

Disaggregating National Accounts by Age and Gender

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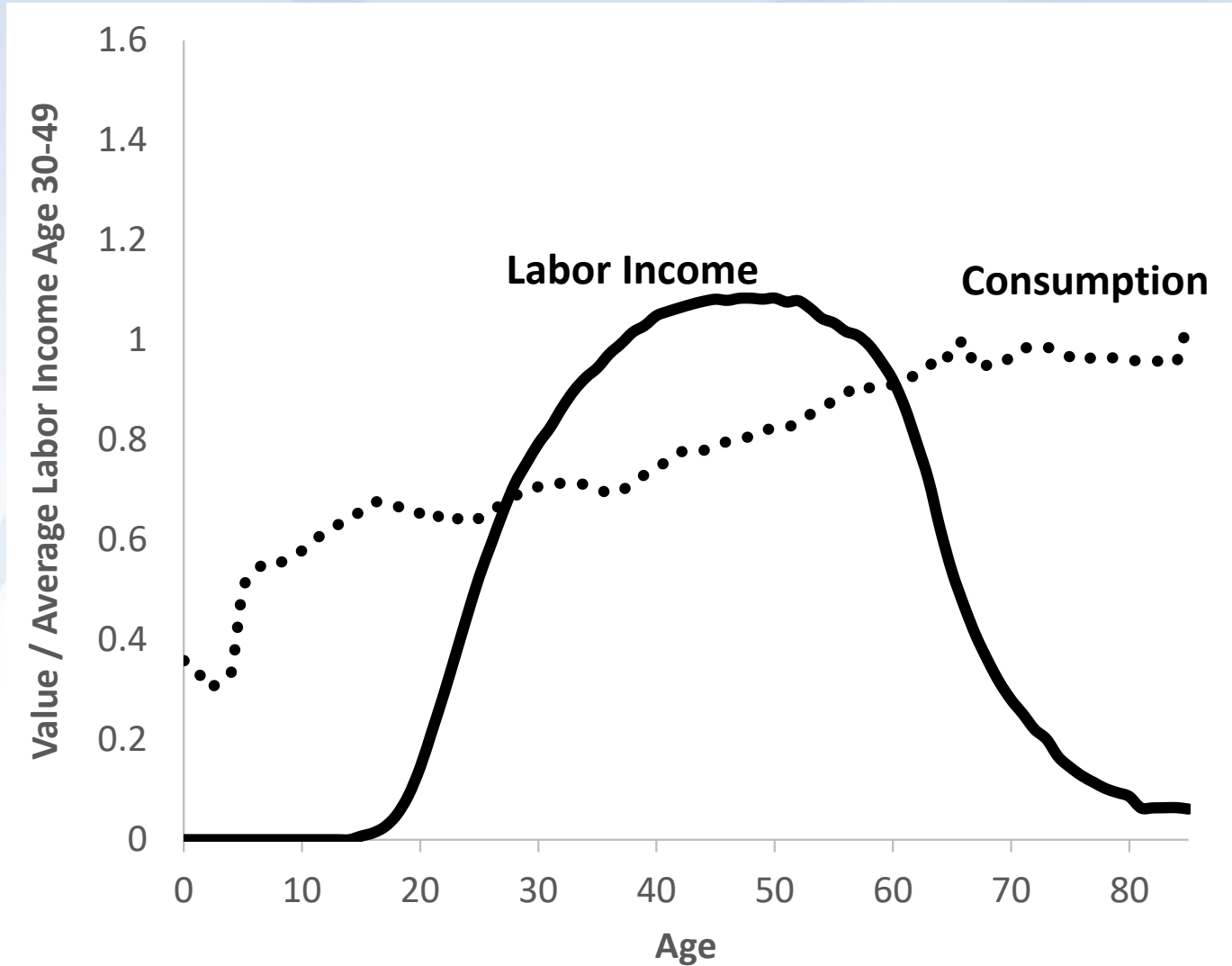
United Nations Network of Economic Statisticians
Fourth Beyond GDP Sprint Meeting

Population, Society and Well-being: Socio-demographic disaggregation of National Accounts

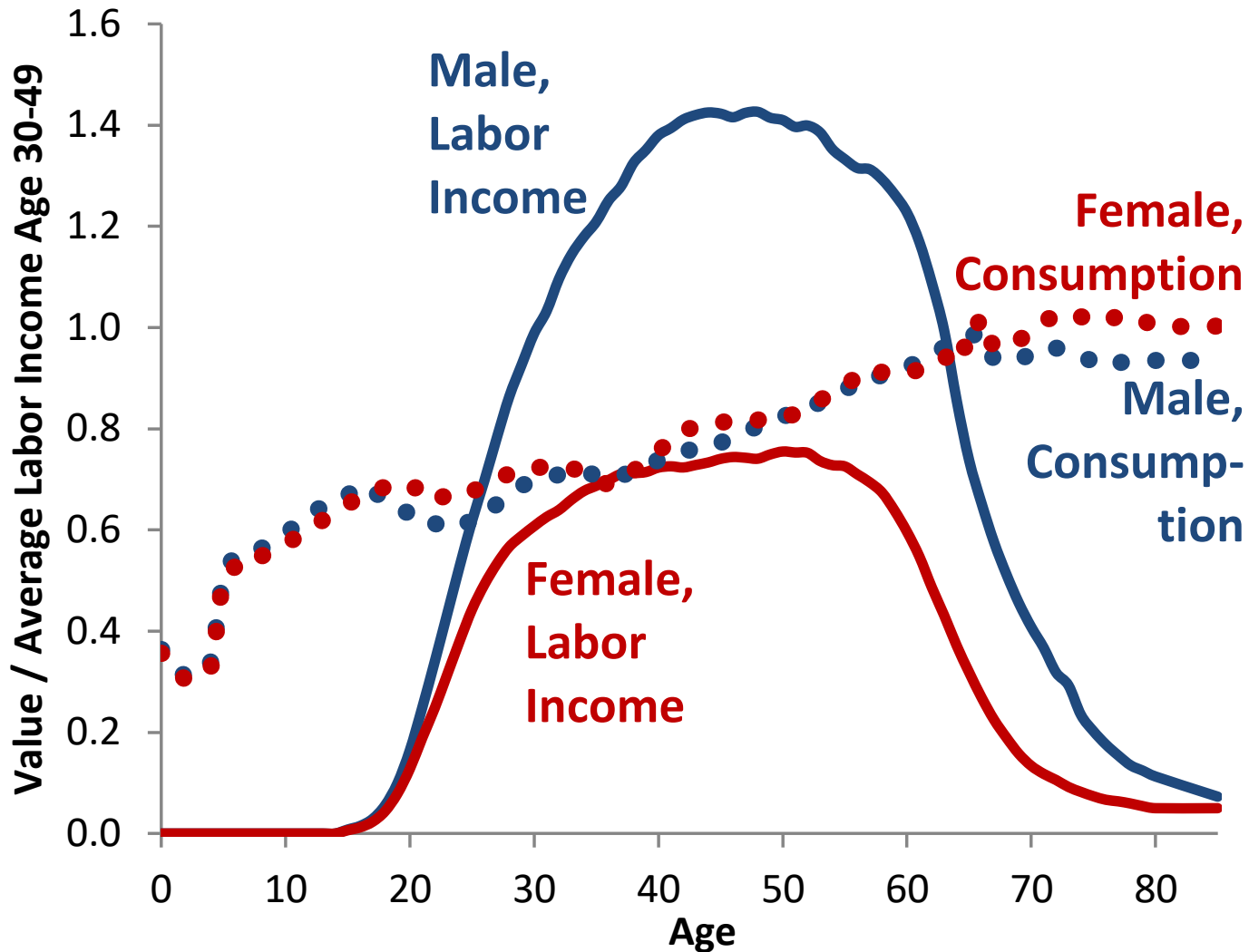
21 April 2022, 9:00 am to 12:00 pm (New York time) | United Nations, Virtual Meeting



The average

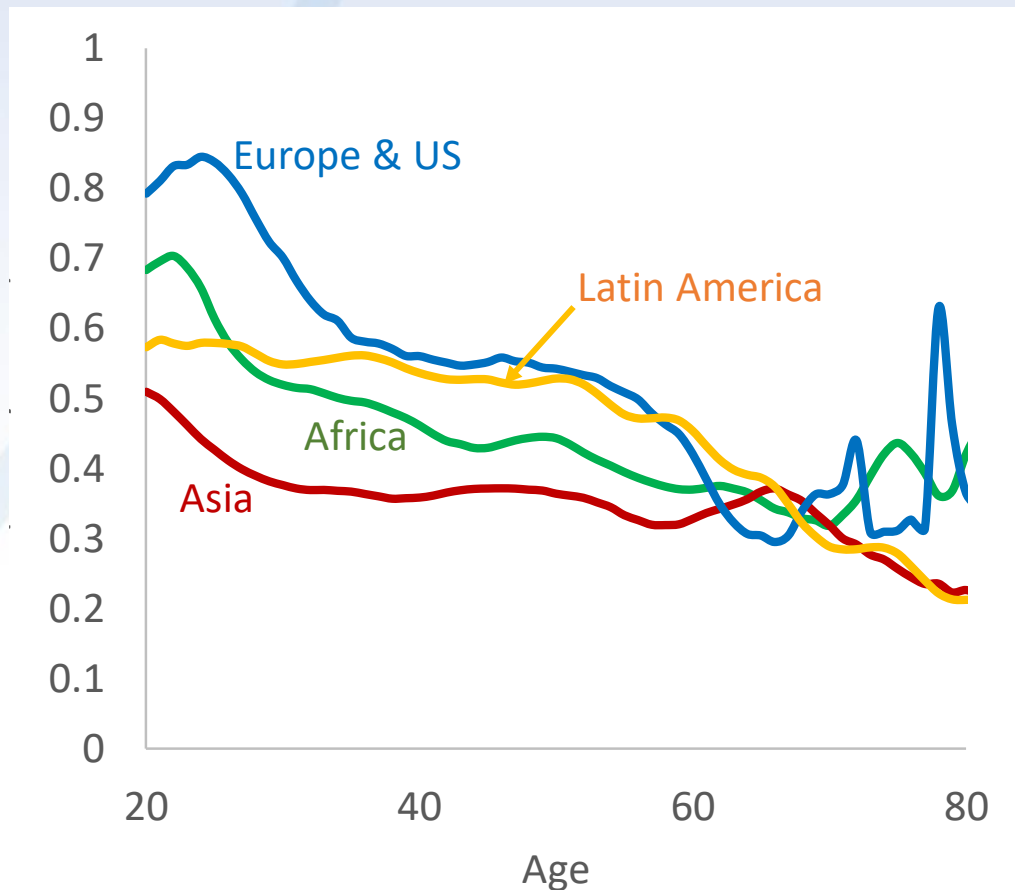


The average by gender



Generational and gendered economies

- Ratios of female/male labor income



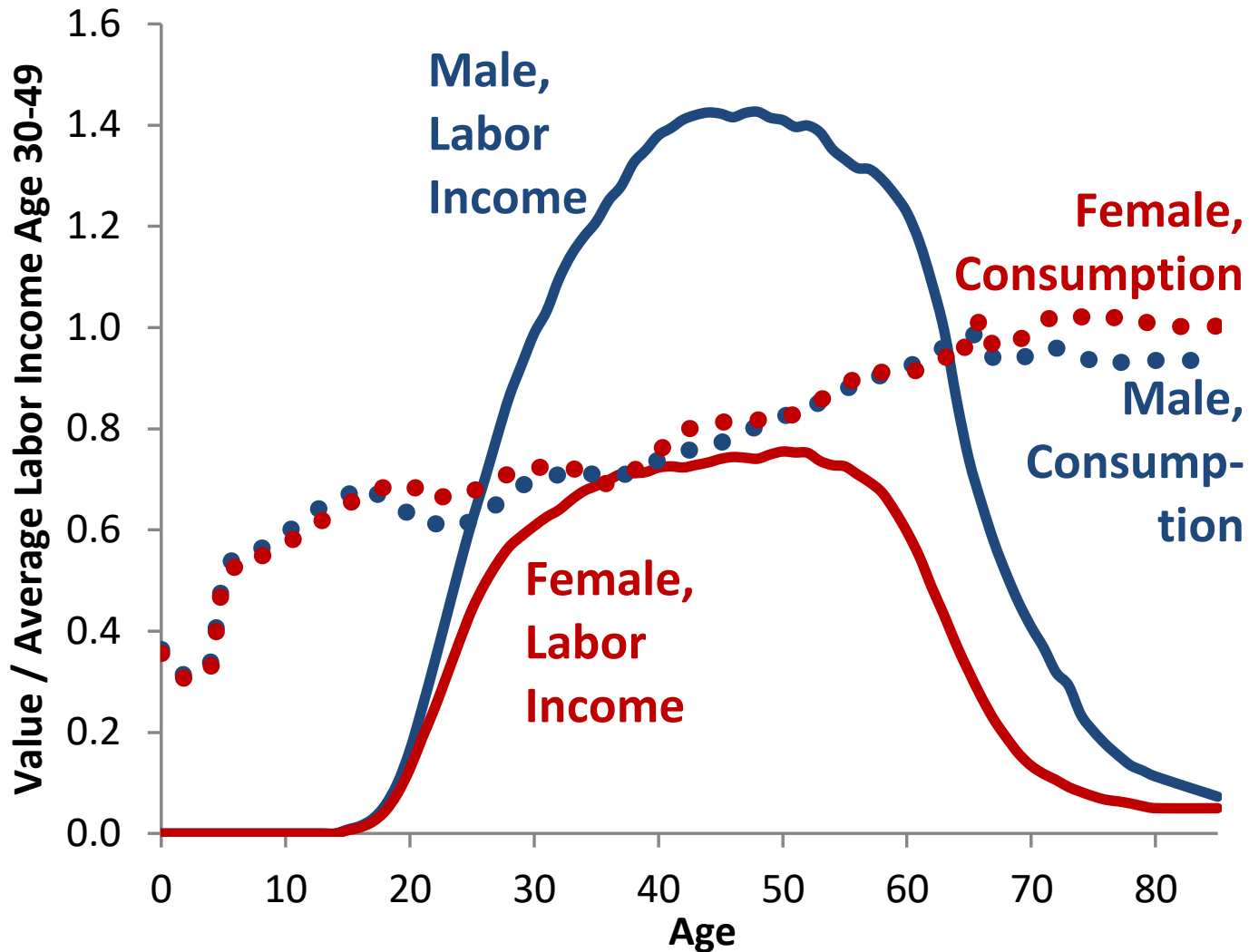
Africa: Ghana, Senegal, South Africa

Asia: India, Vietnam, Turkey

Latin America: Colombia, Costa Rica, Mexico, Uruguay

Europe & US: Germany, Italy, Spain, US

The average by gender



What is missing?

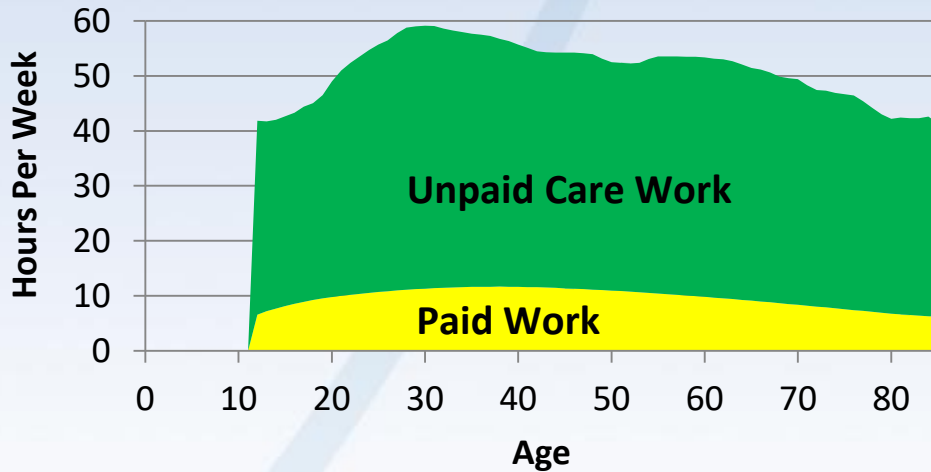
| Intended destination of production | for own final use | | | for use by others | | | | | |
|------------------------------------|--|--|--|--|--|--|--|----------------------------------|---|
| | Own-use production work | | Employment (work for pay or profit) | Unpaid trainee work | Other work activities | Volunteer work | | | |
| Forms of work | of services | of goods | | | | in market and non-market units | in households producing | | |
| | | | | | | goods | services | | |
| ICATUS 2016 | 4. Unpaid caregiving services for household and family members | 3. Unpaid domestic services for household and family members | 2. Production of goods for own final use | 1. Employment and related activities | | | 5. Unpaid volunteer, trainee and other unpaid work | | |
| | | | | 11. Employment in corporations, government and non-profit institutions | 12. Employment in household enterprises to produce goods | 13. Employment in households and household enterprises to provide services | 53. Unpaid trainee work and related activities | 59. Other unpaid work activities | 51. Unpaid direct volunteering for other households** |
| Type of work | Unpaid work (unpaid care work, domestic work and production of goods for own final use*) | | | | | | Unpaid work (community, volunteer, trainee work) | | |
| Relation to 2008 SNA | | | | Activities within the SNA production boundary | | | | | |
| | | | | Activities inside the SNA General production boundary | | | | | |

What is missing?

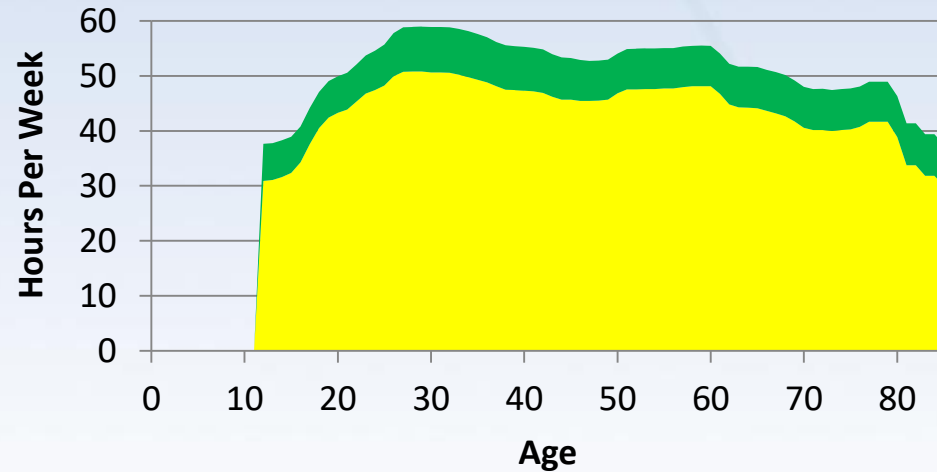
| | | | | | | | | | |
|---|--|--|--|--|--|--|--|----------------------------------|---|
| <i>Intended destination of production</i> | <i>for own final use</i> | | <i>for use by others</i> | | | | | | |
| <i>Forms of work</i> | Own-use production work | | Employment (work for pay or profit) | Unpaid trainee work | Other work activities | Volunteer work | | | |
| | of services | of goods | | | | in market and non-market units | in households producing | | |
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| <i>Relation to 2008 SNA</i> | | | | Activities within the SNA production boundary | | | | | |
| | Activities inside the SNA General production boundary | | | | | | | | |

What is missing?

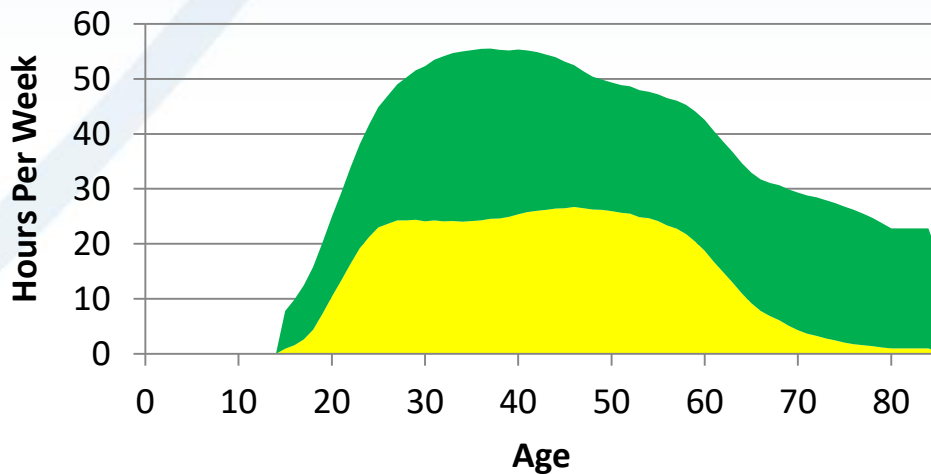
Females, Mexico



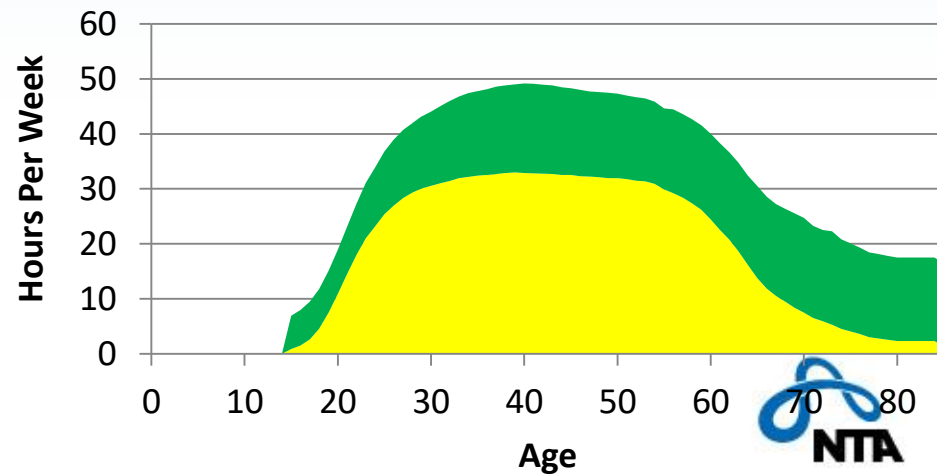
Males, Mexico



Females, US

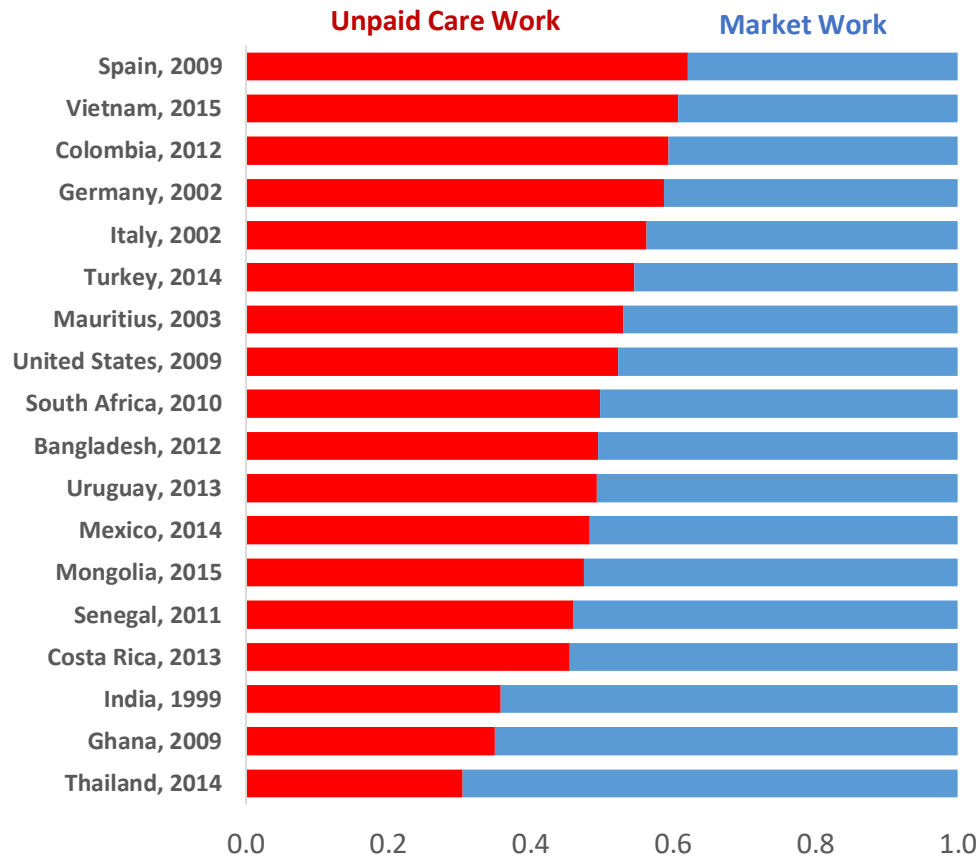


Males, US



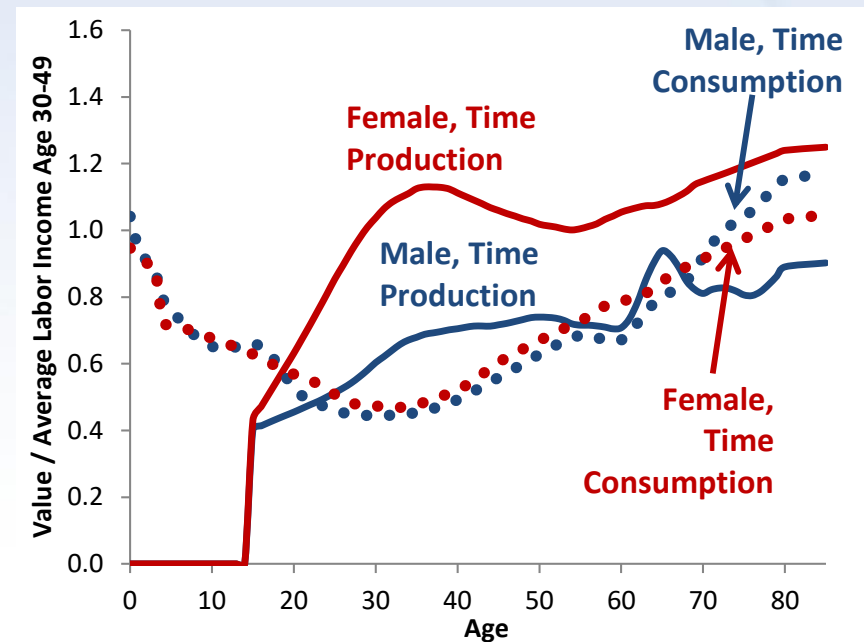
What is missing?

Distribution of total work hours

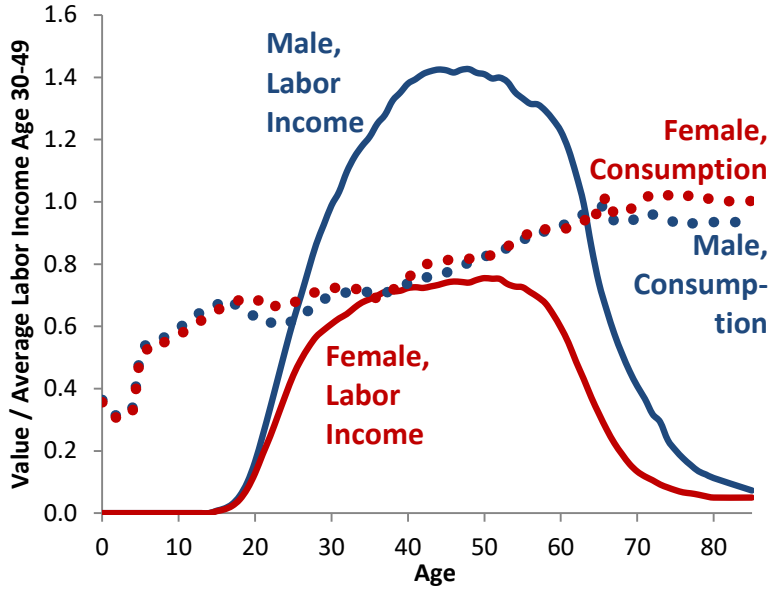


National Time Transfer Accounts

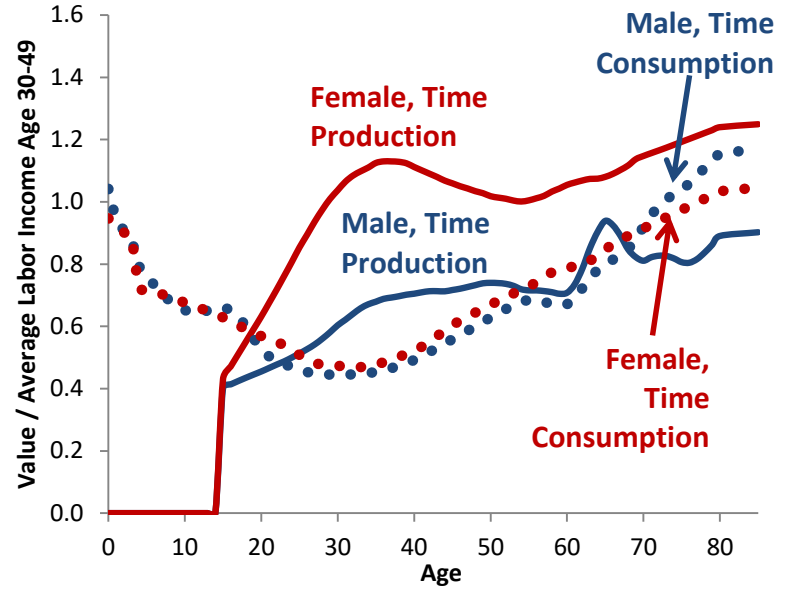
- Measure unpaid care work in time use surveys
- Value time at replacement wage
- Impute consumption of that time to household members and society



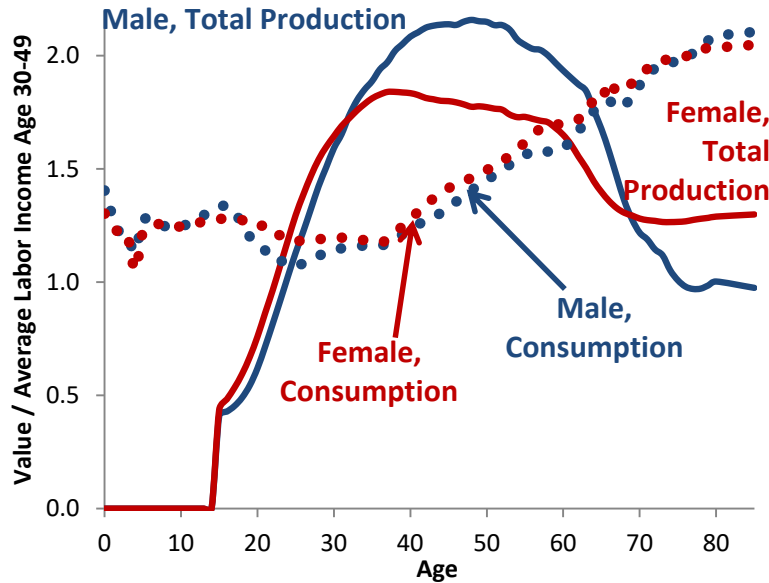
Market (\$)



Household (🕒)



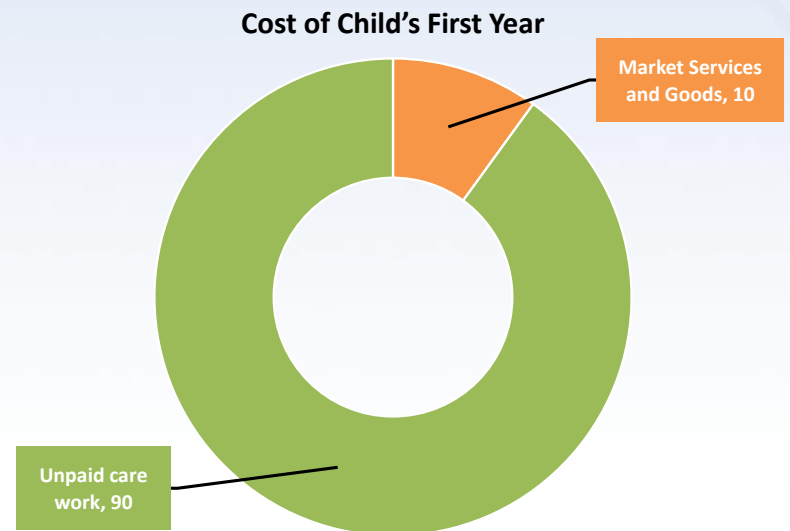
Total



US

How does seeing this help us?

- Values people's full contributions to our economies and societies
- Reveals policy blind spots
- Supports more time use data collection
- Gives more accurate measures of dependency and impacts of population aging



Average across 22 countries.

The “true” cost of dependency



- UCW makes up a large part of total consumption
- Children consume more UCW than elders

Averages are age-standardized.