METRIC CALCULATIONS

The primary SHEF metrics are calculated as follows:

1. **Net Full-Time Equivalent Enrollment (FTE)**: Gross FTE, excluding non-credit or non-degree enrollment and medical school enrollments.
   - \[ \text{Net FTE} = \text{Gross FTE} - \text{Medical FTE} \]

2. **Educational Appropriations**: The part of state and local support available for public higher education operating expenses, excluding spending for research, agricultural extension, and medical education, and support for independent institutions or independent student aid.
   - \[ \text{Educational Appropriations} = \text{Tax Appropriations} + \text{Non-tax Support} + \text{Non-appropriated Support} + \text{Endowment} + \text{Previous Appropriations} + \text{Other Support} - \text{Return Appropriations} - \text{Multi-year Appropriations} - \text{Non-credit - Independent Operating} - \text{Independent Aid} - \text{Out of State Aid} + \text{Local Support} - \text{Research Appropriations} - \text{Agricultural Extension Appropriations} - \text{Hospital Appropriations} - \text{Medical School Appropriations} \]

3. **Net Tuition Revenue**: The gross amount of tuition and mandatory fees at public institutions, excluding state and institutional financial aid, tuition waivers or discounts, and medical student tuition and fees.
   - \[ \text{Net Tuition Revenue} = \text{Gross Tuition} - \text{Discounts and Waivers} - \text{State Public Aid} - \text{Medical Tuition} \]

4. **Total Educational Revenue**: The sum of educational appropriations and net tuition revenue, excluding any tuition revenue used for capital and debt service.
   - \[ \text{Total Educational Revenue} = \text{Educational Appropriations} + \text{Net Tuition Revenue} - \text{Tuition for Debt Service} \]

The calculated metrics are divided by Net FTE and by the adjustment factors in each state:

1. **Educational Appropriations per FTE Adjusted** = \[ \frac{\text{Educational Appropriations}}{\text{Net FTE}} \times (\text{HECA} \times \text{COLI} \times \text{EMI}) \]

2. **Tuition Revenue per FTE Adjusted** = \[ \frac{\text{Net Tuition Revenue}}{\text{Net FTE}} \times (\text{HECA} \times \text{COLI} \times \text{EMI}) \]

3. **Total Educational Revenue per FTE Adjusted** = \[ \frac{\text{Total Educational Revenue}}{\text{Net FTE}} \times (\text{HECA} \times \text{COLI} \times \text{EMI}) \]