

Health Inclusive Poverty Measure (HIPM) Extract Readme and Data Dictionary

Introduction

This readme document summarizes how to use data from the Health Insurance Poverty Measure (HIPM) research extract. The variables included in the extract allows users to link HIPM variables to the Current Population Survey Annual Social and Economic Supplement (CPS ASEC) data files for further research.

The extract was created using the household identifiers, poverty information, and health insurance coverage status from the 2024 CPS ASEC public use file. Values for the individual health needs come from the 2023 Health Insurance Exchange Public Use Files, the 2023 Medicare Advantage Prescription Drug Coverage Landscape files, and the annual Medicare Trustees report, all produced or located at the Centers for Medicare and Medicaid Services (CMS).

Replicating Estimates

The extract contains:

- Unit identifiers
- Type of health insurance for unit
- Aggregated HIPM resource and threshold information
- Disaggregated information on health needs and resources
- Information on premium and non-premium MOOP caps
- Information on subsidy imputation
- Information on expansion states

The extract can be merged with the CPS ASEC Person file for further research on demographic groups and comparisons to the Supplemental Poverty Measure (SPM) and the official poverty measure. Users should use the variables H_SEQ and PPPOS for that linkage. To replicate Appendix Table 6, multiply the SPM portion (SPM_PovThreshold) of the combined threshold by the desired share of poverty and add the health component (hipm_need).

Table 1. Weighted and Unweighted Poverty Counts Using HIPM

| Reference Year | Current Version Number | Unweighted | Weighted (in thousands) |
|----------------|------------------------|------------|-------------------------|
| 2023 | 20 Sep 2024 | 20,804 | 49,306 |

Contact Us!

Please contact sehsd.psb.list@census.gov with questions, concerns, and comments.

Data Sources

CPS ASEC Data: [Annual Social and Economic Supplements \(census.gov\)](https://www.census.gov/data/tables/2019/asec.html)

National Marketplace Data: [Health Insurance Exchange Public Use Files \(Exchange PUFs\) | CMS](https://www.cms.gov/medicare/coverage/national-marketplace/public-use-files)

State Marketplace Data: [Health Insurance State-based Exchange Public Use Files | CMS](https://www.cms.gov/medicare/coverage/state-marketplace/public-use-files)

Medicare Advantage Prescription Drug Coverage: [Prescription Drug Coverage - General Information | CMS](https://www.cms.gov/medicare/coverage/ma-pd/ma-pd-general)

References

Centers for Medicare and Medicaid Services. 2024. "2024 Annual Report Of the Boards Of Trustees Of The Federal Hospital Insurance And Federal Supplementary Medical Insurance Trust Funds". <https://www.cms.gov/oact/tr/2024>.

Creamer, John. 2024. "Health Inclusive Poverty Measure in the United States: 2023". *SEHSD-WP2024-24*.

Korenman, Sanders B., and Dahlia K. Remler. 2016. "Including health insurance in poverty measurement: The impact of Massachusetts health reform on poverty." *Journal of Health Economics* 50: 27-35.

Korenman, Sanders, Dahlia K. Remler, and Rosemary T. Hyson. 2019. "Medicaid Expansions and Poverty: Comparing Supplemental and Health-Inclusive Poverty Measures". *Social Service Review* 93 (3).

Data Dictionary

Variable: h_seq

Description: household number

Values: unique identifier

Universe: All people

Variable: pppos

Description: person identifier

Values: 41:56

Universe: All People

Variable: spm_id

Description: SPM unit identifier

Values: unique identifier

Universe: All People

Variable: hipm_id

Description: Health insurance unit identifier

Values: unique identifier

Universe: All People

Variable: hitype

Description: HIPM insurance type identifier

Values:

- 1 – infant under age 1
- 1 – Dual Medicaid/Medicare Eligible
- 2 – Medicare under 65 years old
- 3 – Medicare 65 years and older
- 4 – Full year Medicaid
- 5 – Part year Medicaid
- 6 – Employer Sponsored Insurance (ESI)
- 7 – Direct Purchase
- 8 – Civilian Health and Medical Program of the Department of Veteran's Affairs (CHAMPVA)
- 9 – Children's Health Insurance Program
- 10 – Indian Health Service Coverage alone
- 11 – Employer Sponsored Insurance Outside the Household
- 12 – Direct Purchase Insurance outside the household
- 13 – Other Insurance outside the household
- 14 – Uninsured
- 15 – Medicare policyholder with dependent with Employer Sponsored Insurance

Variable: expansion

Description: HIPM Poverty status

Values:

- 0- Not in expansion state on January 1, 2023
- 1- In expansion state on January 1, 2023

Updated: 9/20/2024

Variable: subsidy

Description: indicator for individuals who are imputed a subsidy based on parameters for advanced premium tax credits (APTC).

Values:

- 0- Subsidy not imputed
- 1- Subsidy imputed

Variable: hipm_poor

Description: HIPM Poverty status

Values:

- 0- Not in HIPM poverty
- 1- In HIPM Poverty

Variable: ind_need

Description: individual health need based on health insurance type, age, and location (for second lowest cost silver plan)

Values: unique values

Variable: unit_need

Description: health insurance unit health need (ind_need aggregated at hipm_id level)

Values: unique values

Variable: hipm_need

Description: SPM unit health need (ind_need aggregated for all hipm_id in each spm_id)

Values: unique values

Variable: aptc

Description: estimated value of Marketplace subsidy

Values: unique values

Variable: prem_cap

Description: capped premium spending based on health insurance type

Values: unique values

Variable: py_res

Description: part year resources for those with part-year Medicaid

Values: unique values

Variable: hi_resources

Description: individual health benefits

Values: unique values

Variable: moop_cap

Description: unit level capped non-premium out of pocket spending

Values: unique values

Updated: 9/20/2024

Variable: unit_benefits
Description: health insurance unit health benefits
Values: unique values

Variable: hipm_benefits
Description: SPM unit health benefits
Values: unique values

Variable: hipm_resources
Description: SPM resources combined hipm_benefits
Values: unique values

Variable: hipm_threshold
Description: SPM threshold combined with hipm_need
Values: unique values

Variable: marsupwt
Description: ASEC Supplement Final Weight
Values: 2 implied decimals
Universe: All People

Variable: filedate
Description: Date file is released for versioning
Values: unique values