



# **Metrics: Perspectives from a controlled access data resource**

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**Study Topics in DASH** (\*biospecimens available)

Adrenal Gland Disorders	Pediatric Injury
Autism Spectrum Disorders	Pelvic Floor Disorders
Birth Defects	Pharmacology
Cerebral Palsy	Preconception & Prenatal Care
Child Health*	Preeclampsia & Eclampsia
Children's Bone Health & Calcium	Pregnancy*
Diabetes	Pregnancy Loss
Driving Risk	Preterm Labor & Birth*
Early Learning	Primary Ovarian Insufficiency
High-Risk Pregnancy	Rehabilitation Medicine
HIV/AIDS*	Sleep
Infant Care & Health	Spinal Cord Injury
Infant Mortality	Stillbirth
Infertility & Fertility	Stroke
Labor & Delivery	Sudden Infant Death Syndrome
Menkes Disease	Traumatic Brain Injury
Necrotizing Enterocolitis	Turner Syndrome
Neuroscience	Women's Health
Obesity & Overweight	
Obstetrics	

**151** Studies**38** Study Topics**197** Data Requests**29** Data Use Publications**8** Studies Offering Biospecimens

- 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>

**Study Topics with Biospecimens in DASH**

Child Health HIV/AIDS Pregnancy	Preterm Labor & Birth More to come!
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**Biospecimens Currently Available**

Amniotic Fluid	Saliva
Blood	Serum/ Plasma
Breast Milk	Tissue Samples
DNA/RNA/Proteins	Urine
Lymphocytes	Vaginal Fluid

**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

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**8 Studies Offering Biospecimens**

### Visit [DSDR.ICPSR.UMICH.EDU](https://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



DISSEMINATE



FACILITATE



ARCHIVE



PRESERVE

Questions? [DSDR@icpsr.umich.edu](mailto:DSDR@icpsr.umich.edu) or 734-763-8937



**Thank you!**