	100.0	100.0
Clinton	20,299	558	2.7%	R	1	558:1	31.7	96.4	100.0
Cole	76,557	3,578	4.7%	B	48	75:1	95.5	100.0	100.0
Cooper	17,585	1,064	6.1%	R	5	213:1	65.5	99.3	100.0
Crawford	24,650	1,910	7.7%	R	7	273:1	83.3	100.0	100.0
Dade	7,628	552	7.2%	R	1	552:1	75.9	100.0	100.0
Dallas	16,389	1,339	8.2%	R	3	446:1	82.4	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	0.0	32.8	100.0
DeKalb	12,692	841	6.6%	R	0	0	0.0	6.9	100.0
Dent	15,655	1,527	9.8%	R	5	305:1	90.5	100.0	100.0
Douglas	13,546	1,057	7.8%	R	2	529:1	75.2	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	8	548:1	71.9	98.9	100.0
Franklin	102,084	5,445	5.3%	B	18	303:1	83.1	100.0	100.0
Gasconade	14,866	950	6.4%	R	2	475:1	75.8	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	54.4	81.4	100.0
Greene	285,865	17,632	6.2%	U	289	61:1	98.3	100.0	100.0
Grundy	10,197	747	7.3%	R	6	125:1	86.5	100.0	100.0
Harrison	8,639	654	7.6%	R	1	654:1	67.9	96.0	100.0
Henry	22,028	1,945	8.8%	R	36	54:1	80.4	99.9	100.0
Hickory	9,219	707	7.7%	R	2	354:1	82.6	100.0	100.0

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
Holt	4,516	237	5.2%	R	3	79:1	52.3	100.0	100.0
Howard	10,159	721	7.1%	R	5	144:1	73.5	100.0	100.0
Howell	40,173	4,233	10.5%	R	16	265:1	81.4	100.0	100.0
Iron	10,267	1,297	12.6%	R	1	1297:1	58.9	100.0	100.0
Jackson	683,191	39,120	5.7%	U	264	148:1	99.8	100.0	100.0
Jasper	117,543	6,762	5.8%	B	51	133:1	95.5	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	42	213:1	98.4	100.0	100.0
Johnson	54,362	1,813	3.3%	R	18	101:1	78.1	100.0	100.0
Knox	4,000	239	6.0%	R	1	239:1	80.3	96.2	100.0
Laclede	35,439	2,947	8.3%	R	18	164:1	91.8	99.8	100.0
Lafayette	32,688	1,758	5.4%	R	18	98:1	66.0	99.1	100.0
Lawrence	38,023	1,446	3.8%	R	7	207:1	94.3	100.0	100.0
Lewis	10,138	605	6.0%	R	4	151:1	73.7	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	13	213:1	83.9	100.0	100.0
Linn	12,311	777	6.3%	R	0	0	0.0	6.7	100.0
Livingston	15,053	995	6.6%	R	4	249:1	82.1	100.0	100.0
Macon	15,479	1,019	6.6%	R	4	255:1	76.8	100.0	100.0
Madison	12,368	1,246	10.1%	R	8	156:1	80.4	100.0	100.0
Maries	9,013	428	4.7%	R	2	214:1	66.8	98.4	100.0
Marion	28,920	2,595	9.0%	R	19	137:1	97.3	100.0	100.0
McDonald	22,800	1,668	7.3%	R	5	334:1	67.1	97.5	100.0
Mercer	3,719	216	5.8%	R	0	0	0.0	2.3	100.0
Miller	25,141	1,851	7.4%	R	5	370:1	75.9	98.1	100.0
Mississippi	14,232	1,717	12.1%	R	2	859:1	93.2	100.0	100.0
Moniteau	15,856	680	4.3%	R	2	340:1	62.1	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	0.0	55.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	8.1	66.5	100.0
Morgan	20,240	1,814	9.0%	R	3	605:1	59.9	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	1	2080:1	25.7	100.0	100.0
Newton	58,598	4,852	8.3%	B	63	77:1	99.5	100.0	100.0
Nodaway	23,081	884	3.8%	R	3	295:1	69.8	99.4	100.0
Oregon	10,911	1,260	11.5%	R	4	315:1	88.1	100.0	100.0
Osage	13,703	426	3.1%	R	2	213:1	74.9	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	0.0	39.8	100.0
Pemiscot	17,650	2,551	14.5%	R	3	850:1	74.5	100.0	100.0
Perry	19,202	1,094	5.7%	R	4	274:1	89.8	100.0	100.0
Pettis	42,225	3,067	7.3%	R	15	204:1	90.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	45	67:1	97.4	100.0	100.0
Pike	18,541	1,114	6.0%	R	7	159:1	55.6	99.8	100.0
Platte	94,788	2,175	2.3%	B	25	87:1	98.4	100.0	100.0
Polk	31,054	2,299	7.4%	R	16	144:1	82.2	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	38	60:1	91.2	100.0	100.0
Putnam	4,829	365	7.6%	R	0	0	0.0	6.6	88.5
Ralls	10,255	650	6.3%	R	2	325:1	48.3	100.0	100.0
Randolph	25,072	1,948	7.8%	R	11	177:1	90.3	100.0	100.0
Ray	22,949	1,044	4.5%	R	1	1044:1	74.2	100.0	100.0
Reynolds	6,565	621	9.5%	R	5	124:1	51.0	100.0	100.0

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
Ripley	13,969	1,826	13.1%	R	5	365:1	87.5	99.7	100.0
Saline	23,347	1,603	6.9%	R	12	134:1	70.9	98.5	100.0
Schuyler	4,370	296	6.8%	R	0	0	0.0	54.4	100.0
Scotland	4,863	224	4.6%	R	4	56:1	76.8	100.0	100.0
Scott	38,903	4,380	11.3%	R	14	313:1	83.4	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	0.0	38.4	100.0
Shelby	6,108	419	6.9%	R	0	0	0.0	32.5	100.0
St. Charles	379,493	9,085	2.4%	U	82	111:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	1	717:1	58.9	91.1	100.0
St. Francois	65,960	6,074	9.2%	B	36	169:1	99.1	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	71	735:1	100.0	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	296	134:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	2	442:1	79.6	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	5	611:1	73.3	98.7	100.0
Stone	31,104	1,633	5.3%	R	2	817:1	48.1	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	0.0	20.9	100.0
Taney	54,230	3,530	6.5%	R	15	235:1	96.6	100.0	100.0
Texas	25,642	2,073	8.1%	R	7	296:1	79.6	93.5	100.0
Vernon	21,001	1,672	8.0%	R	22	76:1	88.7	99.0	100.0
Warren	33,253	1,574	4.7%	R	6	262:1	100.0	100.0	100.0
Washington	25,077	2,632	10.5%	R	0	0	36.5	94.7	100.0
Wayne	13,452	1,785	13.3%	R	5	357:1	61.3	93.6	100.0
Webster	36,888	2,495	6.8%	R	7	356:1	94.5	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	0.0	85.0	100.0
Wright	18,291	2,195	12.0%	R	13	169:1	79.0	100.0	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**2,221**	165:1	**89.2**	**98.1**	**100.0**

FFS Network Adequacy – Behavioral Health Services (Psychiatry)-2016

Demographics					Psychiatry		Child	Child	Child
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
Adair	25,602	4,947	19.3%	R	5	989:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		99.4	100.0	100.0
Atchison	5,382	924	17.2%	R	1	924:1	95.5	100.0	100.0
Audrain	25,887	6,299	24.3%	R	11	573:1	86.4	100.0	100.0
Barry	35,662	13,341	37.4%	R	3	4447:1	98.6	100.0	100.0
Barton	12,057	2,869	23.8%	R	0		8.4	100.0	100.0
Bates	16,584	3,391	20.4%	R	2	1696:1	100.0	100.0	100.0
Benton	18,806	4,790	25.5%	R	1	4790:1	98.9	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		85.2	100.0	100.0
Boone	172,717	22,941	13.3%	B	70	328:1	100.0	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	26	710:1	99.4	100.0	100.0
Butler	42,972	13,648	31.8%	R	25	546:1	100.0	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		14.6	100.0	100.0
Callaway	44,750	7,644	17.1%	R	13	588:1	100.0	100.0	100.0
Camden	44,021	7,510	17.1%	R	2	3755:1	100.0	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	22	647:1	100.0	100.0	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	96.8	100.0	100.0
Carter	6,258	2,185	34.9%	R	1	2185:1	100.0	100.0	100.0
Cass	100,889	15,118	15.0%	B	11	1374:1	98.7	100.0	100.0
Cedar	13,952	4,299	30.8%	R	2	2150:1	100.0	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		30.7	100.0	100.0
Christian	82,101	14,800	18.0%	B	2	7400:1	99.1	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	34.4	100.0
Clay	233,682	30,763	13.2%	B	40	769:1	100.0	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		78.4	100.0	100.0
Cole	76,557	12,634	16.5%	B	33	383:1	99.8	100.0	100.0
Cooper	17,585	3,333	19.0%	R	1	3333:1	100.0	100.0	100.0
Crawford	24,650	6,103	24.8%	R	1	6103:1	97.1	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		74.5	100.0	100.0
Dallas	16,389	3,891	23.7%	R	1	3891:1	100.0	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		37.7	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	0		11.0	100.0	100.0
Dent	15,655	4,321	27.6%	R	1	4321:1	100.0	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	100.0	100.0
Dunklin	31,344	12,438	39.7%	R	6	2073:1	93.7	100.0	100.0
Franklin	102,084	19,871	19.5%	B	21	946:1	99.6	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	0		21.6	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	82.8	100.0	100.0
Greene	285,865	57,947	20.3%	U	60	966:1	100.0	100.0	100.0
Grundy	10,197	2,279	22.3%	R	2	1140:1	100.0	100.0	100.0
Harrison	8,639	2,178	25.2%	R	2	1089:1	97.2	100.0	100.0
Henry	22,028	5,609	25.5%	R	39	144:1	100.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		61.2	100.0	100.0
Holt	4,516	796	17.6%	R	0		63.7	100.0	100.0
Howard	10,159	2,195	21.6%	R	1	2195:1	100.0	100.0	100.0
Howell	40,173	12,761	31.8%	R	16	798:1	99.4	100.0	100.0

Demographics					Psychiatry		Child	Child	Child
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
Iron	10,267	3,399	33.1%	R	2	1700:1	95.2	100.0	100.0
Jackson	683,191	147,751	21.6%	U	183	807:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	4	6070:1	99.9	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	21	1465:1	100.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	2	3374:1	100.0	100.0	100.0
Knox	4,000	807	20.2%	R	0		74.5	100.0	100.0
Laclede	35,439	9,941	28.1%	R	2	4971:1	98.6	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	9	700:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	1	5472:1	100.0	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		14.7	100.0	100.0
Lincoln	54,249	9,810	18.1%	R	3	3270:1	100.0	100.0	100.0
Linn	12,311	2,131	17.3%	R	0		9.1	100.0	100.0
Livingston	15,053	2,945	19.6%	R	2	1473:1	100.0	100.0	100.0
Macon	15,479	3,096	20.0%	R	1	3096:1	99.0	100.0	100.0
Madison	12,368	3,644	29.5%	R	1	3644:1	100.0	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		33.4	100.0	100.0
Marion	28,920	7,115	24.6%	R	9	791:1	100.0	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		12.8	100.0	100.0
Mercer	3,719	722	19.4%	R	0		40.0	100.0	100.0
Miller	25,141	6,281	25.0%	R	0		92.0	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		94.2	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		97.6	100.0	100.0
Monroe	8,707	977	11.2%	R	0		68.8	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		26.2	100.0	100.0
Morgan	20,240	5,158	25.5%	R	2	2579:1	100.0	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		91.5	100.0	100.0
Newton	58,598	17,745	30.3%	B	26	683:1	97.2	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	5	532:1	98.5	100.0	100.0
Oregon	10,911	3,634	33.3%	R	0		7.7	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		42.3	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		13.3	100.0	100.0
Pemiscot	17,650	7,173	40.6%	R	3	2391:1	100.0	100.0	100.0
Perry	19,202	3,669	19.1%	R	2	1835:1	99.8	100.0	100.0
Pettis	42,225	10,827	25.6%	R	4	2707:1	100.0	100.0	100.0
Phelps	44,847	9,505	21.2%	R	16	594:1	99.7	100.0	100.0
Pike	18,541	3,395	18.3%	R	0		5.8	100.0	100.0
Platte	94,788	9,061	9.6%	B	8	1133:1	99.7	100.0	100.0
Polk	31,054	7,867	25.3%	R	11	715:1	100.0	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	5	1615:1	100.0	100.0	100.0
Putnam	4,829	1,082	22.4%	R	1	1082:1	100.0	100.0	100.0
Ralls	10,255	2,006	19.6%	R	0		89.5	100.0	100.0
Randolph	25,072	5,833	23.3%	R	1	5833:1	100.0	100.0	100.0
Ray	22,949	3,522	15.3%	R	0		85.0	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	2	899:1	100.0	100.0	100.0
Ripley	13,969	4,979	35.6%	R	1	4979:1	100.0	100.0	100.0

Demographics					Psychiatry		Child	Child	Child
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
Saline	23,347	5,057	21.7%	R	5	1011:1	100.0	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		32.6	100.0	100.0
Scotland	4,863	822	16.9%	R	0		0.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	12	1038:1	98.3	100.0	100.0
Shannon	8,329	2,337	28.1%	R	1	2337:1	100.0	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		31.3	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	62	534:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	2	1062:1	100.0	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	25	663:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	171	587:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	226	693:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	2	1402:1	100.0	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	1	8421:1	94.3	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		93.4	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		43.7	100.0	100.0
Taney	54,230	13,078	24.1%	R	7	1868:1	98.7	100.0	100.0
Texas	25,642	6,584	25.7%	R	0		18.4	100.0	100.0
Vernon	21,001	5,049	24.0%	R	21	240:1	100.0	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		92.8	100.0	100.0
Washington	25,077	7,202	28.7%	R	3	2401:1	100.0	100.0	100.0
Wayne	13,452	4,681	34.8%	R	2	2341:1	100.0	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		52.6	100.0	100.0
Worth	2,073	431	20.8%	R	0		86.3	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		4.9	99.8	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		1290		**94.2**	**99.9**	**100.0**

Demographics					Psychiatry		Adult	Adult	Adult
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 40 miles	Distance 1 provider within 80 miles
Adair	25,602	4,947	19.3%	R	5	989:1	100.0	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		90.3	100.0	100.0
Atchison	5,382	924	17.2%	R	1	924:1	86.6	100.0	100.0
Audrain	25,887	6,299	24.3%	R	11	573:1	65.4	100.0	100.0
Barry	35,662	13,341	37.4%	R	3	4447:1	88.2	100.0	100.0
Barton	12,057	2,869	23.8%	R	0		0.0	100.0	100.0
Bates	16,584	3,391	20.4%	R	2	1696:1	91.4	100.0	100.0
Benton	18,806	4,790	25.5%	R	1	4790:1	81.0	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		9.4	100.0	100.0
Boone	172,717	22,941	13.3%	B	70	328:1	98.5	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	26	710:1	98.4	100.0	100.0
Butler	42,972	13,648	31.8%	R	25	546:1	93.8	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		0.0	100.0	100.0
Callaway	44,750	7,644	17.1%	R	13	588:1	98.0	100.0	100.0
Camden	44,021	7,510	17.1%	R	2	3755:1	88.6	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	22	647:1	97.5	100.0	100.0
Carroll	9,043	1,865	20.6%	R	1	1865:1	83.6	100.0	100.0
Carter	6,258	2,185	34.9%	R	1	2185:1	56.3	100.0	100.0
Cass	100,889	15,118	15.0%	B	11	1374:1	91.4	100.0	100.0
Cedar	13,952	4,299	30.8%	R	2	2150:1	98.0	100.0	100.0
Chariton	7,694	2,018	26.2%	R	0		0.0	100.0	100.0
Christian	82,101	14,800	18.0%	B	2	7400:1	88.8	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	3.7	100.0
Clay	233,682	30,763	13.2%	B	40	769:1	92.8	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		21.1	100.0	100.0
Cole	76,557	12,634	16.5%	B	33	383:1	96.2	100.0	100.0
Cooper	17,585	3,333	19.0%	R	1	3333:1	85.5	100.0	100.0
Crawford	24,650	6,103	24.8%	R	1	6103:1	90.6	100.0	100.0
Dade	7,628	1,881	24.7%	R	0		25.6	100.0	100.0
Dallas	16,389	3,891	23.7%	R	1	3891:1	84.1	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		8.1	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	0		2.6	100.0	100.0
Dent	15,655	4,321	27.6%	R	1	4321:1	86.6	100.0	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	94.8	100.0
Dunklin	31,344	12,438	39.7%	R	6	2073:1	55.2	100.0	100.0
Franklin	102,084	19,871	19.5%	B	21	946:1	90.4	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	0		11.5	100.0	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	74.7	100.0	100.0
Greene	285,865	57,947	20.3%	U	60	966:1	99.8	100.0	100.0
Grundy	10,197	2,279	22.3%	R	2	1140:1	97.1	100.0	100.0
Harrison	8,639	2,178	25.2%	R	2	1089:1	81.9	100.0	100.0
Henry	22,028	5,609	25.5%	R	39	144:1	92.3	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		26.2	100.0	100.0
Holt	4,516	796	17.6%	R	0		15.3	100.0	100.0
Howard	10,159	2,195	21.6%	R	1	2195:1	92.5	100.0	100.0
Howell	40,173	12,761	31.8%	R	16	798:1	81.0	100.0	100.0

Demographics					Psychiatry		Adult	Adult	Adult
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 40 miles	Distance 1 provider within 80 miles
Iron	10,267	3,399	33.1%	R	2	1700:1	85.3	100.0	100.0
Jackson	683,191	147,751	21.6%	U	183	807:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	4	6070:1	96.4	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	21	1465:1	93.6	100.0	100.0
Johnson	54,362	6,748	12.4%	R	2	3374:1	80.4	100.0	100.0
Knox	4,000	807	20.2%	R	0		0.0	100.0	100.0
Laclede	35,439	9,941	28.1%	R	2	4971:1	86.8	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	9	700:1	100.0	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	1	5472:1	81.1	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		0.0	98.3	100.0
Lincoln	54,249	9,810	18.1%	R	3	3270:1	83.8	100.0	100.0
Linn	12,311	2,131	17.3%	R	0		1.6	100.0	100.0
Livingston	15,053	2,945	19.6%	R	2	1473:1	92.7	100.0	100.0
Macon	15,479	3,096	20.0%	R	1	3096:1	87.3	100.0	100.0
Madison	12,368	3,644	29.5%	R	1	3644:1	89.0	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		8.8	100.0	100.0
Marion	28,920	7,115	24.6%	R	9	791:1	97.8	100.0	100.0
McDonald	22,800	6,626	29.1%	R	0		0.0	100.0	100.0
Mercer	3,719	722	19.4%	R	0		0.0	100.0	100.0
Miller	25,141	6,281	25.0%	R	0		33.8	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		39.3	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		15.5	100.0	100.0
Monroe	8,707	977	11.2%	R	0		30.2	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		0.0	100.0	100.0
Morgan	20,240	5,158	25.5%	R	2	2579:1	83.1	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		27.8	100.0	100.0
Newton	58,598	17,745	30.3%	B	26	683:1	62.0	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	5	532:1	82.6	100.0	100.0
Oregon	10,911	3,634	33.3%	R	0		0.0	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		7.0	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		3.3	92.3	100.0
Pemiscot	17,650	7,173	40.6%	R	3	2391:1	90.1	100.0	100.0
Perry	19,202	3,669	19.1%	R	2	1835:1	96.2	100.0	100.0
Pettis	42,225	10,827	25.6%	R	4	2707:1	99.3	100.0	100.0
Phelps	44,847	9,505	21.2%	R	16	594:1	95.8	100.0	100.0
Pike	18,541	3,395	18.3%	R	0		0.6	100.0	100.0
Platte	94,788	9,061	9.6%	B	8	1133:1	95.5	100.0	100.0
Polk	31,054	7,867	25.3%	R	11	715:1	98.8	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	5	1615:1	86.8	100.0	100.0
Putnam	4,829	1,082	22.4%	R	1	1082:1	81.3	100.0	100.0
Ralls	10,255	2,006	19.6%	R	0		36.1	100.0	100.0
Randolph	25,072	5,833	23.3%	R	1	5833:1	96.7	100.0	100.0
Ray	22,949	3,522	15.3%	R	0		61.2	100.0	100.0
Reynolds	6,565	1,798	27.4%	R	2	899:1	84.5	100.0	100.0
Ripley	13,969	4,979	35.6%	R	1	4979:1	97.2	100.0	100.0

Demographics					Psychiatry		Adult	Adult	Adult
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 40 miles	Distance 1 provider within 80 miles
Saline	23,347	5,057	21.7%	R	5	1011:1	85.8	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		0.0	100.0	100.0
Scotland	4,863	822	16.9%	R	0		0.0	87.7	100.0
Scott	38,903	12,455	32.0%	R	12	1038:1	91.8	100.0	100.0
Shannon	8,329	2,337	28.1%	R	1	2337:1	100.0	100.0	100.0
Shelby	6,108	1,543	25.3%	R	0		15.5	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	62	534:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	2	1062:1	82.4	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	25	663:1	99.5	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	171	587:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	226	693:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	2	1402:1	97.8	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	1	8421:1	84.8	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		48.9	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	0		7.7	100.0	100.0
Taney	54,230	13,078	24.1%	R	7	1868:1	95.5	100.0	100.0
Texas	25,642	6,584	25.7%	R	0		8.8	100.0	100.0
Vernon	21,001	5,049	24.0%	R	21	240:1	92.7	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		42.1	100.0	100.0
Washington	25,077	7,202	28.7%	R	3	2401:1	89.9	100.0	100.0
Wayne	13,452	4,681	34.8%	R	2	2341:1	99.1	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		22.0	100.0	100.0
Worth	2,073	431	20.8%	R	0		7.2	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		1.2	83.7	100.0
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		1290		**86.7**	**99.8**	**100.0**

FFS Network Adequacy – Behavioral Health Services (Psychiatry)-2017

Demographics					Psychiatry		Child	Child	Child
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
Adair	25,602	1,636	6.4%	R	5	327:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	99.5	100.0	100.0
Atchison	5,382	336	6.2%	R	1	336:1	95.2	100.0	100.0
Audrain	25,887	1,860	7.2%	R	11	169:1	86.3	100.0	100.0
Barry	35,662	3,686	10.3%	R	3	1229:1	98.6	100.0	100.0
Barton	12,057	839	7.0%	R	0	0	8.5	100.0	100.0
Bates	16,584	1,059	6.4%	R	2	530:1	100.0	100.0	100.0
Benton	18,806	1,715	9.1%	R	1	1715:1	98.8	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	84.6	100.0	100.0
Boone	172,717	7,012	4.1%	B	70	100:1	100.0	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	26	210:1	99.4	100.0	100.0
Butler	42,972	4,893	11.4%	R	25	196:1	100.0	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	16.0	100.0	100.0
Callaway	44,750	2,288	5.1%	R	13	176:1	100.0	100.0	100.0
Camden	44,021	2,110	4.8%	R	2	1055:1	100.0	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	22	196:1	100.0	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	97.6	100.0	100.0
Carter	6,258	830	13.3%	R	1	830:1	100.0	100.0	100.0
Cass	100,889	3,613	3.6%	B	11	328:1	98.6	100.0	100.0
Cedar	13,952	1,380	9.9%	R	2	690:1	100.0	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	30.7	100.0	100.0
Christian	82,101	3,522	4.3%	B	2	1761:1	99.2	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	35.1	100.0
Clay	233,682	7,795	3.3%	B	40	195:1	100.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	77.8	100.0	100.0
Cole	76,557	3,578	4.7%	B	33	108:1	99.8	100.0	100.0
Cooper	17,585	1,064	6.1%	R	1	1064:1	100.0	100.0	100.0
Crawford	24,650	1,910	7.7%	R	1	1910:1	97.1	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	77.4	100.0	100.0
Dallas	16,389	1,339	8.2%	R	1	1339:1	100.0	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	36.4	100.0	100.0
DeKalb	12,692	841	6.6%	R	0	0	11.4	100.0	100.0
Dent	15,655	1,527	9.8%	R	1	1527:1	100.0	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	100.0	100.0
Dunklin	31,344	4,384	14.0%	R	6	731:1	93.9	100.0	100.0
Franklin	102,084	5,445	5.3%	B	21	259:1	99.5	100.0	100.0
Gasconade	14,866	950	6.4%	R	0	0	22.4	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	83.7	100.0	100.0
Greene	285,865	17,632	6.2%	U	60	294:1	100.0	100.0	100.0
Grundy	10,197	747	7.3%	R	2	374:1	100.0	100.0	100.0
Harrison	8,639	654	7.6%	R	2	327:1	96.8	100.0	100.0
Henry	22,028	1,945	8.8%	R	39	50:1	100.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	64.1	100.0	100.0

Demographics					Psychiatry		Child	Child	Child
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
Holt	4,516	237	5.2%	R	0	0	62.0	100.0	100.0
Howard	10,159	721	7.1%	R	1	721:1	100.0	100.0	100.0
Howell	40,173	4,233	10.5%	R	16	265:1	99.4	100.0	100.0
Iron	10,267	1,297	12.6%	R	2	649:1	95.7	100.0	100.0
Jackson	683,191	39,120	5.7%	U	183	214:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	4	1691:1	99.9	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	21	426:1	100.0	100.0	100.0
Johnson	54,362	1,813	3.3%	R	2	907:1	100.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	72.0	100.0	100.0
Laclede	35,439	2,947	8.3%	R	2	1474:1	98.8	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	9	195:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	1	1446:1	100.0	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	14.9	100.0	100.0
Lincoln	54,249	2,774	5.1%	R	3	925:1	100.0	100.0	100.0
Linn	12,311	777	6.3%	R	0	0	7.2	100.0	100.0
Livingston	15,053	995	6.6%	R	2	498:1	100.0	100.0	100.0
Macon	15,479	1,019	6.6%	R	1	1019:1	98.9	100.0	100.0
Madison	12,368	1,246	10.1%	R	1	1246:1	100.0	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	32.2	100.0	100.0
Marion	28,920	2,595	9.0%	R	9	288:1	100.0	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	12.6	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	44.0	100.0	100.0
Miller	25,141	1,851	7.4%	R	0	0	91.5	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	94.2	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	97.2	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	65.3	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	25.1	100.0	100.0
Morgan	20,240	1,814	9.0%	R	2	907:1	100.0	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	92.2	100.0	100.0
Newton	58,598	4,852	8.3%	B	26	187:1	97.3	100.0	100.0
Nodaway	23,081	884	3.8%	R	5	177:1	98.4	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0	0	7.9	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	42.0	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	9.7	100.0	100.0
Pemiscot	17,650	2,551	14.5%	R	3	850:1	100.0	100.0	100.0
Perry	19,202	1,094	5.7%	R	2	547:1	99.9	100.0	100.0
Pettis	42,225	3,067	7.3%	R	4	767:1	100.0	100.0	100.0
Phelps	44,847	3,019	6.7%	R	16	189:1	99.7	100.0	100.0
Pike	18,541	1,114	6.0%	R	0	0	6.4	100.0	100.0
Platte	94,788	2,175	2.3%	B	8	272:1	99.6	100.0	100.0
Polk	31,054	2,299	7.4%	R	11	209:1	100.0	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	5	455:1	100.0	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	100.0	100.0	100.0
Ralls	10,255	650	6.3%	R	0	0	90.6	100.0	100.0
Randolph	25,072	1,948	7.8%	R	1	1948:1	100.0	100.0	100.0
Ray	22,949	1,044	4.5%	R	0	0	88.7	100.0	100.0
Reynolds	6,565	621	9.5%	R	2	311:1	100.0	100.0	100.0

Demographics					Psychiatry		Child	Child	Child
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 22 miles	Distance 1 provider within 45 miles	Distance 1 provider within 90 miles
Ripley	13,969	1,826	13.1%	R	1	1826:1	100.0	100.0	100.0
Saline	23,347	1,603	6.9%	R	5	321:1	100.0	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	36.1	100.0	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	12	365:1	98.4	100.0	100.0
Shannon	8,329	882	10.6%	R	1	882:1	100.0	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	32.2	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	62	147:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	2	359:1	100.0	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	25	243:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	226	231:1	100.0	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	171	231:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	2	442:1	100.0	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	1		93.6	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	93.3	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	46.2	100.0	100.0
Taney	54,230	3,530	6.5%	R	7	504:1	98.8	100.0	100.0
Texas	25,642	2,073	8.1%	R	0	0	18.4	100.0	100.0
Vernon	21,001	1,672	8.0%	R	21	80:1	100.0	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	92.4	100.0	100.0
Washington	25,077	2,632	10.5%	R	3	877:1	100.0	100.0	100.0
Wayne	13,452	1,785	13.3%	R	2	893:1	100.0	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	50.2	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	85.0	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	4.1	99.8	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		1290	285:1	**94.3**	**99.9**	**100.0**

Demographics					Psychiatry		Adult	Adult	Adult
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 40 miles	Distance 1 provider within 80 miles
Adair	25,602	1,636	6.4%	R	5	327:1	100.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	90.5	100.0	100.0
Atchison	5,382	336	6.2%	R	1	336:1	89.0	100.0	100.0
Audrain	25,887	1,860	7.2%	R	11	169:1	67.2	100.0	100.0
Barry	35,662	3,686	10.3%	R	3	1229:1	87.7	100.0	100.0
Barton	12,057	839	7.0%	R	0	0	0.0	100.0	100.0
Bates	16,584	1,059	6.4%	R	2	530:1	92.9	100.0	100.0
Benton	18,806	1,715	9.1%	R	1	1715:1	83.4	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	6.3	100.0	100.0
Boone	172,717	7,012	4.1%	B	70	100:1	98.5	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	26	210:1	98.6	100.0	100.0
Butler	42,972	4,893	11.4%	R	25	196:1	94.7	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	0.0	100.0	100.0
Callaway	44,750	2,288	5.1%	R	13	176:1	98.3	100.0	100.0
Camden	44,021	2,110	4.8%	R	2	1055:1	89.2	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	22	196:1	97.4	100.0	100.0
Carroll	9,043	592	6.5%	R	1	592:1	87.0	100.0	100.0
Carter	6,258	830	13.3%	R	1	830:1	60.1	100.0	100.0
Cass	100,889	3,613	3.6%	B	11	328:1	91.4	100.0	100.0
Cedar	13,952	1,380	9.9%	R	2	690:1	97.4	100.0	100.0
Chariton	7,694	645	8.4%	R	0	0	0.0	100.0	100.0
Christian	82,101	3,522	4.3%	B	2	1761:1	89.1	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	4.7	100.0
Clay	233,682	7,795	3.3%	B	40	195:1	92.1	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	21.5	100.0	100.0
Cole	76,557	3,578	4.7%	B	33	108:1	96.4	100.0	100.0
Cooper	17,585	1,064	6.1%	R	1	1064:1	86.6	100.0	100.0
Crawford	24,650	1,910	7.7%	R	1	1910:1	90.1	100.0	100.0
Dade	7,628	552	7.2%	R	0	0	20.8	100.0	100.0
Dallas	16,389	1,339	8.2%	R	1	1339:1	86.0	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	9.8	100.0	100.0
DeKalb	12,692	841	6.6%	R	0	0	3.3	100.0	100.0
Dent	15,655	1,527	9.8%	R	1	1527:1	86.5	100.0	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	95.8	100.0
Dunklin	31,344	4,384	14.0%	R	6	731:1	55.3	100.0	100.0
Franklin	102,084	5,445	5.3%	B	21	259:1	90.8	100.0	100.0
Gasconade	14,866	950	6.4%	R	0	0	11.7	100.0	100.0
Gentry	6,826	436	6.4%	R	1	436:1	76.8	100.0	100.0
Greene	285,865	17,632	6.2%	U	60	294:1	99.8	100.0	100.0
Grundy	10,197	747	7.3%	R	2	374:1	97.5	100.0	100.0
Harrison	8,639	654	7.6%	R	2	327:1	81.3	100.0	100.0
Henry	22,028	1,945	8.8%	R	39	50:1	93.7	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	27.6	100.0	100.0

Demographics					Psychiatry		Adult	Adult	Adult
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 40 miles	Distance 1 provider within 80 miles
Holt	4,516	237	5.2%	R	0	0	14.8	100.0	100.0
Howard	10,159	721	7.1%	R	1	721:1	92.4	100.0	100.0
Howell	40,173	4,233	10.5%	R	16	265:1	83.0	100.0	100.0
Iron	10,267	1,297	12.6%	R	2	649:1	86.3	100.0	100.0
Jackson	683,191	39,120	5.7%	U	183	214:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	4	1691:1	96.9	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	21	426:1	93.5	100.0	100.0
Johnson	54,362	1,813	3.3%	R	2	907:1	81.5	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	0.0	100.0	100.0
Laclede	35,439	2,947	8.3%	R	2	1474:1	87.6	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	9	195:1	100.0	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	1	1446:1	81.8	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	0.0	98.3	100.0
Lincoln	54,249	2,774	5.1%	R	3	925:1	83.1	100.0	100.0
Linn	12,311	777	6.3%	R	0	0	0.9	100.0	100.0
Livingston	15,053	995	6.6%	R	2	498:1	94.3	100.0	100.0
Macon	15,479	1,019	6.6%	R	1	1019:1	87.7	100.0	100.0
Madison	12,368	1,246	10.1%	R	1	1246:1	88.8	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	7.7	100.0	100.0
Marion	28,920	2,595	9.0%	R	9	288:1	98.1	100.0	100.0
McDonald	22,800	1,668	7.3%	R	0	0	0.0	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	0.0	100.0	100.0
Miller	25,141	1,851	7.4%	R	0	0	30.2	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	38.3	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	13.8	100.0	100.0
Monroe	8,707	331	3.8%	R	0	0	24.2	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	0.0	100.0	100.0
Morgan	20,240	1,814	9.0%	R	2	907:1	82.9	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	28.5	100.0	100.0
Newton	58,598	4,852	8.3%	B	26	187:1	63.4	100.0	100.0
Nodaway	23,081	884	3.8%	R	5	177:1	85.1	100.0	100.0
Oregon	10,911	1,260	11.5%	R	0	0	0.0	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	4.9	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	2.4	92.5	100.0
Pemiscot	17,650	2,551	14.5%	R	3	850:1	89.3	100.0	100.0
Perry	19,202	1,094	5.7%	R	2	547:1	97.3	100.0	100.0
Pettis	42,225	3,067	7.3%	R	4	767:1	99.4	100.0	100.0
Phelps	44,847	3,019	6.7%	R	16	189:1	95.6	100.0	100.0
Pike	18,541	1,114	6.0%	R	0	0	0.7	100.0	100.0
Platte	94,788	2,175	2.3%	B	8	272:1	94.5	100.0	100.0
Polk	31,054	2,299	7.4%	R	11	209:1	98.9	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	5	455:1	86.0	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	80.8	100.0	100.0
Ralls	10,255	650	6.3%	R	0	0	37.2	100.0	100.0
Randolph	25,072	1,948	7.8%	R	1	1948:1	97.4	100.0	100.0
Ray	22,949	1,044	4.5%	R	0	0	66.8	100.0	100.0
Reynolds	6,565	621	9.5%	R	2	311:1	86.2	100.0	100.0

Demographics					Psychiatry		Adult	Adult	Adult
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 40 miles	Distance 1 provider within 80 miles
Ripley	13,969	1,826	13.1%	R	1	1826:1	97.8	100.0	100.0
Saline	23,347	1,603	6.9%	R	5	321:1	86.9	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	0.0	100.0	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	91.1	100.0
Scott	38,903	4,380	11.3%	R	12	365:1	91.8	100.0	100.0
Shannon	8,329	882	10.6%	R	1	882:1	100.0	100.0	100.0
Shelby	6,108	419	6.9%	R	0	0	16.9	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	62	147:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	2	359:1	84.2	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	25	243:1	99.5	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	226	231:1	100.0	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	171	231:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	2	442:1	98.1	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	1	3054:1	84.1	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	49.7	100.0	100.0
Sullivan	6,411	474	7.4%	R	0	0	7.8	100.0	100.0
Taney	54,230	3,530	6.5%	R	7	504:1	95.8	100.0	100.0
Texas	25,642	2,073	8.1%	R	0	0	9.1	100.0	100.0
Vernon	21,001	1,672	8.0%	R	21	80:1	93.5	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	39.3	100.0	100.0
Washington	25,077	2,632	10.5%	R	3	877:1	89.9	100.0	100.0
Wayne	13,452	1,785	13.3%	R	2	893:1	99.2	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	19.0	100.0	100.0
Worth	2,073	127	6.1%	R	0	0	4.7	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	1.0	84.5	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		1290	285:1	**87.1**	**99.8**	**100.0**

FFS Network Adequacy – Behavioral Health Services (CMHC)-2016

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
Adair	25,602	4,947	19.3%	R	2	2474:1	87.3	100.0	100.0
Andrew	17,379	4,822	27.7%	R	0		61.4	94.5	100.0
Atchison	5,382	924	17.2%	R	0		0.0	0.0	40.7
Audrain	25,887	6,299	24.3%	R	1	6299:1	57.0	84.2	100.0
Barry	35,662	13,341	37.4%	R	1	13341:1	30.5	68.5	98.6
Barton	12,057	2,869	23.8%	R	0		0.0	0.0	78.4
Bates	16,584	3,391	20.4%	R	0		0.0	0.0	82.2
Benton	18,806	4,790	25.5%	R	0		0.0	1.9	94.4
Bollinger	12,394	3,195	25.8%	R	0		0.0	0.0	94.6
Boone	172,717	22,941	13.3%	B	0		0.1	6.0	100.0
Buchanan	89,486	18,459	20.6%	B	1	18459:1	94.6	99.1	100.0
Butler	42,972	13,648	31.8%	B	1	13648:1	74.8	98.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		0.0	0.0	53.6
Callaway	44,750	7,644	17.1%	R	0		22.1	42.1	100.0
Camden	44,021	7,510	17.1%	R	0		0.0	0.0	0.7
Cape Girardeau	78,043	14,234	18.2%	B	2	7117:1	70.7	94.4	100.0
Carroll	9,043	1,865	20.6%	R	0		0.0	0.0	0.0
Carter	6,258	2,185	34.9%	R	0		0.0	18.5	65.9
Cass	100,889	15,118	15.0%	B	0		0.3	69.9	100.0
Cedar	13,952	4,299	30.8%	R	0		0.0	0.0	14.0
Chariton	7,694	2,018	26.2%	R	0		0.0	3.8	89.2
Christian	82,101	14,800	18.0%	B	0		39.8	88.4	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	1	30763:1	82.1	90.9	100.0
Clinton	20,299	2,120	10.4%	R	0		0.0	15.9	100.0
Cole	76,557	12,634	16.5%	B	1	12634:1	81.0	96.7	100.0
Cooper	17,585	3,333	19.0%	R	0		0.0	0.0	12.4
Crawford	24,650	6,103	24.8%	R	0		0.0	5.5	99.4
Dade	7,628	1,881	24.7%	R	0		0.0	0.0	97.6
Dallas	16,389	3,891	23.7%	R	0		0.0	0.0	67.8
Daviess	8,297	1,725	20.8%	R	0		0.0	15.1	100.0
DeKalb	12,692	2,922	23.0%	R	0		0.0	3.0	100.0
Dent	15,655	4,321	27.6%	R	0		0.0	0.3	96.8
Douglas	13,546	3,386	25.0%	R	0		0.0	0.0	8.1
Dunklin	31,344	12,438	39.7%	R	0		0.0	0.0	32.2
Franklin	102,084	19,871	19.5%	B	0		0.5	15.0	93.3
Gasconade	14,866	3,112	20.9%	R	0		0.0	0.0	90.0
Gentry	6,826	1,515	22.2%	R	0		0.0	0.0	30.7
Greene	285,865	57,947	20.3%	U	3	19316:1	84.6	98.3	100.0
Grundy	10,197	2,279	22.3%	R	1	2279:1	85.4	100.0	100.0
Harrison	8,639	2,178	25.2%	R	0		0.0	5.5	91.6
Henry	22,028	5,609	25.5%	R	2	2805:1	59.8	83.2	100.0
Hickory	9,219	1,917	20.8%	R	0		0.0	0.0	8.8
Holt	4,516	796	17.6%	R	0		0.0	0.0	100.0
Howard	10,159	2,195	21.6%	R	0		0.0	22.2	97.0
Howell	40,173	12,761	31.8%	R	1	12761:1	49.6	77.3	100.0

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
Iron	10,267	3,399	33.1%	R	0		0.0	0.0	4.1
Jackson	683,191	147,751	21.6%	U	8	18469:1	94.1	100.0	100.0
Jasper	117,543	24,278	20.7%	B	0		51.7	89.2	100.0
Jefferson	222,716	30,761	13.8%	B	1	30761:1	37.8	99.2	100.0
Johnson	54,362	6,748	12.4%	R	0		0.0	7.7	100.0
Knox	4,000	807	20.2%	R	0		0.0	15.9	100.0
Laclede	35,439	9,941	28.1%	R	0		0.0	0.0	2.9
Lafayette	32,688	6,297	19.3%	R	0		0.0	11.5	85.7
Lawrence	38,023	5,472	14.4%	R	0		28.5	80.6	100.0
Lewis	10,138	1,745	17.2%	R	0		0.0	0.0	84.2
Lincoln	54,249	9,810	18.1%	R	0		0.9	60.6	100.0
Linn	12,311	2,131	17.3%	R	0		0.0	0.0	36.5
Livingston	15,053	2,945	19.6%	R	0		0.0	16.0	100.0
Macon	15,479	3,096	20.0%	R	0		4.3	78.6	100.0
Madison	12,368	3,644	29.5%	R	0		0.0	0.0	5.3
Maries	9,013	1,381	15.3%	R	0		2.5	11.8	100.0
Marion	28,920	7,115	24.6%	R	2	3558:1	83.0	95.6	100.0
McDonald	22,800	6,626	29.1%	R	0		0.0	1.3	89.3
Mercer	3,719	722	19.4%	R	0		0.0	0.0	100.0
Miller	25,141	6,281	25.0%	R	0		0.0	0.0	66.0
Mississippi	14,232	4,705	33.1%	R	0		4.4	88.4	100.0
Moniteau	15,856	2,600	16.4%	R	0		0.0	11.5	100.0
Monroe	8,707	977	11.2%	R	1	977:1	61.0	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		0.0	1.9	99.6
Morgan	20,240	5,158	25.5%	R	0		0.0	0.0	10.9
New Madrid	18,272	5,771	31.6%	R	0		6.3	15.7	93.7
Newton	58,598	17,745	30.3%	B	1	17745:1	45.2	78.6	100.0
Nodaway	23,081	2,662	11.5%	R	0		0.0	0.0	26.2
Oregon	10,911	3,634	33.3%	R	0		0.0	3.9	95.3
Osage	13,703	1,413	10.3%	R	0		0.0	19.5	100.0
Ozark	9,492	2,429	25.6%	R	0		0.0	6.6	71.9
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	0.4	35.2
Pettis	42,225	10,827	25.6%	R	0		0.0	0.0	15.4
Phelps	44,847	9,505	21.2%	R	1	9505:1	73.3	96.4	100.0
Pike	18,541	3,395	18.3%	R	0		0.0	4.2	98.3
Platte	94,788	9,061	9.6%	B	0		69.6	90.8	100.0
Polk	31,054	7,867	25.3%	R	0		0.0	11.8	83.7
Pulaski	53,436	8,076	15.1%	R	0		0.0	7.3	88.9
Putnam	4,829	1,082	22.4%	R	0		0.0	3.6	76.2
Ralls	10,255	2,006	19.6%	R	1	2006:1	26.9	89.0	100.0
Randolph	25,072	5,833	23.3%	R	1	5833:1	85.7	100.0	100.0
Ray	22,949	3,522	15.3%	R	0		0.0	0.8	96.8
Reynolds	6,565	1,798	27.4%	R	0		0.0	0.0	0.0
Ripley	13,969	4,979	35.6%	R	0		0.0	10.5	96.0

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
Saline	23,347	5,057	21.7%	R	0		0.0	0.0	1.6
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	87.7
Scott	38,903	12,455	32.0%	R	1	12455:1	70.9	98.3	100.0
Shannon	8,329	2,337	28.1%	R	0		0.0	0.0	38.4
Shelby	6,108	1,543	25.3%	R	1	1543:1	24.4	85.9	100.0
St. Charles	379,493	33,082	8.7%	U	3	11027:1	97.5	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	0		0.0	15.9	100.0
St. Francois	65,960	16,584	25.1%	B	0		0.0	6.8	98.4
St. Louis City	317,419	100,441	31.6%	U	5	20088:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	5	31339:1	95.5	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	0		0.0	8.7	86.3
Stoddard	29,867	8,421	28.2%	R	0		0.0	9.7	100.0
Stone	31,104	5,756	18.5%	R	0		0.0	2.9	74.8
Sullivan	6,411	1,529	23.8%	R	0		0.0	13.0	100.0
Taney	54,230	13,078	24.1%	R	0		0.0	0.0	83.9
Texas	25,642	6,584	25.7%	R	0		0.0	0.0	58.2
Vernon	21,001	5,049	24.0%	R	0		0.0	0.0	3.6
Warren	33,253	6,188	18.6%	R	0		0.0	69.2	100.0
Washington	25,077	7,202	28.7%	R	0		0.0	4.3	90.7
Wayne	13,452	4,681	34.8%	R	0		8.6	27.9	100.0
Webster	36,888	9,281	25.2%	R	0		5.2	25.8	97.4
Worth	2,073	431	20.8%	R	0		0.0	0.0	0.0
Wright	18,291	6,926	37.9%	R	0		0.0	0.0	18.2
TOTAL:	**6,063,589**	**1,187,627**	**19.6%**		**48**		**54.6**	**67.5**	**90.1**

FFS Network Adequacy – Behavioral Health Services (CMHC)-2017

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
Adair	25,602	1,636	6.4%	R	2	818:1	89.0	100.0	100.0
Andrew	17,379	1,299	7.5%	R	0	0	61.3	94.9	100.0
Atchison	5,382	336	6.2%	R	0	0	0.0	0.0	36.0
Audrain	25,887	1,860	7.2%	R	1	1860:1	59.3	84.0	100.0
Barry	35,662	3,686	10.3%	R	1	3686:1	26.5	66.0	98.6
Barton	12,057	839	7.0%	R	0	0	0.0	0.0	78.4
Bates	16,584	1,059	6.4%	R	0	0	0.0	0.0	83.5
Benton	18,806	1,715	9.1%	R	0	0	0.0	2.0	94.6
Bollinger	12,394	1,015	8.2%	R	0	0	0.0	0.0	96.4
Boone	172,717	7,012	4.1%	B	0	0	0.1	5.5	100.0
Buchanan	89,486	5,467	6.1%	B	1	5467:1	95.3	99.2	100.0
Butler	42,972	4,893	11.4%	B	1	4893:1	76.6	98.2	100.0
Caldwell	9,034	513	5.7%	R	0	0	0.0	0.0	57.3
Callaway	44,750	2,288	5.1%	R	0	0	20.1	38.6	100.0
Camden	44,021	2,110	4.8%	R	0	0	0.0	0.0	0.7
Cape Girardeau	78,043	4,307	5.5%	B	2	2154:1	72.8	95.3	100.0
Carroll	9,043	592	6.5%	R	0	0	0.0	0.0	0.0
Carter	6,258	830	13.3%	R	0	0	0.0	16.5	61.8
Cass	100,889	3,613	3.6%	B	0	0	0.3	66.8	100.0
Cedar	13,952	1,380	9.9%	R	0	0	0.0	0.0	12.8
Chariton	7,694	645	8.4%	R	0	0	0.0	3.7	90.5
Christian	82,101	3,522	4.3%	B	0	0	40.1	88.9	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	0.0	0.0
Clay	233,682	7,795	3.3%	B	1	7795:1	80.6	90.1	100.0
Clinton	20,299	558	2.7%	R	0	0	0.0	16.1	100.0
Cole	76,557	3,578	4.7%	B	1	3578:1	81.0	96.9	100.0
Cooper	17,585	1,064	6.1%	R	0	0	0.0	0.0	12.4
Crawford	24,650	1,910	7.7%	R	0	0	0.0	5.5	99.4
Dade	7,628	552	7.2%	R	0	0	0.0	0.0	98.4
Dallas	16,389	1,339	8.2%	R	0	0	0.0	0.0	70.2
Daviess	8,297	451	5.4%	R	0	0	0.0	14.6	100.0
DeKalb	12,692	841	6.6%	R	0	0	0.0	3.8	100.0
Dent	15,655	1,527	9.8%	R	0	0	0.0	0.0	96.7
Douglas	13,546	1,057	7.8%	R	0	0	0.0	0.0	7.3
Dunklin	31,344	4,384	14.0%	R	0	0	0.0	0.0	32.9
Franklin	102,084	5,445	5.3%	B	0	0	0.5	13.4	93.1
Gasconade	14,866	950	6.4%	R	0	0	0.0	0.0	89.6
Gentry	6,826	436	6.4%	R	0	0	0.0	0.0	28.0
Greene	285,865	17,632	6.2%	U	3	5877:1	87.9	98.5	100.0
Grundy	10,197	747	7.3%	R	1	747:1	86.5	100.0	100.0
Harrison	8,639	654	7.6%	R	0	0	0.0	6.7	93.1
Henry	22,028	1,945	8.8%	R	2	973:1	62.5	83.9	100.0
Hickory	9,219	707	7.7%	R	0	0	0.0	0.0	8.8

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
Holt	4,516	237	5.2%	R	0	0	0.0	0.0	100.0
Howard	10,159	721	7.1%	R	0	0	0.0	24.0	97.1
Howell	40,173	4,233	10.5%	R	1	4233:1	51.5	78.2	100.0
Iron	10,267	1,297	12.6%	R	0	0	0.0	0.0	4.0
Jackson	683,191	39,120	5.7%	U	8	4890:1	94.9	100.0	100.0
Jasper	117,543	6,762	5.8%	B	0	0	56.9	91.0	100.0
Jefferson	222,716	8,948	4.0%	B	1	8948:1	41.5	99.2	100.0
Johnson	54,362	1,813	3.3%	R	0	0	0.0	7.7	100.0
Knox	4,000	239	6.0%	R	0	0	0.0	16.7	100.0
Laclede	35,439	2,947	8.3%	R	0	0	0.0	0.0	2.7
Lafayette	32,688	1,758	5.4%	R	0	0	0.0	9.4	86.6
Lawrence	38,023	1,446	3.8%	R	0	0	27.7	81.5	100.0
Lewis	10,138	605	6.0%	R	0	0	0.0	0.0	85.8
Lincoln	54,249	2,774	5.1%	R	0	0	0.8	58.5	100.0
Linn	12,311	777	6.3%	R	0	0	0.0	0.0	34.7
Livingston	15,053	995	6.6%	R	0	0	0.0	15.3	100.0
Macon	15,479	1,019	6.6%	R	0	0	4.3	80.1	100.0
Madison	12,368	1,246	10.1%	R	0	0	0.0	0.0	5.6
Maries	9,013	428	4.7%	R	0	0	2.3	10.3	100.0
Marion	28,920	2,595	9.0%	R	2	1298:1	86.4	96.6	100.0
McDonald	22,800	1,668	7.3%	R	0	0	0.0	1.3	88.5
Mercer	3,719	216	5.8%	R	0	0	0.0	0.0	100.0
Miller	25,141	1,851	7.4%	R	0	0	0.0	0.0	69.5
Mississippi	14,232	1,717	12.1%	R	0	0	4.7	87.4	100.0
Moniteau	15,856	680	4.3%	R	0	0	0.0	11.5	100.0
Monroe	8,707	331	3.8%	R	1	331:1	67.4	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	0.0	1.9	99.6
Morgan	20,240	1,814	9.0%	R	0	0	0.0	0.0	9.9
New Madrid	18,272	2,080	11.4%	R	0	0	7.5	16.6	92.9
Newton	58,598	4,852	8.3%	B	1	4852:1	47.7	79.5	100.0
Nodaway	23,081	884	3.8%	R	0	0	0.0	0.0	27.9
Oregon	10,911	1,260	11.5%	R	0	0	0.0	3.9	95.9
Osage	13,703	426	3.1%	R	0	0	0.0	18.1	100.0
Ozark	9,492	796	8.4%	R	0	0	0.0	4.8	70.9
Pemiscot	17,650	2,551	14.5%	R	0	0	0.0	0.0	0.0
Perry	19,202	1,094	5.7%	R	0	0	0.0	0.3	34.3
Pettis	42,225	3,067	7.3%	R	0	0	0.0	0.0	13.6
Phelps	44,847	3,019	6.7%	R	1	3019:1	74.8	96.1	100.0
Pike	18,541	1,114	6.0%	R	0	0	0.0	4.8	98.3
Platte	94,788	2,175	2.3%	B	0	0	65.3	89.0	100.0
Polk	31,054	2,299	7.4%	R	0	0	0.0	9.6	80.7
Pulaski	53,436	2,275	4.3%	R	0	0	0.0	8.1	89.3
Putnam	4,829	365	7.6%	R	0	0	0.0	4.9	78.6
Ralls	10,255	650	6.3%	R	1	650:1	28.3	89.8	100.0
Randolph	25,072	1,948	7.8%	R	1	1948:1	88.0	100.0	100.0
Ray	22,949	1,044	4.5%	R	0	0	0.0	0.7	96.7
Reynolds	6,565	621	9.5%	R	0	0	0.0	0.0	0.0

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
Ripley	13,969	1,826	13.1%	R	0	0	0.0	10.1	96.8
Saline	23,347	1,603	6.9%	R	0	0	0.0	0.0	1.7
Schuyler	4,370	296	6.8%	R	0	0	0.0	36.1	100.0
Scotland	4,863	224	4.6%	R	0	0	0.0	0.0	91.1
Scott	38,903	4,380	11.3%	R	1	4380:1	71.0	98.4	100.0
Shannon	8,329	882	10.6%	R	0	0	0.0	0.0	41.5
Shelby	6,108	419	6.9%	R	1	419:1	26.0	85.9	100.0
St. Charles	379,493	9,085	2.4%	U	3	3028:1	97.7	100.0	100.0
St. Clair	9,457	717	7.6%	R	0	0	0.0	19.5	100.0
St. Francois	65,960	6,074	9.2%	B	0	0	0.0	5.9	98.2
St. Louis Co.	1,001,876	52,150	5.2%	U	5	10430:1	95.7	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	5	7917:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	0	0	0.0	7.9	85.7
Stoddard	29,867	3,054	10.2%	R	0	0	0.0	9.7	100.0
Stone	31,104	1,633	5.3%	R	0	0	0.0	2.9	75.7
Sullivan	6,411	474	7.4%	R	0	0	0.0	17.3	100.0
Taney	54,230	3,530	6.5%	R	0	0	0.0	0.0	83.7
Texas	25,642	2,073	8.1%	R	0	0	0.0	0.0	57.0
Vernon	21,001	1,672	8.0%	R	0	0	0.0	0.0	3.0
Warren	33,253	1,574	4.7%	R	0	0	0.0	68.3	100.0
Washington	25,077	2,632	10.5%	R	0	0	0.0	3.9	90.6
Wayne	13,452	1,785	13.3%	R	0	0	6.6	27.7	100.0
Webster	36,888	2,495	6.8%	R	0	0	4.4	22.4	97.3
Worth	2,073	127	6.1%	R	0	0	0.0	0.0	0.0
Wright	18,291	2,195	12.0%	R	0	0	0.0	0.0	18.5
TOTAL:	**6,063,589**	**367,549**	6.1%		**48**	7657:1	**55.7**	**67.2**	**89.8**

FFS Network Adequacy – OB/GYN Providers-2016

Demographics					OB/GYN				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 30 miles	Distance 1 provider within 60 miles
Adair	25,602	4,947	19.3%	R	4	1237:1	99.9	100.0	100.0
Andrew	17,379	4,822	27.7%	R	3	1607:1	98.7	100.0	100.0
Atchison	5,382	924	17.2%	R	1	924:1	86.6	100.0	100.0
Audrain	25,887	6,299	24.3%	R	2	3150:1	66.7	100.0	100.0
Barry	35,662	13,341	37.4%	R	2	6671:1	89.9	100.0	100.0
Barton	12,057	2,869	23.8%	R	6	478:1	89.3	100.0	100.0
Bates	16,584	3,391	20.4%	R	1	3391:1	91.4	100.0	100.0
Benton	18,806	4,790	25.5%	R	2	2395:1	85.2	100.0	100.0
Bollinger	12,394	3,195	25.8%	R	0		14.8	100.0	100.0
Boone	172,717	22,941	13.3%	B	53	433:1	98.9	100.0	100.0
Buchanan	89,486	18,459	20.6%	B	23	803:1	99.0	100.0	100.0
Butler	42,972	13,648	31.8%	R	7	1950:1	96.1	100.0	100.0
Caldwell	9,034	1,693	18.7%	R	0		40.0	100.0	100.0
Callaway	44,750	7,644	17.1%	R	1	7644:1	96.5	100.0	100.0
Camden	44,021	7,510	17.1%	R	6	1252:1	88.9	100.0	100.0
Cape Girardeau	78,043	14,234	18.2%	B	20	712:1	92.8	100.0	100.0
Carroll	9,043	1,865	20.6%	R	4	466:1	95.3	100.0	100.0
Carter	6,258	2,185	34.9%	R	1	2185:1	50.2	100.0	100.0
Cass	100,889	15,118	15.0%	B	11	1374:1	92.8	100.0	100.0
Cedar	13,952	4,299	30.8%	R	5	860:1	98.0	100.0	100.0
Chariton	7,694	2,018	26.2%	R	2	1009:1	81.7	100.0	100.0
Christian	82,101	14,800	18.0%	B	2	7400:1	98.3	100.0	100.0
Clark	6,917	1,365	19.7%	R	0		0.0	76.1	100.0
Clay	233,682	30,763	13.2%	B	43	715:1	97.2	100.0	100.0
Clinton	20,299	2,120	10.4%	R	0		22.8	100.0	100.0
Cole	76,557	12,634	16.5%	B	24	526:1	98.6	100.0	100.0
Cooper	17,585	3,333	19.0%	R	0		11.4	100.0	100.0
Crawford	24,650	6,103	24.8%	R	0		34.2	100.0	100.0
Dade	7,628	1,881	24.7%	R	2	941:1	100.0	100.0	100.0
Dallas	16,389	3,891	23.7%	R	1	3891:1	84.1	100.0	100.0
Daviess	8,297	1,725	20.8%	R	0		14.1	100.0	100.0
DeKalb	12,692	2,922	23.0%	R	3	974:1	84.2	100.0	100.0
Dent	15,655	4,321	27.6%	R	0		6.2	92.8	100.0
Douglas	13,546	3,386	25.0%	R	0		0.0	91.1	100.0
Dunklin	31,344	12,438	39.7%	R	3	4146:1	53.9	100.0	100.0
Franklin	102,084	19,871	19.5%	B	9	2208:1	69.3	100.0	100.0
Gasconade	14,866	3,112	20.9%	R	0		0.8	77.7	100.0
Gentry	6,826	1,515	22.2%	R	1	1515:1	74.7	100.0	100.0
Greene	285,865	57,947	20.3%	U	84	690:1	96.7	100.0	100.0
Grundy	10,197	2,279	22.3%	R	9	253:1	99.1	100.0	100.0
Harrison	8,639	2,178	25.2%	R	1	2178:1	81.9	100.0	100.0
Henry	22,028	5,609	25.5%	R	5	1122:1	75.0	100.0	100.0
Hickory	9,219	1,917	20.8%	R	0		0.0	100.0	100.0
Holt	4,516	796	17.6%	R	0		24.9	100.0	100.0
Howard	10,159	2,195	21.6%	R	0		17.8	100.0	100.0

Demographics					OB/GYN				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 30 miles	Distance 1 provider within 60 miles
Howell	40,173	12,761	31.8%	R	9	1418:1	66.8	100.0	100.0
Iron	10,267	3,399	33.1%	R	5	680:1	100.0	100.0	100.0
Jackson	683,191	147,751	21.6%	U	174	849:1	100.0	100.0	100.0
Jasper	117,543	24,278	20.7%	B	12	2023:1	98.3	100.0	100.0
Jefferson	222,716	30,761	13.8%	B	11	2796:1	90.0	100.0	100.0
Johnson	54,362	6,748	12.4%	R	7	964:1	97.5	100.0	100.0
Knox	4,000	807	20.2%	R	0		0.0	95.2	100.0
Laclede	35,439	9,941	28.1%	R	5	1988:1	85.0	100.0	100.0
Lafayette	32,688	6,297	19.3%	R	4	1574:1	98.2	100.0	100.0
Lawrence	38,023	5,472	14.4%	R	2	2736:1	82.1	100.0	100.0
Lewis	10,138	1,745	17.2%	R	0		0.0	28.3	100.0
Lincoln	54,249	9,810	18.1%	R	2	4905:1	84.4	100.0	100.0
Linn	12,311	2,131	17.3%	R	1	2131:1	94.9	100.0	100.0
Livingston	15,053	2,945	19.6%	R	4	736:1	95.8	100.0	100.0
Macon	15,479	3,096	20.0%	R	2	1548:1	84.1	100.0	100.0
Madison	12,368	3,644	29.5%	R	2	1822:1	100.0	100.0	100.0
Maries	9,013	1,381	15.3%	R	0		7.6	93.3	100.0
Marion	28,920	7,115	24.6%	R	5	1423:1	96.5	100.0	100.0
McDonald	22,800	6,626	29.1%	R	1	6626:1	77.7	100.0	100.0
Mercer	3,719	722	19.4%	R	0		0.0	100.0	100.0
Miller	25,141	6,281	25.0%	R	2	3141:1	84.5	100.0	100.0
Mississippi	14,232	4,705	33.1%	R	0		33.6	100.0	100.0
Moniteau	15,856	2,600	16.4%	R	0		16.0	100.0	100.0
Monroe	8,707	977	11.2%	R	1	977:1	92.5	100.0	100.0
Montgomery	11,841	2,713	22.9%	R	0		0.0	99.6	100.0
Morgan	20,240	5,158	25.5%	R	3	1719:1	96.2	100.0	100.0
New Madrid	18,272	5,771	31.6%	R	0		26.4	100.0	100.0
Newton	58,598	17,745	30.3%	B	24	739:1	96.7	100.0	100.0
Nodaway	23,081	2,662	11.5%	R	4	666:1	82.6	100.0	100.0
Oregon	10,911	3,634	33.3%	R	1	3634:1	55.9	100.0	100.0
Osage	13,703	1,413	10.3%	R	0		7.0	100.0	100.0
Ozark	9,492	2,429	25.6%	R	0		3.3	41.6	100.0
Pemiscot	17,650	7,173	40.6%	R	2	3587:1	90.1	100.0	100.0
Perry	19,202	3,669	19.1%	R	4	917:1	93.2	100.0	100.0
Pettis	42,225	10,827	25.6%	R	6	1805:1	99.3	100.0	100.0
Phelps	44,847	9,505	21.2%	R	11	864:1	89.9	100.0	100.0
Pike	18,541	3,395	18.3%	R	0		0.0	29.7	100.0
Platte	94,788	9,061	9.6%	B	10	906:1	98.4	100.0	100.0
Polk	31,054	7,867	25.3%	R	8	983:1	84.8	100.0	100.0
Pulaski	53,436	8,076	15.1%	R	2	4038:1	89.3	100.0	100.0
Putnam	4,829	1,082	22.4%	R	1	1082:1	81.3	100.0	100.0
Ralls	10,255	2,006	19.6%	R	1	2006:1	74.9	100.0	100.0
Randolph	25,072	5,833	23.3%	R	4	1458:1	96.7	100.0	100.0
Ray	22,949	3,522	15.3%	R	0		57.2	100.0	100.0

Demographics					OB/GYN				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 30 miles	Distance 1 provider within 60 miles
Reynolds	6,565	1,798	27.4%	R	2	899:1	84.5	100.0	100.0
Ripley	13,969	4,979	35.6%	R	2	2490:1	96.8	100.0	100.0
Saline	23,347	5,057	21.7%	R	6	843:1	74.3	100.0	100.0
Schuyler	4,370	955	21.9%	R	0		17.3	100.0	100.0
Scotland	4,863	822	16.9%	R	3	274:1	100.0	100.0	100.0
Scott	38,903	12,455	32.0%	R	8	1557:1	98.6	100.0	100.0
Shannon	8,329	2,337	28.1%	R	0		0.0	94.8	100.0
Shelby	6,108	1,543	25.3%	R	0		27.7	100.0	100.0
St. Charles	379,493	33,082	8.7%	U	90	368:1	100.0	100.0	100.0
St. Clair	9,457	2,123	22.4%	R	0		10.9	100.0	100.0
St. Francois	65,960	16,584	25.1%	B	24	691:1	100.0	100.0	100.0
St. Louis City	317,419	100,441	31.6%	U	151	665:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	156,695	15.6%	U	351	446:1	100.0	100.0	100.0
Ste. Genevieve	17,914	2,803	15.6%	R	4	701:1	97.8	100.0	100.0
Stoddard	29,867	8,421	28.2%	R	6	1404:1	78.5	100.0	100.0
Stone	31,104	5,756	18.5%	R	0		51.8	100.0	100.0
Sullivan	6,411	1,529	23.8%	R	2	765:1	82.9	100.0	100.0
Taney	54,230	13,078	24.1%	R	13	1006:1	95.5	100.0	100.0
Texas	25,642	6,584	25.7%	R	2	3292:1	48.0	100.0	100.0
Vernon	21,001	5,049	24.0%	R	3	1683:1	93.4	100.0	100.0
Warren	33,253	6,188	18.6%	R	0		63.6	100.0	100.0
Washington	25,077	7,202	28.7%	R	1	7202:1	91.4	100.0	100.0
Wayne	13,452	4,681	34.8%	R	2	2341:1	89.5	100.0	100.0
Webster	36,888	9,281	25.2%	R	0		23.7	98.1	100.0
Worth	2,073	431	20.8%	R	0		7.2	100.0	100.0
Wright	18,291	6,926	37.9%	R	0		1.2	63.4	100.0
TOTAL:	**6,063,589**	**1,187,627**			**1341.00**		**88.0**	**99.2**	**100.0**

FFS Network Adequacy – OB/GYN Providers-2017

	Demographics				OB/GYN				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 30 miles	Distance 1 provider within 60 miles
Adair	25,602	1,636	6.4%	R	4	409:1	99.9	100.0	100.0
Andrew	17,379	1,299	7.5%	R	3	433:1	98.8	100.0	100.0
Atchison	5,382	336	6.2%	R	1	336:1	89.0	100.0	100.0
Audrain	25,887	1,860	7.2%	R	2	930:1	68.4	100.0	100.0
Barry	35,662	3,686	10.3%	R	2	1843:1	89.1	100.0	100.0
Barton	12,057	839	7.0%	R	6	140:1	89.3	100.0	100.0
Bates	16,584	1,059	6.4%	R	1	1059:1	92.9	100.0	100.0
Benton	18,806	1,715	9.1%	R	2	858:1	87.7	100.0	100.0
Bollinger	12,394	1,015	8.2%	R	0	0	10.0	100.0	100.0
Boone	172,717	7,012	4.1%	B	53	132:1	98.9	100.0	100.0
Buchanan	89,486	5,467	6.1%	B	23	238:1	99.1	100.0	100.0
Butler	42,972	4,893	11.4%	R	7	699:1	96.5	100.0	100.0
Caldwell	9,034	513	5.7%	R	0	0	43.3	100.0	100.0
Callaway	44,750	2,288	5.1%	R	1	2288:1	96.9	100.0	100.0
Camden	44,021	2,110	4.8%	R	6	352:1	89.9	100.0	100.0
Cape Girardeau	78,043	4,307	5.5%	B	20	215:1	93.8	100.0	100.0
Carroll	9,043	592	6.5%	R	4	148:1	95.4	100.0	100.0
Carter	6,258	830	13.3%	R	1	830:1	54.6	100.0	100.0
Cass	100,889	3,613	3.6%	B	11	328:1	92.7	100.0	100.0
Cedar	13,952	1,380	9.9%	R	5	276:1	97.4	100.0	100.0
Chariton	7,694	645	8.4%	R	2	323:1	79.8	100.0	100.0
Christian	82,101	3,522	4.3%	B	2	1761:1	98.3	100.0	100.0
Clark	6,917	382	5.5%	R	0	0	0.0	75.1	100.0
Clay	233,682	7,795	3.3%	B	43	181:1	97.0	100.0	100.0
Clinton	20,299	558	2.7%	R	0	0	24.6	100.0	100.0
Cole	76,557	3,578	4.7%	B	24	149:1	98.7	100.0	100.0
Cooper	17,585	1,064	6.1%	R	0	0	12.5	100.0	100.0
Crawford	24,650	1,910	7.7%	R	0	0	33.2	100.0	100.0
Dade	7,628	552	7.2%	R	2	276:1	100.0	100.0	100.0
Dallas	16,389	1,339	8.2%	R	1	1339:1	86.0	100.0	100.0
Daviess	8,297	451	5.4%	R	0	0	14.4	100.0	100.0
DeKalb	12,692	841	6.6%	R	3	280:1	85.9	100.0	100.0
Dent	15,655	1,527	9.8%	R	0	0	6.3	92.9	100.0
Douglas	13,546	1,057	7.8%	R	0	0	0.0	92.4	100.0
Dunklin	31,344	4,384	14.0%	R	3	1461:1	54.1	100.0	100.0
Franklin	102,084	5,445	5.3%	B	9	605:1	69.6	100.0	100.0
Gasconade	14,866	950	6.4%	R	0	0	0.9	78.1	100.0
Gentry	6,826	436	6.4%	R	1	436:1	76.8	100.0	100.0
Greene	285,865	17,632	6.2%	U	84	210:1	97.2	100.0	100.0
Grundy	10,197	747	7.3%	R	9	83:1	99.1	100.0	100.0
Harrison	8,639	654	7.6%	R	1	654:1	81.3	100.0	100.0
Henry	22,028	1,945	8.8%	R	5	389:1	76.0	100.0	100.0
Hickory	9,219	707	7.7%	R	0	0	0.0	100.0	100.0
Holt	4,516	237	5.2%	R	0	0	24.9	100.0	100.0
Howard	10,159	721	7.1%	R	0	0	16.8	100.0	100.0
Howell	40,173	4,233	10.5%	R	9	470:1	67.8	100.0	100.0
Iron	10,267	1,297	12.6%	R	5	259:1	100.0	100.0	100.0

	Demographics				OB/GYN				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 30 miles	Distance 1 provider within 60 miles
Jackson	683,191	39,120	5.7%	U	174	225:1	100.0	100.0	100.0
Jasper	117,543	6,762	5.8%	B	12	564:1	98.5	100.0	100.0
Jefferson	222,716	8,948	4.0%	B	11	813:1	89.7	100.0	100.0
Johnson	54,362	1,813	3.3%	R	7	259:1	98.0	100.0	100.0
Knox	4,000	239	6.0%	R	0	0	0.0	95.4	100.0
Laclede	35,439	2,947	8.3%	R	5	589:1	85.8	100.0	100.0
Lafayette	32,688	1,758	5.4%	R	4	440:1	98.4	100.0	100.0
Lawrence	38,023	1,446	3.8%	R	2	723:1	82.6	100.0	100.0
Lewis	10,138	605	6.0%	R	0	0	0.0	26.3	100.0
Lincoln	54,249	2,774	5.1%	R	2	1387:1	83.7	100.0	100.0
Linn	12,311	777	6.3%	R	1	777:1	94.7	100.0	100.0
Livingston	15,053	995	6.6%	R	4	249:1	97.3	100.0	100.0
Macon	15,479	1,019	6.6%	R	2	510:1	85.6	100.0	100.0
Madison	12,368	1,246	10.1%	R	2	623:1	100.0	100.0	100.0
Maries	9,013	428	4.7%	R	0	0	6.5	93.0	100.0
Marion	28,920	2,595	9.0%	R	5	519:1	97.6	100.0	100.0
McDonald	22,800	1,668	7.3%	R	1	1668:1	78.5	100.0	100.0
Mercer	3,719	216	5.8%	R	0	0	0.0	100.0	100.0
Miller	25,141	1,851	7.4%	R	2	926:1	84.8	100.0	100.0
Mississippi	14,232	1,717	12.1%	R	0	0	32.5	100.0	100.0
Moniteau	15,856	680	4.3%	R	0	0	14.1	100.0	100.0
Monroe	8,707	331	3.8%	R	1	331:1	92.4	100.0	100.0
Montgomery	11,841	852	7.2%	R	0	0	0.0	99.6	100.0
Morgan	20,240	1,814	9.0%	R	3	605:1	96.7	100.0	100.0
New Madrid	18,272	2,080	11.4%	R	0	0	27.0	100.0	100.0
Newton	58,598	4,852	8.3%	B	24	202:1	96.9	100.0	100.0
Nodaway	23,081	884	3.8%	R	4	221:1	85.1	100.0	100.0
Oregon	10,911	1,260	11.5%	R	1	1260:1	51.6	100.0	100.0
Osage	13,703	426	3.1%	R	0	0	4.9	100.0	100.0
Ozark	9,492	796	8.4%	R	0	0	2.4	39.8	100.0
Pemiscot	17,650	2,551	14.5%	R	2	1276:1	89.3	100.0	100.0
Perry	19,202	1,094	5.7%	R	4	274:1	94.1	100.0	100.0
Pettis	42,225	3,067	7.3%	R	6	511:1	99.4	100.0	100.0
Phelps	44,847	3,019	6.7%	R	11	274:1	90.4	100.0	100.0
Pike	18,541	1,114	6.0%	R	0	0	0.0	30.8	100.0
Platte	94,788	2,175	2.3%	B	10	218:1	98.4	100.0	100.0
Polk	31,054	2,299	7.4%	R	8	287:1	81.8	100.0	100.0
Pulaski	53,436	2,275	4.3%	R	2	1138:1	88.3	100.0	100.0
Putnam	4,829	365	7.6%	R	1	365:1	80.8	100.0	100.0
Ralls	10,255	650	6.3%	R	1	650:1	74.2	100.0	100.0
Randolph	25,072	1,948	7.8%	R	4	487:1	97.4	100.0	100.0
Ray	22,949	1,044	4.5%	R	0	0	63.5	100.0	100.0
Reynolds	6,565	621	9.5%	R	2	311:1	86.2	100.0	100.0
Ripley	13,969	1,826	13.1%	R	2	913:1	97.4	100.0	100.0

	Demographics				OB/GYN				
County	Total Population	Eligibles	% Medicaid	County Type Urban Basic Rural	Physicians	Ratio	Distance 1 provider within 15 miles	Distance 1 provider within 30 miles	Distance 1 provider within 60 miles
Saline	23,347	1,603	6.9%	R	6	267:1	75.5	100.0	100.0
Schuyler	4,370	296	6.8%	R	0	0	18.2	100.0	100.0
Scotland	4,863	224	4.6%	R	3	75:1	100.0	100.0	100.0
Scott	38,903	4,380	11.3%	R	8	548:1	98.7	100.0	100.0
Shannon	8,329	882	10.6%	R	0	0	0.0	95.0	100.0
Shelby	6,108	419	6.9%	R	0	0	31.0	100.0	100.0
St. Charles	379,493	9,085	2.4%	U	90	101:1	100.0	100.0	100.0
St. Clair	9,457	717	7.6%	R	0	0	10.6	100.0	100.0
St. Francois	65,960	6,074	9.2%	B	24	253:1	100.0	100.0	100.0
St. Louis Co.	1,001,876	52,150	5.2%	U	351	149:1	100.0	100.0	100.0
St. Louis City	3,171,419	39,585	1.2%	U	151	262:1	100.0	100.0	100.0
Ste. Genevieve	17,914	884	4.9%	R	4	221:1	97.7	100.0	100.0
Stoddard	29,867	3,054	10.2%	R	6	509:1	78.0	100.0	100.0
Stone	31,104	1,633	5.3%	R	0	0	52.2	100.0	100.0
Sullivan	6,411	474	7.4%	R	2	237:1	80.2	100.0	100.0
Taney	54,230	3,530	6.5%	R	13	272:1	95.8	100.0	100.0
Texas	25,642	2,073	8.1%	R	2	1037:1	49.3	100.0	100.0
Vernon	21,001	1,672	8.0%	R	3	557:1	93.9	100.0	100.0
Warren	33,253	1,574	4.7%	R	0	0	61.8	100.0	100.0
Washington	25,077	2,632	10.5%	R	1	2632:1	91.6	100.0	100.0
Wayne	13,452	1,785	13.3%	R	2	893:1	88.1	100.0	100.0
Webster	36,888	2,495	6.8%	R	0	0	20.5	98.0	100.0
Worth	2,073	127	6.1%	R	0	0	4.7	100.0	100.0
Wright	18,291	2,195	12.0%	R	0	0	1.0	63.9	100.0
TOTAL:	**6,063,589**	**367,549**	6.1%		**1341.00**	274:1	**87.9**	**99.2**	**100.0**

FFS Network Adequacy – Home Health Agencies-2016

Home Health					
County	Total Population	MO HealthNet Population	% Medicaid	County Type Urban Basic Rural	Providers
Adair	25,602	4,947	19.3%	R	2
Andrew	17,379	4,822	27.7%	R	0
Atchison	5,382	924	17.2%	R	1
Audrain	25,887	6,299	24.3%	R	1
Barry	35,662	13,341	37.4%	R	0
Barton	12,057	2,869	23.8%	R	1
Bates	16,584	3,391	20.4%	R	0
Benton	18,806	4,790	25.5%	R	1
Bollinger	12,394	3,195	25.8%	R	0
Boone	172,717	22,941	13.3%	B	4
Buchanan	89,486	18,459	20.6%	B	3
Butler	42,972	13,648	31.8%	R	1
Caldwell	9,034	1,693	18.7%	R	0
Callaway	44,750	7,644	17.1%	R	0
Camden	44,021	7,510	17.1%	R	1
Cape Girardeau	78,043	14,234	18.2%	B	3
Carroll	9,043	1,865	20.6%	R	1
Carter	6,258	2,185	34.9%	R	1
Cass	100,889	15,118	15.0%	B	0
Cedar	13,952	4,299	30.8%	R	2
Chariton	7,694	2,018	26.2%	R	0
Christian	82,101	14,800	18.0%	B	1
Clark	6,917	1,365	19.7%	R	1
Clay	233,682	30,763	13.2%	B	4
Clinton	20,299	2,120	10.4%	R	1
Cole	76,557	12,634	16.5%	B	5
Cooper	17,585	3,333	19.0%	R	0
Crawford	24,650	6,103	24.8%	R	0
Dade	7,628	1,881	24.7%	R	0
Dallas	16,389	3,891	23.7%	R	0
Daviess	8,297	1,725	20.8%	R	0
DeKalb	12,692	2,922	23.0%	R	0
Dent	15,655	4,321	27.6%	R	1
Douglas	13,546	3,386	25.0%	R	0
Dunklin	31,344	12,438	39.7%	R	3
Franklin	102,084	19,871	19.5%	B	0
Gasconade	14,866	3,112	20.9%	R	1

Home Health					
County	Total Population	MO HealthNet Population	% Medicaid	County Type Urban Basic Rural	Providers
Gentry	6,826	1,515	22.2%	R	1
Greene	285,865	57,947	20.3%	U	7
Grundy	10,197	2,279	22.3%	R	1
Harrison	8,639	2,178	25.2%	R	1
Henry	22,028	5,609	25.5%	R	1
Hickory	9,219	1,917	20.8%	R	0
Holt	4,516	796	17.6%	R	0
Howard	10,159	2,195	21.6%	R	1
Howell	40,173	12,761	31.8%	R	2
Iron	10,267	3,399	33.1%	R	1
Jackson	683,191	147,751	21.6%	U	14
Jasper	117,543	24,278	20.7%	B	2
Jefferson	222,716	30,761	13.8%	B	3
Johnson	54,362	6,748	12.4%	R	1
Knox	4,000	807	20.2%	R	1
Laclede	35,439	9,941	28.1%	R	0
Lafayette	32,688	6,297	19.3%	R	0
Lawrence	38,023	5,472	14.4%	R	0
Lewis	10,138	1,745	17.2%	R	1
Lincoln	54,249	9,810	18.1%	R	0
Linn	12,311	2,131	17.3%	R	0
Livingston	15,053	2,945	19.6%	R	0
Macon	15,479	3,096	20.0%	R	0
Madison	12,368	3,644	29.5%	R	1
Maries	9,013	1,381	15.3%	R	0
Marion	28,920	7,115	24.6%	R	1
McDonald	22,800	6,626	29.1%	R	0
Mercer	3,719	722	19.4%	R	0
Miller	25,141	6,281	25.0%	R	0
Mississippi	14,232	4,705	33.1%	R	0
Moniteau	15,856	2,600	16.4%	R	0
Monroe	8,707	977	11.2%	R	1
Montgomery	11,841	2,713	22.9%	R	1
Morgan	20,240	5,158	25.5%	R	0
New Madrid	18,272	5,771	31.6%	R	0
Newton	58,598	17,745	30.3%	B	2
Nodaway	23,081	2,662	11.5%	R	2
Oregon	10,911	3,634	33.3%	R	0
Osage	13,703	1,413	10.3%	R	0
Ozark	9,492	2,429	25.6%	R	0

Home Health					
County	Total Population	MO HealthNet Population	% Medicaid	County Type Urban Basic Rural	Providers
Pemiscot	17,650	7,173	40.6%	R	1
Perry	19,202	3,669	19.1%	R	1
Pettis	42,225	10,827	25.6%	R	0
Phelps	44,847	9,505	21.2%	R	3
Pike	18,541	3,395	18.3%	R	1
Platte	94,788	9,061	9.6%	B	0
Polk	31,054	7,867	25.3%	R	1
Pulaski	53,436	8,076	15.1%	R	1
Putnam	4,829	1,082	22.4%	R	0
Ralls	10,255	2,006	19.6%	R	1
Randolph	25,072	5,833	23.3%	R	2
Ray	22,949	3,522	15.3%	R	1
Reynolds	6,565	1,798	27.4%	R	0
Ripley	13,969	4,979	35.6%	R	2
Saline	23,347	5,057	21.7%	R	1
Schuyler	4,370	955	21.9%	R	1
Scotland	4,863	822	16.9%	R	1
Scott	38,903	12,455	32.0%	R	1
Shannon	8,329	2,337	28.1%	R	1
Shelby	6,108	1,543	25.3%	R	0
St. Charles	379,493	33,082	8.7%	U	4
St. Clair	9,457	2,123	22.4%	R	0
St. Francois	65,960	16,584	25.1%	B	1
St. Louis City	317,419	100,441	31.6%	U	5
St. Louis Co.	1,001,876	156,695	15.6%	U	26
Ste. Genevieve	17,914	2,803	15.6%	R	1
Stoddard	29,867	8,421	28.2%	R	2
Stone	31,104	5,756	18.5%	R	0
Sullivan	6,411	1,529	23.8%	R	0
Taney	54,230	13,078	24.1%	R	1
Texas	25,642	6,584	25.7%	R	1
Vernon	21,001	5,049	24.0%	R	1
Warren	33,253	6,188	18.6%	R	0
Washington	25,077	7,202	28.7%	R	0
Wayne	13,452	4,681	34.8%	R	0
Webster	36,888	9,281	25.2%	R	0
Worth	2,073	431	20.8%	R	0
Wright	18,291	6,926	37.9%	R	0
Kansas	N/A	N/A	N/A	N/A	4
Nebraska	N/A	N/A	N/A	N/A	1
Illinois	N/A	N/A	N/A	N/A	1
TOTAL:	**6,063,589**	**1,187,627**	**19.5%**		**151**

FFS Network Adequacy – Home Health Agencies-2017

Home Health					
County	Total Population	MO HealthNet Population	% Medicaid	Eligible	Total number of providers
ADAMS - IL	N/A	N/A	N/A	N/A	1
JOHNSON - KS	N/A	N/A	N/A	N/A	2
WYANDOTTE - KS	N/A	N/A	N/A	N/A	2
ADAIR - MO	25,602	1,636	6%	1,094	2
ANDREW - MO	17,379	1,299	7%	390	0
ATCHISON - MO	5,382	336	6%	210	1
AUDRAIN - MO	25,887	1,860	7%	990	1
BARRY - MO	35,662	3,686	10%	1,589	0
BARTON - MO	12,057	839	7%	554	1
BATES - MO	16,584	1,059	6%	690	0
BENTON - MO	18,806	1,715	9%	1,063	1
BOLLINGER - MO	12,394	1,015	8%	753	0
BOONE - MO	172,717	7,012	4%	4,263	4
BUCHANAN - MO	89,486	5,467	6%	3,825	3
BUTLER - MO	42,972	4,893	11%	3,438	2
CALDWELL - MO	9,034	513	6%	286	0
CALLAWAY - MO	44,750	2,288	5%	1,334	0
CAMDEN - MO	44,021	2,110	5%	1,243	1
CAPE GIRARDEAU - MO	78,043	4,307	6%	2,796	4
CARROLL - MO	9,043	592	7%	372	1
CARTER - MO	6,258	830	13%	511	1
CASS - MO	100,889	3,613	4%	2,099	0
CEDAR - MO	13,952	1,380	10%	804	2
CHARITON - MO	7,694	645	8%	375	0
CHRISTIAN - MO	82,101	3,522	4%	1,833	1
CLARK - MO	6,917	382	6%	236	1
CLAY - MO	233,682	7,795	3%	4,332	4
CLINTON - MO	20,299	558	3%	472	0
COLE - MO	76,557	3,578	5%	2,075	4
COOPER - MO	17,585	1,064	6%	648	0
CRAWFORD - MO	24,650	1,910	8%	1,349	0
DADE - MO	7,628	552	7%	323	0
DALLAS - MO	16,389	1,339	8%	902	0
DAVIESS - MO	8,297	451	5%	289	0
DEKALB - MO	12,692	841	7%	393	1
DENT - MO	15,655	1,527	10%	1,050	1
DOUGLAS - MO	13,546	1,057	8%	759	0
DUNKLIN - MO	31,344	4,384	14%	3,221	3
FRANKLIN - MO	102,084	5,445	5%	2,930	1
GASCONADE - MO	14,866	950	6%	592	1
GENTRY - MO	6,826	436	6%	297	1
GREENE - MO	285,865	17,632	6%	10,850	9
GRUNDY - MO	10,197	747	7%	549	1
HARRISON - MO	8,639	654	8%	437	1
HENRY - MO	22,028	1,945	9%	1,246	1
HICKORY - MO	9,219	707	8%	467	0
HOLT - MO	4,516	237	5%	148	0

Home Health					
County	Total Population	MO HealthNet Population	% Medicaid	Eligible	Total number of providers
HOWARD - MO	10,159	721	7%	421	1
HOWELL - MO	40,173	4,233	11%	2,759	2
IRON - MO	10,267	1,297	13%	980	1
JACKSON - MO	683,191	39,120	6%	24,373	14
JASPER - MO	117,543	6,762	6%	4,946	1
JEFFERSON - MO	222,716	8,948	4%	5,855	2
JOHNSON - MO	54,362	1,813	3%	1,140	1
KNOX - MO	4,000	239	6%	186	1
LACLEDE - MO	35,439	2,947	8%	1,892	0
LAFAYETTE - MO	32,688	1,758	5%	1,171	0
LAWRENCE - MO	38,023	1,446	4%	1,532	0
LEWIS - MO	10,138	605	6%	388	1
LINCOLN - MO	54,249	2,774	5%	1,697	0
LINN - MO	12,311	777	6%	615	0
LIVINGSTON - MO	15,053	995	7%	802	0
MACON - MO	15,479	1,019	7%	603	0
MADISON - MO	12,368	1,246	10%	955	1
MARIES - MO	9,013	428	5%	310	0
MARION - MO	28,920	2,595	9%	1,797	1
MCDONALD - MO	22,800	1,668	7%	858	0
MERCER - MO	3,719	216	6%	143	0
MILLER - MO	25,141	1,851	7%	1,133	0
MISSISSIPPI - MO	14,232	1,717	12%	1,115	0
MONITEAU - MO	15,856	680	4%	397	0
MONROE - MO	8,707	331	4%	343	1
MONTGOMERY - MO	11,841	852	7%	546	1
MORGAN - MO	20,240	1,814	9%	1,128	0
NEW MADRID - MO	18,272	2,080	11%	1,490	0
NEWTON - MO	58,598	4,852	8%	2,024	2
NODAWAY - MO	23,081	884	4%	547	1
OREGON - MO	10,911	1,260	12%	867	0
OSAGE - MO	13,703	426	3%	304	0
OZARK - MO	9,492	796	8%	533	0
PEMISCOT - MO	17,650	2,551	14%	1,901	1
PERRY - MO	19,202	1,094	6%	707	1
PETTIS - MO	42,225	3,067	7%	2,176	0
PHELPS - MO	44,847	3,019	7%	1,938	3
PIKE - MO	18,541	1,114	6%	757	1
PLATTE - MO	94,788	2,175	2%	1,156	0
POLK - MO	31,054	2,299	7%	1,523	1
PULASKI - MO	53,436	2,275	4%	1,296	1
PUTNAM - MO	4,829	365	8%	222	0
RALLS - MO	10,255	650	6%	340	1
RANDOLPH - MO	25,072	1,948	8%	1,447	2
RAY - MO	22,949	1,044	5%	734	1
REYNOLDS - MO	6,565	621	9%	477	0
RIPLEY - MO	13,969	1,826	13%	1,296	2

Home Health					
County	Total Population	MO HealthNet Population	% Medicaid	Eligible	Total number of providers
SALINE - MO	23,347	1,603	7%	1,072	1
SCHUYLER - MO	4,370	296	7%	182	0
SCOTLAND - MO	4,863	224	5%	125	1
SCOTT - MO	38,903	4,380	11%	2,831	1
SHANNON - MO	8,329	882	11%	625	1
SHELBY - MO	6,108	419	7%	257	0
ST. CHARLES - MO	379,493	9,085	2%	4,898	3
ST. CLAIR - MO	9,457	717	8%	513	0
ST. FRANCOIS - MO	65,960	6,074	9%	4,293	1
ST. LOUIS - MO	1,001,876	52,150	5%	27,211	26
ST. LOUIS CITY - MO	317,419	39,585	12%	21,728	2
STE. GENEVIEVE - MO	17,914	884	5%	609	1
STODDARD - MO	29,867	3,054	10%	2,029	2
STONE - MO	31,104	1,633	5%	1,008	0
SULLIVAN - MO	6,411	474	7%	340	0
TANEY - MO	54,230	3,530	7%	1,960	1
TEXAS - MO	25,642	2,073	8%	1,207	1
VERNON - MO	21,001	1,672	8%	1,142	1
WARREN - MO	33,253	1,574	5%	924	0
WASHINGTON - MO	25,077	2,632	10%	1,886	0
WAYNE - MO	13,452	1,785	13%	1,142	0
WEBSTER - MO	36,888	2,495	7%	1,228	0
WORTH - MO	2,073	127	6%	77	0
WRIGHT - MO	18,291	2,195	12%	1,290	0
DOUGLAS - NE	N/A	N/A	N/A	N/A	1
TOTALS	**6,063,589**	**368,174**	**6%**	**222,474**	**147**

FFS Network Adequacy – Home Health Agencies-2018

Home Health Providers					
County	Total Population	Total MO HealthNet Population	% Medicaid	Eligible Population	Total number of providers
ADAMS - IL	N/A	N/A	N/A	N/A	1
JOHNSON - KS	N/A	N/A	N/A	N/A	2
WYANDOTTE - KS	N/A	N/A	N/A	N/A	2
ADAIR - MO	25602	1187	5%	1,077	2
ANDREW - MO	17379	422	2%	842	0
ATCHISON - MO	5382	226	4%	211	1
AUDRAIN - MO	25887	1083	4%	1,184	1
BARRY - MO	35662	1754	5%	2,323	0
BARTON - MO	12057	602	5%	527	1
BATES - MO	16584	762	5%	696	0
BENTON - MO	18806	1189	6%	1,195	1
BOLLINGER - MO	12394	789	6%	657	0
BOONE - MO	172717	4580	3%	4,338	4
BUCHANAN - MO	89486	4135	5%	3,458	3
BUTLER - MO	42972	3660	9%	3,365	2
CALDWELL - MO	9034	318	4%	336	0
CALLAWAY - MO	44750	1473	3%	1,379	0
CAMDEN - MO	44021	1389	3%	1,301	1
CAPE GIRARDEAU -	78043	2977	4%	2,774	4
CARROLL - MO	9043	405	4%	419	1
CARTER - MO	6258	544	9%	584	1
CASS - MO	100889	2281	2%	2,143	0
CEDAR - MO	13952	878	6%	855	1
CHARITON - MO	7694	397	5%	425	0
CHRISTIAN - MO	82101	2032	2%	2,014	1
CLARK - MO	6917	257	4%	262	1
CLAY - MO	233682	4700	2%	4,720	4
CLINTON - MO	20299	500	2%	336	0
COLE - MO	76557	2238	3%	2,241	4
COOPER - MO	17585	705	4%	687	0
CRAWFORD - MO	24650	1448	6%	1,244	0
DADE - MO	7628	355	5%	376	0
DALLAS - MO	16389	1002	6%	916	0
DAVIESS - MO	8297	312	4%	295	0
DEKALB - MO	12692	426	3%	540	1
DENT - MO	15655	1117	7%	1,005	1
DOUGLAS - MO	13546	847	6%	679	0
DUNKLIN - MO	31344	3403	11%	3,045	2
FRANKLIN - MO	102084	3223	3%	3,450	0
GASCONADE - MO	14866	633	4%	627	1
GENTRY - MO	6826	322	5%	273	1

Home Health Providers					
County	Total Population	Total MO HealthNet Population	% Medicaid	Eligible Population	Total number of providers
GREENE - MO	285865	11998	4%	10,990	8
GRUNDY - MO	10197	589	6%	523	1
HARRISON - MO	8639	477	6%	435	1
HENRY - MO	22028	1334	6%	1,397	1
HICKORY - MO	9219	519	6%	465	0
HOLT - MO	4516	161	4%	155	0
HOWARD - MO	10159	447	4%	466	1
HOWELL - MO	40173	3027	8%	2,837	2
IRON - MO	10267	1016	10%	909	1
JACKSON - MO	683191	26325	4%	24,907	14
JASPER - MO	117543	5386	5%	4,316	1
JEFFERSON - MO	222716	6331	3%	5,556	3
JOHNSON - MO	54362	1233	2%	1,141	1
KNOX - MO	4000	200	5%	168	1
LACLEDE - MO	35439	2068	6%	1,914	0
LAFAYETTE - MO	32688	1250	4%	1,108	0
LAWRENCE - MO	38023	1694	4%	909	0
LEWIS - MO	10138	412	4%	388	1
LINCOLN - MO	54249	1845	3%	1,697	0
LINN - MO	12311	675	5%	543	0
LIVINGSTON - MO	15053	847	6%	685	0
MACON - MO	15479	645	4%	630	0
MADISON - MO	12368	1003	8%	838	1
MARIES - MO	9013	348	4%	278	0
MARION - MO	28920	1880	7%	1,639	1
MCDONALD - MO	22800	958	4%	1,013	0
MERCER - MO	3719	154	4%	164	0
MILLER - MO	25141	1247	5%	1,113	0
MISSISSIPPI - MO	14232	1193	8%	1,109	0
MONITEAU - MO	15856	435	3%	445	0
MONROE - MO	8707	385	4%	202	1
MONTGOMERY - MO	11841	585	5%	527	1
MORGAN - MO	20240	1238	6%	1,208	0
NEW MADRID - MO	18272	1578	9%	1,388	0
NEWTON - MO	58598	2214	4%	2,986	2
NODAWAY - MO	23081	635	3%	578	1
OREGON - MO	10911	937	9%	868	0
OSAGE - MO	13703	323	2%	281	0
OZARK - MO	9492	595	6%	513	0
PEMISCOT - MO	17650	1989	11%	1,795	1
PERRY - MO	19202	741	4%	717	1
PETTIS - MO	42225	2395	6%	2,005	0
PHELPS - MO	44847	2104	5%	2,034	3
PIKE - MO	18541	805	4%	721	1
PLATTE - MO	94788	1251	1%	1,309	0
POLK - MO	31054	1667	5%	1,464	1
PULASKI - MO	53436	1421	3%	1,458	1

Home Health Providers					
County	Total Population	Total MO HealthNet Population	% Medicaid	Eligible Population	Total number of providers
PUTNAM - MO	4829	240	5%	258	0
RALLS - MO	10255	365	4%	441	1
RANDOLPH - MO	25072	1559	6%	1,277	1
RAY - MO	22949	791	3%	659	1
REYNOLDS - MO	6565	509	8%	450	0
RIPLEY - MO	13969	1387	10%	1,249	2
SALINE - MO	23347	1137	5%	1,069	1
SCHUYLER - MO	4370	195	4%	192	0
SCOTLAND - MO	4863	141	3%	141	1
SCOTT - MO	38903	3017	8%	2,980	1
SHANNON - MO	8329	664	8%	577	1
SHELBY - MO	6108	284	5%	296	0
ST. CHARLES - MO	379493	5400	1%	5,575	3
ST. CLAIR - MO	9457	557	6%	501	0
ST. FRANCOIS - MO	65960	4550	7%	4,107	1
ST. LOUIS - MO	1001876	29158	3%	33,573	27
ST. LOUIS CITY - MO	317419	23071	7%	26,719	2
STE. GENEVIEVE -	17914	644	4%	606	1
STODDARD - MO	29867	2163	7%	2,052	2
STONE - MO	31104	1144	4%	1,010	0
SULLIVAN - MO	6411	369	6%	325	0
TANEY - MO	54230	2204	4%	2,098	1
TEXAS - MO	25642	1357	5%	1,313	1
VERNON - MO	21001	1219	6%	1,134	0
WARREN - MO	33253	1031	3%	982	0
WASHINGTON - MO	25077	2019	8%	1,776	0
WAYNE - MO	13452	1215	9%	1,292	0
WEBSTER - MO	36888	1380	4%	1,421	0
WORTH - MO	2073	90	4%	84	0
WRIGHT - MO	18291	1422	8%	1,389	0
TOTALS	**6063589**	**240414**	**4%**	**237,666**	**142**

FFS Network Adequacy – Private Duty Nursing-2018

Private Duty Nursing - Under 21					
County	Total Population	Total MO HealthNet Population	% in Medicaid	Eligible Population	Total number of providers
ADAIR - MO	25,602	1187	5%	55	0
ANDREW - MO	17,379	422	2%	54	0
ATCHISON - MO	5,382	226	4%	9	0
AUDRAIN - MO	25,887	1083	4%	78	0
BARRY - MO	35,662	1754	5%	174	0
BARTON - MO	12,057	602	5%	30	0
BATES - MO	16,584	762	5%	42	0
BENTON - MO	18,806	1189	6%	53	0
BOLLINGER - MO	12,394	789	6%	29	0
BOONE - MO	172,717	4580	3%	411	0
BUCHANAN - MO	89,486	4135	5%	262	3
BUTLER - MO	42,972	3660	9%	181	0
CALDWELL - MO	9,034	318	4%	27	0
CALLAWAY - MO	44,750	1473	3%	119	0
CAMDEN - MO	44,021	1389	3%	77	0
CAPE GIRARDEAU - MO	78,043	2977	4%	185	1
CARROLL - MO	9,043	405	4%	27	0
CARTER - MO	6,258	544	9%	34	0
CASS - MO	100,889	2281	2%	187	0
CEDAR - MO	13,952	878	6%	46	0
CHARITON - MO	7,694	397	5%	32	0
CHRISTIAN - MO	82,101	2032	2%	212	0
CLARK - MO	6,917	257	4%	18	0
CLAY - MO	233,682	4700	2%	385	3
CLINTON - MO	20,299	500	2%	28	0
COLE - MO	76,557	2238	3%	217	0
COOPER - MO	17,585	705	4%	35	0
CRAWFORD - MO	24,650	1448	6%	64	0
DADE - MO	7,628	355	5%	12	0
DALLAS - MO	16,389	1002	6%	31	0
DAVIESS - MO	8,297	312	4%	17	0
DEKALB - MO	12,692	426	3%	52	0
DENT - MO	15,655	1117	7%	51	0
DOUGLAS - MO	13,546	847	6%	39	0
DUNKLIN - MO	31,344	3403	11%	170	1
FRANKLIN - MO	102,084	3223	3%	209	1
GASCONADE - MO	14,866	633	4%	41	0
GENTRY - MO	6,826	322	5%	14	0
GREENE - MO	285,865	11998	4%	858	5

Private Duty Nursing - Under 21					
County	Total Population	Total MO HealthNet Population	% in Medicaid	Eligible Population	Total number of providers
GRUNDY - MO	10,197	589	6%	36	0
HARRISON - MO	8,639	477	6%	26	1
HENRY - MO	22,028	1334	6%	66	0
HICKORY - MO	9,219	519	6%	19	0
HOLT - MO	4,516	161	4%	8	1
HOWARD - MO	10,159	447	4%	26	0
HOWELL - MO	40,173	3027	8%	166	0
IRON - MO	10,267	1016	10%	32	0
JACKSON - MO	683,191	26,325	4%	1,564	9
JASPER - MO	117,543	5386	5%	326	0
JEFFERSON - MO	222,716	6331	3%	311	0
JOHNSON - MO	54,362	1233	2%	87	0
KNOX - MO	4,000	200	5%	8	0
LACLEDE - MO	35,439	2068	6%	124	0
LAFAYETTE - MO	32,688	1250	4%	66	0
LAWRENCE - MO	38,023	1694	4%	60	0
LEWIS - MO	10,138	412	4%	29	0
LINCOLN - MO	54,249	1845	3%	93	0
LINN - MO	12,311	675	5%	29	0
LIVINGSTON - MO	15,053	847	6%	39	0
MACON - MO	15,479	645	4%	42	0
MADISON - MO	12,368	1003	8%	41	1
MARIES - MO	9,013	348	4%	12	0
MARION - MO	28,920	1880	7%	123	0
MCDONALD - MO	22,800	958	4%	105	0
MERCER - MO	3,719	154	4%	5	0
MILLER - MO	25,141	1247	5%	71	0
MISSISSIPPI - MO	14,232	1193	8%	71	0
MONITEAU - MO	15,856	435	3%	30	0
MONROE - MO	8,707	385	4%	12	0
MONTGOMERY - MO	11,841	585	5%	23	0
MORGAN - MO	20,240	1238	6%	49	0
NEW MADRID - MO	18,272	1578	9%	82	2
NEWTON - MO	58,598	2214	4%	246	0
NODAWAY - MO	23,081	635	3%	29	0
OREGON - MO	10,911	937	9%	41	0
OSAGE - MO	13,703	323	2%	21	0
OZARK - MO	9,492	595	6%	24	0
PEMISCOT - MO	17,650	1989	11%	115	0

Private Duty Nursing - Under 21					
County	Total Population	Total MO HealthNet Population	% in Medicaid	Eligible Population	Total number of providers
PERRY - MO	19,202	741	4%	61	0
PETTIS - MO	42,225	2395	6%	190	0
PHELPS - MO	44,847	2104	5%	122	1
PIKE - MO	18,541	805	4%	39	0
PLATTE - MO	94,788	1251	1%	129	0
POLK - MO	31,054	1667	5%	121	0
PULASKI - MO	53,436	1421	3%	106	0
PUTNAM - MO	4,829	240	5%	11	0
RALLS - MO	10,255	365	4%	34	0
RANDOLPH - MO	25,072	1559	6%	97	0
RAY - MO	22,949	791	3%	51	0
REYNOLDS - MO	6,565	509	8%	24	0
RIPLEY - MO	13,969	1387	10%	48	0
SALINE - MO	23,347	1137	5%	79	0
SCHUYLER - MO	4,370	195	4%	9	0
SCOTLAND - MO	4,863	141	3%	11	0
SCOTT - MO	38,903	3017	8%	191	1
SHANNON - MO	8,329	664	8%	31	0
SHELBY - MO	6,108	284	5%	18	0
ST. CHARLES - MO	379,493	5400	1%	387	1
ST. CLAIR - MO	9,457	557	6%	16	0
ST. FRANCOIS - MO	65,960	4550	7%	184	2
ST. LOUIS - MO	1,001,876	29,158	3%	1,762	27
ST. LOUIS CITY - MO	317,419	23,071	7%	1,034	8
STE. GENEVIEVE - MO	17,914	644	4%	38	0
STODDARD - MO	29,867	2163	7%	87	0
STONE - MO	31,104	1144	4%	70	0
SULLIVAN - MO	6,411	369	6%	28	0
TANEY - MO	54,230	2204	4%	158	0
TEXAS - MO	25,642	1357	5%	66	0
VERNON - MO	21,001	1219	6%	81	0
WARREN - MO	33,253	1031	3%	59	1
WASHINGTON - MO	25,077	2019	8%	70	0
WAYNE - MO	13,452	1215	9%	66	0
WEBSTER - MO	36,888	1380	4%	123	0
WORTH - MO	2,073	90	4%	2	0
WRIGHT - MO	18,291	1422	8%	62	0
TOTALS	**6,063,589**	**240,414**	4%	**14,487**	**69**

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

The MHD performed a utilization review of FFS participants accessing provider services by county type (urban, basic and rural) in Missouri during CY2015 and CY2016.

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, 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 older.

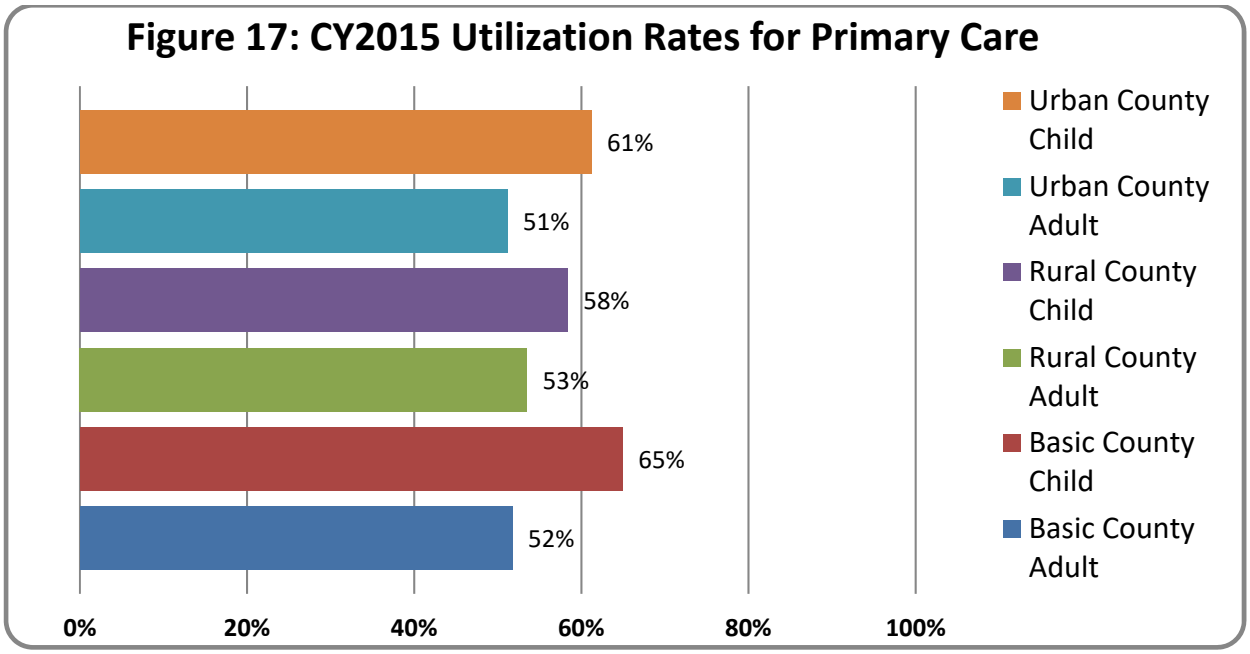


Figure 17: CY2015 Utilization Rates for Primary Care
61%
51%
58%
53%
65%
52%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

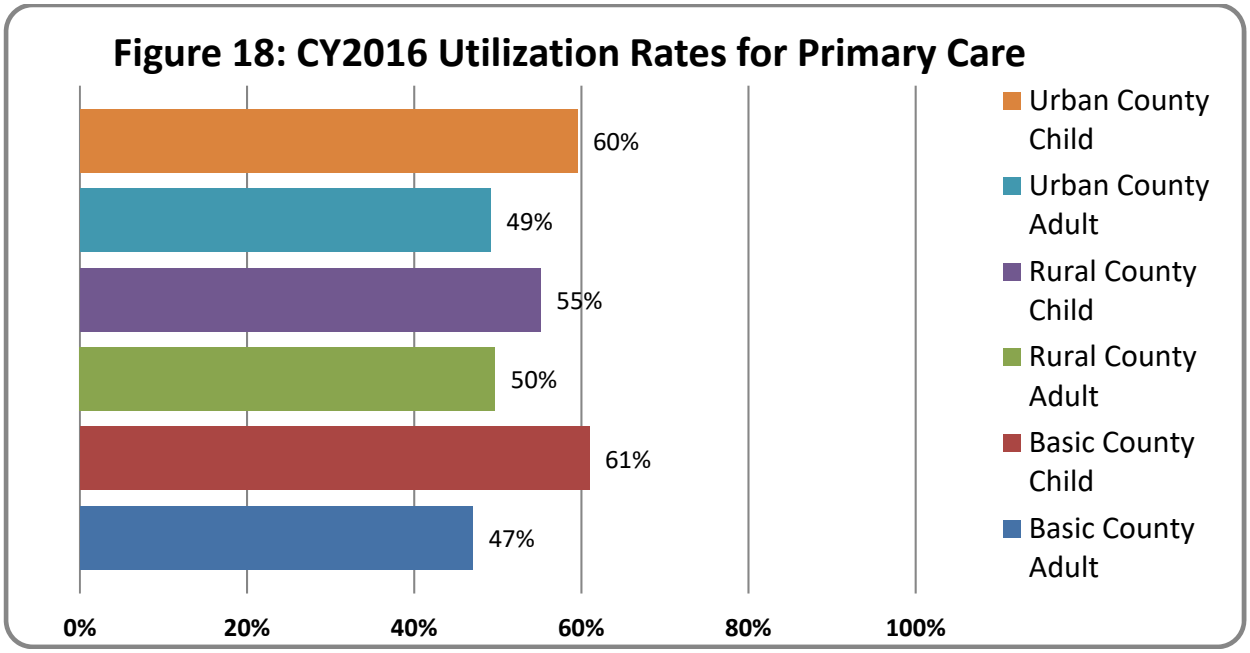


Figure 18: CY2016 Utilization Rates for Primary Care
60%
49%
55%
50%
61%
47%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

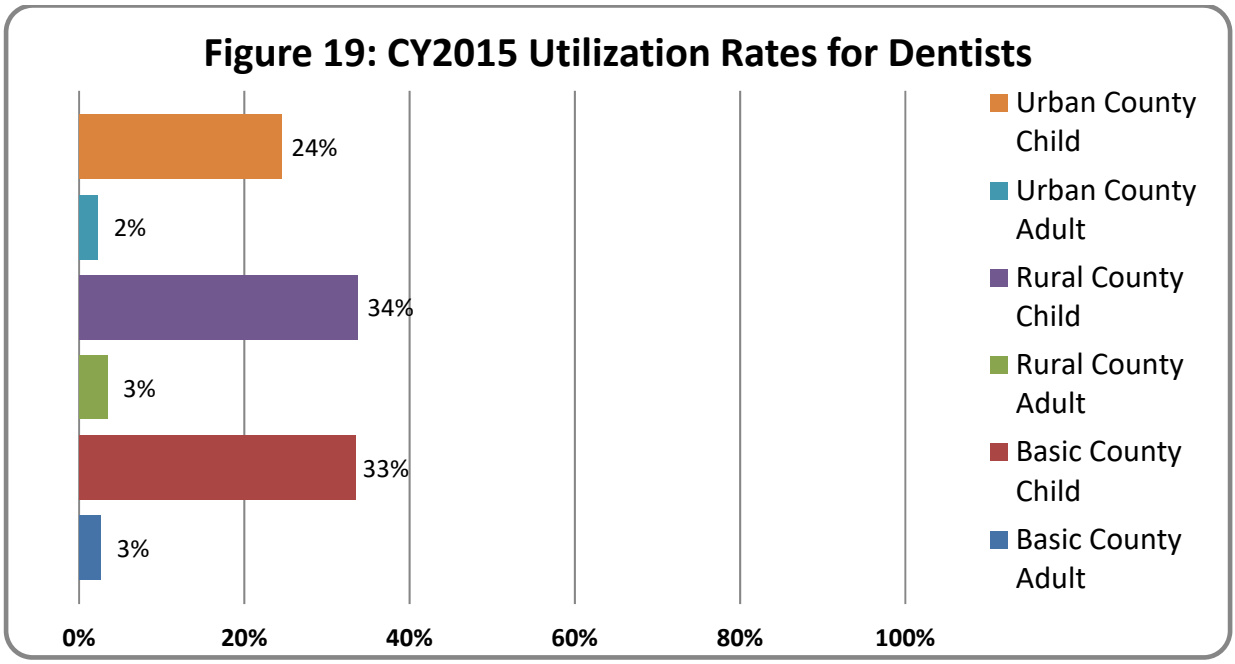


Figure 19: CY2015 Utilization Rates for Dentists
24%
2%
34%
3%
33%
3%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

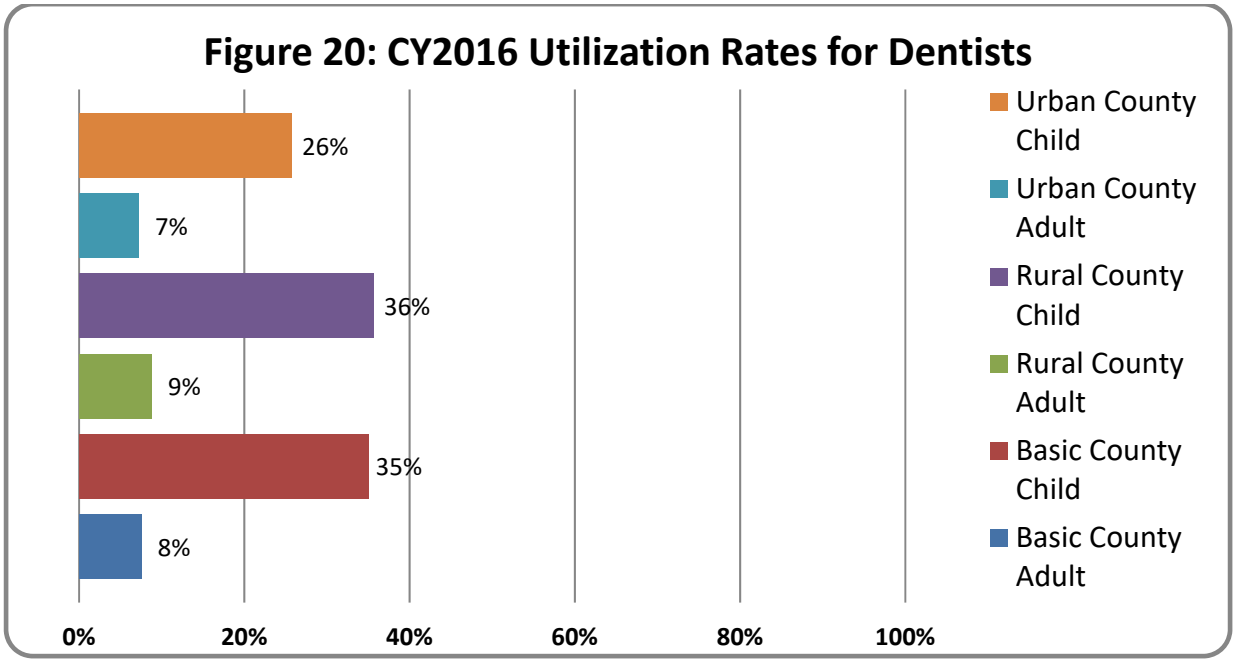
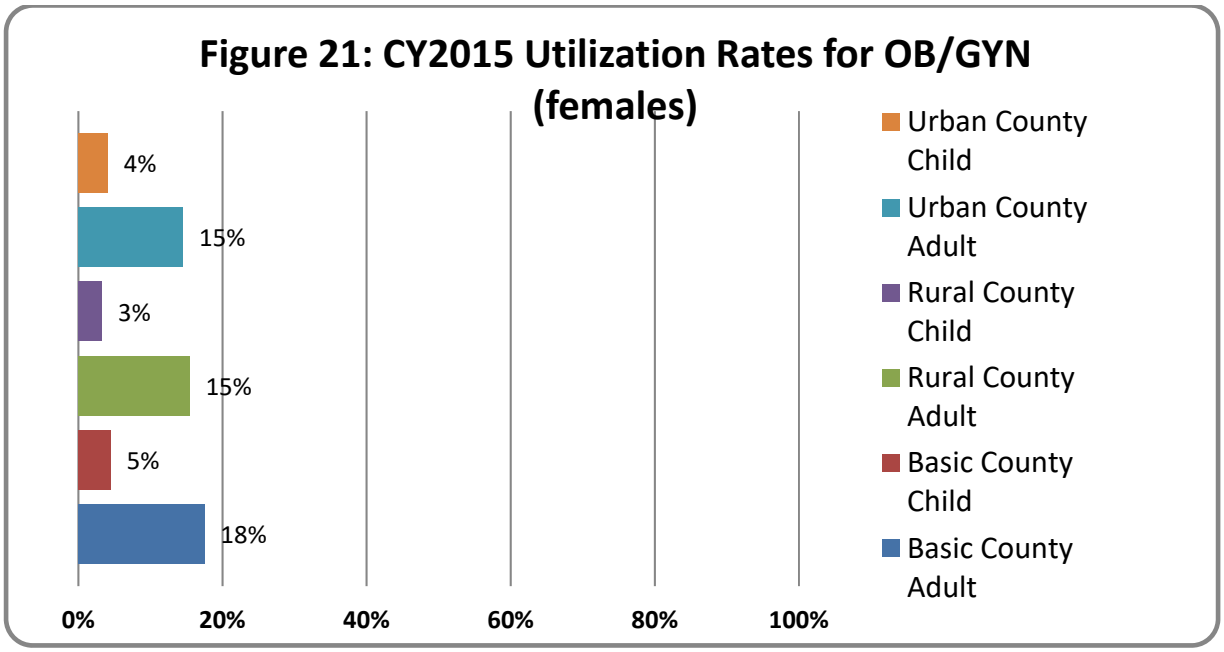
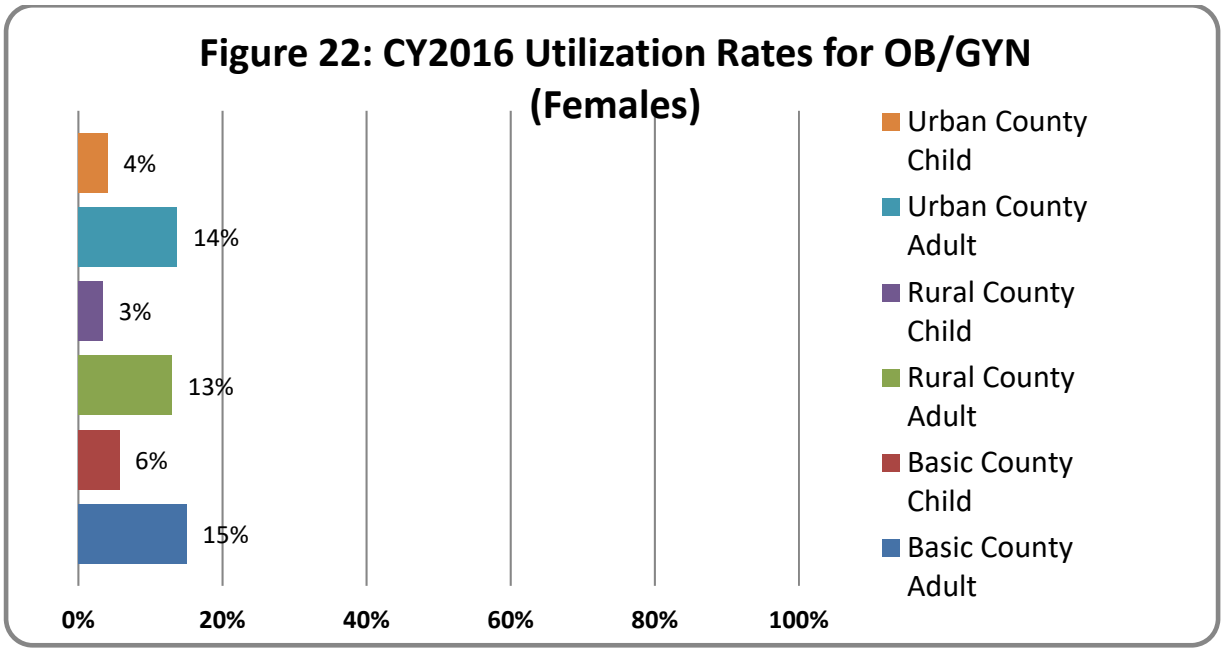


Figure 20: CY2016 Utilization Rates for Dentists
26%
7%
36%
9%
35%
8%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult





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

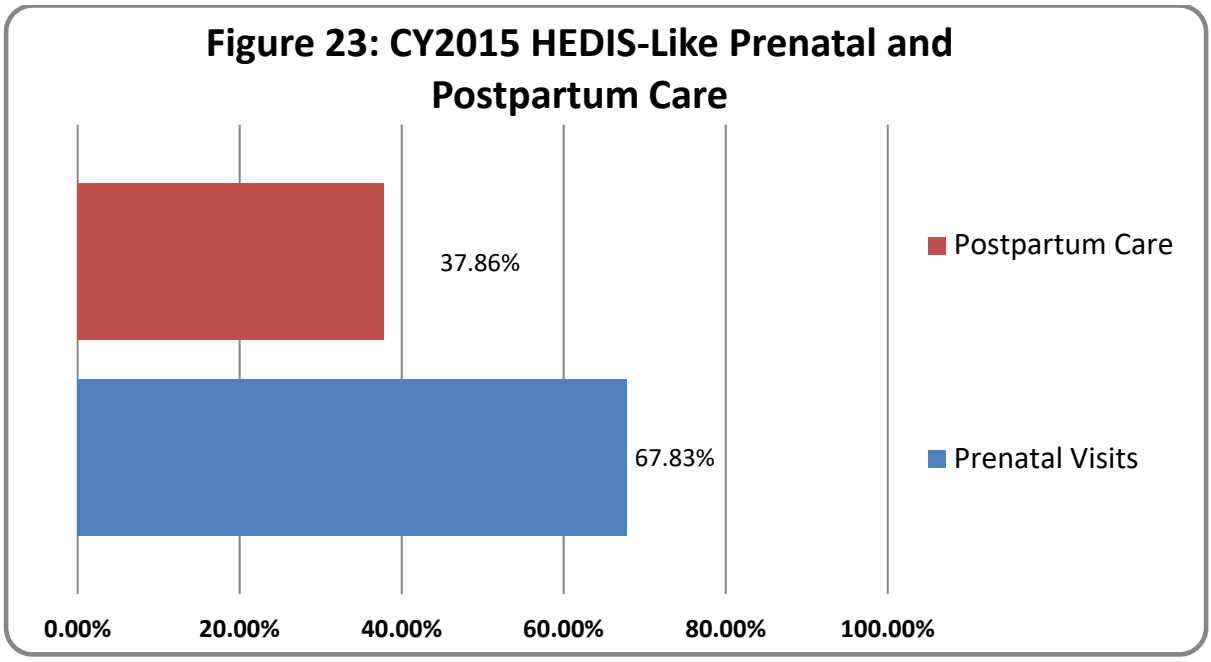


Figure 23: CY2015 HEDIS-Like Prenatal and Postpartum Care
37.86%
67.83%
Postpartum Care
Prenatal Visits
0.00%
20.00%
40.00%
60.00%
80.00%
100.00%

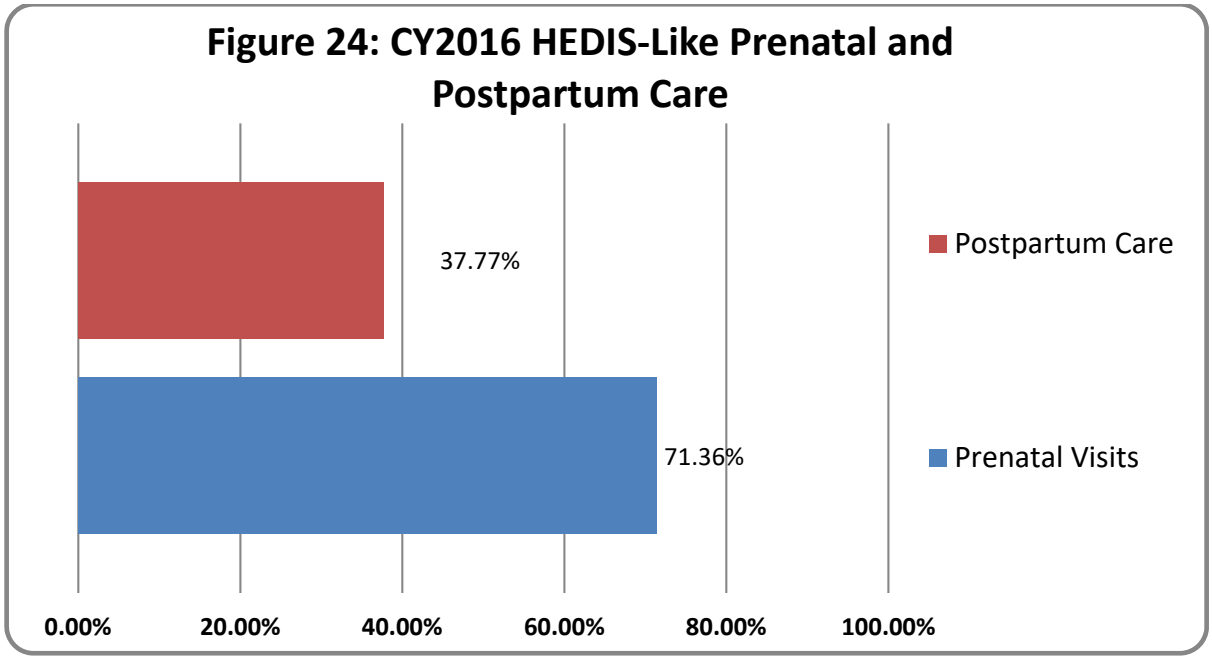


Figure 24: CY2016 HEDIS-Like Prenatal and Postpartum Care
37.77%
71.36%
Postpartum Care
Prenatal Visits
0.00%
20.00%
40.00%
60.00%
80.00%
100.00%

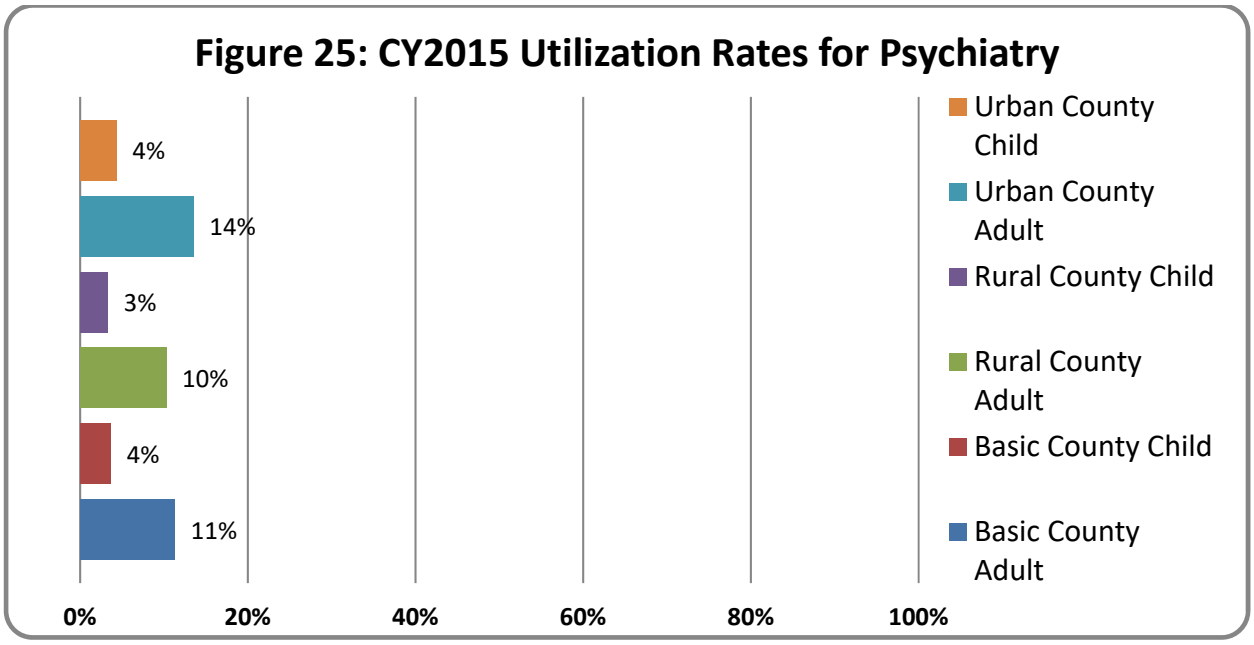


Figure 25: CY2015 Utilization Rates for Psychiatry
4%
14%
3%
10%
4%
11%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

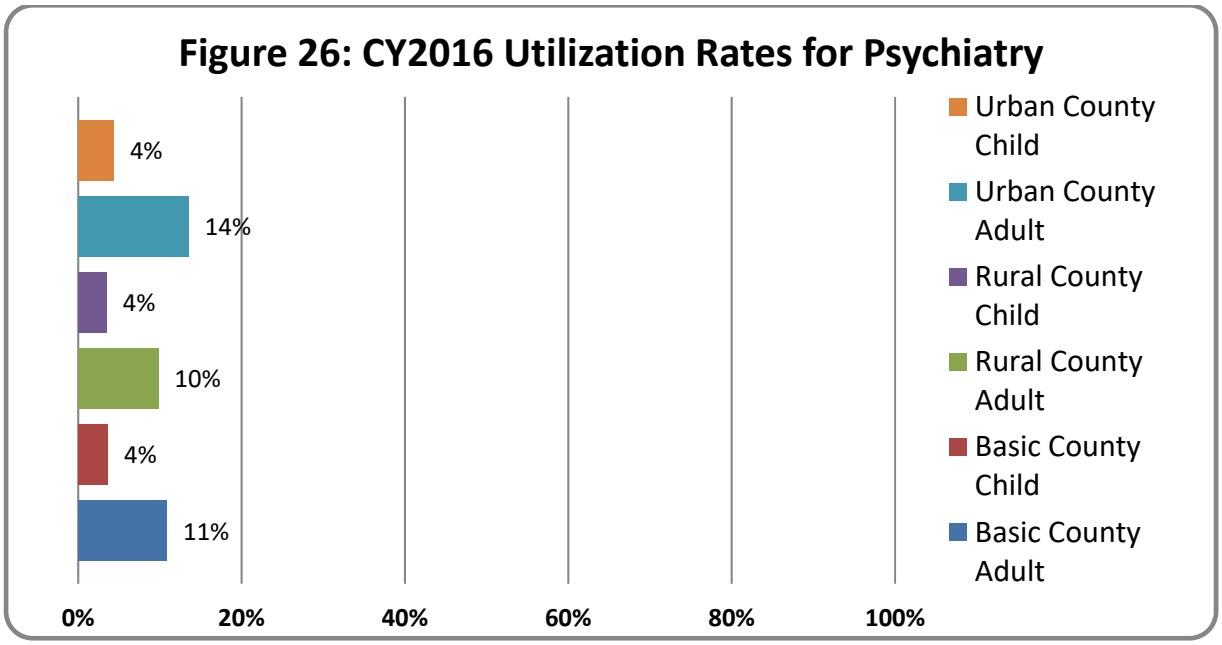


Figure 26: CY2016 Utilization Rates for Psychiatry
4%
14%
4%
10%
4%
11%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

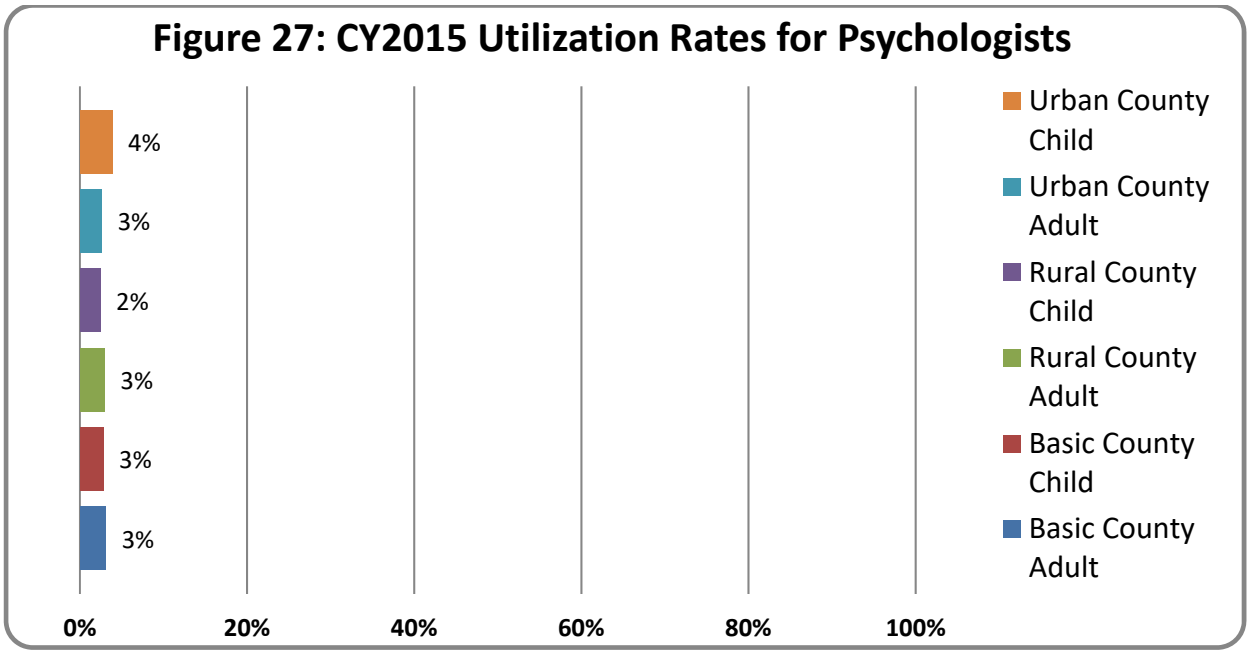


Figure 27: CY2015 Utilization Rates for Psychologists
4%
3%
2%
3%
3%
3%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

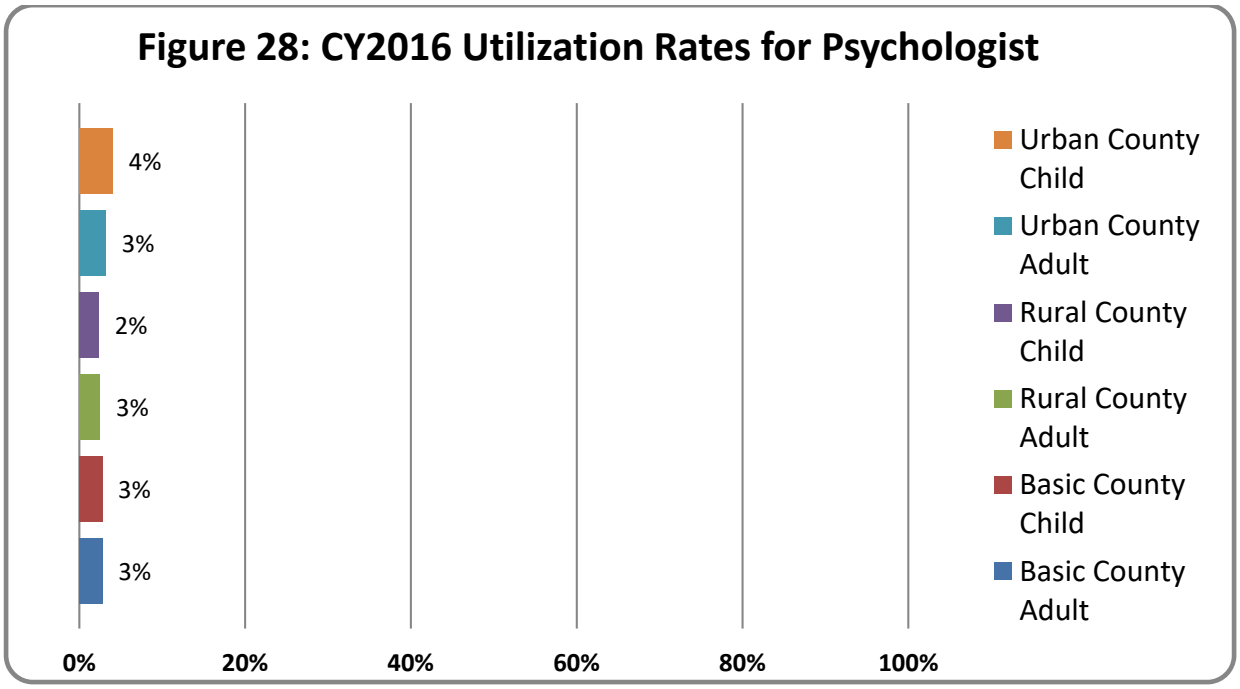


Figure 28: CY2016 Utilization Rates for Psychologist
4%
3%
2%
3%
3%
3%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

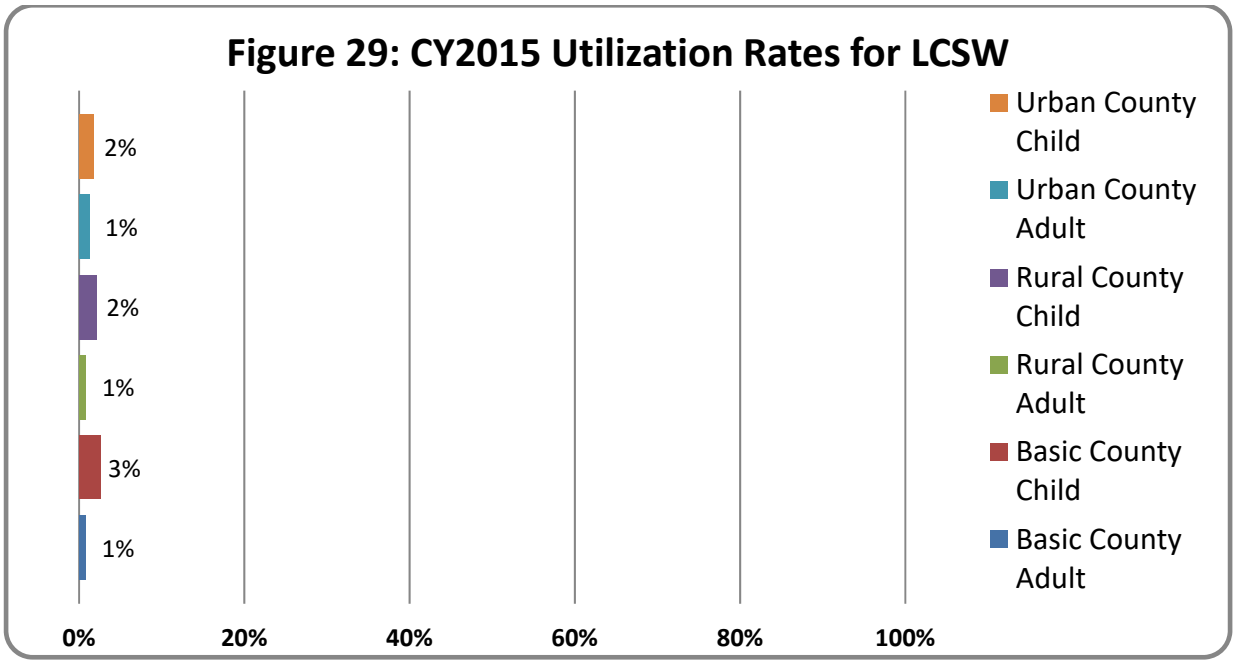


Figure 29: CY2015 Utilization Rates for LCSW
2%
1%
2%
1%
3%
1%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

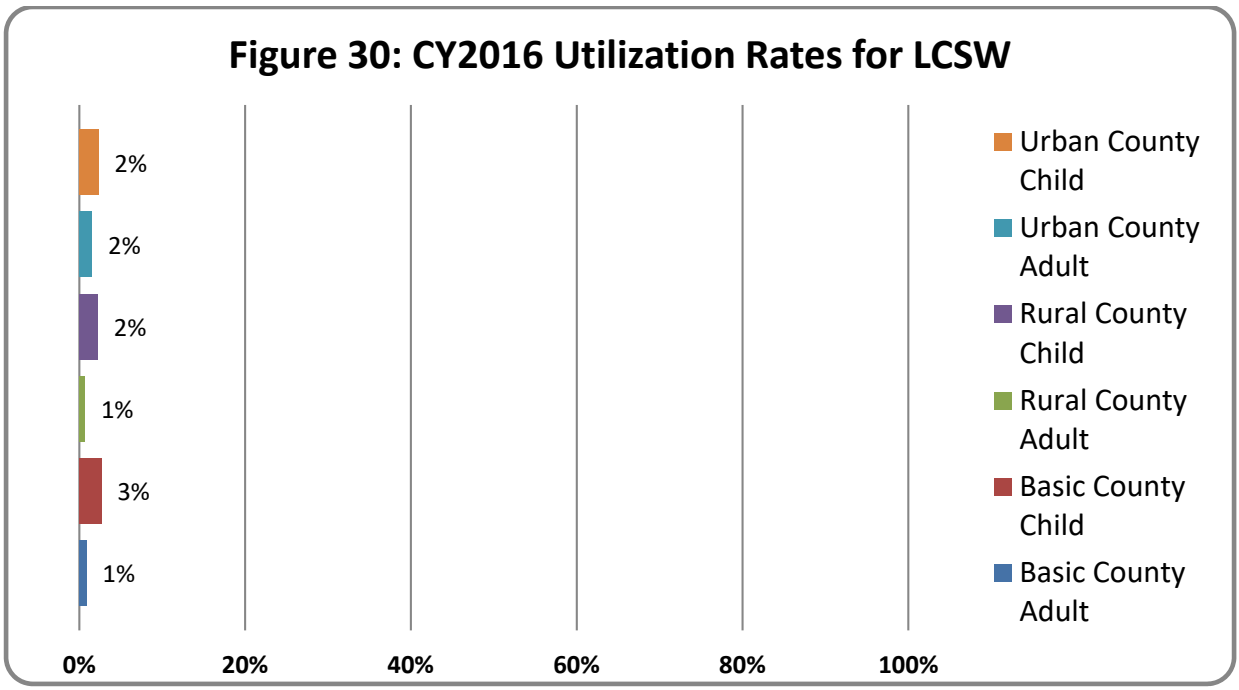


Figure 30: CY2016 Utilization Rates for LCSW
2%
2%
2%
1%
3%
1%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

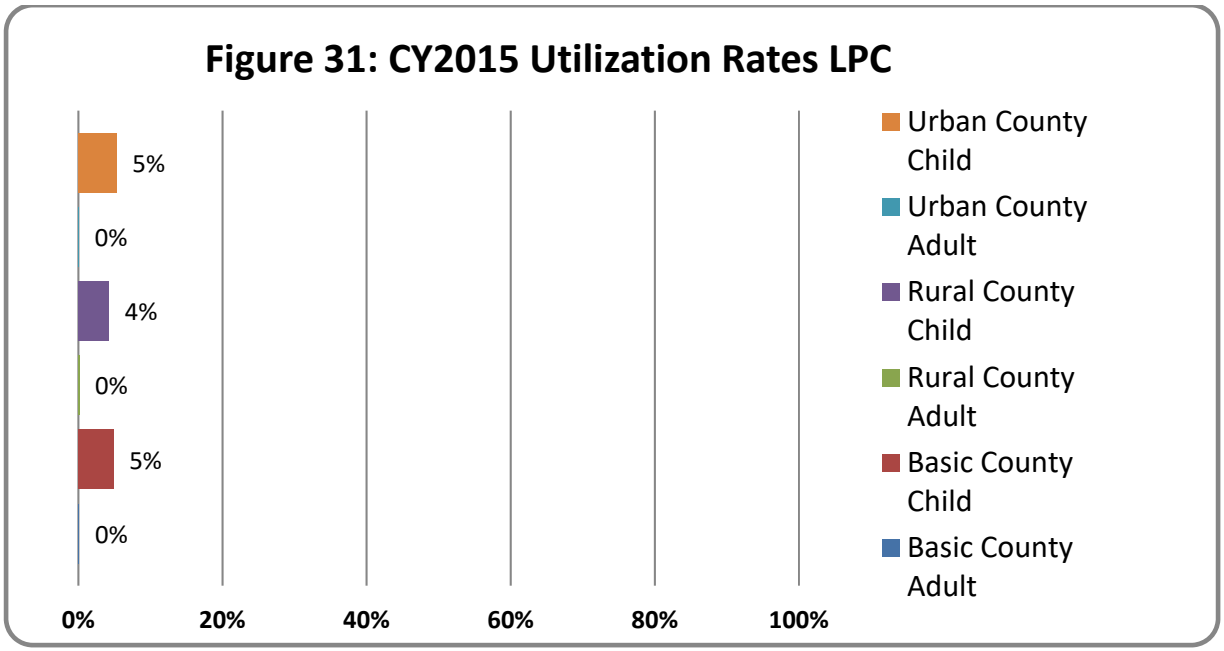


Figure 31: CY2015 Utilization Rates LPC
5%
0%
4%
0%
5%
0%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

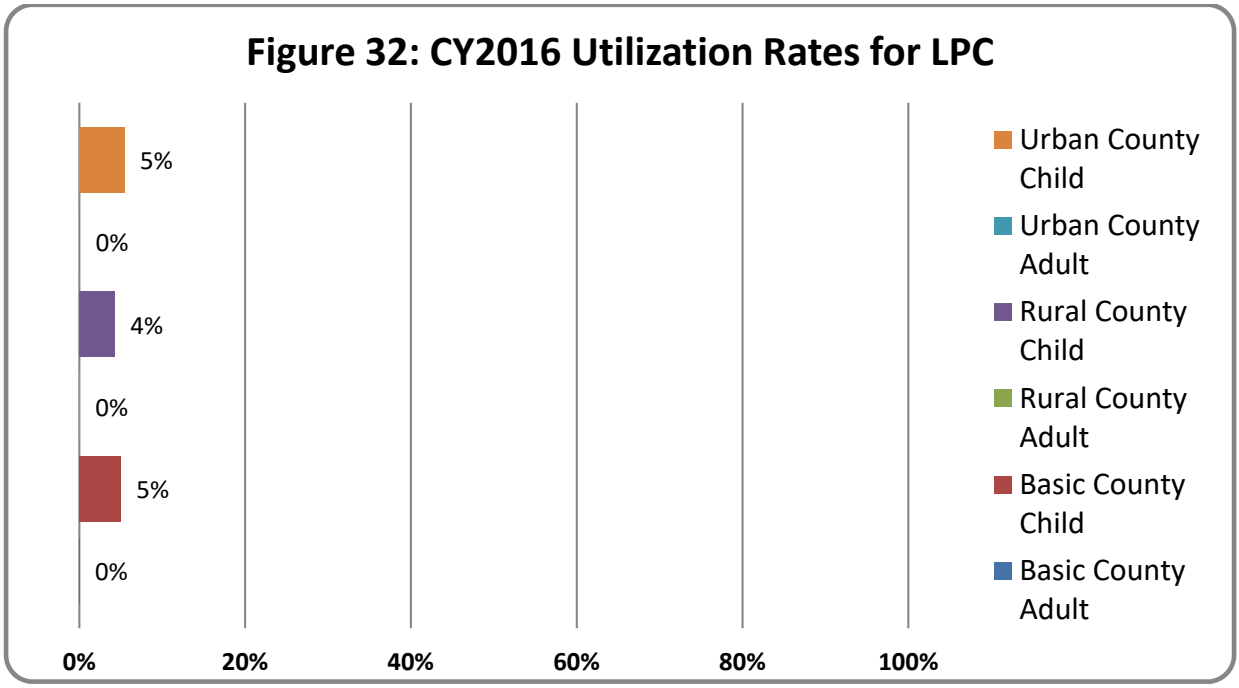


Figure 32: CY2016 Utilization Rates for LPC
5%
0%
4%
0%
5%
0%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

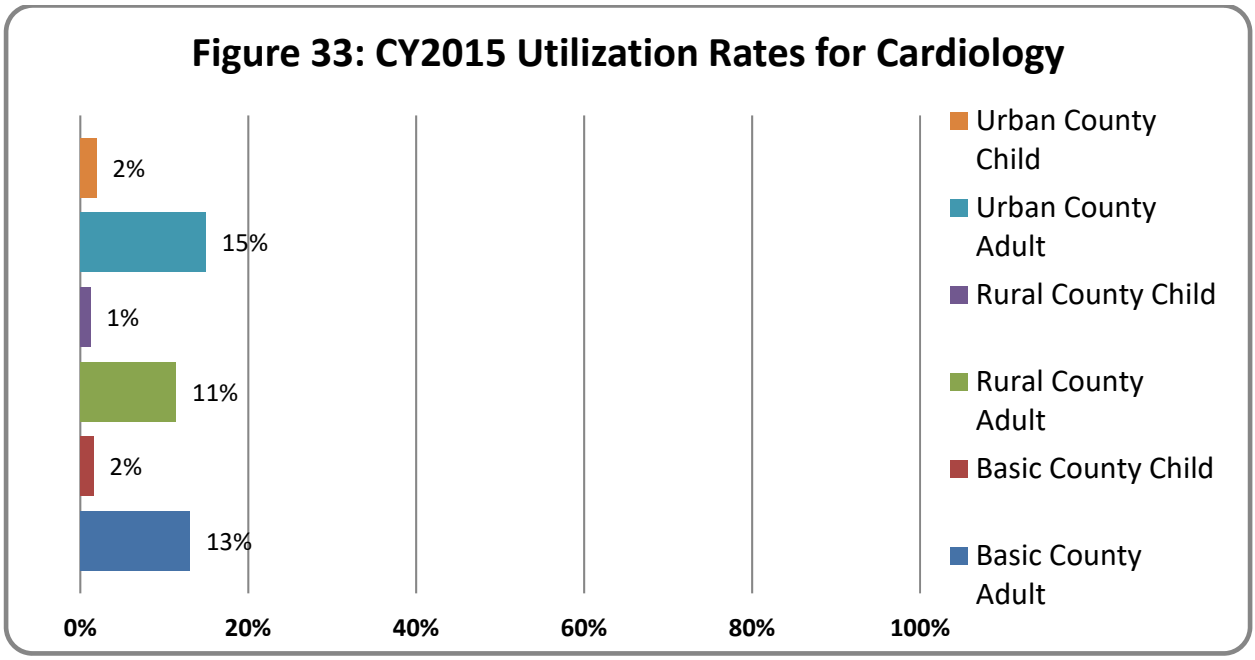


Figure 33: CY2015 Utilization Rates for Cardiology
2%
15%
1%
11%
2%
13%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

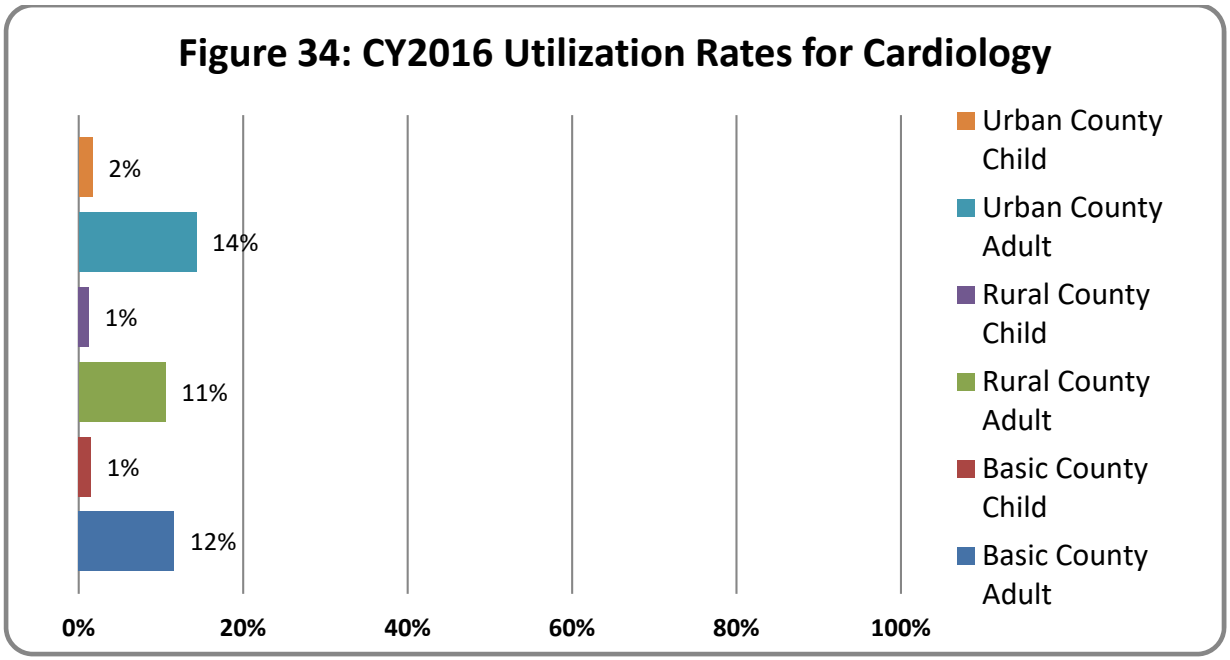


Figure 34: CY2016 Utilization Rates for Cardiology
2%
14%
1%
11%
1%
12%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

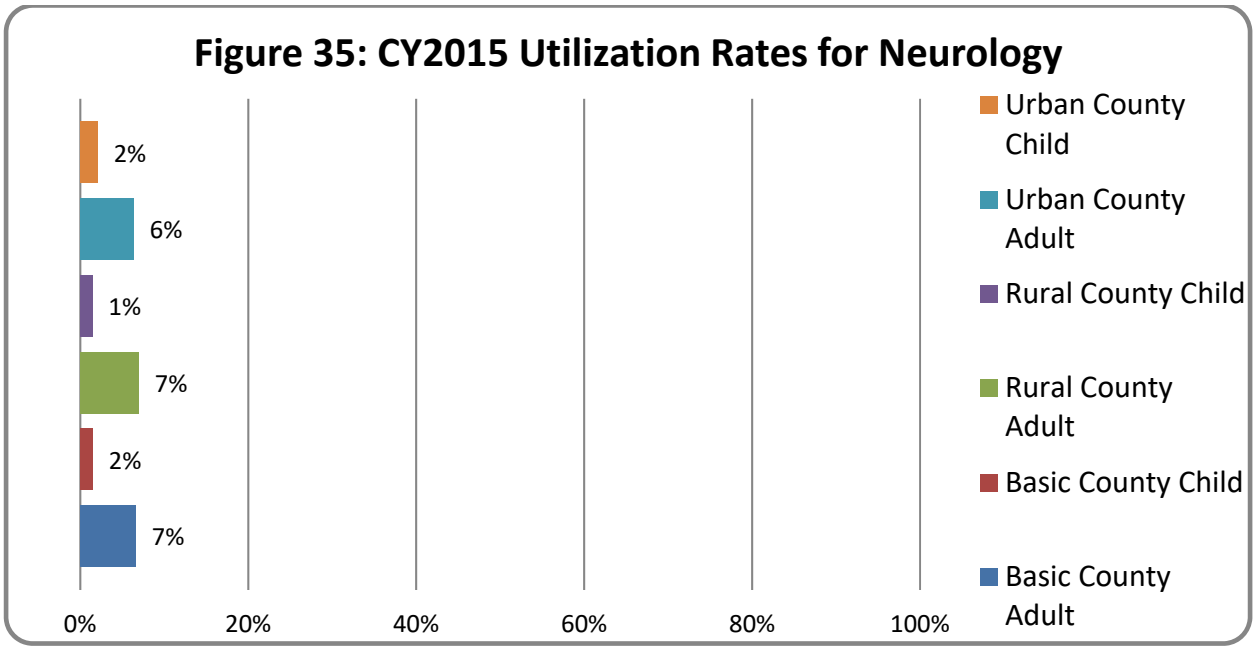


Figure 35: CY2015 Utilization Rates for Neurology
2%
6%
1%
7%
2%
7%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

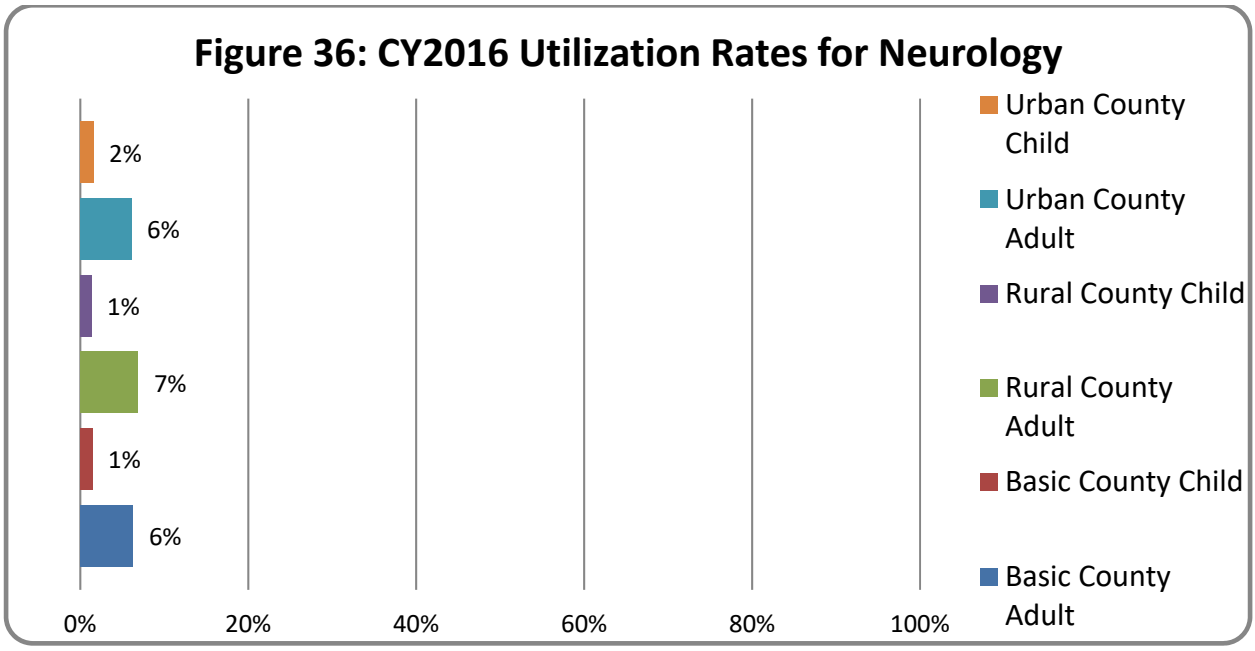


Figure 36: CY2016 Utilization Rates for Neurology
2%
6%
1%
7%
1%
6%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

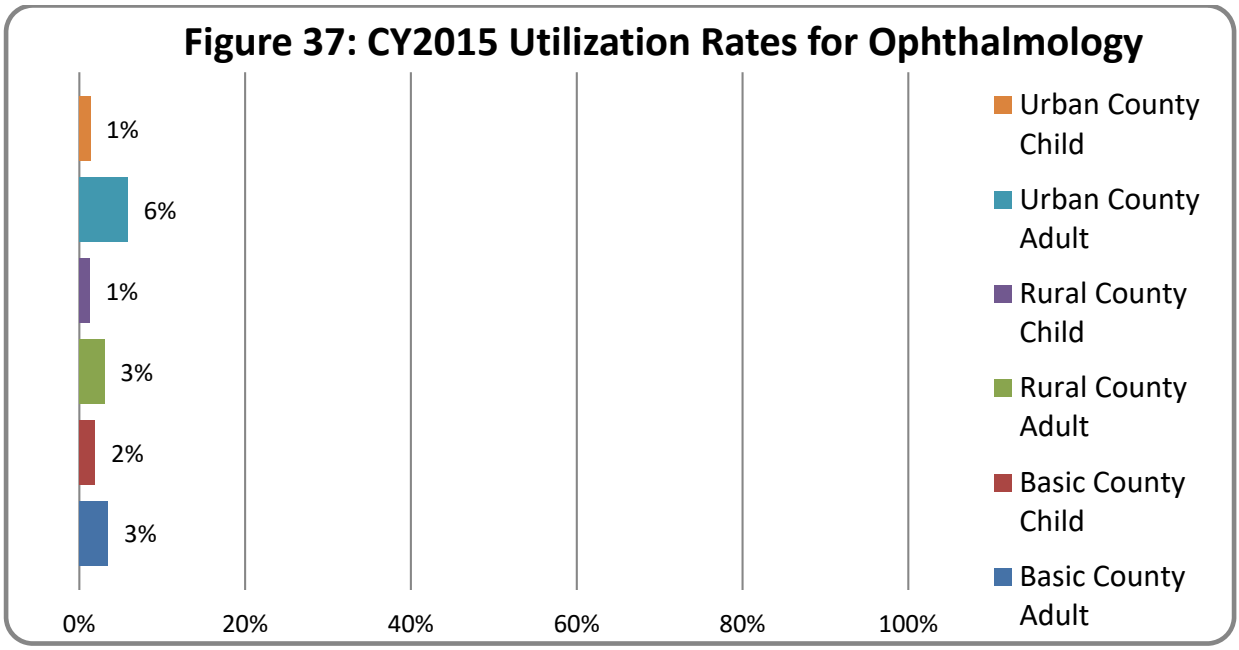


Figure 37: CY2015 Utilization Rates for Ophthalmology
1%
6%
1%
3%
2%
3%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

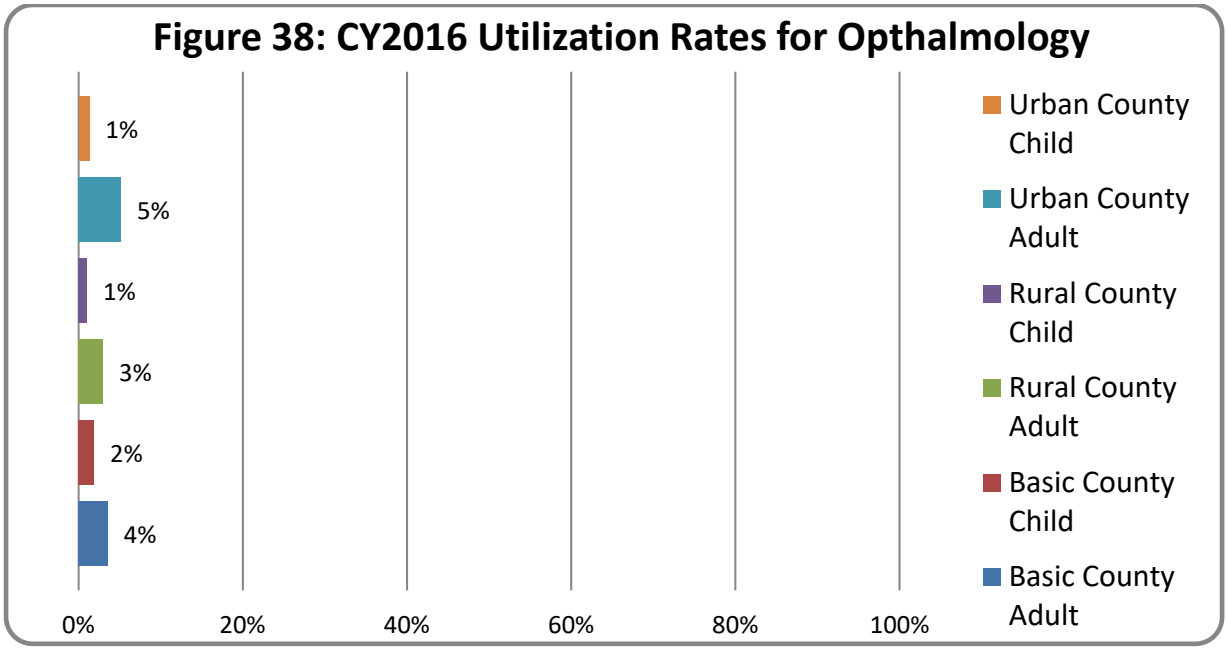


Figure 38: CY2016 Utilization Rates for Opthalmology
1%
5%
1%
3%
2%
4%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

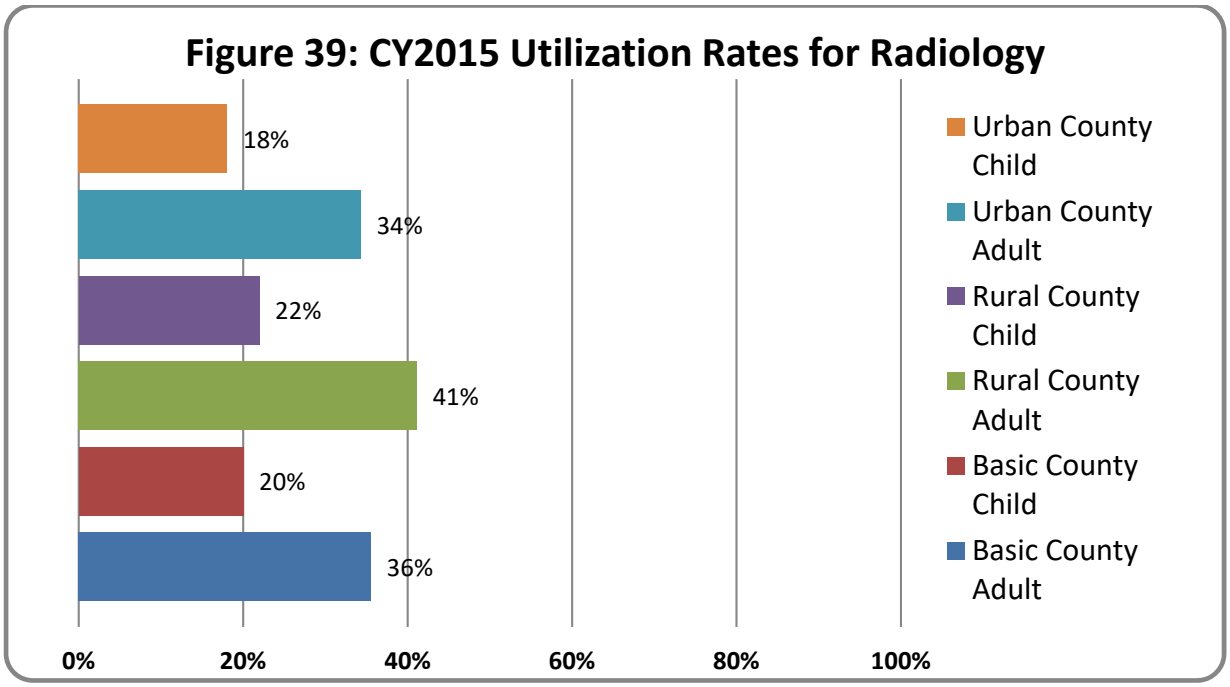


Figure 39: CY2015 Utilization Rates for Radiology
18%
34%
22%
41%
20%
36%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

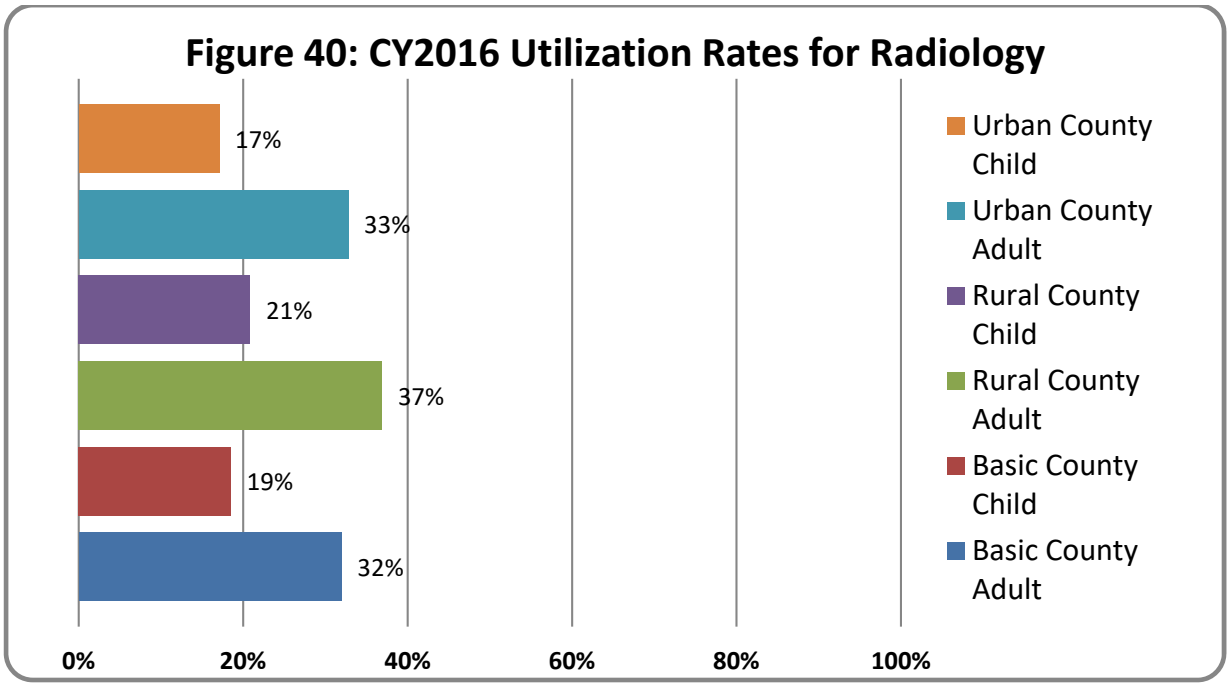


Figure 40: CY2016 Utilization Rates for Radiology
17%
33%
21%
37%
19%
32%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

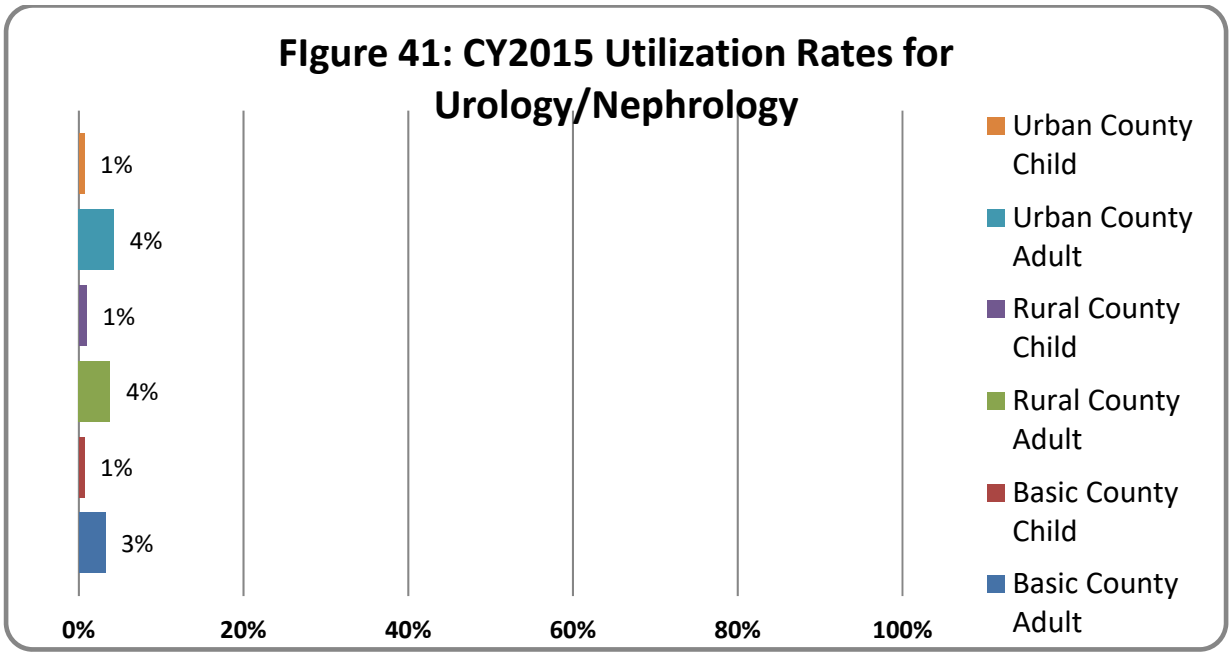


FIgure 41: CY2015 Utilization Rates for Urology/Nephrology
1%
4%
1%
4%
1%
3%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

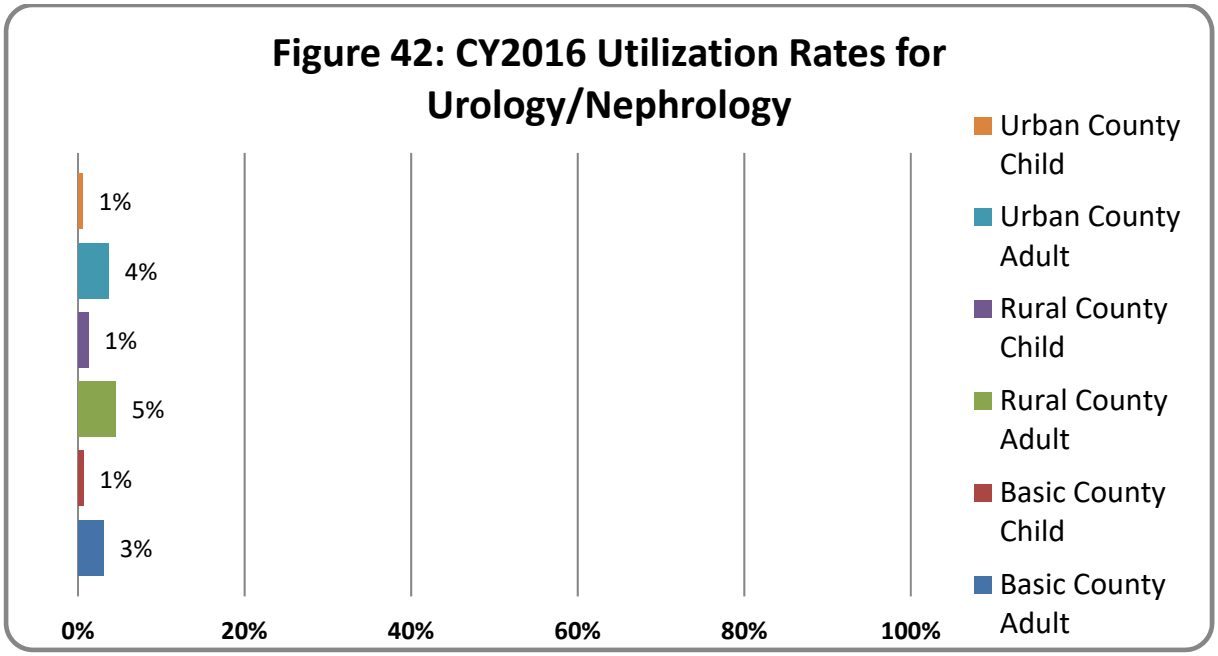


Figure 42: CY2016 Utilization Rates for Urology/Nephrology
1%
4%
1%
5%
1%
3%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

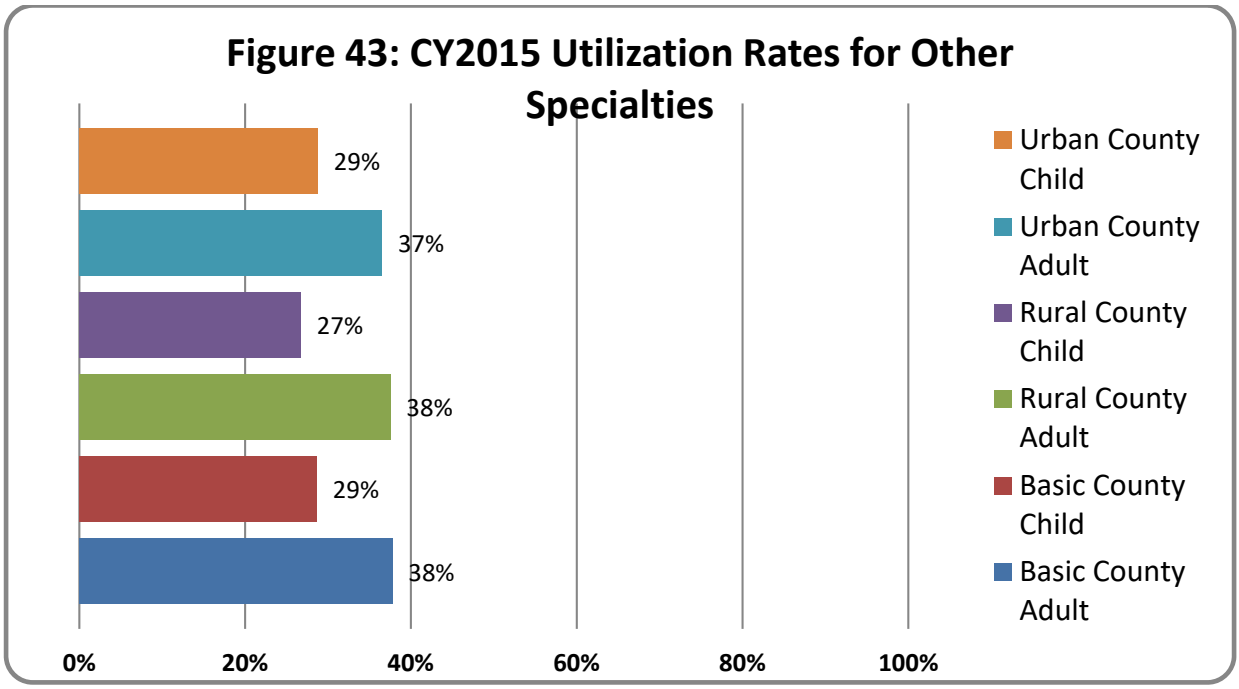


Figure 43: CY2015 Utilization Rates for Other Specialties
29%
37%
27%
38%
29%
38%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

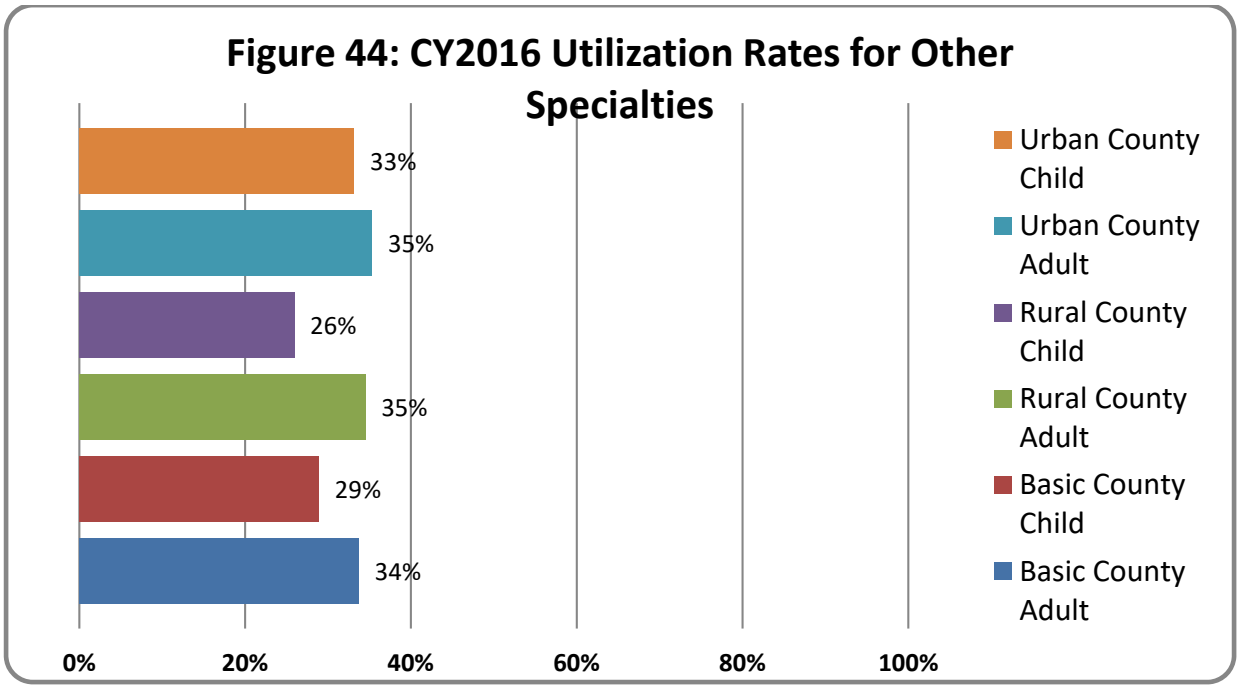


Figure 44: CY2016 Utilization Rates for Other Specialties
33%
35%
26%
35%
29%
34%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

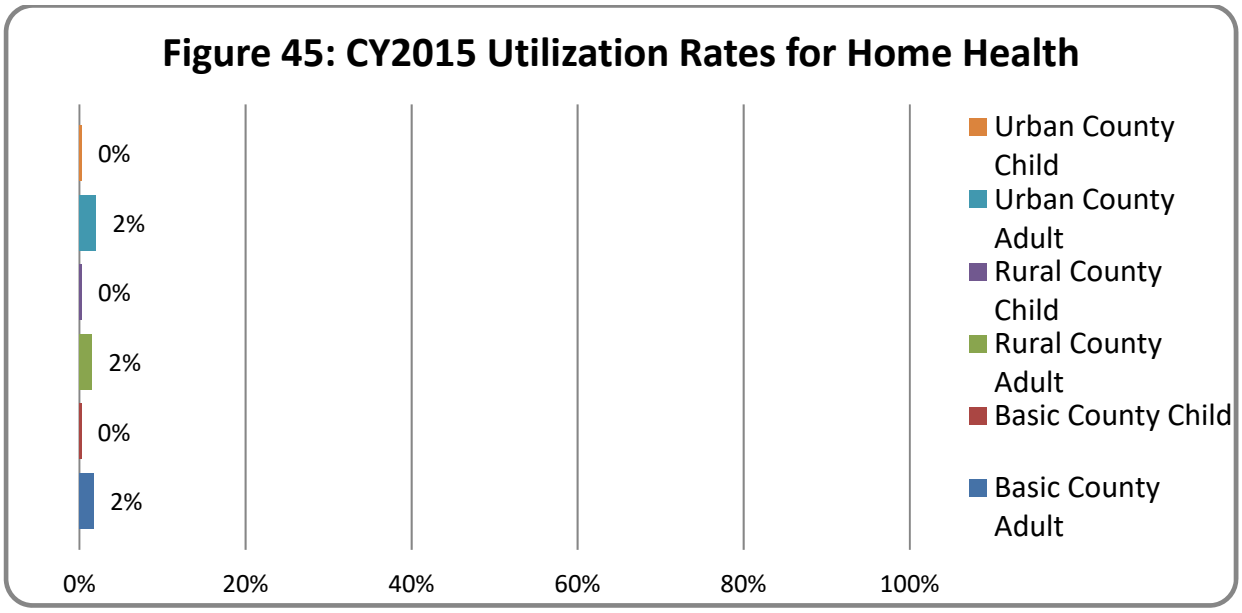


Figure 45: CY2015 Utilization Rates for Home Health
0%
2%
0%
2%
0%
2%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

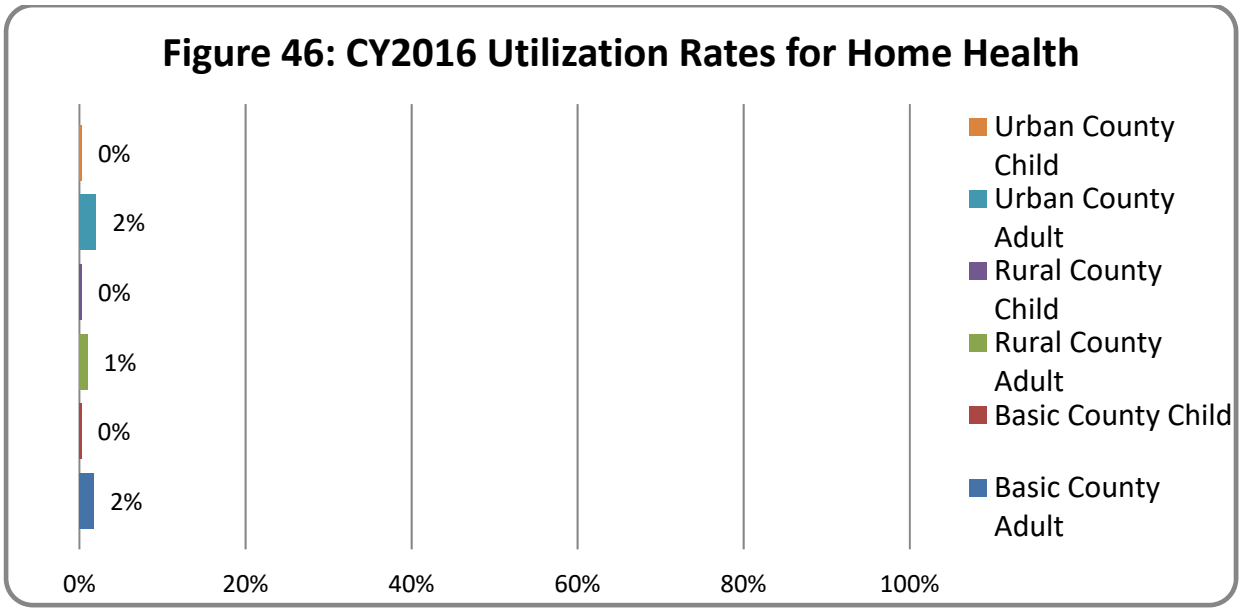


Figure 46: CY2016 Utilization Rates for Home Health
0%
2%
0%
1%
0%
2%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

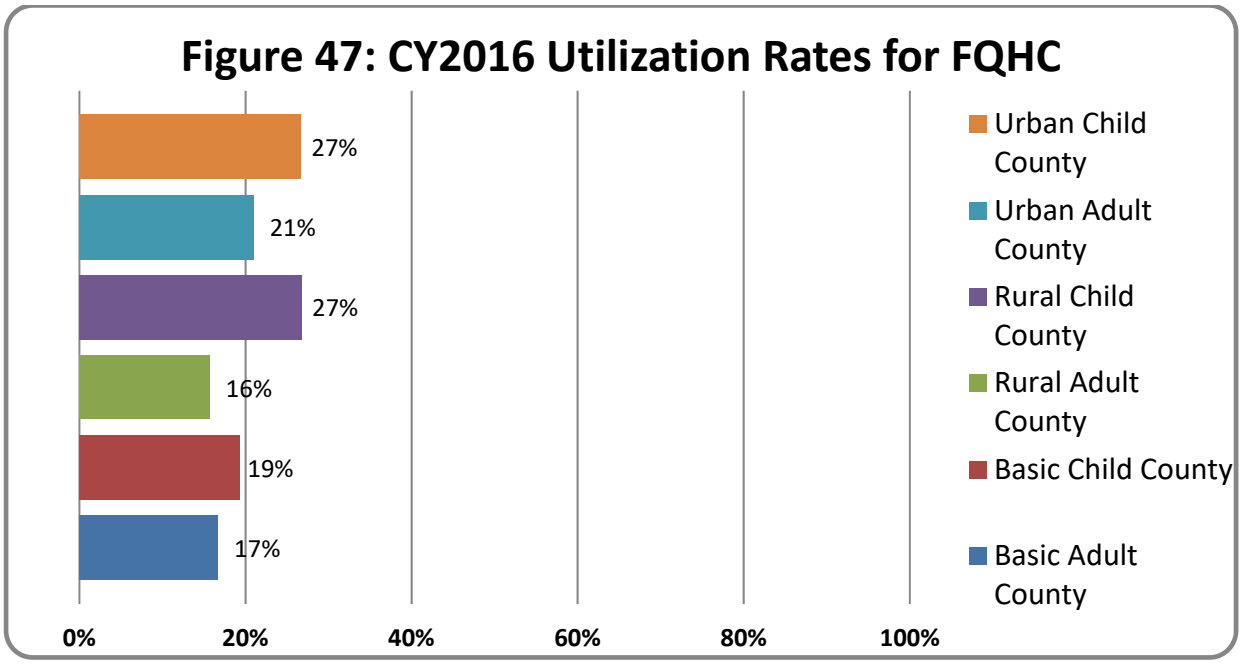


Figure 47: CY2016 Utilization Rates for FQHC
27%
21%
27%
16%
19%
17%
0%
20%
40%
60%
80%
100%
Urban Child County
Urban Adult County
Rural Child County
Rural Adult County
Basic Child County
Basic Adult County

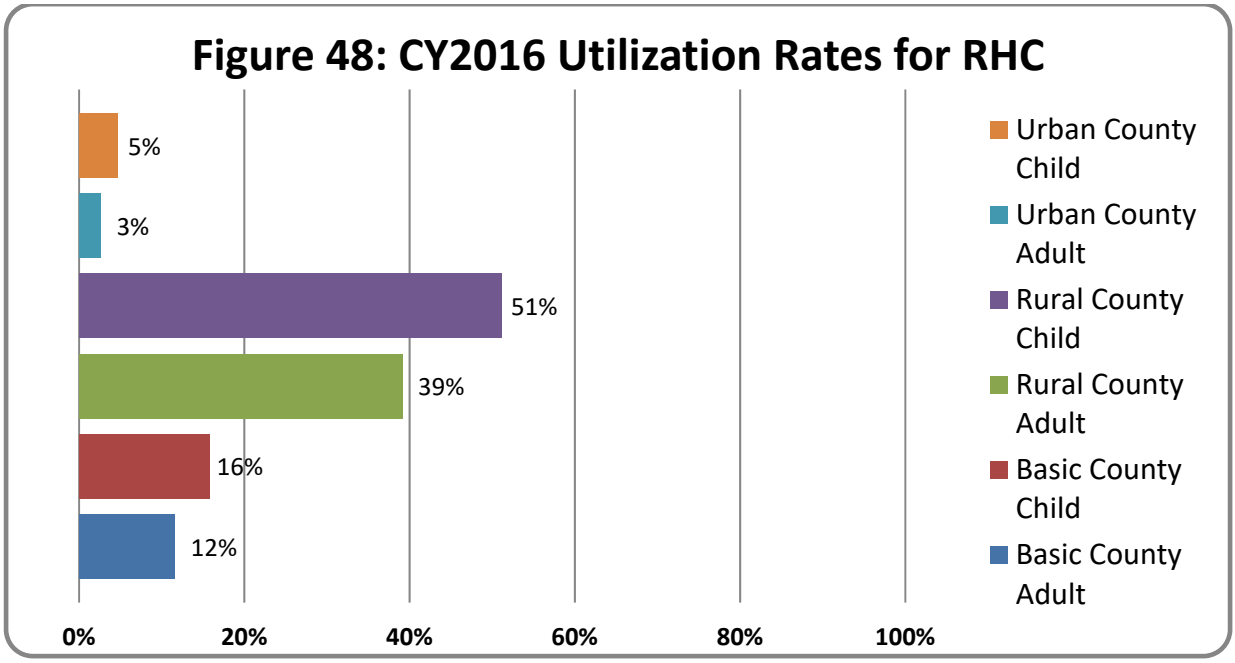


Figure 48: CY2016 Utilization Rates for RHC
5%
3%
51%
39%
16%
12%
0%
20%
40%
60%
80%
100%
Urban County Child
Urban County Adult
Rural County Child
Rural County Adult
Basic County Child
Basic County Adult

Appendix A: Public Notice and Summary of Comments for Nursing Facilities

Public Notice: Draft Access Monitoring Review Plan

December 22, 2017

The MO HealthNet Division is seeking comments regarding the Draft Access Monitoring Review Plan (AMRP) as required with Federal regulations at 42 CFR §§447.203-204, implementing section 1902(a)(30)(A) of the Social Security Act (the Act), requiring states to analyze data and supporting information to document that fee-for-service Medicaid payment rates are sufficient to enroll enough providers so that covered services are accessible under the state plan as compared to the general population in the geographic area.

The AMRP has been revised to include changes to the Nursing Facilities rate reductions as follows:

> Nursing facilities and HIV nursing facilities with either an interim rate or a prospective rate in effect on August 1, 2017, will be subject to a decrease in their per diem rate effective for dates of services August 1, 2017, through June 30, 2018, of $5.37. The per diem adjustment shall be deducted from the facility's current rate as of July 31, 2017, and is effective for dates of service beginning August 1, 2017, through June 30, 2018. Effective for dates of service beginning July 1, 2018, the per diem decrease shall be reduced to $4.83. A per diem adjustment of $0.54 shall be added to the facility's current rate as of June 30, 2018, which includes the $5.37 decrease, and is effective for dates of service beginning July 1, 2018. This decrease is contingent upon approval by the Centers for Medicare and Medicaid Services.
>
> The estimated savings from the global per diem adjustments to nursing facility and HIV nursing facility reimbursement rates for state fiscal year 2018 is $47.1 million.

The AMRP is available for review at https://dss.mo.gov/mhd/alerts~public-notices.htm. Comments must be received by January 22, 2018.

Comments may be emailed or sent by mail to the following address. Please use the subject line "Public Comment for AMRP - Nursing Facilities."

Attention: Sara Davenport
MO HealthNet Division
615 Howerton Ct., 2nd Floor
Jefferson City, MO 65109
Email: Ask.MHD@dss.mo.gov

Summary of Public Comments Regarding the

Department of Social Services (DSS) Access Monitoring Review Plan (AMRP)

April 12, 2018

The Missouri State DSS the MO HealthNet Division (MHD) received public comments from advocacy groups, providers, constituents, and attorneys.

Nursing Facility Comments

Comment: Several Nursing Facility (NF) provider commenters described that due to the NF rate reduction, they are accepting fewer Medicaid residents. Of these comments, it was described that some facilities are rejecting Medicaid admissions, scrutinizing each admission, or accepting any other payer type other than Medicaid. The commenters discussed a decrease in their Medicaid population.

Response: MHD will monitor the occupancy rate changes. Providers have a choice to accept MO HealthNet. NF providers who are enrolled to accept Medicaid, signed and agreed to the Title XIX Participation Agreement for Nursing Home Services. Within those requirements associated with enrolling as a Medicaid provider, the NF agreed to the following:

> If at any time state or federally appropriated funds available to the MHD for payment to the provider for covered services under this agreement are insufficient to pay the full amount due, the provider agrees to accept payments reduced in proportion to the funding deficiency.

Once a Medicaid participant is admitted to the NF, the resident has protections outlined in state and federal regulations that apply to them as a Medicaid participant. If a resident is admitted on Medicare and is not able to return home and Medicaid qualifying, the NF cannot discharge the participant based on payor source, if a Medicaid bed is available. The MHD has included a table showing the number of facilities and occupancy prior to the rate decrease (April-June 2017 quarter) and a table after the rate decrease (October-December 2017).

Comment: Several NF commenters expressed that due to the NF rate reduction they may consider decertifying Medicaid beds or closing an entire or partial wing. Of those comments, one NF provider commenter stated that they have decertified Medicaid beds at their facility. One NF provider commenter expressed concern with revaluating operating in Missouri due to the NF rate reduction.

Response: MHD has not received any information of providers no longer operating in MO. MHD is unaware that a bed decrease occurred due to a rate change. MHD is aware of only one NF that decreased ten Medicaid/Medicare beds out of a total of 120 beds. DHSS' documentation regarding that NF shows that DHSS recommended a Medicare/Medicaid bed decrease due to renovations at the NF. However, this did not impact the total number of certified beds in which Medicaid participants has access. There has been an increase in certified beds in which Medicaid participants would have access. There has been an increase of additional 305 Dual Certified Medicare/Medicare beds in 2018. There has been one bed decrease in Medicaid Certified beds in 2018. MHD will continue to monitor access.

Comment: Several NF provider commenters discussed loss in revenue since the rate change, expressing several financial challenges.

Response MHD's Medicaid FFS payments comply with the access standards in Section 1902(a) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. MHD will continue to monitor access.

Comment: Several NF provider commenters discussed reducing staff, not providing raises, decreasing staff hours, not creating additional jobs, and not filling open positions. These staff reductions and layoffs include direct care staff, nursing staff, bus drivers, maintenance, food prep, activity aids, and other non-administrative staff working in some capacity for the residents. Several NF provider commenters discussed eliminating nurses and decreasing nursing care and discussed the NF's decline in inpatient care hours. Of those comments, the difficulty in recruiting and maintaining experienced and qualified staff due to the anticipated turn over and financial challenges with the low pay was discussed. Many commenters compared the rates to be lower than that of fast food chains or hospital or other nursing institutions that can pay more for the qualified staff. Some of these commenters expressed that qualified staff were leaving for jobs in fast food and Walmart due to paying higher wages. Several comments expressed how this will potentially impact quality of care.

Response: Under 19 CSR 30-85.042, the NFs shall employ nursing personnel in sufficient numbers and with sufficient qualifications to provide nursing and related services which enable each resident to attain or maintain the highest practicable level of physical, mental and psychological well-being. Additionally, under 19 CSR 30-85.052, NF providers should adhere to the requirements associated with quality of care. MHD encourages NF providers to follow state and federal regulations. MHD has an infrastructure established to monitor for access. MHD will continue to monitor access.

Comment: Several NF provider commenters described their decline inpatient care hours and an increase in the number of Medicaid participants with more complex health issues, and how they are turning away the participants with multiple co-morbidities because the facilities cannot cover the costs.

Response: MHD's Medicaid FFS payments comply with the access standards in Section 1902(a) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. Under 19 CSR 30-85.042, the NFs shall employ nursing personnel in sufficient numbers and with sufficient qualifications to provide nursing and related services which enable each resident to attain or maintain the highest practicable level of physical, mental and psychological well-being. MHD encourages NF providers to follow state and federal regulations. MHD will continue to monitor access.

Comment: Several NF provider commenters discussed the inability to enhance services/products offered, such as monitoring programs, expanding quality oversight, repair improvements, electronic management tools, clinical reference tools, and maintenance projects. Some NF provider commenters discussed not providing the necessary repairs to the facilities, facility equipment, and structural repairs. Some NF provider comments mention they will only repair items related to safety or potential hazards. Some of the NF provider commenters expressed safety concerns that they would not make necessary

structural and equipment repairs, such as to the failing roofs, failing broilers, backup generators, parking lot potholes and cracks, transportation vehicles, and etc.

Response: Under 19 CSR 30-85.012, 85.022, and 85.032, NFs must adhere to the construction standards, fire safety and emergency preparedness, and physical plan requirements. MHD encourages NF providers to follow the state and federal regulations. MHD will continue to monitor access.

Comment: Some NF provider commenters discussed reducing food choices and dietary needs, housekeeping, laundry, activities, transportation, off-site outings and activities, and plant operations.

Response: Under 19 CSR 30-85.052, NF must follow the dietary requirements, activities and plan operations. NF providers have options in what choices are offered as long as they adhere to state and federal regulations. MHD encourages NFs to be more interactive and collaborative with community organizations and to access community based services to assist with on-site and off-site activities that would not result in additional costs to the NF providers. MHD will continue to monitor access.

Comment: Several NF provider commenters discussed the hardship from the increased CMS regulation.

Response: At this time, please direct any concerns regarding CMS' requirements to CMS.

Comment: Some NF provider commenters and non-provider commenters discussed the difficulty persons will have finding NF providers within a reasonable distance of their homes who are accepting Medicaid patients, especially in rural parts of the state if NFs were to close as a result of the rate reduction. Some commenters expressed concern on the hardships families will experience to travel to further NFs, since NFs are turning away Medicaid residents.

Response: MHD is unaware of a significant decrease in the number of Medicaid beds available. However, MHD will continue to monitor access. As shown in the draft AMRP on page 53, the distance standards remain adequate.

Comment: Several NF provider commenters and non-provider commenters discussed that the rates are not covering the cost of care for Medicaid residents. Of those comments, it was discussed that for State Fiscal Year (SFY) 2016 the Medicaid shortfall for SFY is $15.86 per patient and projecting that the 2018 projected difference is $24.55. Of those comments, a commenter expressed concern that the Missouri Medicaid Rates have not kept up with inflation or the CMS Market Basket Index for skilled nursing facilities and that the rate has only increased by 0.06% for the four year period of 2016-2019, excluding the July 1, 2015, $1.29 NFRA add-on as an actual net rate increase.

Response: MHD is charged with the administration of the RSMO 208.159 Title XIX Medicaid program, including the development of reasonable rates. MHD has determined the reasonable reimbursement rates in accordance with the NF regulation 13 CSR 70-10.015/016. The reasonableness standard includes facility's cost of providing services as a factor. The Medicaid program is also a voluntary program and agrees to accept the Medicaid reimbursement as payment in full for Medicaid participants.

Providers do not have to participate in the Medicaid program if they do not believe they can sustain operations financially.

The MHD updated the NF section in the AMRP to demonstrate a comparison of the average NF private pay and commercial insurance reimbursement rates to the MHD NF rates. The MHD's Medicaid FFS payments comply with the access standards in Section 1902(a) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. MHD continually monitors for access and have infrastructure established to monitor for access.

Comment: Some commenters expressed concern that the Medicaid rates were set in 1995 for nursing facilities and have not been rebased since state fiscal year 2005, using 2001, trended data and requesting clarification concerning page 47 of the Draft AMRP, regarding the partial rebase of 2005. A commenter did not agree with the manner in which the rate was calculated questioning the validity of the reimbursement system described in the Draft AMRP, and further expressed that the rate is based on taking money from the nursing facilities and is not based on any cost analysis or utilization criteria.

Response: MHD is charged with the administration of the RSMO 280.159 Title XIX Medicaid program, including the development of reasonable rates. MHD has determined the reasonable reimbursement rates in accordance with the NF regulation 13 CSR 70-10.015/016. The reasonableness standard does not require that the reimbursement rates cover a facility's cost of providing service. The Medicaid program is a voluntary program and providers agree to accept the Medicaid reimbursement as payment in full for Medicaid participants. Providers do not have to participate in the Medicaid program if they do not believe they can sustain operations financially.

Comment: A commenter expressed concern about the table on page 48 stating that the real reason for the rate reduction is to meet the administration's general revenue reduction in the fiscal year 2018 budget.

Response: MHD administers the program within the appropriation granted for the program in a manner that is consistent with efficiency, economy, quality of care, and access.

Comment: A commenter expressed that the division has failed to uniformly apply the plan to existing rates before and after the $5.37 reduction, expressing that the state discriminately includes the Nursing Facility Reimbursement Allowance (NFRA) when setting rates for new facilities but not for older facilities. This violates the State Plan.

Response: MHD sets reimbursement rates in accordance with 13 CSR 70-10.015 and 10.016. The current NFRA is an allowable cost. If the NFRA per patient day changes NF rates are revised to include the revised NFRA in its reimbursement rate.

Comment: A commenter expressed concern that the access calculation for NFs is incorrect because MHD determined access solely on the access of non-occupied beds using the Certificate of Need (CON) data for one calendar end quarter and indicated that MHD should have used Medicare Advisory

Payment Commission (MedPAC) criteria. Furthermore, they go on to express that the CON data is unaudited and unverified.

Response: The CON data provides information on the capacity and supply of NF providers in Missouri and is readily available to the MHD from the DHSS. CON data is reviewed for reasonableness by DHSS upon receipt of the data. MHD performs additional reviews and comparisons of the CON data to ensure accuracy. MHD does not use one factor in determining access. The Draft AMRP also includes network access report on page 53.

Comment: A commenter stated that MHD does not reimburse NF for Medicare Part A coinsurance for participants' eligible for Medicare and Medicaid programs, if the resident resides in a Medicare/Medicaid certified bed, and if the stay is eligible for Medicare reimbursement.

Response: As permitted by Federal law, states can limit Medicare cost-sharing payments, under certain circumstances. MHD reprices NF services for Medicare/Medicaid dual eligible participants and the reimbursement is limited to what MHD reimburses. As stated in MHD Provider Bulletin MO HealthNet Reimbursement of Medicare Crossover Claims For Skilled Nursing Facility Benefits accessed from the MHD Provider Bulletin webpage https://dss.mo.gov/mhd/providers/pages/bulletins.htm, or directly from: https://dss.mo.gov/mhd/providers/pdf/bulletin32-36_2010mar17.pdf. If Medicare reimbursed the NF less than what MHD would reimburse, MHD will reimburse the difference up to MHD's maximum allowable reimbursement. If Medicare reimbursed the NF more than what MHD would reimburse, MHD does not make any additional reimbursements. Therefore, MHD may not reimburse the full coinsurance amount but the NFs can claim that amount as a bad debt on their Medicare cost report.

Utilization Rate Comments for All Programs

Comment: A commenter expressed concern about the utilization rate comparison for all programs in the Draft AMRP discussing that there is no analysis about what this utilization rate change may mean for access and does not indicate beneficiary need to compare to the utilization rate.

Response: Please refer to page 109 of the Draft AMRP showing that a utilization review of FFS participants accessing provider services by county type was demonstrated for Calendar Year (CY) 2015 and CY 2016. This utilization data was based on claims data demonstrating reliable data to determine access to services. This data is based on the claims submitted for reimbursement. This data demonstrates the participants by adult or child in urban, basic, and rural counties for covered services. This data would not reflect services accessed for non-covered services or when providers have not submitted claims to MHD for reimbursement. Please refer to page 50 for utilization of NF. However, MHD is expanding this utilization data to reflect the utilization per category of assistance within the county level for NF. This will demonstrate access based on category of assistance to better understand the utilization rates of the participants. MHD continues to monitor access, including analyzing utilization.

Provider Rate Reductions Comments for Other Programs

Comment: One commenter discussed that the reduction to Medicaid Fee-For-Service (FFS) provider rates mandated by the General Assembly in 2017, and the long-term failure of Medicaid provider rates to keep up with rising medical costs mean these problems are likely to worsen.

Response: MHD has an infrastructure established to monitor for access. Please check back for the updated plan with the analysis for services mentioned.

Comment: Commenters discussed that MHD cannot implement the proposed rate reductions announced in July 2017, and that the state must submit a State Plan Amendment (SPA) to CMS prior to implementing any rate reduction. A commenter discussed that the state is required to submit an AMRP with the SPA and receive CMS approval prior to implementation of the provider rate reduction. One commenter discussed that the AMRP is a required component of any SPA that proposes to reduce provider rates. This commenter referenced 42 CFR 447.203(b)(6) stating that it requires any SPA proposing to reduce provider payment rates that could result in diminished access be accompanied by an AMRP completed within the last 12 months for each serviced for which rates are to be reduced. Of those comments, it was discussed that the AMRP failed to address the impact of the recent rate reductions. The plan did not include 3% rate reductions for the following services and 6% rate reduction for Private Duty Nursing. The reductions to the following services were referenced:

Home Health
Rehabilitation Center
Dental
Audiology
Optical
Physician – I believe I have this information in the plan.
Behavioral Health
Ambulance
IEP Direct Services
Home and Community Based Services
Private Duty Nursing

Response: When required, MHD submitted SPA or amended state regulations to effectuate proposed rate changes. MHD follows state and federal laws. The State also relied on guidance given by CMS on November 16, 2017, issued to State Medicaid Directors.

Comment: One commenter discussed that the rate data in the AMRP is only provided through fiscal year 2017, not mentioning fiscal year 2018 cuts.

Response: MHD provided the applicable rate information as it was available and per CMS guidelines. MHD will monitor for access.

Comment: A provider expressed concern that the recent rate reduction for in home services has severely affected families, children, and hospitals. Of this comment it was discussed that the home care suffered an across the board 3% reduction with private duty nursing suffering with a 6% cut. For

children covered under Medicaid this created a significant lack of in home services. As a result, families are being placed on a waiting list and children are remaining in hospitals because adequate in home services are unavailable. This violates the mandate of EPSDT, which requires that medical assistance be furnished with reasonable promptness to all eligible individuals. The commenter is concerned that Missouri citizens are being under served and that the state is violating federal law and exposing itself to litigation.

Response: MHD is in process of updating the Home Health portion of the AMRP, which included in-home services.

Data Comments

Comment: One commenter discussed that the data requirements shown in 42 CFR 447.203 (b) (1) is not met in the AMRP. There is no methodology for the rate-setting process or provider reimbursement process.

Response: Please refer to the Draft AMRP, which includes data requirements in accordance with 42 CFR 447.203.

Comment: A commenter discussed that there is not an analysis to private insurance in all the programs of the AMRP and suggested utilizing State of Missouri employee insurance plan as a comparison.

Response: MHD appreciates the suggestion and is researching ways in which to compare rates to private health plans. The MHD does not collect reimbursement rates from private health insurance companies. While the Missouri Department of Insurance is responsible for regulating private insurance companies doing business in Missouri, there is not a law that requires private health plans to report or publish their provider reimbursement rates. The MHD does not currently have a resource for private-payer rate data. The MHD will explore options for obtaining commercial payer data. However, the MHD has compared Medicaid rates to specific Medicare rates. The MHD updated the NF section in the AMRP to demonstrate a comparison of the average NF private pay and commercial insurance reimbursement rates to the MHD NF rates.

Physician and Hospital Comments

Comment: One commenter expressed concern that the physician discussion on page 15 may be counting physicians who are only accepting Managed Care patients. Of that comment, it was discussed that Medicaid enrollees may not be able to find private physicians who accept Medicaid, based on the physician participation discussion on page 15.

Response: Please refer to page 7 of the Draft plan, the MHD focuses on the 33% of the FFS population. Additionally, all the FFS Network Adequacy data demonstrates the FFS enrolled providers only. The managed care enrollment data is not indicated on the FFS AMRP. On page 15, "enrolled in MO HealthNet," means enrolled as FFS provider accepting FFS Medicaid participants. The data shown on page 15 represents the providers accepting FFS Medicaid participants. FFS Medicaid participants are

able to utilize the MHD Provider Search page on the DSS MHD page accessed from: https://dss.mo.gov/mhd/participants/, found at: https://apps.dss.mo.gov/fmsMedicaidProviderSearch/, to access the contact information for the FFS Medicaid enrolled providers. They may also contact Participant Services at 1-800-392-2161 to assist them with finding a provider for the services in which they need.

Comment: A hospital provider commenter expressed concern that hospitals are struggling to stay open because their rates continually decline every year. Of the comment, it was discussed that hospitals are losing money every week due to the insurance companies only paying a percentage of the bill, patients not paying, and Medicaid refusing to pay or a lower amount, and Medicare paying only 50% of the bill.

Response: MHD continues to monitor for access. MHD sets rates in accordance with efficiency, economy, quality of care, and access.

Ongoing Public Input Comments

Comment: Some commenters expressed concern that there is no system for ongoing public input as required by CFR 447.203(b) (2).

Response: MHD appreciates the comment and has established a webpage for easier access to public comments. Please refer to the MHD webpage found at: https://dss.mo.gov/mhd/amrp.htm for ongoing public comment.

Distance Standards Comments

Comment: Some commenters expressed concern that the distance standards, for all programs within the AMRP, do not provide an actual measure of access, of which a commenter expressed concern for those living in rural areas. Of the comments, it was expressed that the distance standards used does not provide an actual measure of access and that the distance standards do not mean that a provider is available or accepting new patients. Of those comments, it was discussed that there is not an adequate number or Home Health agencies reflected in the Draft AMRP.

Response: There is not a specific distance standard requirement for FFS. For consistency and accuracy, MHD predominately uses the distance standards required by Health Maintenance Organizations (HMOs). Furthermore, 88% of Home Health providers are enrolled with MO HealthNet. The FFS Network Adequacy data starting on page 57 of the Draft AMRP for all programs, and NF which starts on page 54, shows the distance to providers by county. This demonstrates the travel distance for rural, basic, and urban counties. However, Home Health agencies travel to the participants' home to provide services in the home.

Comment: A commenter expressed concern that there is not a comparison to the general population for any specialty or provider type except NFs. The distance standard and 90% baseline might only comply with the system for Missouri managed care plans, but there is no indication that this metric its results are consistent with access available to the general population. The plan does not address if the general

population has the same travel distance requirements or deals with the same holes in access. This information could be found by accessing how many providers enrolled in private insurance plans within various specialties and geographic areas. Even in the one area where the plan briefly discusses Medicaid participant access versus general population access (nursing home access), it compares vacant availability of beds in nursing facilities in terms of percentages. This metric does not indicate whether there is actual access but instead indicates there are beds available for a participant somewhere. The percentage does not demonstrate access based on geography or participant locations. In any event, the failure to even attempt such an analysis in areas besides "nursing home" access is highly problematic and a major deficiency in the plan.

Response: As shown on page 5 of the Draft AMRP**,** MHD is pursuing ways in which to compare rates to private health plans. The MHD continually monitors for access and is developing additional infrastructures for comparisons to the general population.

Adequacy and Monitoring Comments

Comment: A commenter expressed that there was no discussion in the AMRP or analysis of adequacy of Medicaid services and only used some comparisons to Medicare and utilization rates but should include discussion of access to specific provider types and beneficiary changes and characteristics and that the decrease in FFS participants and increase in physician-related providers seems to imply that the access must be adequate but does not address actual participation of providers.

Response: MHD continually monitors for access and has an infrastructure established to monitor for access. The FFS participant data is closely monitored to assess the number of participants in each category of assistance. MHD continually monitors the provider enrollment data to demonstrate the number of providers available in each county.

Comment: A commenter discussed that there are no efforts to develop any monitoring procedures for analyzing impact on these cuts in the future, in the AMRP.

Response: MHD continually monitors for access and has infrastructure established to monitor for access.

Appendix B: Public Notice and Summary of Public Comments Laboratory

Public Notice Regarding Reduction in Rates for Laboratory Services

January 11, 2018

Pursuant to Sections 1902(a)13(A) of the Social Security Act and 42 Code of Federal Regulations (CFR) 447.205, which mandate that proposed changes in statewide methods and standards for setting Medicaid payment rates be published and made available for review and comment, this is to advise that:

1. The Missouri Department of Social Services provides notice of the following:

To ensure efficiency, economy, quality of care, and access; effective for dates of service beginning January 1, 2018, the MO HealthNet Division (MHD) will reduce reimbursement rates for Laboratory services from 100% of the Medicare rate to 80% of the most current Medicare allowed laboratory rates. MHD estimates a total savings of $13,200,000 in expenditures as a result of this change. The MHD is seeking comments regarding the effect this reduction has on access to care.

2. Comments may be sent by regular mail, express or overnight mail, in person or by courier within thirty days after publication of this notice and must be sent or delivered to the following address:

MO HealthNet Division
615 Howerton Ct., 2nd Floor
Jefferson City, MO 65109
Attention: Nanci Nikodym

Comments may also be emailed to Ask.MHD@dss.mo.gov. Please use "Public Comment for Laboratory Reimbursement" in the subject line. Comments must be received by February 11, 2018.

3. A copy of the proposed Laboratory changes is available for public review by going to any Family Support Division Office or by contacting the Department of Social Services, MO HealthNet Division at Ask.MHD@dss.mo.gov. These documents also may be viewed online at https://dss.mo.gov/mhd/providers/pdf/bulletin40-36_2017december19.pdf.

4. No public hearing will be held.

Summary of Public Comments Regarding the

Department of Social Services (DSS) Access Monitoring Review Plan (AMRP)

April 3, 2018

The Missouri State DSS the MO HealthNet Division (MHD) received public comments from providers.

Comment: Several provider commenters expressed concern that the Medicare laboratory fee schedule will experience multiple years of decreases starting in Calendar Year (CY) 2018, with up to 10% reduction in payment per laboratory code for the first three years and that the reductions in Medicaid reimbursement and the Protecting Access to Medicare Act (PAMA) reductions will reduce reimbursement to the level of threatening patient care. Of these comments, it was described that even if MHD did not implement the rate reduction, MHD will still realize substantial savings as Centers for Medicare and Medicaid Services (CMS) has already implemented PAMA cuts to Medicare rates for 2018.

Response: MHD does not wish to forecast future CMS requirements. Please direct any concerns regarding CMS' requirements to CMS. The MHD implemented the outpatient laboratory changes on January 1, 2018. The MHD adjusted all outpatient laboratory codes to consistently reimburse at 80% of Medicare's current allowable rate and will be updated annually. The MHD's FFS payments comply with the access standards in Section 1902(a)(30)(A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD will continue to monitor access. The MHD has an infrastructure established to monitor for access.

Comment: Some provider commenters discussed concern that the laboratory rate reduction is significantly below the providers' cost to provide laboratory services to Medicaid beneficiaries and that many providers will have no choice but to discontinue laboratory services for Medicaid patients. Of these comments, it was described that the reduction jeopardizes hospitals across the state with their ability to provide services to patients cost effectively, risking patient access to adequate care, and will reduce quality of care.

Response: The MHD is charged with the administration of the RSMO 280.159 Title XIX Medicaid program, including the development of reasonable rates. The MHD has determined the reasonable reimbursement rates in accordance with the 13 CSR 70-15.160 Hospital regulation. The Medicaid program is a voluntary program and providers agree to accept the Medicaid reimbursement as payment in full for Medicaid participants. The MHD will continue to monitor access. The MHD has an infrastructure established to monitor for access.

Comment: A provider commenter expressed that cutting reimbursement for office lead testing will result in a significant drop in compliance rates. The commenter further explained that high lead levels cause brain damage and that the health of the children should take priority. The provider stated that it is important to have tests results promptly to allow treating timely, such as the current influenza epidemic, patients needing Tamiflu, and to not waste medications on patients testing negative. Of this comment, it was described that sending the tests to an outside laboratory will result in a turnaround

time of several days rather than 10 minutes in the office testing. The provider explained that they will be required to treat all patients with Tamiflu pending the laboratory results. The provider postulated that the savings of about $2 per tests should be considered when this leads to over prescribing Tamiflu, which costs over $100 per patient and that for a thousand patients the savings of $2,000 for laboratories is not offset by the possible extra cost of $100,000 for medication.

The provider suggested that a more logical policy would be to not lower the reimbursement of most Point service/in office-laboratories and to reduce rates of the reference and more complex tests, which also cost more on a per test basis. The provider described that the carving out of a small number of tests will greatly improve the care of the providers' patients and could lead to greater savings.

Response: Providers should adhere to federal and state statutes and regulations of which 13 CSR 70-3.030 specifies that providers shall maintain quality, necessary, and appropriate services. The Laboratory reduction was a reduction for all outpatient laboratory codes and was not a reduction of any one particular service. The MHD appreciates the provider's suggestions and will consider investigating other viable options. The MHD implemented the lab changes on January 1, 2018. The MHD's Medicaid FFS payments comply with the access standards in Section 1902(a)(30)(A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD will continue to monitor access. The MHD has an infrastructure established to monitor for access.

Comment: A provider commenter expressed that they will be revaluating their hours of operation, staffing reductions, and site closings due to the rate reduction.

Response: The Medicaid program is a voluntary program and providers agree to accept the Medicaid reimbursement as payment in full for Medicaid participants. Providers are not obligated to participate in the Medicaid program if they do not believe they can sustain operations financially.

Comment: A provider commenter discussed that they could not find the analysis or research performed to warrant such a mandate. The provider asked that the state delay the reduction until providing a basis for the action and to review and assess the impact on the Medicaid population before moving forward with the reduction in payments and ultimately services.

Response: The MHD implemented the laboratory changes on January 1, 2018. The MHD conducted an analysis of many other states' rates and aligned more closely with what other states pay for outpatient laboratory reimbursement of the Medicare allowable rate. The MHD updated their rates to more consistently apply the rate to all outpatient laboratory codes and will continue to update annually to reflect 80% of the current Medicare reimbursement rates. The MHD's Medicaid FFS payments comply with the access standards in Section 1902(a)(30)(A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD will continue to monitor access. The MHD has an infrastructure established to monitor for access.

Comment: A provider commenter questioned whether a reimbursement reduction improves efficiency, economy, and quality of care for Medicaid patients or strictly accomplishes financial savings for the State.

Response: In considering adjustments to rate reimbursement cost savings is a factor but it is not the only factor. Under Section 1902(a)(30)(A) of the Social Security Act, the MHD is charged with finding an efficient reimbursement rate while also considering economy, quality of care and access. In this instance, the MHD conducted a review of outpatient laboratory reimbursement rates and compared them across several other states. As a result of this change, the MHD estimated a cost savings of $13.2 M described in the public notice. The MHD will analyze the actual cost savings and consider adjusting rate reimbursements. The MHD will continue to monitor access. The MHD has an infrastructure established to monitor for access.

Comment: A provider commenter expressed that Medicare rates should be recognized as a minimum standard to ensure access to health care services.

Response: The MHD utilized Medicare's reimbursement rate as a standard and conducted an analysis of many other states' rates to aligned more closely with what other states pay for outpatient laboratory reimbursement of the Medicare allowable rate. The MHD updated their rates to more consistently apply the rate to all outpatient laboratory codes and will continue to update annually to reflect 80% of the current Medicare reimbursement rates. The MHD's Medicaid FFS payments comply with the access standards in Section 1902(a)(30)(A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD will continue to monitor access. The MHD has an infrastructure established to monitor for access.

Comment: A provider commenter expressed that Medicare rates do not always reflect the services common to the Medicaid program. The provider stated most of the Medicare population is adults and that it may be more costly to provide services to children as compared to adults**.**

Response: The MHD outpatient laboratory reimbursement does not differentiate between adults and children. The outpatient laboratory reimbursement is applied to all outpatient laboratory codes and is not based on age of the participant.

Appendix C: Public Notice and Summary of Public Comments Outpatient Hospital Reimbursement

Public Notice Regarding Prospective Outpatient Hospital Services Reimbursement Methodology

July 27, 2018

Pursuant to Sections 1902(a) 13(A) of the Social Security Act, 42 Code of Federal Regulations (CFR) 447.205, which mandate that proposed changes in statewide Medicaid payment methods and standards for setting Medicaid payment rates be published and made available for review and comment, this is to advise that:

1. The Missouri Department of Social Services provides notice of the following:

To ensure efficiency, economy, quality of care, and access, effective for dates of service beginning November 30, 2018, the MO HealthNet Division (MHD) will change the methodology in which certain Outpatient Surgical Procedures, Outpatient Radiology, and the Telehealth Originating Site Fees are reimbursed. The change in methodology only applies to hospitals performing these services in an outpatient setting. The MHD estimates a total savings of $66.5 million in expenditures as a result of this change. There will also be a change in outpatient drug reimbursement methodology effective December 16, 2018, which will apply to all providers dispensing medications. The MHD is seeking comments regarding the effects these reductions have on access to care.

A. The MHD will reimburse certain outpatient surgical procedure codes at the outpatient Medicaid fee schedule amount.
    a. The MHD will add specific procedure codes to the fee schedule. The list of procedure codes are attached to this public notice.

B. The MHD will reduce reimbursement rates for outpatient radiology services from 125% of the Medicare rate to 90% of the most current Medicare allowed radiology reimbursement rate.

C. The MHD will reimburse the telehealth originating site fee at the lesser of the billed amount or the outpatient fee schedule amount.
    a. The MHD will reimburse the telehealth originating site fee at the fee schedule amount of $15.60 for procedure code Q3014.

D. The outpatient drug reimbursement will be determined by applying the following hierarchy methodology:
    a. National Average Drug Acquisition Cost (NADAC); if no NADAC,
    b. Missouri Maximum Allowed Cost (MAC) price; if no NADAC or MAC,
    c. Wholesale Acquisition Cost (WAC); OR
    d. The usual and customary (U&C) charge submitted by the provider; if it is lower than the chosen price (NADAC, MAC, or WAC).

e. Outpatient drug reimbursement for 340B providers will be reimbursed at WAC minus 49%.

2. Comments may be sent by regular mail, express or overnight mail, in person or by courier within thirty days after publication of this notice and must be sent or delivered to the following address:

   MO HealthNet Division
   615 Howerton Ct., 2nd Floor
   Jefferson City, MO 65109
   Attention: Sara Davenport

   Comments may also be emailed to Ask.MHD@dss.mo.gov. Please use "Public Comment for Prospective Outpatient Hospital Services" in the subject line. Comments must be received by August 26, 2018.

3. A copy of the proposed Prospective Outpatient Hospital Services is available for public review by going to any Family Support Division Office or by contacting the Department of Social Services, MHD at Ask.MHD@dss.mo.gov. These documents also may be viewed online at https://dss.mo.gov/mhd/. https://dss.mo.gov/mhd/providers/pages/bulletins.htm.

4. The Outpatient Surgical procedure codes impacted by this change are shown below:

MO HealthNet Division Fee Schedule for Outpatient Surgical Procedures			
Implementation Date	**Surgery/Service Description**	**Procedure Code**	**MHD Reimbursement**
01/01/2019	Biopsy, vertebral body, open; lumbar or cervical	20251	$5,606.03
01/01/2019	Percutaneous vertebral augmentation, including cavity creation (fracture reduction and bone biopsy included when performed) using mechanical device (e.g., kyphoplasty), 1 vertebral body, unilateral or bilateral cannulation, inclusive of all imaging guidance; lumbar	22514	$5,606.03
01/01/2019	Arthrodesis, anterior interbody, including disc space preparation, discectomy, osteophytectomy and decompression of spinal cord and/or nerve roots; cervical below C2	22551	$10,122.22
01/01/2019	Arthrodesis, anterior interbody technique, including minimal discectomy to prepare interspace (other than for decompression); lumbar	22558	$15,369.94
01/01/2019	Arthrodesis, posterior or posterolateral technique, single level; lumbar (with lateral transverse technique, when performed)	22612	$10,122.22
01/01/2019	Arthrodesis, posterior interbody technique, including laminectomy and/or discectomy to prepare interspace (other than for decompression), single interspace; lumbar	22630	$15,369.94

01/01/2019	Arthrodesis, combined posterior or posterolateral technique with posterior interbody technique including laminectomy and/or discectomy sufficient to prepare interspace (other than for decompression), single interspace and segment; lumbar	22633	$15,369.94
01/01/2019	Reinsertion of spinal fixation device	22849	$15,369.94
01/01/2019	Total disc arthroplasty (artificial disc), anterior approach, including discectomy with end plate preparation (includes osteophytectomy for nerve root or spinal cord decompression and microdissection); single interspace, cervical	22856	$15,369.94
01/01/2019	Total disc arthroplasty (artificial disc), anterior approach, including discectomy to prepare interspace (other than for decompression), single interspace, lumbar	22857	$15,369.94
01/01/2019	Prophylactic treatment (nailing, pinning, plating or wiring) with or without methylmethacrylate; clavicle, proximal humerus	23491	$10,122.22
01/01/2019	Arthroplasty, acetabular and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft	27130	$10,122.22
01/01/2019	Arthroplasty, knee, condyle and plateau; medial and lateral compartments with or without patella resurfacing (total knee arthroplasty)	27447	$10,122.22
01/01/2019	Capsulotomy; metatarsophalangeal joint, with or without tenorrhaphy, each joint (separate procedure)	28270	$5,606.03
01/01/2019	Arthroscopy, shoulder, surgical debridement, extensive	29823	$5,606.03
01/01/2019	Anthroscopy, shoulder, surgical; distal claviculectomy including distal articular surface (Mumford procedure)	29824	$5,606.03
01/01/2019	Arthroscopy rotator cuff repair	29827	$5,606.03
01/01/2019	Arthroscopy, knee, surgical debridement/shaving of articular cartilage (chondroplasty)	29877	$5,606.03
01/01/2019	Arthroscopy, knee, surgical abrasion arthroplasty (includes chondroplasty where necessary) or multiple drilling or microfracture	29879	$5,606.03
01/01/2019	Arthroscopy, hip, surgical; with femoroplasty (i.e., treatment of cam lesion)	29914	$5,606.03
01/01/2019	Arthroscopy, hip, surgical; with acetabuloplasty (i.e. treatment of pincer lesion)	29915	$5,606.03
01/01/2019	Laparoscopy, surgical, repair of paraesophageal hernia, includes fundoplasty, when performed: without implantation of mesh	43281	$7,594.89
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and Roux-en-Y gastroenterostomy (roux limb 150 cm or less)	43644	$13,500.00

01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; with gastric bypass and small intestine reconstruction to limit absorption	43645	$13,500.00
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; placement of adjustable restrictive device (e.g., gastric band gastric band and subcutaneous port components)	43770	$13,500.00
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; revision of adjustable gastric restrictive device component only	43771	$7,000.00
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device component only	43772	$7,000.00
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; removal and replacement of adjustable gastric restrictive device component only	43773	$13,500.00
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; removal of adjustable gastric restrictive device and subcutaneous port components	43774	$7,000.00
01/01/2019	Laparoscopy, surgical, gastric restrictive procedure; longitudinal gastrectomy (i.e., sleeve gastrectomy)	43775	$13,500.00
01/01/2019	Gastric restrictive procedure with partial gastrectomy, pylorus-preserving duodenoileostomy and ileoileostomy (50 to 100 cm common channel) to limit absorption (biliopancreatic diversion with duodenal switch)	43845	$13,500.00
01/01/2019	Gastric restrictive procedure, with gastric bypass for morbid obesity; with short limb (150 cm or less) Roux-en-Y gastroenterostomy	43846	$13,500.00
01/01/2019	Gastric restrictive procedure, with gastric bypass for morbid obesity; with small intestine reconstruction to limit absorption	43847	$14,000.00
01/01/2019	Revision, open, of gastric restrictive procedure for morbid obesity, other than adjustable gastric restrictive device (separate procedure)	43848	$14,000.00
01/01/2019	Laparoscopy, surgical; cholecystectomy	47562	$4,488.37
01/01/2019	Laparoscopy, surgical; repair, ventral, umbilical, Spigelian or epigastric hernia (includes mesh insertion, when preformed); reducible incarcerated or strangulated	49653	$4,488.37
01/01/2019	Laparoscopy, surgical, repair incisional hernia (includes mesh insertion, when performed); reducible	49654	$7,600.00
01/01/2019	Endoscopic decompression of spinal cord, nerve root(s), including laminotomy, partial facetectomy, foraminotomy, discectomy and/or excision of herniated intervertebral disc, 1 interspace, lumbar	62380	$5,606.03

01/01/2019	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equine, without facetectomy, foraminotomy or discectomy (e.g. spinal stenosis), 1 or 2 vertebral segments; cervical	63001	$5,606.03
01/01/2019	Laminectomy with exploration and/or decompression of spinal cord and/or cauda equine, without facetectomy, foraminotomy or discectomy (e.g. spinal stenosis), more than 2 vertebral segments; cervical	63015	$5,606.03
01/01/2019	Laminectomy (hemilaminectomy) with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, cervical	63020	$5,606.03
01/01/2019	Laminectomy (hemilaminectomy) with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc; 1 interspace, lumbar	63030	$5,606.03
01/01/2019	Laminectomy (hemilaminectomy) with decompression of nerve root(s), including partial facetectomy, foraminotomy and/or excision of herniated intervertebral disc, reexploration, single interspace; lumbar	63042	$5,606.03
01/01/2019	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equine and/or nerve root[s], [e.g., spinal or lateral recess stenosis]) including partial and/or excision of herniated intervertebral disc; 1 interspace, cervical	63045	$5,606.03
01/01/2019	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equine and/or nerve root[s], [e.g., spinal or lateral recess stenosis]) including partial and/or excision of herniated intervertebral disc; 1 interspace, thoracic	63046	$5,606.03
01/01/2019	Laminectomy, facetectomy and foraminotomy (unilateral or bilateral with decompression of spinal cord, cauda equine and/or nerve root[s], [e.g., spinal or lateral recess stenosis]) including partial and/or excision of herniated intervertebral disc; 1 interspace, lumbar	63047	$5,606.03
01/01/2019	Discectomy, anterior, with decompression of spinal cord and/or nerve root(s), including osteophytectomy; cervical, single interspace	63075	$5,606.03
01/01/2019	Insertion or replacement of spinal neurostimulator pulse generator or receiver, direct or inductive coupling	63685	$27,899.86
01/01/2019	Repair or dural/cerebrospinal fluid leak, not requiring laminectomy	63707	$2,879.18
01/01/2019	Dural graft, spinal	63710	$2,879.18

5. No Public Hearing is scheduled for the access plan.

Summary of Public Comments Regarding the Department of Social Services Access Monitoring Review Plan and Public Hearing for Outpatient Hospital Services Reimbursement Methodology

August 28, 2018

Pursuant to Sections 1902(a) 13(A) of the Social Security Act, 42 Code of Federal Regulations (CFR) 447.205, and Section 11.730 of House Bill No. 2011, 99th General Assembly, Second Regular Session, mandate that proposed changes in statewide Medicaid payment methods and standards affecting hospital services be published and made available for review, comment, and public hearing. The Missouri Department of Social Services (DSS) and the MO HealthNet Division (MHD) received public comments from providers, hospital associations, Managed Care Organizations, and MO HealthNet participants.

Fiscal Impact Comments

COMMENT #1: Brian Kinkade, Vice President of Children's Health and Medicaid Advocacy, with Missouri Hospital Association (MHA), requests the MHD provide clear fiscal estimates referencing the differences in the fiscal estimates shown in the fiscal note accompanying the proposed amendment to 13 CSR 70-15.160, and the MHD public hearing notice. The public notice showed the proposed outpatient cuts as an estimated savings to be $66.5 million annually for the changes in certain outpatient procedures (i.e. bariatric and lumbar/spinal procedures), outpatient radiology procedures and telehealth originating fees, and references the outpatient pharmacy reimbursement is also changing. The rule's fiscal note estimated the aggregate cut to hospitals from the change in pharmacy reimbursement to be $35.7 million. The figure is different from the annualized savings estimated for the proposed amendment to the outpatient reimbursement rule. Based on these inconsistencies, affected providers cannot determine whether the projected savings from this action actually are $102.2 million, or whether the 66.5 million figure includes savings from reduced hospital reimbursements, making it impossible to ascertain the impact on operations.

RESPONSE: The MHD has changed the effective date, which changes the fiscal impact. The fiscal impact was derived from repricing historical utilization data. The MHD estimates a total savings of $66.5 million in expenditures as a result of this change.

The outpatient drug reimbursement will be determined by applying the following hierarchy methodology: National Average Drug Acquisition Cost (NADAC); if there is no NADAC, Missouri Maximum Allowed Cost (MAC) price; if there is no NADAC or MAC, Wholesale Acquisition Cost (WAC), or the Usual and Customary (U&C) charge submitted by the provider if it is lower than the chosen price (NADAC, MAC, or WAC). Outpatient drugs reimbursement for 340B providers will be reimbursed at WAC minus 49%. Based on this methodology, hospitals should be able to evaluate the fiscal impact.

To determine the fiscal impact, the MHD selected one (1) month of outpatient drug claims converting the Healthcare Common Procedure Coding System (HCPCS) J-codes units/quantities to National Drug Code (NDC) units/quantities, then repriced the claims using the reimbursement methodology explained above, and analyzed the savings from that month.

COMMENT #2: Brian Kinkade, Vice President of Children's Health and Medicaid Advocacy, with MHA, expresses that the MHD proposed reductions far exceed the total cost reductions adopted by the House and Senate in the FY 19 budget, and further discusses that to ensure a balanced budget, the General

Assembly enacted core reductions to Fee-For-Service (FFS) hospital appropriations for the current fiscal year by $28.7 million in total funds, and in so doing, the legislature rejected the executive branch's proposal to reduce hospital payments by $138 million. Therefore, the MHD proposed reductions far exceed the savings needed to balance the budget, but at between $66.5 million and $102.2 million, they effectively override the legislature's budget decisions, and the FY 19 budget crafted by the General Assembly reflects decisions arrived at through public debate, and should be honored as such. Such drastic changes to the Medicaid budget are properly vetted through the legislative process and by those with responsibility for passing the budget.

RESPONSE: The MHD is operating efficiently, effectively, and ensuring adequate access to the Medicaid program. The MHD is aligning reimbursement with Medicare and other payers. The MHD is in compliance with Section 11.730 of House Bill No. 2011, 99th General Assembly, Second Regular Session, by engaging stakeholders through a public hearing and determining the Federal Reimbursement Allowance (FRA) for the suggested changes in the payment methodology for Medicaid hospital services for fiscal year 2019. The MHD in conjunction with the General Assembly ensures transparency in decision making process. When there are changes effecting hospitals, there will be adequate and ample notification to affected parties, especially hospitals.

COMMENT #3: Brian Kinkade, Vice President of Children's Health and Medicaid Advocacy, with MHA, expresses that the MHD's changes in outpatient reimbursement will impact the Federal Reimbursement Allowance (FRA)**.** In June 2018, the MHA staff worked with the MHD staff to establish the correct assessment percentage in the FRA schedule for SFY 2019 based on an annualized savings estimate of $53.7 million in the fiscal note of the proposed amendment to the outpatient reimbursement rule. The MHD public hearing notice reports estimated savings to be at least $66.5 million annually, and suggests there may be a change in the outpatient drug reimbursement methodology as well. Because this amount is different from the annualized savings estimate, the assessment on hospitals likely is overstated. The commenter expressed that there are negative consequences of MHD's rate cutting actions on the FRA, given the FRA is far and away the most successful General Revenue (GR)-saving, federal-revenue maximizing funding strategy the state of Missouri has ever, or will ever implement.

RESPONSE: The MHD did prorate adjustments for the FRA portion of outpatient reimbursement changes for purposes of setting the SFY 19 FRA tax rate. The MHD will take this into consideration for future years as well. The MHD has changed the effective date, which changes the fiscal impact. The fiscal impact was derived from repricing historical utilization data. The MHD estimates a total savings of $66.5 million in expenditures as a result of this change.

Outpatient Drug Comments

COMMENT #4: Brian Kinkade, Vice President of Children's Health and Medicaid Advocacy, with MHA, expresses that the MHD's recommended cuts to 340B pharmacy reimbursement are repugnant to the fundamental philosophy of the 340B program. Congress passed the 340B program to help stretch the scarce resources of health care providers that care for large numbers of low-income and uninsured patients by allowing them to purchase drugs at reduced cost. Those savings are used to enhance existing or fund new services for those individuals who most need financial assistance to access necessary care. Ultimately, cuts to the 340B program will cost the MHD money, as Medicaid beneficiaries either seek replacement services through the Medicaid program or suffer diminished health status and require

more care. The very essence of the 340B program is undermined if the state usurps the savings that are intended to shore-up the health care safety net.

RESPONSE: The MHD Medicaid FFS payments comply with the access standards in Section 1902(1) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD continually monitors for access and has an infrastructure established to monitor for access. The participant data is closely monitored to assess the number of participants in each category of assistance. The MHD continually monitors the provider enrollment data to demonstrate the number of providers available in each county.

COMMENT# 5: Tim Wolters, Director of Reimbursement, with Citizens Memorial Hospital (CMH); and Katie Hodges, Payer Analysis, Medicaid Team Lead, with Parallon Business Performance Group, requests clarification how to perform calculations for the applicable drugs and requests the MHD to publish the fee schedule listing the final fee payments and the WAC sources for all the WAC prices and publish the comprehensive list for all of those.

RESPONSE: The outpatient drug reimbursement will be determined by applying the following hierarchy methodology: National Average Drug Acquisition Cost (NADAC); if there is no NADAC, Missouri Maximum Allowed Cost (MAC) price; if there is no NADAC or MAC, Wholesale Acquisition Cost (WAC), or the Usual and Customary (U&C) charge submitted by the provider if it is lower than the chosen price (NADAC, MAC, or WAC). Outpatient drugs reimbursement for 340B providers will be reimbursed at WAC minus 49%. Based on this methodology, hospitals should be able to evaluate the fiscal impact.

The MHD does not publish a retail pharmacy fee schedule. The NADAC is published on the CMS website available at https://data.medicaid.gov/Drug-Pricing-and-Payment/NADAC-National-Average-Drug-Acquisition-Cost-/a4y5-998d. The MAC is published on the MHD website available at https://dss.mo.gov/mhd/cs/pharmacy/pages/mac.htm. The WAC is available from the hospital's wholesaler or distributor.

Comment #6: Pat Dillon, VP Advocacy and Government Relations, with Mosaic Life Care, express that the MHD's reimbursement proposed change will force Mosaic Life Care to "carve out" their physician administered drug claims for Missouri Medicaid. Mosaic Life Care participates in the 340B Drug Discount Program as a Sole Community Hospital and Northwest Medical Center participates as a Critical Access Hospital. Both entities are subject to the Orphan Drug Exclusion outlined in the Affordable Care Act. The majority of high dollar specialty drugs is designated as Orphan Drugs and is exempt from the 340B pricing. This results in Mosaic Life Care purchasing the drugs at WAC, because the drug manufacturers do not offer discounts on these drugs. The commenter express that the reimbursement as a percentage of charges to offset any loss of discount on these drugs currently received will go away with the proposed reduction to WAC – 49%, and will no longer be able to capture savings under the proposal from their other non-Orphan 340B drugs. The result is our most vulnerable patients will suffer and costs for the MHD will increase through replacement services. Studies have shown that 340B drug prices are lower than manufacturer rebates, so we propose that a shared savings arrangement between the MHD and 340B entities would be a better solution than an across the board percentage off of WAC.

RESPONSE: The MHD Medicaid FFS payments comply with the access standards in Section 1902(1) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD continually monitors for access and has an infrastructure established to monitor for access. The

participant data is closely monitored to assess the number of participants in each category of assistance. The MHD continually monitors the provider enrollment data to demonstrate the number of providers available in each county. The 340B entities have the option of carving in or carving out for Medicaid.

COMMENT #7: Paula Littleton, Director Budget and Reimbursement, with University of Missouri Health Care, requests that the MHD reconsider the outpatient drug reimbursement proposal of WAC minus 49% and that this is a drastic cut that does not benefit Missouri facilities and patients. Please consider pending this for further review and analysis to ensure patients and hospitals are not put at risk. More options need to be vetted; WAC minus 49% is too drastic.

RESPONSE: The MHD Medicaid FFS payments comply with the access standards in Section 1902(1) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD continually monitors for access and has an infrastructure established to monitor for access. The participant data is closely monitored to assess the number of participants in each category of assistance. The MHD continually monitors the provider enrollment data to demonstrate the number of providers available in each county. The 340B entities have the option of carving in or carving out for Medicaid.

Radiology Comments

COMMENT #8: Brian Kinkade, Vice President of Children's Health and Medicaid Advocacy, with MHA, expresses that the MHD's proposed reduction in radiology reimbursement disregards hospitals' costs to provide the service. The MHD's radiology rate is based on the Medicare physician fee schedule, and this fee schedule reflects the cost of service delivered in a clinic or office setting, and not in a hospital setting. If the Medicare fee schedule sets a fair reimbursement for radiology services delivered in physicians' offices, the same rate paid to a hospital will fall short of the hospital's cost to deliver the service, and setting the reimbursement rate at 90 percent of the Medicare rate exacerbates the disparity.

RESPONSE: Effective January 1, 2019, the MHD will reduce reimbursement rates for the technical component of the hospitals providing radiology procedures from 125% of the Medicare rate to 90% of the most current Medicare allowable radiology rate. The rate change only affects hospitals billing the technical component for radiology services and does not affect the physician or professional component reimbursement. The hospitals radiology reimbursement will be updated annually to reflect the most current 90% of the Medicare allowable radiology rates.

COMMENT #9: Paula Littleton, Director Budget and Reimbursement, with University of Missouri Health Care, The payment reduction to hospitals from 125% of the Medicare allowed amount to 90% of the Medicare allowed amount is a concern for University of Missouri Health Care in regards to the Outpatient Radiology services. The reduction jeopardizes hospitals across the State with their ability to serve patients cost effectively; risking patients access to adequate care. Medicare rates are calculated to cover costs, reducing rates to 90% does not cover costs.

RESPONSE: Effective January 1, 2019, the MHD will reduce reimbursement rates for the technical component of the hospitals providing radiology procedures from 125% of the Medicare rate to 90% of the most current Medicare allowable radiology rate. The rate change only affects hospitals billing the technical component for radiology services and does not affect the physician or professional component

reimbursement. The hospitals radiology reimbursement will be updated annually to reflect the most current 90% of the Medicare allowable radiology rates.

Managed Care Comments

COMMENT #10: Brian Kinkade, Vice President of Children's Health and Medicaid Advocacy, with MHA, requests that the MHD account for the changes in the managed care program that proceed from its change in FFS reimbursement. As a rule, Medicaid managed care plans base their FFS outpatient reimbursement on the MHD's fee schedules or reimbursement policies. When the MHD cuts outpatient radiology reimbursement, most hospitals will receive a commensurate reduction under their managed care provider agreements as well. By failing to account for this fact, the MHD's savings estimates significantly are under reported.

RESPONSE: The Managed Care Organizations are not required to follow the FFS reimbursement structure or levels for these services and have flexibility in contracting. The MHD works with an independent actuary to assist with review of financial data and cost reviews. The MHD reviews programs across the national landscape and locally with all payers and determines policies and rate setting based on all factors.

Outpatient Hospital Comments

COMMENT #11: Jennifer Keith, Manager Financial Analysis, with SLUCare Physician Group, requests clarification regarding if the outpatient hospital services reimbursement applies to all provider types or specifically just hospitals, describing their agency as a large physician practice which does bill at the outpatient hospital setting, and are trying to determine if this applies them.

RESPONSE: These changes only apply to outpatient hospitals services.

COMMENT #12: David Waldman, Doctor, with Patient First in Leawood Kansas; and Phillip Harness, CEO of Doctors Hospitals, LLC, requests clarification as to whether the proposed amendment affects the current reimbursement methodology for out-of-state hospitals set forth in 13 CSR 70-15.190.

RESPONSE: The outpatient hospital services reimbursement methodology does apply to out-of-state hospitals. 13 CSR 70-1.190 defines out-of-state hospitals and accordingly it also subjects out-of-state hospitals to the outpatient reimbursement rate computation as calculated for Missouri hospitals at 13 CSR 70-15.160.

COMMENT #13: Russ Oppenborn, Sr. Director State Regulatory Affairs, with Missouri Care, requests confirmation that the 50 outpatient procedures are claim level payments and not line level.

RESPONSE: The outpatient claims reimburse at the line level for each code; therefore, the 50 procedures will be reimbursed on the line level of the claim, and the rate for each procedure code includes facility and supply charges.

COMMENT # 14: Paula Littleton, Director Budget and Reimbursement, with University of Missouri Health Care, expresses that moving outpatient surgical procedure codes to a fee schedule amount to reduce the out of state reimbursement is reasonable. However, the surgical procedure transition needs

to be timely vetted for impact to Missouri hospitals. The codes on the list should not be a moving target, subject to change within a moment's notice with an approach of impending change(s) at any given time throughout the year.

RESPONSE: Effective January 1, 2019, the MHD will update certain outpatient surgical procedures to be reimbursed on a fee schedule instead of a percentage of the agency's billed charges. The MHD in conjunction with the General Assembly ensures transparency in the decision making process. When there are changes effecting hospitals, there will be adequate notification to affected parties, including hospitals.

Access Comments

COMMENT #15: Tim Walters, Director of Reimbursement, with CMH, requests that the MHD reconsider the level of cuts because rural areas cannot survive with these kinds of cuts, with the Medicare cuts and lack of Medicaid expansion and the level of cuts are just too extreme right now; the rural hospitals cannot make up for the magnitude of cuts, and that the hospitals do not have enough commercial volume to make up for the magnitude of cuts like this.

RESPONSE: The MHD is operating efficiently, effectively, and ensuring adequate access to the Medicaid program. The MHD is aligning reimbursement with Medicare and other payers. The MHD continually monitors for access and has an infrastructure established to monitor for access. The participant data is closely monitored to assess the number of participants in each category of assistance. The MHD continually monitors the provider enrollment data to demonstrate the number of providers available in each county.

COMMENT #16: Many participant commenters request that the MHD do not pass the proposed reductions in reimbursement. The commenters are concerned about the payment reductions and how that will affect their health care and expresses that it has been difficult or impossible to find providers, including hospitals that accept MO HealthNet. The commenters express that they were told that the costs associated with health care supplies, salaries, and general overhead are rising and are concerned that the facilities where they receive care will no longer be able to care for them.

RESPONSE: MO HealthNet participants should contact the Participant Services Unit at 1-800-392-2161 for assistance. The Participant Services Unit will help the participant in locating a provider in their area to provide care of covered services. The participant may also go to the Participant Services website at https://dss.mo.gov/mhd/participants/fee-for-service/, to Find Provider who accepts MO HealthNet.

The MHD is aligning reimbursement with Medicare and other payers. The MHD Medicaid FFS payments comply with the access standards in Section 1902(1) (30) (A) of the Social Security Act and ensures efficiency, economy, quality of care, and access. The MHD continually monitors for access and has an infrastructure established to monitor for access. The participant data is closely monitored to assess the number of participants in each category of assistance. The MHD continually monitors the provider enrollment data to demonstrate the number of providers available in each county.