

SHEF METRIC CALCULATIONS

THE PRIMARY SHEF METRICS ARE CALCULATED AS FOLLOWS:

1. **Net Full-Time Equivalent Enrollment (FTE):** Full-time equivalent (FTE) enrollment converts student credit hours to full-time academic year students. Net FTE includes dual enrollment but excludes non-degree enrollment and medical students.

- *Net FTE = Gross FTE - Medical FTE*
- *Two-Year Net FTE = Gross FTE*
- *Four-Year Net FTE = Gross FTE - Medical FTE*

2. **Education Appropriations:** State and local support available for public higher education operating expenses and student financial aid excluding research, hospitals, and medical education. State-level education appropriations include federal stimulus and agency funding; sector-level education appropriations do not.

- *Education Appropriations = Tax Appropriations + Non-Tax Support + Non-Appropriated Support + Endowment + Previous Appropriations + Other Support + Stimulus Funds + Local Support - Return Appropriations - Multi-Year Appropriations - Non-Credit - Independent Operating - Independent Aid - Out of State Aid - Medical Financial Public Aid - Research Appropriations - Agricultural Extension Appropriations - Hospital Appropriations - Medical School Appropriations*
- *Two-Year Education Appropriations = Two-Year State General Operating + Two-Year Public Financial Aid + Two-Year Local Appropriations*
- *Four-Year Education Appropriations = Four-Year State General Operating + Four-Year Public Financial Aid + Four-Year Local Appropriations*

3. **State Public Financial Aid:** State appropriated student aid for tuition and mandatory fees for public institutions, excluding medical aid but including uncategorizable public aid. Includes all aid that is not expected to be repaid.

- *State Public Financial Aid = Two-Year Public Financial Aid + Four-Year Public Financial Aid + Uncategorizable Public Financial Aid*
- *Two-Year State Public Financial Aid*
- *Four-Year State Public Financial Aid*

4. **Net Tuition and Fee Revenue:** The total amount of tuition and mandatory "education and general" fees at public institutions, minus state and institutional financial aid and medical tuition and fees.
- *Net Tuition and Fee Revenue = Gross Tuition and Fee Revenue - Institutional Discounts and Waivers - State Public Financial Aid - Medical Tuition and Fee Revenue*
 - *Two-Year Net Tuition and Fee Revenue = Two-Year Gross Tuition and Fee Revenue - Two-Year Institutional Discounts and Waivers - Two-Year State Public Financial Aid*
 - *Four-Year Net Tuition and Fee Revenue = Four-Year Gross Tuition and Fee Revenue - Four-Year Institutional Discounts and Waivers - Four-Year State Public Financial Aid - Medical Tuition and Fee Revenue*
5. **Total Education Revenue:** The sum of education appropriations and net tuition at public institutions, excluding net tuition revenue used for capital debt service.
- *Total Education Revenue = Education Appropriations + Net Tuition and Fee Revenue - Tuition Used for Debt Service*
 - *Two-Year Total Education Revenue = Two-Year Education Appropriations + Two-Year Net Tuition and Fee Revenue - Two-Year Tuition Used for Debt Service*
 - *Four-Year Total Education Revenue = Four-Year Education Appropriations + Four-Year Net Tuition and Fee Revenue - Tuition Used for Debt Service*

THE CALCULATED METRICS ARE DIVIDED BY NET FTE AND BY THE ADJUSTMENT FACTORS:

1. **HECA:** The Higher Education Cost Adjustment estimates inflation in the costs paid by colleges and universities. HECA adjusts for inflation from the state perspective. *HECA is applied to prior-year data in trend comparisons.*
2. **COLI:** The Cost of Living Index is calculated based on the weighted average of county-level data collected by the Council for Community and Economic Research. *COLI is applied to state- and sector-level comparisons.*
3. **EMI:** The Enrollment Mix Index adjusts for differences in the distribution of enrollment by sector in each state compared to the national enrollment distribution. *EMI is applied to state-level comparisons only.*

Example:

- **Education Appropriations per FTE (Constant Adjusted Dollars) =** *Education Appropriations / Net FTE / (HECA * COLI * EMI)*
- **Two-Year Education Appropriations per FTE (Constant Adjusted Dollars) =** *Two-Year Education Appropriations / Two-Year Net FTE / (HECA * COLI)*