2020 Bethel Study

Trends in Affordability & Institutional Financial Health at CCCU Schools

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Dan Nelson



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Presentation Overview

- Financial Aid Survey Highlights
- Trends in Affordability
- Trends in Institutional Financial Health
- Characteristics of "Healthy" Institutions
- Additional Services Available
- Q & A





34 Regular Participants (at least 9 of last 10 years)
Schools in red participated all 22 years!

- Asbury University, KY
- Bethel University, MN
- Biola University, CA
- Calvin University, MI
- Colorado Christian University, CO
- Cornerstone University, MI
- Crown College, MN
- Dordt University, IA
- Geneva College, PA
- George Fox University, OR
- Gordon College, MA
- Grace College and Theological Seminary, IN
- Greenville College, IL
- Houghton College, NY
- Huntington University, IN
- Indiana Wesleyan University-Marion, IN
- John Brown University, AR

Lee University, TN

LeTourneau University, TX

Lincoln Christian University, IL

- Messiah College, PA
- Milligan University, TN
- Oklahoma Baptist University, OK
- Oklahoma Christian University, OK
- Olivet Nazarene University, IL
- Point Loma Nazarene University, CA
- Roberts Wesleyan College, NY
- Taylor University, IN
- Trevecca Nazarene University, TN
- University of Northwestern-St Paul, MN
- Warner Pacific College, OR
- Westmont College, CA
- Wheaton College, IL
- William Jessup University, CA

136 Schools participated at least once

since 1999

Financial Aid Survey Highlights

- Enrollment by Type of Student
- COVID-19
- Income Share Agreements
- Tuition Resets
- Timing of New Student Awards
- Scholarships (Endowed, Targeted, Academic)
- Athletics
- International Student Aid
- Awarding Philosophy
- Preferential Packaging

Presentation made to financial aid officers available at www.bethel.edu/institutionaldata-research/bethel-study/survey-presentations/



2019-'20 Enrollment (see p. 3)

- Of the 55 respondents:
 - 42 (76%) report non-traditional undergrads
 - 50 (91%) report graduate students
 - 55 (100%) report traditional undergraduates



COVID-19

Did your institution make any Fall 2020 pricing changes in response to the COVID pandemic?

- 28% of respondents (15 schools) reported changing their Fall 2020 sticker price
- 4% (2 schools) reported reducing their tuition for online instruction
- 13% (7 schools) reported reducing Fall 2020 room/board



COVID-19 Impact on Retention & Enrollment

F'20 <u>Retention</u> compared to last year

- 4% Significantly Below
- 19% Slightly Below
- 28% Similar
- 43% Slightly Better
- 7% Significantly Better
- 78% Similar or Better

F'20 New Student Enrollment compared to last year

- 33% Significantly Below
- 35% Slightly Below
- 7% Similar
- 17% Slightly Better
- 7% Significantly Better
- 68% Worse

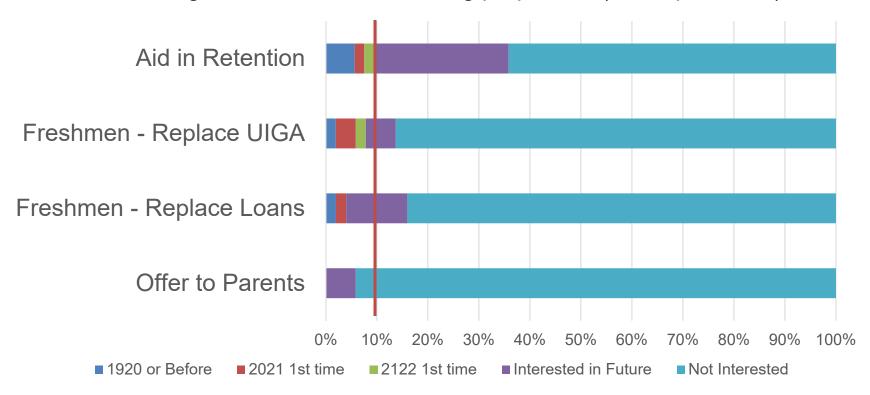
For more on this topic: www.salliemae.com/assets/research/HAP/HowAmericaPaysforCollege2020.pdf



Income Share Agreements - 2020

(see p. 295ff.)

To what extent are you using, or interested in offering, institutionally-funded Income Share Agreements for the following purposes? (53 respondents)





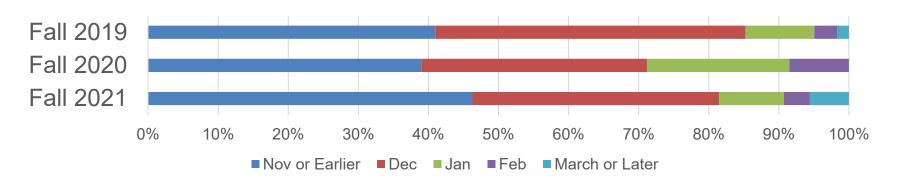
10 CCCU Schools* Announced Tuition Reductions in Recent Years (see p. 252ff.)

School	Year Effective	Prior Year Tuition	Reset Tuition	\$ Change	% Change
Houghton College, NY	2122	\$33,920	\$15,900	\$18,020	53%
Gordon College, MA	2122	\$37,560	\$25,250	\$12,310	33%
Seattle Pacific University, WA	2122	\$46,728	\$35,100	\$11,628	25%
Toccoa Falls College, GA	2021	\$23,184	\$21,120	\$2,064	9%
Bryan College, TN*	2021	\$27,900	\$16,900	\$11,000	39%
Cornerstone U., MI	1819	\$27,520	\$24,500	\$3,020	11%
The Master's Coll. & Sem., CA*	1819	\$33,020	\$25,390	\$7,630	23%
Eastern Nazarene Coll, MA	1819	\$31,780	\$25,598	\$6,182	20%
Univ. of Sioux Falls, SD	1819	\$27,980	\$18,280	\$9,700	35%
Warner Pacific Univ., OR	1819	\$24,500	\$18,660	\$5,840	24%

^{*} Includes former CCCU member institutions



Timing of New Student Awards for 2021-2022 (see p. 183ff.)

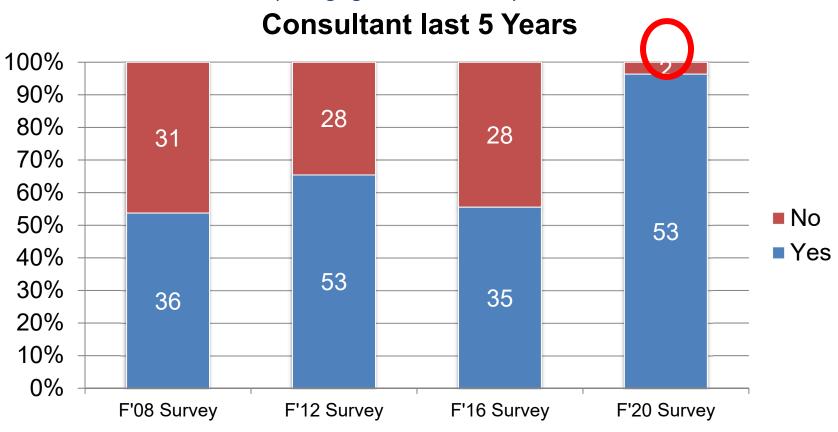


- When will you begin awarding new students for 2021-22?
 - 46% starting November 2020.
 - 35% starting December 2020
 - 9% starting January 2021
 - 4% starting February 2021
 - 6% starting March 2021 or later



Consultant or Leveraging Product (see pp. 203-204)

Have you purchased/used a leveraging product, or hired leveraging consultants, to assist you with your packaging within the last 5 years?





Academic Scholarships for Entering New Students – 2008, 2012, 2016 and 2020 Survey Results (see pp. 255-256)

	Percent Receiving Academic Scholarship						
	2008 Survey	2012 Survey	2016 Survey	2020 Survey			
Minimum	19%	16%	2%	7%			
1st Quartile	50%	55%	60%	44%			
Median	62%	70%	83%	90%			
3 rd Quartile	75%	83%	97%	99.9%			
Maximum	100%	100%	100%	100%			



Percent of Schools offering **Targeted Scholarships** 2012, 2016 and 2020 Survey Results (see pp. 225-254)

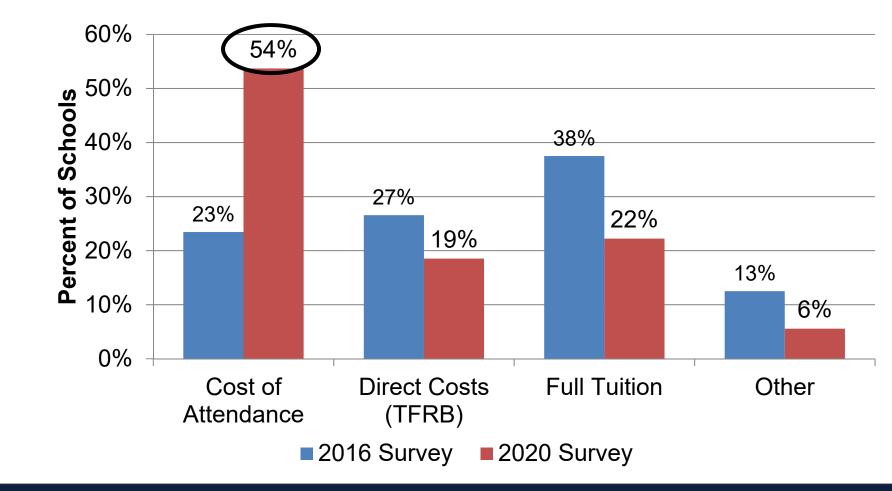
Scholarship	2012 Survey (81 schools)	2016 Survey (62 schools)	2020 Survey (55 schools)
Child of Minister or Missionary	73%	65%	77%
Athletic	71%	71%	72%
International Student	76%	64%	71%
Church Match	64%	66%	71%
Legacy	55%	47%	55%
Denominational Affiliation	40%	47%	49%
Child of Christian Service Worker	37%	29%	41%
Leadership	NA	NA	41%
Student of Color	34%	30%	38%
2 nd in Family	30%	21%	21%
First Generation	5%	10%	18%
Home Schooled	13%	17%	16%
Act Six	NA	NA	12%
Hybrid	16%	21%	7%



Preferential Packaging

Cap on Institutionally Controlled Gift Aid (see pp. 193-194)

"What limits the amount of institutionally controlled gift aid that a student can receive?"





Affordability

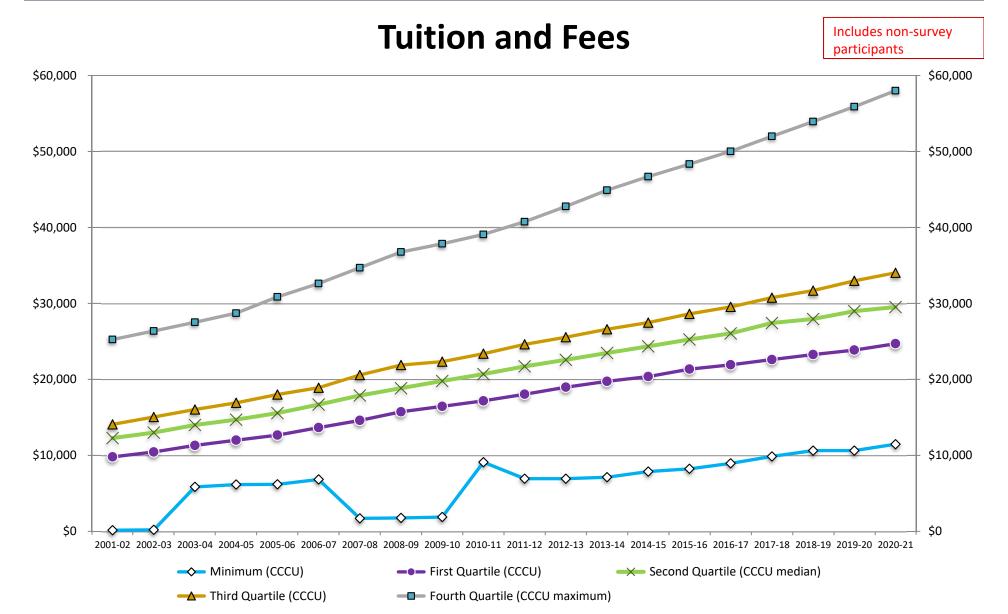
- Sticker Price Tuition & Fees
- Student Aid & Debt
- Loan Defaults
- Affordability at Select Peer Institutions



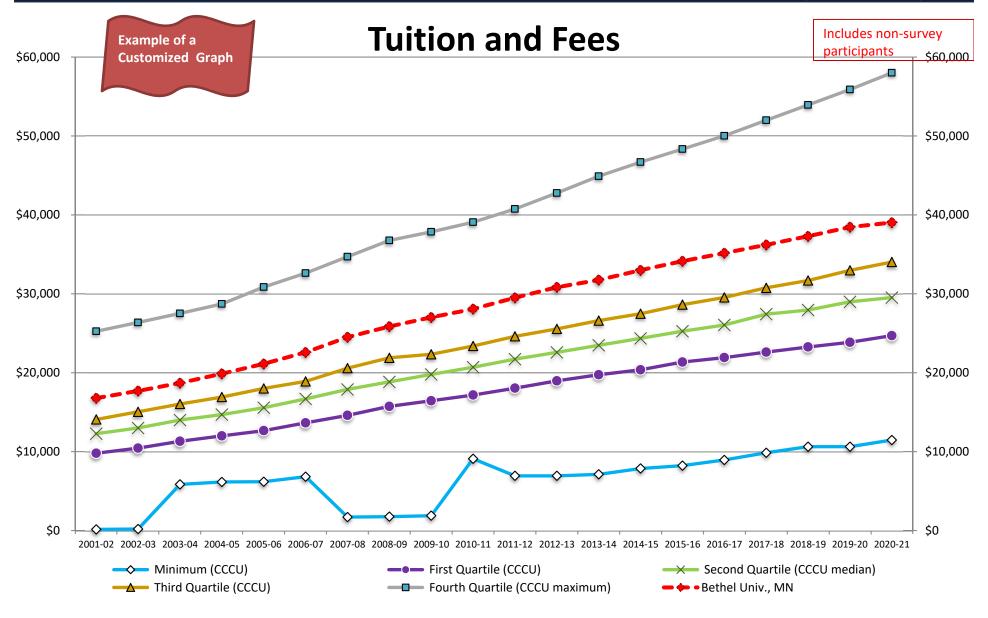
Chart Legend

- Average (CCCU mean)
- Fourth Quartile (CCCU maximum)
- Third Quartile (CCCU)
- Second Quartile (CCCU median)
- First Quartile (CCCU)
- Minimum (CCCU)

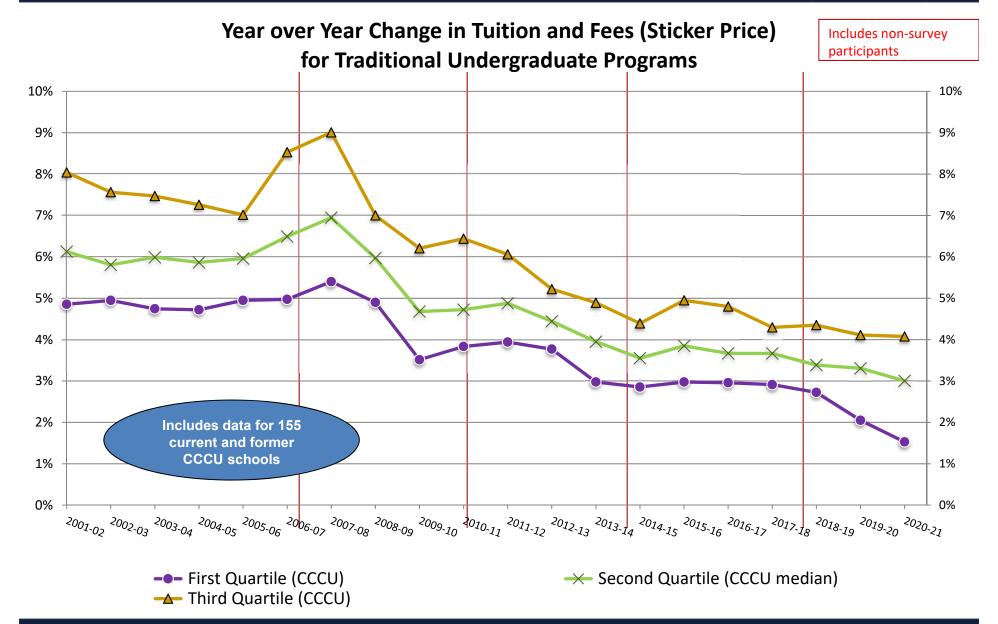




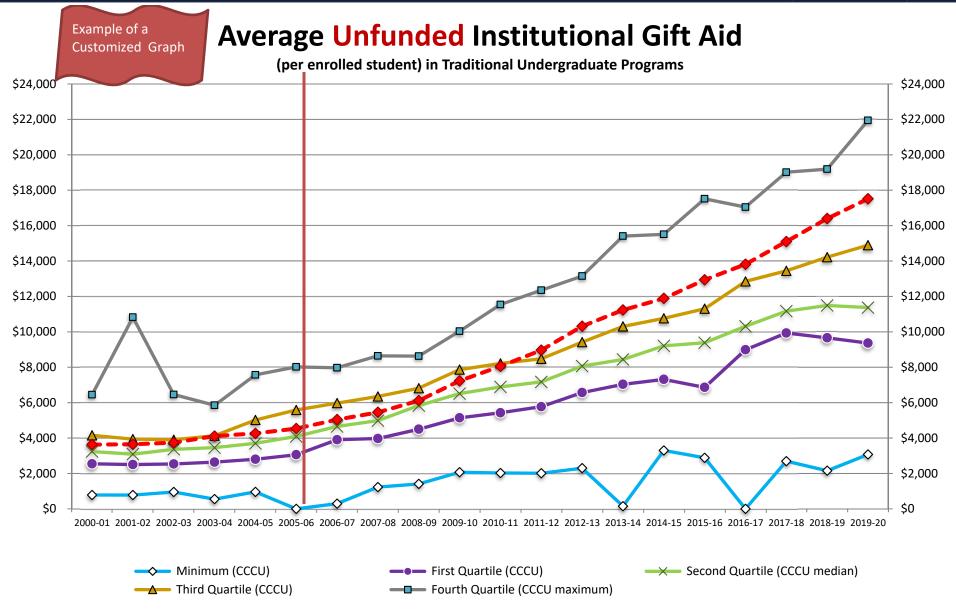








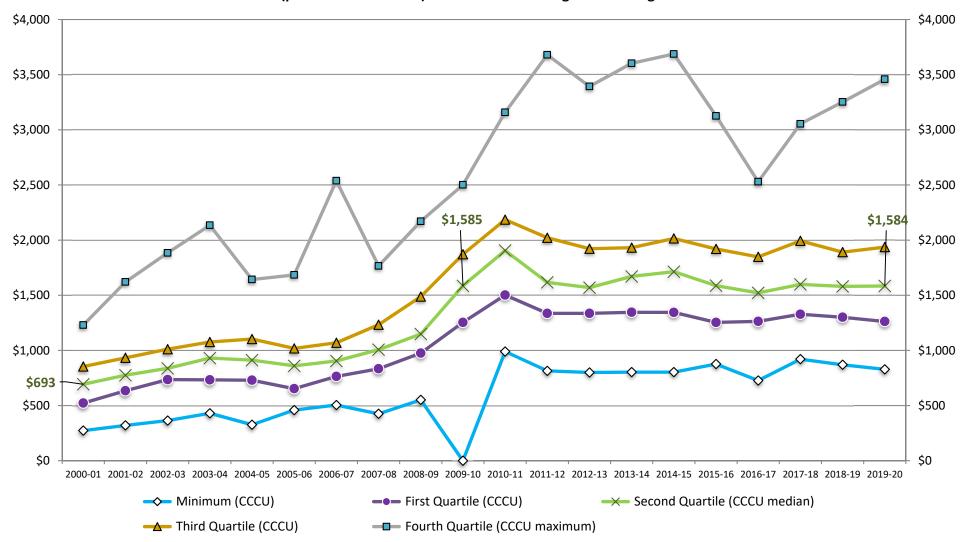






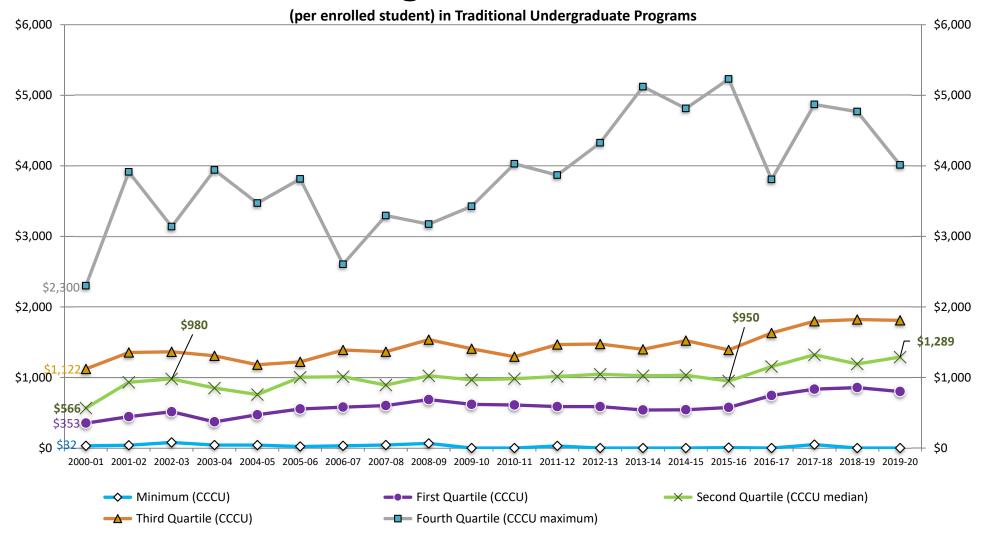
Average Federal Gift Aid

(per enrolled student) in Traditional Undergraduate Programs





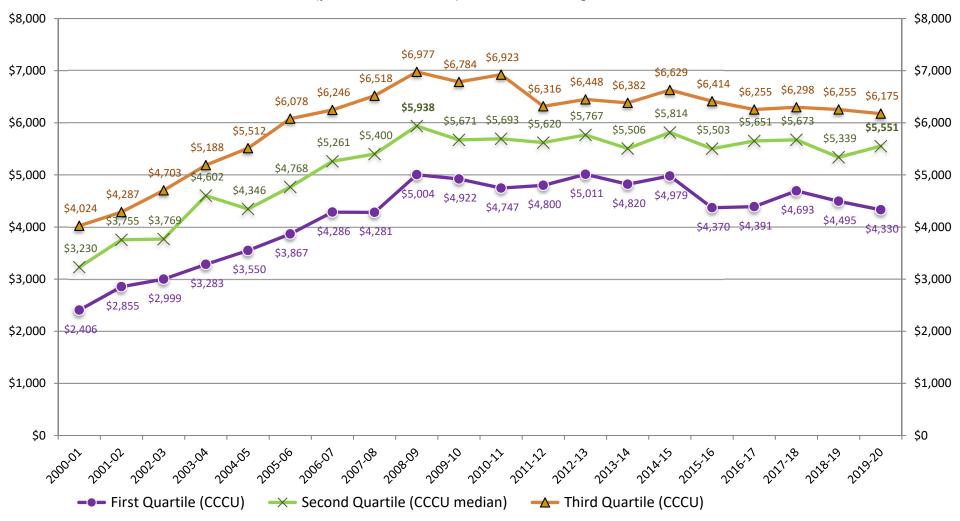
Average State Gift Aid





Average Loan: Student only

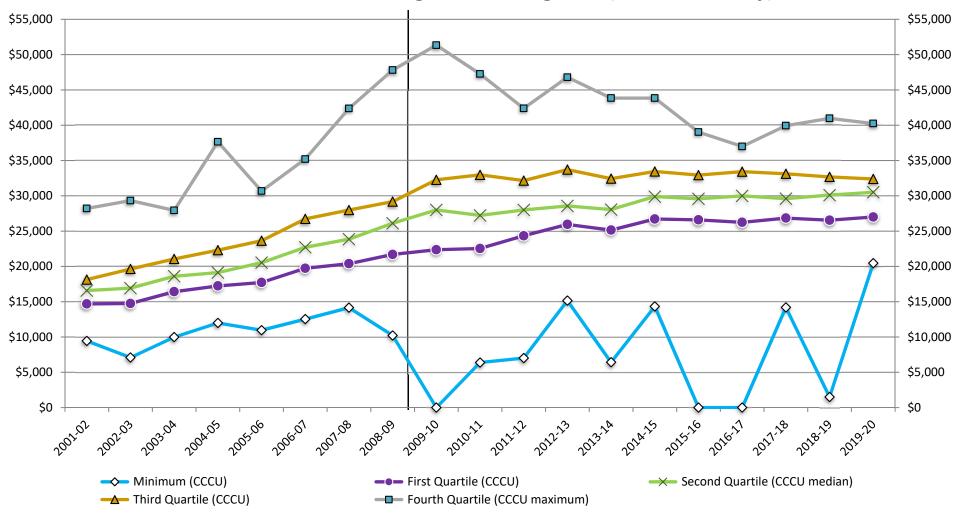
(per enrolled student) Traditional Undergraduates





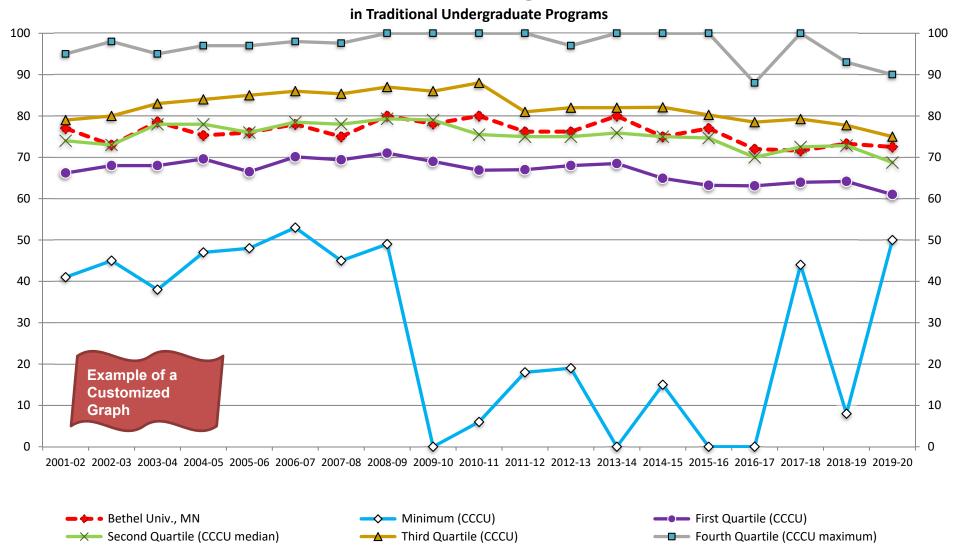
Average Educational Debt of Graduates

from Traditional Undergraduate Programs (borrowers only)





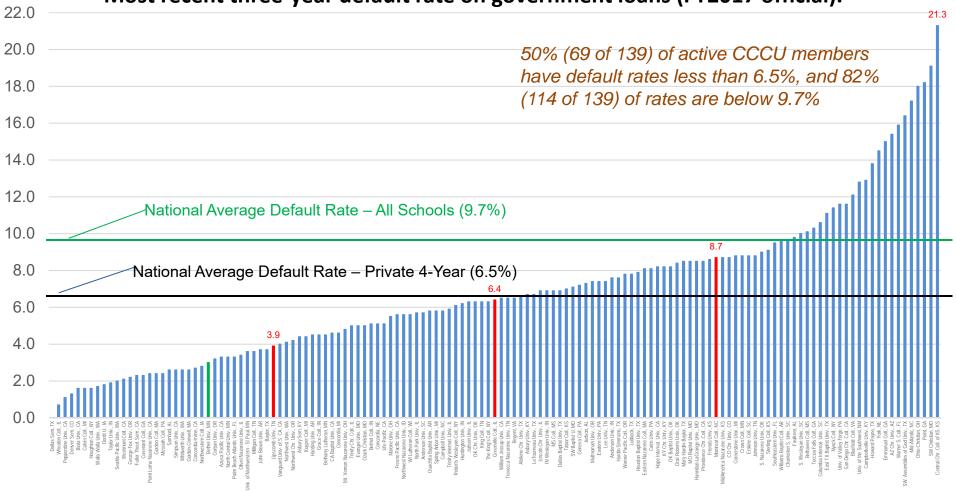
% of Graduates Borrowing Educational Loans





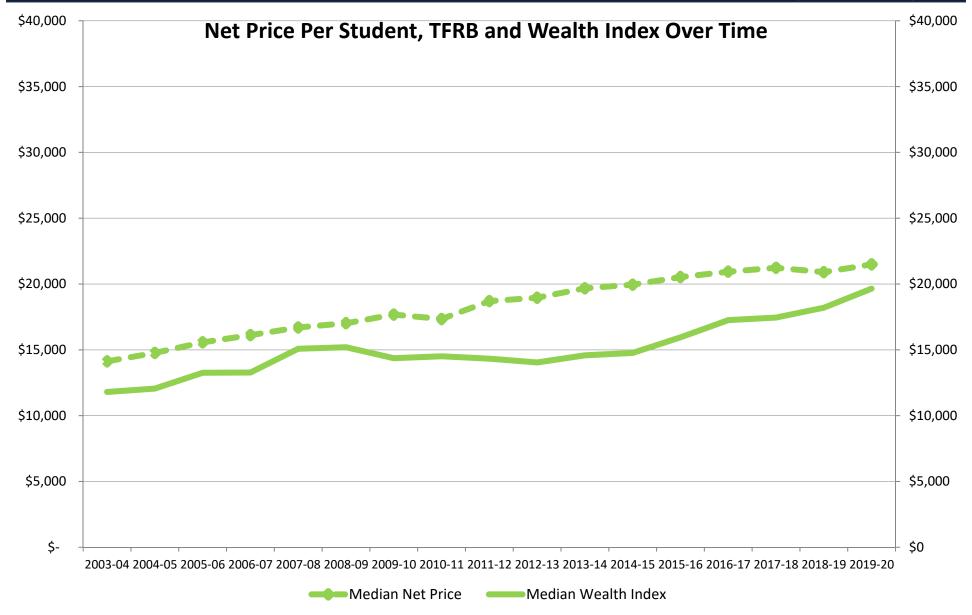
3-Year Cohort Default Rates Active CCCU Members

Most recent three-year default rate on government loans (FY2017 official).

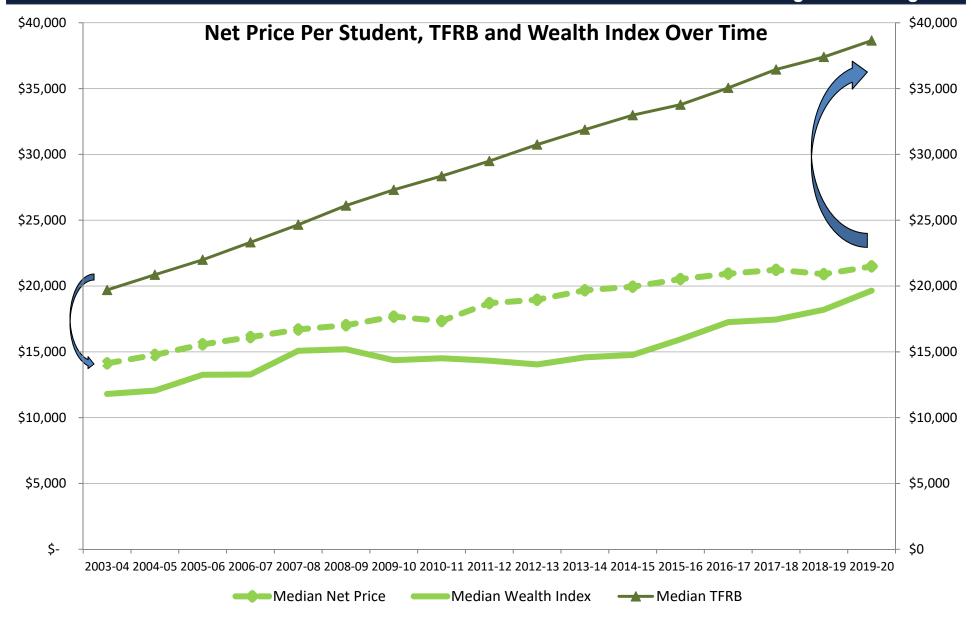


SOURCE: U.S. Department of Education Default Management, Official Cohort Default Rates for Schools, retrieved 12.12.2020 https://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr.html

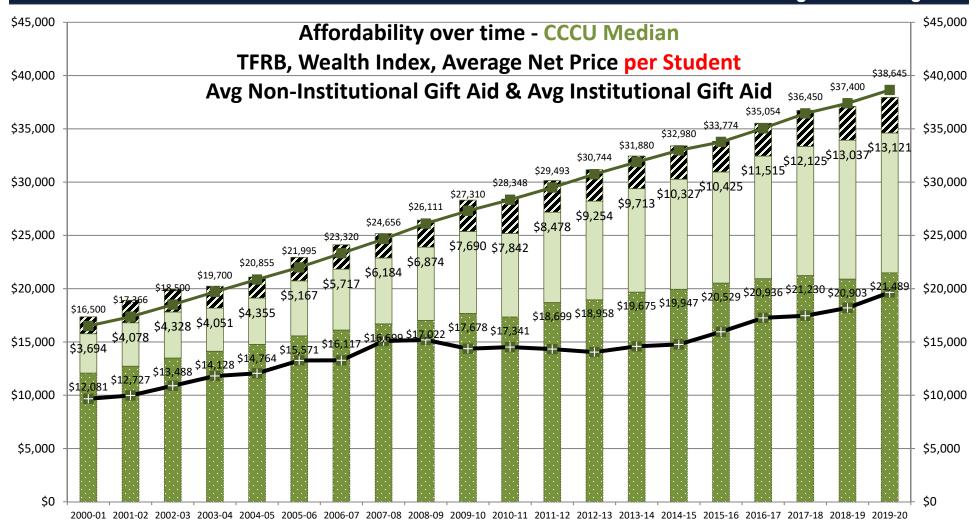












TFRB = Annual Tuition, Fees, Room & Board charged to new students enrolled full-time for fall and spring terms

Total Gift Aid = Sum of grants and scholarships from all sources (federal, state, institutional, private)

Net Price = TFRB minus Average "Total Gift Aid" per student approximates the amount students pay for TFRB.

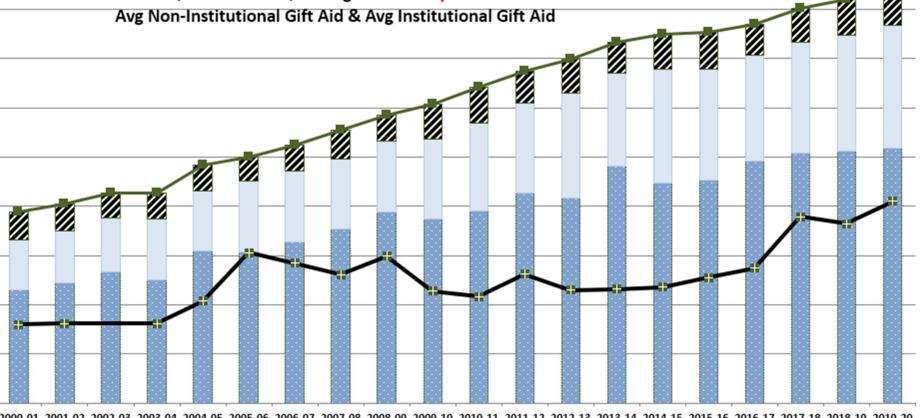
Wealth Index is an estimate of how much parents of dependent students are expected to pay per year, using Federal Methodology (assumes parent contribution for all students from non-need homes equals their school's TRFB).

CCCU Second Quartile (median): Avg. Non-Inst. Gift Aid
CCCU Second Quartile (median): Original Avg Total IGA (w Tuition Remission)
CCCU Second Quartile (median): Net Price
CCCU Second Quartile (median): Wealth Index
CCCU Second Quartile (median): TFRB



Affordability over time - School 2

TFRB, Wealth Index, Average Net Price per Student



2000-01 2001-02 2002-03 2003-04 2004-05 2005-06 2006-07 2007-08 2008-09 2009-10 2010-11 2011-12 2012-13 2013-14 2014-15 2015-16 2016-17 2017-18 2018-19 2019-20

TFRB = Annual Tuition, Fees, Room & Board charged to new students enrolled full-time for fall and spring terms

Avg Non-Institutional Gift Aid = Average per enrolled student of federal, state and private grants and scholarships

Avg Institutional Gift Aid = Average per enrolled student of institutional grants, scholarships and tuition remission

Avg Total Gift Aid = Average per enrolled student of the sum of non-institutional and institutional gift aid

Net Price per student = TFRB minus " Avg Total Gift Aid" per student approximates the amount students pay for TFRB.

Wealth Index is an estimate of how much parents of dependent students are expected to pay per year, using Federal

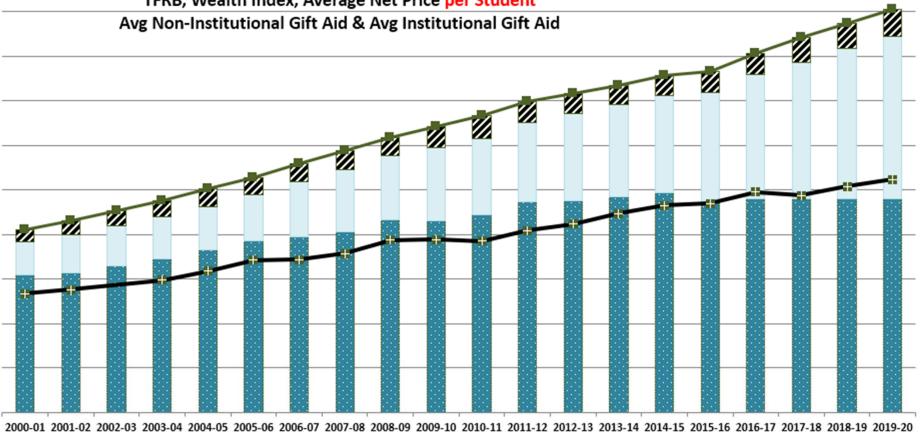
Methodology (assumes parent contribution for all students from non-need homes equals their school's TRFB).





Affordability over time - School 5

TFRB, Wealth Index, Average Net Price per Student



TFRB = Annual Tuition, Fees, Room & Board charged to new students enrolled full-time for fall and spring terms Avg Non-Institutional Gift Aid = Average per enrolled student of federal, state and private grants and scholarships Avg Institutional Gift Aid = Average per enrolled student of institutional grants, scholarships and tuition remission Avg Total Gift Aid = Average per enrolled student of the sum of non-institutional and institutional gift aid Net Price per student = TFRB minus " Avg Total Gift Aid" per student approximates the amount students pay for TFRB. Wealth Index is an estimate of how much parents of dependent students are expected to pay per year, using Federal Methodology (assumes parent contribution for all students from non-need homes equals their school's TRFB).

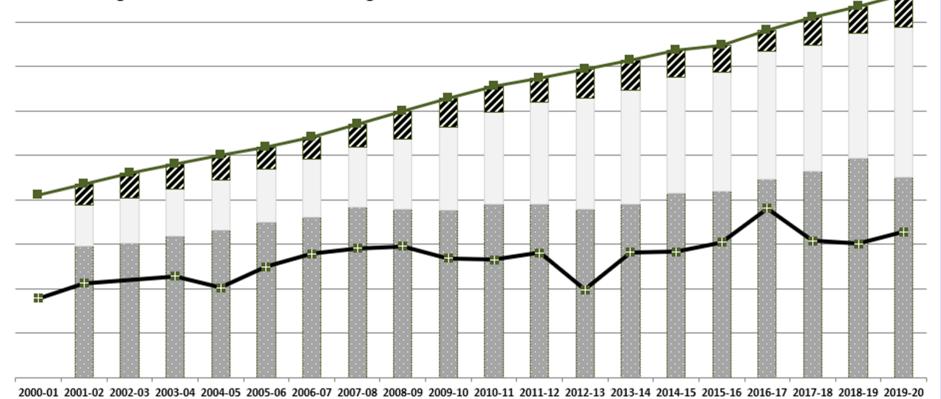




Affordability over time - School 7

TFRB, Wealth Index, Average Net Price per Student

Avg Non-Institutional Gift Aid & Avg Institutional Gift Aid



TFRB = Annual Tuition, Fees, Room & Board charged to new students enrolled full-time for fall and spring terms

Avg Non-Institutional Gift Aid = Average per enrolled student of federal, state and private grants and scholarships

Avg Institutional Gift Aid = Average per enrolled student of institutional grants, scholarships and tuition remission

Avg Total Gift Aid = Average per enrolled student of the sum of non-institutional and institutional gift aid

Net Price per student = TFRB minus " Avg Total Gift Aid" per student approximates the amount students pay for TFRB.

Wealth Index is an estimate of how much parents of dependent students are expected to pay per year, using Federal

Methodology (assumes parent contribution for all students from non-need homes equals their school's TRFB).

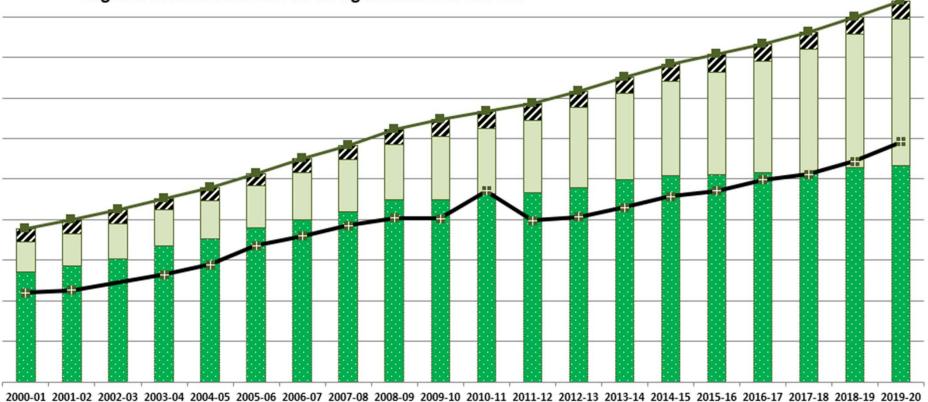




Affordability over time - School 8

TFRB, Wealth Index, Average Net Price per Student

Avg Non-Institutional Gift Aid & Avg Institutional Gift Aid



TFRB = Annual Tuition, Fees, Room & Board charged to new students enrolled full-time for fall and spring terms

Avg Non-Institutional Gift Aid = Average per enrolled student of federal, state and private grants and scholarships

Avg Institutional Gift Aid = Average per enrolled student of institutional grants, scholarships and tuition remission

Avg Total Gift Aid = Average per enrolled student of the sum of non-institutional and institutional gift aid

Net Price per student = TFRB minus " Avg Total Gift Aid" per student approximates the amount students pay for TFRB.

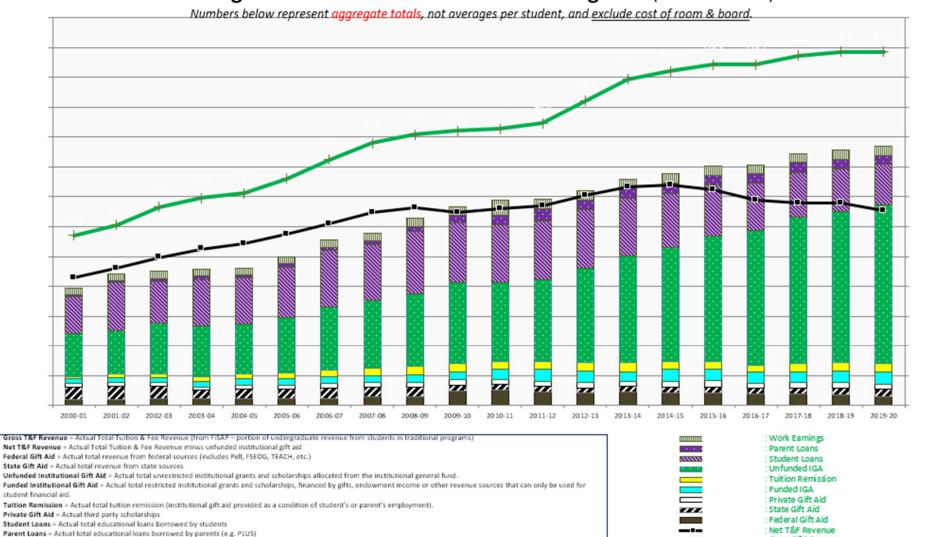
Wealth Index is an estimate of how much parents of dependent students are expected to pay per year, using Federal

Methodology (assumes parent contribution for all students from non-need homes equals their school's TRFB).





Sources of Institutional Tuition & Fee Revenue Over Time - School 8 Undergraduate Students in Traditional Programs (In millions of dollars)





Gross T&F Revenue

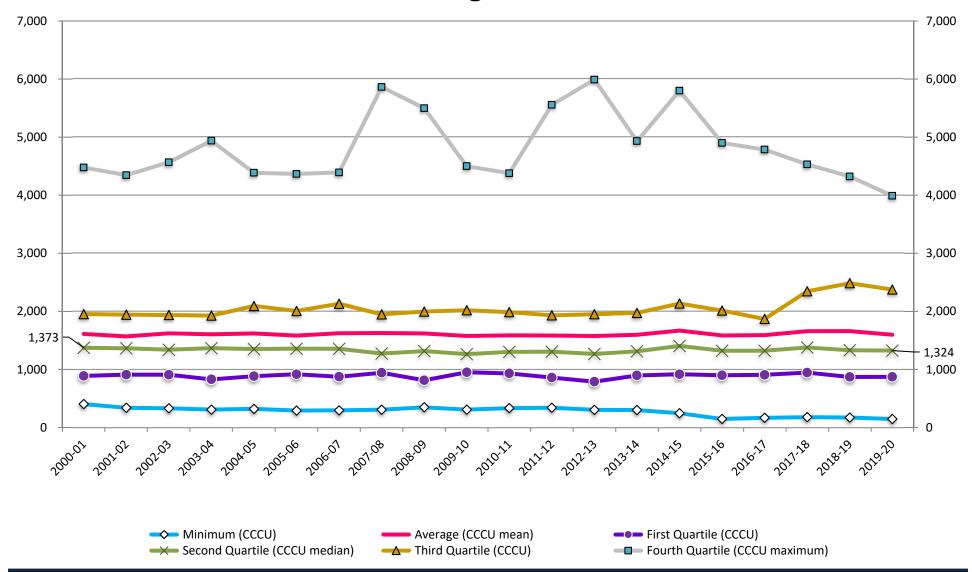
Work Earnings = Actual total earnings (federal, state and institutional programs)

Institutional Financial Health

- Enrollment
- Discount Rates
- Family Ability to Pay
 - Need
 - Wealth
- Net Tuition Revenue
- Characteristics of "Healthy" Institutions

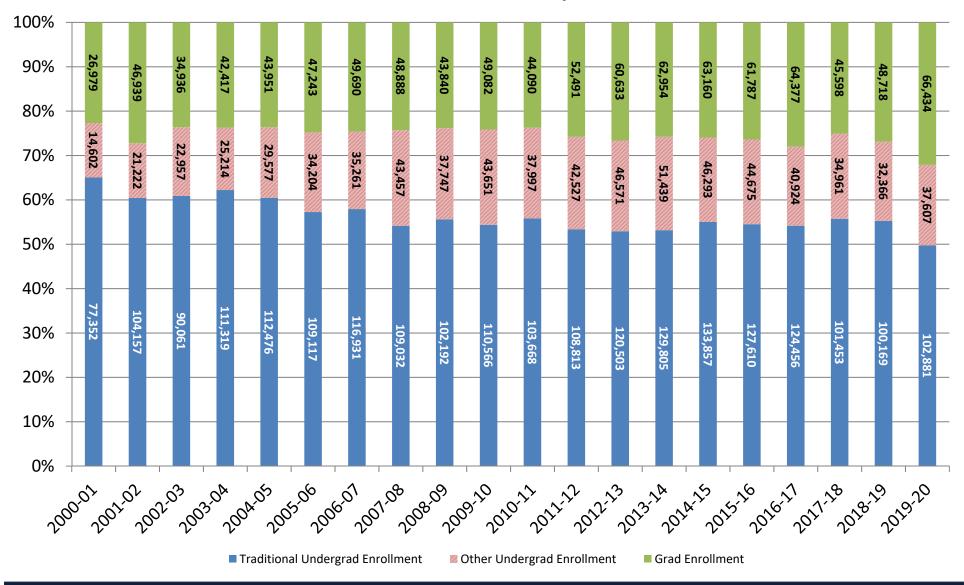


Traditional Undergraduate Enrollment





Total Enrollment - All Respondents







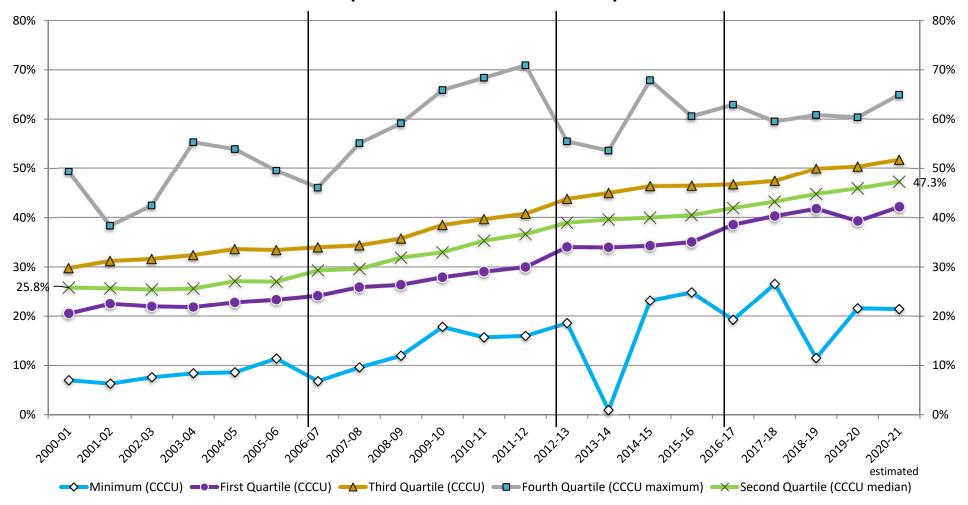
Discount Rate Calculation

- Unfunded
 - "Unrestricted Institutional gift aid" divided by "tuition and fee revenue"
- NACUBO
 - (Unrestricted institutional gift aid + endowed + restricted) divided by "tuition and fee revenue"
- Neither calculation includes employee tuition remissions



Unfunded Discount Rates in CCCU Schools

Traditional Undergraduate Programs (2020-21 data is estimated)



"Target" Unfunded Discount Rate for 2020-21 New Students (see p. 130)

	New Student Target Rate	All Student Estimated Rate	Gap
Minimum	23.0%	21.4%	+1.6 Points
First Quartile	47.0%	42.1%	+4.9 Points
Median	51.2%	47.4%	+3.8 Points
Third Quartile	56.5%	51.7%	+4.8 Points
Maximum	65.0%	64.9%	+0.1 Points



2019-20 Non-Need Students

(see p. 173ff.)

Percentage of non-need students receiving gift aid

- 17 of 52 (33%) schools gave <u>non-need</u> gift aid to over 97% of their nonneed students
 - Minimum = 17.4%
 - 1st quartile = 69.9%
 - Median = 94.1%
 - -3^{rd} quartile = 99.5%
 - Max = 100% (12 schools)

Average total gift aid per <u>non-need</u> aid recipient

- Minimum = \$4,508
- 1st quartile = \$12,136
- Median = \$14,583
- 3^{rd} quartile = \$17,267
- 5 schools over \$20,000
- Max = \$23,940

Weighted average total gift aid per needy recipient \$19,251



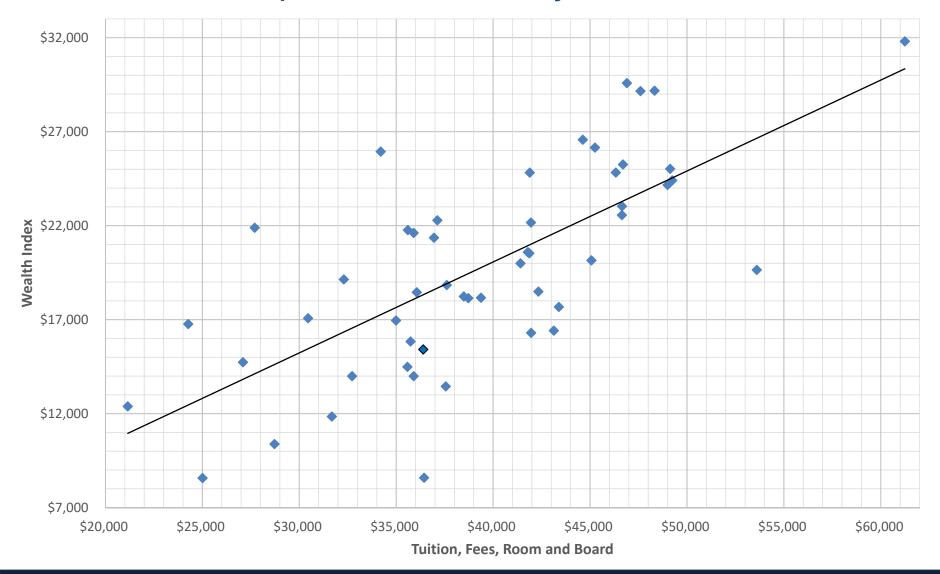
Price compared with Family Wealth

(see p. 159ff.)

- The "wealth index" is an approximate measurement of expected parent contribution from non-independent student families (whether or not they show need).
- A positive variance means that, compared to other reporting schools, families are wealthier than the norm.

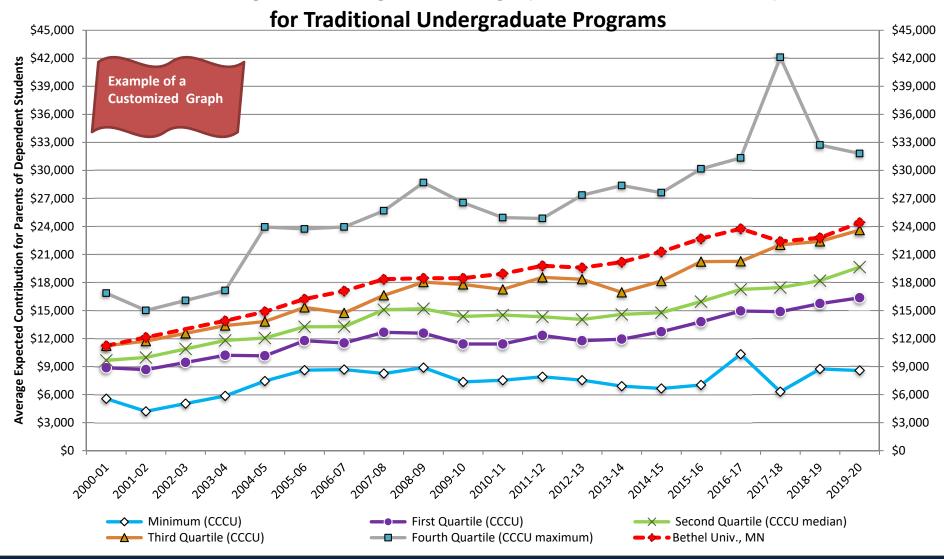


Price Compared with Family Wealth: 2019-20

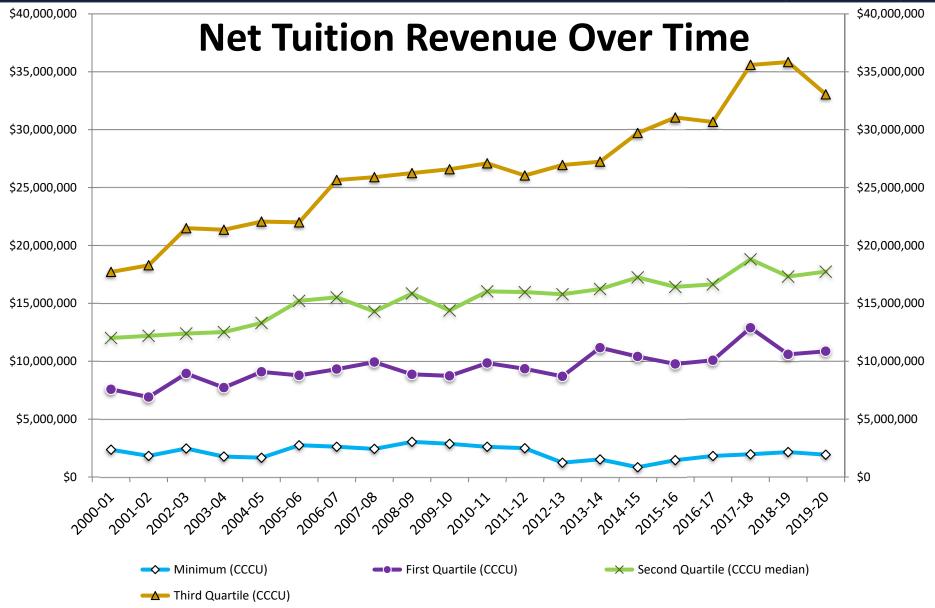




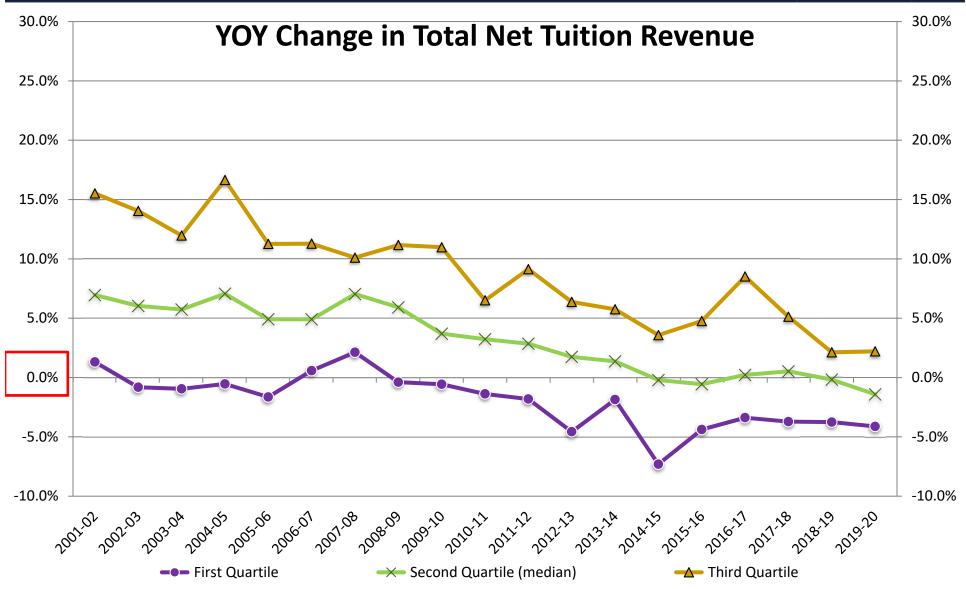
Family Ability to Pay (Wealth Index)





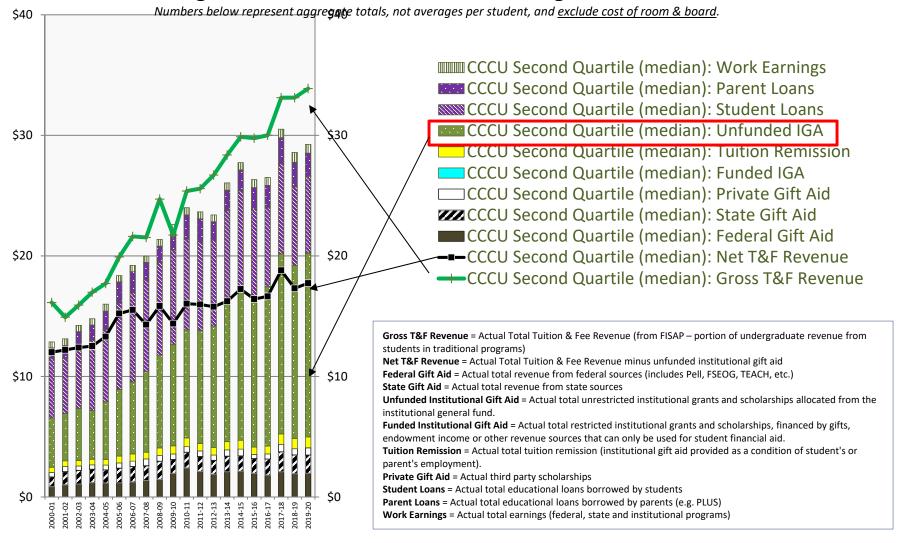








Sources of Institutional Tuition & Fee Revenue Over Time - <u>CCCU Median</u> Undergraduate Students in Traditional Programs (In millions of dollars)



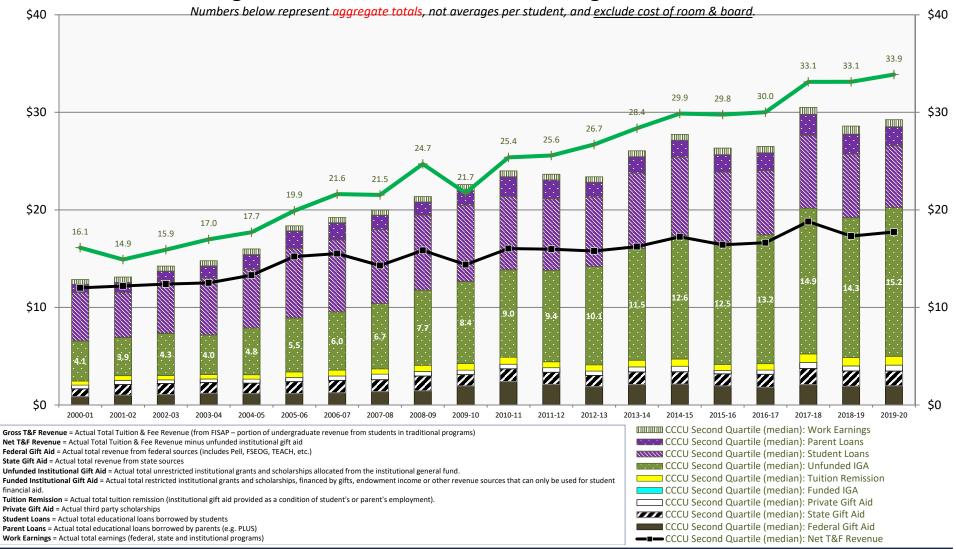


Look for schools...

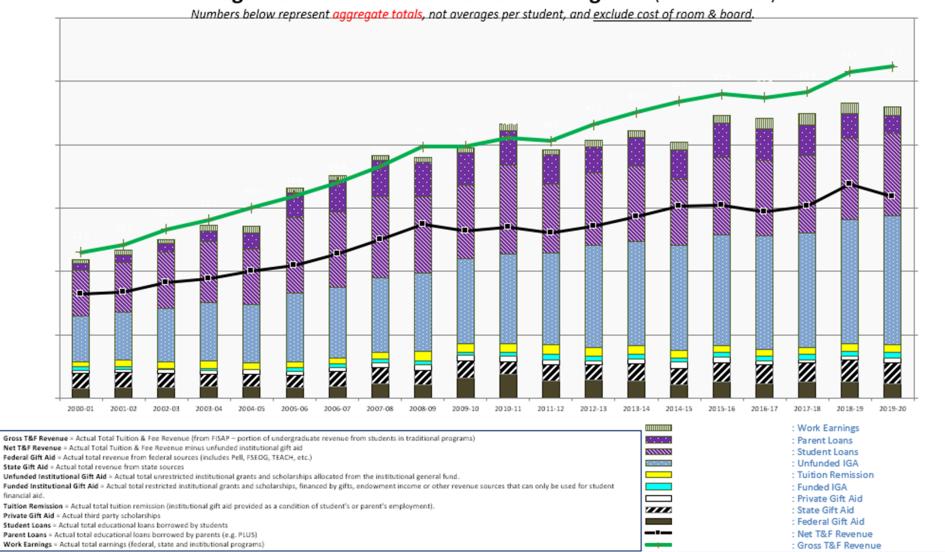
- Family ability to pay = or exceeds net cost
- Family ability to pay falls far short of net cost
- Recent trends Net Revenue upward
- Recent trends Net Revenue downward



Sources of Institutional Tuition & Fee Revenue Over Time - <u>CCCU Median</u> Undergraduate Students in Traditional Programs (In millions of dollars)

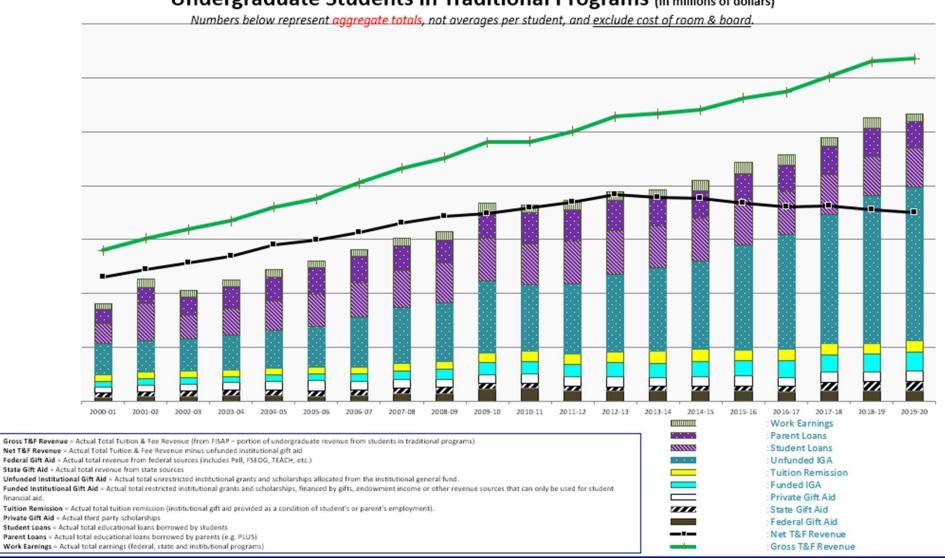


Sources of Institutional Tuition & Fee Revenue Over Time - <u>School 2</u> Undergraduate Students in Traditional Programs (In millions of dollars)



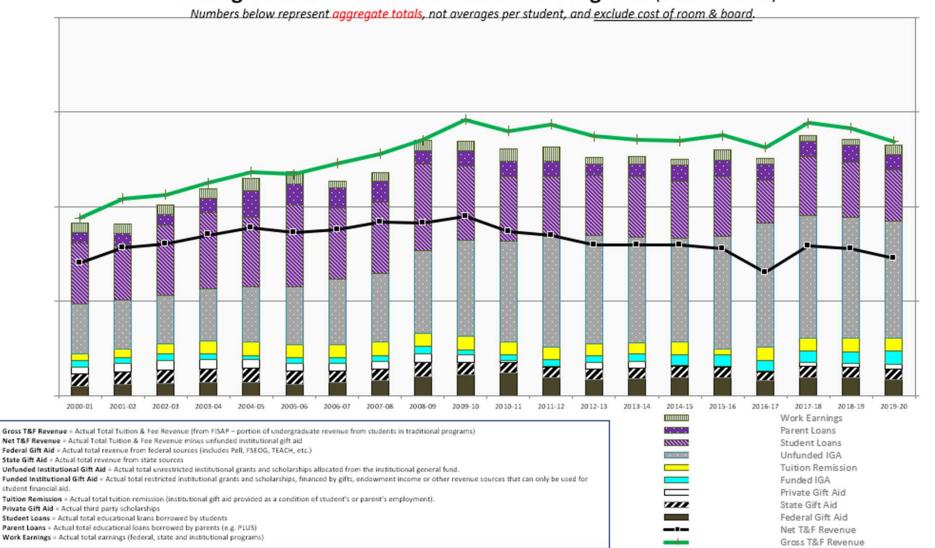


Sources of Institutional Tuition & Fee Revenue Over Time - School 5 Undergraduate Students in Traditional Programs (In millions of dollars)



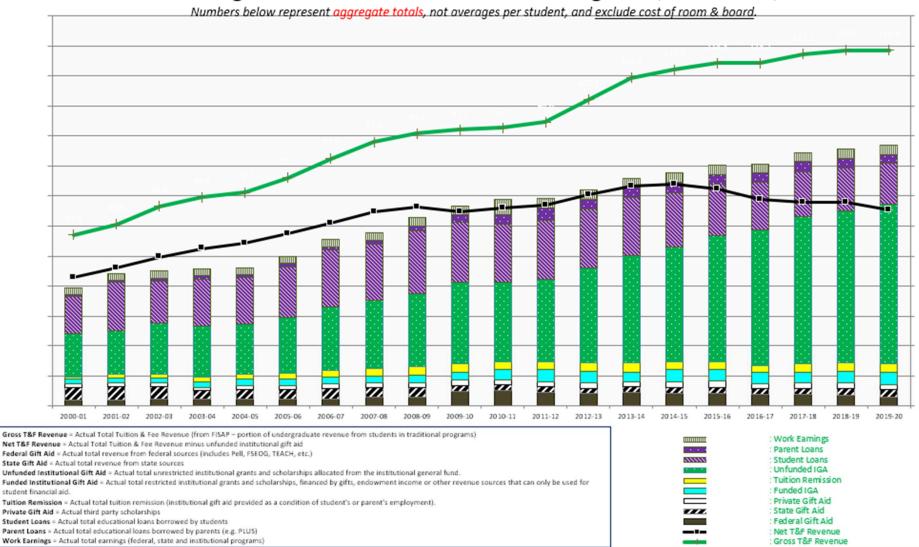
financial aid.

Sources of Institutional Tuition & Fee Revenue Over Time - School 7 Undergraduate Students in Traditional Programs (In millions of dollars)





Sources of Institutional Tuition & Fee Revenue Over Time - <u>School 8</u> Undergraduate Students in Traditional Programs (In millions of dollars)





Takeaways

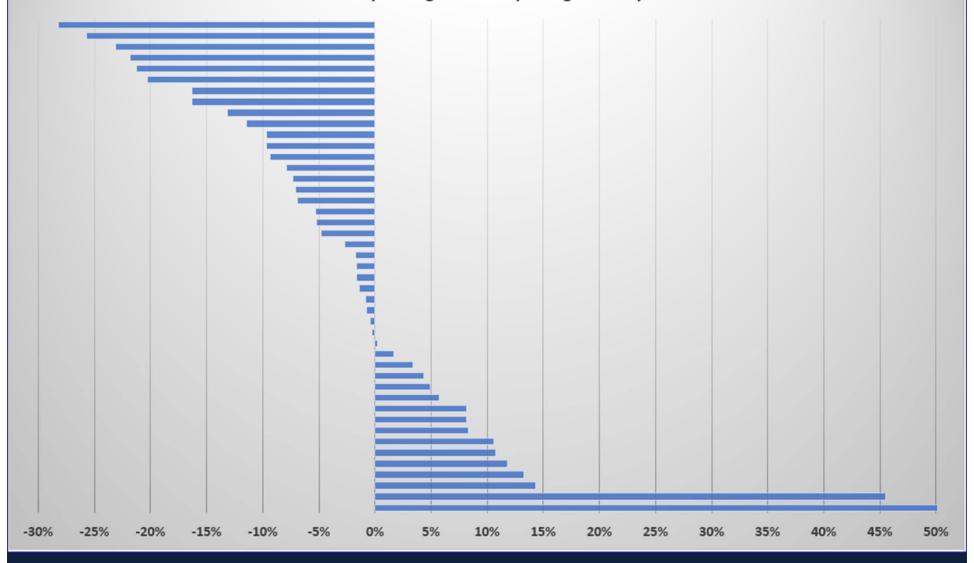
(Institutional Financial Health)

- 1. From FY03-FY20 Traditional undergrad enrollment flat or declining at most CCCU schools
- 2. Families ability to pay was flat from FY08-FY15 while median tuition increased by 30% over this time
- 3. From FY15 through FY20, more than half of CCCU traditional undergraduate programs experienced...
 - Increase in ability of enrolled students to pay for college (median increase 33%)
 - YOY decline in net tuition revenue
 - Enrollment declines (median decline 6%)
 - Decrease in Pell-eligible students (median decline 19%)
 - Increase in average Unfunded Institutional Gift Aid per enrolled student (median increase 24%, which is 3 points higher than median increase in Tuition & Fees)
- 4. Institutions' massive investment in unfunded institutional gift aid has not resulted in increased net tuition revenue at most CCCU schools



Percent change in Total Net Tuition Revenue from 2016-17 to 2019-20

For 46 responding schools reporting in both years





Change in Key Indicators of Institutional Financial Health at CCCU Institutions from FY17 to FY20:

Grouped by Increase/Decrease in Net Tuition Revenue (NTR) from Traditional Undergraduate Programs

Change in Average from FY17 to FY20	NTR Increased (A)	NTR Decreased (B)	Variance (A-B)
# Schools that submitted survey data in FY17 and FY20	17 School (37%)	29 Schools (63%)	
Total Net Tuition & Fee Revenue (T&F Revenue – Unfunded IGA)	+7.3%	-3.2%	10.5 points
Unfunded Discount Rate	-1.4 points	+5.2 points	6.4 points
Enrollment (FISAP definition)	+6.8%	-7.8%	14.6 points
Tuition & Fees (sticker price)	10.6%	9.2%	1.3 points
Net Price paid per Student (TRRB – total gift aid)	+12.0%	+3.0%	9.1 points
Families' ability to pay	+28.9%	+8.4%	20.6 points
% Students receiving Pell	-1.8%	-0.4%	-1.4 points



CCCU Schools with <u>More</u> Aggregate Net Tuition Revenue from Traditional Undergraduate Programs in 2019-20 than in 2016-17

Below is the average change in key indicators of financial health at the 17 CCCU schools that reported <u>more</u> Net Tuition Revenue (NTR) from traditional undergraduate programs in 2016-17 than in 2019-20.

- 22.0% Average increase in aggregate NTR (\$3.04M)
- 1.4 point average decrease in unfunded discount rate
- 6.8% average increase in traditional undergraduate enrollment (FISAP definition)
- 12.0% increase in average net price paid per student (\$2,409)
- 10.6% increase in tuition & fees (\$2,829)
- 28.9% increase in families' ability to pay (\$3,895)
- 1.8% decrease in average # of Pell Recipients
- Financial aid reported to Enrollment Management 31% (6 of 19 schools)
- Financial aid reported to Business Affairs 50% (5 of 10 schools)



CCCU Schools with **Less** Aggregate Net Tuition Revenue

from Traditional Undergraduate Programs in 2019-20 than in 2016-17

Below is the average change in key indicators of financial health at the 29 CCCU schools that reported <u>less</u> Net Tuition Revenue (NTR) from traditional undergraduate programs in 2016-17 than in 2019-20.

- 9.7% average decrease in aggregate NTR (\$2.87M)
- 5.2 point average increase in unfunded discount rate
- 7.8% average decrease in traditional undergraduate enrollment (FISAP definition, 208 students)
- 3.0% increase in average net price paid per student (\$457)
- 9.2% increase in tuition & fees (\$2,611)
- 8.4% increase in families' ability to pay (\$1,285)
- 0.4% decrease in average # of Pell Recipients
- Financial aid reported to Enrollment Management 68% (13 of 19 schools)
- Financial aid reported to Business Affairs 50% (5 of 10 schools)



Aggregate NTR Summary

- Schools whose aggregate net tuition revenue increased from FY17 to FY20 were more likely to...
 - constrain growth in unfunded discount rate, and
 - pass along a greater percent of tuition increases to students and families...
- than schools whose aggregate net tuition revenue declined over the same period.



Customized Presentation & Consultation Options

- Survey data available to participants no cost
 - Email <u>s-holm@bethel.edu</u> and request the Excel file
 - Excel file with all responses to 22nd Annual Survey
 - No longitudinal data
- Customized presentation available
 - PowerPoint includes longitudinal slides for your school and up to 4 additional peer institutions
 - Cost is \$99 if you email jeff-olson@bethel.edu by 6:00pm on Wednesday, January 29. Must include your peer institutions in the email. (Normal price is \$400. Reduced fee due to COVID.)
- Consultation also available for a fee (starting at \$300)
 - If interested in virtual or in-person consultation, email Dan or Jeff



Question & Answer

(via Zoom Chat feature)



Additional Questions?

- Contact Dan Nelson or Jeff Olson if you have specific questions
 - dc-nelson@bethel.edu
 - jeff-olson@bethel.edu
- Email the CCCU financial aid administrators e-list to foster a broader conversation
- Bethel Study Presentations available at www.bethel.edu/institutional-dataresearch/bethel-study



