



Parallel Session 1 (April 20_1:00-4:30PM)

Tracking the Lives of Filipino Adolescents: Through Puberty, COVID-19 and the SDG Youth Agenda Implementation

UNIVERSITY RESEARCH CONFERENCES



April 19-20, 2023



April 20-21, 2023



April 21-22, 2023

Longitudinal Cohort Study on the Filipino Child (LCSFC)

Status of Filipino Children: ages 10-15
Preliminary results: age 16

Profile: Human capital formation



Session schedule

1:00 PM	LCSFC Overview 3 paper presentations
2:20 PM	Open Forum
2:30 PM	Health break
3:00 PM	3 paper presentations Summary of Findings and Policy Implications
4:20 PM	Open Forum





Overview: The Longitudinal Cohort Study on the Filipino Child (LCSFC)

Judith B. Borja

USC-Office of Population Studies Foundation, Inc.

UNIVERSITY RESEARCH CONFERENCES



April 19-20, 2023



April 20-21, 2023



April 21-22, 2023

The Longitudinal Cohort Study on the Filipino Child
is jointly supported by the
Philippine Government, UNFPA, UNICEF
and the Australian Government.

Research findings presented in this session were additionally
supported by the Joint SDG Fund.



Research Collaboration

Implementing institution:

Lead Investigators: Dr. Nanette L. Mayol and Dr. Judith B. Borja
USC-Office of Population Studies Foundation, Inc. (OPS)
University of San Carlos

Luzon:

Coordinator: Dr. Elma P. Laguna
Demographic Research and Development Foundation (DRDF)
University of the Philippines

Visayas:

Coordinators: Dr. Maria Fiscalina A. Nolasco and Marjury E. Dino
Center for Social Research and Education (CSRE)
University of San Carlos

Mindanao:

Coordinator: Dr. Chona Patricia R. Echavez
Research Institute for Mindanao Culture (RIMCU)
Xavier University

Consultants:

Dr. Alejandro N. Herrin (Policy Adviser), Francisco M. Largo and Jan Lorenzo G. Alegado (Policy Analysis)
Dr. Erniel B. Barrios (Statistics), Dr. Delia E. Belleza (Psychology)

The Longitudinal Cohort Study on the Filipino Child (LCSFC)



GOAL:

To examine how the

Sustainable Development Goals (SDGs) influence the lives of Filipinos from childhood through young adulthood throughout the **SDG implementation period: (2015-2030)**; collecting data on 13/17 goals.

The study is designed to prospectively observe a **nationally representative cohort** of Filipinos (across Luzon, Visayas, Mindanao) who were **age 10 in 2016, and track their lives until age 24 in 2030.**

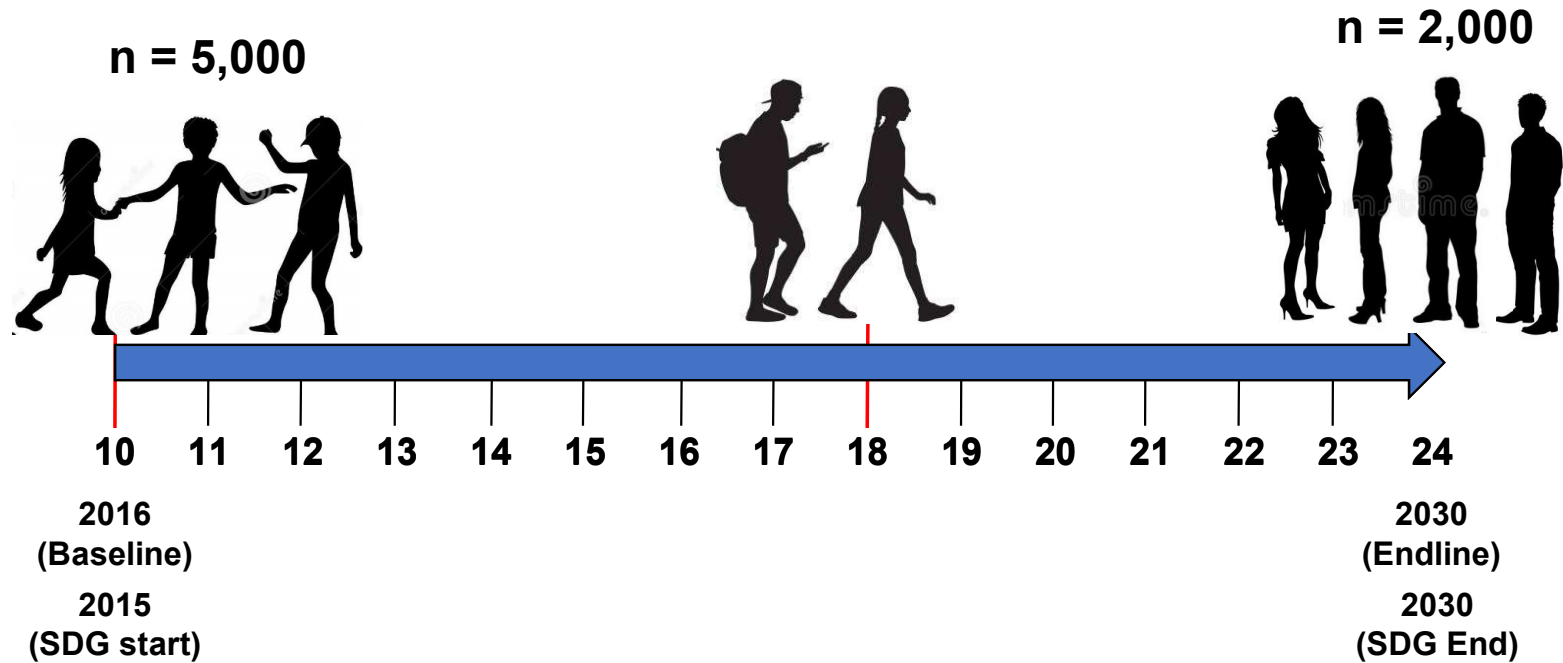
SDGs and the Philippine youth bulge



The SDG implementation (2015-2030) falls within the projected **youth bulge** period for the Philippines (2015-2050) when a historic increase in the 15-29 age group population is expected, potentially increasing the critical mass of productive/working age Filipinos.

For this demographic phenomenon to translate into economic growth, the country needs to **maximize all opportunities provided by the SDG agenda** in strengthening the **human capital foundation** of the children comprising this potential work force.

The LCSFC tracks key milestones in the cohort's life course through yearly data collection waves



Pubertal transition Sexual experiences, reproductive behaviors/pregnancy

Elementary Junior HS Senior HS College Post grad

Entry into labor force and work trajectories -----

 Cohabitation/Marriage Parenthood-----

Survey Timeline and Cohort Status

Waves	Date Collection Duration	Sample size (Retention rate)	Mean cohort age/ Grade levels (majority)
Wave 1 (home visit/community survey)	Nov 2016 to Jan 2017	4,952	10.5/Gr 4-5; (98% enrolled)
Wave 2 (home visit/community survey)	Feb to Apr 2018	4,734 (95.6%)	11.8/Gr 5-6
Wave 3 (home visit/community survey)	Jan to Jun 2019	4,662 (94.1%)	12.8/Gr 6-7
Wave 4 (home visit/community survey)	Jan to Mar 2020	3,079 (62.2%)	13.7/Gr 7-8
Wave 4A (supplemental phone survey)	Nov 2020	3,182 (64.3%)	14.4/Gr 8-9
Wave 5 (regular survey by phone)	Jun to Aug 2021	4, 192 (84.7%)	15.0/Gr 8-9 (same AY; 96% enrolled)
Wave 5A (community survey and tracking of households lost to follow-up)	Mar to May 2022		
Wave 6 (home visit)	Oct to Dec 2022	4,487 (90.6%)	16.4/Gr 10-11

Tracking the lives of Filipino adolescents through **PUBERTY**



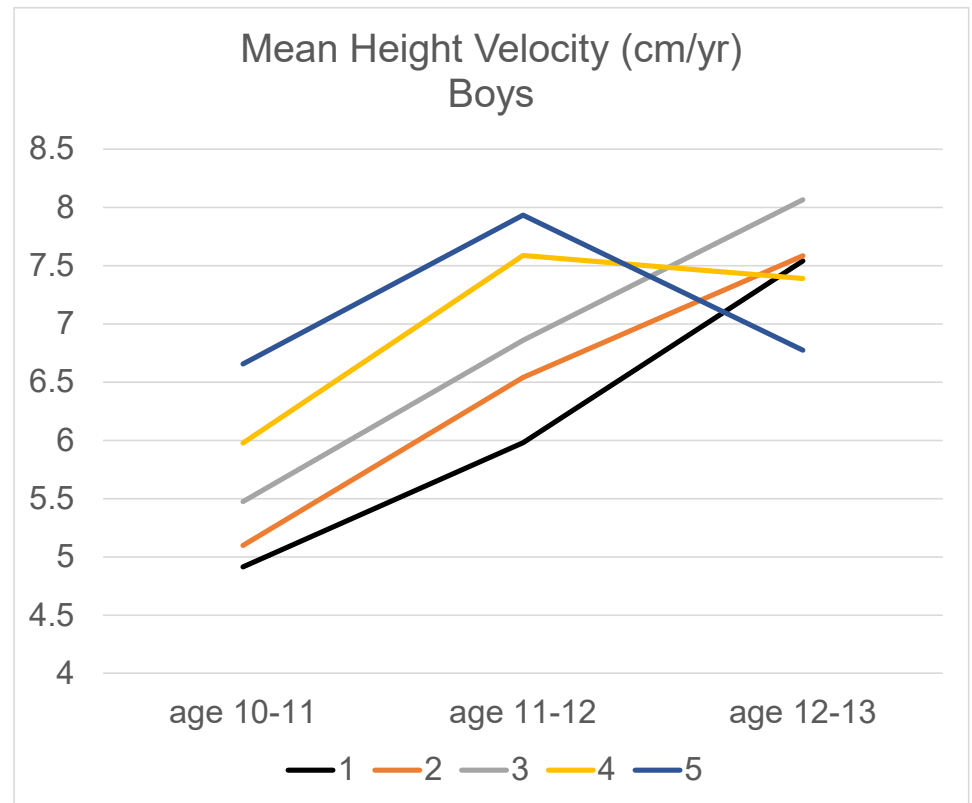
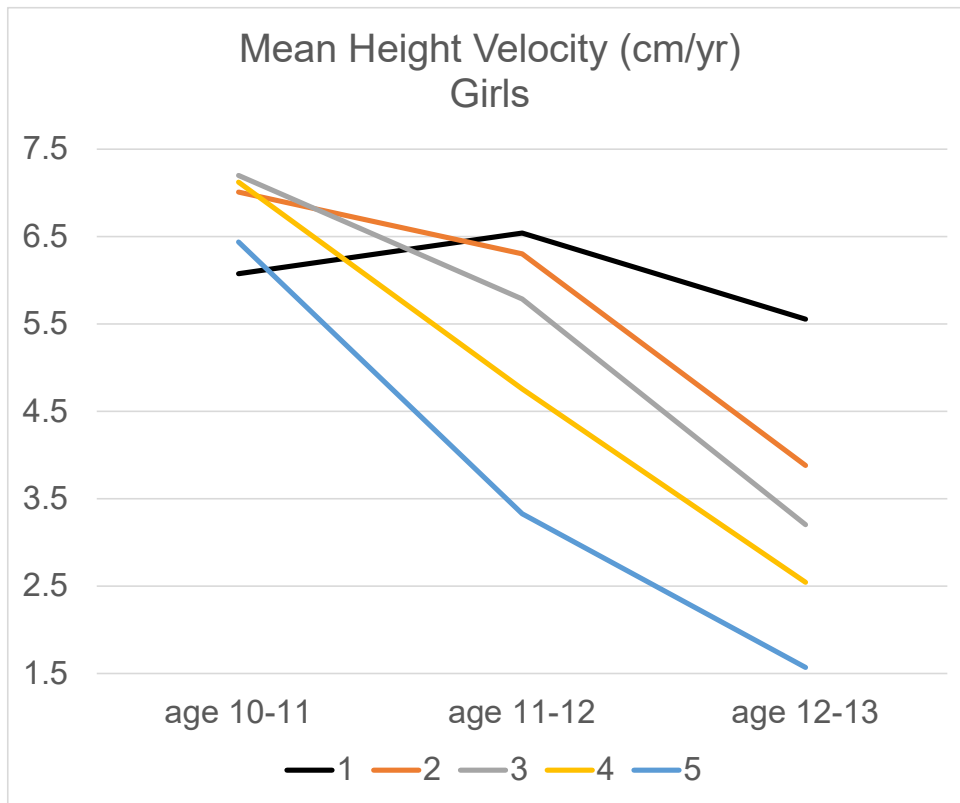
Pubertal transition years (ages 10-16)

- Critical developmental period to adulthood
- Marked by rapid growth and physical changes
- Shift to more advanced cognitive abilities/thinking processes
- Transition to more complex psychosocial processing of experiences and reactions to the environment



Girls mature earlier, are taller than boys at ages 10-12

From age 10: growth spurt in girls declining; while still increasing among boys



Stages of puberty: 1=pre-pubertal 5=adult development

Tracking the lives of Filipino adolescents through puberty, COVID-19



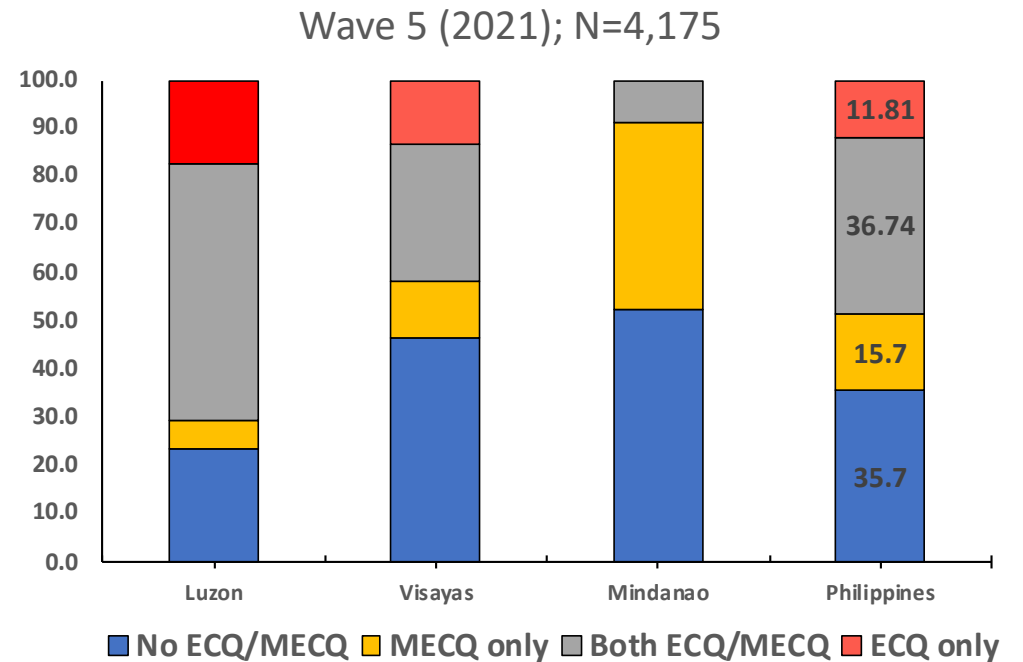
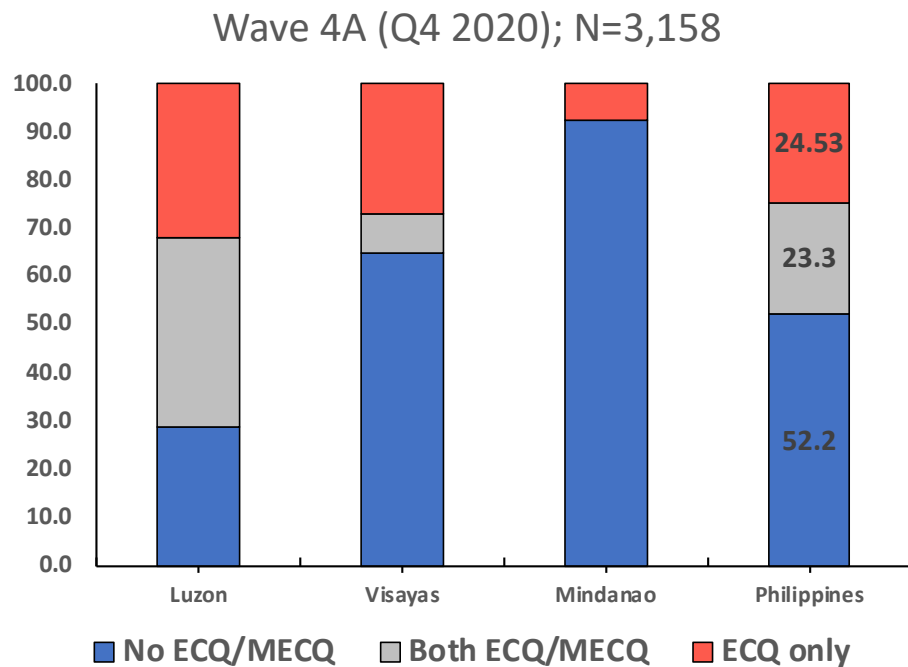


Relevant COVID-19 implications on youth

- School curriculum shifted from classroom-based to distance learning
- Community quarantine requirements; restricted mobility among youth



Higher % of LCSFC households in Luzon under Enhanced Community Quarantine (ECQ) and modified ECQ (MECQ)



Surveys by Pandemic Stage

Waves	Date Collection Duration	Mean age	Pandemic Stage
Wave 1	Nov 2016 to Jan 2017	10.5	Pre-pandemic
Wave 2	Feb to Apr 2018	11.8	
Wave 3	Jan to Jun 2019	12.8	
Wave 4	Jan to Mar 2020	13.7	Immediate pre-pandemic
Wave 4A (suppl. phone survey)	Nov 2020	14.4	Early pandemic
Wave 5 (regular survey by phone)	Jun to Aug 2021	15.0	Mid-pandemic
Wave 6 (regular in-person survey)	Oct to Dec 2022	16.4	Transition to endemic?

Tracking the lives of Filipino adolescents through puberty, COVID-19 and the **SDG Youth Agenda**



SDGs promoting human capital formation of Filipino youth



GOAL 1: END POVERTY IN ALL ITS FORMS EVERYWHERE

- SES indicators



GOAL 2: END HUNGER, ACHIEVE FOOD SECURITY, IMPROVE NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE

- Food and water insecurity, nutritional status



GOAL 3: ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES

- Mental health, sexual and reproductive health



GOAL 4: ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION FOR ALL AND PROMOTE LIFE-LONG LEARNING OPPORTUNITIES FOR ALL

- Schooling, human capital index, access to technology



GOAL 5: ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS

Presentations (1:20-2:20PM)

A5 Profile of Filipino Children: Nutritional Status and Schooling

Presenter: Nanette L. Mayol



A6 Human Capital Profile of Filipino Adolescents

Presenter: Jan Lorenzo G. Alegado



A7 Household Food and Water Insecurity in the Philippines

Presenter: Francisco M. Largo



To access presentations, speaker CVs and LCSFC publications please go to:

<https://www.opsusc.org/LCSFC>

For data use requests and other inquiries, please contact:

Dr. Charl Andrew P. Bautista

Data Analyst, Population and Development

United Nations Population Fund

Email: cbautista@unfpa.org

