## **Cuba and the US: Comparing Early Education Policy**

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If a tiny island nation can provide health and education services to its youngest citizens, then perhaps the US could imagine ways to solve some of its persistent problems in this regard.

Visits to Cuba over the last 6 years have impressed me by the highly developed system of early care and education for children, and smooth integration of health access. I have been particularly impressed by the achievement of nearly 100% access to health and education services. It seems useful to share evidence, even anecdotal of the success of the Cuban early childhood project. The two countries are vastly different in national organization, so that direct comparisons are almost impossible.

Cuba has participated in the UNICEF sponsored Early Childhood Benchmarks of Child Well-Being. The US has not. I have used commonly available internet sources to provide plausible information about the US for each of the UNICEF benchmarks.

US local programs are often assessed with the well known ECERS (Early Childhood Environment Rating Scale). Cuba has its own methods of assessment. Neither of these assessments is validated for the other country. My impressions are plentiful and consistent with each other. I have organized them based on my general knowledge of early childhood best practices in the US, using the ECERS-R subscales as a rough guide.

Informal comparison on these two contrasting levels leads me to conclude that there are many ways in which the US might seek to emulate Cuban practices—not by simply copying, but by allowing those practices to inform action at the national, state and local levels.

## **Annotated References**

1. <a href="https://www.americanprogress.org/issues/early-childhood/reports/2020/08/04/488642/costly-unavailable-america-lacks-sufficient-child-care-supply-infants-toddlers/">https://www.americanprogress.org/issues/early-childhood/reports/2020/08/04/488642/costly-unavailable-america-lacks-sufficient-child-care-supply-infants-toddlers/</a>

Slots for infants-toddlers about 1 for every 5.

- 2. Batista, G. (2014). *Education Thinking in Cuba*. Lecture presented to Busquedas Investigativas, Havana, Cuba, 2014.
- 3. https://borgenproject.org/tag/poverty-in-cuba/

Poverty in Cuba

4. <a href="https://www.census.gov/library/publications/2020/demo/p60-270.html">https://www.census.gov/library/publications/2020/demo/p60-270.html</a>

Poverty rate 14.4% 2019

5. <a href="https://www.census.gov/content/dam/Census/library/visualizations/2020/demo/p60-271/figure3.pdf">https://www.census.gov/content/dam/Census/library/visualizations/2020/demo/p60-271/figure3.pdf</a>

Children with no health ins. Under age 18

6. https://childcareta.acf.hhs.gov/sites/default/files/public/547 1305 ratiosgroupsize 2011.pdf

Required State child:adult ratios

7. https://www.dol.gov/agencies/whd/fact-sheets/28-fmla

Family Medical Leave Act

8. <a href="https://dphhs.mt.gov/Portals/85/hcsd/documents/ChildCare/STARS/Kits/3to4centerteachertochi">https://dphhs.mt.gov/Portals/85/hcsd/documents/ChildCare/STARS/Kits/3to4centerteachertochi</a> Idratiochart.pdf

NAEYC Recommended adult/child Ratios 1:9 or 1:10, depending on group characteristics.

- 9. <a href="https://www.financialsamurai.com/what-percentage-of-children-go-to-preschool-in-america/">https://www.financialsamurai.com/what-percentage-of-children-go-to-preschool-in-america/</a>
  Child Care Attendance 88% 5 yr., 69% 4 yr. 40% 3 yr.
- 10. Harms, T.; Clifford R.; Cryer, D. 2005. *ECERS-R Early Childhood Environment Rating Scale*, Revised Edition. New York. Teachers College Press
- 11. https://www.ncbi.nlm.nih.gov/books/NBK518902/

Low income families pay a larger % of family income for child care.

- 12. <a href="http://nieer.org/wp-content/uploads/2016/12/HS">http://nieer.org/wp-content/uploads/2016/12/HS</a> Executive Summary States of Head Start.pdf
  % of children meeting Federal Poverty Guidelines served by Head Start
- 13. <a href="https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="CUB">https://ourworldindata.org/grapher/government-expenditure-on-gdp.</a>

Cuba: .88% of GDP spent on pre-primary education 2010.

**14.** <a href="https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp?tab=chart&country="USA">https://ourworldindata.org/grapher/government-expenditure-on-pre-primary-education-as-share-of-gdp.</a>

US: .35% of GDP spent on pre-primary education 2010.

15. https://www.preschoolteacher.org/requirements/

Professional requirements for preschool teachers in the US.

16. https://sites.ed.gov/idea/about-idea/

IDEA provides for children with special needs. Reauthorized 2004. Amended: PL114-95 in 2015.

17. https://data.oecd.org/inequality/poverty-rate.htm

OECD poverty rate for US. (Cuba not included in this list)

18. https://www.unicef-irc.org/publications/pdf/rc11 eng.pdf

US is #26 out of 29 countries included. Child Poverty rate, 15%

Children 4 yrs. through compulsory school age < 75%.

- 19. UNICEF. (2016). Early Childhood Development in Cuba: Sharing the experience of a scaled-up integrated system that promotes the best start in life for every child.
- 20. <a href="https://www.macrotrends.net/countries/CUB/cuba/literacy-rate">https://www.macrotrends.net/countries/CUB/cuba/literacy-rate</a>

Literacy rate: 99.7% CUBA 2012.

21. https://www.macrotrends.net/countries/USA/united-states/literacy-rate

Literacy rate: 99.00 US 2018.

## REMOVED

Batista, G. (2018). *Perfeccionamento del Sistema Nacional de Educacion en Cuba*. Lecture Presented to Busquedas Investigativas, Havana, Cuba, Feb. 18, 2018.

22. <a href="https://www.nationmaster.com/country-info/compare/Cuba/United-States/Education">https://www.nationmaster.com/country-info/compare/Cuba/United-States/Education</a> direct comparisons Cuba & US. No pre-primary <a href="https://www.macrotrends.net/countries/CUB/cuba/military-spending-defense-budget">https://www.macrotrends.net/countries/CUB/cuba/military-spending-defense-budget</a>

23. <a href="https://ourworldindata.org/grapher/projected-share-extreme-poverty?tab=chart&country=~CUB">https://ourworldindata.org/grapher/projected-share-extreme-poverty?tab=chart&country=~CUB</a> projected in extreme poverty 2019

1.34% Cuba

0.54% US

24. <a href="https://www.unicef-irc.org/publications/pdf/iwp">https://www.unicef-irc.org/publications/pdf/iwp</a> 2008 02 final.pdf
Innocenti report on child well-being from 2008.