

**The Community College of Baltimore County**  
**Planning, Research, and Evaluation**  
INTEROFFICE MEMORANDUM

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**FROM:** Dan McConochie, Senior Director – Planning, Research, and Evaluation  
**SUBJECT:** White Paper to Support CCBC’s Discussion about Facilitating Student Transfer  
**DATE:** September 2004

The overall number of Maryland community college students transferring to four-year Maryland public institutions has just begun to increase since the mid 1990’s. However, the number of CCBC transfer students has been declining for several years. The “White Paper to Support CCBC’s Discussion about Facilitating Student Transfer” report provides a trend analysis of CCBC’s transfer students from 1988 to 2003. A profile of CCBC transfer students, the four-year Maryland public institution that they attend, their performance, and graduation rates are discussed in the report.

This report is anticipated to be useful in several areas of the transfer process. First, it can provide a research foundation for initiatives aimed at increasing transfer rates and student success. Second, advisors may be able to use this information in guiding potential transfer students. Finally, it can facilitate discussions with presidents and transfer counselors at the receiving institutions regarding the enrollment and success of CCBC students.

Please contact Celestine Drayton of the Office of Planning, Research, and Evaluation with any questions about the report.



The Community College of Baltimore County  
Office of Planning, Research and Evaluation

**White Paper to Support CCBC's Discussion about Facilitating Student Transfer**

September 2004

Office of Planning, Research, and Evaluation  
Celestine Drayton

## **White Paper to Support CCBC's Discussion about Facilitating Student Transfer**

### Executive Summary

#### Transfer System in Maryland

The transfer system in Maryland is designed to allow students who start their college careers at a community college or any four-year Maryland public institution the ability to transfer to any four-year Maryland public institution without loss or need to duplicate courses. Maryland statewide policies on transfer contend that community college students who have earned an associate degree or completed at least 56 semester hours with at least a 2.0 GPA cannot be denied direct transfer to a four-year Maryland public institution. Students are allowed to transfer up to 70 credits and all general education courses are transferable to any institution without review.

Despite the statewide policies on transfer, students are often confronted with issues that can make it difficult to transfer credits and enter four-year institutions. James Tschechtelin (2004) interviewed community college and four-year personnel who work directly with the transfer process. Some issues described by those interviewed include colleges requiring additional general education courses to match their requirements, complex academic policies affecting the number of transferable credits within programs, and increasing selectivity of four-year colleges and universities.

#### Background on the Transfer Student System (TSS) File

The Maryland Higher Education Commission (MHEC) provides community colleges with an annual data file that contains information on students transferring from their institution to Maryland public four-year colleges or universities. Transfer students are tracked over the course of five years beginning with their initial year of transfer. The "Description of the Transfer Student System" in the Appendix section provides more detailed information on the collection procedures, summary tables and the data elements included in this analysis.

#### TSS Data Disclosure

The University of Maryland College Park (UMCP) was contacted regarding the number of CCBC transfer students reported in the TSS file for the institution. UMCP acknowledged that the number of CCBC transfer students attending UMCP is underreported in the TSS file for FY 2001 through FY2003. UMCP has provided estimates of the number of CCBC students attending during FY2001-FY2003. Detailed information about these students has not yet been provided and as reported as "Unknown" in the detailed tables in the report.

#### Transfer Trends at Community Colleges

According to the MHEC Performance of Maryland Community College Transfer Students at Public Four-Year Campuses (2004), the overall number of transfer students in Maryland has been increasing since 1999 (from 6,716 students to 7,363 students in 2002). However, the number of students transferring from CCBC has declined by 8% during this period (from 1,349 to 1,237). Figure 1 displays the number of transfer students by community college from 1997 to 2002. The number of transfer students has been increasing for all of the colleges listed except CCBC since 2000. Despite the decline in the number of CCBC student transfers, they represented the second largest portion of all Maryland transfer students in 2002.

#### Transfer Rates

Although the number of transfer students has been increasing, the statewide transfer rate of new, full-time freshman has been declining since the mid 1990's (MHEC, 2004). Tschechtelin (2004) offered three

theories to account for the decline in the transfer rate. The first is that the improving economy during the mid to late 1990's encouraged community college students to seek employment rather than transfer to a four-year institution. A second explanation is that more students have been transferring to out-of state colleges and universities over the past 8 years. Lastly, Tschechtelin (2004) suggested that the increasing number of African Americans enrolling in community colleges during this period, and their low transfer rate may play a role in the overall declining transfer rate.

Figure 2 displays the transfer rate for the 1999 new, full-time freshman cohort at CCBC. The figure shows that at the end of 4 years, 20% of the students transferred to a four-year Maryland public institution. It also shows that the largest portion of students transferred after 2 years. The transfer rate of new, full-time freshman at CCBC within 4 years has declined by 6% (from 26% in 1991 to 20% in 1999). However, since 1996, the transfer rate for the African American cohort has been on a steady increase (from 12% in 1996 to 18% in 1999 (MHEC, 2004)).

### Profile of Transfer Students

Table 1 provides a profile of CCBC transfer students at the end of their first year of transfer to a Maryland four-year public college or university from 1988 to 2003.

- The number of CCBC transfer students reached its peak in 1992 (1,872 transfer students). Since then, there has been a decline in the number of students transferring from CCBC. The largest decline occurred between 1993 and 1994 (from 1,810 transfers to 1,599 transfers). There was a 15% decline in the number of CCBC transfer students between 2002 and 2003 (from 1,248 in 2002 to 1,057 in 2003).
- Over the course of 15 years, white students have represented as much as 85% of the CCBC transfer population. Although African Americans represent a small portion of the overall transfer population, the number of African American transfers has increased. The largest number of African American students transferring occurred in 2002 (277 students), but declined by 15% to 236 students in 2003.
- The gap between the number of African American and White transfers has narrowed over the past 5 years. This is largely due to the decline in white transfers. Since 1997, the number of white transfers has been declining, while the number of African Americans transfer students has been slightly increasing.
- Females have consistently represented the largest portion of CCBC transfer students. A large decline in the number of female transfers occurred between 2002 and 2003 (from 705 students in 2002 to 543 students in 2003). This decline accounts for the lessened disparity between the number of male and female transfer students in 2003.
- Over the past 15 years, most transfer students were in the 20-29 age group followed by the 30-39 age group.
- Most of these transfer students are seeking a Bachelor's degree.
- The mean GPA after the first year has been in the range of 2.62 to 2.73 over the past 5 years. The largest decline in GPA occurred in 2003 (from 2.73 in 2002 to 2.62 in 2003).

### Four-Year Institutions Attended by CCBC Transfer Students

Table 2 shows which four-year public Maryland institution is attended by CCBC transfer students during their initial year of transfer.

- In ranking order, over the past 15 years, the largest portion of transfer students attend Towson University, University of Maryland Baltimore County, University of Baltimore, University of Maryland College Park, and University of Maryland University College.
- There was a 20% decline in the number of transfer students at Towson University (from 443 in 2002 to 353 in 2003). There was also a 30% decline of transfer students at the University of Baltimore (from 204 in 2002 to 142 in 2003).

### Programs of Study

Table 3 displays the program area of CCBC transfer students at the end of the first year of transfer to a four-year institution.

- The largest portion of transfer students major in the Business and Management program area. Enrollment is then highly populated in the following program areas: Computer and Information Sciences, Education, Health and Information Sciences, and Social Sciences. However, the Undeclared/Undecided program category ranked 3<sup>rd</sup> as containing the most enrollments over the past 5 years.
- The largest enrollment decline occurred in the Health Professions program area (from 117 students in 2002 to 67 students in 2003).

### 1<sup>st</sup> Year GPA at 4-Year Public Institution

Tables 4a -4c provide the GPA of transfer students at the end of their initial transfer year. Table 4a provides the mean GPA for all students. Tables 4b and 4c provide the mean GPA for African Americans and Whites respectively.

- The largest decline in GPA occurred in 2003 (from 2.73 in 2002 to 2.62 in 2003).
- Based on the top 5 receiving schools, students earned the highest mean GPA over the past 5 years at the University of Maryland University College (3.01), University of Baltimore (2.90), Towson University (2.66), University of Maryland College Park (2.56), and University of Maryland Baltimore County (2.52).
- The GPA for African Americans has remained lower than the GPA mean for White students. The mean GPA from 1999 – 2003 for African Americans is 13% lower than the GPA of White students (2.77 White students, 2.42 African American students).
- The GPA gap between African American and White students increased by 2% (from 13% in 2002 to 15% in 2003).

### Profile of CCBC Transfer Students Graduating from 4-Year Maryland Public Institutions

Table 5 provides a profile of CCBC transfer students who graduated from a four-year Maryland public institution from 1992 to 2002.

- The number of CCBC transfer students graduating was the highest during the mid 1990's. This can be explained by the peak in transfer students during the early 1990's completing their 4-year degree within this time period. By 1997, the number of graduates declined by 21% (from 986 graduates in 1996 to 775 graduates in 1997). The number of CCBC transfer students earning their bachelor's degree from Maryland public colleges and universities continues to decline. From 2000 to 2002, there was a 13% decline in graduates (743 in 2000 to 649 in 2002).
- The largest number of graduates has been White students followed by African Americans and Asian students.
- The number of minority graduates has increased since the early 1990's. On the other hand, after a peak in 1996, there has been a steady decline in the number of White graduates.
- More females than males graduate each year and the largest portion of students are in the 20 – 29 age category.
- The mean GPA of graduates has been in the range of 3.04 to 3.19 from 1992 to 2002.

Table 6 lists the number of CCBC graduates by four-year public Maryland Institutions.

- The institutions graduating the most CCBC transfer students are the institutions that draw the most CCBC transfer students. The schools graduating the most CCBC transfer students in ranking order are: Towson University, University of Baltimore, University of Maryland Baltimore County, University of Maryland College Park, and University of Maryland Baltimore City.

Table 7 examines the number of transfer students each 4-year institution graduated within 5 years of entering in 1998.

- The University of Maryland Baltimore City graduated 91% of the students that entered in 1998 (30 of the 33 transfer students graduated within 5 years).
- University of Maryland University College only graduated 30% of the CCBC students within 5 years of entering in 1998.

Tables 8a – 8c provides the graduation rate of CCBC transfer students within 2, 3, 4, and 5 years of their initial transfer year.

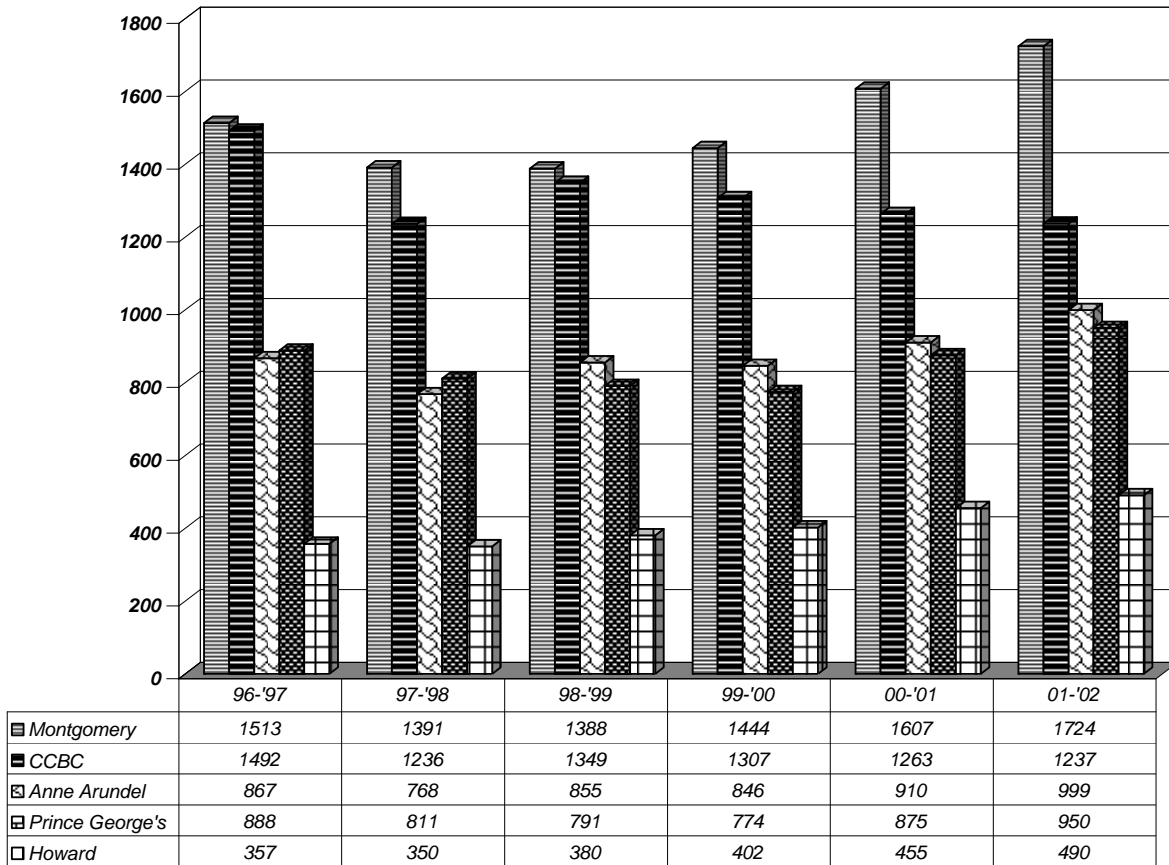
- Most students graduate within 3 years of entering the 4-year college. This pattern is the same for African American and White students.
- The number of CCBC transfer students graduating within 5 years reached its peak in 1997 at 57%. By 1999, the number of graduates declined by 4%.
- The gap between the number of African American and White students graduating within 5 years has been narrowing since the mid 1990's. The 5 year graduation rate for CCBC students who transferred in 1994 was 54% for white students and 34% for African American students. However, by the 1998 entrant year, 49% of African American students and 55% of White students had graduated within 5 years.

### Conclusions

The transfer rate of new, full-time freshman and the total number of students transferring from CCBC to four-year Maryland public institutions has been declining over the past 10 years. Despite the decline in the overall number of students transferring from CCBC, the African American transfer population has been on the rise. Once entering the four-year institution, the average GPA of students at the end of their first year has been 2.5 or higher. However, the GPA for the African American population has consistently been lower than Whites. In addition to the lower GPA, African American transfers have had a lower graduation rate compared to Whites. However, the gap between the number of African Americans and Whites graduating within 5 years of transferring has been narrowing since 1994.

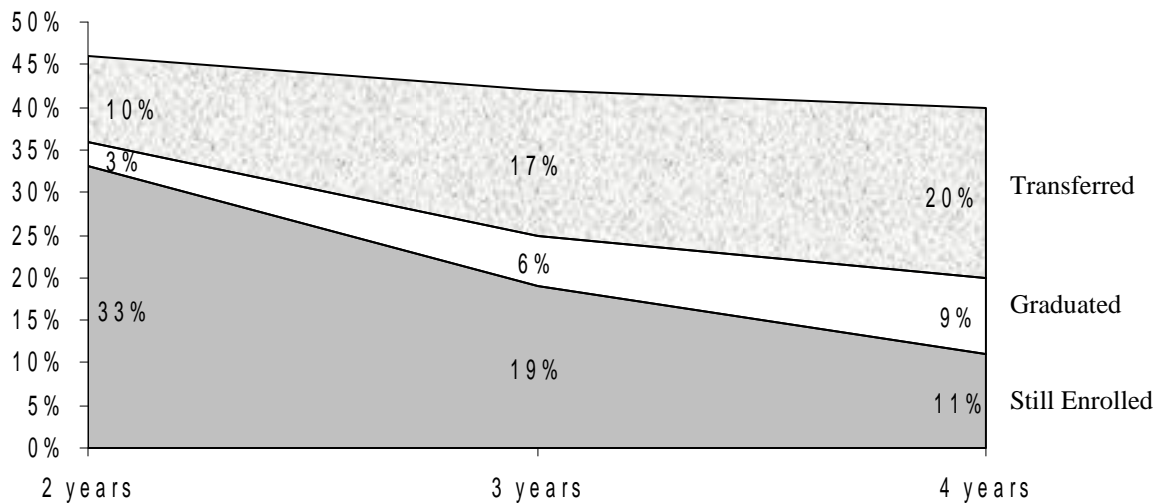
CCBC has many services in place to aid students in the transfer process. Students are encouraged to get transfer advising early in their academic career. The college also offers a "Transfer Day" where students can meet directly with four-year college representatives to get information on transferring to specific institutions. CCBC also has the Strategic Enrollment Management Initiatives (SEMI) Committee in place to develop ways to improve transfer rates. Continued development of these programs will help to increase the number of CCBC transfer students.

Figure 1: Maryland Community Colleges Transfer Totals 1997 - 2002



Source: MHEC 2004

Figure 2: CCBC Transfer and Graduation Rate for 1999 New, Full-Time, Freshman Cohort



Source: MHEC 2004

**Profile of Transfer Students After First Year of Transfer to a Maryland Public 4-Year College/University  
Fiscal Years 1988 - 2003**

**Table 1**

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*	2002*	2003*
Total Transfers	1296	1327	1666	1851	1872	1810	1599	1472	1404	1404	1281	1300	1261	1220	1248	1057
<b>Ethnicity</b>																
AFRICAN AMERICAN (BLACK)	105	125	151	157	172	208	208	191	197	229	205	227	230	247	277	236
ASIAN	35	46	56	58	78	70	56	72	82	70	66	82	84	76	64	71
HISPANIC	9	13	10	16	19	13	18	21	19	29	24	24	21	18	25	13
NATIVE AMERICAN (INDIAN)	4	1	6	12	5	4	11	7	12	14	8	7	10	11	3	3
WHITE	1134	1133	1420	1575	1563	1479	1264	1153	1050	1006	915	897	849	767	736	575
FOREIGN	4	6	19	29	20	23	20	13	17	25	29	31	25	45	42	45
ALL OTHER	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
UNKNOWN	5	3	4	4	15	13	22	15	27	31	34	32	41	56	100	115
<b>Gender</b>																
MALE	566	629	788	866	889	871	768	699	644	602	576	598	567	514	499	458
FEMALE	730	698	878	985	983	939	831	773	760	802	705	702	694	702	705	543
UNKNOWN														4	44	56
<b>Age Group</b>																
15-19	74	63	92	102	98	89	70	78	51	80	73	64	64	75	89	64
20-29	922	908	1182	1369	1355	1310	1193	1062	1031	974	907	917	934	845	819	719
30-39	233	260	277	256	284	273	219	226	216	217	184	214	157	185	176	130
40-59	63	89	112	116	130	130	109	99	96	129	112	98	96	102	107	72
60 and Over	4	7	3	6	4	5	3	5	3	3	3	3	9	9	13	16
Unknown	0	0	0	2	1	3	5	2	7	1	2	3	0	4	44	56
<b>Degree Sought</b>																
LOWER DIVISION CERTIFICATE	2	2	3	2	0	0	0	0	0	1	1	0	0	0	0	0
UPPER DIVISION CERTIFICATE	0	1	1	1	0	0	0	0	0	0	0	1	0	7	4	0
BACHELORS	1159	1161	1552	1695	1709	1663	1529	1419	1369	1351	1253	1237	1214	1174	1144	980
NON-DEGREE																
UNDERGRADUATE	135	163	110	153	163	147	70	53	35	52	27	62	47	35	56	21
UNKNOWN														4	44	56
<b>GPA</b>																
	2.60	2.61	2.66	2.64	2.53	2.49	2.55	2.58	2.60	2.67	2.61	2.68	2.65	2.68	2.73	2.62

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

\*UMCP provided estimates of the number of CCBC students attending its institution. Detailed information is not available for these students so they are reported in the unknown category.

**4-Year Maryland Public College/University Attended by CCBC Students After First Year of Transfer  
Fiscal Years 1988 - 2003**

**Table 2**

	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001*</b>	<b>2002*</b>	<b>2003*</b>
Bowie State University		3	4	2	4	6	5	10	5	6	6	5	4	10	8	9
Coppin State College	15	26	47	46	49	71	60	50	51	59	46	32	37	32	42	35
Frostburg State University	9	12	33	33	35	31	36	25	22	13	17	17	9	19	18	25
Morgan State University	1	21	31	23	21	28	34	35	30	39	36	33	46	27	58	41
Salisbury State University	26	29	37	52	54	41	45	45	29	34	35	29	35	34	33	30
St. Marys College of Maryland	6	14	7	3	8	9	7	9	5	11	2	2	5	1		1
Towson University	478	452	519	662	645	604	520	480	491	462	420	449	474	419	443	353
University of Baltimore	305	321	449	497	401	391	273	221	226	216	210	290	232	243	204	142
University of Maryland - College Park	99	81	96	112	127	116	109	104	106	100	96	80	56	75	55	68
University of Maryland - Baltimore City	29	24	25	19	32	25	24	36	39	75	33	34	29	27	50	26
University of Maryland - Baltimore County	322	317	381	362	412	422	427	429	359	329	317	295	299	273	266	265
University of Maryland - Eastern Shore	6	7	5	11	14	11	9	4	7	5	6	6	7	5	7	3
University of Maryland - University College		20	32	29	70	55	50	24	34	55	57	28	28	55	64	59
<b>Total</b>	<b>1296</b>	<b>1327</b>	<b>1666</b>	<b>1851</b>	<b>1872</b>	<b>1810</b>	<b>1599</b>	<b>1472</b>	<b>1404</b>	<b>1404</b>	<b>1281</b>	<b>1300</b>	<b>1261</b>	<b>1220</b>	<b>1248</b>	<b>1057</b>

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

\* UMCP provided estimates of the number of CCBC students attending its institution.

**Programs of Study at 4-Year Maryland Public College /University of CCBC Transfer Students After First Year of Transfer  
Fiscal Years 1988 - 2003**

**Table 3**

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*	2002*	2003*
Agriculture and Natural Resources	5	9	4	11	11	5	6	6	12	4	9	3	1	1	1	1
Architecture and Environmental Design	2	1	1	2			1	1					2	2		
Area Studies	5	2	8	5	7	3	5	8	4	6	2	1	5	3		2
Biological Sciences	37	42	38	32	56	67	75	82	75	54	61	56	41	38	46	50
Business and Management	354	351	456	518	435	394	320	263	271	250	244	278	244	219	212	193
Communications	39	33	62	74	59	57	59	67	48	54	54	57	61	54	45	40
Computer and Information Sciences	113	86	107	85	105	99	84	100	90	90	118	120	156	170	166	140
Education	88	78	126	151	180	150	137	117	140	153	109	110	112	103	102	88
Engineering	41	37	42	45	40	43	50	43	33	33	39	23	36	33	29	31
Fine and Applied Arts	26	40	54	47	54	61	59	44	44	50	59	46	34	30	37	22
Foreign Languages	3	6	7	4	7	8	4	5	5	9	3	6	7	3	4	3
Health Professions	102	98	115	100	124	109	155	161	150	151	98	87	79	79	117	67
Home Economics	11	4	7	7	9	4	1	2	6	3	6	2	5		3	2
Law	8	4	13	17	12	14	14	10	9	13	8	9	7	11	10	4
Letters	35	29	49	62	63	51	46	43	33	46	35	39	31	36	27	26
Library Science																
Mathematics	8	12	17	20	10	12	11	13	14	10	5	7	10	6	5	7
Military Sciences																
Physical Sciences	9	17	19	20	14	15	15	11	11	6	9	14	6	5	10	7
Psychology	49	50	78	95	86	79	86	78	85	84	64	62	85	68	61	63
Public Affairs and Services	40	50	76	94	75	82	72	103	80	68	73	66	58	59	60	47
Social Sciences	108	126	140	150	146	184	133	126	97	95	94	111	77	92	82	77
Theology																
Interdisciplinary Studies	42	55	86	88	104	115	100	62	72	93	82	68	54	78	43	35
Business and Commerce Technologies																
Data Processing Technologies																
Health Services and Paramedical Technologies																
Mechanical and Engineering Technologies																
Natural Science Technologies	2	2	3	2						1	1					
Public Service Related Technologies																
Directed Technology																
Undeclared, Undecided, or Unknown	169	195	158	222	275	258	166	127	125	131	108	135	150	130	188	152
<b>Total</b>	<b>1296</b>	<b>1327</b>	<b>1666</b>	<b>1851</b>	<b>1872</b>	<b>1810</b>	<b>1599</b>	<b>1472</b>	<b>1404</b>	<b>1404</b>	<b>1281</b>	<b>1300</b>	<b>1261</b>	<b>1219</b>	<b>1248</b>	<b>1057</b>

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

\*UMCP provided estimates of the number of CCBC students attending its institution. Detailed information is not available for these students so they are reported in the unknown category.

**1<sup>st</sup> Year GPA of CCBC Transfer Students at a 4-Year Maryland Public College/University  
Fiscal Years 1988 - 2003**

**Table 4a: All Students**

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*	2002*	2003*
Bowie State University	.	3.12	1.81	2.42	1.70	1.86	1.99	2.77	2.76	2.23	2.41	2.65	2.75	2.81	2.34	2.55
Coppin State College	2.47	2.52	2.64	2.79	2.79	2.42	2.74	2.86	2.75	2.96	2.88	3.09	2.91	2.40	2.55	2.61
Frostburg State University	2.44	2.61	2.42	2.55	2.48	1.95	2.41	2.70	2.32	2.19	2.74	2.80	3.12	2.99	3.03	2.47
Morgan State University	1.82	2.67	2.90	2.97	2.48	2.33	2.73	2.71	2.71	2.34	2.34	2.69	2.37	2.67	2.54	2.14
Salisbury State University	2.28	2.40	2.43	2.48	2.33	2.59	2.57	2.50	2.56	2.40	2.49	2.36	2.48	2.59	2.18	2.40
St. Marys College of Maryland	2.39	2.49	2.36	2.38	2.26	2.28	2.38	2.63	2.70	2.77	2.58	3.25	2.44	2.62	.	3.25
Towson University	2.43	2.45	2.59	2.51	2.44	2.50	2.48	2.50	2.49	2.46	2.55	2.51	2.51	2.72	2.80	2.77
University of Baltimore	2.71	2.64	2.81	2.79	2.70	2.61	2.71	2.83	2.83	3.09	2.69	2.95	2.87	2.82	2.99	2.89
University of Maryland - College Park	2.64	2.46	2.30	2.46	2.22	2.36	2.39	2.44	2.30	2.44	2.38	2.55	2.40	2.57	2.54	2.73
University of Maryland - Baltimore City	2.97	2.89	2.75	3.04	3.09	2.65	2.97	3.14	3.11	3.18	3.17	3.02	3.21	2.92	2.68	2.36
University of Maryland - Baltimore County	2.76	2.84	2.71	2.67	2.49	2.38	2.47	2.44	2.54	2.58	2.57	2.58	2.62	2.50	2.55	2.36
University of Maryland - Eastern Shore	2.52	3.00	2.48	2.90	2.90	2.63	3.23	2.91	2.17	3.29	2.50	3.14	3.12	2.50	2.49	3.43
University of Maryland - University College	.	2.79	2.64	2.97	3.00	3.21	2.97	3.16	3.30	3.46	3.18	3.32	3.71	2.79	2.83	2.68
<b>Total</b>	<b>2.60</b>	<b>2.61</b>	<b>2.66</b>	<b>2.64</b>	<b>2.53</b>	<b>2.49</b>	<b>2.55</b>	<b>2.58</b>	<b>2.60</b>	<b>2.67</b>	<b>2.61</b>	<b>2.68</b>	<b>2.65</b>	<b>2.68</b>	<b>2.73</b>	<b>2.62</b>

**Table 4b: African Americans**

	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*	2002*	2003*
Bowie State University	.	2.65	2.52	2.42	1.91	1.81	1.67	2.92	2.76	2.23	2.39	2.56	2.75	2.60	2.31	2.85
Coppin State College	1.95	2.35	2.38	2.81	2.71	2.39	2.67	2.85	2.71	2.89	2.72	3.01	2.86	2.34	2.53	2.57
Frostburg State University	.	.	2.38	2.65	2.13	2.02	2.46	.	2.13	2.59	3.57	2.78	.	1.86	2.30	2.55
Morgan State University	1.82	2.77	2.70	2.90	2.33	2.23	2.59	2.57	2.45	2.17	2.22	2.61	2.28	2.63	2.46	2.16
Salisbury State University	0.36	.	.	2.50	2.86	2.00	2.36	.	.	2.35	1.12	1.70	.	2.12	1.75	1.48
St. Marys College of Maryland	1.07	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Towson University	1.90	1.75	1.71	2.15	1.99	2.24	2.05	2.41	2.37	2.27	2.35	2.19	2.14	2.19	2.59	2.39
University of Baltimore	2.00	1.91	2.24	2.33	2.29	2.28	2.63	2.51	2.64	2.60	2.24	2.88	2.58	2.50	2.63	2.36
University of Maryland - College Park	2.02	2.66	2.52	2.10	1.55	2.09	1.78	2.45	1.99	2.45	2.12	0.78	2.60	2.04	1.35	1.45
University of Maryland - Baltimore City	2.60	2.18	2.39	.	.	1.32	2.30	2.72	2.16	2.99	3.04	2.95	2.68	2.63	2.67	2.42
University of Maryland - Baltimore County	2.34	2.44	2.31	2.16	2.07	2.15	2.10	1.66	2.29	2.45	2.50	2.00	2.20	2.25	2.36	2.16
University of Maryland - Eastern Shore	1.66	2.65	1.83	2.63	2.46	2.20	3.39	2.91	2.55	3.11	1.87	2.93	1.56	2.29	2.57	3.13
University of Maryland - University College	.	1.07	0.00	.	2.68	3.00	3.10	2.28	2.68	3.20	2.37	2.71	4.00	2.79	2.35	2.14
<b>Total</b>	<b>2.03</b>	<b>2.21</b>	<b>2.26</b>	<b>2.35</b>	<b>2.32</b>	<b>2.26</b>	<b>2.47</b>	<b>2.44</b>	<b>2.51</b>	<b>2.55</b>	<b>2.42</b>	<b>2.51</b>	<b>2.42</b>	<b>2.40</b>	<b>2.49</b>	<b>2.32</b>

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

GPA is the calculated mean of the GPA mean reported for each student. Students have earned different amounts of credit hours at the end of their first year of transfer.

Blank spaces indicate that there were no students in attendance at that particular institution.

\*GPA does not reflect total number of CCBC students attending UMCP.

**1<sup>st</sup> Year GPA of CCBC Transfer Students at a 4-Year Maryland Public College/University  
Fiscal Years 1988 - 2003**

**Table 4c: White**

	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001*</b>	<b>2002*</b>	<b>2003*</b>
Bowie State University	.	3.35	0.00	.	1.07	2.88	3.25	2.41	.	.	2.50	.	.	3.14	2.57	1.50
Coppin State College	3.39	3.20	3.51	2.54	3.09	3.48	3.24	2.90	3.50	3.66	3.67	3.46	3.46	2.37	1.89	.
Frostburg State University	2.44	2.60	2.42	2.54	2.50	1.94	2.39	2.70	2.33	2.01	2.75	2.75	3.12	3.11	3.21	2.44
Morgan State University	.	2.48	3.30	3.70	3.40	2.74	3.18	3.26	3.46	3.10	3.52	3.30	2.81	3.19	2.76	0.00
Salisbury State University	2.35	2.38	2.43	2.48	2.31	2.60	2.58	2.51	2.57	2.40	2.59	2.44	2.54	2.53	2.17	2.43
St. Marys College of Maryland	2.66	2.49	2.36	2.38	2.26	2.28	2.38	2.63	2.70	2.66	2.58	3.25	2.44	2.62	.	3.25
Towson University	2.46	2.50	2.63	2.55	2.47	2.51	2.50	2.51	2.51	2.45	2.60	2.58	2.57	2.76	2.87	2.81
University of Baltimore	2.79	2.74	2.87	2.84	2.79	2.69	2.75	2.93	2.87	3.22	2.79	3.03	3.02	2.93	3.22	3.21
University of Maryland - College Park	2.66	2.40	2.27	2.50	2.23	2.27	2.41	2.47	2.28	2.42	2.37	2.66	2.56	2.65	2.74	3.01
University of Maryland - Baltimore City	2.98	3.07	2.85	3.04	3.07	2.73	3.15	3.19	3.18	3.24	3.30	3.06	3.32	3.10	2.67	2.26
University of Maryland - Baltimore County	2.81	2.87	2.75	2.72	2.54	2.43	2.50	2.51	2.65	2.61	2.57	2.71	2.77	2.61	2.70	2.41
University of Maryland - Eastern Shore	3.37	3.05	3.45	3.38	3.06	2.99	3.07	.	1.22	4.00	2.82	3.57	3.46	3.14	.	3.58
University of Maryland - University College	.	3.00	2.84	3.08	3.00	3.22	3.02	3.26	3.53	3.51	3.27	3.57	3.70	2.75	3.16	2.88
<b>Total</b>	<b>2.65</b>	<b>2.66</b>	<b>2.71</b>	<b>2.67</b>	<b>2.57</b>	<b>2.54</b>	<b>2.57</b>	<b>2.61</b>	<b>2.64</b>	<b>2.69</b>	<b>2.67</b>	<b>2.75</b>	<b>2.75</b>	<b>2.76</b>	<b>2.88</b>	<b>2.73</b>

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

GPA is the calculated mean of the GPA mean reported for each student. Students have earned different amounts of credit hours at the end of their first year of transfer.

Blank spaces indicate that there were no students in attendance at that particular institution.

\* GPA does not reflect total number of CCBC students attending UMCP.

**Characteristics of CCBC Transfer Students at Maryland Public 4-Year Colleges/Universities Who Graduate with a 4-Year Degree  
1992 - 2002**

**Table 5**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*	2002*
<b>Ethnicity</b>											
AFRICAN AMERICAN	47	51	82	77	80	77	83	104	105	104	94
ASIAN	30	34	29	30	44	29	50	39	44	46	36
HISPANIC	5	5	7	9	5	7	15	12	16	11	14
NATIVE AMERICAN	5	4		4	2	7	11	4	6	5	4
WHITE	750	822	817	785	825	637	605	518	531	469	458
FOREIGN	17	10	19	14	21	9	11	23	19	23	21
UNKNOWN	4	1	3	10	9	9	17	7	23	24	22
ALL OTHER											
<b>Gender</b>											
MALE	403	391	441	435	464	356	321	307	308	268	234
FEMALE	455	536	516	494	522	419	471	400	436	414	415
<b>Age</b>											
15-19	37	53	54	52	55	30	36	32	38	37	36
20-29	698	724	729	716	780	603	597	551	566	525	499
30-39	90	95	116	114	99	105	112	84	96	80	81
40-59	30	53	56	45	48	36	45	39	40	38	32
60 and Over	2	2		1	1		1		1	2	1
Unknown	1		2	1	3	1	1	1	2		
<b>GPA</b>											
	3.06	3.05	3.04	3.08	3.06	3.09	3.10	3.08	3.14	3.11	3.19
<b>Total</b>	<b>858</b>	<b>927</b>	<b>957</b>	<b>929</b>	<b>986</b>	<b>775</b>	<b>792</b>	<b>707</b>	<b>743</b>	<b>682</b>	<b>649</b>

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

\*Does not include total number of CCBC students who transferred to UMCP during FY2001- FY2003 and may have graduated.

**Number of CCBC Transfer Students Who Graduate at each 4-Year Maryland Public College/University  
1992 - 2002**

**Table 6**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001*	2002*
Bowie State University	1	2		1	3	3	2	4	1	6	3
Coppin State College	14	15	18	23	15	16	22	19	26	16	14
Frostburg State University	17	22	20	23	17	17	12	9	14	8	12
Morgan State University	19	9	11	17	12	16	7	16	13	15	14
Salisbury State University	23	34	28	26	44	20	27	9	25	27	27
St. Marys College of Maryland	7	4	2	5	6	5	3	4	6	2	
Towson University	259	310	342	353	442	311	290	250	264	256	239
University of Baltimore	263	272	253	187	175	142	152	131	145	149	148
University of Maryland - College Park	43	53	73	59	61	50	55	61	52	38	29
University of Maryland - Baltimore City	26	32	24	30	27	40	45	42	32	27	26
University of Maryland - Baltimore County	174	157	171	178	169	144	164	150	155	121	128
University of Maryland - Eastern Shore	3	6	4	8	2	1	4	4	1	1	4
University of Maryland - University College	9	11	11	19	13	10	9	8	10	16	5
<b>Total</b>	<b>858</b>	<b>927</b>	<b>957</b>	<b>929</b>	<b>986</b>	<b>775</b>	<b>792</b>	<b>707</b>	<b>744</b>	<b>682</b>	<b>649</b>

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

\*Does not include total number of CCBC students who transferred to UMCP during FY2001 – FY2003 and may have graduated.

**Percent of CCBC Students Transferring in Fiscal Year 1998 to the Following Maryland Public 4-Year College/University Who Graduated with a 4-Year Degree within 5 Years of Transferring**

**Table 7**

<b>30-39%</b>	<b>40-49%</b>	<b>50-59%</b>	<b>60-69%</b>	<b>70% or more</b>
UMUC	UMBC Morgan Coppin	Bowie UMES UB UMCP* St. Mary's	Towson	UMB Salisbury Frostburg

Source: TSS Files 1992 - 2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

\* May not reflect total number of UMCP graduates.

**Percent of CCBC Transfer Students Earning a 4-Year Degree at a Maryland Public Four-Year College/ University 2 to 5 Years After Transfer**

**Table 8a: All Transfers**

<b>Entrant Year</b>	<b>2 Years</b>	<b>3 Years</b>	<b>4 Years</b>	<b>5 Years</b>	<b>Total</b>
1988	16%	17%	10%	5%	48%
1989	17%	17%	9%	3%	46%
1990	17%	21%	12%	4%	54%
1991	18%	21%	10%	4%	53%
1992	16%	22%	10%	3%	51%
1993	16%	22%	11%	3%	52%
1994	16%	26%	9%	2%	53%
1995	21%	20%	10%	3%	54%
1996	20%	22%	9%	3%	54%
1997	22%	21%	11%	3%	57%
1998	19%	22%	11%	2%	54%
1999	21%	21%	9%		
2000	18%	22%			
2001	20%				

**Table 8b: African American Transfers**

<b>Entrant Year</b>	<b>2 Years</b>	<b>3 Years</b>	<b>4 Years</b>	<b>5 Years</b>	<b>Total</b>
1988	9%	15%	8%	1%	33%
1989	10%	8%	9%	1%	28%
1990	7%	15%	10%	7%	39%
1991	7%	13%	10%	4%	34%
1992	9%	17%	10%	4%	40%
1993	13%	16%	11%	4%	44%
1994	8%	14%	8%	4%	34%
1995	13%	17%	12%	1%	43%
1996	10%	15%	15%	5%	45%
1997	10%	18%	13%	5%	46%
1998	14%	17%	15%	3%	49%
1999	15%	19%	11%		
2000	9%	15%			
2001	11%				

**Table 8c: White Transfers**

<b>Entrant Year</b>	<b>2 Years</b>	<b>3 Years</b>	<b>4 Years</b>	<b>5 Years</b>	<b>Total</b>
1988	17%	17%	10%	6%	50%
1989	18%	18%	9%	3%	48%
1990	18%	21%	12%	4%	55%
1991	19%	22%	11%	5%	57%
1992	17%	23%	11%	3%	54%
1993	16%	23%	11%	3%	53%
1994	16%	28%	9%	1%	54%
1995	23%	21%	9%	3%	56%
1996	22%	24%	8%	3%	57%
1997	24%	21%	10%	3%	58%
1998	20%	22%	11%	2%	55%
1999	22%	22%	9%		
2000	18%	24%			
2001	22%				

Source: TSS Files 1992-2003

Note: Transfer data is provided by MHEC through the Transfer Student System and includes transfer students who earned at least 12 credits at CCBC prior to transfer.

## Sources

MHEC (2004). Performance of Community College Transfer Students at Maryland Public Four-Year Colleges and Universities. Maryland Higher Education Commission.

MHEC (2004). Retention, Graduation, and Transfer Rates at Community Colleges. Maryland Higher Education Commission.

Tschechtelin, J. T. (2004). College Student Transfer in Maryland. Maryland Association of Community Colleges.

## **Appendix**

## **Description of the Transfer Student System (TSS) File**

The Transfer Student System (TSS) is data provided by the Maryland Higher Education Commission (MHEC) on students who transfer from a Maryland community college to a 4-year Maryland public 4-year institution. The TSS does not provide data on students transferring to a Maryland private or independent institution, or any out-of-state institutions. Therefore the data from the TSS is an underestimate of the total number of students transferring from CCBC. Data from the MHEC Community College Graduate Follow Up survey indicates that approximately 15% of the 1996, 1998, and 2000 graduates transfer to an out-of-state institution (Tschechtelin, 2004).

Transfer students are defined as students transferring to a 4-year Maryland public institution who earned at least 12 credit hours at a Maryland community college. Data on each transfer student is collected over a 5-year period regardless of enrollment status. Each Maryland 4-year public institution is responsible for collecting information on students transferring to their school and providing this data to MHEC. If a student transfers to another 4-year college within the five years, they are collected for an additional 5 years beginning with the year of that second transfer. The TSS file shows that some of these students keep their initial transfer year, while others are assigned a different transfer year that reflects the year of the second transfer. Some students transfer several times between 4-year colleges and therefore appear in the TSS system for 10 to 15 years and may have up to 3 different transfer years. This may play a role in how students are counted depending on how the TSS file is processed. The data in this report was processed to only reflect the student's initial year of transfer regardless of the number of times they transfer between 4-year colleges.

The TSS file is annually made available to colleges through MHEC. The file contains transfer student's entrant year, demographic information, degree sought at the 4-year institution, program of study at the 4-year institution, current credit hours completed at the 4-year institution, GPA, and bachelor's graduation year. The following descriptions of the tables included in this report provide more detailed information about the data elements.

### Table 1

Table 1 provides a profile of CCBC transfer students at the end of their initial year of transfer. The GPA reported is the mean GPA earned by students at the end of their first year. It should be noted that students earned different amounts of credit hours by the end of their first year of transfer. Some students may take 1 course while others take a full load.

### Table 2

Table 2 provides the number of CCBC transfers at each public 4-year college or university in Maryland. This table captures the 1<sup>st</sup> 4-year school attended by the transfer student. Approximately 2% of transfer students cross-enroll over the 5-year collection period, meaning that they earn credit hours at more than one 4-year institution.

### Table 3

Table 3 displays the program area of CCBC transfer students at the end of their 1<sup>st</sup> transfer year. Program areas are classified according to the MHEC Program Taxonomy at the 4-year institution.

### Tables 4 a – 4b

Table's 4a-4b lists the mean GPA for transfer students at the end of their 1<sup>st</sup> year at the 4-year college or university.

### Tables 5 –6

Table 5 and Table 6 provide a profile of transfer graduates and the 4-year school of graduation respectively. This data is based on the last year of collected information for each student.

### Table 7

Table 7 shows the percentage of CCBC students graduated by each college based on the number of students who entered their institution in 1998.

### Tables 8a – 8c

Tables 8a – 8c provide the graduation rate within 2, 3, 4, and 5 years of transferring. Students transfer different numbers of credit hours to 4-year institutions. The amount of time it takes a transfer student to graduate is largely dependent upon how many credit hours were transferred from the community college. Some may transfer as little as 12 credit hours, while others

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may transfer up to 60 credit hours. The TSS does not collect information on the number of hours each student transfer to the 4-year institution.