

Telehealth in Serbia & Missouri

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June, 2013

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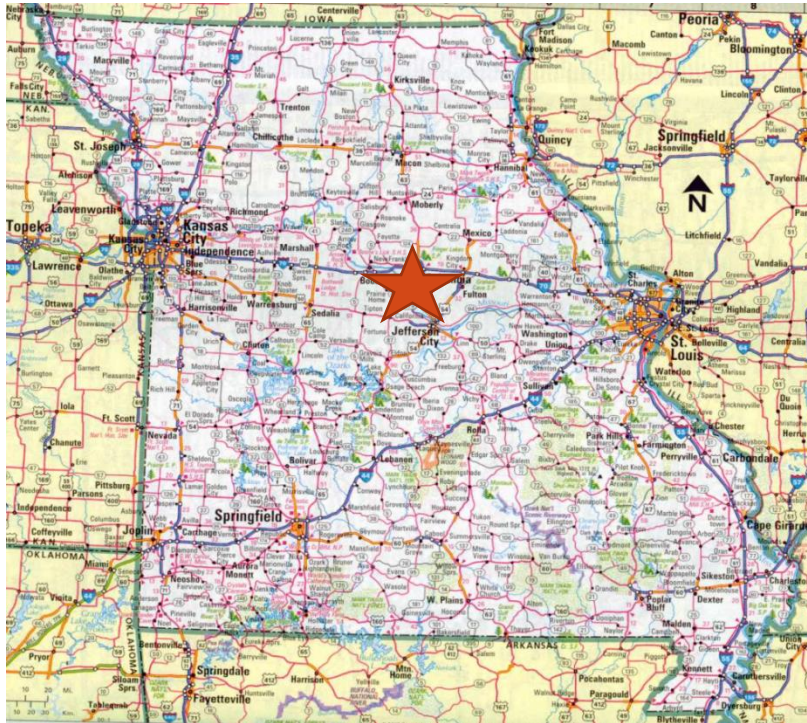
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Medical Director, Missouri Telehealth Network
Director, Center for Health Policy
University of Missouri

Comparison



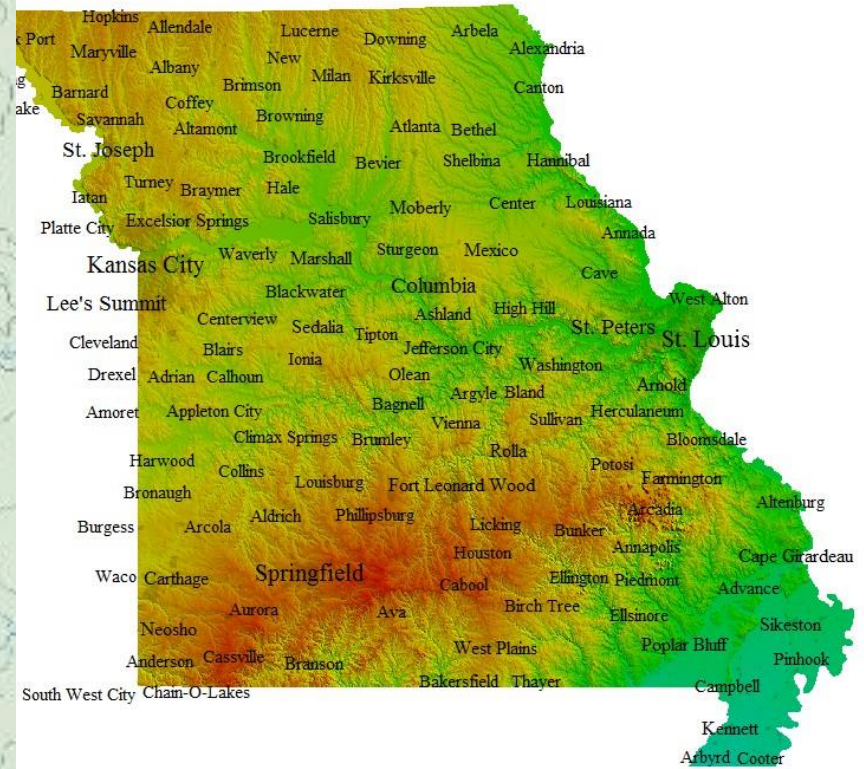
Land Mass

Missouri – 178,038 sq km

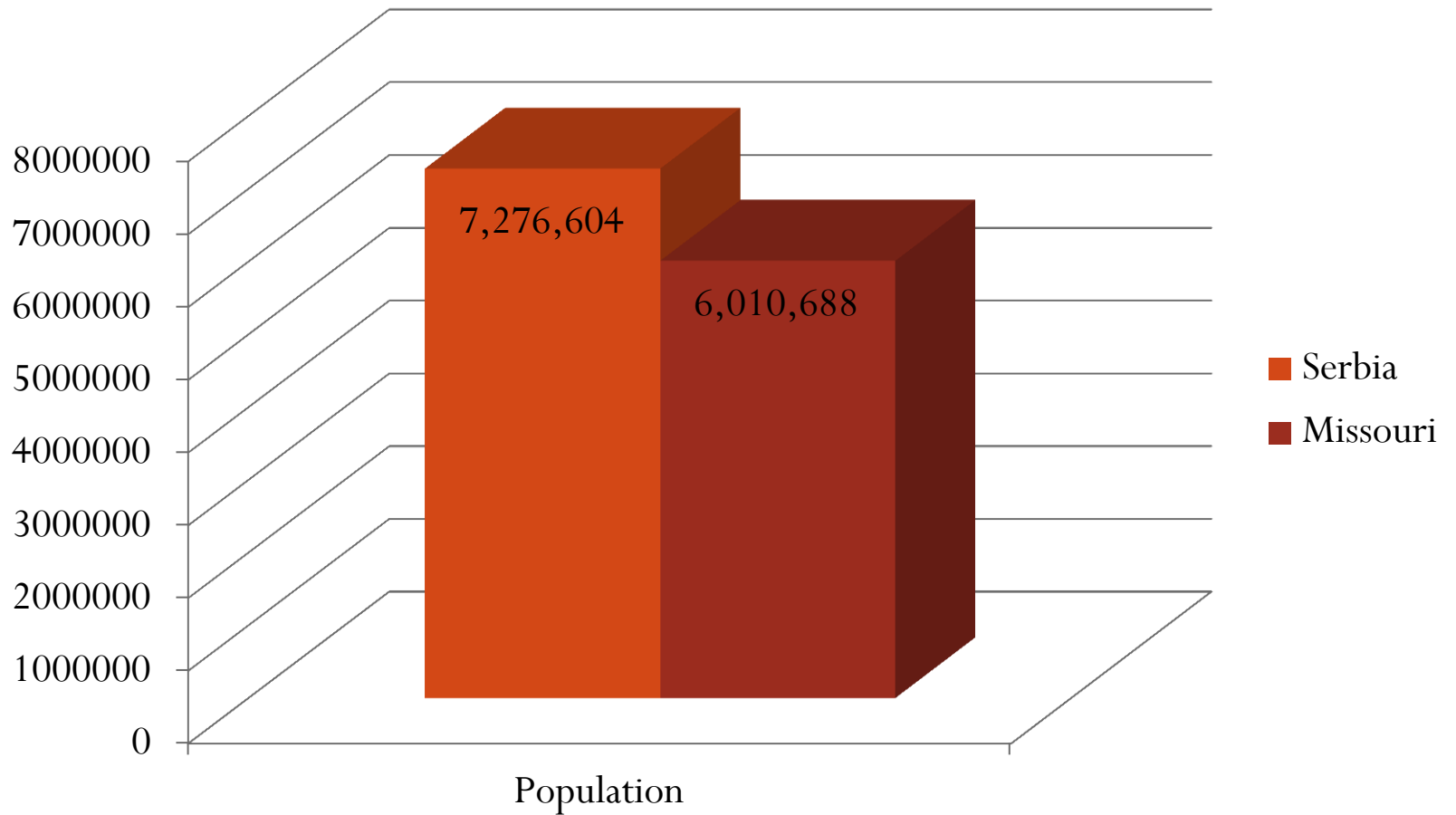


Serbia- 87,460 sq km



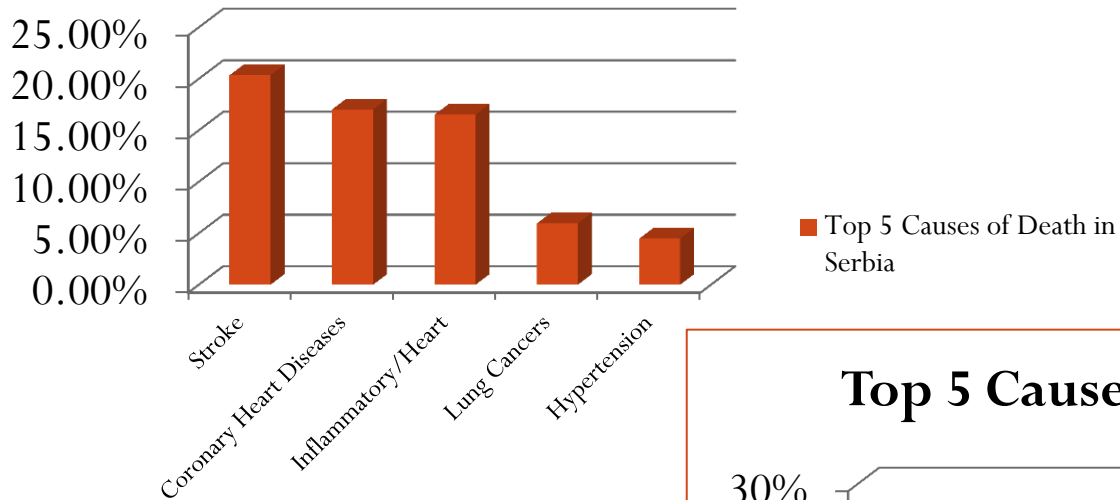


Population

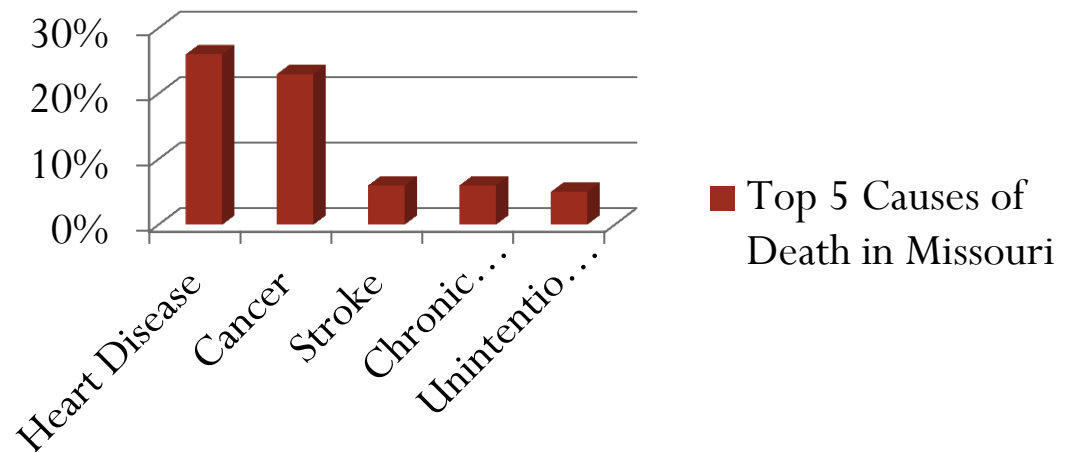


Causes of Death

Top 5 Causes of Death in Serbia



Top 5 Causes of Death in Missouri



Physicians per population

- Serbia – 21 per 10,000 persons
- Missouri – 24 per 10,000 persons

What is telehealth?

Telehealth includes telemedicine & other uses for electronic communications technologies.

- Patient Care
- Health professions education
- Disaster preparedness & response
- Public health
- Administrative meetings
- Research

What is telemedicine?

Clinical care provided from a distance

Primary care

Medical Specialties

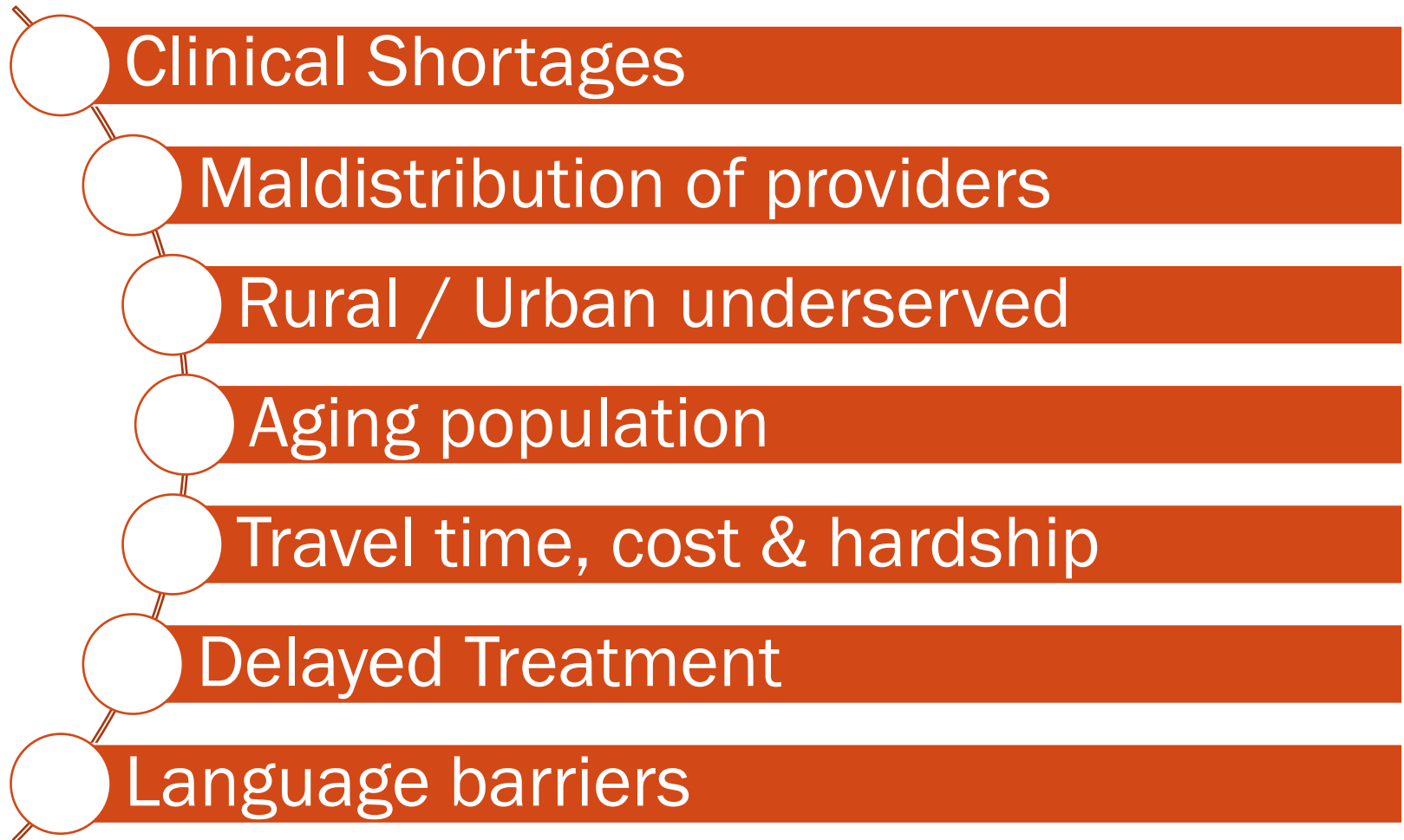
Intensive Care

Emergency Departments

Home care- monitoring



Why Telehealth?

- 
- Clinical Shortages
 - Maldistribution of providers
 - Rural / Urban underserved
 - Aging population
 - Travel time, cost & hardship
 - Delayed Treatment
 - Language barriers

Rural Populations

- Nearly one-third of Missouri's population lives in rural areas
- In comparison with urban Missourians, rural residents have
 - Higher poverty rates
 - A larger percentage of elderly
 - Tend to be in poorer health
 - Have fewer physicians, hospitals, and other health resources
 - Face more difficulty getting to health services

MTN 1995

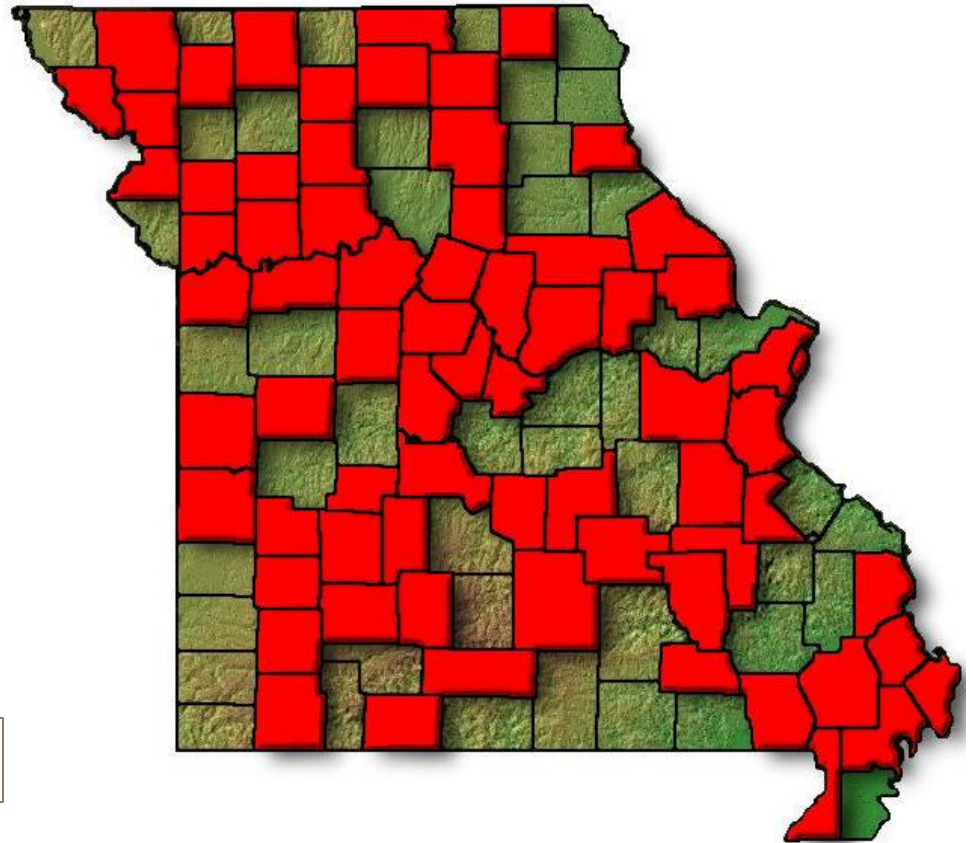


MTN Sites

Over 200 endpoints
In 70 counties

FY2012 26,561
clinical encounters
In 28 specialties

Red = counties with existing sites

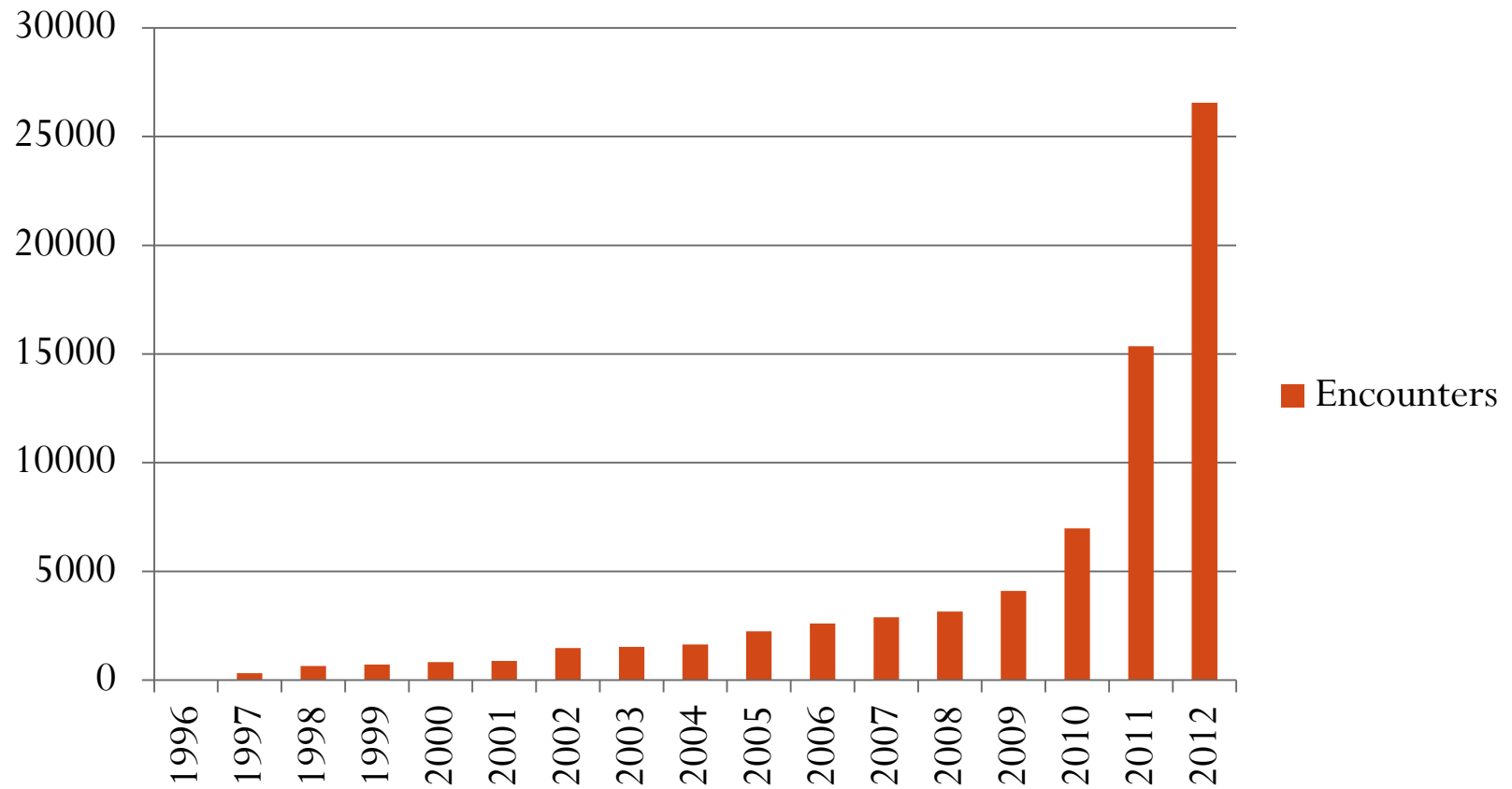


Types of Locations

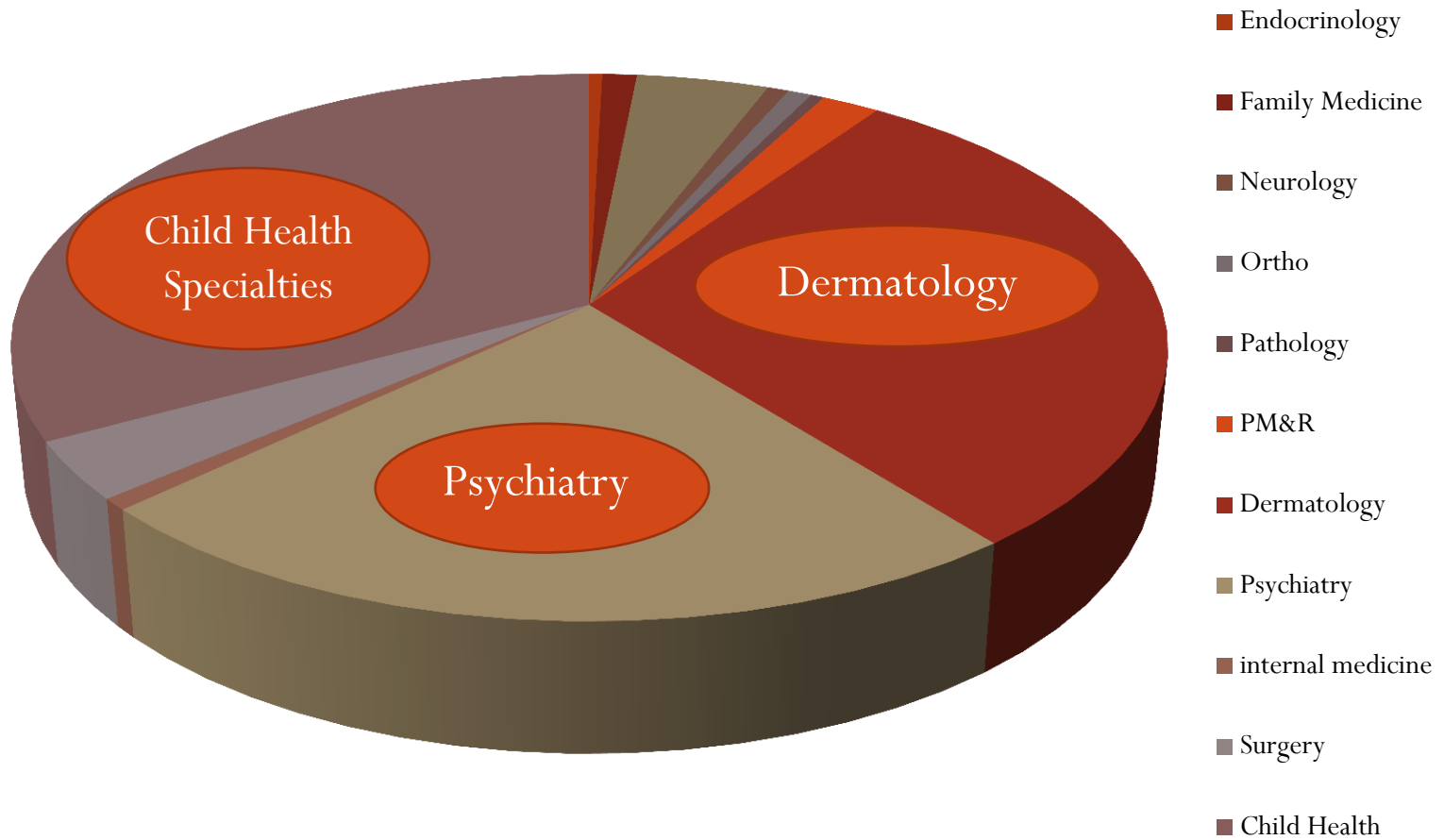
- | | |
|--|---|
| <ul style="list-style-type: none">● Hospitals● Federally Qualified Health Care Centers● Community Mental Health Centers● Specialty Medical Clinics● Rural Health Clinics● Cancer Hospital | <ul style="list-style-type: none">● Army Hospital● Rehabilitation Hospitals● Schools of Medicine● Nursing Home● State Health Facilities● School of Nursing● School of Health Professions● Urgent Care Clinic |
|--|---|

Growth of MTN Clinical Telehealth

Encounters



Telehealth at UMHS



Telehealth Specialties at UMHS

- Psychiatry- adult & pediatric
- Dermatology- adult & pediatric
- Radiology
- Neurology
- Surgery- orthopedic, vascular, oncology
- ENT
- Rheumatology
- Gastroenterology
- Endocrinology
- Autism
- Genetics
- Burn & Wound
- Trauma
- Ethics Consultation
- Pathology
- Cardiology

Live interactive telemedicine



Lessons Learned

Telemedicine is simply a tool used to deliver health care at a distance



Use the experts!



It must be integrated into the everyday way health care providers practice

Successful telehealth programs realize that:

**People are more
important than technology
and change is hard,
especially for clinicians.**