

May 6, 2015

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 2024-2025. 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 their distinct missions and goals, the USHE institutions have developed unique projection models to estimate future enrollments. These models are based on state and institutional data sets that include, but are not limited to, such variables as; Utah population by age, high school enrollments, and unemployment estimates. The models use OLS regression and 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 eight USHE institutions. This year's forum and discussion was held on April 23, 2015. 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 will grow to approximately 226,000 students (161,000 FTE) by the fall 2024 semester, with an annualized enrollment of 171,000 full-time equivalent students for the 2024-25 academic year. This represents a projected System fall end-of-term headcount growth rate and annualized FTE growth rate of 2.7% 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 Regents approve the long-term enrollment projections for higher education in the State of Utah.

David L. Buhler
Commissioner of Higher Education

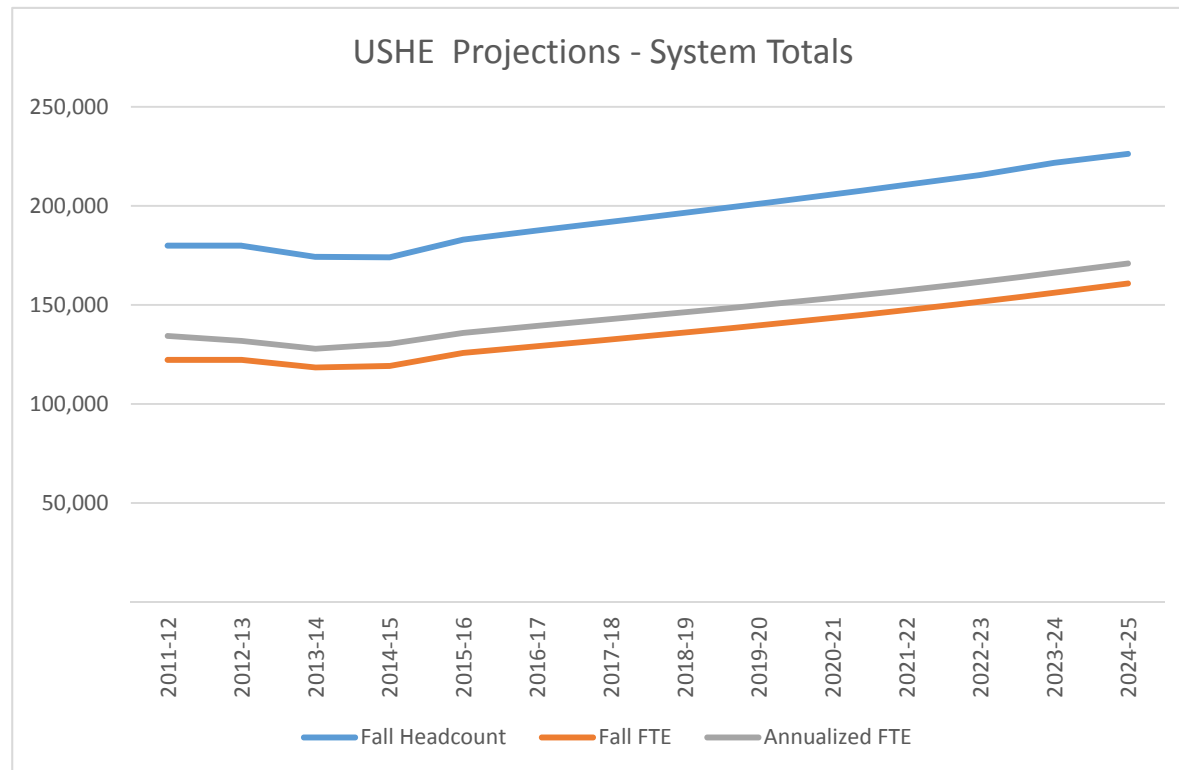
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Attachment

Fall (End of Term) Headcount												
Institution	Actual 2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Growth Rate
University of Utah Annual Growth	32,003	32,670 2.1%	33,160 1.5%	33,691 1.6%	33,994 0.9%	34,538 1.6%	35,263 2.1%	35,792 1.5%	36,329 1.5%	36,837 1.4%	37,316 1.3%	1.5%
Utah State University Annual Growth	28,707	29,910 4.2%	30,538 2.1%	31,179 2.1%	31,834 2.1%	32,503 2.1%	33,185 2.1%	33,882 2.1%	34,593 2.1%	35,320 2.1%	36,062 2.1%	2.3%
Weber State University Annual Growth	26,913	28,722 6.7%	29,810 3.8%	30,937 3.8%	32,102 3.8%	33,307 3.8%	34,551 3.7%	35,834 3.7%	37,156 3.7%	38,516 3.7%	39,916 3.6%	4.0%
Southern Utah University Annual Growth	8,200	8,932 8.9%	9,067 1.5%	9,201 1.5%	9,336 1.5%	9,471 1.4%	9,606 1.4%	9,752 1.5%	9,899 1.5%	10,045 1.5%	10,192 1.5%	2.2%
Snow College Annual Growth	4,805	4,984 3.7%	5,189 4.1%	5,421 4.5%	5,683 4.8%	5,981 5.2%	6,317 5.6%	6,696 6.0%	7,123 6.4%	7,604 6.8%	8,145 7.1%	5.4%
Dixie State University Annual Growth	8,342	8,766 5.1%	9,087 3.7%	9,331 2.7%	9,566 2.5%	9,785 2.3%	10,004 2.2%	10,166 1.6%	10,339 1.7%	10,491 1.5%	10,727 2.3%	2.5%
Utah Valley University Annual Growth	31,589	33,983 7.6%	35,545 4.6%	36,892 3.8%	38,252 3.7%	39,686 3.7%	40,899 3.1%	42,339 3.5%	43,723 3.3%	45,383 3.8%	46,994 3.6%	4.1%
Salt Lake Community College Annual Growth	33,451	35,022 4.7%	35,199 0.5%	35,395 0.6%	35,596 0.6%	35,788 0.5%	36,002 0.6%	36,222 0.6%	36,444 0.6%	37,510 2.9%	36,898 -1.6%	1.0%
USHE Totals Annual Growth	174,010	182,988 5.2%	187,594 2.5%	192,047 2.4%	196,363 2.2%	201,060 2.4%	205,828 2.4%	210,683 2.4%	215,606 2.3%	221,705 2.8%	226,251 2.1%	2.7%

Fall Semester (End-of-Term) Full Time Equivalent												
Institution	Actual 2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Growth Rate
University of Utah Annual Growth	27,015	27,584 2.1%	28,025 1.6%	28,558 1.9%	28,843 1.0%	29,334 1.7%	29,979 2.2%	30,489 1.7%	30,946 1.5%	31,379 1.4%	31,819 1.4%	1.7%
Utah State University Annual Growth	21,286	22,335 4.9%	22,809 2.1%	23,288 2.1%	23,777 2.1%	24,276 2.1%	24,786 2.1%	25,307 2.1%	25,838 2.1%	26,381 2.1%	26,935 2.1%	2.4%
Weber State University Annual Growth	16,133	18,236 13.0%	18,767 2.9%	19,317 2.9%	19,886 2.9%	20,474 3.0%	21,081 3.0%	21,707 3.0%	22,351 3.0%	23,015 3.0%	23,697 3.0%	3.9%
Southern Utah University Annual Growth	6,277	6,699 6.7%	6,915 3.2%	7,077 2.3%	7,200 1.7%	7,254 0.8%	7,293 0.5%	7,514 3.0%	7,582 0.9%	7,622 0.5%	7,907 3.7%	2.3%
Snow College Annual Growth	3,777	3,963 4.9%	4,176 5.4%	4,417 5.8%	4,691 6.2%	5,001 6.6%	5,322 6.4%	5,748 8.0%	6,196 7.8%	6,701 8.2%	7,271 8.5%	6.8%
Dixie State University Annual Growth	6,318	6,487 2.7%	6,724 3.7%	6,905 2.7%	7,079 2.5%	7,241 2.3%	7,403 2.2%	7,523 1.6%	7,651 1.7%	7,763 1.5%	7,938 2.3%	2.3%
Utah Valley University Annual Growth	21,402	22,639 5.8%	23,756 4.9%	24,941 5.0%	26,200 5.0%	27,535 5.1%	28,953 5.1%	30,458 5.2%	32,058 5.3%	33,756 5.3%	35,560 5.3%	5.2%
Salt Lake Community College Annual Growth	16,909	17,861 5.6%	18,004 0.8%	18,157 0.9%	18,313 0.9%	18,464 0.8%	18,578 0.6%	18,746 0.9%	18,914 0.9%	19,561 3.4%	19,734 0.9%	1.6%
USHE Totals Annual Growth	119,117	125,803 5.6%	129,176 2.7%	132,660 2.7%	135,988 2.5%	139,580 2.6%	143,395 2.7%	147,491 2.9%	151,535 2.7%	156,178 3.1%	160,861 3.0%	3.0%

Annualized FTE - Academic Year													
Institution	Actuals 2013-14	2014- 15	2015- 16	2016- 17	2017- 18	2018- 19	2019- 20	2020- 21	2021- 22	2022-23	2023- 24	2004-25	Growth Rate
University of Utah Annual Growth	30,191.3	29,656 - 1.8%	30,320 2.2%	30,896 1.9%	31,452 1.8%	31,704 0.8%	32,211 1.6%	32,855 2.0%	33,381 1.6%	33,882 1.5%	34,356 1.4%	34,837 1.4%	1.3%
Utah State University Annual Growth	22,065.1	22,837 3.5%	23,979 5.0%	24,675 2.9%	25,267 2.4%	25,873 2.4%	26,494 2.4%	27,130 2.4%	27,781 2.4%	28,448 2.4%	29,131 2.4%	29,830 2.4%	2.8%
Weber State University Annual Growth	16,951.5	18,924 11.6%	19,269 1.8%	19,572 1.6%	19,873 1.5%	20,172 1.5%	20,470 1.5%	20,766 1.4%	21,060 1.4%	21,353 1.4%	21,644 1.4%	21,933 1.3%	2.4%
Southern Utah University Annual Growth	6,903.8	7,480 8.3%	7,640 2.1%	7,870 3.0%	8,042 2.2%	8,173 1.6%	8,231 0.7%	8,272 0.5%	8,507 2.8%	8,580 0.9%	8,623 0.5%	8,927 3.5%	2.4%
Snow College Annual Growth	3,353.5	3,480 3.8%	3,655 5.0%	3,855 5.5%	4,083 5.9%	4,342 6.3%	4,636 6.8%	4,969 7.2%	5,345 7.6%	5,772 8.0%	6,254 8.4%	6,798 8.7%	6.6%
Dixie State University Annual Growth	6,248.2	6,309 1.0%	6,750 7.0%	6,997 3.7%	7,185 2.7%	7,366 2.5%	7,535 2.3%	7,703 2.2%	7,828 1.6%	7,961 1.7%	8,078 1.5%	8,260 2.3%	2.6%
Utah Valley University Annual Growth	22,181.7	23,097 4.1%	24,224 4.9%	25,420 4.9%	26,689 5.0%	28,036 5.0%	29,466 5.1%	30,983 5.1%	32,595 5.2%	34,307 5.3%	36,125 5.3%	38,056 5.3%	5.0%
Salt Lake Community College Annual Growth	19,947.7	18,474 - 7.4%	20,006 8.3%	20,169 0.8%	20,349 0.9%	20,534 0.9%	20,712 0.9%	20,804 0.4%	21,009 1.0%	21,219 1.0%	22,051 3.9%	22,272 1.0%	1.0%
USHE Totals Annual Growth	127,842.8	130,257 1.9%	135,843 4.3%	139,453 2.7%	142,940 2.5%	146,200 2.3%	149,754 2.4%	153,481 2.5%	157,506 2.6%	161,521 2.5%	166,260 2.9%	170,912 2.8%	2.7%

	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
Fall Headcount	179,871	179,871	174,229	174,010	182,988	187,594	192,047	196,363	201,060	205,828	210,683	215,606	221,705	226,251
Fall FTE	122,184	122,184	118,433	119,117	125,803	129,176	132,660	135,988	139,580	143,395	147,491	151,535	156,178	160,861
Annualized FTE	134,336	131,834	127,843	130,257	135,843	139,453	142,940	146,200	149,754	153,481	157,506	161,521	166,260	170,912



2014 Projections - Outcome Review

Institution	Fall 2014 EOT Head Count			Fall 2014 EOT FTE			2013-14 Annualized FTE			
	Actual	Projected	Difference	Actual	Projected	Difference	Actual	Projected	Difference	
University of Utah	32,003	33,043	- 1,040	27,015	27,838	- 823	30,191	30,554	- 363	
Utah State University	28,707	30,036	- 1,329	21,286	21,847	- 561	22,065	21,650	415	
Weber State University	26,913	26,718	195	16,133	16,744	- 610	16,951	16,868	83	
Southern Utah University	8,200	8,474	- 274	6,277	6,544	- 267	6,904	6,875	29	
Snow College	4,805	4,630	175	3,777	3,685	92	3,354	3,550	- 196	
Dixie State University	8,342	8,351	- 9	6,318	6,180	138	6,248	6,270	- 22	
Utah Valley University	31,589	31,714	- 125	21,402	21,586	- 184	22,182	22,335	- 153	
Salt Lake Community College	33,451	34,699	- 1,248	16,909	17,567	- 658	19,948	19,499	449	
USHE Totals	174,010	177,665	- 3,655	119,117	121,990	- 2,873	127,843	127,601	242	
System Percentage Difference			-2.1%				-2.4%			