

**NDACAN**

**NATIONAL DATA ARCHIVE ON  
CHILD ABUSE AND NEGLECT**

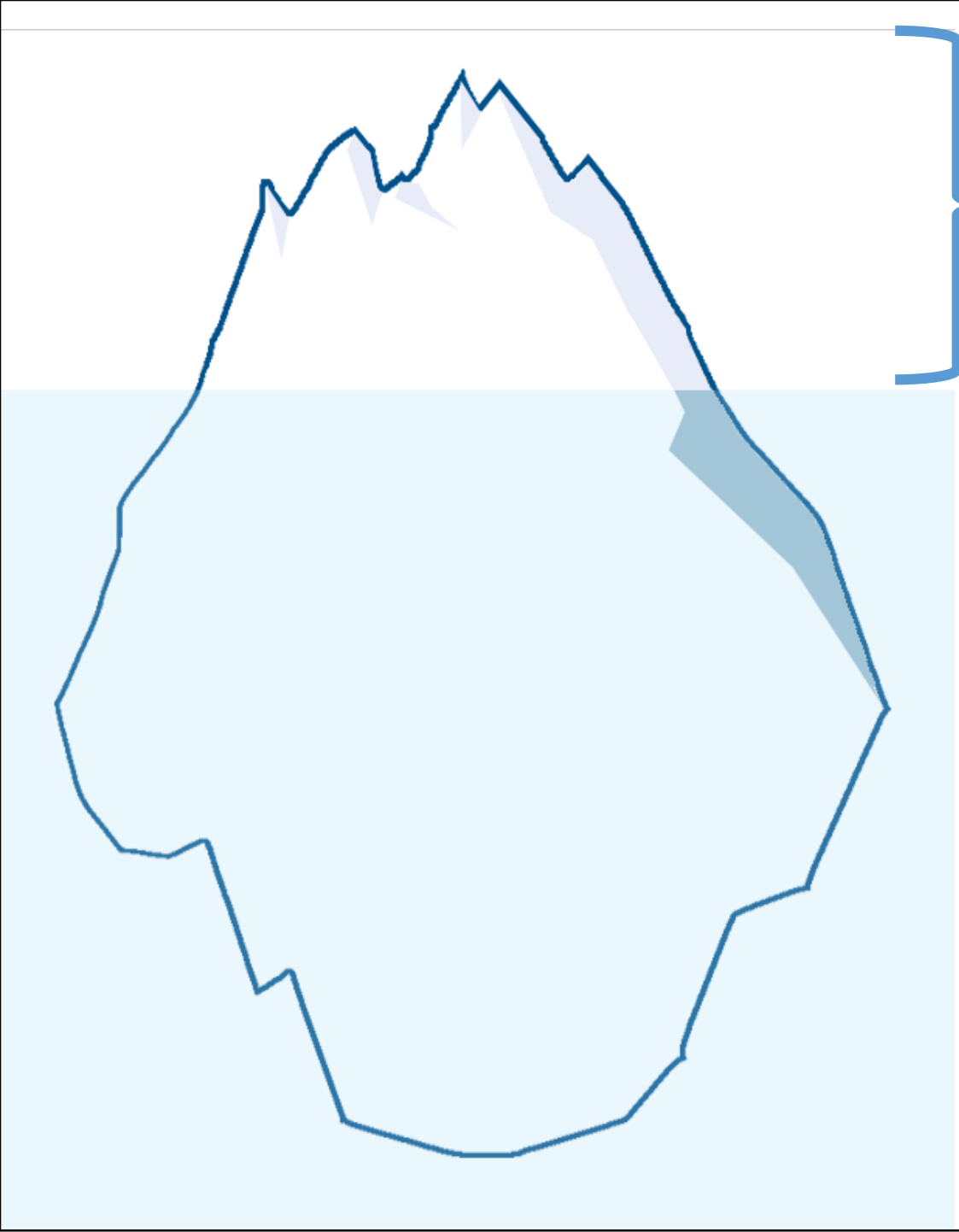
# Conducting Your Research Using NIS-4

# Acronyms

- **NIS** are the National Incidence Studies of Child Abuse and Neglect
- **NIS-4** is the Fourth National Incidence Study of Child Abuse and Neglect
- **NCANDS** is the National Child Abuse and Neglect Data System
- **PUF** is the NIS-4 Public Use File
- **CPS** is Child Protective Services
- **NDACAN** is the National Data Archive on Child Abuse and Neglect
- **PSU** is the Primary Sampling Unit

# NIS-4

- NIS-4 study purpose
- Scope of child maltreatment in the US
- NIS-4 sample and design
- NIS-4 findings
- How to analyze the NIS-4 PUF
  - WesDaX, WesVar, SUDAAN, SAS, R, Stata
  - NIS-4 weights
  - Resources



## NCANDS 2006

- 905,000 maltreated children

## NIS-4

- 1.25 million children harmed
- 3 million children endangered

# Sample

1

U.S.  
Counties



PSU = 110

2

Agencies



Health  
Services

School &  
Daycare

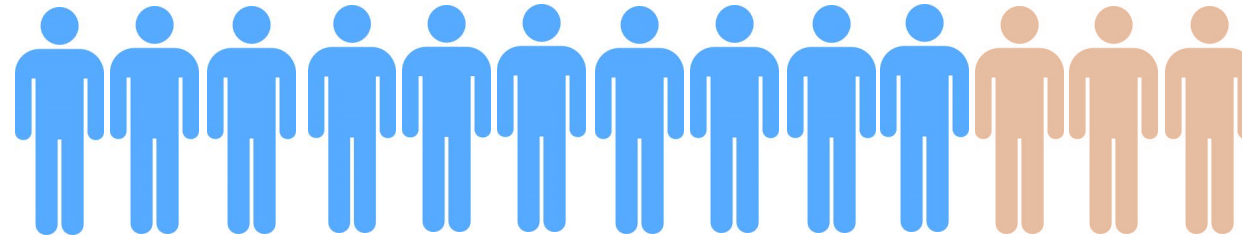
Other  
Services

Law  
Enforcement

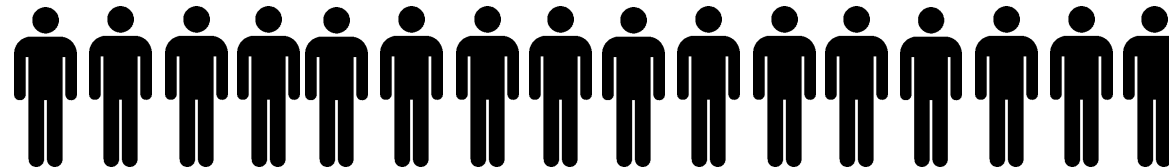
CPS

3

Sentinels  
& CPS



Children



NIS-4 = 29,424 children

PUF = 12,694 children

# Categories of Children

**Children Submitted by Sentinels**

**Children Submitted by CPS**

**Endangerment Standard**

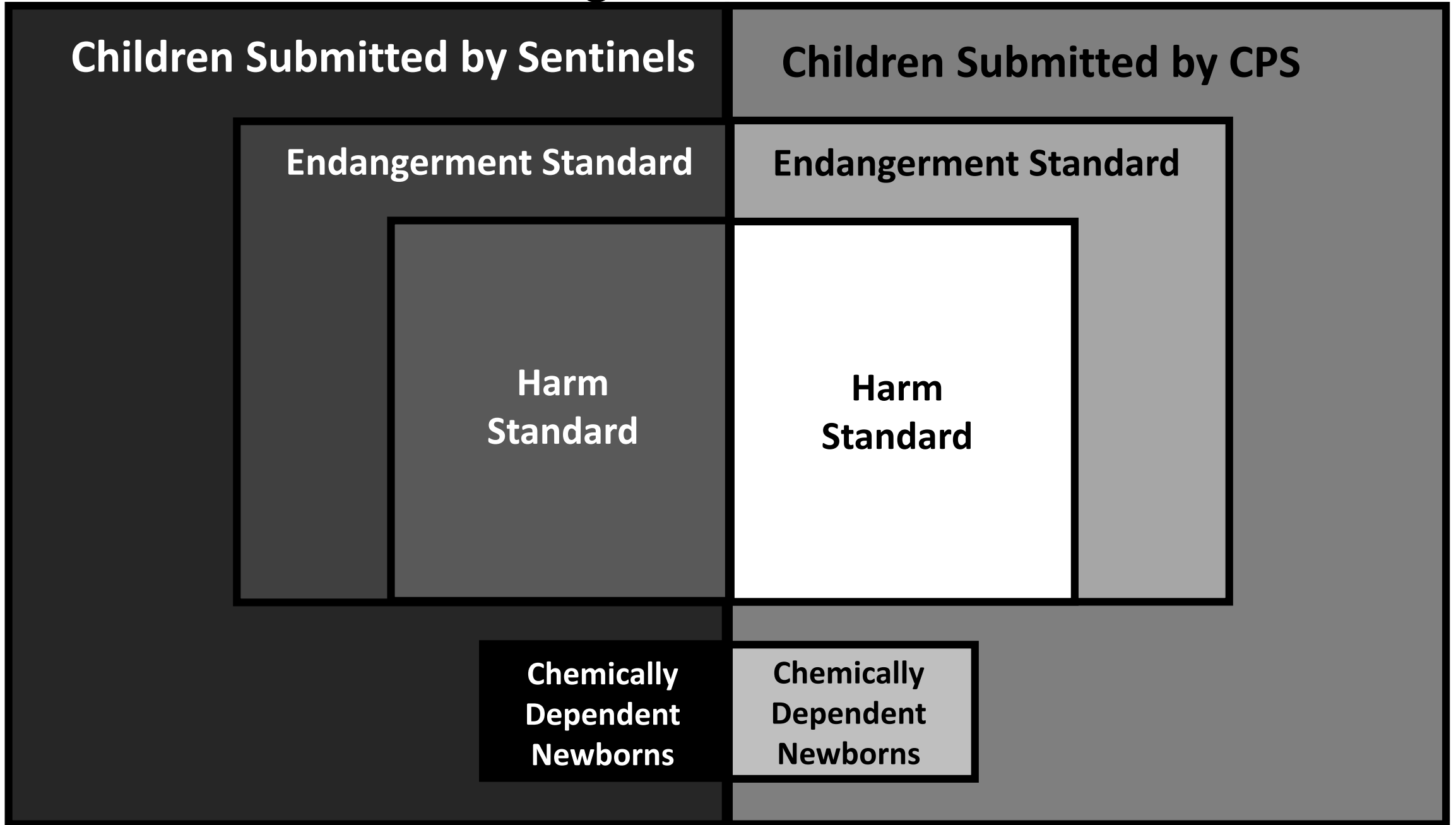
**Endangerment Standard**

**Harm  
Standard**

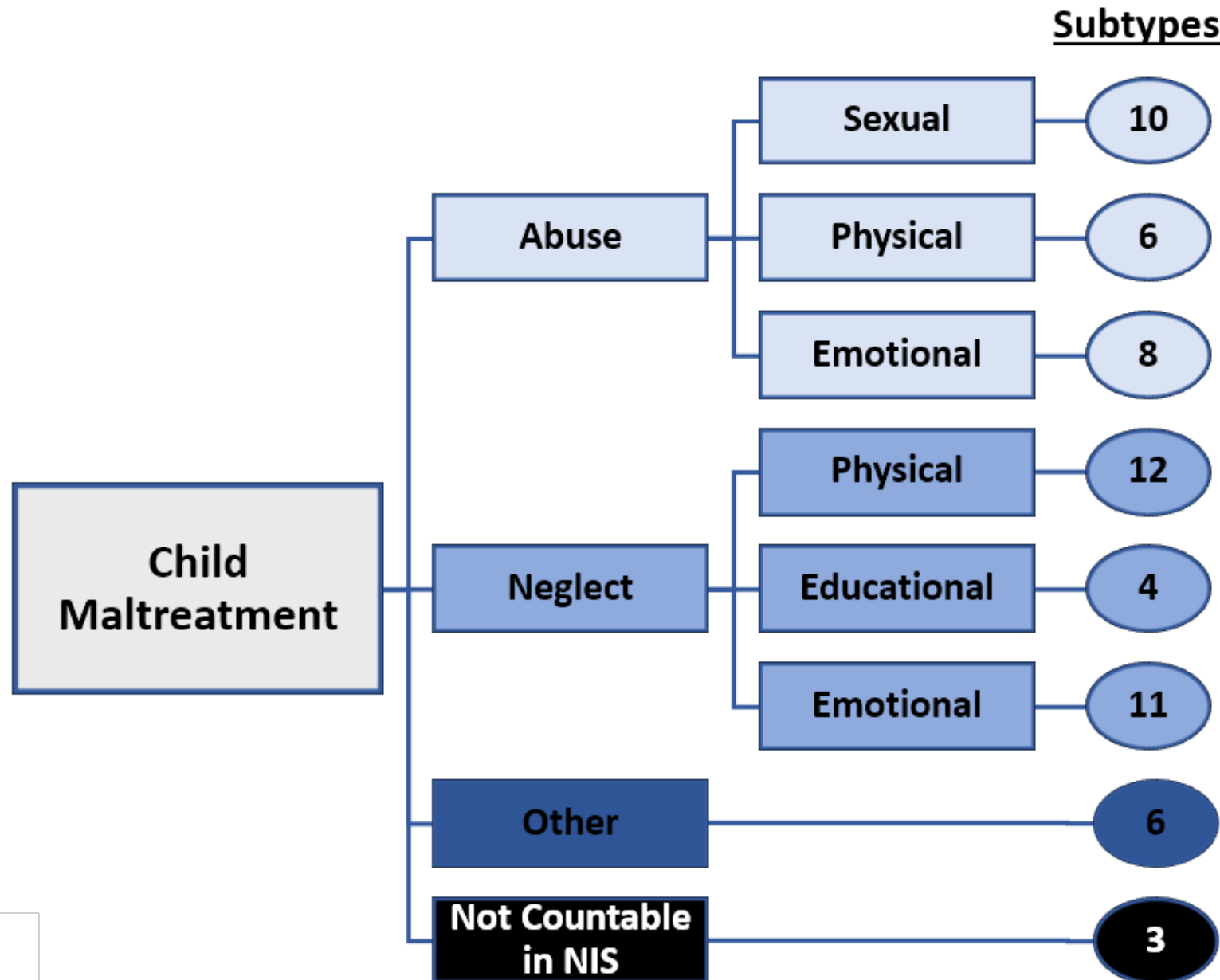
**Harm  
Standard**

**Chemically  
Dependent  
Newborns**

**Chemically  
Dependent  
Newborns**



# NIS-4 60 form Typology for Classifying Maltreatment





# Maltreatment Incidence Comparisons

3 million  
children

1 million  
children

NIS-3

NIS-4

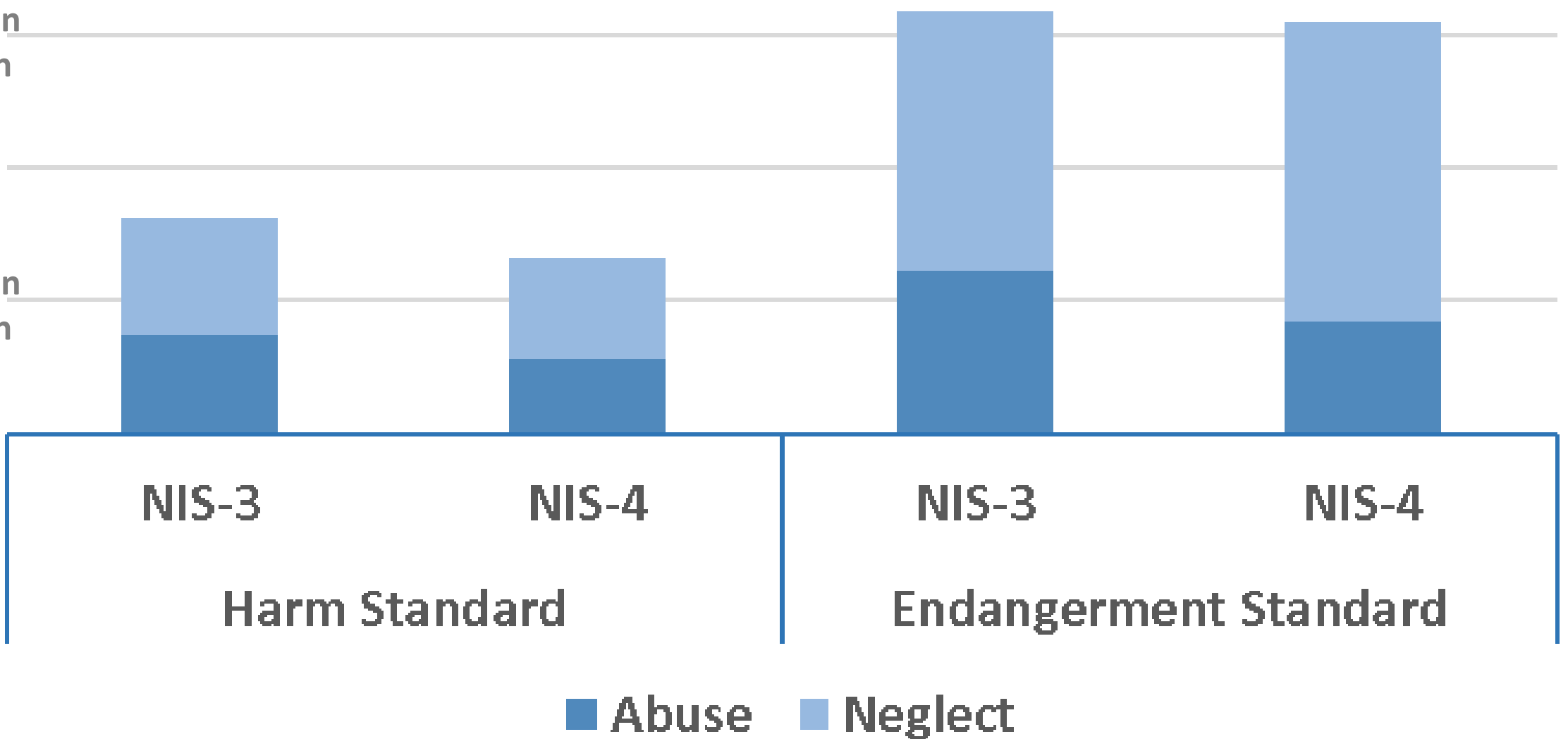
NIS-3

NIS-4

Harm Standard

Endangerment Standard

■ Abuse ■ Neglect



Online Access to

# The Fourth National Incidence Study of Child Abuse and Neglect

WELCOME

Contact Us

NIS-4 Description

FAQ

Access the NIS-4

Sponsors

## Welcome to Online Access to NIS-4

This system lets anyone conduct interactive, live analyses of the NIS-4 data. It uses the Westat Data Explorer (WesDaX), a simple tool automatically produces correct results with data from complex sample designs.

Users can also:

- learn more about NIS-4
- see NIS-4 incidence estimates, and
- download NIS-4 documents

**Click here to enter this system:**

Enter

(This may take a moment.)

[https://www.nis4.org/access\\_nis4.html](https://www.nis4.org/access_nis4.html)

To conduct more in-depth analyses of NIS-4, order the dataset from the NDACAN website at [www.ndacan.acf.hhs.gov](http://www.ndacan.acf.hhs.gov). Click on: datasets, then NIS, and then the link for Dataset 147.

From the NIS-4 NDACAN dataset page, you can: read *The NIS-4 PUF Manual* (User's Guide), read NIS publications in the NDACAN child abuse and neglect Digital Library, and browse the *Codebook*.

NIS-4 includes variables on: countability, sources, home and family, child, perpetrator, population, weights, and maltreatment; and items from the CPS Screening Policies and Sentinel Definition Survey Supplemental Studies.

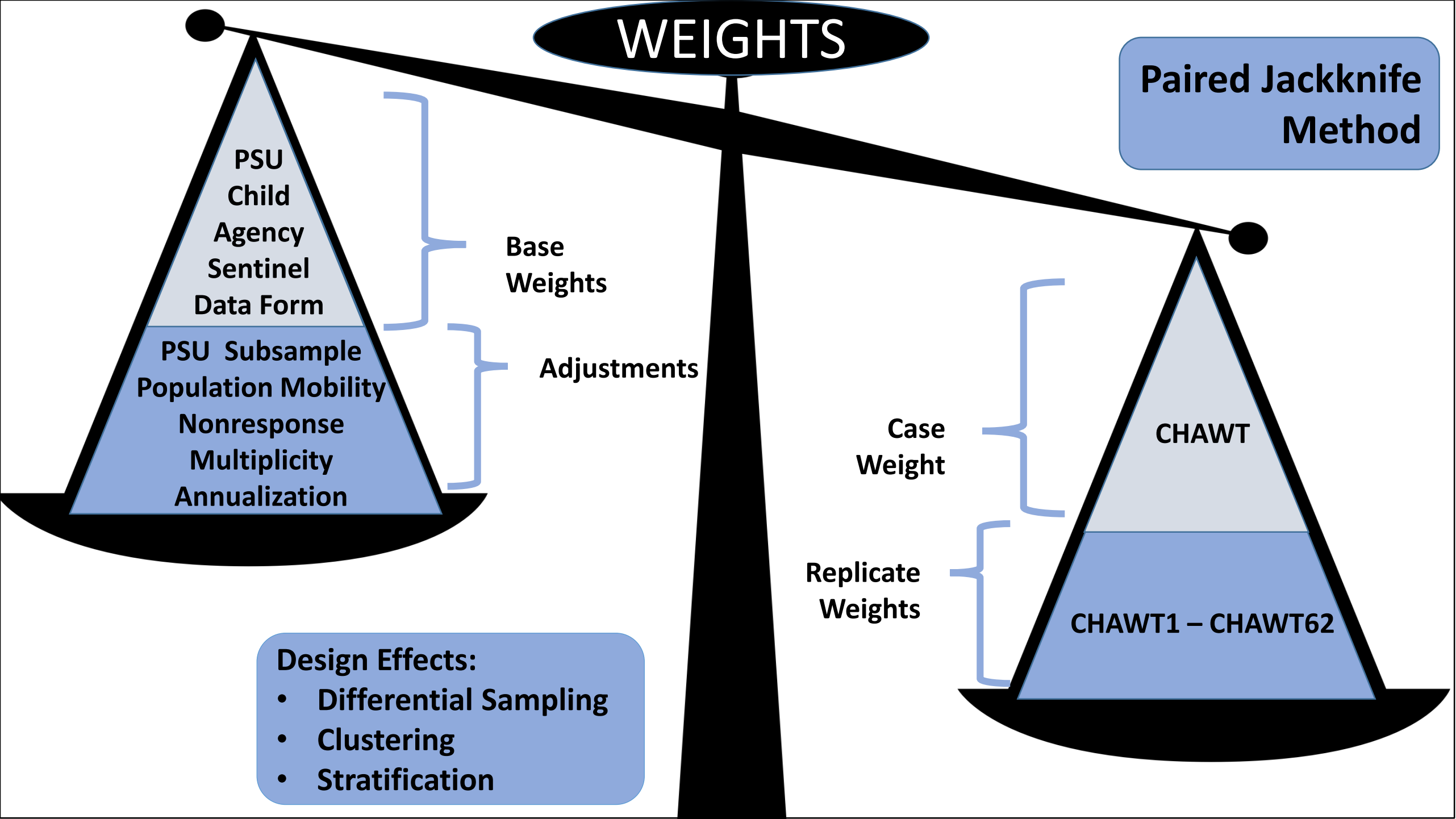
NIS datasets 1 – 3 are also available from NDACAN.

# Conducting NIS-4 Analyses

- READ\_ME\_FIRST.pdf
- *PUF Manual* (User's Guide) and *Codebook*
- PUF: 1,844 variables on 12,694 cases of **ONLY the maltreated children**
- **You MUST use the weights (JK2)**
- **Use WesVar, SUDAAN, SAS, R, or Stata (.svr package)**
- Calculate known estimates
- **Sample syntax** is available on the NDACAN website
- NIS-4 does not include substantiation variables

# WEIGHTS

Paired Jackknife Method



- Design Effects:**
- Differential Sampling
  - Clustering
  - Stratification



NATIONAL DATA ARCHIVE ON  
NDACAN CHILD ABUSE AND NEGLECT

Please email the Archive if you have  
any questions. The email address is  
**[NDACANsupport@cornell.edu](mailto:NDACANsupport@cornell.edu)**

Thank you.

**The National Data Archive on Child Abuse and Neglect is a project of the Bronfenbrenner Center for Translational Research at Cornell University.**



Bronfenbrenner Center  
for Translational Research

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**Children's Bureau**

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