Connecticut Outcomes-Based Funding Model

Outcomes-Based Funding Task Force
Hartford, Connecticut
October 30, 2015
Background Data
Funding per FTE Student, Public Total, 2013

Sources: NCES, IPEDS Completions Files; Academic Years 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Funding per FTE Student, Public Research, 2013

Sources: NCES, IPEDS Completions Files; Academic Years, 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Funding per FTE Student, Public Bachelors & Masters, 2013

**Graph Description:**
- The graph displays the funding per FTE student in public bachelors and masters for different states in 2013.
- Each bar represents a state, with the height of the bar indicating the funding amount.
- The states are listed on the x-axis, and the funding amounts are on the y-axis.
- The funding amounts range from 3,438 to 17,704 dollars per FTE student.

**Sources:**
- NCES, IPEDS Completions Files; Academic Years 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Funding per FTE Student, Public 2-Year, 2013

Sources: NCES, IPEDS Completions Files; Academic Years 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Public Research Universities: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student, 2012-13

Sources: NCES, IPEDS Completions Files; Academic Years 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Public Bachelors & Masters Institutions: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student, 2012-13

Sources: NCES, IPEDS Completions Files; Academic Years 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Public Two-Year Institutions: Undergraduate Credentials per 100 FTE Undergraduates and Total Funding per FTE Student, 2012-13

Sources: NCES, IPEDS Completions Files; Academic Years, 2012-13; Academic Year Instructional Activity Files, 2012-13; Finance Files; GASB, FASB, and Private-for-profit Finance Files 2012-13.
Total Educational Revenue Per FTE
State Differences From U.S. Average, Fiscal 2014

Source: SHEEO SHEF FY 2014
Total Educational Revenue Per FTE Percent Change by State, Fiscal 2009-2014

Source: SHEEO SHEF FY 2014

NOTE: Dollars adjusted by 2014 HECA, Cost of Living Adjustment, and Enrollment Index; total educational revenue excludes net tuition revenue used for capital debt service.

Source: SHEEO SHEF FY 2014
Net Tuition as a Percent of Public Higher Education Total Educational Revenue by State, FY 2014
Family Share of Public Higher Education Operating Revenues

Source: SHEEO SSDB
Estimated Need-based Undergraduate Grant Dollars per Undergraduate FTE, by State, 2012-13

Design of the Funding Model
Connecticut Outcomes-Based Funding Model

- One of three components of State’s model for institutional Funding
  - Base funding
  - Investment Fund
  - Performance/outcomes
Minimum Requirements for Outcomes-based Component Specified in Statute

- Rewarding public and independent institutions for
  - Increasing number of degrees awarded to residents of the state
    - special emphasis on
      - Areas with workforce shortages
      - Students from underrepresented populations
    - Increasing business activity in state through research
- Rewarding public institutions for increasing their productivity
  - Decreasing cost of earning a degree
CERTIFICATES - Completions for Connecticut Institutions, 2011-12, Includes Less than 1 Year and One to Two Year Awards

- HEALTH PROFESSIONS AND RELATED PROGRAMS
- PERSONAL AND CULINARY SERVICES
- MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS
- TRANSPORTATION AND MATERIALS MOVING
- CONSTRUCTION TRADES
- ENGINEERING TECHNOLOGIES AND ENGINEERING-RELATED...
- BUSINESS, MANAGEMENT, MARKETING, AND RELATED...
- PRECISION PRODUCTION
- COMPUTER AND INFORMATION SCIENCES AND SUPPORT...
- LEGAL PROFESSIONS AND STUDIES
- FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES
- PARKS, RECREATION, LEISURE, AND FITNESS STUDIES
- HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING...
- VISUAL AND PERFORMING ARTS
- EDUCATION
- LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND...
- AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED...
- NATURAL RESOURCES AND CONSERVATION
- PUBLIC ADMINISTRATION AND SOCIAL SERVICE...
- MULTI/INTERDISCIPLINARY STUDIES
- COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS
- LIBRARY SCIENCE
- ENGLISH LANGUAGE AND LITERATURE/LETTERS
- FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS
- SOCIAL SCIENCES
- ENGINEERING

CT State University
CT CCs
<2 Yr Public
Private Non-Prof 4Yr, 2Yr, <2Yr
Private For Profit 4Yr, 2Yr, <2Yr
ASSOCIATES - Completions for Connecticut Institutions, 2011-12, Includes Associates and 2-4 Year Awards

LIBERAL ARTS AND SCIENCES, GENERAL STUDIES AND...  
HEALTH PROFESSIONS AND RELATED PROGRAMS.  
BUSINESS, MANAGEMENT, MARKETING, AND RELATED...  
HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING...  
EDUCATION.  
ENGINEERING TECHNOLOGIES AND ENGINEERING-RELATED...  
VISUAL AND PERFORMING ARTS.  
COMPUTER AND INFORMATION SCIENCES AND SUPPORT...  
PUBLIC ADMINISTRATION AND SOCIAL SERVICE...  
FAMILY AND CONSUMER SCIENCES/HUMAN SCIENCES.  
ENGINEERING.  
COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS.  
LEGAL PROFESSIONS AND STUDIES.  
MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS.  
PERSONAL AND CULINARY SERVICES.  
AGRICULTURE, AGRICULTURE OPERATIONS, AND RELATED...  
PARKS, RECREATION, LEISURE, AND FITNESS STUDIES.  
MULTI/INTERDISCIPLINARY STUDIES.  
NATURAL RESOURCES AND CONSERVATION.  
SCIENCE TECHNOLOGIES/TECHNICIANS.  
THEOLOGY AND RELIGIOUS VOCATIONS.  
COMMUNICATIONS TECHNOLOGIES/TECHNICIANS AND...  
PHYSICAL SCIENCES.  
BIOLOGICAL AND BIOMEDICAL SCIENCES.  
FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS.  
TRANSPORTATION AND MATERIALS MOVING.  
PHILOSOPHY AND RELIGIOUS STUDIES.
### DOCTORATES - Completions for Connecticut Institutions, 2011-12

<table>
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<tr>
<th>Field</th>
<th>Univ of CT</th>
<th>CT State University</th>
<th>CT CCs and 2-Yr Public</th>
<th>Private Non-Prof 4Yr, 2Yr, &lt;2Yr</th>
<th>Private For Profit 4Yr, 2Yr, &lt;2Yr</th>
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Note: The bar chart represents the completions in each field for the institutions in Connecticut, categorized by type of institution. The data is specifically for the years 2011-12.
Design Principles

• For Four-year institutions
  1. Increase in number of degrees produced – most recent year relative to average of prior three years
     • Baccalaureate
     • Masters
     • Doctoral & First Professional

• For Two-Year institutions
  2. Increase in number of degrees produced – most recent year relative to average of prior three years
     • Associates
     • Certificates in selected fields
     • Transfers with at least 30 credits to an in-state four-year institution

• For ALL institutions
  3. Value of a completion is weighted 1.5 (?) for awards in workforce shortage areas as defined by the Planning Commission
  4. Value of a completion is weighted 1.5 (?) for awards to students from underrepresented populations as defined by the Planning Commission
     • Low income/Pell recipients (?)
     • Minorities (?)
Design Principles

• For all Research Universities
  5. Increase in dollar value of externally funded research - must recent year relative to average of prior three years
    • Value of 2.0 (?) is applied to research funds received from in-state funders
  6. Other measures of contributions to economic vitality?
    • Licensure revenues?
    • Employment in in-state spin-off companies?

• For all Public Institutions
  7. Decreases in (tuition & fee plus state appropriation) revenues per completion. Where completer is defined as:
    • Degree recipient for 4-year institutions
    • Degree recipient, certificate recipient (in selected fields), or transfer with 30 or more credits for 2-year institutions
  8. Increase in number of undergraduate completers per 100 FTE UG enrollees
Implementation Principles

1. Performance scores/allocations are calculated separately for each institution
2. Results are aggregated for
   – UCONN
   – CSUC – 4-Year
   – CSUC – 2-Year
   – Charter Oak
3. Allocations are made at the aggregate level to the appropriate governing board
4. Governing boards make allocations to institutions