



THIS IS UNFPA



**DEMOGRAPHIC TRANSITIONS,
DEMOGRAPHIC DIVIDENDS,
AND POVERTY REDUCTION**

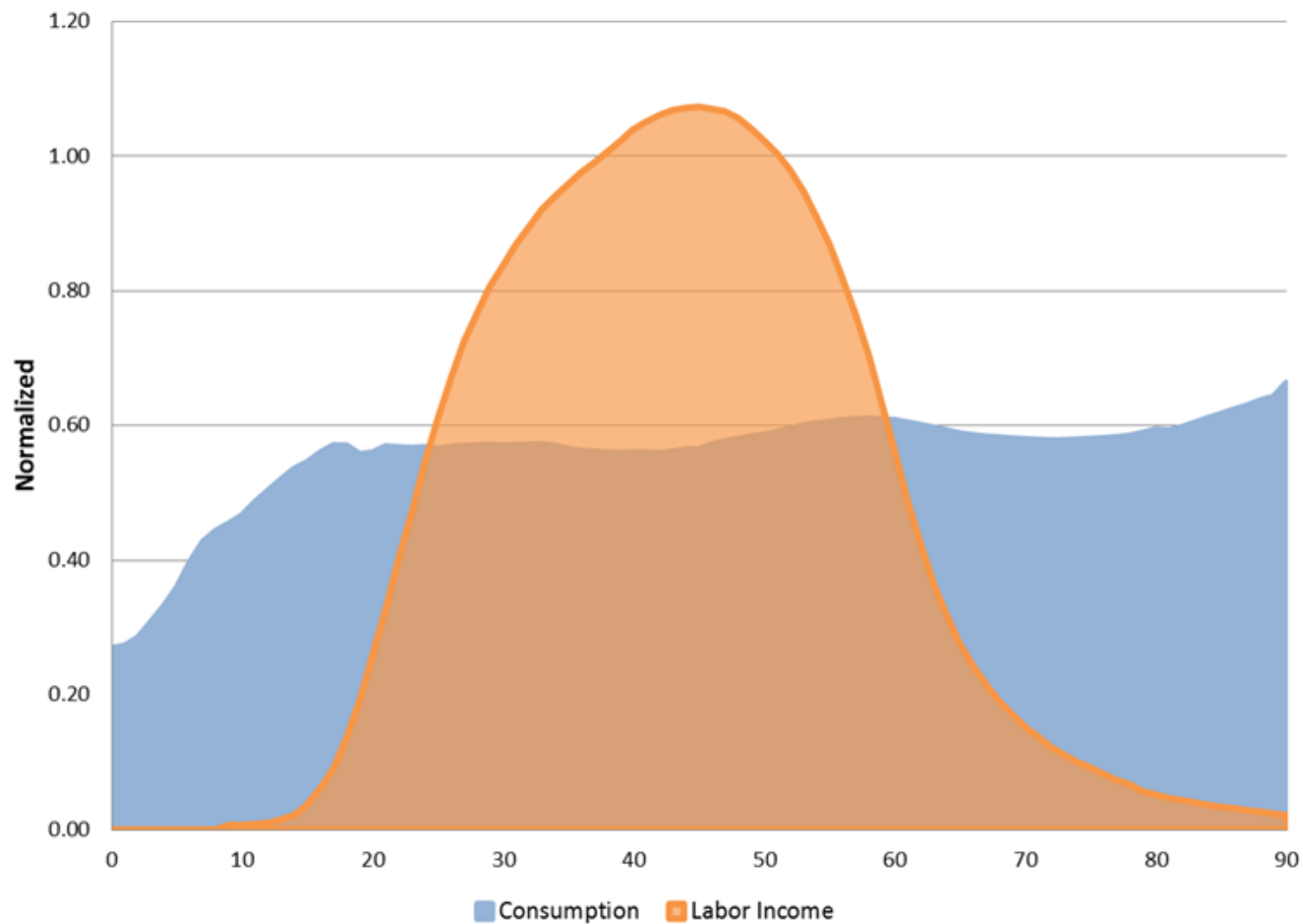
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- DD Theory
- DD Tale of two countries
- DD Policy
- UNFPA's focus and work
- Conclusions

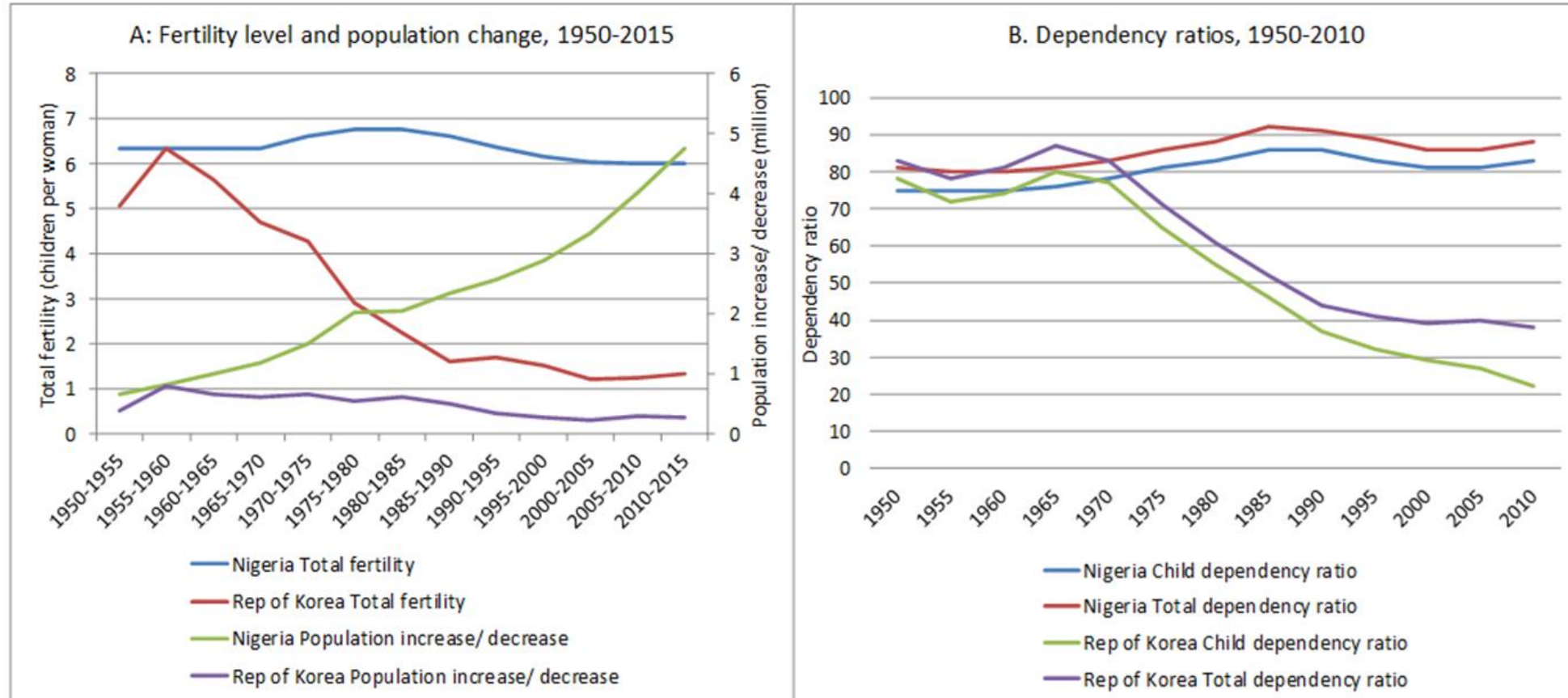
DD Theory

Chart 1: Average life-cycle deficit of 23 countries, latest years



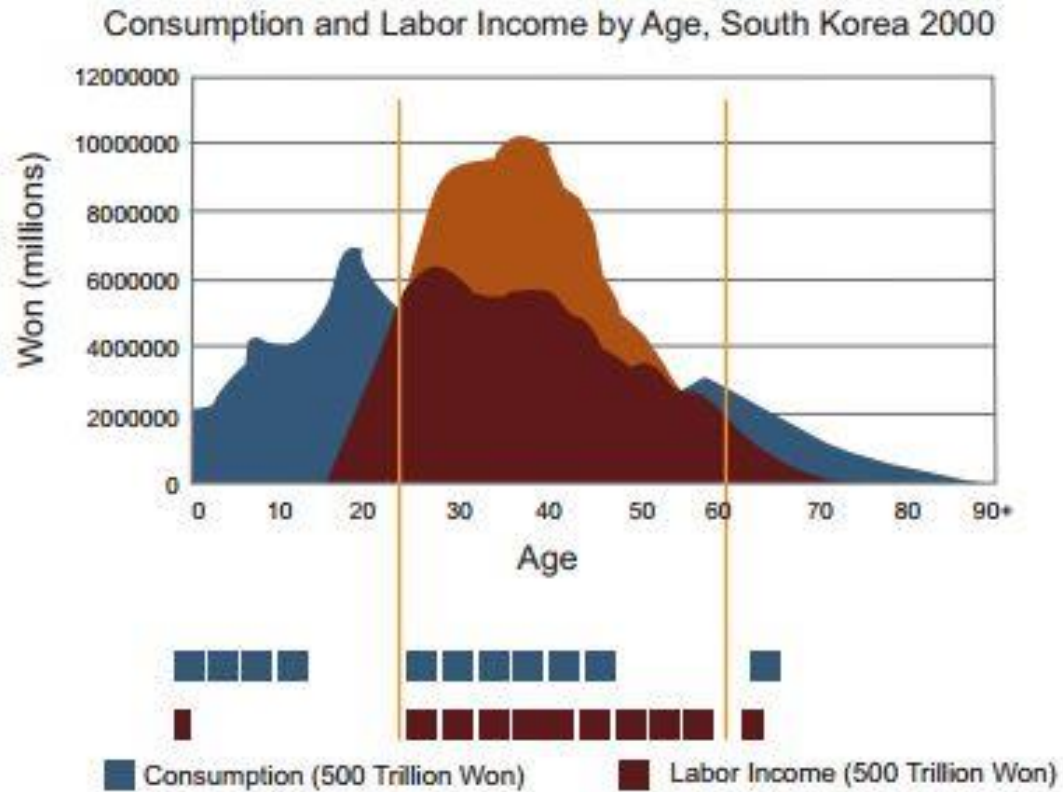
DD: Tale of two countries

Chart 2: Trends in fertility, population and dependency in Nigeria and the Republic of Korea, 1950-2015

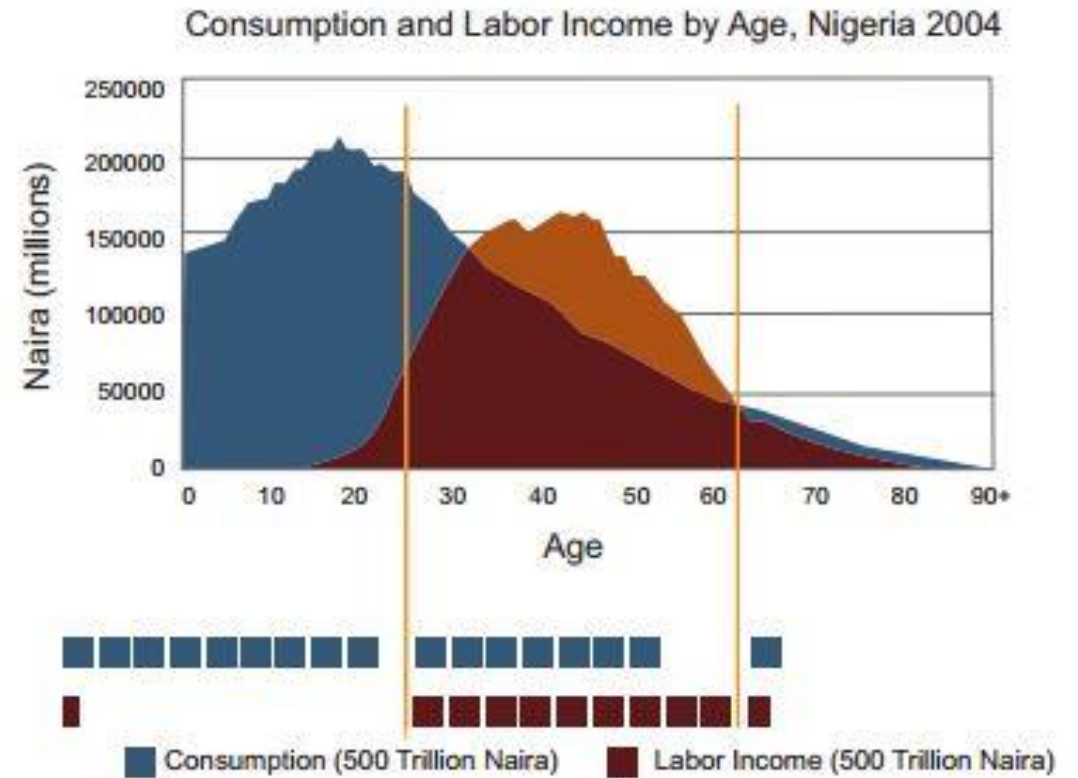


Source: Michael Herrmann (2014).

DD: Tale of two countries

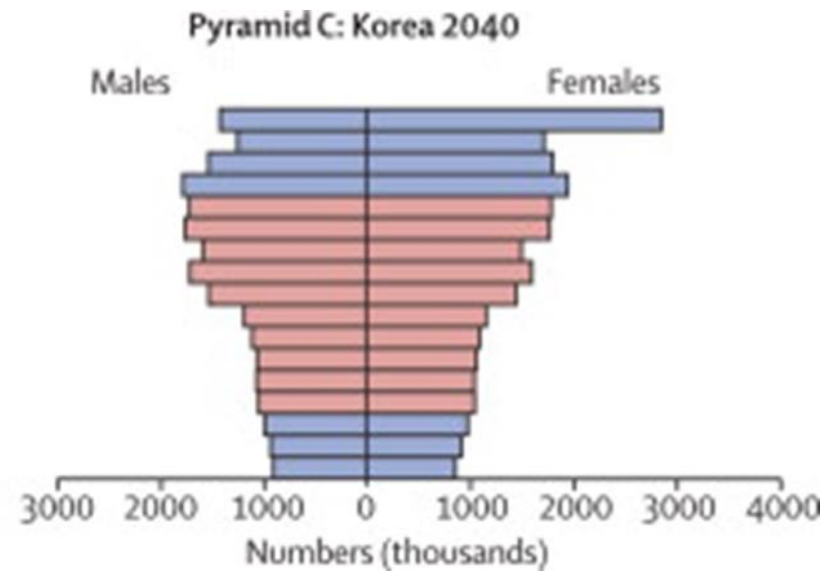
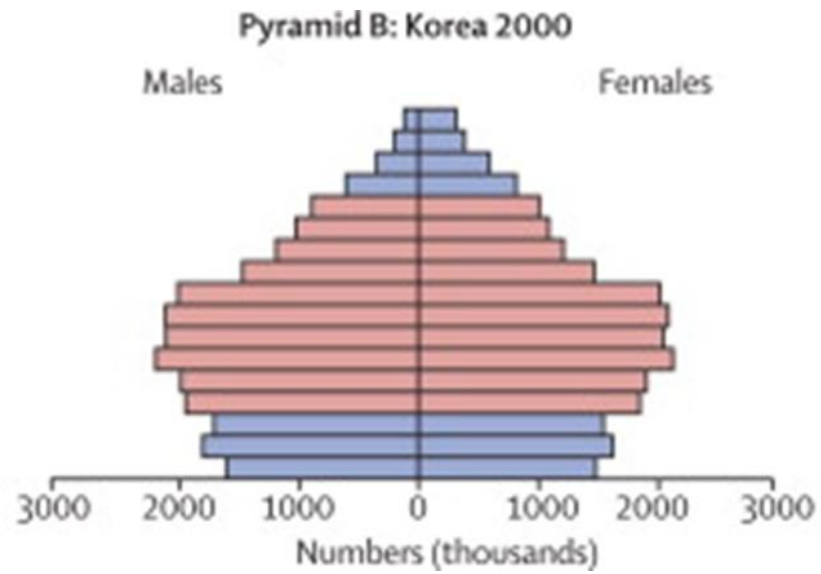
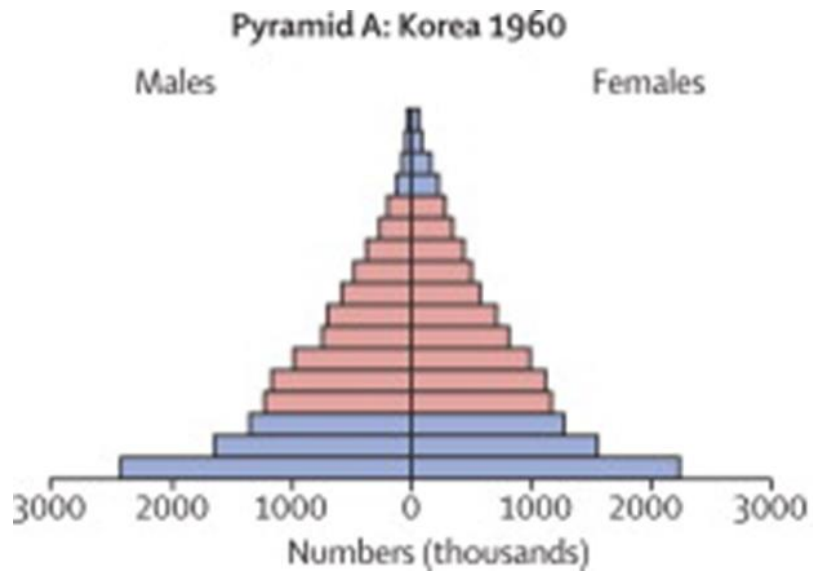


Source: National transfer Accounts estimates (ntaccounts.org)

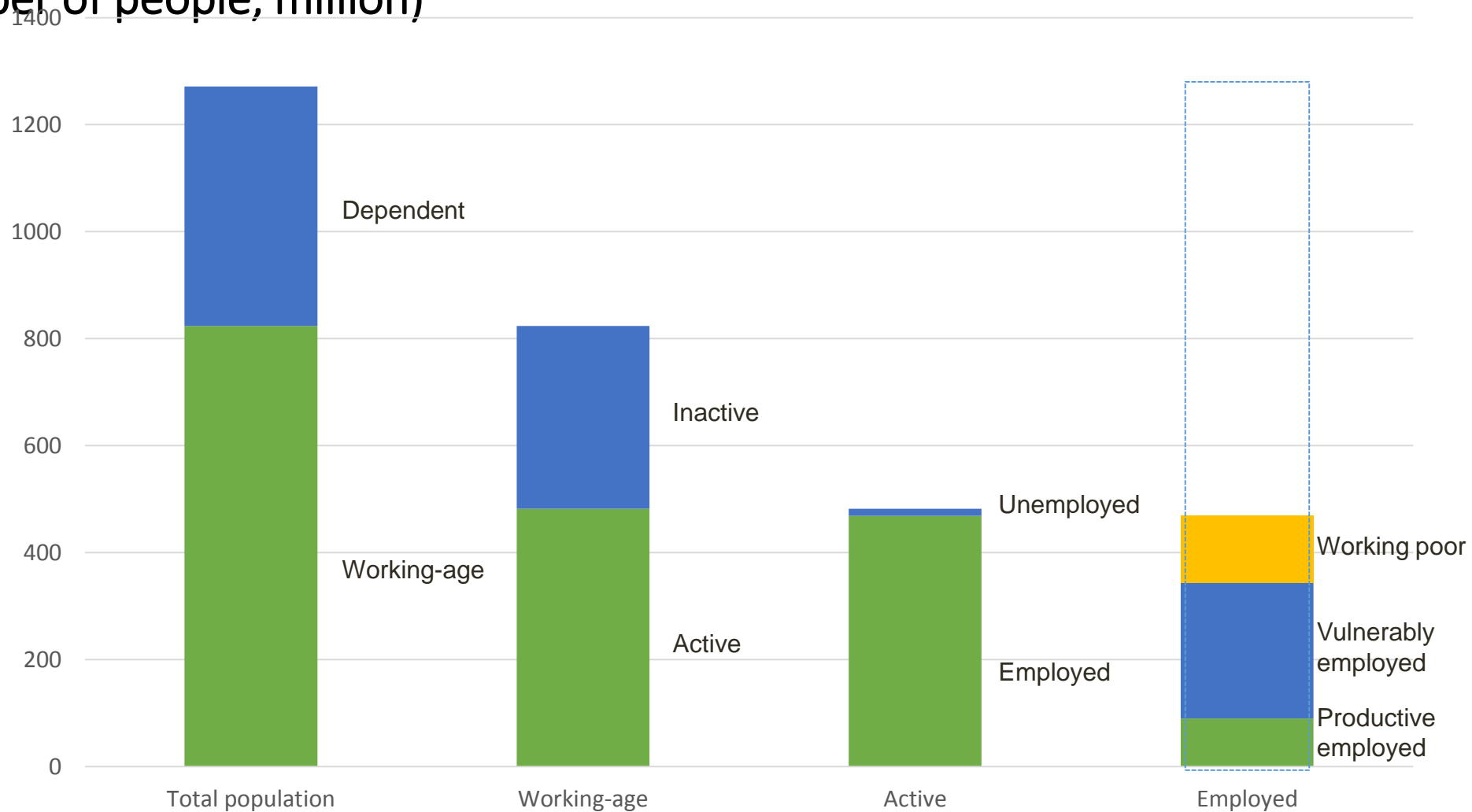


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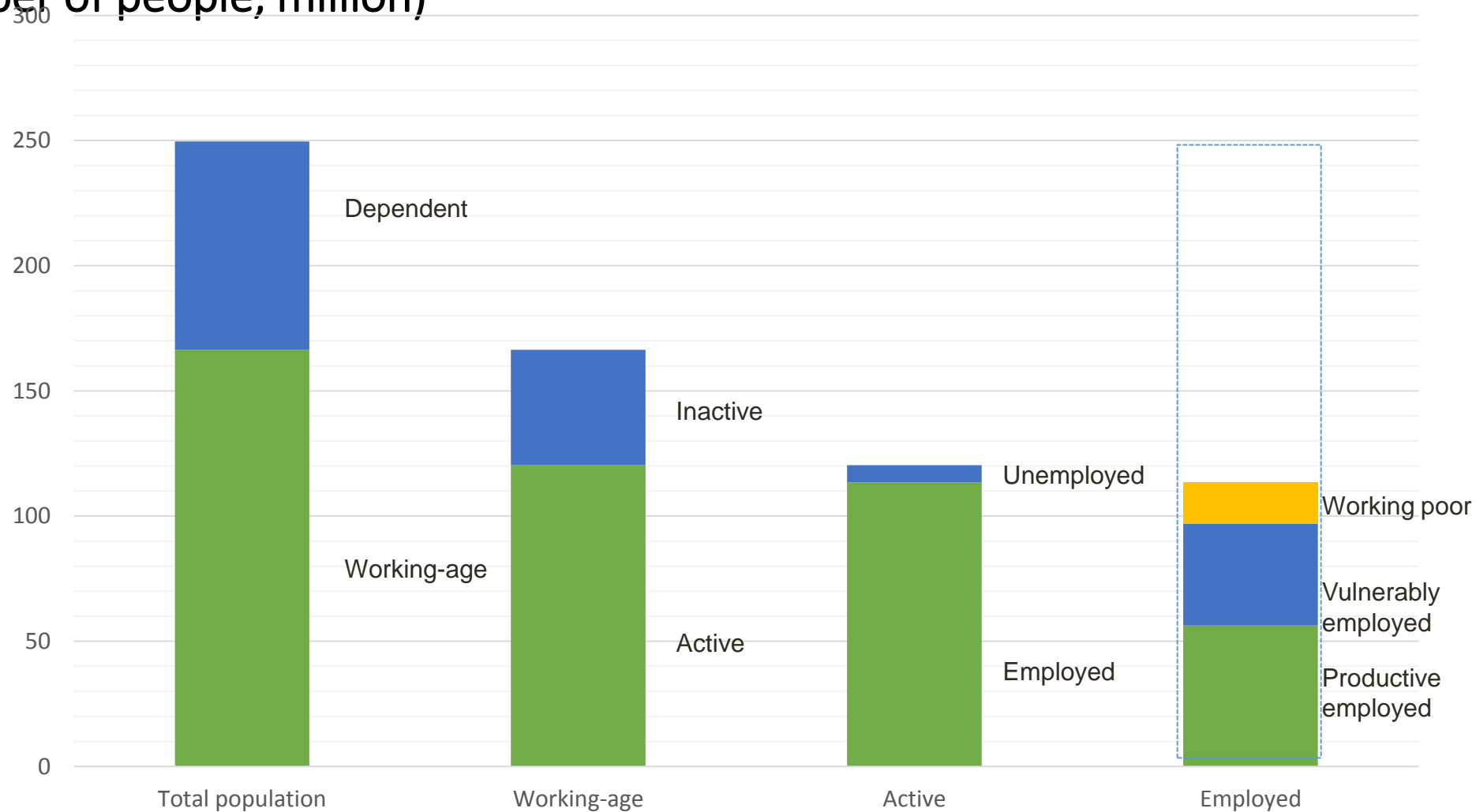
DD Tale of two countries



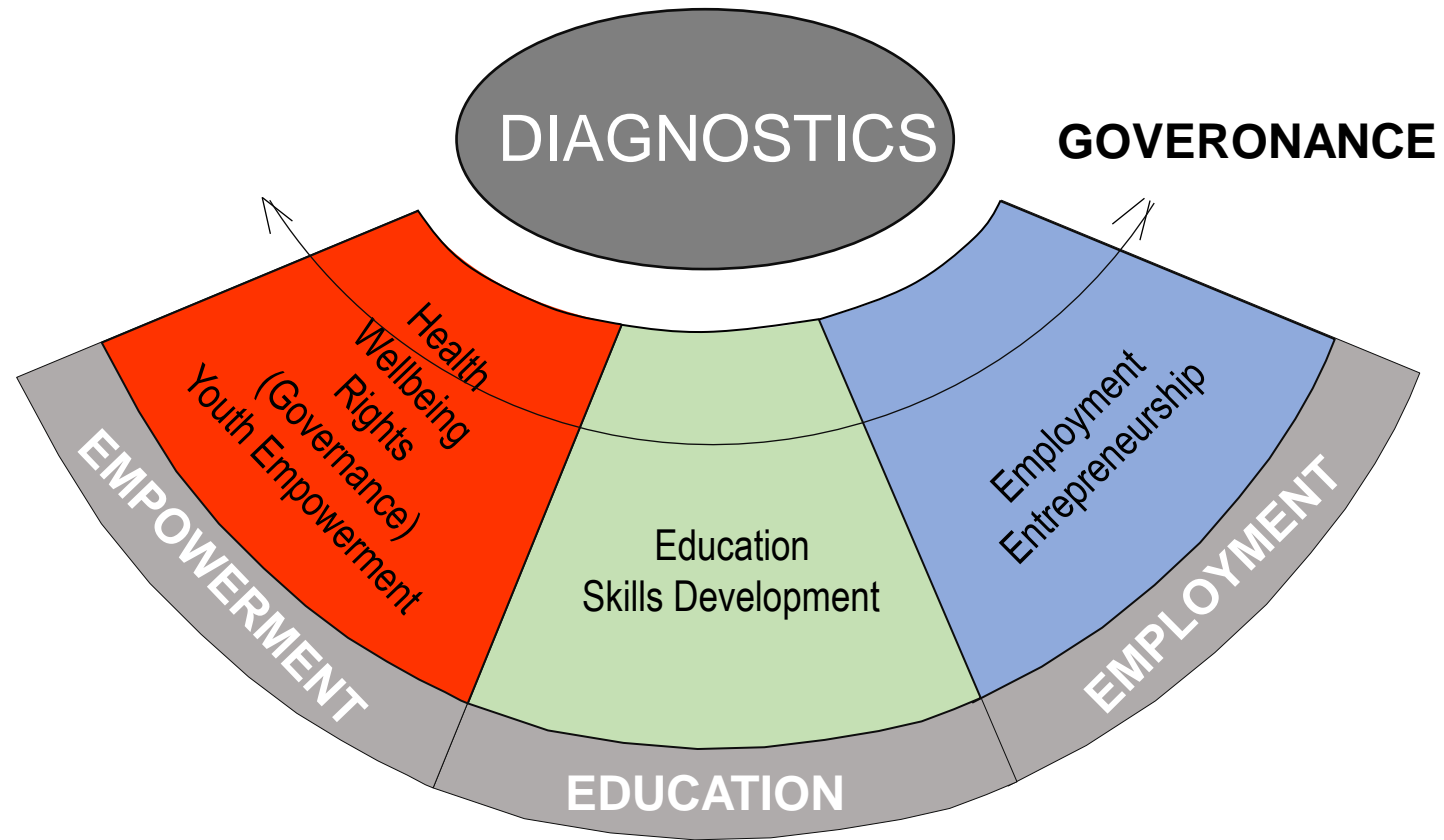
Breakdown of dependents in India, average 2010–2015 (Number of people, million)



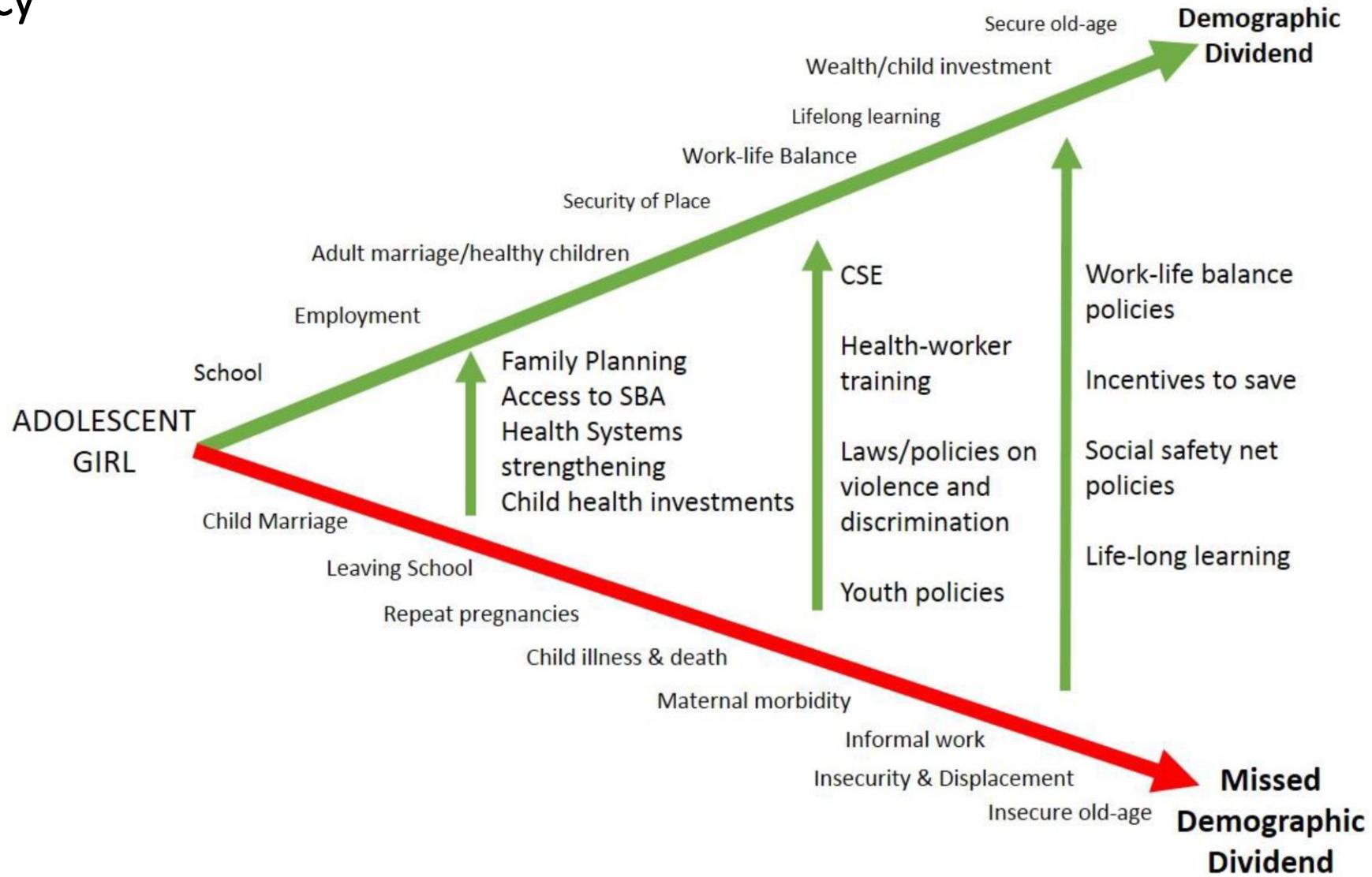
Breakdown of dependents in Indonesia, average 2010–2015 (Number of people, million)



DD Policy



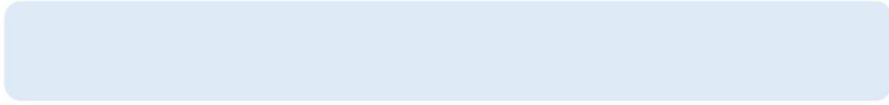
DD Policy



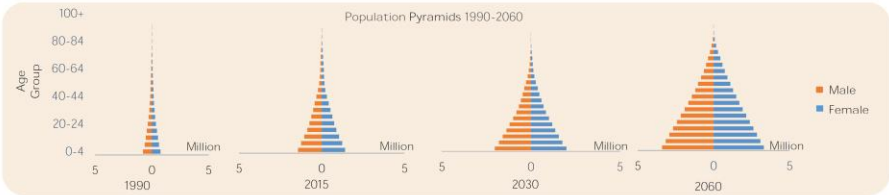
UNFPA's focus and work

- Diagnostics
 - Supporting collection, analysis and use of population data
 - Supporting population projections at national and sub-national levels
 - Mapping mortality, fertility and migration
 - Mapping people's basic characteristics, needs and inequalities
- Empowerment
 - Promoting sexual and reproductive health and rights
 - Promoting universal/ unrestricted access to care, information and services
 - Empowering women, adolescent girls and the marginalized
 - Reducing unwanted and teenage pregnancies
 - Ending child marriages, and other forms of gender-based violence
- Police dialogue/ national convenings

The Demographic Dividend in Zambia



POPULATION



Health Status

Life Expectancy at Birth (yrs) 2010-2015	57.2 (Male)	60.3 (Female)
Infant Mortality 2010-2015	55 deaths/1,000 live births	
Under-five Mortality 2010-2015	83 deaths/1,000 live births	
Maternal Mortality 2015	224 deaths/1,000,000 live births	
HIV/AIDS Prevalence 2015	12.9% of adults age 15-49	

National Goals

Share of youth age 15-24, 2014

National average: 16.8%

Population Status

Population in millions	16.2 (2015)	25.3 (2030)
Total Fertility 2010-2015	5.5 children/woman	
Population Residing in Urban Areas 2015	40.9% of population	
People Under Poverty Line 2010	64.4% of population	
Gini Coefficient 2010	55.6 (Range: 0 to 100)	

National Goals

EMPLOYMENT AND ENTREPRENEURSHIP

National Goals

Proportion of youth not in education, employment or training (NEET), %, 2012
 22.1 % of men age 15-24 34.2 % of women age 15-24

HEALTH AND WELL-BEING; SEXUAL AND REPRODUCTIVE HEALTH

National Goals

RIGHTS AND YOUTH EMPOWERMENT

Female genital mutilation (FGM)

Women age 15-49 who have undergone FGM
NO DATA

Child Marriage

Women age 20-24 married before 18, 2014
National average: 31.4% of women age 20-24 married before 18

Intimate partner violence

Women and girls (15+) subjected to violence by an intimate partner in the last 12 months, 2007

- 16% reporting sexual violence
- 40% reporting physical violence
- 24% reporting psychological violence

National Goals

EDUCATION AND SKILL DEVELOPMENT

National Goals

Data Sources:
 Population Pyramid: UN DESA Population Division 2015
 Population: UN DESA Population Division 2015
 UN AIDS: 2015, WHO: 2015, 2013-14 DHS
 World Bank: 2015
 Employment: ILO Key Indicators of the Labour
 Access to Sexual and Reproductive Health: Demand satisfied by modern methods/Skilled birth attendance: 2013-14 DHS and historic household surveys
 Gender Equality
 Intimate partner violence: UN DESA, Statistics Division, 2015
 Child marriage: 2013-14 DHS
 Education: Gender parity ratio: 2013-14 DHS
 Gross enrolment ratio: 2013 (primary), UNESCO Institute for Statistics

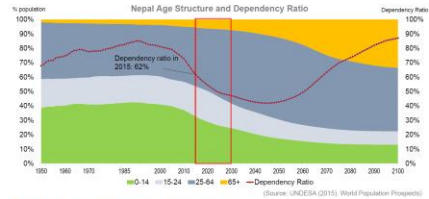
Sub-National Estimates of Human Capital Indicators: Localizing Investments for the Demographic Dividend



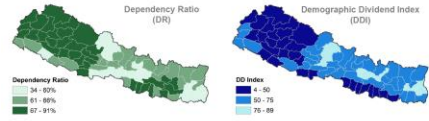
* Population and Development Branch | Technical Division, United Nations Population Fund | 2016

Low fertility and Population Momentum Shape Population Dynamics in Nepal

The demographic dividend is the accelerated development that can arise when a population has a relatively large proportion of working-age people coupled with effective human capital investment. We measure human capital needs at national and sub-national level using a "demographic dividend index" (DDI). We map dependency ratios and human capital indicators in employment, education and for all districts in Nepal and identify priority areas for investments to enhance prospects for a demographic dividend.



Identifying Priority Districts



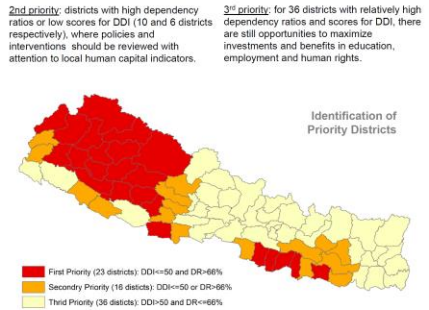
Priority Groups based on DDI and Dependency ratio

Number of Districts	DR=+66 DR=66		Total
	DDI<=0.50	DDI>0.50	
6	29	23	42
36	10	46	33
42	33	75	

1st priority: 23 districts with high dependency ratios and low scores for the DDI, where high priority should be given to providing sexual and reproductive health services (including contraception), leaving no one out of school, and ensuring access to decent work.

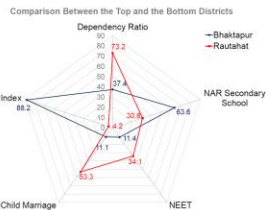
2nd priority: districts with high dependency ratios or low scores for DDI (10 and 6 districts respectively), where policies and interventions should be reviewed with attention to local human capital indicators.

3rd priority: for 36 districts with relatively high dependency ratios and scores for DDI, there are still opportunities to maximize investments and benefits in education, employment and human rights.

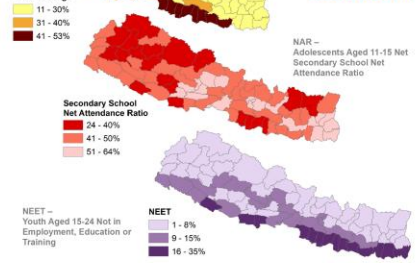


Comparing Indicators for Policy and Programming

The radar chart shows the best and worst performing districts in five dimensions. Two completely different realities. They also show clear opportunities for improving human capital indicators.



Mapping Human Capital Indicators at District Level



Projections to Year 2030 - Scenario Analysis

- In the **Constant scenario (K)** we maintain the observed situation in 2011 during the period 2015-2030.
- In **Scenario A (SA)**, each district will reach, by 2020, the 2011 situation observed for the best district.
- In **Scenario B (SB)**, we project, between 2015 and 2020, a 100% change in each indicator from the values observed in 2011.

Three Scenarios: Setting Targets for Each Indicator

Empowerment: Marriage/Union before age 18 among women aged 18-24

	2015	2020	2030
K (21.7)	551,464	609,359	612,278
SA(11.1)	--	242,503	--
SB(15.9)	--	--	193,242
Benefits	--	440,856	419,036

Education: Secondary school participation (%) among people aged 11-15

	2015	2020	2030
K (45.3)	1,846,704	1,740,043	1,522,525
SA(63.6)	--	1,158,649	--
SB(60.0)	--	--	557,038
Benefits	--	531,384	965,487

Employment: People aged 15-24 not in employment, education or training (%)

	2015	2020	2030
K (15.2)	906,830	980,968	862,431
SA(11.4)	--	735,332	--
SB(7.5)	--	--	425,494
Benefits	--	245,336	436,937

Empowerment

With **Constant scenario (K)**, the number of girls who will marry before age 18 will be 689,359 by 2020, yet with **Scenario A (SA)** the number would decrease to 242,513. With **Scenario B (SB)** in which child marriage is reduced by half that observed in 2011, the number would decrease to 193,242 by 2030, benefiting 419,036 girls.

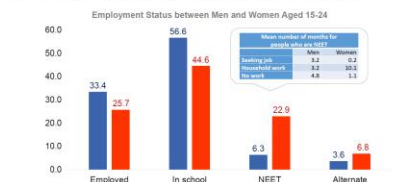
Urban and Rural Disparities



Gender Inequality

In both urban and rural areas, we observe disparities between men and women classified as NEET. In rural area, the proportion of men who are NEET is 6.5%, while 22.4% for women.

While women who are NEET spend much time (10 months of 12) in household work, their male counterparts distribute their time more evenly across distinct activities



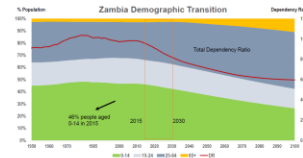
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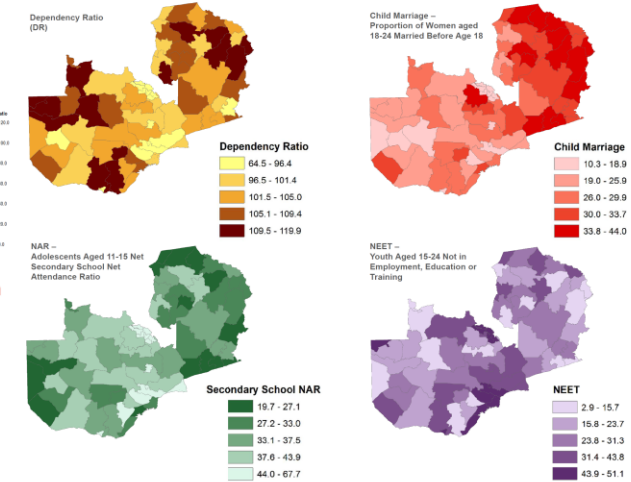
* Population and Development Branch | Technical Division, United Nations Population Fund | 2016

Zambia

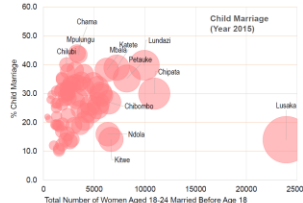
Decreased fertility and Population Momentum Shape Population Dynamics



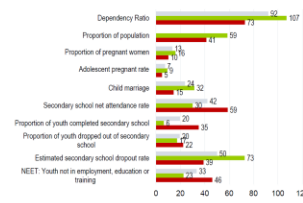
Mapping Human Capital Indicators at District Level



Total Number versus Proportion for Policy and Programming



Urban vs Rural (in %)



Projections to Year 2030

In the **Constant scenario (K)** we maintain the observed situation in 2011 during the period 2015-2030. In **Scenario A (SA)**, each district will reach, by 2020, the 2011 situation observed for the best district. In **Scenario B (SB)**, we project, between 2015 and 2030, a 100% change in each indicator from the values observed in 2011.

Empowerment: Under Scenario SB, the number of child marriage would decrease to only 150 thousand by year 2020, and 200 thousand by year 2030, over 200 thousand girls would benefit from the policy and not marry before age 18 during in 2030.

Education: Under Scenario SB, the total number of children in secondary school will be more than 1.8 million in year 2020 and 2.4 million children in 2030. It would be more than a million children aged 11-15 who would otherwise be out of school.

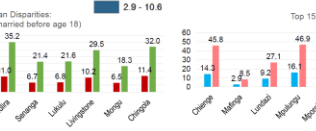
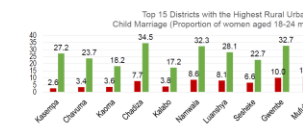
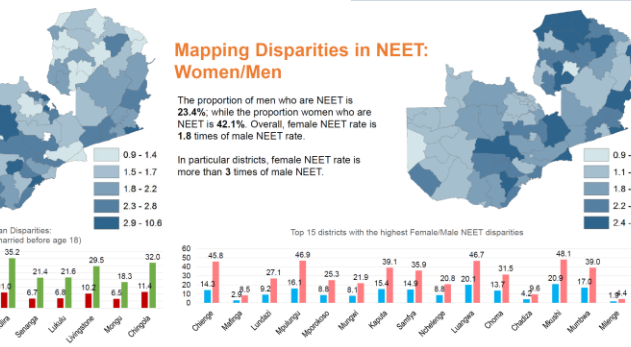
Employment: Under Scenario B, if the NEET values are reduced by half to 16.7% in 2030, close to 500,000 additional young people will be employed, in education, or in training.

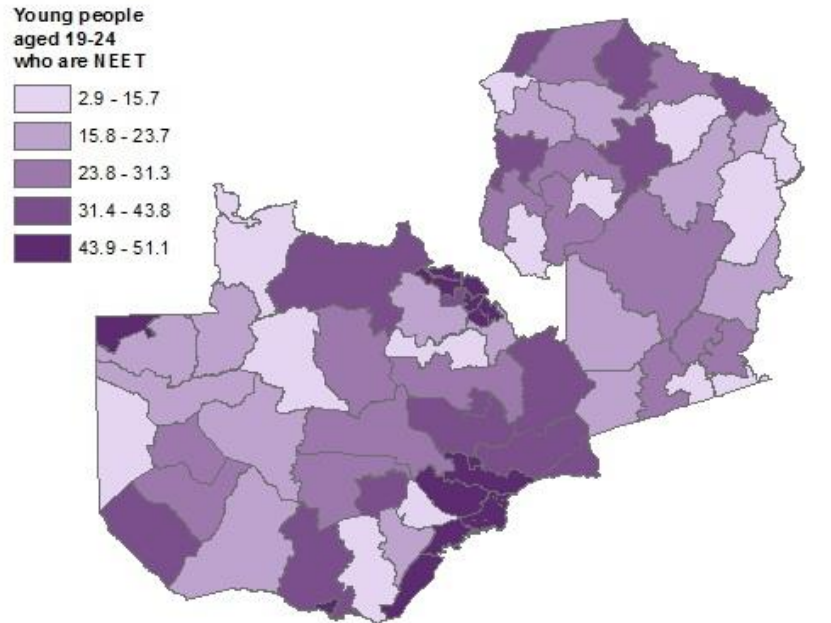
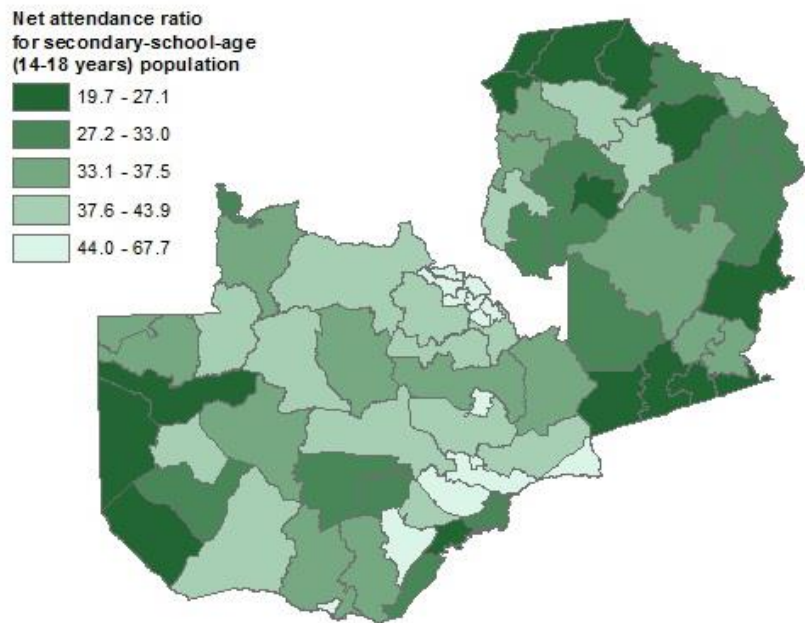
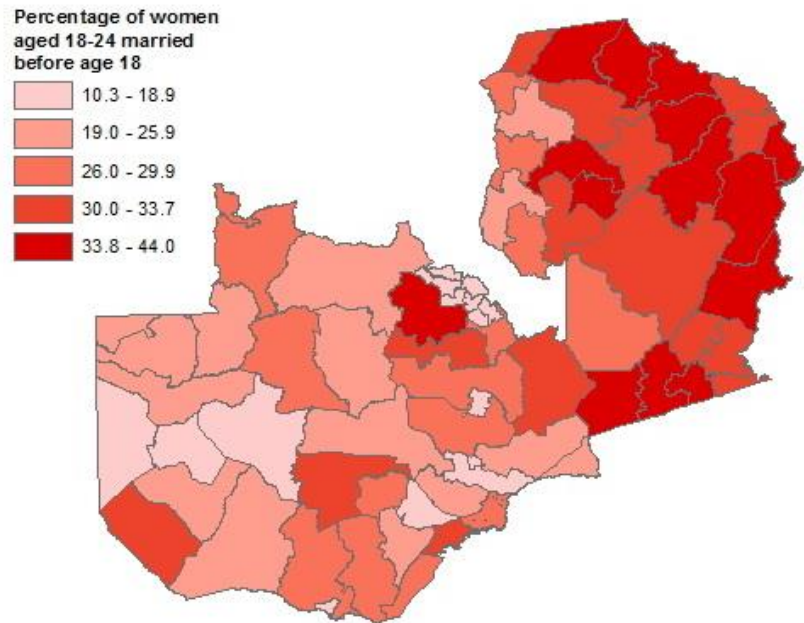
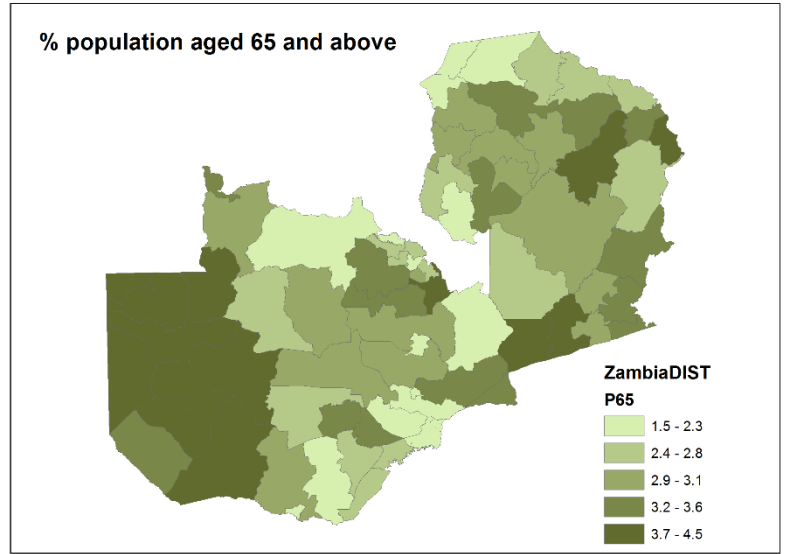
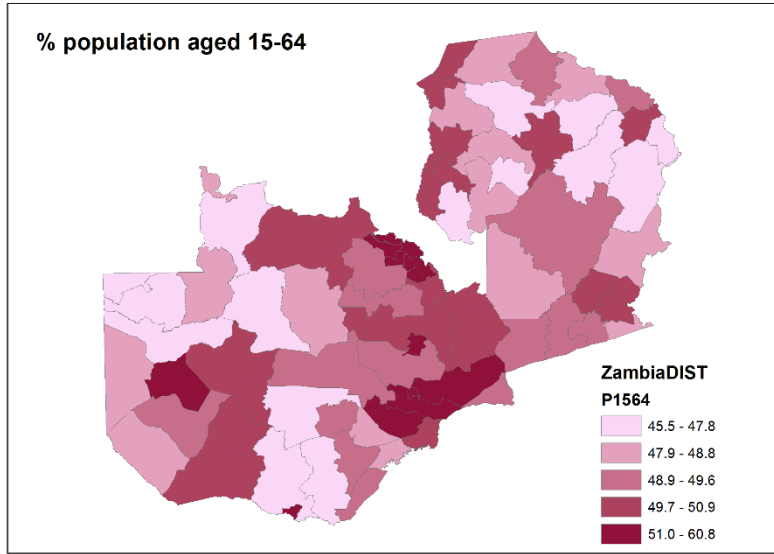
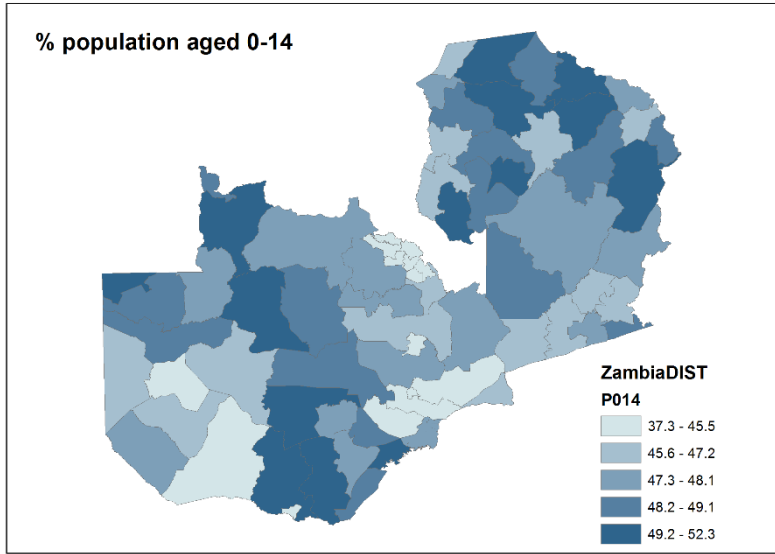
	2010	2015	2020	2025	2030
EMPLOYMENT					
K (23.8)	228,270	266,956	298,819	352,171	408,270
SA(10.3)	111,221	129,342	152,435	176,717	176,717
SB(11.9)	128,489	149,434	176,114	204,188	204,188
Benefits(SB)	128,457	149,385	176,057	204,102	204,102
SECONDARY SCHOOL PARTICIPATION (%)					
K (42.2)	682,248	788,229	907,219	1,052,852	1,187,771
SA(10.7)	322,867	468,038	688,451	906,910	906,910
SB(14.4)	1,537,111	1,915,209	2,198,199	2,376,552	2,376,552
Benefits(SB)	788,982	907,991	1,053,547	1,188,781	1,188,781
15-24 NOT IN EMPLOYMENT, EDUCATION OR TRAINING (%)					
K (18.4)	538,421	607,730	704,868	832,835	971,457
SA(2.9)	52,789	61,227	72,325	84,383	84,383
SB(16.7)	303,981	352,580	416,490	485,931	485,931
Benefits(SB)	303,739	352,287	416,144	485,527	485,527

Mapping Disparities in Child Marriage(CM): Rural/Urban

In urban area, the proportion of CM is 15%, while in rural, the proportion of CM is 32%. Overall, CM rate in rural is 2 times of CM rate in urban.

In particular districts, CM rate in rural can reach 10 times of CM rate in urban (darker color in the map presents higher rural/urban disparities).





Conclusions

- Demographic transition -- demographic dividend.
- Demographic dividend – critical drivers
 - Rights
 - Health
 - Education
 - Work
 - Governance
- Key factor – sexual and reproductive health and rights
- Focus – women and adolescents, especially girls

Conclusions

- SRHR is not enough to ensure full, productive and remunerative employment, or the realization of the demographic dividend.

BUT

- SRHR is essential for promoting the demographic transition and creating the condition for a demographic dividend
- SRHR is essential for human capabilities and development of human capital.
- SRHR is a human right which makes a big difference for people and countries.

UNFPA

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every pregnancy is wanted
every childbirth is safe and
every young person's
potential is fulfilled



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