

11 Implications of Differential Privacy for America's Children

by

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CNSTAT June 7, 2019

Unresolved Challenges – No solution at this time

Example of a Table that Requires the Linkage of Data from the Person and Housing Records

Household Type by Relationship for the Population Under 18 Years **Universe: Population under 18 years**

	United States
Total:	74,181,467
In households:	73,920,881
Householder or spouse	37,090
Related child:	72,557,943
Own child:	64,778,147
In husband-wife family	45,442,186
In other family:	19,335,961
In male householder, no wife present family	4,574,483
In female householder, no husband present family	14,761,478
Other relatives:	7,779,796
Grandchild	5,825,229
Other relatives	1,954,567
Nonrelatives	1,325,848
In group quarters:	260,586
Institutionalized population	144,340
Noninstitutionalized population	116,246

Source: 2010 Census, Summary File 1 Table P31

Source: Marks and Perry, U.S. Census Bureau, 2019 PAA

Demographic and Housing Characteristics File

- Replaces Summary File 1
- This file will include detailed demographic and housing characteristics and will provide the foundation for later data products
- **Subjects will include:**
 - Detailed age
 - Sex
 - Household type
 - Families
 - Relationship to householder
 - Group quarters population
 - Housing occupancy
 - Housing tenure
 - Some subjects iterated by major OMB race/ethnicity groups
- **Lowest level of geography:** Various; some tables available down to the census block
- **Target release date:** Summer 2021

Unresolved challenges with using formally private disclosure avoidance methods for 2020:

- Tabulating tables that require the linkage of data from the person and housing records (e.g., characteristics about children in households or about the householder)
- Tabulations of characteristic/item allocation

Proposed Updates for 2020:

- Remove detailed race and Hispanic origin tables

“Formal privacy methods
developed for 2020 Census will
inform ACS methods”

Source: Rodriguez, U.S. Census Bureau,
ACS Users Conference, May 2019

19 Large Census-guided Federal Expenditure Programs Focused on Children, FY2016 Distributions by State (Rank order by U.S. spending)		
	Department	United States
Medical Assistance Dollars for Children*	HHS	\$65,019,325,680
Section 8 Housing Choice Vouchers	HUD	\$19,387,184,000
Temporary Assistance for Needy Families	HHS	\$17,096,198,545
Title I Grants to LEAs	ED	\$14,364,454,918
State Children's Health Insurance Program	HHS	\$13,761,924,000
National School Lunch Program	USDA	\$12,042,774,000
Special Education Grants	ED	\$11,779,555,245
Section 8 Housing Assistance Payments Program	HUD	\$10,156,542,138
Head Start	HHS	\$8,648,933,810
Supplemental Nutrition Program for Women, Infants, and Children	USDA	\$6,383,830,000
Title IV-E Foster Care	HHS	\$4,727,773,596
Health Care Centers	HHS	\$4,319,604,643
School Breakfast Program	USDA	\$4,148,731,000
Child and Adult Care Food Program	USDA	\$3,324,184,000
Child Care	HHS	\$2,840,075,000
Child Care and Development Block Grant	HHS	\$2,612,564,000
Adoption Assistance	HHS	\$2,591,755,519
Supporting Effective Instruction State Grants	ED	\$2,218,528,106
Social Services Block Grant	HHS	\$1,575,547,556
Total		\$206,999,485,756
Prepared by Andrew Reamer, GW Institute of Public Policy, George Washington University		
Program spending data research by Sean Moulton, Project on Government Oversight		
Data available on the Counting for Dollars website at https://gwipp.gwu.edu/counting-dollars-2020-role-decennial-census-geographic-distribution-federal-funds#Reports		
* The total Medicaid dollars is reduced by the same ratio as the ratio of total national dollars and those going for kids (First Focus 2018 Children's Budget 2018 page 59 (FY2016 \$65,252/\$362,512 = .18)		

3 Main Points

- I urge the Census Bureau to give children a high priority in deciding which tables to produce under Differential Privacy.⁶
- I urge researchers to continue work to enable tabulations showing children and their parent(s)/family/household characteristics.
- I urge the Census Bureau to develop a dialogue with child researchers and child advocates related to this issue.