



# NATIONAL DATA ARCHIVE ON CHILD ABUSE AND NEGLECT

## NIS-4 Analyses WesVar Instructions

WesVar is free software provided for download by Westat: [www.westat.com](http://www.westat.com).

These instructions were tested using WesVar version 4.3.

Because of the complex sample design and use of paired jackknife replicate weighting (JK2):

**You MUST use the weights when working with NIS-4 data.**

### Data File

Data file *DS\_147.var* and log file *DS\_147.log* are included in your dataset and are ready to be opened and used in WesVar.

For instructions with screenshots on importing a data file, see Section 2. Using WesVar with the NIS-4 Public Use File, of the [NIS-4 PUF Manual \(User's Guide\)](#) included in your dataset.

### Frequencies

For instructions with screenshots to compute frequencies (incidence estimates) see Section 2. Using WesVar with the NIS-4 Public Use File, of the *NIS-4 PUF Manual* included in your dataset.

### Cross Tabulations

For instructions with screenshots to compute cross tabulations (subgroup incidence estimates) see Section 2. Using WesVar with the NIS-4 Public Use File, of the *NIS-4 PUF Manual* included in your dataset.

### Rates

For instructions with screenshots to compute incidence rates see Section 2. Using WesVar with the NIS-4 Public Use File, of the *NIS-4 PUF Manual* included in your dataset.

Table 2-1. Population Totals for Computing Rates per 1,000 for All Maltreated Children and for Specific Subgroups in the NIS-4 PUF Manual, lists the available population denominators. These are variables 537 to 560 in the [Codebook](#). For overall incidence use ALLPOP (Population Total for All Maltreated Children) as the population denominator. For cross tabulation subgroup calculations, use the appropriate census denominator variable in the data file.

### Logistic Regression

For instructions with screenshots to conduct regression analyses, see *Chapter 6. Regression: Defining Models and Testing Hypotheses* in the *WV\_4.3\_Manual.pdf* included in your dataset.

## Resources

For more resources on using WesVar to conduct NIS-4 analyses, see the *READ\_ME\_First.pdf* included in your dataset.

WesVar training and support are available from Westat: [www.westat.com](http://www.westat.com).

Lee, E. S., Forthofer, R. N., & Lorimor, R. J. (1989). *Analyzing complex survey data*. Sage University papers series 71: Quantitative applications in the social sciences. Sage.

This document was prepared by NDACAN Research Analyst Diane Wach, MA, MEd, LPC. Email questions to [NDACANsupport@cornell.edu](mailto:NDACANsupport@cornell.edu).