

May 7, 2014

MEMORANDUM

TO: State Board of Regents

FROM: David L. Buhler

SUBJECT: USHE - Enrollment Forecasts

Issue

Attached are the Utah System of Higher Education enrollment projections to the academic year of 2023-2024. The projections estimate fall semester end-of-term headcount, and full-time equivalent (FTE) students, as well as annualized FTE (based on end-of-term enrollments) for each of the system institutions.

In order to recognize the distinct missions and goals, institutions have developed unique projection models to estimate future enrollments. These models are based on institutional and state data sets that include (but are not limited to) such variables as: Utah population by age, high school graduations, and unemployment estimates. The models use OLS regression and growth rate trend analysis to estimate future enrollments.

Projection models are evaluated annually in an open forum/peer review format comprised of Institutional Research professionals from each of the USHE institutions (April 24, 2014). In each case, the assumptions and methods used by each institution were accepted as valid for estimating future enrollments.

Current projections estimate that the USHE system will grow to approximately 223,000 students (160,000 FTE) by the fall 2023 semester, and an annualized enrollment of 175,000 full-time equivalent students for the 2023-24 academic year. This represents a projected system fall end-of-term headcount growth rate of 2.5% and annualized FTE growth rate of 2.6% over the next 10 years. This compares to an estimated needed 10 year growth rate of 2.5% in degrees awarded to meet the 2020 educational attainment goals. The estimated enrollment growth, in combination with ongoing efforts to improve graduation rates at USHE institutions, will be necessary to meet the 2020 attainment goal. These estimates may be used in concert with additional data points when conducting mid to long-range planning.

Commissioner's Recommendation

The Commissioner recommends the Regents approve the long-term enrollment projections for higher education in the State of Utah.

David L. Buhler
Commissioner of Higher Education

DLB/GLS/JAC
Attachment

Headcount

Fall Semester - End of Term (Calendar Year)

| Institution | Projected Enrollments | | | | | | | | | | | 10 yr Growth Rate | | | | |
|---------------|-----------------------|-------------------|----------------|---------------------------------|-------------------------------------|---------|---------|---------|---------|---------|---------|-------------------------|---------|---------|---------|------|
| | 2012 Actual | 2013 Projected | 2013 Actual | Difference from Projected | 2012 to 2013 Actual Change | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | | 2020 | 2021 | 2022 | 2023 |
| UU | 33,291 | 33,340 | 32,767 | (573) | (524) | 33,043 | 33,855 | 34,549 | 35,140 | 35,685 | 36,236 | 36,756 | 37,271 | 37,792 | 38,284 | |
| Annual Growth | | | | | - 1.6% | 0.8% | 2.5% | 2.0% | 1.7% | 1.6% | 1.5% | 1.4% | 1.4% | 1.4% | 1.3% | 1.6% |
| USU | 29,694 | 30,672 | 28,698 | (1,974) | (996) | 30,036 | 30,672 | 31,323 | 31,989 | 32,670 | 33,367 | 34,080 | 34,810 | 35,556 | 36,318 | |
| Annual Growth | | | | | - 3.4% | 4.7% | 2.1% | 2.1% | 2.1% | 2.1% | 2.1% | 2.1% | 2.1% | 2.1% | 2.1% | 2.4% |
| WSU | 27,381 | 25,778 | 25,886 | 108 | (1,495) | 26,718 | 27,881 | 28,952 | 29,402 | 30,142 | 31,557 | 32,335 | 32,319 | 33,750 | 35,018 | |
| Annual Growth | | | | | - 5.5% | 3.2% | 4.4% | 3.8% | 1.6% | 2.5% | 4.7% | 2.5% | - 0.1% | 4.4% | 3.8% | 3.1% |
| SUU | 8,706 | 7,992 | 8,227 | 235 | (479) | 8,474 | 8,705 | 8,943 | 9,166 | 9,396 | 9,630 | 9,871 | 10,118 | 10,371 | 10,630 | |
| Annual Growth | | | | | - 5.5% | 3.0% | 2.7% | 2.7% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.6% |
| Snow | 4,598 | 3,916 | 4,581 | 665 | (17) | 4,630 | 4,799 | 4,992 | 5,211 | 5,461 | 5,743 | 6,063 | 6,425 | 6,833 | 7,293 | |
| Annual Growth | | | | | - 0.4% | 1.1% | 3.7% | 4.0% | 4.4% | 4.8% | 5.2% | 5.6% | 6.0% | 6.4% | 6.7% | 4.8% |
| DSU | 8,587 | 8,600 | 8,147 | (453) | (440) | 8,351 | 8,925 | 9,229 | 9,515 | 9,780 | 10,020 | 10,270 | 10,476 | 10,754 | 10,953 | |
| Annual Growth | | | | | - 5.1% | 2.5% | 6.9% | 3.4% | 3.1% | 2.8% | 2.5% | 2.5% | 2.0% | 2.7% | 1.9% | 3.0% |
| UVU | 31,810 | 31,120 | 30,880 | (240) | (930) | 31,714 | 33,954 | 35,545 | 36,871 | 38,251 | 39,685 | 40,899 | 42,338 | 43,832 | 45,383 | |
| Annual Growth | | | | | - 2.9% | 2.7% | 7.1% | 4.7% | 3.7% | 3.7% | 3.7% | 3.1% | 3.5% | 3.5% | 3.5% | 3.9% |
| SLCC | 35,804 | 37,679 | 35,043 | (2,636) | (761) | 34,699 | 35,300 | 35,616 | 36,610 | 37,250 | 37,893 | 38,173 | 38,451 | 38,726 | 39,002 | |
| Annual Growth | | | | | - 2.1% | - 1.0% | 1.7% | 0.9% | 2.8% | 1.7% | 1.7% | 0.7% | 0.7% | 0.7% | 0.7% | 1.1% |
| USHE Totals | 179,871 | 179,097 | 174,229 | (4,868) | (5,642) | 177,665 | 184,091 | 189,149 | 193,904 | 198,635 | 204,131 | 208,448 | 212,208 | 217,614 | 222,882 | |
| Annual Growth | | | | | - 3.1% | 2.0% | 3.6% | 2.7% | 2.5% | 2.4% | 2.8% | 2.1% | 1.8% | 2.5% | 2.4% | 2.5% |

Full-Time Equivalent

Fall Semester - End of Term (Calendar Year)

| | | Projected Enrollments | | | | | | | | | | | | | | | |
|---------------|----------------|-----------------------|----------------|---|-------------------|----------------|---------|---------|---------|---------|---------|---------|---------|---------|------|------------------------|-------------------------|
| Institution | 2012 Actual | 2013 Projected | 2013 Actual | Difference 2012 to 2013 from Actual | 2014 Projected | 2014 Change | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2023 Growth Rate | 10 yr Growth Rate |
| | | | | | | | | | | | | | | | | | |
| UU | 27,576 | 27,630 | 27,588 | (42) | 27,838 | 28,494 | 29,049 | 29,552 | 30,045 | 30,544 | 30,983 | 31,416 | 31,856 | 32,270 | 1.3% | 1.6% | |
| Annual Growth | | | | 0.0% | 0.9% | 2.4% | 1.9% | 1.7% | 1.7% | 1.7% | 1.7% | 1.4% | 1.4% | 1.4% | 1.3% | 1.6% | |
| USU | 21,136 | 22,451 | 20,610 | (1,841) | 21,847 | 22,335 | 22,809 | 23,269 | 23,714 | 24,146 | 24,564 | 24,968 | 25,378 | 25,795 | 1.6% | 2.3% | |
| Annual Growth | | | | - 2.5% | 6.0% | 2.2% | 2.1% | 2.0% | 1.9% | 1.8% | 1.7% | 1.6% | 1.6% | 1.6% | 1.6% | 2.3% | |
| WSU | 16,781 | 16,346 | 15,742 | (604) | 16,744 | 17,614 | 18,416 | 18,752 | 19,306 | 20,365 | 20,948 | 20,935 | 22,006 | 22,956 | 4.3% | 3.8% | |
| Annual Growth | | | | - 6.2% | 6.4% | 5.2% | 4.6% | 1.8% | 3.0% | 5.5% | 2.9% | - 0.1% | 5.1% | 4.3% | 3.8% | | |
| SUU | 6,653 | 6,137 | 6,331 | 194 | 6,544 | 6,779 | 7,020 | 7,196 | 7,376 | 7,560 | 7,749 | 7,943 | 8,141 | 8,345 | 2.5% | 2.8% | |
| Annual Growth | | | | - 4.8% | 3.4% | 3.6% | 3.6% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.8% | |
| Snow | 3,556 | 2,934 | 3,530 | 596 | 3,685 | 3,863 | 4,066 | 4,298 | 4,561 | 4,859 | 5,197 | 5,580 | 6,014 | 6,503 | 8.1% | 6.3% | |
| Annual Growth | | | | - 0.7% | 4.4% | 4.8% | 5.3% | 5.7% | 6.1% | 6.5% | 7.0% | 7.4% | 7.8% | 8.1% | 6.3% | | |
| DSU | 6,443 | 6,450 | 6,176 | (274) | 6,180 | 6,605 | 6,829 | 7,041 | 7,237 | 7,415 | 7,600 | 7,752 | 7,958 | 8,106 | 1.9% | 2.8% | |
| Annual Growth | | | | - 4.1% | 0.1% | 6.9% | 3.4% | 3.1% | 2.8% | 2.5% | 2.5% | 2.0% | 2.7% | 1.9% | 2.8% | | |
| UVU | 21,692 | 21,162 | 20,780 | (382) | 21,586 | 22,639 | 23,757 | 24,943 | 26,202 | 27,538 | 28,956 | 30,462 | 32,063 | 33,762 | 5.3% | 5.0% | |
| Annual Growth | | | | - 4.2% | 3.9% | 4.9% | 4.9% | 5.0% | 5.0% | 5.1% | 5.1% | 5.2% | 5.3% | 5.3% | 5.0% | | |
| SLCC | 18,347 | 18,863 | 17,676 | (1,187) | 17,567 | 17,687 | 18,033 | 18,650 | 19,002 | 19,540 | 19,671 | 20,981 | 21,041 | 21,980 | 4.5% | 2.2% | |
| Annual Growth | | | | - 3.7% | - 0.6% | 0.7% | 2.0% | 3.4% | 1.9% | 2.8% | 0.7% | 6.7% | 0.3% | 4.5% | 2.2% | | |
| USHE Totals | 122,184 | 121,973 | 118,433 | (3,540) | 121,990 | 126,016 | 129,979 | 133,701 | 137,443 | 141,966 | 145,668 | 150,038 | 154,457 | 159,717 | 3.4% | 3.0% | |
| Annual Growth | | | | - 3.1% | 3.0% | 3.3% | 3.1% | 2.9% | 2.8% | 3.3% | 2.6% | 3.0% | 2.9% | 3.4% | 3.0% | | |

Annualized FTE

End of Term (Academic Year)

| | | Projected Enrollments | | | | | | | | | | | | | | | |
|-----------------------------|----------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-------|--------|------|------|
| Institution | 2012-13* | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | 2023-24 | 11 yr | Growth | Rate | |
| University of Utah | 30,592 | 30,554 | 31,307 | 31,985 | 32,569 | 33,074 | 33,585 | 34,067 | 34,544 | 35,027 | 35,483 | 35,944 | | | | | |
| Annual Growth | 1.3% | - 0.1% | 2.5% | 2.2% | 1.8% | 1.6% | 1.5% | 1.4% | 1.4% | 1.4% | 1.3% | 1.3% | 1.3% | 1.3% | 1.5% | 1.5% | 1.5% |
| Utah State University | 22,063 | 21,650 | 22,592 | 23,620 | 24,306 | 25,008 | 25,727 | 26,462 | 27,214 | 27,983 | 28,770 | 29,578 | | | | | |
| Annual Growth | - 4.4% | - 1.9% | 4.4% | 4.6% | 2.9% | 2.9% | 2.9% | 2.9% | 2.8% | 2.8% | 2.8% | 2.8% | 2.8% | 2.8% | 2.7% | 2.7% | 2.7% |
| Weber State University | 17,878 | 16,868 | 17,934 | 18,740 | 19,482 | 19,794 | 20,307 | 21,286 | 21,826 | 21,815 | 22,806 | 23,685 | | | | | |
| Annual Growth | 0.7% | - 5.6% | 6.3% | 4.5% | 4.0% | 1.6% | 2.6% | 4.8% | 2.5% | - 0.1% | 4.5% | 3.9% | 3.9% | 3.9% | 2.6% | 2.6% | 2.6% |
| Southern Utah University | 7,259 | 6,875 | 7,099 | 7,452 | 7,813 | 8,008 | 8,209 | 8,414 | 8,624 | 8,840 | 9,061 | 9,287 | | | | | |
| Annual Growth | - 0.3% | - 5.3% | 3.3% | 5.0% | 4.8% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.5% | 2.3% | 2.3% | 2.3% |
| Snow College | 3,392 | 3,550 | 3,730 | 3,936 | 4,172 | 4,441 | 4,746 | 5,093 | 5,486 | 5,932 | 6,436 | 7,007 | | | | | |
| Annual Growth | - 0.4% | 4.6% | 5.1% | 5.5% | 6.0% | 6.4% | 6.9% | 7.3% | 7.7% | 8.1% | 8.5% | 8.9% | 8.9% | 8.9% | 6.8% | 6.8% | 6.8% |
| Dixie State University | 6,486 | 6,270 | 6,430 | 6,872 | 7,106 | 7,327 | 7,531 | 7,715 | 7,908 | 8,067 | 8,281 | 8,434 | | | | | |
| Annual Growth | - 4.0% | - 3.3% | 2.6% | 6.9% | 3.4% | 3.1% | 2.8% | 2.5% | 2.5% | 2.0% | 2.7% | 1.9% | 1.9% | 1.9% | 2.4% | 2.4% | 2.4% |
| Utah Valley University | 23,333 | 22,335 | 23,097 | 24,224 | 25,420 | 26,689 | 28,036 | 29,466 | 30,983 | 32,595 | 34,307 | 36,125 | | | | | |
| Annual Growth | - 3.9% | - 4.3% | 3.4% | 4.9% | 4.9% | 5.0% | 5.0% | 5.1% | 5.1% | 5.2% | 5.3% | 5.3% | 5.3% | 5.3% | 4.1% | 4.1% | 4.1% |
| Salt Lake Community College | 20,832 | 19,499 | 19,633 | 20,017 | 20,702 | 21,092 | 21,689 | 21,835 | 23,289 | 23,356 | 24,398 | 24,671 | | | | | |
| Annual Growth | - 3.7% | - 6.4% | 0.7% | 2.0% | 3.4% | 1.9% | 2.8% | 0.7% | 6.7% | 0.3% | 4.5% | 1.1% | 1.1% | 1.1% | 1.4% | 1.4% | 1.4% |
| USHE Totals | 131,834 | 127,601 | 131,822 | 136,847 | 141,570 | 145,432 | 149,829 | 154,338 | 159,874 | 163,614 | 169,541 | 174,731 | | | | | |
| Annual Growth | - 1.9% | - 3.2% | 3.3% | 3.8% | 3.5% | 2.7% | 3.0% | 3.0% | 3.6% | 2.3% | 3.6% | 3.1% | 3.1% | 3.1% | 2.6% | 2.6% | 2.6% |

USHE System Totals Summary

| | 2012-13 | 2013-14 | 2014-15 | 2015-16 | 2016-17 | 2017-18 | 2018-19 | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Fall Headcount | 179,871 | 174,229 | 177,665 | 184,091 | 189,149 | 193,904 | 198,635 | 204,131 | 208,448 | 212,208 | 217,614 | 222,882 |
| Fall FTE | 122,184 | 118,433 | 121,990 | 126,016 | 129,979 | 133,701 | 137,443 | 141,966 | 145,668 | 150,038 | 154,457 | 159,717 |
| Annualized FTE | 131,834 | 127,601 | 131,822 | 136,847 | 141,570 | 145,432 | 149,829 | 154,338 | 159,874 | 163,614 | 169,541 | 174,731 |

