



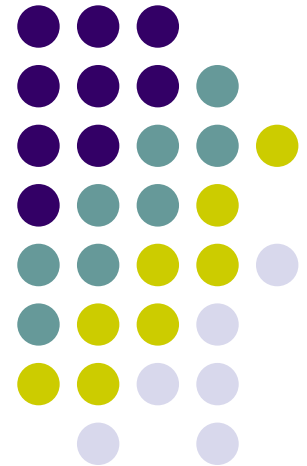
# Health Care Utilization Patterns in North Carolina

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State Health Coordinating Council

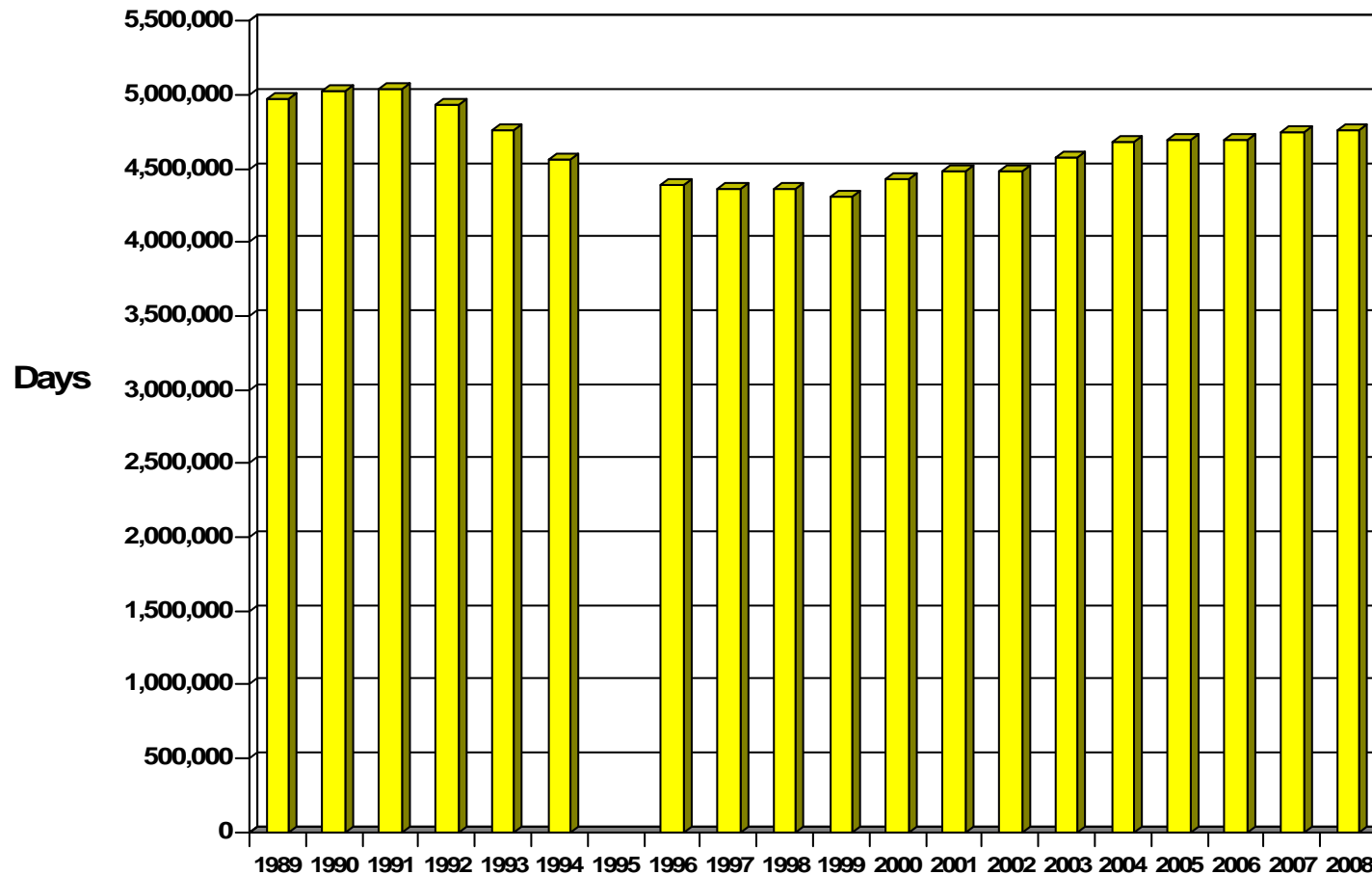
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Professor of the Practice, Health Policy & Management  
Senior Research Fellow,  
Sheps Center for Health Services Research  
University of North Carolina at Chapel Hill

March 24, 2010



# Total Acute Care Hospital Days

1989-2008

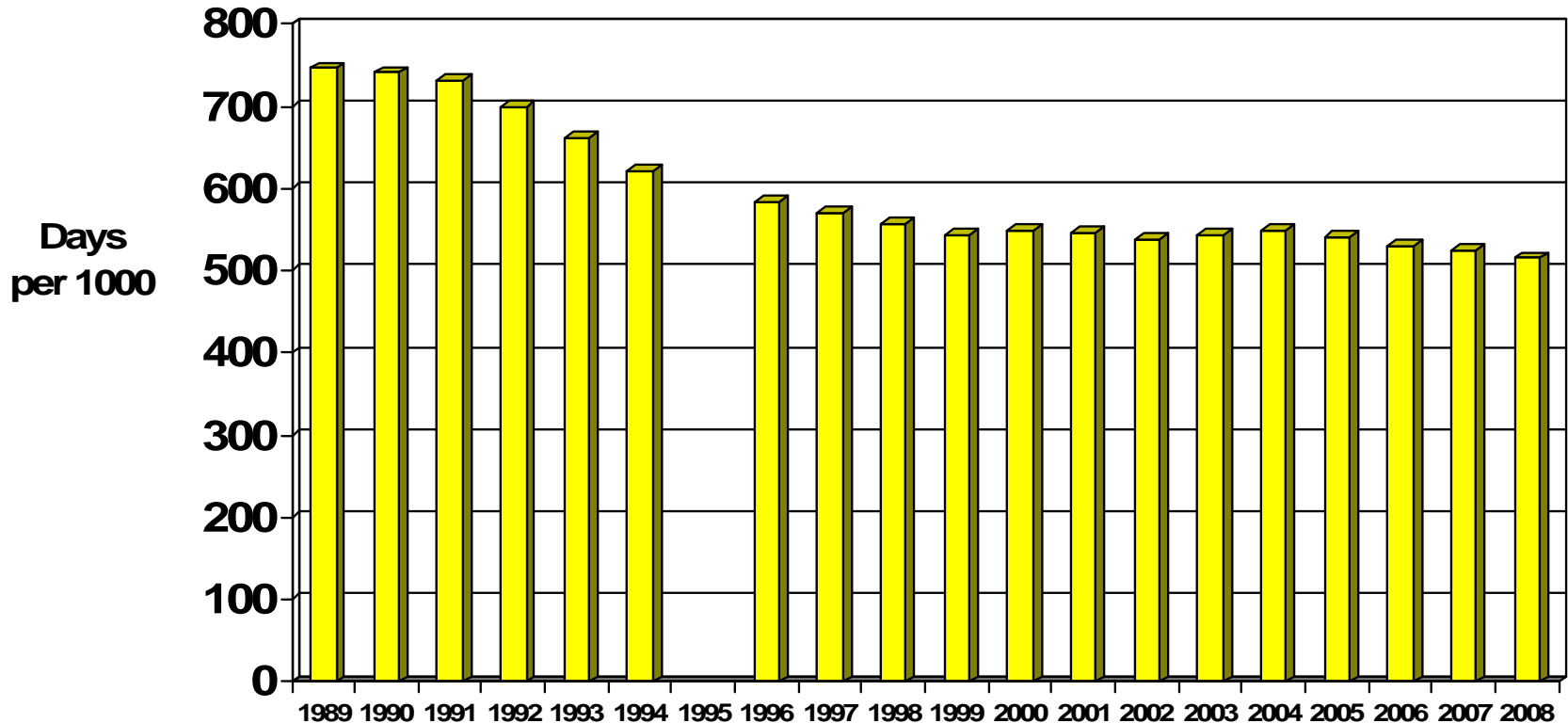


Sources: Discharge data from Thomson Reuters, FY 1996-2008; Medical Database Commission FY 1989-1994. Population data from NC Office of State Planning. Notes: No hospital data available for 1995. Total admissions to psychiatric, rehabilitation and substance abuse facilities have been removed. Normal newborn admissions have also been removed.



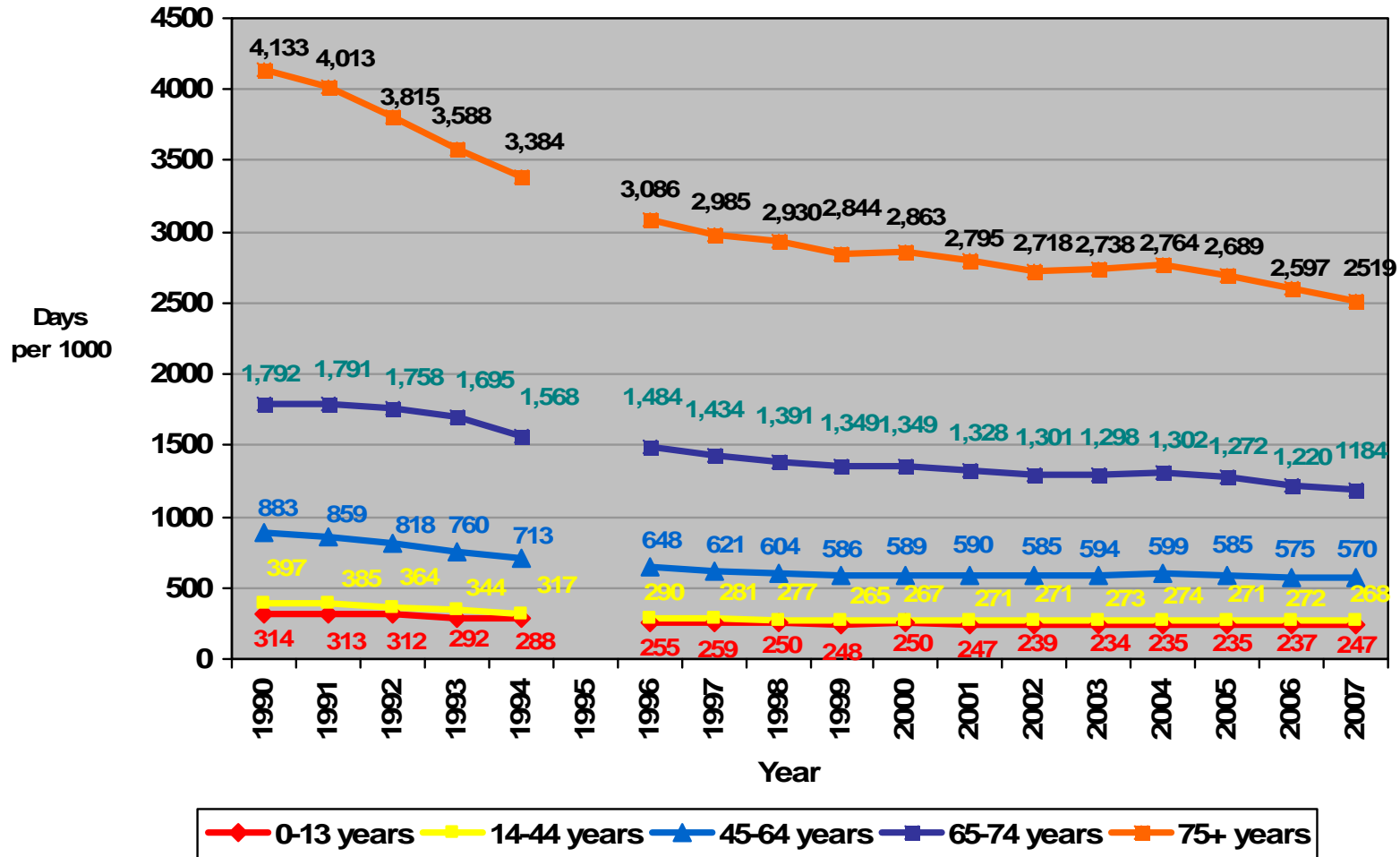
# Acute Care Hospital Days per 1,000 Persons

1989-2008



Sources: Discharge data from Thomson Reuters, FY 1996-2008; Medical Database Commission FY 1989-1994. Population data from NC Office of State Planning. Notes: No hospital data available for 1995. Total admissions to psychiatric, rehabilitation and substance abuse facilities have been removed. Normal newborn admissions have also been removed.

# Acute Care Hospital Days per 1,000 Persons by Age Group, 1989-2007

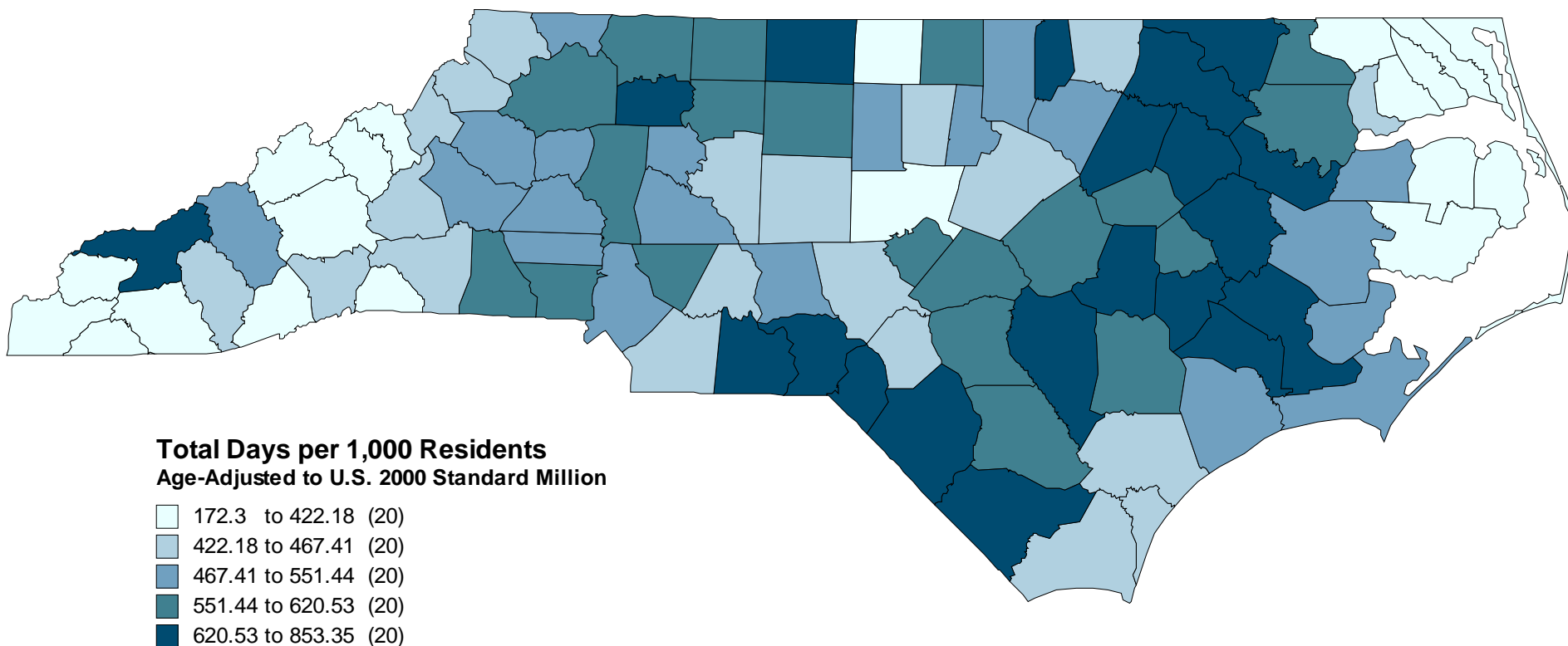


Sources: Discharge data from Thomson Reuters, FY 1996-2007; Medical Database Commission FY 1989-1994. Population data from NC Office of State Planning. Notes: No hospital data available for 1995. Total admissions to psychiatric, rehabilitation and substance abuse facilities have been removed. Normal newborn admissions (DRG 391) have also been removed.



# Total Hospital Days per 1,000 Residents

Residents Discharged from North Carolina Hospitals: October 1, 2006 to September 30, 2007



Note: Discharges from Psychiatric, Rehabilitation, Long Term Care, and Substance Abuse Treatment Facilities are not included.  
Normal new born discharges (DRG 391) excluded.

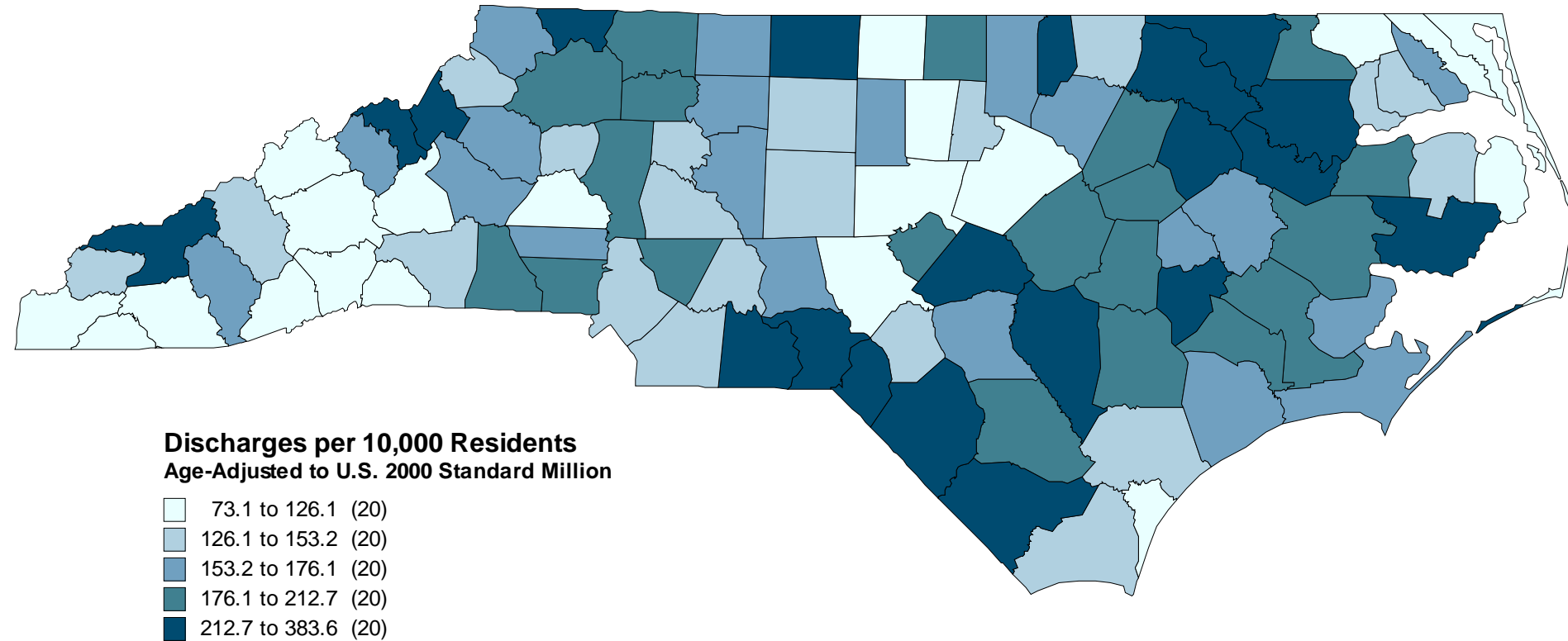
Source: Thomson Healthcare North Carolina Hospital Discharge Data, Fiscal Year 2007.

Produced By: Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.



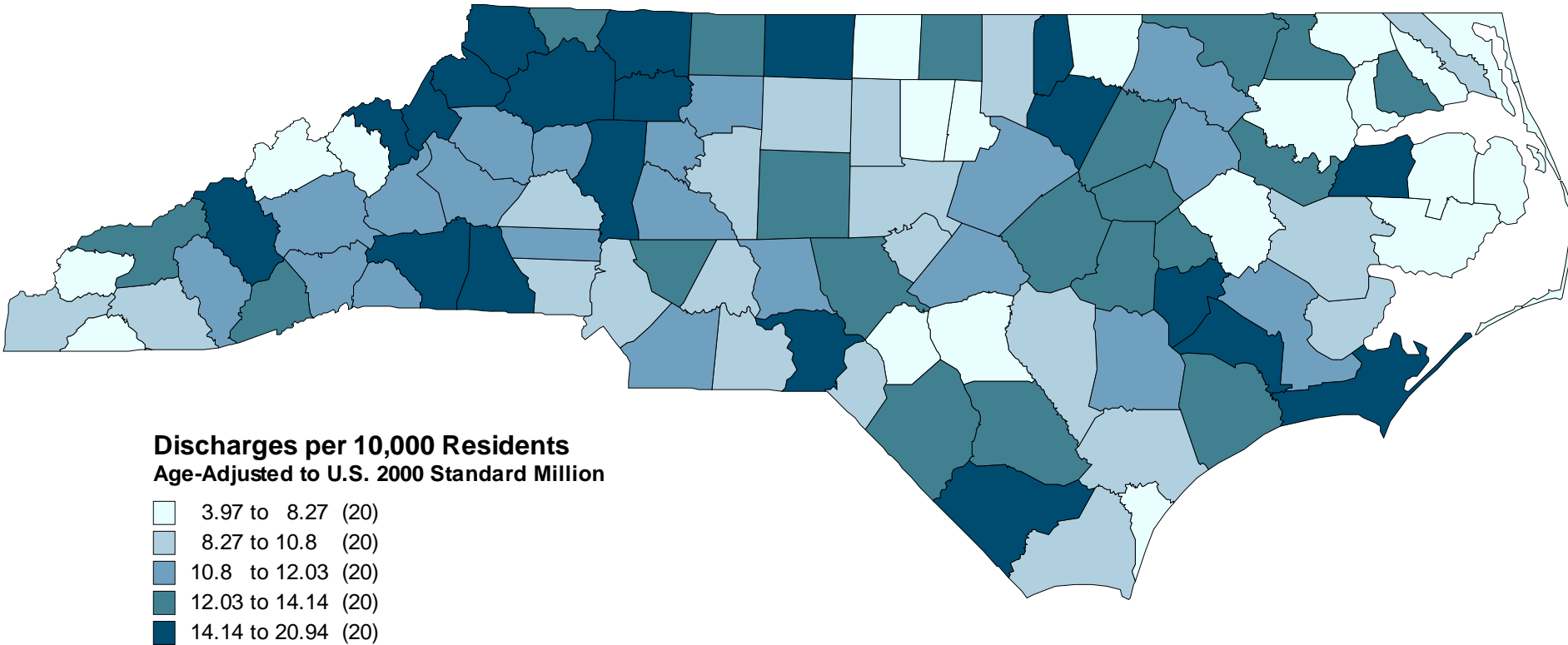
# Hospital Discharges for Ambulatory Care Sensitive Conditions per 10,000 Residents

Residents Discharged from North Carolina Hospitals: October 1, 2006 to September 30, 2007



# Hospital Discharges for Cholecystectomies per 10,000 Residents

Residents Discharged from North Carolina Hospitals: October 1, 2006 to September 30, 2007



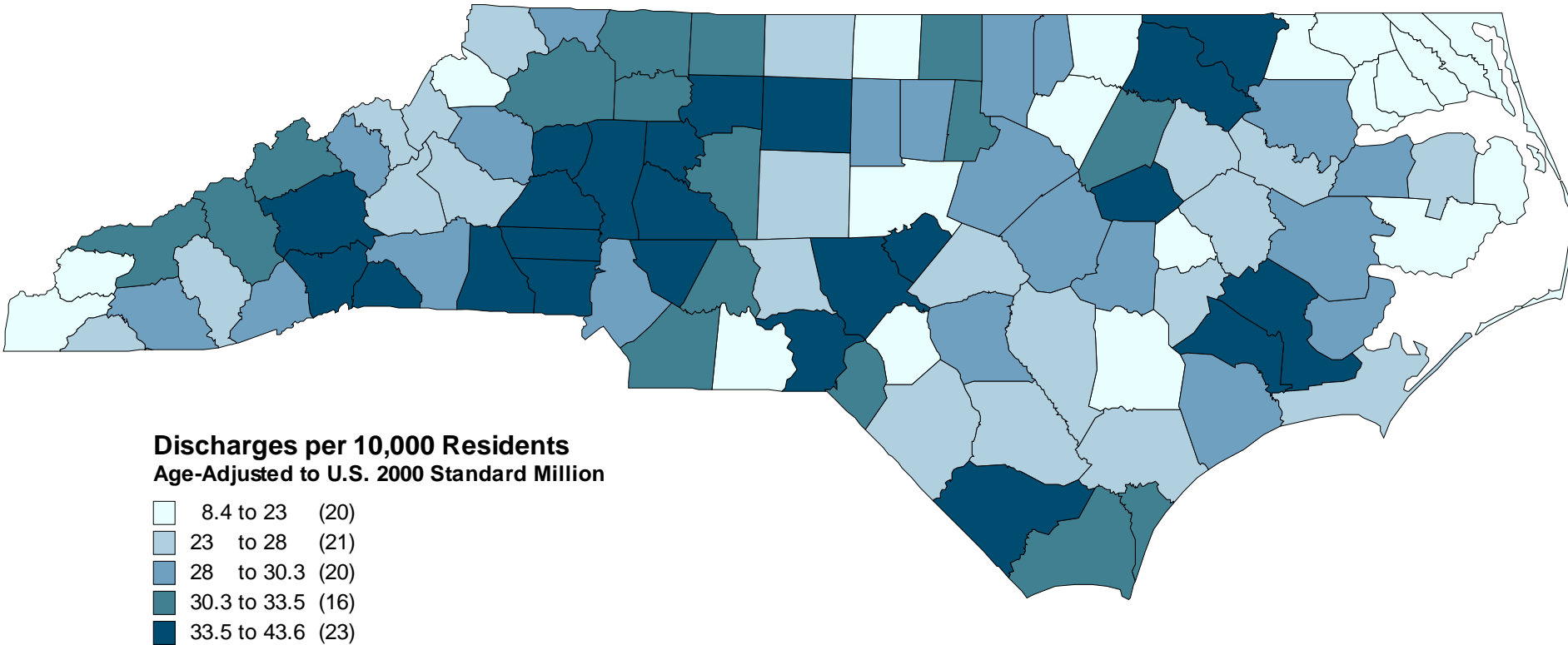
Note: Cholecystectomy discharges include DRGs 195, 196, 197, 198, 493, or 494.

Source: Thomson Healthcare North Carolina Hospital Discharge Data, Fiscal Year 2007.

Produced By: Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.

# Hospital Discharges for Hip or Knee Replacement per 10,000 Residents

Residents Discharged from North Carolina Hospitals: October 1, 2006 to September 30, 2007



Note: Knee or Hip Replacement discharges include DRGs 544 or 545.

Source: Thomson Healthcare North Carolina Hospital Discharge Data, Fiscal Year 2007.

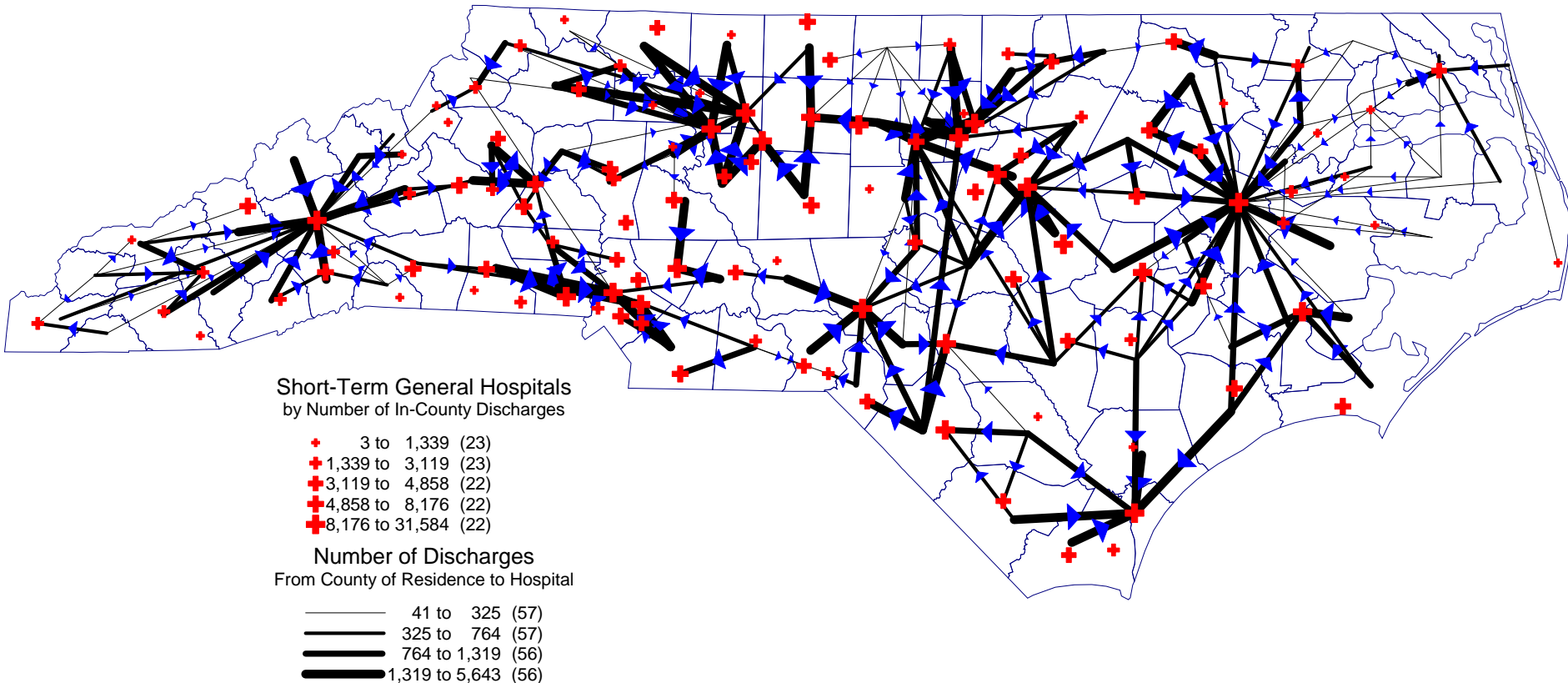
Produced By: Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.



# Patient Origin for North Carolina Residents and Hospitals

## Inpatient Discharges by County of Residence and Hospital

Residents Discharged from North Carolina Hospitals: October 1, 2006 to September 30, 2007



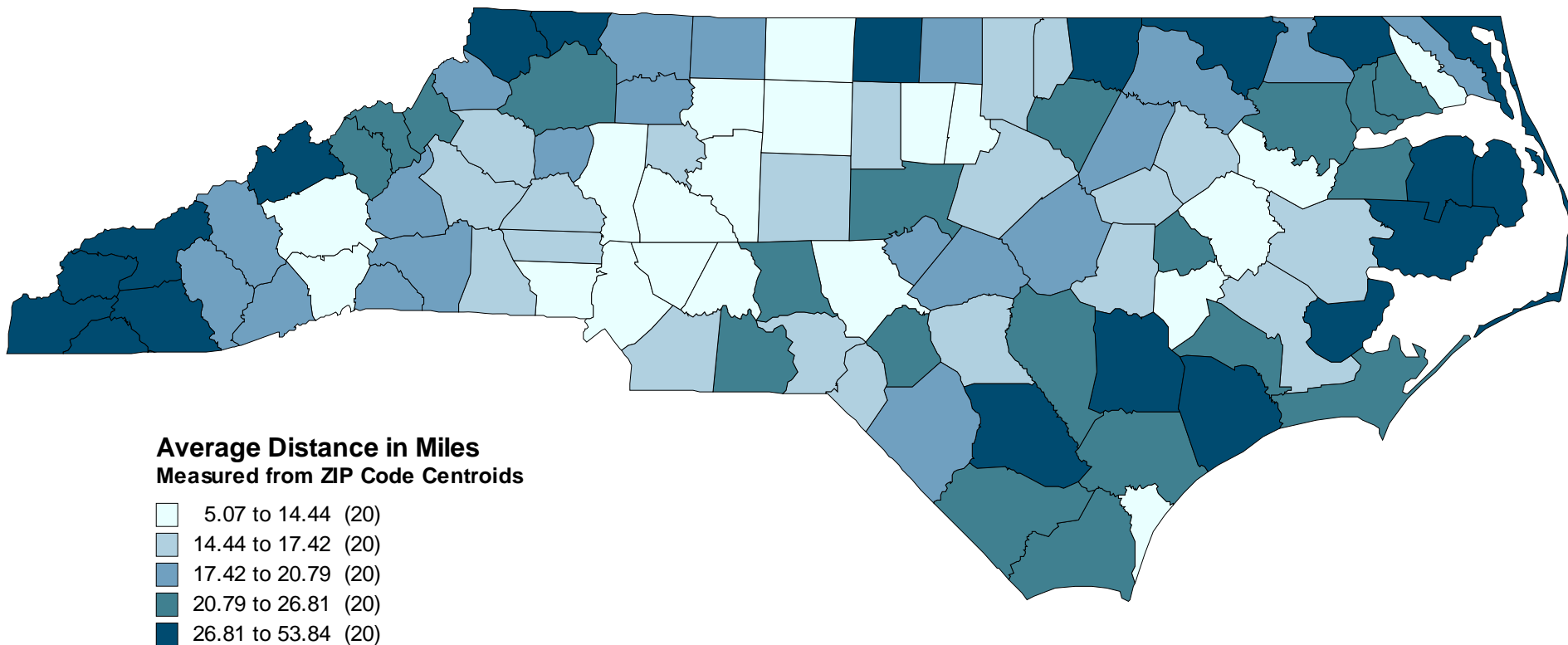
Note: For any county vectors are only drawn for hospitals receiving at least five percent of the county's Discharges.  
Discharges from Psychiatric, Rehabilitation, Long Term Care, and Substance Abuse Treatment Facilities are not included.  
Normal newborn discharges (DRG 391) excluded.

Source: Thomson Healthcare North Carolina Hospital Discharge Data, Fiscal Year 2007.

Produced By: Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.

# Average Distance to Care: Miles from Residence to Hospital

Residents Discharged from North Carolina Hospitals: October 1, 2006 to September 30, 2007



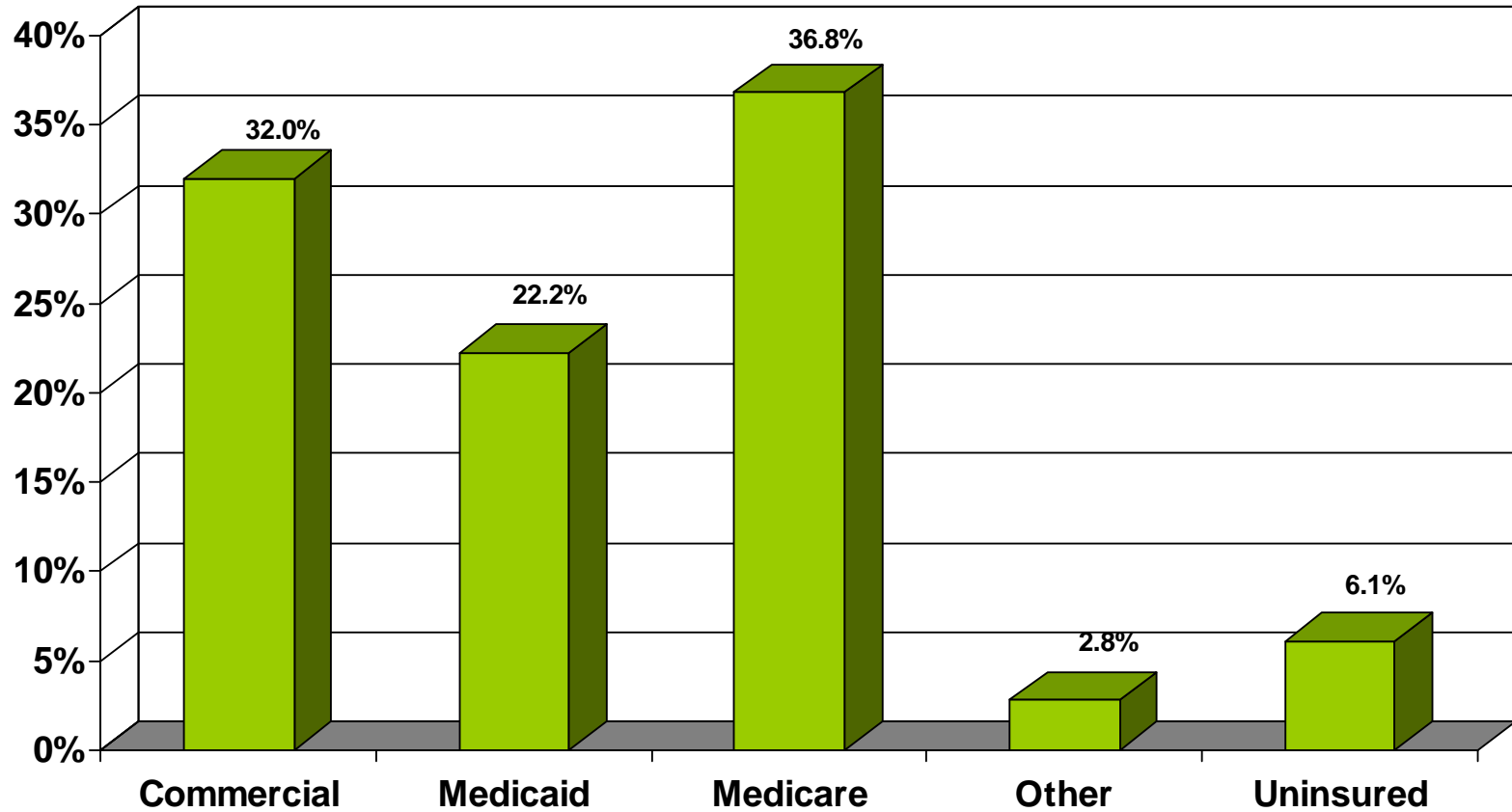
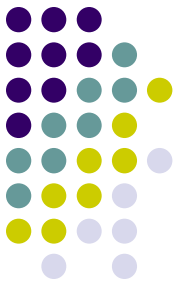
Note: Discharges from Psychiatric, Rehabilitation, Long Term Care, and Substance Abuse Treatment Facilities are not included.  
Normal new born discharges (DRG 391) excluded.

Source: Thomson Healthcare North Carolina Hospital Discharge Data, Fiscal Year 2007.

Produced By: Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.

# NC Payer Mix - Inpatient

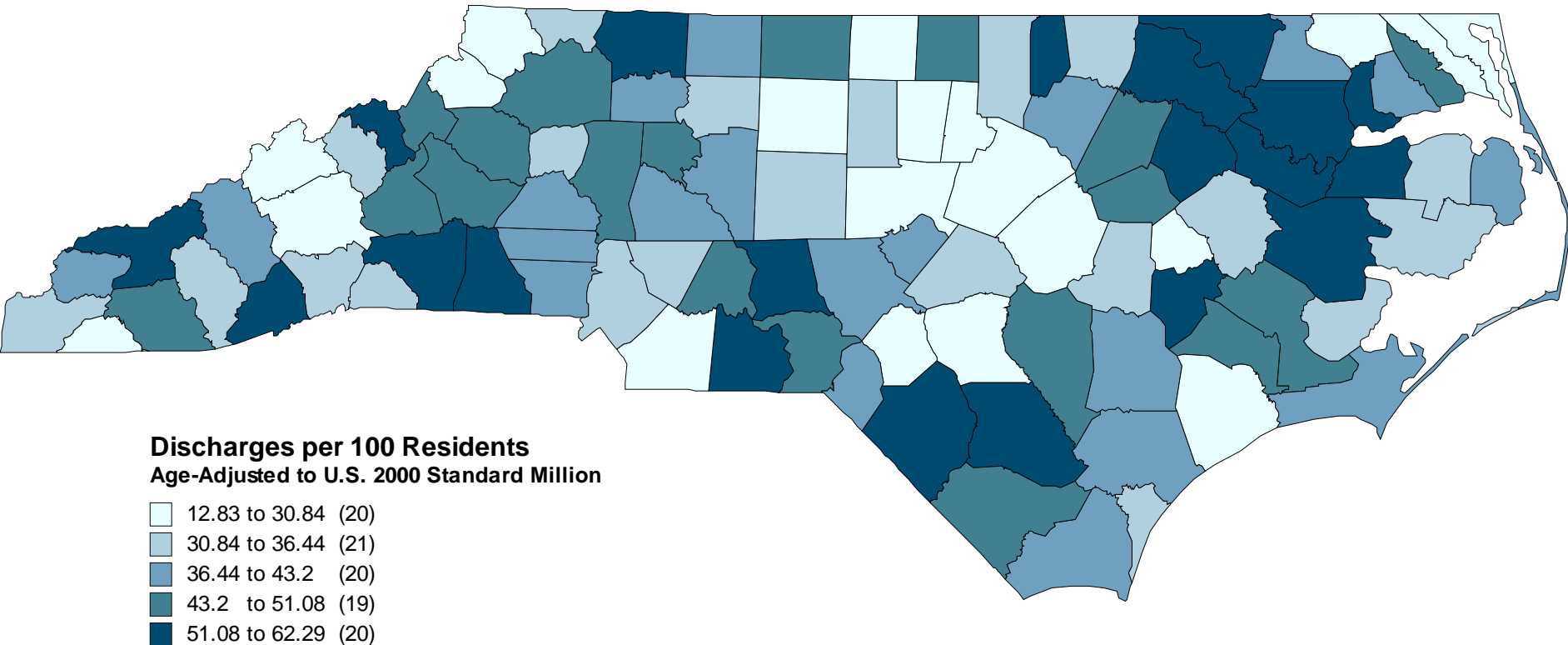
October 1, 2007 to Sept 30, 2008





# Emergency Department Discharge Rates per 100 Residents

Residents Discharged from North Carolina Emergency Departments:  
October 1, 2006 to September 30, 2007



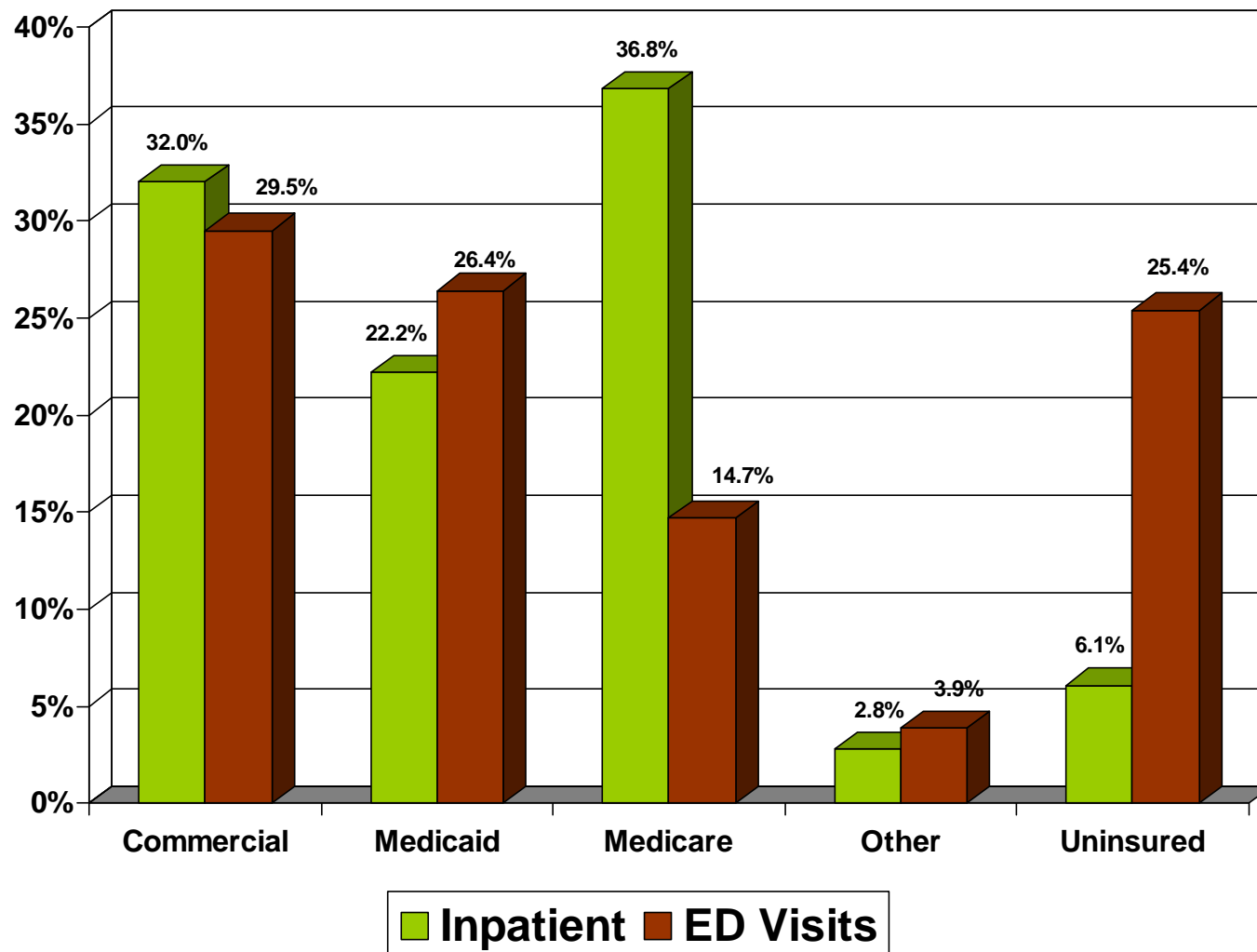
Source: Thomson Healthcare North Carolina Hospital Discharge Data, Fiscal Year 2007.

Produced By: Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.



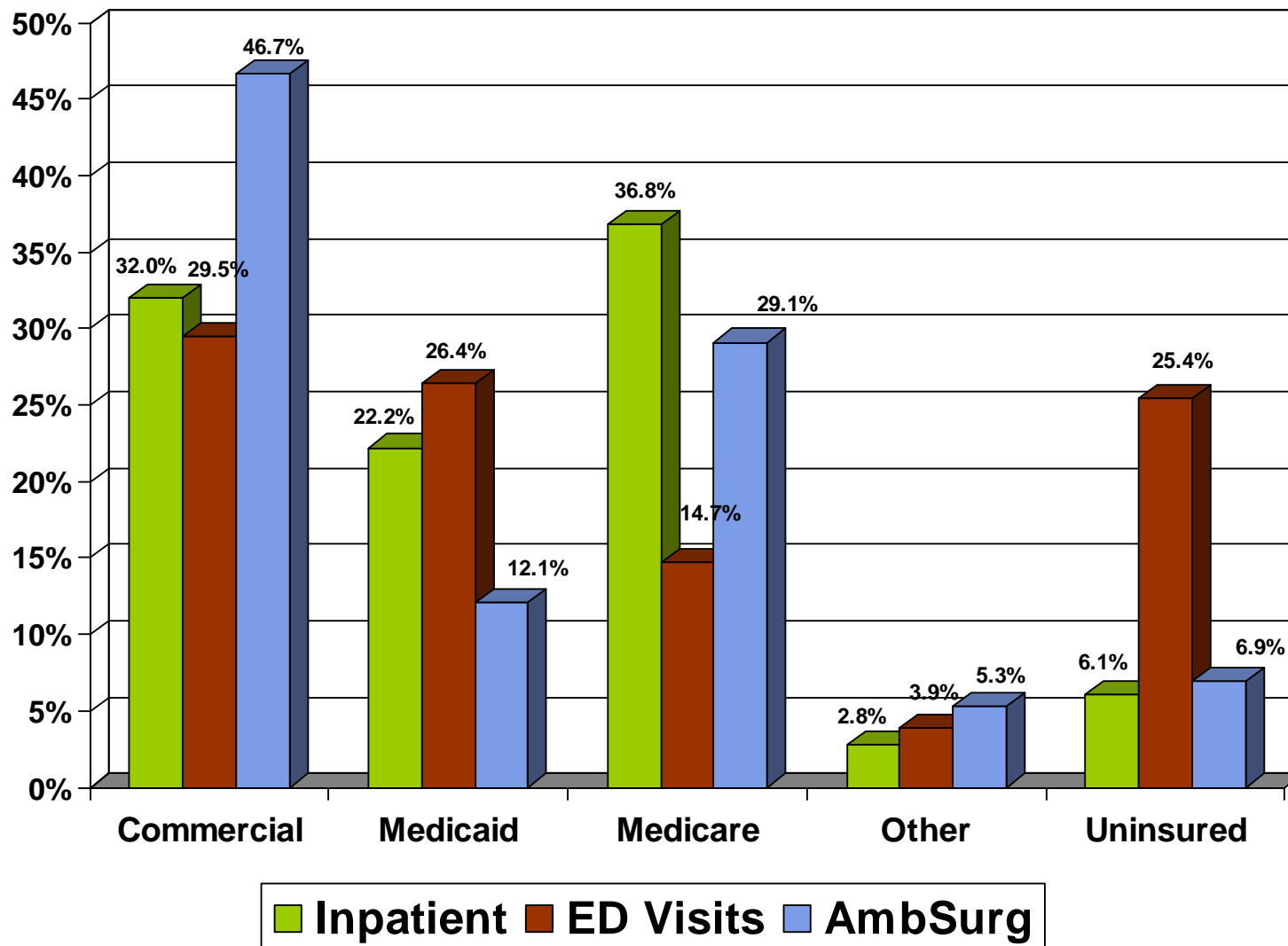
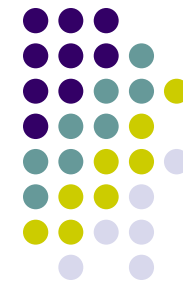
# NC Payer Mix – Inpatient and ED

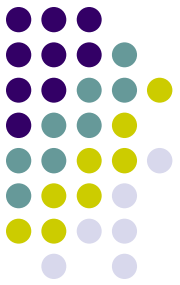
October 1, 2007 to Sept 30, 2008



# NC Payer Mix- Inpatient, ED, Amb Surg

October 1, 2007 to Sept 30, 2008





**Questions?**