### The Nursing Workforce in North Carolina: Challenges and Opportunities

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#### Using Our Voice to Build Better Systems

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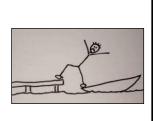
unding from the North Carolins AHEC Program, the Robert Wood Johnson

## Presentation Overview: In words and a picture

#### We will use North Carolina to frame challenges and opportunities regarding:

- Current nursing workforce
- "Education mobility" nurses

   those who entered
   workforce with ADN and
   have gone on
   to BSN or higher

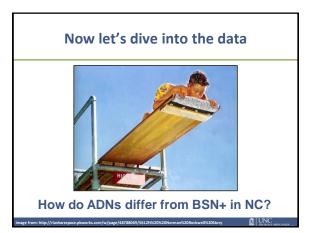


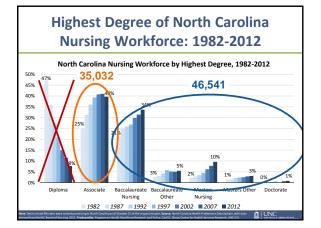
• Future nursing workforce in a transformed system

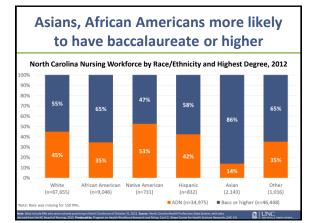
### Before we launch into the data, a brief introduction....The North Carolina Health Professions Data System (HPDS)

**Mission**: to provide timely, objective data and analysis to inform health workforce policy in North Carolina and the United States

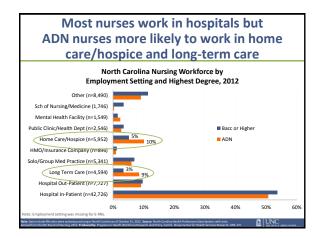
- Cecil G. Sheps Center for Health Services Research at UNC-CH
- In collaboration with NC AHEC & professional licensing boards
- Independent of government and health care professionals; bringing rigor and objectivity
- 35 years of continuous licensure data on 19 health professions from 12 boards
- Data are provided voluntarily by the boards—there is no legislation that requires this, there is no appropriation

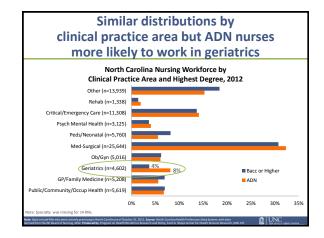


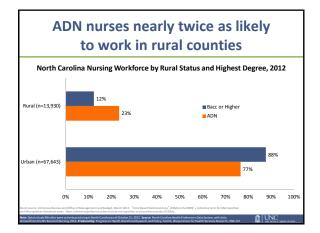


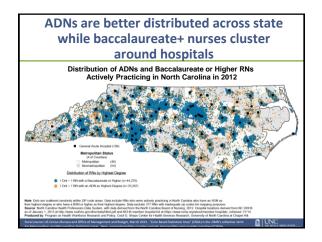


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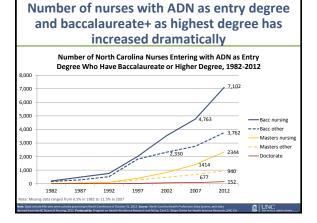








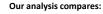
Do nurses who entered the workforce with an ADN and have a baccalaureate or higher degree *in nursing* behave more like ADNs or baccalaureate+ nurses?



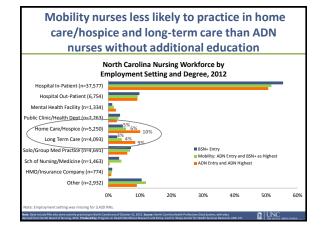
## What might our workforce look like if all ADN nurses went on to higher nursing education?

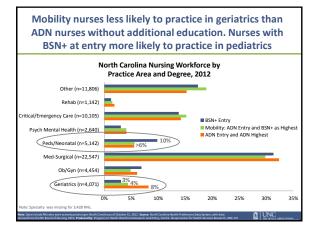
In 2012, 14,300 nurses had ADN for <u>entry degree</u> and baccalaureate or higher as <u>highest degree</u>:

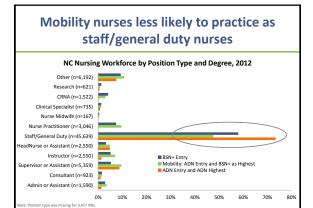
- 9,516 nurses entered with ADN and have baccalaureate or higher in nursing as highest degree—the "education mobility" nurses
- 4,784 nurses entered with ADN and have baccalaureate or higher <u>outside nursing</u>—the "career mobility" nurses

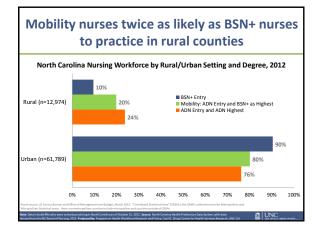


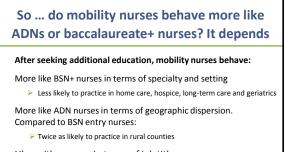












- Like neither group in terms of job title
  - Less likely to be in staff/general duty positions

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## The future nursing workforce: New roles in a transformed health system

### Let 1,000 flowers bloom: Ongoing experiments in health system transformation

- Growing number of patient centered medical homes, accountable care organizations and integrated delivery systems
- CMS actively funding
   demonstration projects
- Secretary Burwell recently announced 50% of Medicare payments tied to value by 2018



### New models of care: key characteristics

Goal: provide patients with more comprehensive, accessible, coordinated and high quality care at lower costs

- · Payment based on value, not volume (accountability)
- Emphasis on primary, preventive and "upstream" care
- Care is coordinated between:
  - medical sub-specialties, home health agencies and nursing homes
  - health care system and community-based social services (social determinants of health)
- EHRs used to monitor patient & population health—increased use of data for risk-stratification and hot spotting
- Interventions focused on both patient- and population-level

### Nursing in a Transformed Health Care System: New Roles, New Rules

#### "What will it take to optimize the contributions of nurses in these changing systems?

- Redesign the nursing curriculum to impart new competencies;
- Retrain existing nurses to impart new skills and knowledge;
- Revamp licensing examination and requirements to reflect the new curriculum; and
- Restructure the state regulatory system to allow flexible deployment of the nurse workforce."

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# How do nurses fit in new models of care?

- PCMHs and ACOs emphasize care coordination, population health management, patient education, health coaching, data analytics, patient engagement, quality improvement, etc.
- Moving more toward ambulatory settings and community care
- New job titles and roles emerging
- "Boundary Spanners"
- Requires application of skills in new ways and development of new skills

### New and evolving role areas

#### Population health

- Complex older adults and family caregivers
- Care coordination and transitional care
- Use of data, evidence and other performance improvement skills
- Interprofessional collaboration



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# But how do we redesign structures to support these roles? —> Education

- Must redesign education system so nurses can flexibly gain new skills and competencies
- Retrain and upgrade skills of the 2.9 million nurses *already* in the system *they are the ones who will transform care*
- Training must be convenient timing, location, & financial incentives
- Need to prepare faculty to teach new roles and functions
- Clinical rotations need to include "purposeful exposure" to high-performing teams and ambulatory settings

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# But how do we redesign structures to support these roles? --> Regulation

#### To create a more dynamic regulatory system, we need:

- To develop evidence to support regulatory changes, especially for new roles
- Better evaluation of pilot workforce interventions to understand if interventions improve health, lower costs and enhance satisfaction
- To establish a national clearinghouse to provide up-to-date and reliable information about scope of practice changes in other states

ith professions scope-of-practice regulations to remove barriers to care. Heolth A∯ (M

 Remove regulatory barriers to let nurses utilize skills to max benefit of patients

## But how do we redesign structures to support these roles? - Policy

- Insurance reimbursement rules
   Current system creates inefficiencies and hinders nurses from delivering optimal services;
   Shift toward value-based care will likely support efforts to maximize nursing contributions to care
- Regulation of entry-level nursing education Modify state licensure board rules governing pre-licensure programs to ensure grads have new skills and competencies needed; adjust clinical training requirements to include more ambulatory experiences
- NCLEX Curricula designed to ensure graduates can pass NCLEX; If NCLEX changes to reflect new roles, curricula will change to keep up
- Federal and state funding agencies
   Funding can drive innovation and encourage transformation

# Who is going to pay for all this retooling we need to do? Payment

- Adequate and sustainable payment models to retool and redeploy the workforce are lacking
- Many workforce innovations are supported by one-time funds. If payment models don't change rapidly enough, will these interventions be sustainable?
- 1,000 flowers are blooming but are adequate dollars available to conduct research and evaluations necessary to develop evidence base needed to support workforce redesign?

# Why the nursing workforce is critical to health system transformation

- With nearly 3 million nurses in active practice, nursing is by far largest licensed health profession (about four times as many nurses as physicians)
- Nursing care linked to quality and satisfaction measures that will increasingly be tied to value-based payments
- Nurses provide whole-person care across health and community-based settings
- Nurses are the ultimate "flexible" workforce taking on new roles in transformed health system

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