

May 10, 2017

MEMORANDUM

TO: State Board of Regents

FROM: David L. Buhler

SUBJECT: USHE – Enrollment Forecasts

Issue

Annually, USHE institutions are asked to update their respective 10-year enrollment forecast estimates for Board review and approval. These estimates are prepared to help inform Regents and state-level policymakers about future enrollment levels at USHE institutions; assist in identifying capital development needs; and develop mid- to long-range operation plans.

Background

In order to recognize their distinct missions and goals, the USHE institutions have each developed a unique projection model to estimate future enrollments. The models are based on state and institutional data sets that include (but are not limited to) variables such as: Utah population by age, high school enrollments, and unemployment estimates. The models use estimation methods such as regression equations and trend analysis to estimate future enrollments. Using this process, the fall 2016 headcount projections were understated by 47 students (0.0%), fall EOT FTE was overstated by 536 FTE (0.4%) and the 2015-16 annualized FTE projections were understated by 392 FTE (0.3%) when compared to the reported data. All of the USHE institution projections fell within a five percent margin of error.

The institution enrollment projection models are evaluated annually in an open, peer review forum of Institutional Research professionals from each of the eight USHE institutions. This year's discussion was held on April 14th, 2017. The data presented in each of these models was accepted as valid for each of the eight USHE institutions.

Current projections estimate that the USHE System will grow to approximately 241,000 students (169,000 FTE) by the fall 2026 semester, with an annualized enrollment of 182,000 full-time equivalent students for the 2026-27 academic year. This represents a projected system growth rate between 3.0% and 3.1% for Headcount and FTE over the next 10 years. The attached tables display these projections on an institution-by-institution basis. These estimates may be used in concert with additional data points when conducting mid to long-range planning.

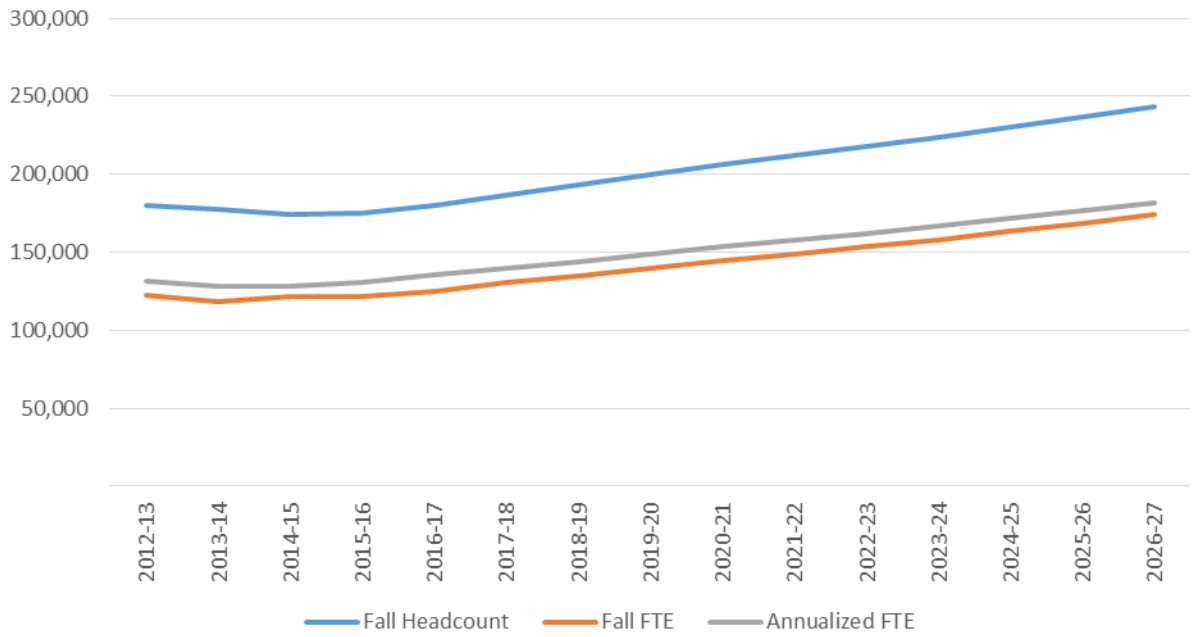
Commissioner's Recommendation

The Commissioner recommends the Board approve the 10-year enrollment projections for the Utah System of Higher Education.

David L. Buhler
Commissioner of Higher Education

DLB/KLH/JAC
Attachments

USHE Projections - System Totals



Enrollment Projections

Utah System of Higher Education

System Total Projections - Proposed to Board of Regents, May 2017

Institution	Fall (End of Term) Headcount											Growth Rate
	Actual 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
University of Utah	32,451	33,228	34,247	35,246	36,078	36,459	36,749	37,058	37,512	38,075	38,635	
Annual Growth	0.9%	2.4%	3.1%	2.9%	2.4%	1.1%	0.8%	0.8%	1.2%	1.5%	1.5%	1.8%
Utah State University*	28,986	28,986	29,566	30,157	30,760	31,375	32,003	32,643	33,296	33,962	34,641	
Annual Growth	- 1.1%	0.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.8%
Weber State University	27,236	29,367	30,730	32,123	33,505	34,852	36,149	37,393	38,587	39,739	40,753	
Annual Growth	3.7%	7.8%	4.6%	4.5%	4.3%	4.0%	3.7%	3.4%	3.2%	3.0%	2.6%	4.1%
Southern Utah University	9,598	9,905	10,222	10,549	10,887	11,235	11,539	11,850	12,182	12,523	12,874	
Annual Growth	5.0%	3.2%	3.2%	3.2%	3.2%	3.2%	2.7%	2.7%	2.8%	2.8%	2.8%	3.0%
Snow College	5,414	5,604	5,819	6,063	6,340	6,652	7,004	7,402	7,849	8,351	8,917	
Annual Growth	6.0%	3.5%	3.8%	4.2%	4.6%	4.9%	5.3%	5.7%	6.0%	6.4%	6.8%	5.1%
Dixie State University	8,991	9,798	10,665	11,541	12,530	13,229	13,911	14,629	15,433	16,246	17,078	
Annual Growth	6.2%	9.0%	8.8%	8.2%	8.6%	5.6%	5.2%	5.2%	5.5%	5.3%	5.1%	6.6%
Utah Valley University	35,126	36,397	37,742	39,141	40,594	41,880	43,347	44,870	46,451	48,092	49,795	
Annual Growth	4.7%	3.6%	3.7%	3.7%	3.7%	3.2%	3.5%	3.5%	3.5%	3.5%	3.5%	3.6%
Salt Lake Community College	32,133	32,335	32,985	33,658	34,348	35,052	35,760	36,468	37,168	37,869	38,563	
Annual Growth	3.2%	0.6%	2.0%	2.0%	2.1%	2.0%	2.0%	2.0%	1.9%	1.9%	1.8%	1.8%
USHE Totals	179,935	185,620	191,976	198,478	205,043	210,734	216,461	222,313	228,478	234,856	241,255	
Annual Growth	2.7%	3.2%	3.4%	3.4%	3.3%	2.8%	2.7%	2.7%	2.8%	2.8%	2.7%	3.0%

Enrollment Projections

Utah System of Higher Education

System Total Projections - Proposed to Board of Regents, May 2017

Fall Semester (End-of-Term) Full Time Equivalent												
Institution	Actual 2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	Growth Rate
University of Utah	27,683	28,397	29,272	30,096	30,776	31,102	31,349	31,613	32,000	32,480	32,957	
Annual Growth	1.8%	2.6%	3.1%	2.8%	2.3%	1.1%	0.8%	0.8%	1.2%	1.5%	1.5%	1.8%
Utah State University*	22,390	22,614	23,066	23,528	23,998	24,478	24,968	25,467	25,976	26,496	27,026	
Annual Growth	- 0.1%	1.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.9%
Weber State University	16,557	18,530	19,215	19,917	20,613	21,293	21,947	22,576	23,179	23,761	24,274	
Annual Growth	2.8%	11.9%	3.7%	3.7%	3.5%	3.3%	3.1%	2.9%	2.7%	2.5%	2.2%	3.9%
Southern Utah University	7,396	7,610	7,830	8,057	8,291	8,531	8,736	8,946	9,161	9,380	9,615	
Annual Growth	5.3%	2.9%	2.9%	2.9%	2.9%	2.9%	2.4%	2.4%	2.4%	2.4%	2.5%	2.7%
Snow College	4,041	4,385	4,630	4,908	5,223	5,579	5,982	6,438	6,953	7,535	8,191	
Annual Growth	1.5%	8.5%	5.6%	6.0%	6.4%	6.8%	7.2%	7.6%	8.0%	8.4%	8.7%	7.3%
Dixie State University	6,851	7,349	7,999	8,656	9,398	9,922	10,433	10,972	11,575	12,185	12,809	
Annual Growth	7.4%	7.3%	8.8%	8.2%	8.6%	5.6%	5.2%	5.2%	5.5%	5.3%	5.1%	6.5%
Utah Valley University	23,761	24,671	25,643	26,484	27,482	28,526	29,617	30,758	31,951	33,198	34,503	
Annual Growth	4.7%	3.8%	3.9%	3.3%	3.8%	3.8%	3.8%	3.9%	3.9%	3.9%	3.9%	3.8%
Salt Lake Community College	15,904	16,665	17,000	17,347	17,703	18,066	18,431	18,796	19,156	19,518	19,876	
Annual Growth	- 0.9%	4.8%	2.0%	2.0%	2.1%	2.0%	2.0%	2.0%	1.9%	1.9%	1.8%	2.3%
USHE Totals	124,583	130,221	134,656	138,992	143,484	147,496	151,463	155,565	159,951	164,552	169,250	
Annual Growth	2.3%	4.5%	3.4%	3.2%	3.2%	2.8%	2.7%	2.7%	2.8%	2.9%	2.9%	3.1%

Enrollment Projections

Utah System of Higher Education

System Total Projections - Proposed to Board of Regents, May 2017

Annualized FTE - Academic Year													
Institution	Actuals 2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	Growth Rate
University of Utah	30,034	30,390	31,158	32,081	32,984	33,729	34,086	34,357	34,646	35,071	35,596	36,120	
Annual Growth	0.0%	1.2%	2.5%	3.0%	2.8%	2.3%	1.1%	0.8%	0.8%	1.2%	1.5%	1.5%	1.7%
Utah State University*	23,549	23,550	23,786	24,261	24,746	25,241	25,746	26,261	26,786	27,322	27,869	28,426	
Annual Growth	4.2%	0.0%	1.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	1.7%
Weber State University	17,244	19,386	19,773	20,109	20,430	20,728	21,001	21,249	21,474	21,680	21,869	22,029	
Annual Growth	- 0.2%	12.4%	2.0%	1.7%	1.6%	1.5%	1.3%	1.2%	1.1%	1.0%	0.9%	0.7%	2.3%
Southern Utah University	7,677	7,964	8,219	8,482	8,753	9,033	9,277	9,528	9,785	10,049	10,320	10,599	
Annual Growth	9.5%	3.7%	3.2%	3.2%	3.2%	3.2%	2.7%	2.7%	2.7%	2.7%	2.7%	2.7%	3.0%
Snow College	3,842	3,895	4,130	4,396	4,698	5,040	5,426	5,862	6,355	6,911	7,539	8,247	
Annual Growth	6.0%	1.4%	6.0%	6.5%	6.9%	7.3%	7.7%	8.0%	8.4%	8.8%	9.1%	9.4%	7.2%
Dixie State University	6,388	6,785	7,446	8,105	8,771	9,523	10,054	10,572	11,118	11,729	12,347	12,979	
Annual Growth	0.5%	6.2%	9.7%	8.8%	8.2%	8.6%	5.6%	5.2%	5.2%	5.5%	5.3%	5.1%	6.7%
Utah Valley University	24,121	25,200	26,438	27,772	29,187	30,690	32,286	33,981	35,781	37,693	39,724	41,881	
Annual Growth	6.1%	4.5%	4.9%	5.0%	5.1%	5.1%	5.2%	5.3%	5.3%	5.3%	5.4%	5.4%	5.1%
Salt Lake Community College	17,640	17,973	18,323	18,691	19,073	19,464	19,863	20,264	20,665	21,062	21,459	21,853	
Annual Growth	- 6.7%	1.9%	2.0%	2.0%	2.0%	2.1%	2.1%	2.0%	2.0%	1.9%	1.9%	1.8%	1.3%
USHE Totals	130,495	135,143	139,273	143,898	148,642	153,447	157,738	162,074	166,611	171,518	176,723	182,134	
Annual Growth	1.5%	3.6%	3.1%	3.3%	3.3%	3.2%	2.8%	2.7%	2.8%	2.9%	3.0%	3.1%	3.1%

* Utah State projection data does not include enrollments at USUE-DWS campus