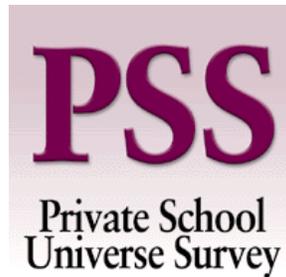


## Considerations for Analysis of PSS Data

Slide 1 of 10



### Considerations for Analysis of PSS Data

Slide 2 of 10

#### Module Objectives

- Describe the overlapping data in PSS collection years and how that affects analyses
- Discuss merging data files across collection years
- Discuss data anomalies and changes over time



## Considerations for Analysis of PSS Data

### Slide 5 of 10

#### Merging PSS Data Files (Continued)

- The school's Permanent Identification Number (PIN) is used to merge data files. The PIN variable name differs across years
  - PPIN is the 2011-12 variable
  - When merging files from different survey years, use “\*PIN”
- All PSS files are sorted in ascending order by the ANSI/FIPS State Code and then by the PIN. Therefore, they do not need to be pre-sorted before merging them
- In SPSS, value labels are attached automatically during the extraction process

### Slide 6 of 10

#### Sample SPSS Syntax for Merging PSS Data Files

```
get file = 'dataset1.sav';
```

```
get file = 'dataset2.sav';
```

```
match files file = 'dataset1.sav'/table 'dataset2' /by *PIN;
```

\*merges the two files and specifies dataset1 as unit of analysis\*

```
save outfile = 'mergeddatafile.sav';
```

\*creates new merged filename\*

## Considerations for Analysis of PSS Data

### Slide 7 of 10

#### Sample SAS Syntax for Merging PSS Data Files

```
data newfilename;  
/*creates new merged file name*/  
merge dataset1 (in=a) dataset2;  
/*merges the two files and specifies dataset1 as unit of analysis*/  
by *PIN;  
if a = 1;  
/*keeps all dataset1 records and only matching dataset2 records*/  
run;
```

### Slide 8 of 10

#### Data Anomalies

- Beginning with 1993-94 PSS Data Files
  - Kindergarten-terminal schools were added to definition of eligible private school
  - To maintain consistent private school definition when analyzing post 1991-2 PSS data with prior years data, select TABFLAG=1 for post 1991-2 PSS year data
- The 2011-12 PSS Data File
  - Does not contain 8-category locale code (LOCALE) used through 2005-06
  - Does contain 12-category locale code (ULOCALE) used in prior years
  - Has 7 race/ethnicity categories rather than the 5 categories used in prior years
    - Asian or Pacific Islander category separated into two: Asian, and Native Hawaiian or Pacific Islander
    - Two or more races category added

## Considerations for Analysis of PSS Data

### Slide 9 of 10

#### Changes to PSS over Time

- These modules describe how to use the most recent 2011-12 PSS
- PSS sampling, content and processing have changed over course of more than 20 years
- Each round of PSS has its own Data File User's Manual or Data Documentation applicable to that data collection
- Because crosswalks do not exist for comparing item content over time, you should study each data collection's:
  - Question wording
  - Geographic identifiers

### Slide 10 of 10

#### Module Summary and Resources

##### Summary

- Described the overlapping data in PSS and how that affects analyses
- Discussed merging data files across collection years
- Discussed data anomalies and changes over time

##### Resources

- [PSS Home Page](#)