


KANSASWORKS State Board

Health Care Workforce Partnership

Data Workgroup



Data Sources Received to date


1. KHPA Overview
 2. KS Primary Care ARNP – 2009
 3. KS Primary Care PA – 2008
 4. KS Primary Care Physicians – 2009
 5. KS Primary Care Underserved Areas Report – 2010
 6. Kansas Physicians Workforce Report - 2007
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1st Data Source

KHPA Overview

KHPA has monthly data for January 2005
through September 2009

Collected for 67 medical/health care professions
by 8 Kansas Licensing boards



Data Collection – Return Rate

2008

MDs	60.2%
DOs	94.0%
PAs	96.6%
ARNPs	23.3%
Dentists	97.3%

2007

Dental Hygienists	96.6%
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Barriers to the return rate?



2nd Data Source

Kansas ARNP Primary
Care Report

FTEs by County
2009



Primary Care. Primary care ARNPs are defined as those individuals practicing in one or more of the following specialties AND one or more of the following work settings:


Specialties	Work Settings
Adult	Federally qualified health center
Adult/Medical-Surgical	Free standing clinic
Adult Mental Health/Psychiatry	Individual practitioner office
Child Mental Health/Psychiatry	Local health department
Community Health	Partnership/group practice office
Emergency	Rural health clinic
Family Planning	School clinic service environment
Family	Community mental health center
Gerontology	
Gynecology	
Maternal Child	
Maternity/pediatrics	
Medical Surgical	
Mental Health/Psychiatric	
Obstetrics and Gynecology	
Prenatal	
Primary Care	
Women's Health	

ARNP FTE Summary

County	Total ARNP Count (Duplicated)	Primary Care ARNP Count (Duplicated)	Primary Care FTE Totals	Percent Primary Care (C/B)	2008 Estimated Population	2008 Adjusted* Population	Percent Population <=100% FPL**	Percent Population <=200% FPL**	Population to FTE ARNP Ratio (G/D)
TOTALS	969	411	270.44	42.4%	2,802,134	2,720,184			10,058

3rd Data Source

Kansas Physician
Assistant Primary Care
Report
FTE's by county
2008



Kansas Physician Assistant Primary Care

- **Primary Care.** Primary care physician assistants are defined as those individuals practicing in one or more of the following specialties AND one or more of the following work settings:

Specialties	Worksettings
Family/General Medicine	Self-Employed, Solo Practice
OB/GYN	Physician Partnership or Group Practice
General Internal Medicine (IM)	Community/General Hospital
General Pediatrics	Medical School/Teaching Hospital
	Rural Health Clinic
	Federally Qualified Health Center
	Local Health Department
	Free Standing Clinic

Primary Care Physician Assistant FTE Summary by County - 2008

County	Total Phys. Asst. Count (Duplicated)	Primary Care Phys. Asst. Count (Duplicated)	Primary Care FTE Totals	Percent Primary Care (C/B)	2008 Estimated Population	2008 Adjusted Population	Percent Population <= 100% FPL*	Percent Population <= 200% FPL*	Population to FTE Phys. Asst. Ratio (G/D)**
STATEWIDE	494	237	175.71	48%	2,802,134	2,720,184	10.9	32.8	15,481

4th Data Source

Kansas Physician Primary
Care Report

FTE's per county
2009



Kansas Primary Care Physician

Primary Care. Primary care physicians are defined as those individuals practicing in one or more of the following specialties AND one or more of the following work settings:

Specialties	Worksettings
Adolescent Medicine	Federally Qualified Health Center
Family Practice	Free Standing Clinic
General Practice	General Hospital
Internal Medicine	Self-Employed, Solo Practice
Obstetrics	Local Health Department
Obstetrics/Gynecology	Partnership/Group Practice Office
Pediatrics	Rural Health Clinic
	Medical School/Teaching Hospital

Primary Care Physician FTE Summary by County - 2009

County	Total Physician Count (Duplicated)	Primary Care Physician Count (Duplicated)	Primary Care FTE Totals	Percent Primary Care (C/B)	2009 Estimated Population	2009 Adjusted Population	Percent Population <= 100% FPL*	Percent Population <= 200% FPL*	Population to FTE Physician Ratio (G/D)**
STATEWIDE	5,144	2,333	1,595.49	45%	2,818,747	2,736,797	10.9	32.8	1,715


5th Data Source

**PRIMARY CARE
HEALTH PROFESSIONAL
UNDERSERVED AREAS
REPORT
Kansas 2010**



HEALTH PROFESSIONAL SHORTAGE AREAS (HPSAS)

A health professional shortage area (HPSA) means any of the following which the Secretary determines has a shortage of health professional(s):

- (1) An urban or rural area which is a rational service area;
 - (2) a population group;
 - (3) a public or nonprofit private medical facility.
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GOVERNOR-DESIGNATED MEDICALLY UNDERSERVED AREAS

Fewer than **37.1** physicians/100,000 is considered underserved in rural Kansas.

Allen	Ellsworth	Lincoln	Rice
Anderson	Franklin	Linn	Rooks
Barber	Geary	Marion	Rush
Chase	Graham	Meade	Sheridan
Chautauqua	Gray	Miami	Stafford
Cherokee	Hamilton	Morris	Stanton
Cheyenne	Haskell	Norton	Stevens
Clark	Hodgeman	Osage	Thomas
Cloud	Jefferson	Osborne	Wabaunsee
Comanche	Jewell	Ottawa	Wallace
Decatur	Kearny	Phillips	Washington
Doniphan	Kingman	Pratt	Woodson
Edwards	Kiowa	Rawlins	
Elk	Lane	Republic	


6th Data Source

Kansas Physicians
Workforce Report
2007



In early 2005, the University of Kansas School of Medicine (KUSOM) was approached by representatives of the Kansas Academy of Family Physicians (KAFFP) to discuss Kansas' future primary care physician workforce. The School had been considering studies by the American Association of Medical Colleges (AAMC) and the Council on Graduate Medical Education (COGME) calling for increases in medical school class size and graduate medical education (residencies and fellowships). Representatives of the Kansas Department of Health and Environment (KDHE) had also been in contact with the School concerning the availability of physicians and access to health care across the state.

Kansas has
203 physicians
for every 100,000 residents
versus the national average
of **246** physicians



Primary Study Findings

- Kansas is currently below the National State Average for physicians per 100,000 ratio.
- Kansas has a mal-distribution of physicians per 100,000 ratio in its six geographic regions, with under service prominent in rural regions (especially SE and SW regions).
- This mal-distribution cannot be addressed without simultaneous attention to Primary Care workforce development. Primary Care physicians (Family Medicine, General Internal Medicine, Pediatrics) are the only physicians that geographically distribute their practice locales in line with where people live (e.g. rural, urban care).
- While the state's physician supply will increase over the next two decades, Kansas will likely remain behind most other states due to demand trends and expansion plans elsewhere.

Data barriers?

Data still needed?