



# **ENROLLMENT PROJECTIONS**

**2010 – 2019**

**MARYLAND PUBLIC COLLEGES AND UNIVERSITIES**

**June 2010**

**MARYLAND HIGHER EDUCATION COMMISSION**

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## **ENROLLMENT PROJECTIONS - MARYLAND PUBLIC COLLEGES AND UNIVERSITIES**

**The Maryland Higher Education Commission has prepared enrollment projections for the public colleges and universities in the State through the year 2019. This report includes headcount projections for each higher education institution, with separate analyses for full- and part-time undergraduates and, as applicable, full- and part-time graduate/professional students. Full-time equivalent (FTE) and full-time day equivalent (FTDE) projections were calculated by applying a mathematical formula to the headcount figures. Projections also have been developed for state-eligible FTE noncredit continuing education enrollments at the community colleges.**

**These projections provide perspective to higher education policy discussions at the state level, including facilities planning, tuition and fees issues, articulation, funding priorities, and retention and graduation rates. The Department of Budget and Management and the General Assembly treat the Commission's analyses as the State's official enrollment projections.**

**The Commission used separate, but similar, methodologies for projecting credit enrollments at the community colleges and public four-year institutions. A third method was applied to produce the projections of noncredit continuing education enrollments at the community colleges. All three models involve the application of a linear regression analysis. The enrollment projections model does not account for new policy decisions or unexpected occurrences that are difficult to quantify.**

**Last year, the Commission's forecast of 283,666 students was 95.1 percent accurate. This is the fifth report in which it is possible to assess the performance of the projection model over a 10-year period. The projections that the Commission made in 2000 for the 2009-2010 academic proved to be too conservative. However, with an overall accuracy rate of 86.8 percent, the long-term projections still achieved a relatively high degree of precision. The variance in the 10-year trend at the public four-year institutions can be explained, in large part, by the much stronger than expected growth at University of Maryland, University College. A description of the methodology is appended to this report.**

### Assumptions of the Projection Models

- *Credit enrollments* among Maryland residents can be predicted by applying the historical relationship between the state's population and past in-state enrollments to future population projections.
- The ratio of in-state to out-of-state students in Maryland will be relatively constant over time.
- The number of full-time undergraduates at both the community colleges and public four-year campuses will be affected by the trends in high school graduates.
- The number of full-time undergraduates at public four-year campuses will be influenced by the number of full-time students enrolling at the state's community colleges.
- Tuition increases will have an impact on full- and part-time community college enrollments.
- The number of part-time undergraduates at both the community colleges and public four-year campuses will be impacted by changes in the per capita disposable income, in constant dollars, of Maryland residents.
- *Noncredit continuing education enrollments* at community colleges can be forecasted by applying the historical relationship between the adult population 20 years of age or older in the county or service area of each two-year institution and past noncredit enrollments at each campus to future population

~~Projections~~ were distributed among the community colleges chiefly on the basis of the recent market share, growth rate of each institution, and the anticipated change in the college-age population in each campus' county or counties. The predicted number of students for the four-year campuses was determined largely by an

examination of institution-provided projections, although the recent market share and growth rate of each campus also were factors.

### **Highlights of the Enrollment Projections**

These are the major features of the projections:

- **Total headcount enrollment at Maryland public colleges and universities is projected to increase by 20 percent (59,430 students) between 2009 and 2019. In 2009, full-time students comprised a slight majority (51.8 percent) of those enrolled at Maryland public campuses. By 2019, full-time (50.6 percent) and part-time (49.4 percent) students are expected to comprise nearly equal proportions of the student population. Total enrollments are expected to grow by 21 percent (29,955) at the community colleges and by 19 percent (29,475) at the public four-year campuses.**
- **There will be a marked difference between the growth rates of full-time and part-time undergraduates attending community colleges and public four-year institutions over the next 10 years. At the two-year colleges, full-time students are projected to increase by 28 percent while part-time enrollments are expected to increase by 17 percent. Conversely, at the public four-year campuses, full-time undergraduates are anticipated to increase by just 12 percent while part-time undergraduate enrollments are estimated to rise by 34 percent.**
- **Full-time graduate and professional enrollment is projected to increase by 10 percent by 2019, and part-time graduate and professional enrollment is predicted to rise by 28 percent.**
- **FTE and FTDE enrollments at the community colleges are expected to rise by 24 percent, up from 18 percent in last year's long-term projections. FTE and FTDE figures are predicted to grow by 15 and 12 percent, respectively, at the public four-year institutions.**

- **Of the anticipated additional students at Maryland public campuses by 2019, 84.5 percent will be undergraduates, and 42.6 percent of these students will be part-time undergraduates.**
- **State-funded noncredit FTE continuing education enrollments at the community colleges are projected to rise by 11 percent to 27,839 during the 10-year period. This is comparable to the 10 percent increase predicted for 2009-2018.**

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**Projections of Headcount Enrollment at Maryland Community Colleges**

		FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 09-19
<b>Allegany College of Md.</b>													
	Full-time	2,309	2,385	2,403	2,445	2,474	2,498	2,562	2,620	2,661	2,699	2,727	18%
	Part-time	1,776	1,839	1,879	1,890	1,911	1,936	1,973	1,994	2,030	2,077	2,096	18%
	<b>Total Headcount</b>	<b>4,085</b>	<b>4,224</b>	<b>4,282</b>	<b>4,335</b>	<b>4,385</b>	<b>4,434</b>	<b>4,535</b>	<b>4,614</b>	<b>4,691</b>	<b>4,776</b>	<b>4,823</b>	<b>18%</b>
<b>Anne Arundel CC</b>													
	Full-time	5,957	6,311	6,442	6,481	6,621	6,720	6,875	7,090	7,201	7,326	7,525	26%
	Part-time	10,784	11,085	11,299	11,398	11,499	11,610	11,722	11,836	11,904	11,987	12,088	12%
	<b>Total Headcount</b>	<b>16,741</b>	<b>17,396</b>	<b>17,741</b>	<b>17,879</b>	<b>18,120</b>	<b>18,330</b>	<b>18,597</b>	<b>18,926</b>	<b>19,105</b>	<b>19,313</b>	<b>19,613</b>	<b>17%</b>
<b>Baltimore City CC</b>													
	Full-time	2,795	2,967	3,049	3,110	3,199	3,285	3,391	3,519	3,545	3,721	3,813	36%
	Part-time	4,158	4,336	4,462	4,542	4,628	4,724	4,821	4,931	5,052	5,176	5,266	27%
	<b>Total Headcount</b>	<b>6,953</b>	<b>7,303</b>	<b>7,511</b>	<b>7,652</b>	<b>7,827</b>	<b>8,009</b>	<b>8,212</b>	<b>8,450</b>	<b>8,597</b>	<b>8,897</b>	<b>9,079</b>	<b>31%</b>
<b>Carroll CC</b>													
	Full-time	1,730	1,773	1,849	1,894	1,954	1,992	2,039	2,105	2,118	2,158	2,220	28%
	Part-time	2,183	2,254	2,295	2,323	2,342	2,367	2,405	2,423	2,473	2,512	2,564	17%
	<b>Total Headcount</b>	<b>3,913</b>	<b>4,027</b>	<b>4,144</b>	<b>4,217</b>	<b>4,296</b>	<b>4,359</b>	<b>4,444</b>	<b>4,528</b>	<b>4,591</b>	<b>4,670</b>	<b>4,784</b>	<b>22%</b>
<b>CCBC</b>													
	Full-time	8,558	9,140	9,404	9,674	9,944	10,214	10,484	10,754	11,024	11,294	11,564	35%
	Part-time	15,026	15,473	15,754	16,035	16,316	16,597	16,878	17,159	17,440	17,721	18,002	20%
	<b>Total Headcount</b>	<b>23,584</b>	<b>24,613</b>	<b>25,158</b>	<b>25,709</b>	<b>26,260</b>	<b>26,811</b>	<b>27,362</b>	<b>27,913</b>	<b>28,464</b>	<b>29,015</b>	<b>29,566</b>	<b>25%</b>
<b>Cecil CC</b>													
	Full-time	874	930	947	960	983	1,005	1,032	1,068	1,094	1,117	1,147	31%
	Part-time	1,514	1,570	1,597	1,608	1,619	1,626	1,650	1,661	1,681	1,706	1,716	13%
	<b>Total Headcount</b>	<b>2,388</b>	<b>2,500</b>	<b>2,544</b>	<b>2,568</b>	<b>2,602</b>	<b>2,631</b>	<b>2,682</b>	<b>2,729</b>	<b>2,775</b>	<b>2,823</b>	<b>2,863</b>	<b>20%</b>

**Projections of Headcount Enrollment at Maryland Community Colleges**

	FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 09-19
<b>Chesapeake CC</b>												
Full-time	1,106	1,180	1,212	1,218	1,246	1,273	1,306	1,351	1,364	1,392	1,442	30%
Part-time	1,750	1,804	1,834	1,856	1,889	1,915	1,952	1,983	2,020	2,068	2,106	20%
Total Headcount	2,856	2,984	3,046	3,074	3,135	3,188	3,258	3,334	3,384	3,460	3,548	24%
<b>Frederick CC</b>												
Full-time	2,359	2,533	2,591	2,658	2,726	2,794	2,862	2,930	3,008	3,076	3,144	33%
Part-time	3,874	4,001	4,084	4,167	4,250	4,333	4,414	4,497	4,580	4,663	4,746	23%
Total Headcount	6,233	6,534	6,675	6,825	6,976	7,127	7,276	7,427	7,588	7,739	7,890	27%
<b>Garrett</b>												
Full-time	653	692	709	715	725	726	741	758	776	783	791	21%
Part-time	244	255	264	268	274	281	288	298	305	320	324	33%
Total Headcount	897	947	973	983	999	1,007	1,029	1,056	1,081	1,103	1,115	24%
<b>Hagerstown CC</b>												
Full-time	1,541	1,641	1,695	1,724	1,770	1,809	1,856	1,930	2,002	2,068	2,104	37%
Part-time	2,911	3,020	3,095	3,134	3,179	3,232	3,302	3,347	3,417	3,510	3,559	22%
Total Headcount	4,452	4,661	4,790	4,858	4,949	5,041	5,158	5,277	5,419	5,578	5,663	27%
<b>Harford CC</b>												
Full-time	2,973	3,155	3,236	3,299	3,372	3,439	3,525	3,641	3,710	3,782	3,851	30%
Part-time	3,683	3,815	3,912	3,964	4,024	4,072	4,143	4,202	4,257	4,380	4,434	20%
Total Headcount	6,656	6,970	7,148	7,263	7,396	7,511	7,668	7,843	7,967	8,162	8,285	24%



**Projections of Headcount Enrollment at Maryland Community Colleges**

	FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 09-19
<b>Howard CC</b>												
Full-time	3,443	3,711	3,846	3,936	4,044	4,170	4,296	4,401	4,454	4,439	4,554	32%
Part-time	5,335	5,581	5,729	5,864	5,956	6,180	6,238	6,299	6,346	6,461	6,598	24%
Total Headcount	8,778	9,292	9,575	9,800	10,000	10,350	10,534	10,700	10,800	10,900	11,152	27%
<b>Montgomery</b>												
Full-time	10,379	11,023	11,249	11,296	11,425	11,443	11,670	12,051	12,227	12,306	12,441	20%
Part-time	15,768	16,163	16,415	16,519	16,580	16,648	16,730	16,836	16,869	16,876	16,904	7%
Total Headcount	26,147	27,186	27,664	27,815	28,005	28,091	28,400	28,887	29,096	29,182	29,345	12%
<b>Prince George's CC</b>												
Full-time	4,405	4,538	4,674	4,815	4,887	4,961	5,035	5,111	5,188	5,266	5,345	21%
Part-time	9,280	9,558	9,845	10,140	10,292	10,446	10,603	10,762	10,923	11,087	11,253	21%
Total Headcount	13,685	14,096	14,519	14,955	15,179	15,407	15,638	15,873	16,111	16,353	16,598	21%
<b>SoMd</b>												
Full-time	3,595	3,863	3,961	3,959	4,049	4,133	4,238	4,380	4,455	4,544	4,665	30%
Part-time	5,215	5,400	5,526	5,548	5,579	5,623	5,699	5,760	5,815	5,855	5,913	13%
Total Headcount	8,810	9,263	9,487	9,507	9,628	9,756	9,937	10,140	10,270	10,399	10,578	20%
<b>Wor-Wic CC</b>												
Full-time	1,290	1,375	1,426	1,454	1,503	1,506	1,522	1,614	1,667	1,700	1,737	35%
Part-time	2,755	2,879	2,973	3,049	3,125	3,199	3,239	3,330	3,398	3,496	3,539	28%
Total Headcount	4,045	4,254	4,399	4,503	4,628	4,705	4,761	4,944	5,065	5,196	5,276	30%
<b>Total Community Colleges</b>												
Full-time	53,967	57,217	58,693	59,638	60,922	61,968	63,434	65,323	66,494	67,671	69,070	28%
Part-time	86,256	89,033	90,963	92,305	93,463	94,789	96,057	97,318	98,510	99,895	101,108	17%
Total Headcount	140,223	146,250	149,656	151,943	154,385	156,757	159,491	162,641	165,004	167,566	170,178	21%

## Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 10-19
<b>Allegany College of Md.</b>											
FTES	2,801	2,830	2,873	2,906	2,937	3,008	3,069	3,118	3,168	3,200	18%
FTDES	1,820									2,079	14%
<b>Anne Arundel CC</b>											
FTES	10,874	11,094	11,172	11,361	11,509	11,718	11,993	12,138	12,304	12,557	21%
FTDES	7,116									8,218	15%
<b>Baltimore City CC</b>											
FTES	4,977	5,117	5,216	5,348	5,481	5,637	5,823	5,898	6,143	6,281	33%
FTDES	2,232									2,816	26%
<b>Carroll CC</b>											
FTES	2,660	2,755	2,812	2,882	2,931	2,994	3,070	3,101	3,157	3,240	25%
FTDES	1,827									2,226	22%
<b>CCBC</b>											
FTES	15,353	15,737	16,128	16,518	16,909	17,299	17,690	18,080	18,471	18,861	29%
FTDES	9,564									11,749	23%
<b>Catonsville</b>											
FTDES	4,017									4,935	23%
<b>Dundalk</b>											
FTDES	1,435									1,762	23%
<b>Essex</b>											
FTDES	4,017									4,935	23%
<b>Cecil CC</b>											
FTES	1,646	1,676	1,695	1,725	1,753	1,792	1,837	1,874	1,910	1,947	25%
FTDES	1,007									1,191	18%
<b>Chesapeake</b>											
FTES	1,806	1,849	1,863	1,902	1,938	1,984	2,040	2,066	2,111	2,174	27%
FTDES	1,024									1,232	20%

## Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 10-19
<b>Frederick CC</b>											
FTES	4,423	4,521	4,629	4,739	4,848	4,957	5,066	5,187	5,297	5,406	29%
FTDES	2,471									3,020	22%
<b>Garrett CC</b>											
FTES	7,76	7,96	8,03	8,15	8,19	8,36	8,56	8,77	8,89	8,98	23%
FTDES	5,24									6,06	16%
<b>Hagerstown CC</b>											
FTES	3,089	3,181	3,230	3,302	3,368	3,450	3,554	3,665	3,778	3,839	31%
FTDES	1,808									2,247	24%
<b>Harford CC</b>											
FTES	4,453	4,567	4,648	4,742	4,825	4,935	5,072	5,160	5,273	5,361	27%
FTDES	3,273									3,940	20%
<b>Howard CC</b>											
FTES	5,891	6,086	6,229	6,375	6,587	6,741	6,874	6,946	6,971	7,141	29%
FTDES	4,057									4,918	21%
<b>Montgomery</b>											
FTES	18,430	18,778	18,870	19,037	19,083	19,369	19,836	20,046	20,137	20,300	10%
FTDES	12,997									14,316	10%
<b>Rockville</b>											
FTDES	7,277									7,954	9%
<b>Takoma Park</b>											
FTDES	2,989									3,283	20%
<b>Germantown</b>											
FTDES	2,731									3,079	17%

### Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Community Colleges

	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 10-19
<b>Prince George's CC</b>											
FTES	9,026	9,297	9,577	9,720	9,867	10,014	10,165	10,318	10,473	10,630	21%
FTDES	5,210									6,136	18%
<b>So. Md</b>											
FTES	5,507	5,643	5,648	5,746	5,842	5,969	6,127	6,217	6,317	6,453	24%
FTDES	3,338									3,911	17%
<b>LaPlata/Waldorf</b>											
FTDES	2103									2,464	17%
<b>Prince Frederick</b>											
FTDES	668									782	17%
<b>Leonardtown</b>											
FTDES	567									665	17%
<b>Wor-Wic CC</b>											
FTES	2,678	2,772	2,833	2,919	2,950	2,984	3,124	3,211	3,286	3,345	32%
FTDES	1,707									2,132	25%
<b>Total Community Colleges</b>											
FTES	94390	96699	98226	100037	101647	103687	106196	107902	109685	111,633	24%
FTDES	59975									70,737	18%

**PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS  
MARYLAND COMMUNITY COLLEGES  
FISCAL YEARS 2010 - 2019**

College	FY09 actual	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	Percent Change FY09- FY19
Allegany	631	657	654	672	690	708	728	749	770	790	811	29%
Anne Arundel	4,084	4,148	4,184	4,220	4,257	4,274	4,291	4,308	4,325	4,342	4,375	7%
Baltimore City	2,177	2,200	2,196	2,193	2,189	2,192	2,195	2,197	2,200	2,203	2,205	1%
Baltimore County	4,568	4,558	4,548	4,537	4,526	4,503	4,480	4,457	4,434	4,411	4,387	-4%
Carroll	656	664	683	701	720	735	750	765	780	795	812	24%
Cecil	550	559	573	587	601	612	623	634	645	656	674	23%
Chesapeake	885	905	917	929	941	952	964	976	987	999	1,012	14%
Frederick	318	343	370	400	432	467	504	544	588	635	686	116%
Garrett	141	149	152	155	163	167	171	175	179	183	187	33%
Hagerstown	836	844	854	864	874	884	895	905	916	926	940	12%
Harford	1,140	1,166	1,186	1,206	1,226	1,240	1,254	1,268	1,282	1,296	1,314	15%
Howard	1,437	1,457	1,476	1,489	1,502	1,510	1,524	1,535	1,558	1,581	1,605	12%
Montgomery	2,676	2,759	2,818	2,877	2,936	2,982	3,029	3,075	3,121	3,167	3,226	21%
Prince George's	3,813	3,822	3,863	3,904	3,944	3,972	4,000	4,028	4,056	4,084	4,110	8%
Southern Maryland	566	587	613	649	664	692	711	724	727	731	739	31%
Wor-Wic	660	675	693	701	709	717	725	733	741	749	756	15%
SYSTEMWIDE	25,138	25,493	25,780	26,084	26,374	26,607	26,844	27,073	27,309	27,548	27,839	11%

**Projections of Headcount Enrollment at Maryland Public Four-Year Institutions**

		FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 17 Projected	% Change 09-19
<b>Bowie</b>													
Undergraduate													
	Full-time	3,710	3,786	3,826	3,867	3,911	3,948	3,976	4,019	4,056	4,103	4,144	12%
	Part-time	690	713	744	760	776	791	807	817	825	834	843	22%
Total Undergraduate		4,400	4,499	4,570	4,627	4,687	4,739	4,783	4,836	4,881	4,937	4,987	13%
Graduate													
	Full-time	401	409	416	424	430	434	439	444	449	454	459	14%
	Part-time	816	831	856	869	882	899	912	917	926	935	939	15%
Total Graduate		1,217	1,240	1,272	1,293	1,312	1,333	1,351	1,361	1,375	1,389	1,398	15%
<b>Total Headcount</b>		5,617	5,739	5,842	5,920	5,999	6,072	6,134	6,197	6,256	6,326	6,385	14%
<b>Coppin</b>													
Undergraduate													
	Full-time	2,575	2,628	2,657	2,686	2,717	2,744	2,764	2,795	2,821	2,854	2,883	12%
	Part-time	726	749	780	796	811	827	842	850	858	866	873	20%
Total Undergraduate		3,301	3,377	3,437	3,482	3,528	3,571	3,606	3,645	3,679	3,720	3,756	14%
Graduate													
	Full-time	142	144	146	148	150	151	152	153	154	155	156	10%
	Part-time	358	364	375	381	386	394	399	401	405	408	410	15%
Total Graduate		500	508	521	529	536	545	551	554	559	563	566	13%
<b>Total Headcount</b>		3,801	3,885	3,958	4,011	4,064	4,116	4,157	4,199	4,238	4,283	4,322	14%
<b>Frostburg</b>													
Undergraduate													
	Full-time	4,439	4,535	4,588	4,643	4,701	4,751	4,790	4,848	4,898	4,960	5,016	13%
	Part-time	316	327	341	349	356	364	371	376	380	384	389	23%
Total Undergraduate		4,755	4,862	4,929	4,992	5,057	5,115	5,161	5,224	5,278	5,344	5,405	14%
Graduate													
	Full-time	243	248	251	256	258	261	263	266	268	271	273	12%
	Part-time	387	394	407	414	420	429	436	439	443	448	451	17%
Total Graduate		630	642	658	670	678	690	699	705	711	719	724	15%
<b>Total Headcount</b>		5,385	5,504	5,587	5,662	5,735	5,805	5,860	5,929	5,989	6,063	6,129	14%

**Projections of Headcount Enrollment at Maryland Public Four-Year Institutions**

		FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 17 Projected	% Change 09-19
<b>Salisbury</b>													
Undergraduate													
	Full-time	6,954	7,109	7,223	7,327	7,437	7,535	7,617	7,727	7,827	7,944	8,053	16%
	Part-time	603	623	649	663	676	690	703	711	718	725	732	21%
Total Undergraduate		7,557	7,732	7,872	7,990	8,113	8,225	8,320	8,438	8,545	8,669	8,785	16%
Graduate													
	Full-time	257	262	266	271	274	277	279	282	285	288	291	13%
	Part-time	390	398	410	417	424	433	440	443	448	453	456	17%
Total Graduate		647	660	676	688	698	710	719	725	733	741	747	15%
<b>Total Headcount</b>		8,204	8,392	8,548	8,678	8,811	8,935	9,039	9,163	9,278	9,410	9,532	16%
<b>Towson</b>													
Undergraduate													
	Full-time	15,281	15,619	15,808	16,005	16,212	16,394	16,537	16,744	16,926	17,147	17,348	14%
	Part-time	1,867	1,920	1,993	2,025	2,057	2,088	2,119	2,132	2,145	2,156	2,167	16%
Total Undergraduate		17,148	17,539	17,801	18,030	18,269	18,482	18,656	18,876	19,071	19,303	19,515	14%
Graduate													
	Full-time	1,261	1,295	1,325	1,360	1,386	1,409	1,435	1,461	1,485	1,511	1,538	22%
	Part-time	2,768	2,814	2,897	2,936	2,976	3,031	3,070	3,082	3,108	3,134	3,147	14%
Total Graduate		4,029	4,109	4,222	4,296	4,362	4,440	4,505	4,543	4,593	4,645	4,685	16%
<b>Total Headcount</b>		21,177	21,648	22,023	22,326	22,631	22,922	23,161	23,419	23,664	23,948	24,200	14%
<b>University of Baltimore</b>													
Undergraduate													
	Full-time	1,768	1,810	1,835	1,861	1,888	1,913	1,933	1,960	1,985	2,014	2,041	15%
	Part-time	1,236	1,277	1,332	1,361	1,389	1,417	1,445	1,462	1,478	1,493	1,508	22%
Total Undergraduate		3,004	3,087	3,167	3,222	3,277	3,330	3,378	3,422	3,463	3,507	3,549	18%
Graduate													
	Full-time	1,519	1,541	1,558	1,581	1,591	1,599	1,608	1,618	1,626	1,634	1,644	8%
	Part-time	1,742	1,782	1,845	1,881	1,918	1,965	2,002	2,022	2,051	2,080	2,101	21%
Total Graduate		3,261	3,323	3,403	3,462	3,509	3,564	3,610	3,640	3,677	3,714	3,745	15%
<b>Total Headcount</b>		6,265	6,410	6,570	6,684	6,786	6,894	6,988	7,062	7,140	7,221	7,294	16%

**Projections of Headcount Enrollment at Maryland Public Four-Year Institutions**

		FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 17 Projected	% Change 09-19
<b>UMB</b>													
Undergraduate													
	Full-time	547	558	565	571	578	583	588	595	600	607	614	12%
	Part-time	297	307	320	327	334	341	348	352	356	359	363	22%
Total Undergraduate		844	865	885	898	912	924	936	947	956	966	977	16%
Graduate													
	Full-time	4,341	4,416	4,476	4,552	4,593	4,627	4,665	4,705	4,740	4,776	4,816	11%
	Part-time	1,197	1,225	1,269	1,295	1,321	1,354	1,380	1,395	1,416	1,437	1,452	21%
Total Graduate		5,538	5,641	5,745	5,847	5,914	5,981	6,045	6,100	6,156	6,213	6,268	13%
<b>Total Headcount</b>		6,382	6,506	6,630	6,745	6,826	6,905	6,981	7,047	7,112	7,179	7,245	14%
<b>UMBC</b>													
Undergraduate													
	Full-time	8,614	8,803	8,908	9,017	9,132	9,233	9,312	9,427	9,528	9,650	9,761	13%
	Part-time	1,333	1,372	1,424	1,448	1,472	1,495	1,518	1,528	1,538	1,547	1,556	17%
Total Undergraduate		9,947	10,175	10,332	10,465	10,604	10,728	10,830	10,955	11,066	11,197	11,317	14%
Graduate													
	Full-time	1,042	1,060	1,074	1,092	1,102	1,110	1,119	1,128	1,136	1,145	1,154	11%
	Part-time	1,881	1,925	1,994	2,034	2,075	2,127	2,169	2,191	2,224	2,257	2,280	21%
Total Graduate		2,923	2,985	3,068	3,126	3,177	3,237	3,288	3,319	3,360	3,402	3,434	17%
<b>Total Headcount</b>		12,870	13,160	13,400	13,591	13,781	13,965	14,118	14,274	14,426	14,599	14,751	15%
<b>UMCP</b>													
Undergraduate													
	Full-time	24,617	25,026	25,188	25,361	25,550	25,694	25,776	25,958	26,096	26,292	26,454	7%
	Part-time	1,925	1,980	2,056	2,090	2,123	2,156	2,188	2,203	2,216	2,229	2,241	16%
Total Undergraduate		26,542	27,006	27,244	27,451	27,673	27,850	27,964	28,161	28,312	28,521	28,695	8%
Graduate													
	Full-time	7,062	7,144	7,205	7,287	7,309	7,326	7,346	7,369	7,383	7,397	7,420	5%
	Part-time	3,591	3,654	3,764	3,817	3,871	3,946	4,003	4,019	4,057	4,095	4,115	15%
Total Graduate		10,653	10,798	10,969	11,104	11,180	11,272	11,349	11,388	11,440	11,492	11,535	8%
<b>Total Headcount</b>		37,195	37,804	38,213	38,555	38,853	39,122	39,313	39,549	39,752	40,013	40,230	8%



**Projections of Headcount Enrollment at Maryland Public Four-Year Institutions**

		FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 17 Projected	% Change 09-19
<b>UMES</b>													
Undergraduate													
	Full-time	3,605	3,684	3,727	3,773	3,821	3,862	3,895	3,943	3,985	4,036	4,082	13%
	Part-time	317	327	341	348	355	362	369	373	377	380	384	21%
Total Undergraduate		3,922	4,011	4,068	4,121	4,176	4,224	4,264	4,316	4,362	4,416	4,466	14%
Graduate													
	Full-time	224	228	231	236	238	240	242	245	247	249	251	12%
	Part-time	287	293	303	309	314	321	327	330	334	338	341	19%
Total Graduate		511	521	534	545	552	561	569	575	581	587	592	16%
<b>Total Headcount</b>		4,433	4,532	4,602	4,666	4,728	4,785	4,833	4,891	4,943	5,003	5,058	14%
<b>UMUC</b>													
Undergraduate													
	Full-time	3,408	3,485	3,528	3,573	3,621	3,662	3,696	3,743	3,785	3,836	3,882	14%
	Part-time	20,876	21,887	23,157	23,989	24,843	25,706	26,593	27,283	27,977	28,675	29,375	41%
Total Undergraduate		24,284	25,372	26,685	27,562	28,464	29,368	30,289	31,026	31,762	32,511	33,257	37%
Graduate													
	Full-time	270	275	278	283	286	288	290	293	295	297	300	11%
	Part-time	12,793	13,278	13,949	14,433	14,931	15,522	16,052	16,447	16,931	17,426	17,859	40%
Total Graduate		13,063	13,553	14,227	14,716	15,217	15,810	16,342	16,740	17,226	17,723	18,159	39%
<b>Total Headcount</b>		37,347	38,925	40,912	42,278	43,681	45,178	46,631	47,766	48,988	50,234	51,416	38%
<b>TOTAL SYSTEM OF MD.</b>													
Undergraduate													
	Full-time	75,518	77,043	77,853	78,684	79,568	80,319	80,884	81,759	82,507	83,443	84,278	12%
	Part-time	30,186	31,482	33,137	34,156	35,192	36,237	37,303	38,087	38,868	39,648	40,431	34%
Total Undergraduate		105,704	108,525	110,990	112,840	114,760	116,556	118,187	119,846	121,375	123,091	124,709	18%
Graduate													
	Full-time	16,762	17,022	17,226	17,490	17,617	17,722	17,838	17,964	18,068	18,177	18,302	9%
	Part-time	26,210	26,958	28,069	28,786	29,518	30,421	31,190	31,686	32,343	33,011	33,551	28%
Total Graduate		42,972	43,980	45,295	46,276	47,135	48,143	49,028	49,650	50,411	51,188	51,853	21%
<b>Total Headcount</b>		148,676	152,505	156,285	159,116	161,895	164,699	167,215	169,496	171,786	174,279	176,562	19%

**Projections of Headcount Enrollment at Maryland Public Four-Year Institutions**

		FALL 09 FY 10 Actual	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 17 Projected	% Change 09-19
<b>Morgan State</b>													
Undergraduate													
	Full-time	5,572	5,686	5,766	5,848	5,930	6,012	6,094	6,176	6,258	6,340	6,422	15%
	Part-time	627	647	663	682	701	720	739	758	777	796	815	30%
Total Undergraduate		6,199	6,333	6,429	6,530	6,631	6,732	6,833	6,934	7,035	7,136	7,237	17%
Graduate													
	Full-time	529	540	551	564	577	590	603	616	629	642	655	24%
	Part-time	498	518	535	552	569	586	603	620	637	654	671	35%
Total Graduate		1,027	1,058	1,086	1,116	1,146	1,176	1,206	1,236	1,266	1,296	1,326	29%
<b>Total Headcount</b>		7,226	7,391	7,515	7,646	7,777	7,908	8,039	8,170	8,301	8,432	8,563	19%
<b>St. Mary's College</b>													
Undergraduate													
	Full-time	1,950	1,990	2,012	2,034	2,057	2,078	2,093	2,116	2,136	2,161	2,183	12%
	Part-time	67	69	72	74	75	77	78	79	80	81	81	21%
Total Undergraduate		2,017	2,059	2,084	2,108	2,132	2,155	2,171	2,195	2,216	2,242	2,264	12%
Graduate													
	Full-time	43	44	44	45	46	46	47	47	48	48	48	12%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate		43	44	44	45	46	46	47	47	48	48	48	12%
<b>Total Headcount</b>		2,060	2,103	2,128	2,153	2,178	2,201	2,218	2,242	2,264	2,290	2,312	12%
<b>TOTAL 4-YEAR PUBLIC</b>													
Undergraduate													
	Full-time	83,040	84,719	85,631	86,566	87,555	88,409	89,071	90,051	90,901	91,944	92,883	12%
	Part-time	30,880	32,198	33,872	34,912	35,968	37,034	38,120	38,924	39,725	40,525	41,327	34%
Total Undergraduate		113,920	116,917	119,503	121,478	123,523	125,443	127,191	128,975	130,626	132,469	134,210	18%
Graduate													
	Full-time	17,334	17,606	17,821	18,099	18,240	18,358	18,488	18,627	18,745	18,867	19,005	10%
	Part-time	26,708	27,476	28,604	29,338	30,087	31,007	31,793	32,306	32,980	33,665	34,222	28%
Total Graduate		44,042	45,082	46,425	47,437	48,327	49,365	50,281	50,933	51,725	52,532	53,227	21%
<b>Total Headcount</b>		157,962	161,999	165,928	168,915	171,850	174,808	177,472	179,908	182,351	185,001	187,437	19%

**Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions**

	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 09-19
<b>Bowie</b>											
FTES	4,664	4,729	4,787	4,846	4,897	4,939	4,992	5,039	5,096	5,146	13%
FTDES	3,338									3,683	10%
<b>Coppin</b>											
FTES	3,056	3,100	3,137	3,176	3,211	3,237	3,272	3,302	3,339	3,371	13%
FTDES	2,060									2,272	10%
<b>Frostburg</b>											
FTES	4,714	4,775	4,836	4,897	4,952	4,995	5,054	5,106	5,170	5,227	13%
FTDES	3,788									4,200	11%
<b>Salisbury</b>											
FTES	7,640	7,769	7,884	8,003	8,111	8,200	8,316	8,422	8,545	8,659	16%
FTDES	6,275									7,111	13%
<b>Towson</b>											
FTES	17,856	18,117	18,364	18,612	18,838	19,024	19,257	19,468	19,719	19,947	14%
FTDES	14,929									16,677	12%
<b>University of Baltimore</b>											
FTES	4,428	4,510	4,582	4,641	4,700	4,751	4,801	4,850	4,902	4,952	14%
FTDES	2,146									2,400	12%
<b>UMB</b>											
FTES	6,233	6,331	6,436	6,503	6,563	6,624	6,685	6,740	6,798	6,858	12%
FTDES	5,682									6,252	10%
<b>UMBC</b>											
FTES	10,350	10,501	10,641	10,779	10,906	11,009	11,136	11,253	11,390	11,513	14%
FTDES	8,767									9,752	11%

**Projections of Full-Time Equivalent and Full-Time Day Equivalent Enrollment at Maryland Public Four-Year Institutions**

	FALL 10 FY 11 Projected	FALL 11 FY 12 Projected	FALL 12 FY 13 Projected	FALL 13 FY 14 Projected	FALL 14 FY 15 Projected	FALL 15 FY 16 Projected	FALL 16 FY 17 Projected	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	% Change 09-19
<b>UMCP</b>											
FTES	31,571	31,835	32,099	32,321	32,504	32,626	32,826	32,982	33,193	33,374	7%
FTDES	28,103									29,708	6%
<b>UMES</b>											
FTES	3,929	3,980	4,033	4,085	4,130	4,168	4,219	4,263	4,316	4,364	13%
FTDES	3,359									3,731	11%
<b>UMUC</b>											
FTES	20,133	21,034	21,670	22,322	23,008	23,669	24,205	24,773	25,359	25,914	34%
FTDES	n/a									n/a	n/a
<b>TOTAL SYSTEM OF MD</b>											
FTES	114,574	116,681	118,469	120,185	121,820	123,242	124,763	126,198	127,827	129,325	15%
FTDES (except UMUC)	78,447									85,786	9%
<b>Morgan State</b>											
FTES	6,633	6,735	6,843	6,950	7,057	7,164	7,272	7,379	7,486	7,594	17%
FTDES	5,268									6,031	14%
<b>St. Mary's College</b>											
FTES	2,103	2,128	2,153	2,178	2,201	2,218	2,242	2,264	2,290	2,312	12%
FTDES	1,885									2,072	10%
<b>TOTAL 4-YEAR PUBLIC</b>											
FTES	123,310	125,544	127,465	129,313	131,078	132,624	134,277	135,841	137,603	139,231	15%
FTDES (except UMUC)	85,600									93,889	10%

**MARYLAND HIGHER EDUCATION COMMISSION**  
*Enrollment Projection Model - Community Colleges*

These are the assumptions and steps used in projecting the headcount enrollments at Maryland's public community colleges.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. Tuition increases will have an impact on full- and part-time community college enrollments.
4. The number of full-time students will be affected by trends in high school graduates.
5. The number of part-time students will be impacted by changes in the per capita disposable income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's community colleges during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.

4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2018 to determine the projected enrollments of Maryland residents.
5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change over five years in the resident tuition and fees at Maryland community colleges, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of full-time students.
7. The annual percentage change over five years in the credit hour tuition and fees of residents in community college service areas, with a two-year lag time, was integrated inversely into the regression model as an independent variable for predicting the number of part-time students.
8. The annual projected change in the number of Maryland high school graduates through spring 2018 was integrated into the regression model as an independent variable for predicting the number of full-time students. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
9. The annual percentage change in the per capita disposable income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time students. The income information was obtained from the Bureau of Economic Analysis.
10. The projected number of full-time equivalent students (FTES) at each community college was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each college for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2018 (FY 2019).
11. The projected number of full-time day equivalent students (FTDES) at each community college was calculated by multiplying the FTES enrollments for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2018.

**MARYLAND HIGHER EDUCATION COMMISSION**  
*Noncredit Continuing Education Enrollment Projection Model – Community Colleges*

These are the assumptions and steps used in projecting the state-eligible full-time equivalent (FTE) noncredit continuing education enrollments at Maryland community colleges.

ASSUMPTIONS

1. The adult population 20 years of age or older in a community college's county or service area is a key predictor of noncredit continuing education enrollments.
2. Continuing education enrollments can be forecast by matching the historical relationship between state-funded FTE enrollments at each college and the adult population in the above age group in each college's respective county or service area to the population projections in each location.

STEPS

1. Total FTE noncredit continuing education enrollments at Maryland community colleges that are eligible for state funding were assembled for the past five years categorized by gender and age (11 groupings).
2. The number of residents in each Maryland county for the past five years was categorized by gender and the same age groupings. The actual population figures were obtained from the Maryland Office of Planning.
3. A least-squares fit regression analysis was used to examine the relationship between the noncredit enrollment (dependent variable) and the population (independent variable). A separate regression analysis was performed for each college, using its own enrollment figures and the population in its county or service area.
4. Each of the 16 statistical relationships was then applied to the population projections for the appropriate county or service area through FY 2018 to determine the projected noncredit FTE continuing education enrollments for the individual community colleges. The projected population figures were obtained from the Maryland Office of Planning.
5. Projected noncredit full-time day equivalent (FTDE) continuing education enrollments were calculated by taking a ratio of the total FTE noncredit enrollments and total FTDE noncredit enrollments for the past three years and multiplying the projected FTE noncredit enrollments by the average three-year ratio.

*Enrollment Projection Model - Four Year Colleges and Universities.*

These are the assumptions and steps used in developing the model for the Maryland Higher Education Commission's public four-year colleges and universities.

ASSUMPTIONS

1. Enrollments of Maryland residents can be forecast by matching the historical relationship between the state's population and past in-state enrollments, then incorporating population projections for the state.
2. The ratio of in-state to out-of-state students in Maryland will remain relatively constant.
3. The number of full-time undergraduates will be affected by trends in high school graduates and the number of full-time students enrolling at the state's community colleges.
4. The number of part-time undergraduates will be impacted by changes in the per capita disposable income, calculated in constant dollars, of Maryland residents.

STEPS

1. Total enrollment at Maryland's public four-year campuses during the past five years were categorized by gender, age (11 groupings), and enrollment status (full- and part-time, undergraduate and graduate/professional). Students whose age was unknown were distributed in the other age categories on a proportional basis.
2. The percentage of students who were Maryland residents was determined for each gender and enrollment group.
3. The state's population during the five-year period was categorized by gender and the same age groupings. The actual and projected population figures were obtained from the Maryland Office of Planning.
4. A least-squares fit regression analysis was used to examine the relationship between the in-state enrollment (dependent variable) and the state's population (independent variable). This relationship was then applied to the population projections through the year 2018 to determine the projected enrollments of Maryland residents.



5. Out-of-state enrollments were projected to be consistent with the ratio of in-state to out-of-state students in the last year in which actual enrollment figures were available. Separate ratios were used for each of the gender and enrollment categories.
6. The annual percentage change in the number of Maryland full-time community college students over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates.
7. The annual projected change in the number of Maryland high school graduates through spring 2018 was integrated into the regression model as an independent variable for predicting the number of full-time undergraduates. Projections for Maryland high school graduates were obtained from the Western Interstate Commission for Higher Education.
8. The annual percentage change in the per capita disposable income, in constant dollars, of Maryland residents over five years, with a two-year time lag, was integrated into the regression model as an independent variable for predicting the number of part-time undergraduates. The income information was obtained from the Bureau of Economic Analysis.
9. The projected number of full-time equivalent students (FTES) at each public four-year institution was calculated from the headcount enrollments. This conversion was made by: 1) computing headcount-driven FTES figures for each campus for each year (the total number of full-time students plus one-third of the part-time), and 2) multiplying these figures by the average ratio of headcount- to credit hour-driven FTES over the past three years. A separate ratio was obtained for each college, and these ratios were applied to each year through 2018 (FY 2019).
10. The projected number of full-time day equivalent students (FTDES) at each public four-year institution was calculated by multiplying the FTES enrollment for each campus by the average ratio of credit hour-driven FTES to FTDES over the past three years. A separate ratio was obtained for each campus, and these ratios were applied to each year through 2018. A figure equaling the most recent first- and second-year headcount enrollment at the University of Maryland School of Medicine was added to the FTDES of University of Maryland, Baltimore (UMB) in each year. The standard formula understates the FTDES at UMB since The School of Medicine does not operate on a credit hour basis.