Chairman's Message

The Utah System of Technical Colleges (UTech) exists to provide businesses with skilled employees able to quickly adapt to new and emerging technologies in a 21st century world. Through our occupational advisory committees, *every* program offered at a technical college is overseen by regional industry leaders ensuring that students who graduate have the skills needed by local employers *right now*. These industry partners' guidance is of inestimable value and directly contributes to the UTech system's high placement rates.

We also serve students desiring to hone their skills to enter or advance in the workplace. The impact of career and technical education (CTE) on these students' lives is vast: one recent study (https://udrc.utah.gov/utechroi/index.html) noted that UTech graduates experience an average wage increase of *between 20% and 30%* from one year prior to one year after graduating, depending on their program of study. This increase can make the difference in students moving into the middle class, buying a home, or in some cases eliminating the need for public assistance.

Technical education offered by UTech institutions directly fuels Utah's economy and contributes to individuals' economic well-being. It is our hope that as you read this report, you too will catch the vision of CTE and UTech's impact on the State of Utah and its citizens.

Steven R. Moore
Chair, Board of Trustees

Jared A. Haines
Interim Commissioner of Technical Education

FY 2019 Student Enrollment and Outcomes

In FY 2019 UTech taught more hours of instruction than ever before in its 18-year history, with eight technical colleges totaling 6,726,677 membership hours taught to 36,716 students. These figures represent growth of 5.28% and 6.52%, respectively over FY 2018. While secondary membership hours reached its highest total ever at 2.17 million, growth in FY 2019 was driven primarily by adult students; adult hours and headcount grew in 2019 by 6.71 and 6.94%, respectively.

Not only did the technical colleges provide more instruction, but they produced 7,121 graduates in FY 2019 (up 17.18% over 2018), providing Utah businesses with new employees, each equipped with the skills to succeed in their respective industries. Our most popular programs continue to be those in the health care sector, with Certified Nursing Assistant, Emergency Care Attendant (EMT Ambulance), and Pharmacy Technician appearing in the top programs for both secondary and adult students. Overall, programs leading to employment in health industries accounted for 51% of all awards conferred in FY 2019. Next highest were programs dedicated to personal and culinary services, mechanic and repair technologies, precision production, and the construction trades.

10-year History of Membership Hours & Student Headcounts

Legend: Membership Hours (solid line), Student Headcount (dashed line)
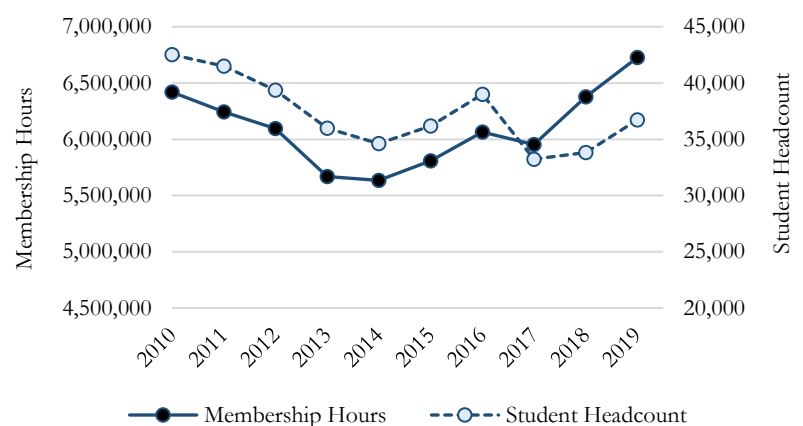
Most Awarded Certificates of FY 2019

Adult Students

Program	Graduates
Nursing Assistant and Patient Care Assistant/Aide	708
Cosmetology/Cosmetologist, General	308
Medical/Clinical Assistant	290
Truck & Bus Driver/Commercial Vehicle Operator	272
Licensed Practical/Vocational Nurse Training	253
Phlebotomy Technician/Phlebotomist	231
Welding Technology/Welder	229
Pharmacy Technician/Assistant	191
Emergency Care Attendant (EMT Ambulance)	167
Electrician	154

Secondary Students

Program	Graduates
Nursing Assistant and Patient Care Assistant/Aide	875
Emergency Care Attendant (EMT Ambulance)	137
Pharmacy Technician/Assistant	99
Welding Technology/Welder	84
Automobile Mechanics Technology/Technician	64
Phlebotomy Technician/Phlebotomist	56
Dental Assisting/Assistant	44
Cosmetology/Cosmetologist, General	41
Carpentry/Carpenter	36
Food Prep/Professional Cooking/Kitchen Asst.	24

System and individual technical colleges' performance may be examined in the FY 2019 Student Enrollment and Outcomes (SEO) Reports found in Appendices A1 through A9 on pages 11 through 19.

SEO Reports highlight four primary rate calculations described below. Whereas universities report rates based on cohorts (e.g., freshmen entering in the fall) and temporal windows (e.g., four years to complete a bachelor's degree), these factors are not considered at technical colleges due to the open-entry/open-exit nature of our institutions and the varying lengths of programs offered. Rate calculations examine only certificate-seeking students who have left their programs through graduation or withdrawal; students still enrolled at the end of the year are excluded.

- *Graduation Rates* – Graduation rates divide the number of graduates by the number of students who have exited programs. Graduation rates herein differ from those reported to accreditors. COE policies instruct colleges to exclude students from graduation rates when they withdraw from one program and immediately enroll in another (excluded from only the first program's graduation rate), or when they are unable to earn a certificate due to illness, incarceration, death, military mobilization, or church missions. UTech includes these students to account for *all* students, regardless of their reasons for withdrawing.

60%
Composite Graduation Rate

- *Completion Rates* – Completion rates divide the number of completers by the number of students who have exited programs. Completers, under COE's definition, are either program graduates or students who obtain related employment consequent to their studies ("non-graduate completers"). As UTech exists to meet the needs of Utah's employers for technically skilled workers, students who are hired early are counted positively when reporting to COE. Unlike graduation rates above, completion rates exclude students from the denominator when they are unable to complete programs for reasons of internal transfer, sickness, incarceration, military mobilization, etc.

80%
Composite Completion Rate

- *Placement Rates* – Placement rates examine only completers (graduate or non-graduate) and divide the number of placed students by the sum of placed and unplaced students. Successful placement is employment in a field related to the program of study, enlistment in military service, or enrollment in another postsecondary educational program. As before, COE instructs colleges to exclude students from placement rate denominators when they are unavailable for placement for reasons of sickness, incarceration, church missions, etc. Also excluded are students who refuse employment offers or are awaiting state licensure before they can work.

88%
Composite Placement Rate

- *Licensure Rates* – Licensure rates are calculated for programs, the resultant occupations of which require state licensure (e.g., cosmetology, practical nursing, etc.). Rates are calculated by dividing the number of students who pass a required licensure exam by the number of students who took an exam.

99%
Composite Licensure Rate

Board of Trustees Strategic Goals & Metrics

In 2017 the UTech Board of Trustees established the following 10-year goals and associated metrics to assess system-wide performance. In the graphics that follow, previously established goals are shown using dotted lines while actual performance is denoted with solid lines.

Goal #1: Provide every student the opportunity to obtain quality career and technical education resulting in a postsecondary credential.

- *Metric 1A* – Increase the number of postsecondary students graduating with a Board-approved postsecondary certificate by 75% by 2028.

To achieve a 75% increase in postsecondary graduates by 2028, UTech annually needed to grow its count of graduates by 5.22% beginning in 2017. Through 2019, postsecondary graduates have increased by an average of 4.18% annually, leaving the system 116 graduates shy of its goal for 2019.

Of note is that counts of graduates are heavily dependent upon accreditation decisions. In late 2018 the Council on Occupational Education issued guidance to institutions regarding enrollment and outcome reporting for apprenticeship programs that may cause UTech institutions to no longer count apprenticeship completers as graduates in the future. That guidance is under continued review by COE. Absent a revision thereto, this potential exclusion may impact UTech's ability to meet its goal to increase postsecondary graduates by 75% by 2028.

UTech Postsecondary Graduates, FY 2014-19 with Desired FY 2020-28 Growth
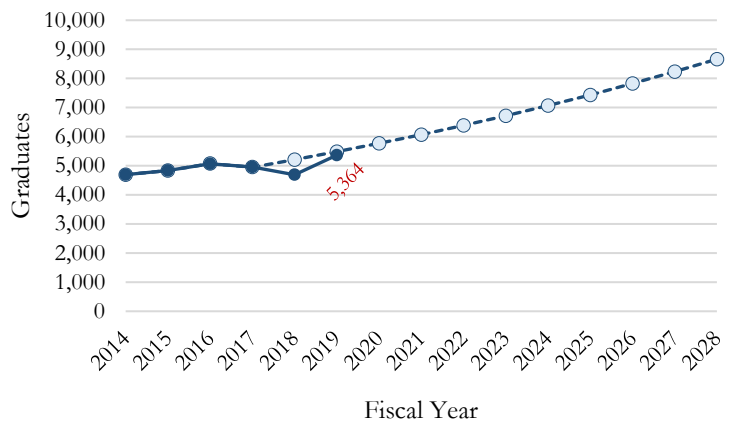
- *Metric 1B* – Increase the proportion of enrolled secondary students graduating with a postsecondary certificate prior to high school completion to 33% by 2028.

- *Metric 1C* – Increase the proportion of enrolled secondary students graduating with a postsecondary certificate prior to or within one year following high school completion to 50% by 2028.

UTech Secondary Graduation Rates, FY 2014-19 with Desired FY 2020-28 Growth

Legend:
- - -○- - - Earned Cert. prior to HS Graduation
- - -○- - - Earned Cert. within 1 Year of HS Graduation
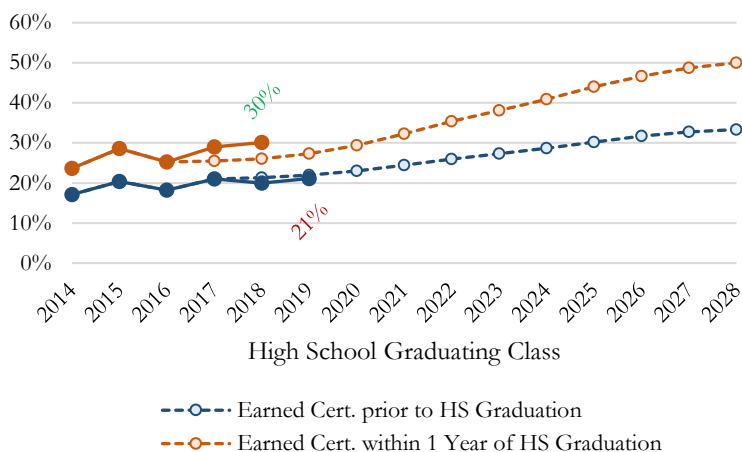
Among technical college students belonging to the high school graduating class of 2019, 21% earned a postsecondary certificate before finishing high school. This number was 20% in 2018, with another 10% of the class of 2018 completing their programs in one year subsequent to high school graduation. The UTech system appears to be on-track in achieving the Board's goals that one-third of all secondary enrollees earn a certificate prior to high school completion and half graduate from a technical college within one year post-high school.

In 2018 the Utah State Legislature created the UTech scholarship specifically for secondary students enrolled in high-wage/high-demand programs who finish high school and then must start paying tuition. This measure was refined in the 2019 legislative general session to empower the Board of Trustees, in

consultation with DWS, to determine which specific programs the enrollees of which are eligible to receive this award. Legislative support provided through the UTech scholarship will remove barriers to certificate completion, especially for our underserved student populations. Such efforts are expected to significantly and positively impact UTech's progress towards these goals.

- *Metric 1D* – Increase the percentage of underserved students graduating with a technical college certificate to 75% by 2028.

Underserved students are those of ethnic/racial minority status, students receiving Pell Grants or BIA/DWS sponsorship, students with a disability, or those identified as single parents, displaced homemakers, economically disadvantaged, or of limited English proficiency. As a system, UTech has improved in its underserved graduation rate by almost 10% over the last five years. Technical colleges have made great strides in removing barriers to students' completion. With legislative support through the Access Utah Promise Scholarship program (which awards scholarships to students who have not completed an associates or higher postsecondary degree and who demonstrate financial need), UTech is on-track to continue increasing underserved student graduation rates.

UTech Underserved Student Graduation Rates, FY 2014-19 with Desired FY 2020-28 Growth
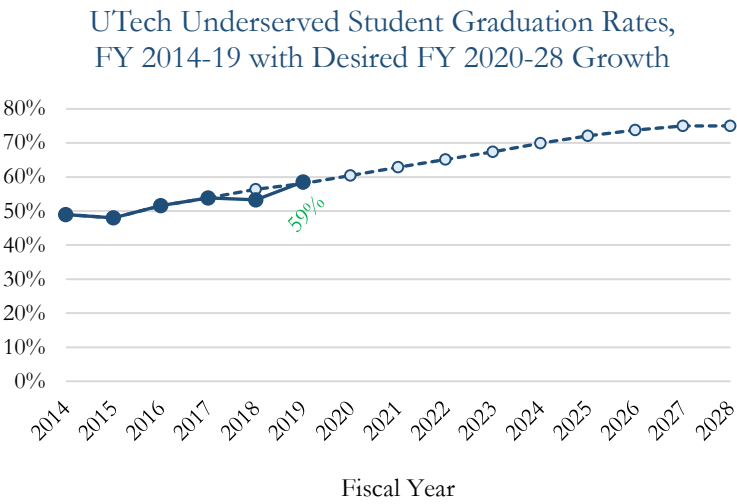
Goal #2: Meet critical economic and employer needs.

- *Metric 2A* – Continue to achieve placement rates for completers of certificate programs that meet or exceed accreditation standards by 10-20% annually. (Placement is defined as related employment, military service, or continuing education.)

UTech Placement Rates, FY 2014-19
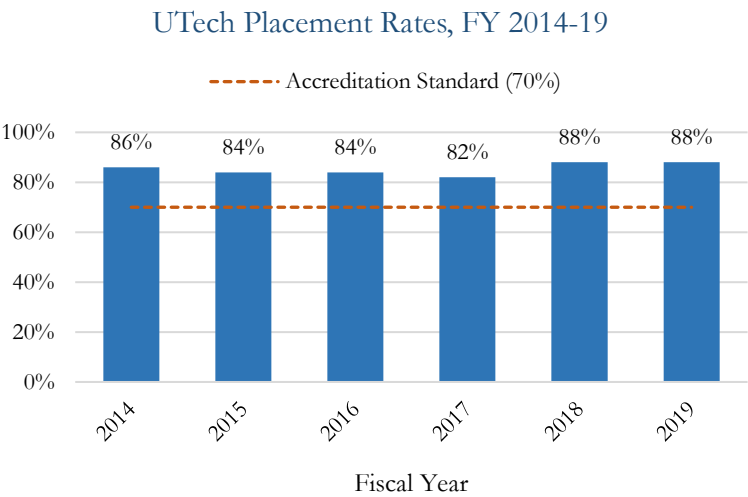
One measure of the extent to which technical colleges meet Utah employers' needs for technically skilled workers is their placement rate. The colleges, to maintain accreditation by COE, must maintain a 70% placement rate *for each program offered*. If a program fails to meet this standard, the college must submit a plan for improvement detailing concrete steps to bring placement rates up to the minimum standard. If rates continue to fall below this threshold, the colleges must discontinue underperforming programs or risk losing accreditation. Placement, as defined by COE, includes students who receive employment in a field related to instruction, serve in the military, or continue their education in another program or at another college/university.

The UTech Board of Trustees has set a goal that technical colleges continue to maintain placement rates 10-20% above COE's minimum standard. In FY 2019 the colleges placed 88% of certificate-seekers in related employment, military service, or continued education, fully 18% above accreditation standards. These numbers are a testament to the close relationships between technical colleges and industry in ensuring that skills taught to students are relevant and desired by local employers.

- *Metric 2B* – Increase the number of incumbent workers receiving short-term job upgrade or continuing occupational education training in proportion to overall program enrollment by 25% by 2028.

Recent revisions to UTech policy clarified that certain types of courses previously taught at the technical colleges will no longer factor into membership hour or student headcount total, resulting in a 21% drop in students enrolled in short-term occupational training in 2017. The Board of Trustees wants to increase the number of job upgrade or continuing occupational education enrollees by 25% by 2028 while maintaining a similar ratio of short-term trainees to certificate-seeking and secondary students. Annual growth of 2.05% is necessary to achieve this goal. In the two years since the goal was established, annual growth has averaged 3.08%. The UTech system is on-track to achieve this goal.

Short-term Occupational Enrollees, FY 2014-19 with Desired FY 2020-28 Growth

11,708
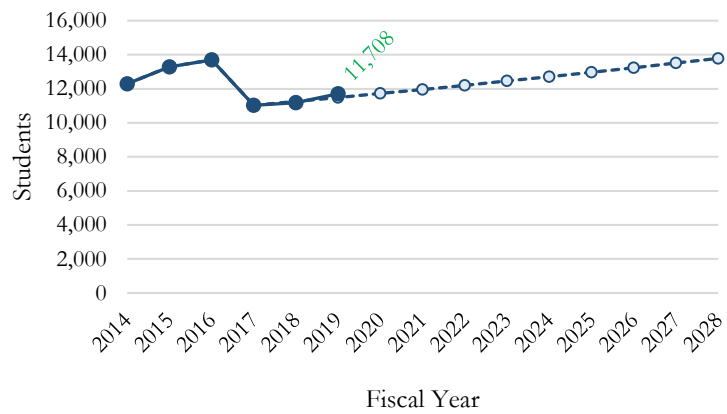
- *Metric 2C* – Increase the amount of customized workforce training provided to Utah employers through the Custom Fit program by 25% by 2028.

Custom Fit Instructional Hours, FY 2014-19 with Desired FY 2020-28 Growth

316,858
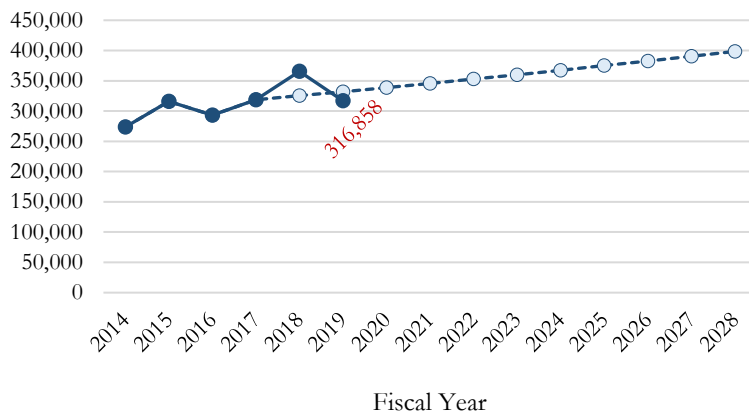
The Custom Fit program provides state-subsidized training to incumbent workers at Utah businesses. Companies partner with technical colleges and our USHE partners to design and/or arrange training opportunities to help Utah companies to grow, increase productivity, or gain a competitive edge. The Board of Trustees established a goal to increase instructional activity sponsored by Custom Fit by 25% in a decade.

In 2019 instructional hours sponsored by Custom Fit decreased by 13.31% from 2018, though funds spent on direct training costs fell by only 0.70%, indicating that training opportunities sponsored by Custom Fit this year were more expensive than last. The Custom Fit cost per instructional hour rose 14.55% from 2018 to 2019.

Goal #3: Improve internal efficiencies.

- *Metric 3A* – Increase the percentage of certificate-seeking students who graduate with a technical college certificate to 80% for shorter programs (fewer than 600 hours), 70% for medium-length programs (600 hours or more but fewer than 900 hours), and 60% for longer programs (900 hours or more) by 2028.

Graduation rates are stratified by program length and are typically lower for longer programs than for the shortest programs. For programs of fewer than 600 hours, graduation rates are consistently above 80%

UTech Graduation Rates, FY 2017-19 with Desired FY 2020-28 Growth

< 600 Hours   600-899 Hours   > 900 Hours

83%

53%

49%
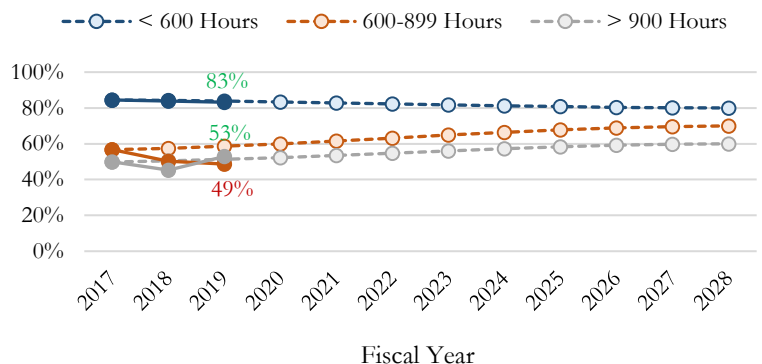
as they may be completed quickly (in 2019 UTech saw 1,583 graduates from certified nursing assistant programs completed in only 4-6 weeks). Technical colleges are committed to maintaining the current high rates for these programs. For programs of more than 900 hours, graduation rates increased to 53% in 2019, back on-track to achieving the system goal after an initial decline in 2018. Conversely, graduation rates for mid-length programs continued to fall to just 49% in FY 2019.

- *Metric 3B* – Increase the percentage of certificate-seeking students in identified high-wage/high-demand programs who graduate with a technical college certificate to 80% for shorter programs (fewer than 600 hours), 70% for medium-length programs (600 hours or more but fewer than 900 hours), and 60% for longer programs (900 hours or more) by 2028.

High-Demand Graduation Rates, FY 2017-19 with Desired FY 2020-28 Growth
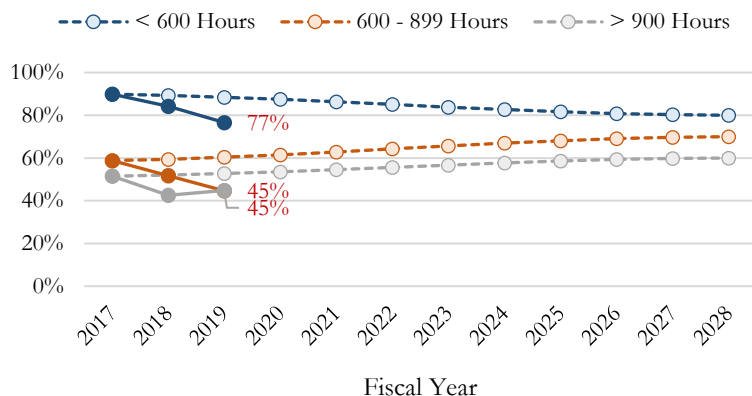
The Board of Trustees has set the goal that graduation rates for high-demand/high-impact programs mirror the desired rates of other programs at the colleges (i.e., an 80% for programs of fewer than 600 hours, 70% for programs of 600-899 hours, and 60% for programs of 900 hours or more).

Graduation rates for high-demand programs have slipped over the past two years to 77% for the shortest, 45% for mid-length, and 45% for the longest programs. One reason for the decline in 2019 is the addition of more programs to UTech's list of high-wage/high-demand training opportunities. Previously this metric analyzed graduation rates from 17 programs associated with DWS' *statewide* 4- and 5-star jobs. In 2019, in response the changes made to the UTech scholarship allowing the Board of Trustees to identify high-wage/high-demand jobs, the Board elected to consider programs as high-demand when associated with *region-specific* 4- and 5-star jobs, increasing the total number of programs considered to 49.

- *Metric 3C* – Achieve 90% of the ideal annual number of awards per certificate-seeking full-time-equivalent (FTE) student based on employer-demanded program lengths.

Because a large proportion of UTech students are enrolled in uncredentialed, short-term training, UTech calculates *certificate-seeking* graduates per FTE by dividing membership hours accrued by certificate-seekers by 900 to derive a full-time equivalent headcount. The number of certificate-seeking graduates is then divided by the resulting quotient.

Due to the variable lengths of programs offered, awards per FTE is a difficult metric to use within a technical college system. A "target" graduates per FTE is calculated by dividing 900 hours by the average length of certificates awarded in the fiscal year. In theory, if every student completed a program in 100% of expected time, graduates per FTE would equal this ideal. In 2017 the UTech Board set a goal that the system-wide graduates per FTE should be within 10% of this target calculation. One challenge is that these calculations are performed retroactive to the fiscal year, after all awards are considered; colleges are unable to benchmark or track progress mid-year. Additionally, if graduation rates rise, the graduates per FTE also increases as the college becomes more efficient. The Board has concluded that due to the inability to benchmark progress, and because of the correlation between graduation rates and awards per FTE, this metric is extraneous. We will continue to report it, however, so long as it is a statutorily required metric in the UTech performance-based funding model.

UTech Graduates per Certificate-seeking FTE, FY 2015-19
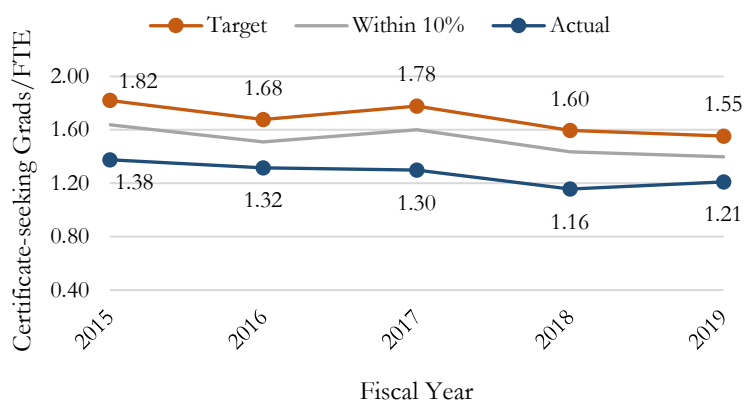
Performance-based Funding

In 2019 the Utah System of Technical Colleges was appropriated $1.65 million for performance-based funding, $684,441 of which is obligated to technical colleges for performance improvements observed in FY 2018. An additional $7,963 has been newly obligated to Southwest Technical College due to a correction in scoring the college's FY 2018 performance which resulted in a larger funding award than was reported last year. The remaining $957,596 are divided among the colleges, with moneys apportioned based 50% upon the size of each college's state appropriation and 50% on the colleges' share of system-wide membership hours. These funds are made available to the colleges, provided they meet predetermined performance standards examined below.

Technical College Maximum Performance-based Funding Allocations

| College | Total Appropriated Budget | | | Membership Hours | | | Total Funding Available |
	FY 2019 Actual	Share of Total	Funding Available	FY 2019 Actual	Share of Total	Funding Available	
Bridgerland	$15,432,800	16.85%	$80,665	1,216,859	18.09%	$86,615	**$167,279**
Davis	$18,231,000	19.90%	$95,290	1,498,918	22.28%	$106,691	**$201,982**
Dixie	$8,047,300	8.78%	$42,062	403,590	6.00%	$28,727	**$70,789**
Mountainland	$13,388,200	14.62%	$69,978	1,351,914	20.10%	$96,228	**$166,206**
Ogden-Weber	$17,318,900	18.91%	$90,523	1,259,715	18.73%	$89,665	**$180,188**
Southwest	$6,031,500	6.58%	$31,526	291,392	4.33%	$20,741	**$52,267**
Tooele	$4,532,900	4.95%	$23,693	232,405	3.45%	$16,542	**$40,235**
Uintah Basin	$8,621,300	9.41%	$45,062	471,885	7.02%	$33,588	**$78,650**
Total *	**$91,603,900**	**100.00%**	**$478,798**	**6,726,677**	**100.00%**	**$478,798**	**$957,596**

* Totals may not equal the sum of their parts due to rounding error.

The UTech performance-based funding model scores technical colleges in five categories tied to UTech's mission, with funding apportioned based on relative weights assigned to each category:

- *Certificate Programs (30%)* – A college's score is driven primarily by its number of graduates, counted once *for each distinct program completed*. For example, if a student completes two certificate programs (e.g., CNA and EMT) in the same year, the student is counted twice. More points are awarded for graduates of longer programs than shorter ones. Colleges also receive bonus points for each graduate of a program leading to a high-wage/high-demand industry as identified by the Utah Department of Workforce Services (DWS).

- *Short-term Occupational Training (10%)* – Points are awarded for already-employed students who complete short-term workforce training that does *not* lead to a certificate. More points are awarded for students who complete longer training sessions (> 60 hours) than shorter ones.

- *Secondary Completion (15%)* – Points are awarded for secondary students who graduate from a postsecondary certificate program while still in high school. College scores also increase as their proportions of retained secondary students who earn certificates within one year after completing high school increase.

- *Placement (25%)* – Points are awarded for each certificate-seeking student placed in related employment, military service, or continuing education in another postsecondary program. The college's composite placement rate is also factored into the category score, as are additional points for placements from programs leading to high-wage/high-demand industries. Lastly, points are awarded for placements from under-served student populations (ethnic/racial minority groups, students receiving Pell Grants or BIA/DWS sponsorship, students with a disability, single parents, displaced homemakers, public assistance recipients, or students of limited English proficiency).

- *Efficiency (20%)* – Efficiency is operationalized using certificate-seeking student graduation rates stratified by program length. Each rate is multiplied by a factor that increases as the program length increases, resulting in more points accrued for high graduation rates in longer programs. Certificate-seeking graduates per FTE is also factored into the category score.

Based on scoring presented in Appendices B1 through B8 on pages 20 through 27, technical colleges have qualified for the following awards based on performance improvements observed in FY 2019.

Technical College Performance-based Funding Awards

College	Category	Weight	Funding Available	FY 2015-18 Avg. Score	FY 2019 Score	Growth	Funding Awarded
Bridgerland	Certificate Programs	30%	$50,184	2,357	3,374	43.15%	$50,184
	Short-term Occupational Training	10%	$16,728	194	169	-12.56%	$0
	Secondary Completion	15%	$25,092	12	56	349.35%	$25,092
	Placement	25%	$41,820	1,085	1,519	39.95%	$41,820
	Efficiency	20%	$33,456	212	204	-3.77%	$0
	Total		$167,279				**$117,096**
Davis	Certificate Programs	30%	$60,595	3,847	4,559	18.51%	$60,595
	Short-term Occupational Training	10%	$20,198	86	77	-11.27%	$0
	Secondary Completion	15%	$30,297	164	180	9.54%	$30,297
	Placement	25%	$50,495	1,569	2,056	31.07%	$50,495
	Efficiency	20%	$40,396	173	180	4.08%	$33,002
	Total		$201,982				**$174,389**
Dixie	Certificate Programs	30%	$21,237	761	1,387	82.26%	$21,237
	Short-term Occupational Training	10%	$7,079	525	537	2.24%	$3,175
	Secondary Completion	15%	$10,618	48	90	86.02%	$10,618
	Placement	25%	$17,697	387	652	68.54%	$17,697
	Efficiency	20%	$14,158	197	183	-7.28%	$0
	Total		$70,789				**$52,727**
Mountainland	Certificate Programs	30%	$49,862	4,421	6,097	37.90%	$49,862
	Short-term Occupational Training	10%	$16,621	82	1	-98.42%	$0
	Secondary Completion	15%	$24,931	409	433	5.84%	$24,931
	Placement	25%	$41,551	1,236	2,304	86.34%	$41,551
	Efficiency	20%	$33,241	278	242	-12.92%	$0
	Total		$166,206				**$116,344**
Ogden-Weber	Certificate Programs	30%	$54,056	3,095	3,578	15.61%	$54,056
	Short-term Occupational Training	10%	$18,019	100	95	-4.82%	$0
	Secondary Completion	15%	$27,028	98	109	10.52%	$27,028
	Placement	25%	$45,047	1,550	2,439	57.35%	$45,047
	Efficiency	20%	$36,038	163	142	-12.54%	$0
	Total		$180,188				**$126,131**
Southwest	Certificate Programs	30%	$15,680	651	1,330	104.22%	$15,680
	Short-term Occupational Training	10%	$5,227	45	84	86.42%	$5,227
	Secondary Completion	15%	$7,840	52	49	-5.99%	$0
	Placement	25%	$13,067	403	772	91.72%	$13,067
	Efficiency	20%	$10,453	229	269	17.40%	$10,453
	Total		$52,267				**$44,427**
Tooele	Certificate Programs	30%	$12,071	541	745	37.84%	$12,071
	Short-term Occupational Training	10%	$4,024	7	9	28.11%	$4,024
	Secondary Completion	15%	$6,035	57	72	26.50%	$6,035
	Placement	25%	$10,059	430	592	37.62%	$10,059
	Efficiency	20%	$8,047	218	160	-26.82%	$0
	Total		$40,235				**$32,189**
Uintah Basin	Certificate Programs	30%	$23,595	1,132	1,467	29.62%	$23,595
	Short-term Occupational Training	10%	$7,865	211	167	-20.93%	$0
	Secondary Completion	15%	$11,798	111	149	34.77%	$11,798
	Placement	25%	$19,663	632	641	1.44%	$5,663
	Efficiency	20%	$15,730	257	309	20.40%	$15,730
	Total		$78,650				**$56,786**
UTech System Totals	Certificate Programs	30%	$287,279				**$287,279**
	Short-term Occupational Training	10%	$95,760				**$12,425**
	Secondary Completion	15%	$143,639				**$135,799**
	Placement	25%	$239,399				**$225,400**
	Efficiency	20%	$191,519				**$59,185**
	Total		$957,596				**$720,089**

Tuition

Utah statute requires that UTech institutions provide low-cost training to adults and tuition-free training to secondary students. Technical colleges further strive to minimize secondary students' fees and textbook costs. Postsecondary tuition is assessed based on a student's scheduled hours of instruction. Tuition rates for FY 2018 and FY 2019 are displayed below and are assessed per membership hour.

Technical College Tuition per Membership Hour, FY 2018 – FY 2019

College	FY 2018 Tuition	FY 2019 Tuition	Growth	
Bridgerland Technical College	$1.90	$1.95	$0.05	2.6%
Davis Technical College	$2.10	$2.10	--	--
Dixie Technical College	$2.25	$2.25	--	--
Mountainland Technical College	$2.00	$2.00	--	--
Ogden-Weber Technical College	$1.95	$2.00	$0.05	2.6%
Southwest Technical College	$1.95	$1.95	--	--
Tooele Technical College	$2.00	$2.00	--	--
Uintah Basin Technical College	$2.00	$2.00	--	--

Tuition for some technical college programs differs from the rate schedule provided above. Per UTech policy, differential tuition rates must be approved annually by the Board of Trustees. In FY 2019, tuition was kept lower for the Farming and Ranch Management programs at Bridgerland and Uintah Basin Technical Colleges to remove students' barriers to receiving postsecondary education. In addition, differential tuition rates were approved at Bridgerland, Davis, Ogden-Weber, and Tooele Technical Colleges for students participating in their respective college's academic learning center.

Technical college fees differ from program to program and college to college and are charged in addition to tuition. Fees typically help cover the cost of consumables and/or college services.

Custom Fit

Custom Fit is a flexible, customized training program designed to meet the training needs of Utah businesses. Each year, more than 1,500 local businesses contract with one of Utah's eight technical colleges, Utah State University Eastern, or Snow College to receive state-subsidized training for their employees. For almost 40 years, Custom Fit has provided a means for small and large businesses to grow, increase productivity, or maintain a competitive edge.

Custom Fit 10-year History of Training Hours & State Appropriations

In FY 2019 the Custom Fit program served 1,716 distinct companies throughout the state, 6.33% fewer than in 2018. The colleges also taught 13.31% fewer hours than last year (316,858 in total), though individual trainees increased by 11.75% (19,626 in total) to the highest level since UTech (UCAT) was established in 2001. Of note is that the colleges spent only 0.70% less on direct training costs in 2019 than in 2018, indicating that the cost of individual company training sessions increased significantly over the past year (cost per instructional hour increased by 14.55%). Where the Custom Fit program exists to provide customized training opportunities for Utah businesses based on their individual needs, costs of training, the number of companies served, or the amount of instruction that resources can provide may differ widely year to year based on what companies need at the time. In 2019, 47% of training sessions were offered to companies seeking increased productivity, 37% to companies seeking growth, and 16% to businesses seeking to gain or maintain a competitive edge.

Per UTech policy, at least 50% of every training opportunity provided or arranged by the Custom Fit program must be paid by the companies contracting with Custom Fit (with rare exceptions approved by college presidents). In 2019 the average company contribution to training received was 61.52%. These funds paid by companies may then be utilized to provide training to *even more businesses*, stretching legislative investment in the Custom Fit program further. Custom Fit providers have seen a dramatic increase in efficiency over the past two years, as funds spent directly on training (whether from appropriations or company contributions) have grown to exceed state investment in the Custom Fit program by over $1 million annually.

Custom Fit Appropriations, Company Contributions, & Training Costs, FY 2010-19
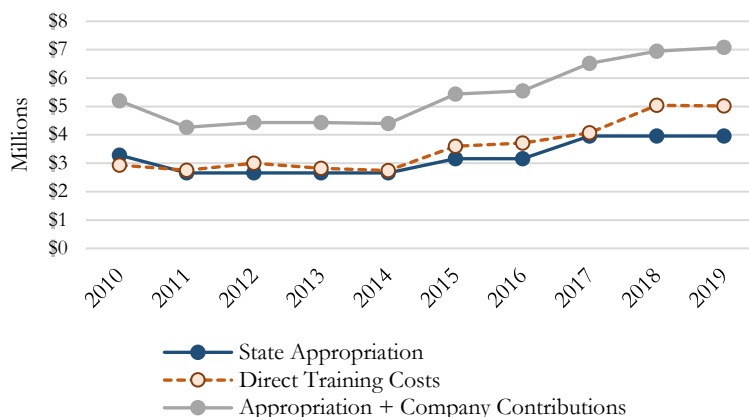
Student Employment & Wage Outcomes

FY 2014 Graduating Cohort Wages

- ■ 1 Year Pre-graduation Wages   ■ 1 Year Post-graduation Wages
- ■ 5 Years Post-graduation Wages
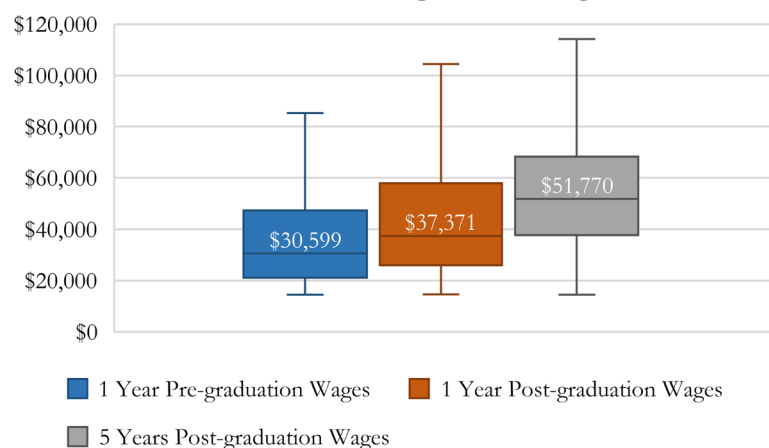
UTech recently underwent an analysis of its graduates' earning power one year prior to graduating, one year after graduating, and five years after graduating from a technical college. Examining just the graduating cohort of FY 2014 (the most recent cohort for which 5-year wage data are available), systemwide the median wage increased by 22.16% from one year prior to one year after graduating. To individual students this increase in salary may mean the difference in entering the middle class, purchasing a home, or coming off public assistance. Wages continued to increase in the intervening years until year 5, though attributing these later increases to students' certificate attainment becomes less tenable as increases in age and experience also factor into earnings.

This analysis coincides with the recent release of a report (https://udrc.utah.gov/utechroi/index.html) by the Utah Data Research Center (UDRC) in which it analyzed the return on state investment (i.e., appropriations) in the Utah System of Technical Colleges. That report, released in October 2019, concluded that for students graduating between 2011 and 2016, even after adjusting for normal state wage growth, the average UTech graduates' salaries increased by 31.98% for students completing our longest programs (more than 900 hours in length) and 20.52% for students completing our shortest (fewer than 900 hours). The UDRC also highlighted UTech graduates' impressive workforce retention rates, as 97.3% of these graduates were retained in the Utah workforce one year after graduating, and 86.8% were retained five years after.

The UDRC report estimated state income tax receipts for these students based on new wages earned and, considering job retention, calculated a payback period in which the state could expect to recoup its annual investment in the technical colleges system. Based solely on graduates who were working in unemployment insurance-paying jobs in the years prior to and after graduating (approximately 18% of UTech's student population), and based solely on expected income tax receipts from increased wages (i.e., not considering sales, property, gas, or other taxes), UDRC estimates that the state breaks even on its investment after 10-11 years. Considering that the average graduate of the UTech system is only 26 years old with a 40-year working life ahead of him or her, state investment may be recovered multiple times over before graduates leave the labor force. Further, UTech leaders are confident that upon considering students who leave without graduating but with a job offer in-hand, students who were unemployed prior to graduating but who obtained work afterwards, students enrolled in non-credentialed education, and other tax revenue streams, state investment in UTech is recouped in far less time than was estimated by UDRC.

Appendix A1: Utah System of Technical Colleges, System-wide Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	(Program Length)			Incarcerated Students	Total
	0-599 Hours	600-899 hours	900+ hours		
Membership Hours	448,971	794,091	2,624,760	109,845	3,977,668
Headcount				369	13,673
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	3,089	3,611	7,146	414	14,260
Still Enrolled	511	1,556	3,127	93	5,287
Graduates	2,145	1,000	2,126	82	5,353
Non-graduates	433	1,055	1,893	239	3,620
Graduation Rate	83%	49%	53%	26%	60%
Non-graduate Completers *("Early Hires")* ‡	86	655	643	0	1,384
Allowable Subtractions	78	55	255	131	519
Withdrew and Enrolled in Another Program	*14*	*19*	*80*	*1*	*114*
Unavailable to Earn a Credential	*64*	*36*	*175*	*130*	*405*
Completion Rate *(utilizing COE standards)*	89%	83%	74%	43%	80%
Placed Students *(includes Non-graduate Completers)*	1,688	1,434	2,427	38	5,587
Related Employment	*1,148*	*1,281*	*2,073*	*2*	*4,504*
Military Service	*3*	*1*	*5*	*0*	*9*
Continuing Education	*537*	*152*	*349*	*36*	*1,074*
Allowable Subtractions	177	60	135	20	392
Awaiting Licensure	*135*	*32*	*29*	*0*	*196*
Unavailable for Employment	*18*	*21*	*68*	*20*	*127*
Refused Employment	*24*	*7*	*38*	*0*	*69*
Unplaced Students	366	161	207	24	758
Placement Rate *(utilizing COE standards)*	82%	90%	92%	61%	88%
Graduates who Passed a Req'd Licensure Exam	833	213	568	0	1,614
Graduates who Took a Req'd Licensure Exam	853	214	571	0	1,638
Licensure Rate *(utilizing COE standards)*	98%	100%	99%	--	99%
Weighted Average Certificate Length *(hours)*					579

Short-term Occupational Training §

Job Upgrade	
Membership Hours	51,111
Headcount	428
Additional Program Graduates	11
Continuing Occupational Education	
Membership Hours	336,811
Headcount	11,263
Average Length of Training *(hours)*	33

Students Enrolled in Other Training

Membership Hours	189,201
Headcount	3,053
Basic Skills Students	*1,431*
Personal Interest Students	*1,545*
Job Re-entry Students	*48*
Senior Citizens	*29*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

Secondary Students

	(Hours Accrued)			Total
	0-599 hours	600-899 hours	900+ hours	
Membership Hours	1,545,619	391,086	235,182	2,171,886
Headcount	9,124	565	201	9,890
Secondary Graduates *(program length)*	1,369	257	131	1,757
% Secondary Students Earning Certificate				18%

Postsecondary Membership Hours	**4,554,791**	**Secondary Membership Hours**	**2,171,886**
Distinct Postsecondary Headcount	**26,826**	**Distinct Secondary Headcount**	**9,890**

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

Appendix A2: Bridgerland Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	(Program Length)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	47,370	111,975	523,330	682,675
Headcount				1,955
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	389	398	1,233	2,020
Still Enrolled	49	219	536	804
Graduates	283	124	401	808
Non-graduates	57	55	296	408
Graduation Rate	83%	69%	58%	66%
Non-graduate Completers *("Early Hires")* ‡	1	11	87	99
Allowable Subtractions	4	3	33	40
Withdrew and Enrolled in Another Program	*2*	*0*	*13*	*15*
Unavailable to Earn a Credential	*2*	*3*	*20*	*25*
Completion Rate *(utilizing COE standards)*	85%	77%	73%	77%
Placed Students *(includes Non-graduate Completers)*	215	121	429	765
Related Employment	*144*	*91*	*363*	*598*
Military Service	*0*	*0*	*1*	*1*
Continuing Education	*71*	*30*	*65*	*166*
Allowable Subtractions	28	8	19	55
Awaiting Licensure	*24*	*4*	*0*	*28*
Unavailable for Employment	*2*	*3*	*11*	*16*
Refused Employment	*2*	*1*	*8*	*11*
Unplaced Students	41	6	40	87
Placement Rate *(utilizing COE standards)*	84%	95%	91%	90%
Graduates who Passed a Req'd Licensure Exam	170	31	78	279
Graduates who Took a Req'd Licensure Exam	189	31	80	300
Licensure Rate *(utilizing COE standards)*	90%	100%	98%	93%
Weighted Average Certificate Length *(hours)*				669

Secondary Students

	(Hours Accrued)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	356,817	31,864	18,679	407,360
Headcount	1,968	46	17	2,031
Secondary Graduates *(program length)* ‖	79	1	18	98
% Secondary Students Earning Certificate				5%

Postsecondary Membership Hours	**809,499**	**Secondary Membership Hours**	**407,360**
Distinct Postsecondary Headcount	**3,793**	**Distinct Secondary Headcount**	**2,031**

Short-term Occupational Training §

Job Upgrade	
Membership Hours	7,335
Headcount	63
Continuing Occupational Education	
Membership Hours	82,724
Headcount	1,711
Average Length of Training *(hours)*	51

Students Enrolled in Other Training

Membership Hours	36,765
Headcount	716
Basic Skills Students	*628*
Personal Interest Students	*85*
Job Re-entry Students	*0*
Senior Citizens	*3*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

‖ Secondary *headcounts* are stratified by the hours accrued within FY 2019. Secondary *graduates* are stratified by program length, irrespective of when a student's hours were accrued. Some students began programs and accrued hours in FY 2018 but completed their certificates in FY 2019. Hence, secondary graduates in a program length stratification may be greater than the headcount of students completing the specified number of hours during FY 2019.

Appendix A3: Davis Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	(Program Length)			Incarcerated Students	Total
	0-599 Hours	600-899 hours	900+ hours		
Membership Hours	115,666	142,449	649,155	105,165	1,012,434
Headcount				345	3,407
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	660	640	1,882	390	3,572
Still Enrolled	97	348	814	87	1,346
Graduates	469	152	498	65	1,184
Non-graduates	94	140	570	238	1,042
Graduation Rate	83%	52%	47%	21%	53%
Non-graduate Completers *("Early Hires")* ‡	3	61	162	0	226
Allowable Subtractions	33	2	44	131	210
Withdrew and Enrolled in Another Program	*0*	*0*	*17*	*1*	*18*
Unavailable to Earn a Credential	*33*	*2*	*27*	*130*	*192*
Completion Rate *(utilizing COE standards)*	89%	73%	64%	38%	70%
Placed Students *(includes Non-graduate Completers)*	307	156	578	38	1,079
Related Employment	*162*	*128*	*437*	*2*	*729*
Military Service	*1*	*0*	*3*	*0*	*4*
Continuing Education	*144*	*28*	*138*	*36*	*346*
Allowable Subtractions	32	9	25	3	69
Awaiting Licensure	*18*	*8*	*7*	*0*	*33*
Unavailable for Employment	*3*	*1*	*15*	*3*	*22*
Refused Employment	*11*	*0*	*3*	*0*	*14*
Unplaced Students	133	48	57	24	262
Placement Rate *(utilizing COE standards)*	70%	76%	91%	61%	80%
Graduates who Passed a Req'd Licensure Exam	148	84	158	0	390
Graduates who Took a Req'd Licensure Exam	148	84	158	0	390
Licensure Rate *(utilizing COE standards)*	100%	100%	100%	--	100%
Weighted Average Certificate Length *(hours)*					634

Short-term Occupational Training §

Job Upgrade	
Membership Hours	26,343
Headcount	175
Additional Program Graduates	3
Continuing Occupational Education	
Membership Hours	11,404
Headcount	771
Average Length of Training *(hours)*	40

Students Enrolled in Other Training

Membership Hours	39,002
Headcount	531
Basic Skills Students	*371*
Personal Interest Students	*151*
Job Re-entry Students	*4*
Senior Citizens	*5*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

Secondary Students

	(Hours Accrued)			Total
	0-599 hours	600-899 hours	900+ hours	
Membership Hours	236,731	116,458	56,546	409,735
Headcount	1,248	165	51	1,464
Secondary Graduates *(program length)*	217	40	24	281
% Secondary Students Earning Certificate				19%

Postsecondary Membership Hours	1,089,183	**Secondary Membership Hours**	409,735
Distinct Postsecondary Headcount	4,547	**Distinct Secondary Headcount**	1,464

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

Appendix A4: Dixie Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	(Program Length)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	16,166	73,479	187,347	276,992
Headcount				933
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	122	401	411	934
Still Enrolled	15	168	214	397
Graduates	98	70	130	298
Non-graduates	9	163	67	239
Graduation Rate	92%	30%	66%	55%
Non-graduate Completers *("Early Hires")* ‡	4	147	32	183
Allowable Subtractions	2	2	11	15
Withdrew and Enrolled in Another Program	*0*	*0*	*0*	*0*
Unavailable to Earn a Credential	*2*	*2*	*11*	*15*
Completion Rate *(utilizing COE standards)*	97%	94%	87%	92%
Placed Students *(includes Non-graduate Completers)*	88	208	152	448
Related Employment	*76*	*202*	*147*	*425*
Military Service	*0*	*1*	*0*	*1*
Continuing Education	*12*	*5*	*5*	*22*
Allowable Subtractions	1	4	2	7
Awaiting Licensure	*0*	*4*	*0*	*4*
Unavailable for Employment	*1*	*0*	*1*	*2*
Refused Employment	*0*	*0*	*2*	*1*
Unplaced Students	13	5	8	26
Placement Rate *(utilizing COE standards)*	87%	98%	95%	95%
Graduates who Passed a Req'd Licensure Exam	0	24	0	24
Graduates who Took a Req'd Licensure Exam	0	24	0	24
Licensure Rate *(utilizing COE standards)*	--	100%	--	100%
Weighted Average Certificate Length *(hours)*				623

Secondary Students

	(Hours Accrued)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	40,576	12,241	10,921	63,738
Headcount	268	17	11	296
Secondary Graduates *(program length)* ‖	48	6	14	68
% Secondary Students Earning Certificate				23%

Postsecondary Membership Hours	**339,852**	**Secondary Membership Hours**	**63,738**
Distinct Postsecondary Headcount	**6,146**	**Distinct Secondary Headcount**	**296**

Short-term Occupational Training §

Job Upgrade	
Membership Hours	1,394
Headcount	10
Additional Program Graduates	4
Continuing Occupational Education	
Membership Hours	60,759
Headcount	5,257
Average Length of Training *(hours)*	12

Students Enrolled in Other Training

Membership Hours	708
Headcount	13
Basic Skills Students	*0*
Personal Interest Students	*10*
Job Re-entry Students	*2*
Senior Citizens	*1*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

‖ Secondary *headcounts* are stratified by the hours accrued within FY 2019. Secondary *graduates* are stratified by program length, irrespective of when a student's hours were accrued. Some students began programs and accrued hours in FY 2018 but completed their certificates in FY 2019. Hence, secondary graduates in a program length stratification may be greater than the headcount of students completing the specified number of hours during FY 2019.

Appendix A5: Mountainland Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students				
	(Program Length)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	98,005	238,275	446,807	783,087
Headcount				2,981
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	747	1,221	1,127	3,095
Still Enrolled	158	617	574	1,349
Graduates	526	356	430	1,312
Non-graduates	63	248	123	434
Graduation Rate	89%	59%	78%	75%
Non-graduate Completers *("Early Hires")* ‡	14	141	24	179
Allowable Subtractions	10	14	23	47
Withdrew and Enrolled in Another Program	*0*	*0*	*1*	*1*
Unavailable to Earn a Credential	*10*	*14*	*22*	*46*
Completion Rate *(utilizing COE standards)*	93%	84%	86%	88%
Placed Students *(includes Non-graduate Completers)*	391	429	367	1,187
Related Employment	*250*	*391*	*323*	*964*
Military Service	*0*	*0*	*1*	*1*
Continuing Education	*141*	*38*	*43*	*222*
Allowable Subtractions	47	25	42	114
Awaiting Licensure	*41*	*8*	*13*	*62*
Unavailable for Employment	*6*	*15*	*28*	*49*
Refused Employment	*0*	*2*	*1*	*3*
Unplaced Students	102	43	45	190
Placement Rate *(utilizing COE standards)*	79%	91%	89%	86%
Graduates who Passed a Req'd Licensure Exam	219	40	166	425
Graduates who Took a Req'd Licensure Exam	220	41	167	428
Licensure Rate *(utilizing COE standards)*	100%	98%	99%	99%
Weighted Average Certificate Length *(hours)*				480

Short-term Occupational Training §	
Job Upgrade	
Membership Hours	180
Headcount	2
Continuing Occupational Education	
Membership Hours	343
Headcount	14
Average Length of Training *(hours)*	33

Students Enrolled in Other Training	
Membership Hours	20,759
Headcount	654
Basic Skills Students	*84*
Personal Interest Students	*569*
Job Re-entry Students	*0*
Senior Citizens	*1*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

Secondary Students				
	(Hours Accrued)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	307,619	136,856	103,071	547,546
Headcount	1,308	206	77	1,591
Secondary Graduates *(program length)*	707	136	23	866
% Secondary Students Earning Certificate				54%

Postsecondary Membership Hours	**804,368**	**Secondary Membership Hours**	**547,546**
Distinct Postsecondary Headcount	**3,442**	**Distinct Secondary Headcount**	**1,591**

Certificate-seeking Students

	(Program Length)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	64,865	121,338	554,026	740,229
Headcount				2,851
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	471	662	1,832	2,965
Still Enrolled	96	131	763	990
Graduates	269	134	409	812
Non-graduates	106	397	660	1,163
Graduation Rate	72%	25%	38%	41%
Non-graduate Completers *("Early Hires")* ‡	30	274	253	557
Allowable Subtractions	8	21	114	143
Withdrew and Enrolled in Another Program	*3*	*10*	*42*	*55*
Unavailable to Earn a Credential	*5*	*11*	*72*	*88*
Completion Rate *(utilizing COE standards)*	81%	80%	69%	75%
Placed Students *(includes Non-graduate Completers)*	225	352	586	1,163
Related Employment	*164*	*335*	*523*	*1,022*
Military Service	*0*	*0*	*0*	*0*
Continuing Education	*61*	*17*	*63*	*141*
Allowable Subtractions	49	10	38	97
Awaiting Licensure	*43*	*7*	*9*	*59*
Unavailable for Employment	*1*	*0*	*11*	*12*
Refused Employment	*5*	*3*	*18*	*26*
Unplaced Students	25	46	38	109
Placement Rate *(utilizing COE standards)*	90%	88%	94%	91%
Graduates who Passed a Req'd Licensure Exam	57	30	102	189
Graduates who Took a Req'd Licensure Exam	57	30	102	189
Licensure Rate *(utilizing COE standards)*	100%	100%	100%	100%
Weighted Average Certificate Length *(hours)*				684

Secondary Students

	(Hours Accrued)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	265,549	66,716	33,569	365,834
Headcount	1,702	93	33	1,828
Secondary Graduates *(program length)*	97	13	30	140
% Secondary Students Earning Certificate				8%

Postsecondary Membership Hours	**893,881**	**Secondary Membership Hours**	**365,834**
Distinct Postsecondary Headcount	**4,187**	**Distinct Secondary Headcount**	**1,828**

Short-term Occupational Training §

Job Upgrade	
Membership Hours	5,519
Headcount	92
Continuing Occupational Education	
Membership Hours	113,350
Headcount	1,017
Average Length of Training *(hours)*	107

Students Enrolled in Other Training

Membership Hours	34,783
Headcount	321
Basic Skills Students	*169*
Personal Interest Students	*102*
Job Re-entry Students	*41*
Senior Citizens	*9*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

Appendix A7: Southwest Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	(Program Length)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	29,475	79,673	82,707	191,855
Headcount				569
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	207	182	218	607
Still Enrolled	7	42	69	118
Graduates	182	108	108	398
Non-graduates	18	32	41	91
Graduation Rate	91%	77%	72%	81%
Non-graduate Completers *("Early Hires")* ‡	0	12	17	29
Allowable Subtractions	2	8	6	16
Withdrew and Enrolled in Another Program	*0*	*6*	*0*	*6*
Unavailable to Earn a Credential	*2*	*2*	*6*	*10*
Completion Rate *(utilizing COE standards)*	92%	91%	87%	90%
Placed Students *(includes Non-graduate Completers)*	142	112	115	369
Related Employment	*87*	*98*	*102*	*287*
Military Service	*2*	*0*	*0*	*2*
Continuing Education	*53*	*14*	*13*	*80*
Allowable Subtractions	10	1	0	11
Awaiting Licensure	*7*	*0*	*0*	*7*
Unavailable for Employment	*2*	*0*	*0*	*2*
Refused Employment	*1*	*1*	*0*	*2*
Unplaced Students	30	7	10	47
Placement Rate *(utilizing COE standards)*	83%	94%	92%	89%
Graduates who Passed a Req'd Licensure Exam	129	0	6	135
Graduates who Took a Req'd Licensure Exam	129	0	6	135
Licensure Rate *(utilizing COE standards)*	100%	--	100%	100%
Weighted Average Certificate Length *(hours)*				469

Secondary Students

	(Hours Accrued)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	74,859	3,491	945	79,295
Headcount	827	5	1	833
Secondary Graduates *(program length)*	51	1	1	53
% Secondary Students Earning Certificate				6%

Postsecondary Membership Hours	**212,096**	**Secondary Membership Hours**	**79,295**
Distinct Postsecondary Headcount	**1,515**	**Distinct Secondary Headcount**	**833**

Short-term Occupational Training §

Job Upgrade	
Membership Hours	90
Headcount	1
Continuing Occupational Education	
Membership Hours	18,317
Headcount	765
Average Length of Training *(hours)*	24

Students Enrolled in Other Training

Membership Hours	1,835
Headcount	253
Basic Skills Students	*0*
Personal Interest Students	*252*
Job Re-entry Students	*0*
Senior Citizens	*1*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

Appendix A8: Tooele Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	(Program Length)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	32,640	3,615	124,895	161,150
Headcount				510
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	211	31	329	571
Still Enrolled	56	8	127	191
Graduates	90	11	86	187
Non-graduates	65	12	116	193
Graduation Rate	58%	48%	43%	49%
Non-graduate Completers *("Early Hires")* ‡	24	3	56	83
Allowable Subtractions	18	5	23	46
Withdrew and Enrolled in Another Program	*8*	*3*	*7*	*18*
Unavailable to Earn a Credential	*10*	*2*	*16*	*28*
Completion Rate *(utilizing COE standards)*	83%	78%	79%	81%
Placed Students *(includes Non-graduate Completers)*	105	14	132	251
Related Employment	*77*	*5*	*121*	*203*
Military Service	*0*	*0*	*0*	*0*
Continuing Education	*28*	*9*	*11*	*48*
Allowable Subtractions	9	0	8	17
Awaiting Licensure	*2*	*0*	*0*	*2*
Unavailable for Employment	*2*	*0*	*1*	*3*
Refused Employment	*5*	*0*	*7*	*12*
Unplaced Students	0	0	2	2
Placement Rate *(utilizing COE standards)*	100%	100%	99%	99%
Graduates who Passed a Req'd Licensure Exam	47	0	38	85
Graduates who Took a Req'd Licensure Exam	47	0	38	85
Licensure Rate *(utilizing COE standards)*	100%	--	100%	100%
Weighted Average Certificate Length *(hours)*				627

Secondary Students

	(Hours Accrued)			
	0-599 hours	600-899 hours	900+ hours	Total
Membership Hours	29,830	2,088	3,336	35,254
Headcount	199	3	3	205
Secondary Graduates *(program length)* ‖	26	0	5	31
% Secondary Students Earning Certificate				15%

Postsecondary Membership Hours	197,151	Secondary Membership Hours	35,254
Distinct Postsecondary Headcount	840	Distinct Secondary Headcount	205

Short-term Occupational Training §

Job Upgrade	
Membership Hours	4,577
Headcount	42
Additional Program Graduates	4
Continuing Occupational Education	
Membership Hours	5,224
Headcount	81
Average Length of Training *(hours)*	80

Students Enrolled in Other Training

Membership Hours	26,200
Headcount	289
Basic Skills Students	*127*
Personal Interest Students	*154*
Job Re-entry Students	*0*
Senior Citizens	*8*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

‖ Secondary *headcounts* are stratified by the hours accrued within FY 2019. Secondary *graduates* are stratified by program length, irrespective of when a student's hours were accrued. Some students began programs and accrued hours in FY 2018 but completed their certificates in FY 2019. Hence, secondary graduates in a program length stratification may be greater than the headcount of students completing the specified number of hours during FY 2019.

Appendix A9: Uintah Basin Technical College Student Enrollment and Outcomes Report, FY 2019

Certificate-seeking Students

	0-599 Hours	600-899 hours	900+ hours	Incarcerated Students	Total
	(Program Length)				
Membership Hours	44,785	23,287	56,494	4,680	129,246
Headcount				24	467
Sum of Individual Program Headcounts *(allowing enrollment in multiple programs)* †	282	76	114	24	496
Still Enrolled	33	23	30	6	92
Graduates	228	45	64	17	354
Non-graduates	21	8	20	1	50
Graduation Rate	92%	85%	76%	94%	88%
Non-graduate Completers *("Early Hires")* ‡	10	6	12	0	28
Allowable Subtractions	1	0	1	0	2
Withdrew and Enrolled in Another Program	*1*	*0*	*0*	*0*	*1*
Unavailable to Earn a Credential	*0*	*0*	*1*	*0*	*1*
Completion Rate *(utilizing COE standards)*	96%	96%	92%	94%	95%
Placed Students *(includes Non-graduate Completers)*	215	42	68	0	325
Related Employment	*188*	*31*	*57*	*0*	*276*
Military Service	*0*	*0*	*0*	*0*	*0*
Continuing Education	*27*	*11*	*11*	*0*	*49*
Allowable Subtractions	1	3	1	17	22
Awaiting Licensure	*0*	*1*	*0*	*0*	*1*
Unavailable for Employment	*1*	*2*	*1*	*17*	*21*
Refused Employment	*0*	*0*	*0*	*0*	*0*
Unplaced Students	22	6	7	0	35
Placement Rate *(utilizing COE standards)*	91%	88%	91%	--	90%
Graduates who Passed a Req'd Licensure Exam	63	4	20	0	87
Graduates who Took a Req'd Licensure Exam	63	4	20	0	87
Licensure Rate *(utilizing COE standards)*	100%	100%	100%	--	100%
Weighted Average Certificate Length *(hours)*					408

Secondary Students

	0-599 hours	600-899 hours	900+ hours	Total
	(Hours Accrued)			
Membership Hours	233,638	21,370	8,116	263,124
Headcount	1,604	30	8	1,642
Secondary Graduates *(program length)* ‖	144	60	16	220
% Secondary Students Earning Certificate				13%

Postsecondary Membership Hours	**208,761**	**Secondary Membership Hours**	**263,124**
Distinct Postsecondary Headcount	**2,356**	**Distinct Secondary Headcount**	**1,642**

Short-term Occupational Training §

Job Upgrade	
Membership Hours	5,673
Headcount	43
Continuing Occupational Education	
Membership Hours	44,691
Headcount	1,647
Average Length of Training *(hours)*	30

Students Enrolled in Other Training

Membership Hours	29,152
Headcount	276
Basic Skills Students	*52*
Personal Interest Students	*222*
Job Re-entry Students	*1*
Senior Citizens	*1*

* Some totals may not equal the sum of their parts due to rounding error.

† Certificate-seeking students are counted once *for each accredited program* in which they enroll. For example, a student completing one program and enrolling in a second in the same year (e.g., completing CNA then enrolling in EMT) is counted twice.

‡ Non-graduate completers, under direction from COE, are students who exit a program without obtaining a credential but who obtain employment in a field related to instruction consequent to the students' studies. This also includes students leaving a program unsuccessfully but articulating to another institution of higher education, allowing students' coursework to fulfill program requirements elsewhere.

§ Job Upgrade students are currently employed in a field related to instruction and enroll in only *part* of an accredited program with the intent to advance in the workplace. Continuing Occupational Education students are also employed but enroll in stand-alone courses with the intent to maintain employment (e.g., regular re-licensure).

‖ Secondary *headcounts* are stratified by the hours accrued within FY 2019. Secondary *graduates* are stratified by program length, irrespective of when a student's hours were accrued. Some students began programs and accrued hours in FY 2018 but completed their certificates in FY 2019. Hence, secondary graduates in a program length stratification may be greater than the headcount of students completing the specified number of hours during FY 2019.

Appendix B1: Bridgerland Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Bridgerland Technical College

	Weighting per Unit	Multiplie	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		412	412	474	474	464	464	277	277	362	362
600 – 899 Hours	3.00		104	312	36	108	88	264	96	288	125	375
≥ 900 Hours	5.00		265	1,325	277	1,385	295	1,475	370	1,850	419	2,095
Additional Points for Graduates from High Demand/High Impact Programs	1.00		165	165	163	163	198	198	268	268	542	542
Category Total				**2,214**		**2,130**		**2,401**		**2,683**		**3,374**
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		387	77	264	53	190	38	150	30	257	51
< 60 Hours	0.10		1,399	140	1,573	157	1,526	153	1,265	127	1,179	118
Category Total				**217**		**210**		**191**		**157**		**169**
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		-	-	-	-	4	1	45	11	79	20
600 – 899 Hours	0.50		-	-	-	-	-	-	-	-	1	1
≥ 900 Hours	1.00		1	1	-	-	4	4	9	9	18	18
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation	200		0%	-	0%	-	1%	1	2%	4	5%	9
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation	100		4%	4	4%	4	3%	3	5%	5	8%	8
Category Total				**5**		**4**		**10**		**30**		**56**
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		545	545	701	701	723	723	749	749	765	765
Related Employment			396		504		553		628		598	
Military Service			1		-		1		-		1	
Continuing Education			148		197		169		121		166	
Additional Points for Under-served/At-risk Student Placements	0.50		177	89	216	108	254	127	205	103	258	129
Additional Points for Placements from High Demand/High Impact Programs	1.00		152	152	209	209	223	223	271	271	535	535
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)	100		84%	84	86%	86	81%	81	90%	90	90%	90
Category Total				**870**		**1,104**		**1,154**		**1,213**		**1,519**
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours	50		98%	49	88%	44	93%	47	86%	43	83%	42
600 – 899 Hours	75		65%	49	59%	44	67%	50	55%	41	69%	52
≥ 900 Hours	100		70%	70	70%	70	50%	50	51%	51	58%	58
Certificate-seeking Graduates per FTE	50		1.35	68	1.25	62	1.22	61	1.00	50	1.07	53
Certificate-seeking Graduates			780		787		839		743		808	
Certificate-seeking Membership Hours			518,915		566,720		616,982		665,472		682,675	
Category Total				**235**		**221**		**208**		**185**		**204**

* Category totals may not equal the sum of their parts due to rounding error.

Appendix B2: Davis Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Davis Technical College

	Weighting per Unit	Multiplie	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		589	589	490	490	644	644	532	532	686	686
600 – 899 Hours	3.00		173	519	211	633	179	537	176	528	192	576
≥ 900 Hours	5.00		369	1,845	460	2,300	580	2,900	591	2,955	525	2,625
Additional Points for Graduates from High Demand/High Impact Programs	1.00		201	201	221	221	243	243	251	251	672	672
Category Total				3,154		3,644		4,324		4,266		4,559
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		140	28	192	38	107	21	141	28	17	3
< 60 Hours	0.10		417	42	551	55	637	64	688	69	732	73
Category Total				70		94		85		97		77
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		165	41	175	44	209	52	147	37	217	54
600 – 899 Hours	0.50		21	11	44	22	24	12	40	20	40	20
≥ 900 Hours	1.00		9	9	14	14	20	20	31	31	24	24
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation		200	22%	45	29%	58	24%	47	24%	47	22%	44
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	28%	28	38%	38	42%	42	38%	38	38%	38
Category Total				134		175		174		173		180
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		984	984	1,021	1,021	982	982	1,000	1,000	1,079	1,079
Related Employment			782		842		773		789		729	
Military Service			1		4		6		3		4	
Continuing Education			201		175		203		208		346	
Additional Points for Under-served/At-risk Student Placements	0.50		343	172	374	187	388	194	399	200	403	202
Additional Points for Placements from High Demand/High Impact Programs	1.00		283	283	302	302	282	282	325	325	695	695
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	88%	88	88%	88	82%	82	85%	85	80%	80
Category Total				1,527		1,598		1,540		1,610		2,056
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	82%	41	79%	40	78%	39	77%	38	83%	42
600 – 899 Hours		75	55%	41	58%	43	57%	43	64%	48	52%	39
≥ 900 Hours		100	42%	42	43%	43	43%	43	39%	39	47%	47
Certificate-seeking Graduates per FTE		50	0.92	46	0.87	43	1.09	54	0.95	47	1.05	53
Certificate-seeking Graduates			936		928		1,150		1,081		1,184	
Certificate-seeking Membership Hours			915,287		960,423		953,826		1,027,271		1,012,434	
Category Total				170		170		179		173		180

* Category totals may not equal the sum of their parts due to rounding error.

Appendix B3: Dixie Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Dixie Technical College

	Weighting per Unit	Multiplie	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		99	99	107	107	140	140	138	138	150	150
600 – 899 Hours	3.00		33	99	39	117	50	150	58	174	76	228
≥ 900 Hours	5.00		60	300	108	540	102	510	110	550	144	720
Additional Points for Graduates from High Demand/High Impact Programs	1.00		3	3	34	34	28	28	55	55	289	289
Category Total				**501**		**798**		**828**		**917**		**1,387**
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		184	37	203	41	40	8	18	4	125	25
< 60 Hours	0.10		5,908	591	6,424	642	3,608	361	4,175	418	5,119	512
Category Total				**628**		**683**		**369**		**421**		**537**
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		51	13	44	11	62	16	48	12	48	12
600 – 899 Hours	0.50		5	3	3	2	4	2	6	3	6	3
≥ 900 Hours	1.00		3	3	4	4	11	11	7	7	14	14
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation		200	9%	18	9%	18	8%	16	6%	12	25%	51
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	7%	7	13%	13	12%	12	11%	11	10%	10
Category Total				**43**		**47**		**57**		**45**		**90**
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		144	144	161	161	243	243	291	291	448	448
Related Employment			134		140		221		261		425	
Military Service			-		-		-		1		1	
Continuing Education			10		21		22		29		22	
Additional Points for Under-served/At-risk Student Placements	0.50		68	34	56	28	93	47	140	70	182	91
Additional Points for Placements from High Demand/High Impact Programs	1.00		18	18	31	31	42	42	68	68	411	411
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	96%	96	92%	92	94%	94	88%	88	95%	95
Category Total				**292**		**312**		**426**		**517**		**1,045**
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	95%	47	100%	50	91%	45	84%	42	92%	46
600 – 899 Hours		75	73%	54	85%	64	44%	33	34%	26	30%	23
≥ 900 Hours		100	56%	56	73%	73	56%	56	61%	61	66%	66
Certificate-seeking Graduates per FTE		50	0.62	31	0.96	48	1.02	51	1.01	51	0.97	48
Certificate-seeking Graduates			133		203		215		245		298	
Certificate-seeking Membership Hours			191,529		190,508		189,808		217,931		276,992	
Category Total				**189**		**235**		**185**		**179**		**183**

* Category totals may not equal the sum of their parts due to rounding error.

Appendix B4: Mountainland Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Mountainland Technical College

	Weighting per Unit	Multiplie	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		1,359	1,359	1,225	1,225	961	961	876	876	1,233	1,233
600 – 899 Hours	3.00		127	381	188	564	261	783	331	993	492	1,476
≥ 900 Hours	5.00		266	1,330	321	1,605	703	3,515	505	2,525	453	2,265
Additional Points for Graduates from High Demand/High Impact Programs	1.00		403	403	401	401	464	464	300	300	1,123	1,123
Category Total				**3,473**		**3,795**		**5,723**		**4,694**		**6,097**
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		286	57	406	81	441	88	482	96	-	-
< 60 Hours	0.10		43	4	10	1	3	-	4	-	13	1
Category Total				**62**		**82**		**89**		**97**		**1**
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		580	145	504	126	572	143	481	120	707	177
600 – 899 Hours	0.50		31	16	87	44	83	42	91	46	136	68
≥ 900 Hours	1.00		12	12	20	20	113	113	74	74	23	23
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation		200	61%	121	56%	111	58%	116	52%	104	48%	96
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	69%	69	73%	73	70%	70	72%	72	69%	69
Category Total				**363**		**374**		**484**		**416**		**433**
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		758	758	747	747	999	999	826	826	1,187	1,187
Related Employment			591		621		845		695		964	
Military Service			-		-		1		1		1	
Continuing Education			167		126		153		130		222	
Additional Points for Under-served/At-risk Student Placements	0.50		175	88	191	96	290	145	236	118	353	177
Additional Points for Placements from High Demand/High Impact Programs	1.00		131	131	143	143	361	361	189	189	854	854
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	87%	87	90%	90	88%	88	80%	80	86%	86
Category Total				**1,064**		**1,076**		**1,593**		**1,213**		**2,304**
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	90%	45	92%	46	91%	46	92%	46	89%	45
600 – 899 Hours		75	90%	68	89%	67	75%	56	75%	56	59%	44
≥ 900 Hours		100	83%	83	85%	85	78%	78	73%	73	78%	78
Certificate-seeking Graduates per FTE		50	1.91	95	1.84	92	1.83	91	1.69	85	1.51	75
Certificate-seeking Graduates			1,129		1,123		1,157		1,066		1,312	
Certificate-seeking Membership Hours			533,091		549,676		569,099		566,848		783,087	
Category Total				**291**		**289**		**271**		**260**		**242**

* Category totals may not equal the sum of their parts due to rounding error.

Ogden-Weber Technical College

	Weighting per Unit	Multiplie	2015 Attainment	2015 Score	2016 Attainment	2016 Score	2017 Attainment	2017 Score	2018 Attainment	2018 Score	2019 Attainment	2019 Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		685	685	827	827	369	369	364	364	366	366
600 – 899 Hours	3.00		139	417	122	366	133	399	101	303	147	441
≥ 900 Hours	5.00		416	2,080	399	1,995	389	1,945	389	1,945	439	2,195
Additional Points for Graduates from High Demand/High Impact Programs	1.00		159	159	230	230	140	140	156	156	576	576
Category Total				3,341		3,418		2,853		2,768		3,578
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		79	16	90	18	622	124	565	113	270	54
< 60 Hours	0.10		154	15	161	16	511	51	463	46	412	41
Category Total				31		34		176		159		95
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		84	21	138	35	104	26	119	30	97	24
600 – 899 Hours	0.50		12	6	10	5	9	5	6	3	13	7
≥ 900 Hours	1.00		16	16	10	10	20	20	22	22	30	30
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation		200	12%	25	14%	29	13%	26	14%	27	12%	23
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	22%	22	21%	21	24%	24	20%	20	25%	25
Category Total				90		99		100		103		109
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		995	995	1,111	1,111	855	855	1,105	1,105	1,164	1,164
Related Employment			848		949		729		981		1,023	
Military Service			3		3		9		6		-	
Continuing Education			144		159		117		118		141	
Additional Points for Under-served/At-risk Student Placements	0.50		398	199	475	238	378	189	484	242	515	258
Additional Points for Placements from High Demand/High Impact Programs	1.00		170	170	206	206	211	211	311	311	926	926
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	91%	91	93%	93	82%	82	93%	93	91%	91
Category Total				1,455		1,648		1,347		1,751		2,439
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	92%	46	83%	42	83%	42	77%	39	72%	36
600 – 899 Hours		75	40%	30	29%	22	41%	31	22%	17	25%	19
≥ 900 Hours		100	47%	47	38%	38	38%	38	31%	31	38%	38
Certificate-seeking Graduates per FTE		50	1.33	66	1.38	69	1.01	51	0.86	43	0.99	49
Certificate-seeking Graduates			1,128		1,190		758		707		812	
Certificate-seeking Membership Hours			764,225		778,644		673,846		738,108		740,229	
Category Total				190		171		161		129		142

* Category totals may not equal the sum of their parts due to rounding error.

Appendix B6: Southwest Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Southwest Technical College

	Weighting per Unit	Multiplie	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		142	142	253	253	223	223	222	222	233	233
600 – 899 Hours	3.00		44	132	58	174	48	144	87	261	109	327
≥ 900 Hours	5.00		25	125	30	150	48	240	62	310	109	545
Additional Points for Graduates from High Demand/High Impact Programs	1.00		48	48	31	31	59	59	91	91	225	225
Category Total				**447**		**608**		**666**		**884**		**1,330**
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		21	4	38	8	70	14	69	14	86	17
< 60 Hours	0.10		85	9	304	30	619	62	407	41	672	67
Category Total				**13**		**38**		**76**		**55**		**84**
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		34	9	118	30	59	15	58	15	51	13
600 – 899 Hours	0.50		-	-	-	-	-	-	-	-	1	1
≥ 900 Hours	1.00		-	-	1	1	1	1	-	-	1	1
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation †		200	5%	10	15%	29	14%	29	12%	24	10%	21
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	7%	7	9%	9	16%	16	17%	17	14%	14
Category Total				**25**		**69**		**60**		**56**		**49**
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		162	162	191	191	219	219	260	260	369	369
Related Employment			139		151		175		206		287	
Military Service			-		-		1		-		2	
Continuing Education			23		40		43		54		80	
Additional Points for Under-served/At-risk Student Placements	0.50		84	42	103	52	110	55	142	71	226	113
Additional Points for Placements from High Demand/High Impact Programs	1.00		47	47	32	32	54	54	77	77	201	201
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	83%	83	93%	93	87%	87	86%	86	89%	89
Category Total				**334**		**368**		**415**		**494**		**772**
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	88%	44	90%	45	94%	47	91%	46	91%	46
600 – 899 Hours		75	76%	57	83%	62	63%	47	70%	53	77%	58
≥ 900 Hours		100	37%	37	49%	49	47%	47	58%	58	72%	72
Certificate-seeking Graduates per FTE		50	1.33	66	1.89	95	1.62	81	1.66	83	1.87	93
Certificate-seeking Graduates			177		222		259		313		398	
Certificate-seeking Membership Hours			120,101		105,525		143,500		169,365		191,855	
Category Total				**204**		**250**		**222**		**240**		**269**

* Category totals may not equal the sum of their parts due to rounding error.

† In scoring summaries approved in December 2018, Southwest Technical College was shown to have awarded certificates to *10%* of its students who are members of the high school graduating class of 2018 before they completed high school. STech actually awarded certificates to *12%* of these students before they completed high school. This correction is reflected herein under the column "FY 2018 Attainment".

Appendix B7: Tooele Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Tooele Technical College

	Weighting per Unit	Multiplier	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		140	140	162	162	147	147	108	108	120	120
600 – 899 Hours	3.00		17	51	13	39	18	54	19	57	11	33
≥ 900 Hours	5.00		49	245	53	265	56	280	69	345	91	455
Additional Points for Graduates from High Demand/High Impact Programs	1.00		58	58	66	66	63	63	82	82	137	137
Category Total				494		532		544		592		745
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		9	2	30	6	25	5	16	3	35	7
< 60 Hours	0.10		12	1	22	2	33	3	54	5	20	2
Category Total				3		8		8		9		9
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		11	3	17	4	14	4	12	3	26	7
600 – 899 Hours	0.50		-	-	1	1	-	-	-	-	-	-
≥ 900 Hours	1.00		1	1	1	1	-	-	2	2	5	5
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation		200	12%	24	16%	31	9%	19	12%	24	15%	29
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	26%	26	35%	35	26%	26	24%	24	31%	31
Category Total				54		72		48		53		72
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		195	195	201	201	228	228	220	220	251	251
Related Employment			91		85		138		143		203	
Military Service			-		-		-		1		-	
Continuing Education			104		116		90		76		48	
Additional Points for Under-served/At-risk Student Placements	0.50		103	52	108	54	115	58	105	53	104	52
Additional Points for Placements from High Demand/High Impact Programs	1.00		50	50	57	57	75	75	95	95	190	190
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	92%	92	97%	97	97%	97	99%	99	99%	99
Category Total				389		409		458		466		592
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	94%	47	81%	41	60%	30	63%	31	58%	29
600 – 899 Hours		75	100%	75	55%	41	62%	47	58%	43	48%	36
≥ 900 Hours		100	63%	63	66%	66	40%	40	44%	44	43%	43
Certificate-seeking Graduates per FTE		50	1.58	79	1.71	85	1.57	78	1.25	63	1.04	52
Certificate-seeking Graduates			194		209		207		182		187	
Certificate-seeking Membership Hours			110,803		110,254		118,875		130,635		161,150	
Category Total				263		233		195		182		160

* Category totals may not equal the sum of their parts due to rounding error.

Appendix B8: Uintah Basin Technical College Performance-based Funding Metrics and FY 2015-19 Attainment

Uintah Basin Technical College

	Weighting per Unit	Multiplie	2015 Attainment	Score	2016 Attainment	Score	2017 Attainment	Score	2018 Attainment	Score	2019 Attainment	Score
Certificate Programs (30%)												
COE-approved Program Graduates (program lengths)												
≤ 599 Hours	1.00		689	689	422	422	399	399	425	425	389	389
600 – 899 Hours	3.00		51	153	86	258	46	138	33	99	105	315
≥ 900 Hours	5.00		41	205	63	315	77	385	84	420	80	400
Additional Points for Graduates from High Demand/High Impact Programs	1.00		197	197	152	152	136	136	134	134	363	363
Category Total				1,244		1,147		1,058		1,078		1,467
Short-term Occupational Training (10%)												
Job Upgrade and Continuing Occupational Education Course Completers (course lengths)												
≥ 60 Hours	0.20		90	18	57	11	45	9	31	6	33	7
< 60 Hours	0.10		2,703	270	1,943	194	1,595	160	1,771	177	1,606	161
Category Total				288		206		169		183		167
Secondary Completion (15%)												
Additional Points for Secondary Program Graduates (program lengths)												
≤ 599 Hours	0.25		115	29	131	33	122	31	153	38	144	36
600 – 899 Hours	0.50		19	10	26	13	32	16	28	14	60	30
≥ 900 Hours	1.00		-	-	11	11	3	3	7	7	16	16
% of Class of 2019 Enrollees who Earned Cert. before HS Graduation		200	19%	38	18%	35	20%	40	22%	44	21%	43
% of Class of 2018 Enrollees who Earned Cert. before/within 1 yr. of HS Graduation		100	19%	19	21%	21	20%	20	22%	22	25%	25
Category Total				96		114		110		126		149
Placement (25%)												
Total Certificate-seeking Student Placements	1.00		570	570	312	312	319	319	335	335	325	325
Related Employment			545		273		288		304		276	
Military Service			-		-		-		-		-	
Continuing Education			25		39		31		31		49	
Additional Points for Under-served/At-risk Student Placements	0.50		139	70	92	46	102	51	78	39	82	41
Additional Points for Placements from High Demand/High Impact Programs	1.00		124	124	97	97	104	104	94	94	185	185
Certificate-seeking Student Placement Rate (includes Graduates and Early Hires)		100	95%	95	87%	87	91%	91	95%	95	90%	90
Category Total				859		542		565		563		641
Efficiency (20%)												
Certificate-seeking Student Graduation Rates (program lengths)												
≤ 599 Hours		50	96%	48	89%	44	87%	44	95%	48	92%	46
600 – 899 Hours		75	47%	35	58%	43	56%	42	56%	42	85%	64
≥ 900 Hours		100	57%	57	55%	55	46%	46	68%	68	76%	76
Certificate-seeking Graduates per FTE		50	2.95	147	1.81	90	1.96	98	2.37	119	2.47	123
Certificate-seeking Graduates			647		403		365		354		354	
Certificate-seeking Membership Hours			197,634		200,531		167,246		134,206		129,246	
Category Total				287		233		230		276		309

* Category totals may not equal the sum of their parts due to rounding error.

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