How to Determine the Sample Size in RAT-STATS

In the regulation 7 AAC 160.115(c) a Medicaid provider may use any widely accepted statistical software, such as RAT-STAT, to assist in the sample size determination, and sample selection, using a minimum of a 90% confidence interval.

1. Open RAT-STATS 2010 Version 4

2. Click on the “Sample Size Determination” Tab on the menu bar

3. Select “Attribute Sample Size Determination”
4. Your screen will now look like this:

5. In the Confidence Level box, Select 90%
6. Select a percentage in the “Anticipated Rate of Occurrence” box. Use the information text above this box for guidance. Typically around 10% is sufficient.

7. Enter in your “Universe Size” of claims. This would be all of your paid Medicaid claims for the selected calendar year at the claim header level; total number of your Transaction Control Numbers (TCN).
8. Enter in the “Desired Precision Range”. Use the information text to the left this box for guidance. Typically around 10% is sufficient.

9. Select “OK” at the bottom right side of screen.
In this example the Sample Size would be **103 TCNs** to sample.