

Policy & System Drivers of Population Health

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Defining Population Health

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“The state of complete physical, mental, and social well-being, and not merely the absence of disease or infirmity.” – World Health Organization

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Population

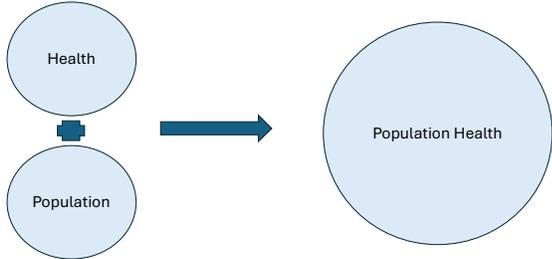
“People”
Populations include not only individual persons but groups of people whose health takes place within the context of where they live, work, and play



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Population Health Equation (Hewitt)



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Population Health

“The health outcomes of a **group of individuals**, including distribution of such **outcomes** within the group.”
– Kindig & Stoddert, 2003



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“The health outcomes of a **group of people**, and how those **outcomes** are distributed within the group.”

– IOM Future of Nursing Report: Leading Health, Advancing Change, 2010

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“The health outcomes of a **group of individuals**, including the distribution of those **outcomes** within the group essentially focusing on the health status and health outcomes within a specific population rather than individual health alone.”

– World Health Organization

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“An approach that treats the **population as a whole** (including the environmental and community contexts) as the patient” – Institute of Medicine, 2014

Involves applying health strategies, interventions, and policies at the population level rather than through the episodic, individual-level actions common within acute care

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Identifying Populations

Population is Most Commonly identified by:

- Geographic Area
 - i.e., all residents of a particular neighborhood, state or region
- Shared characteristics not limited by geographic boundaries
 - i.e., age, race, ethnicity, religion, occupation, health status, disability, sexual orientation

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Outcomes

Defined as: A change in health that occurs as a result of a healthcare intervention or service

- Can be measured for individuals, groups or populations
- Population health outcomes
 - Look at groups of people
 - Include collaborative activities & determinants of health
 - Responsibility for improvement is shared

“Ideally, a focus on population health should seek to reduce or eliminate disparities.” - Kindig

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Population Health Improvement

- is a collaborative effort designed to improve health outcomes of a specific population by addressing upstream factors
- Purpose: to reduce inequities through interventions and policies that influence these **upstream factors**
- Accountability for outcomes are shared
- Improvement of population health requires a **systems approach**

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NPP Proposed Population Health Initiatives

National Priorities Partnership (NPP)

- Eliminating Harm
- Eradicating Disparities
- Reducing Illness
- Removing waste

Four Pillars of Population Health

- Chronic Care Management
- Quality & Safety
- Public Health
- Health Policy

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Population Health Alignments with Major Legislation

1996: Healthcare Insurance Portability & Accountability Act (HIPAA) – Expanded in 2000	Established standards for electronic exchange, privacy, security of health information; specifically protects data regarding an individual's past, present, or future physical or mental health or condition
2009: Health Information Technology & Clinical Health Act (HITECH)	One of the first regulations to accelerate the application of health information technology, expectations of quality metrics; required providers to demonstrate meaningful use from their electronic health records
2010: Patient Protection & Affordable Care Act (PPACA)	Generated population health innovations in health promotion policies (community health needs assessments), access & delivery of care initiatives (Medicaid state expansion), new models & value-based reimbursement frameworks
2015: Medicare Access & CHIP Reauthorization Act (MACRA) *Children's Health Insurance Plan	Finalized major details on approaches for reimbursing new population health models & is credited with shifting Medicare payments from a fee-for-service to value-based reimbursement system
2016: 21 st Century Cures Act	Primarily focused on ensuring health information technology delivery related to advancing interoperability, prohibiting information blocking, & enhancing useability, accessibility, privacy & security of data

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Major Trends Affecting Nursing's Role in Population Health



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Aging Population

Everyday in the United States, 10,000 people turn age 65

- 20% of the population by 2050
- 2 out of 3 older adults have multiple conditions
- 66% of the U.S. healthcare budget

10,000 people turn 65 every day in the United States. People live longer. Are you prepared to care?

Implications for RN Role Development:

- Need specialized knowledge to provide population specific care
- Increase in complex care coordination
- Effective participation in Team-based Care
- Utilize technologic advances to provide care

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Changes in the Nursing Workforce



- Nursing Retirement:
- 1/3 of the nursing workforce (1 million RNs) expected to retire by 2030
- Significant loss of knowledge and experience at a time when demand for nursing is increasing

Implications for RN Role Development:

- Innovation needed to support knowledge transfer from older, experienced expert nurses to younger, less experienced developing nurses
- Expect new roles for RNs and APRNs to emerge
- Prevention & Population Health will remain important

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Public Health System Transformation



- Public Health 3.0 transforms the public health
- Focus on new skills & upstream interventions to address social determinants of health
- Public Health Nurse role shifts from clinical provider to community leader & advocate

Implications for RN Role Development:

- Elements of Public Health Nurse clinical roles expected to be taken up by Healthcare systems
- Population Health Nurses & RN case manager/care managers can expect to integrate prevention & direct care public health responsibilities in practice

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Technology



- Self-Care
- Telehealth
- Electronic Health Records

Implications for RN Role Development:

- Increases tools available to communicate & engage patients & populations in prevention & self-management
- Increases efficiency and effectiveness of population health management
- Requires tailored interventions to non-technology users

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Consumerism



- Consumer expectations are influencing change
- Healthcare system redesign needed to increase access & engagement

Implications for RN Role Development:

- Population Health Nurses will play a key role in identifying trends in access & engagement of patients
- Based on data will be able to make recommendations for improvement

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Public Health Emergencies



- Extreme weather-related events
- Infectious disease outbreaks
- Climate related disasters

Implications for RN Role Development:

- Charged with identifying at risk & vulnerable populations
- Promote emergency preparedness including medication management
- Connect to resources
- Collaborate with public health

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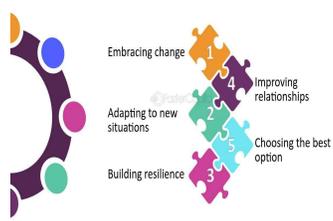
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Going Forward

The Importance of Flexibility in Moving Ahead

The Framework of the U.S. Healthcare System

- Population-focused Care
- Health for all Americans
- Innovative Management Strategies



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Next Steps

Let's Make a Difference



- Watch the posted video
- Review the posted Resources.
- Download any you would like to keep.
- Take the Test Your Knowledge Self-Assessment Quiz
- When you're ready move onto the next topic

• Questions? Let me know:

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