Visualizing Data to Increase Access to Diapers

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What do Diaper Banks do?

- Obtain and distribute diapers and other sanitary products through a network of local partners
- Ensure all families have sufficient access to diapers and period products
- Advocate for key policy reforms like making diapers and period products tax-exempt

Importance

- Diaper banks are the primary provider of diapers to those in need
- Lack of diapers limits families’ ability to access childcare, go to school, and work
- Lack of diapers also negatively impacts the health of children

Our Data

- Survey: Economic Impact Study of Basic Needs Diaper Provision by Diaper Bank
- Conducted by The National Diaper Bank from 2019-2021 with 65 participating diaper banks across 29 states
- 6221 responses, 343 variables

Goals

- Provide diaper banks with insights on how to allocate existing resources more efficiently
- Communicate the economic impact of diaper banks to the government and public to increase funding and awareness
- Provide diaper banks with a better understanding of those they serve

Sources

- Photograph provided by Wilson O. Weldon, III.

Visualizations

- How Diaper Bank Recipients Access Diaper Bank Products
- Distribution of Household Income in 2020
- Distribution of Preterm vs Term Babies by Race or Ethnic Identity
- Distribution of Education Type

Dashboard

- Filtering Choropleth
- Tools Used
  Web Application Tools: Python, HTML, CSS, Canva
  Packages: Pandas, NumPy, Plotly, Dash