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United Nations Non Governmental Organization (NGO)

The Nurse's Role Related to Fertility Health, the Aging Population, & Replacement Population





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Thank You, All Members of CICIAMS for the honor and privilege to serve

2015 to Present Patricia Sayers DNP RN CICIAMS UN Rep

2015 to Present Maria Arvonio MA RN

2015 to Present Marian Nowak DNP MPH RN

2015 to 2017 Patricia Staley RN Catholic Radio Host

2018 Courtney Donahue DNP RN (Youth Member)

2018 Sarah Donahue BSN RN (Youth Member)



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Thank You, All Members of CICIAMS

for the honor and privilege to serve

Especially Geraldine Mc Sweeney, Donatus Akpan,

St Anne John, Theresa Cheong, &

Executive Board from 2015 to Present

NGO = The Voice of Civil Society



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Four Nursing NGOs at the United Nations

1. The International Catholic Committee of Nurses and Medico-Social Assistants (CICIAMS)
2. The Nightingale Initiative for Global Health (NIGH)
3. The International Council of Nurses (ICN)
4. Sigma Theta Tau International (STTI)



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Focus: Population Division

CICIAMS - consultation status
- Office of Economic & Social
Affairs (ECOSOC).

Under ECOSOC, the Division
of Population activities became
our focus

Adolescents & Youth / Aging

Environment

Family Planning / Fertility

HIV/AIDS

International Migration

Marriage and Unions

Mortality

MDGs

Population Policies / Trends

SDGs / Urbanization



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United Nations 2030 Sustainable Developmental Goals



The SDGs matter because they are intended to drive the allocation of global financial and human resources, and to help direct nations' and donors' policy priorities between now and 2030. (Galati, A.J., 2015, Guttmacher Institute)



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Regarding:

1) Fertility Health 2) Aging Population 3) Replacement Population

Attendee nurses will be able to:

1. Define these global health issues (Evidence-based)
2. Identify concerns affecting patients/Catholic nurses
3. Acknowledge strategies addressing care concerns
4. Specify roles for Catholic Nurse engagement

The Free Dictionary

Health

[helth] a relative state in which one is able to function well physically, mentally, socially, and spiritually in order to express the full range of one's unique potentialities within the environment in which one is living

- <https://medical-dictionary.thefreedictionary.com/wholistic+health>

The Joint Commission

The requirements that address **spiritual** needs and practices PC.02.02.13

Cultural & linguistic competence is a set of congruent behaviors, attitudes, and policies that come together in a system, agency, or among professionals that enables effective work in cross-cultural situations.

^P

Culture' refers to integrated patterns of human behavior that include the language, thoughts, communications, actions, customs, beliefs, values, and institutions of racial, ethnic, religious, or social groups.

<https://npin.cdc.gov/pages/cultural-competence>

Definition of Health

CONSTITUTION OF THE WORLD HEALTH ORGANIZATION

Health is a state of complete physical, mental and social well-being and not merely the absence of disease or infirmity.

What is missing in this statement?

Fertility Health

The subject of fertility health refers to freedom from physical disease or injury and the functional condition of males and female's reproductive systems through all stages of life.

Fertility Health / Fertility Awareness
United Nations = Reproductive Health

“Reproductive health is a state of complete **physical, mental and social well-being**, and not merely the absence of reproductive disease or infirmity. Reproductive health deals with the reproductive processes, functions and system at all stages of life”

UN POPULATION INFORMATION NETWORK

What is missing in this statement?



SUSTAINABLE DEVELOPMENT GOALS



Family planning has been promoted as the “key” to achieving all the SDGs

Economic prosperity

Women’s empowerment, workforce participation

Reduced health, education costs

Environmental protection

Improved maternal, child health

Reproductive Health

... greatest benefits from reducing unintended pregnancies would be seen in the poorest countries, with GDP increases ranging from one to eight percent by 2035. There are few interventions that would result in such wide-ranging impacts while offering such incredible return on investment.

(World Bank)

2030 Sustainable Developmental Goals

1. No Poverty
3. Good Health & Well Being
5. Gender Equality



Annually est. 74M unintended pregnancies in developing countries => failing or lack of contraceptive access.

Of these unintended pregnancies, 36 million -> abortion

For each additional \$1 spent on contraceptive services above current level, cost of pregnancy-related care is reduced by \$2.22.



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Fertility Health / Aging Population / Population Replacement

Terms	Definitions	Statistics	Trends
Fertility Health	UN Reproductive Health	Global Measure Total Fertility Rate TFR Child/Woman Replacement Rate 2.1	UN 2017 World TFR 2.438 09/2018 World Pop est 7.6B (Worldometer, 9/18) 2100 World TFR 2.0 World Pop est 11.2B (UN,2017)



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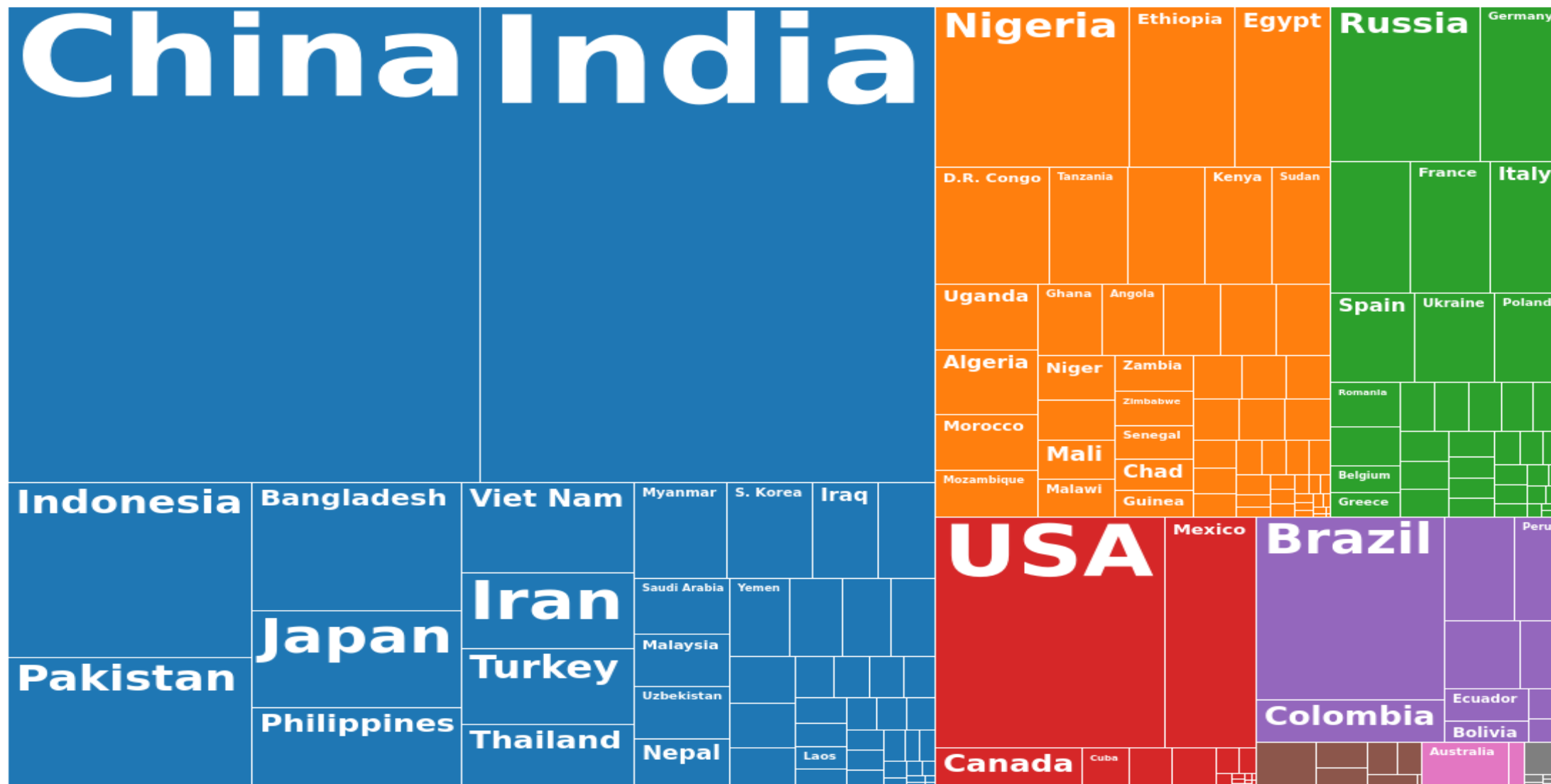
Population = Births, Longevity, & Migration 2100 80% Pop Africa & Asia

Region	2020	2050	2100
World	7.8B	9.9B	11.2B
Africa	1.4B	2.53B	4.47B
Asia	4.6B	5.285	4.8B
Europe	744M	716M	653M
Latin America	664M	780M	712M
North America	369M	435M	499M
Oceania	42M	57M	72M

List of countries ordered by their population size

合計: 7,515,284,153

Projection 2020





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Fertility Health / **Ageing Population** / Replacement Population

Terms	Definitions	Statistics	Trends
Ageing Population	Number of persons > 60 yo increases faster than youth 0-14 yo	Median Age of World Population 2015 29.6yr	Year 2100 Depends on Fertility Constant 23.6 Low 49.2 Medium 41.6 High 35.6



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UN Key Factors of Population Growth: Births, Longevity, & Migration
Fertility Health / **Aging Population** / Population Replacement

Median Age 2015 29.6 yrs	2020 Age Median	2050 Age Median	2100 Age Median
Constant Fertility	30.8	31.7	23.6
Low Fertility	31.2	40	49.2
Medium Fertility	30.9	36.8	41.6
High Fertility	30.6	32.2	35.6



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UN Key Factors of Population Growth: Births, Longevity, & Migration
Fertility Health / **Aging Population** / Population Replacement

Demographic Dividend:

the productivity boost enabled by declining fertility.

Educational investment are made in a shrinking youth cohort.

More resources for the few (lure families & societies)

Essentials: Food, Water, Clothing, Housing, Vacations

Education: Empowerment and Opportunities

Less Poverty Less Hunger Less Sickness



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UN Key Factors of Population Growth: Births, Longevity, & Migration
Fertility Health / **Aging Population** / Population Replacement

Demographic Deficit:

reduction in wealth due to aging of the population: in financial context, the increase in budget deficit due to aging of the population... When economies are comprised of more numbers of elderly, ... spend more on pensions, retirement benefits, healthcare costs, as well as eventually unable to find enough workers for the jobs being existing and created.



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UN Key Factors of Population Growth: Births, Longevity, & Migration
Fertility Health / Aging Population / **Population Replacement**

MIGRATION HOSTS 2015-2050

Annually “more than 100,000 migrants projected to USA, Germany, Canada, UK, Australia & Russian Federation.

MIGRATION SENDERS 2015-2050

Annually, more than 100,000 from India, Bangladesh, China, Pakistan, and Indonesia

CULTURAL & ENVIRONMENT TRANSITIONS



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UN Key Factors of Population Growth: Births, Longevity, & Migration Fertility Health / Aging Population / **Population Replacement**

World & Regions	Urbanization 2018
World	55%
Africa	49%
Europe	74%
Latin America Caribbean	78%
North America	82%
Oceania	67%
Asia	49%

URBANIZATION

Currently, > half of the world's population in urban areas.

By 2050, est 68% of world's population expected to live in urban areas. 90% from Asia & Africa

Over 60% of land projected to become urban by 2030 is yet to be built.



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Fertility Health / Aging Population / Population Replacement

Objective #2 Identify concerns patients/Catholic nurses

1. Reproductive Health Modalities being promoted in society violate Catholic/and other values, beliefs, and teachings
2. Aging population needs access to geriatric nursing skill sets, safe & healthy living environments, plus jobs suited for the elderly



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Fertility Health / Aging Population / Population Replacement

Objective #2 Identify concerns patients/Catholic nurses

3. Migration: Childhood immunizations program, drugs shortages, health systems for refugees, lack of health records, concerns regarding HIV, Hep C, TB, internal parasites, & traumatic stress due to people leaving ancestral homes
4. Urbanization – large urban centers are natural disaster prone (coastal –hurricanes, monsoons, flooding) City slums house now est home of 1M. Migration to urban cities.



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Fertility Health / Aging Population / Population Replacement

Objective 3. Acknowledge strategies addressing care concerns

1. Reproductive Health Modalities in Violation of Cultural Sensitivity:
 - a) Advocate & deliver fertility health modalities in keeping with Catholic teachings (NaproTechnology, Billings, Marquette)
 - a) Advocate for cultural competency (human rights)
 - b) Advocate for informed consent (to include risks and alternatives)
2. Aging population needs expansion of geriatric nursing skill sets, geriatric nursing programs & living environments plus jobs suited for the elderly



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Fertility Health / Aging Population / Population Replacement

Objective 3. Acknowledge strategies addressing care concerns

3. Migration: Involvement of nurses in planning health care systems for migrants, provide incentives for nurses to engage in migrant services, advocate for migrants/join others
4. Urbanization – Fortify the presence of nurses in urban areas, jobs, schools of nursing, involve nurses in planning, incentive for nurses, focus: health promotion/prevention



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Fertility Health / Aging Population / Population Replacement

Objective #4 Specify roles for Catholic nurse engagement

1. Practice Roles: Fertility Health/Fertility Awareness
 - a) Certifications in Evidence-based Methods consistent with Catholic teaching (NaproTechnology, Billings, ie)
 - b) Services Accessibility & Affordability - clinics
 - c) Expertise in cultural sensitivity – certification, advanced degrees
2. Practice Role: Aging population
 - a) Expand geriatric nursing skill sets & services
 - b) Promote health & safety in the home environments/communities
 - c) Elder jobs
 - d) How can elder nurses contribute



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Fertility Health / Aging Population / Population Replacement

Objective #4 Specify roles for Catholic nurse engagement

3. Practice roles in Migration: Involvement of nurses in planning health care systems for migrants, provide incentives for nurses to engage in migrant services, advocate for migrants
4. Practice roles re Urbanization – Fortify the presence of nurses in urban areas, jobs, involve nurses in planning, incentive for nurses, focus: health promotion/prevention

Object #4 Specify Nursing Roles

Concern	Education	Research	Policy
Fertility Health Fertility Awareness	<ul style="list-style-type: none"> . Prepare Faculty . Accessible Programs . Affordable Programs 	Quantitative & Qualitative Studies RCT Outcome data Publish . Disseminate	Advocate: Respect life policies Birth to deaths Revise definitions, Cultural competency, informed consent, Funds Publish Disseminate

Object #4 Specify Nursing Roles

Concern	Education	Research	Policy
Aging Population	<ul style="list-style-type: none"> . Prepare Faculty . Accessible Programs . Affordable Programs 	Quantitative & Qualitative Studies RCT Outcome data Publish . Disseminate	Advocate: Respect life policies Birth to deaths Safe & healthy environments Jobs for aging Education for aging Funds Publish Disseminate

Object #4 Specify Nursing Roles

Concern	Education	Research	Policy
Replacement Population/ Migration	Prepare Faculty . Accessible Programs .Affordable Programs .Educational Pathways	Quantitive & Qualitative Studies RCT Outcome data Publish . Disseminate	Advocate: Respect life policies Safe & healthy environments Language education Health Records Funds Publish Disseminate

Thank You

Please Share Your Experiences
& Comments

The Nurse's Role Related to Fertility Health / the Aging Population / Replacement Population

MIGRATION PROJECTIONS

HOSTS 2015-2050

Annually “more than 100,000 migrants projected to USA, Germany, Canada, UK, Australia & Russian Federation.

SENDERS 2015-2050

Annually, more than 100,000 from India, Bangladesh, China, Pakistan, and Indonesia

CULTURAL & ENVIRONMENT TRANSITIONS

Concerns affecting patients and Catholic nurses

A. UN Reproductive Health

Population reduction methods being promoted

- 1) Hormonal contraception
- 2) IUD
- 3) Sterilization
- 4) Abortion

UN Mandate: Universal access – a global human right

Concerns affecting patients and Catholic nurses

Education for Sustaining Health:
Engaging Development, Respecting Life

Respect for life



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Objective 2: Identify the issues for Catholic Nursing engagement

A. Fertility Health (UN Reproductive Health)

Population reduction methods being promoted

1) hormonal contraception, 2) IUD, 3) sterilization

2. Universal access – a human right



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Objective 2: Identify the issues for Catholic Nursing engagement

B. The Aging Population

1. Demographic dividend (short term gains!)

More women in the work force – greater productivity

2. Few children – more money and resources – fewer people

3. Greater family prosperity – greater national prosperity

B1. Issues

1. Need for

2. Gains are short term

2. Demographic winter prospect looms



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Fertility Health / Aging Population / Replacement Population

1. Identify the global health issues

Define term

UN Global Statistics (Evidence-based)

UN Pattern and Trend Documents (Evidence-based)

2. Discuss concerns

Cultural sensitivity

Health benefits and risks

3. Acknowledge strategies

4. Catholic Nurse Roles: Practice, Education, Research, & Policy



