

The National Children's Study Archive Biospecimen Analytical Laboratory Results Data Files



WHAT:

- SAS data sets of laboratory test results from biological samples collected for the National Children's Study Vanguard Study.
- *124,184 assay results from 2,602 unique participants!*

WHO:

- Biological samples collected from mother, father and child participants

WHEN:

- Pre-pregnancy
- Pregnancy
- Birth
- Up to 36 Months Post Birth

DATASETS:

Blood Laboratory Results

Biomarkers tested include allergens, antioxidants, blood metals, fatty acids, insulin, mercury speciation, PFCs, Vitamin D and more.

Hematology Laboratory Results

Measures include basophil, eosinophil, hematocrit, hemoglobin, lymphocyte, mean corpuscular volume (MCV), red blood cell count (RBC), white blood cell count (WBC) and more.

Urine Laboratory Results

Biomarkers tested include arsenic, multi-element metals, PAH, phenols, phthalates, phytoestrogens, pesticides, VOCs and more.

Other Sample (Breast Milk, Saliva, Vaginal Secretions) Laboratory Results

Biomarkers tested include cortisol, dioxins, furans, PCBs, phenols, Vitamin A, Vitamin C, Vitamin E and more.

Data sets include assay results, units of results, reference ranges, levels of detection, and participant IDs to enable linkage to other National Children's Study data files. Detailed documentation and codebooks are also available.

To Learn More About All the National Children's Study Data Available to Qualified Researchers Free of Charge:

<https://ncsarchive.s-3.net>



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The National Children's Study Archive

Environmental Analytical Laboratory Results Data Files



WHAT:

- SAS data sets of laboratory test results from environmental samples collected for the National Children's Study Vanguard Study freely available for researcher use.
- *196,780 assay results from 5,087 unique samples!*

WHO:

- Environmental samples collected from the homes of NCS mother and child participants

WHEN:

- Home study visits pre-pregnancy, during pregnancy, and six months postpartum

CONTENT:

Data sets include assay results and units, lab qualifiers, chemical abstract service (CAS) numbers, limits of detection, limits of quantitation, and participant IDs to enable linkage to other National Children's Study data files. Detailed documentation and codebooks are also available.

	MATRIX			
	Dust Wipe	Bulk Dust	Tap Water	Indoor Air
Analytes	<ul style="list-style-type: none"> • Pesticides • Pyrethroids • SVOCs • Metals 	<ul style="list-style-type: none"> • Allergens • Endotoxins • Molds 	<ul style="list-style-type: none"> • Haloacetic acids • Trihalomethanes • VOCs 	<ul style="list-style-type: none"> • Carbonyls • VOCs • NO₂ • Ozone • PM_{2.5}

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