

TSEPWin v. 5

Tax Stratification and
Estimation Program for Windows
Version 5

What can I do with TSEPWin?

- Set sampling parameters
- Set stratum boundaries
- Read data files
- Calculate sample size
- Select sample
- Select expanded sample
- Estimate tax due
- Print reports

What are Sampling Parameters?

- Relative precision
- Confidence level
- Expected error rate
- Minimum sample size
- Model
- Allocation method
- Handling of negative invoices

How are stratum boundaries set?

- Manually
- Cumulative Square Root
- Geometric ratio

How is the sample size determined?

- TSEPWin calculates the sample size. If the size is unsatisfactory, you may change the parameters to change the size.
- Sampling Diagnostics are calculated. If the numbers are not acceptable, you may change the parameters or the boundaries.
- The sample will be pulled from the data file and exported to the format of your choice.

What Estimators are used?

TSEPWin allows you to choose from 5 different estimators:

- Difference Estimator
- Combined Ratio Estimator
- Separate Ratio Estimator
- Combined Regression Estimator
- Separate Regression Estimator

TSEPWin Demonstration

- Actual taxpayer data file
- Set parameters and stratum boundaries
- Calculate sample size and select sample
- Perform estimation using audit results