

# Effectiveness Update

## Student Retention Effectiveness Measures Report for Academic Year 2001-02



### SUMMARY

ACC's Student Retention Effectiveness Measures examine and compare to state-wide data, by total and by demographic group, three aspects of student retention

- The number of students who have never before attended college that enroll for the first time in fall of one year and return in the spring semester of that same academic year (Fall-to-Spring retention)
- The total number of all students who are enrolled in the fall of one year that return in the fall of the following academic year (Fall-to-Fall retention)
- The number of students who have never before attended college that enroll for the first time in fall of one year and complete a degree or certificate within the following three years (Completions).

The most recent\* data provided by the Texas Higher Education Coordinating Board (THECB) indicate

- ACC did not achieve the outcomes defined in its student retention effectiveness measures for Fall-to-Spring First Time in College (FTIC) student cohorts either by total or by demographic group. However, the Fall 1999 cohort showed improvement of over the Fall 1998 cohort among academic majors, White students, Black Students, and students in the "Other" ethnic category.
- No student demographic groups, except White students, achieved the Fall-to-Fall retention outcomes defined in ACC's student retention effectiveness measures.
- Fall-to-Fall retention outcomes, as defined in ACC's student retention effectiveness measures, were not achieved for the total group of students enrolled in ACC in fall of 1999, although there was slight improvement among academic majors.
- ACC did not achieve the outcomes defined in its student retention effectiveness measures for First Time in College (FTIC) student cohort Completions either by total or by demographic group.

\*Data are from the THECB *Annual Data Profile* for 2001 and the *Student Migration Report* for 2001. These reports reflect activity of students during 1997 through 2000 and may not reflect current trends.

# Effectiveness Update

## Student Retention Effectiveness Measures Report for Academic Year 2000-01



### PURPOSE

To provide consistent, campus-wide programs and services that increase the likelihood that students will remain in college and complete their degree or certificate program.

### INTENDED OUTCOME

1A. First Time in College (FTIC) degree seeking students enrolled at ACC in the fall semester will return the following spring semester (Fall-to-Spring Retention Rate).

### CRITERION

Based on data provided by the THECB, the percentage of FTIC degree-seeking students enrolled in the fall semester who return the following spring semester will be higher than the state average.

### RESULTS

ACC's Fall-to-Spring retention rate for the Fall 1999 Cohort of FTIC degree-seeking students is lower than Statewide retention rates for the same cohort of students. ACC's Fall-to-Spring retention rates for these cohort students is slightly higher than it was for the FTIC Fall 1998 ACC Cohort. Fall-to-Spring retention rates improved for students with academic majors, however there was a corresponding decline in the retention rates of students with technical majors.

### DATA

First Time in College (FTIC) Cohort Fall-to-Spring Retention

	FTIC Fall 1998 Cohort			FTIC Fall 1999 Cohort			Change from Previous Year
	Fall 1998	Spring 1999	% Returned	Fall 1999	Spring 2000	% Returned	
ACC Total FTIC Students	8,085	4,663	57.7%	7,767	4,532	58.3%	+0.6%
Statewide Total FTIC Students	101,246	70,184	69.3%	111,112	76,308	68.7%	-0.6%
<i>Difference</i>			-11.6%			-10.4%	
ACC Academic Majors	6,208	3,521	56.7%	5,630	3,311	58.8%	+2.1%
Statewide Academic Majors	62,618	44,129	70.5%	66,109	46,810	70.8%	+0.3%
<i>Difference</i>			-13.8%			-12.0%	
ACC Technical* Majors	1,877	1,142	60.8%	2,137	1,221	57.1%	-3.7%
Statewide Technical* Majors	38,628	26,055	67.5%	45,003	29,498	65.5%	-2.0%
<i>Difference</i>			-6.7%			-8.4%	

\*Includes Tech Prep

Source: THECB Annual Data Profiles, Institutional and Statewide Summaries, 2000 and 2001



## Student Retention Effectiveness Measures Report 2001-02 (continued)

### INTENDED OUTCOME

1B. There will be no significant differences between ACC and statewide average Fall-to-Spring retention rates for FTIC degree or certificate seeking students by demographic group.

### CRITERION

Based on data from the THECB Annual Data Profile, for each demographic group, the percent of FTIC students enrolled in the fall semester who return the following spring semester will be within  $\pm 5\%$  of their proportion statewide.

### RESULTS

For each demographic group, ACC's Fall-to-Spring retention rate for the Fall 1999 Cohort of FTIC degree-seeking students is lower than Statewide retention rates for the same cohort of students. ACC's Fall-to-Spring retention rates for these cohort students is slightly higher than it was for the FTIC Fall 1998 ACC Cohort, except for the cohort of Hispanic students.

### DATA

#### First Time in College (FTIC) Cohort Fall-to-Spring Retention by Ethnicity

Students	FTIC Fall 1998 Cohort			FTIC Fall 1999 Cohort			Change from Previous Year
	Fall 1998	Spring 1999	% Returned	Fall 1999	Spring 2000	% Returned	
ACC White Students	5,492	3,168	57.7%	5,166	3,034	58.7%	+1.0%
<i>Statewide White Students</i>	<i>56,702</i>	<i>39,102</i>	<i>69.0%</i>	<i>62,778</i>	<i>43,088</i>	<i>68.6%</i>	<i>-0.4%</i>
<i>Criterion</i>	<i>below range (65.6% - 72.5%)</i>			<i>below range (65.2% - 72.0%)</i>			
ACC Black Students	424	222	52.4%	462	254	55.0%	+2.6%
<i>Statewide Black Students</i>	<i>9,888</i>	<i>6,478</i>	<i>65.5%</i>	<i>11,695</i>	<i>7,420</i>	<i>63.4%</i>	<i>-2.1%</i>
<i>Criterion</i>	<i>below range (62.2% - 68.8%)</i>			<i>below range (60.2% - 68.6%)</i>			
ACC Hispanic Students	1,566	904	57.6%	1,518	863	56.9%	-0.7%
<i>Statewide Hispanic Students</i>	<i>29,149</i>	<i>20,805</i>	<i>71.4%</i>	<i>29,832</i>	<i>21,095</i>	<i>70.1%</i>	<i>-1.3%</i>
<i>Criterion</i>	<i>below range (67.8% - 75.0%)</i>			<i>below range (66.6% - 73.6%)</i>			
ACC Other Students	603	369	61.2%	621	381	61.4%	+0.2%
<i>Statewide Other Students</i>	<i>5,507</i>	<i>3,790</i>	<i>68.8%</i>	<i>6,807</i>	<i>4,705</i>	<i>69.1%</i>	<i>+0.3%</i>
<i>Criterion</i>	<i>below range (65.4% - 72.2%)</i>			<i>below range (65.6% - 72.6%)</i>			

Source: THECB Annual Data Profiles, Institutional and Statewide Summaries, 2000, 2001

**Student Retention Effectiveness Measures Report 2001-02** (continued)

**INTENDED OUTCOME**

2A. Students enrolled at ACC in the fall semester will return the following fall semester (Fall-to-Fall Retention Rate).

**CRITERION**

Based on the THECB Student Migration Report, the percentage of all ACC students enrolled in the fall semester who return the following fall semester will be higher than the state average.

**RESULTS**

Based on data from the 2001 Student Migration Report, of students enrolled at ACC in Fall 1999, 1.8 percent fewer returned to ACC in Fall 2000 than did students statewide. While the Fall 1999 to Fall 2000 retention rate for ACC decreased 0.9% from the Fall 1998 to Fall 1999 retention rate, the statewide rate also decreased by 0.6%. The Fall 1999 cohort showed a slight increase in retention among academic transfer majors, but a larger decrease in retention among technical majors.

**DATA**

Fall-to-Fall Retention Rate Comparison:  
ACC Students with Statewide Summary

	Fall 1998 Cohort Students			Fall 1999 Cohort Students			
	Students Enrolled Fall 1998	Students Returning Fall 1999	% Returned	Students Enrolled Fall 1999	Students Returning Fall 2000	% Returned	Change from Previous Year
ACC Total Students	25,609	9,854	38.5%	25,914	9,741	37.6%	-0.9%
Statewide Total Students	420,890	168,420	40.0%	434,802	171,492	39.4%	-0.6%
<i>Difference</i>			-1.5%			-1.8%	
ACC Academic Majors	18,077	6,715	37.1%	18,053	6,707	37.2%	+0.1%
Statewide Academic Majors	239,630	96,046	40.1%	246,061	96,574	39.2%	-0.9%
<i>Difference</i>			-3.0%			-2.0%	
ACC Technical* Majors	7,532	3,139	41.7%	7,861	3,034	38.6%	-3.1%
Statewide Technical* Majors	181,260	72,374	39.9%	188,741	74,918	39.7%	-0.2%
<i>Difference</i>			1.8%			-1.1%	

\*Includes Tech Prep  
Source: THECB Student Migration Report, 2000 and 2001

**Student Retention Effectiveness Measures Report 2001-02** (continued)

**INTENDED OUTCOME**

2B. There will be no significant differences between ACC and statewide average Fall-to-Fall retention rates by demographic group.

**CRITERION**

Based on data from the THECB Student Migration Report, for each demographic group, the percent of ACC students enrolled in the fall semester who return the following fall semester will be within  $\pm 5\%$  of their proportion statewide .

**RESULTS**

For the past two report years, ACC's Fall-to-Fall retention rate was within or above the criterion range for Black and White students. For both report years, the Fall-to-Fall retention rate for Hispanic students was below the criterion range. The Fall 1999 to Fall 2000 retention rate for all other students combined is below the criterion range, while it was within range the previous year.

In each of the demographic groups except Black students, the Fall 1999 to Fall 2000 retention rate declined from the Fall 1998 to Fall 1999 rate.

**DATA**

Comparison of ACC and statewide Fall-to-Fall Retention Rates by Ethnicity

	Fall 1998	Fall 1999	% Returned	Fall 1999	Fall 2000	% Returned	Difference from Previous Year
ACC White Students	17,071	6,395	37.5%	17,088	6,242	36.5%	-1.0%
Statewide White Students	232,649	87,311	37.5%	234,756	86,766	37.0%	-0.5%
<i>Criterion</i>	<i>Within range (35.6% - 39.4%)</i>			<i>Within range (35.2% - 38.9%)</i>			
ACC Black Students	1,513	599	39.6%	1,645	651	39.6%	+0.0%
Statewide Black Students	44,992	16,773	37.3%	47,915	17,500	36.5%	-0.8%
<i>Criterion</i>	<i>Above range (35.4% - 39.2%)</i>			<i>Above range (34.7% - 38.3%)</i>			
ACC Hispanic Students	5,015	2,026	40.8%	5,145	2,084	40.5%	-0.3%
Statewide Hispanic Students	117,269	53,380	45.5%	123,668	55,346	44.8%	-0.7%
<i>Criterion</i>	<i>Below range (43.2% - 47.8%)</i>			<i>Below range (42.6% - 47.0%)</i>			
ACC Other Students	2,010	834	41.5%	2,036	764	37.5%	-4.0%
Statewide Other Students	25,980	10,956	42.2%	28,463	11,880	41.7%	-0.5%
<i>Criterion</i>	<i>Within range (40.1% - 44.3%)</i>			<i>Below range (39.6% - 43.8%)</i>			

Source: THECB Student Migration Reports for 2000 and 2001

**Student Retention Effectiveness Measures Report 2001-02** (continued)

**INTENDED OUTCOME**

3A. FTIC degree/certificate seeking students will complete their degree/certificate within three years (Completions).

**CRITERION**

Based on data provided by the THECB (in the Annual Data Profile), the three year completion rates of FTIC degree-seeking students will be at least 5% higher than the state

**RESULTS**

ACC did not meet this criterion for the FTIC Student Cohorts for 1996 or 1997. In both cases, the completion rates for these ACC students were below the completion rates for students statewide. Additional data on the unduplicated number of students persisting (still enrolled), transferring, or graduating is provided in the tables below.

**DATA**

First Time in College (FTIC) Cohort Completion Rates

	FTIC Fall 1997 Cohort as of Fall 2000			
	FTIC Headcount	Persisting, Transferred or Graduated	Graduated within 3 years	Completion Rate
ACC Total Students	4,152	1,746	97	2.3%
<i>Statewide Total Students</i>	<i>99,573</i>	<i>47,605</i>	<i>7,560</i>	<i>7.6%</i>
<i>Difference</i>				<i>-5.3%</i>
ACC Academic Majors	3,050	1,336	43	1.4%
<i>Statewide Academic Majors</i>	<i>63,840</i>	<i>32,922</i>	<i>3,302</i>	<i>5.2%</i>
<i>Difference</i>				<i>-3.8%</i>
ACC Technical Majors	1,102	410	54	4.9%
<i>Statewide Technical Majors</i>	<i>35,733</i>	<i>14,683</i>	<i>4,258</i>	<i>11.9%</i>
<i>Difference</i>				<i>-7.0%</i>
	FTIC Fall 1996 Cohort as of Fall 1999			
	FTIC Headcount	Persisting, Transferred or Graduated	Graduated within 3 years	Completion Rate
ACC Total Students	4,226	1,818	110	2.6%
<i>Statewide Total Students</i>	<i>96,262</i>	<i>45,065</i>	<i>7,801</i>	<i>8.1%</i>
<i>Difference</i>				<i>-5.5%</i>
ACC Academic Majors	3,185	1,410	43	1.4%
<i>Statewide Academic Majors</i>	<i>59,704</i>	<i>30,279</i>	<i>2,981</i>	<i>5.0%</i>
<i>Difference</i>				<i>-3.6%</i>
ACC Technical Majors	1,041	408	67	6.4%
<i>Statewide Technical Majors</i>	<i>36,558</i>	<i>14,786</i>	<i>4,820</i>	<i>13.2%</i>
<i>Difference</i>				<i>-6.8%</i>

**Student Retention Effectiveness Measures Report 2001-02** (continued)

**INTENDED OUTCOME**

3B. There will be no significant difference between ACC and statewide degree or certificate completion rates of FTIC students by demographic group.

**CRITERION**

3. Based on data provided by the THECB, for each demographic group, the percent of FTIC students who complete a degree or certificate will be within  $\pm 5\%$  of their proportion statewide.

**RESULTS**

ACC's Completion rates by demographic group, for both the FTIC Fall 1996 and the FTIC Fall 1997 Cohorts, are below the criterion range for each demographic group when compared to the Statewide completion rates.

**DATA**

FTIC Cohort Completion Rates by Ethnicity

FTIC Fall 1997 Cohort as of Fall 2000				
Students	FTIC Headcount	Persisting, Transferred or Graduated	Graduated Within 3 years	Completion Rate
ACC White Students	2,688	1,176	67	2.5%
Statewide White Students	57,472	29,520	4,743	8.3%
<i>Criterion</i>			<i>Below range (7.9% - 8.7%)</i>	
ACC Black Students	245	78	5	2.0%
Statewide Black Students	9,919	3,896	679	6.8%
<i>Criterion</i>			<i>Below range (6.5% - 7.1%)</i>	
ACC Hispanic Students	928	363	14	1.5%
Statewide Hispanic Students	27,186	11,851	1,849	6.8%
<i>Criterion</i>			<i>Below range (6.5% - 7.1%)</i>	
ACC Other Students	291	129	11	3.8%
Statewide Other Students	4,996	2338	289	5.8%
<i>Criterion</i>			<i>Below range (5.5% - 6.1%)</i>	

FTIC Fall 1996 Cohort as of Fall 1999				
Students	FTIC Headcount	Persisting, Transferred or Graduated	Graduated Within 3 years	Completion Rate
ACC White Students	2,814	1,284	76	2.7%
Statewide White Students	54,448	27,638	4,782	8.8%
<i>Criterion</i>			<i>Below range (8.3% - 9.2%)</i>	
ACC Black Students	260	63	3	1.2%
Statewide Black Students	9,619	3,596	782	8.1%
<i>Criterion</i>			<i>Below range (7.7% - 8.5%)</i>	
ACC Hispanic Students	866	335	17	2.0%
Statewide Hispanic Students	27,238	11,518	1,945	7.1%
<i>Criterion</i>			<i>Below range (6.8% - 7.5%)</i>	
ACC Other Students	286	136	14	4.9%
Statewide Other Students	4,957	2,313	292	5.9%
<i>Criterion</i>			<i>Below range (5.6% - 6.2%)</i>	

Source: THECB Annual Data Profile, 2000 and 2001