Metrics: Perspectives from a controlled access data resource

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Centralized resource for researchers to store de-identified data and to access data and associated biospecimens from NICHD supported studies

Can help investigators meet NIH's data sharing requirements for their own studies

Data sharing launched in August 2015; biospecimen request launched in March 2019

Governed by the NICHD DASH Committee

Aims to accelerate scientific findings to ultimately improve human health

https://dash.nichd.nih.gov

Questions? Contact supportdash@mail.nih.gov

For NICHD studies not archived in DASH, visit: https://dash.nichd.nih.gov/Resource/LinksToOtherArchives
**Study Topics with Biospecimens in DASH**

<table>
<thead>
<tr>
<th>Child Health</th>
<th>Preterm Labor &amp; Birth</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIV/AIDS</td>
<td>More to come!</td>
</tr>
<tr>
<td>Pregnancy</td>
<td></td>
</tr>
</tbody>
</table>

**Biospecimens Currently Available**

<table>
<thead>
<tr>
<th>Amniotic Fluid</th>
<th>Saliva</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blood</td>
<td>Serum/ Plasma</td>
</tr>
<tr>
<td>Breast Milk</td>
<td>Tissue Samples</td>
</tr>
<tr>
<td>DNA/RNA/Proteins</td>
<td>Urine</td>
</tr>
<tr>
<td>Lymphocytes</td>
<td>Vaginal Fluid</td>
</tr>
<tr>
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</table>

**New DASH Function:**
Managing Requests for NICHD Biospecimens

- **Genomic and Proteomic Network for Preterm Birth Research (GPN)**
  Expression profiling, GWAS case control, and longitudinal cohort studies

- **NICHD International Site Development Initiative (NISDI)**
  4 studies of pregnant women with HIV, their infants with and exposed to HIV, and children with and exposed to HIV in Latin American countries

- **Mothers and Infants Cohort Study (MICS)**
  Study of perinatal transmission of HIV and developmental outcomes of children with HIV

**8 Studies Offering Biospecimens**

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Visit DSDR.ICPSR.UMICH.EDU to:

- Download public-use data and analyze online
- Obtain access to restricted-use data
- Discover data by searching studies, variables and data-related publications
- View survey instruments and data collection measures
- Access tutorials, videos and technical assistance

Highly Used Datasets:

- National Longitudinal Study of Adolescent to Adult Health (Add Health) [Public Use]
- NICHD Study of Early Child Care and Youth Development (SECCYD) Series
- Work, Family and Health Study (WFHS)
- India Human Development Survey (IHDS) Series
- Chitwan Valley [Nepal] Family Study Series

Data Sharing for Demographic Research (DSDR)

Access public-use and restricted-use studies for secondary analysis:

- National, international and small area geographies
- Longitudinal and cross-sectional designs
- Genomic data and biomarkers

Explore tools that facilitate analysis:

- Bibliography of publications analyzing data in the DSDR archive
- Variable Search and Comparison Tool
- Online analysis

Deposit data with DSDR for:

- Exposure to a broad range of audiences
- Long-term, secure archiving
- Compliance with NIH data sharing requirements

Questions? DSDR@icpsr.umich.edu or 734-763-8937

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Thank you!