



ENROLLMENT PROJECTIONS

2009 – 2018

MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

June 2009

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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 2018. There are 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. Historically, the models have been highly precise across all student categories at both the public two- and four-year institutions. Last year, the Commission's forecast of 273,833 students was 97.6 percent accurate. This is the fourth report in which it is possible to assess the performance of the projection model over a 10-year period. The Commission's 1999 projections for both community colleges and public four-year campuses proved to be too conservative. The variance 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.**

Students 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 be 16 percent higher (46,030 students) in 2018. In 2008, full-time students comprised a slight majority (51.8 percent) of those enrolled at Maryland public campuses in 2008. By 2018, 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 15 percent (17,675) at the community colleges and by 18 percent (26,805) 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 22 percent while part-time enrollments are expected to increase by 11 percent. Conversely, at the public four-year campuses, full-time undergraduates are anticipated to increase by just 10 percent while part-time undergraduate enrollments are estimated to rise by 32 percent.**
- **Full-time graduate and professional enrollment is projected to increase by 11 percent by 2018, and part-time graduate and professional enrollment will rise by 30 percent.**
- **FTE and FTDE enrollments at the community colleges are expected to rise by 18 percent, up from 15 percent in last year's long-term projections. FTE and FTDE figures are predicted to grow by 13 and 8 percent respectively at the public four-year institutions.**

- **Of the anticipated additional students at Maryland public campuses by 2018, 79 percent will be undergraduates, and half (51 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 10 percent to 26,717 during the 10-year period. This is below the 17 percent increase predicted for 2008-2017 and reflects that these enrollments have experienced modest growth during the last five fiscal years.**

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Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
Allegany College of MD												
Full-time	2,077	2,103	2,115	2,150	2,174	2,256	2,313	2,330	2,349	2,408	2,445	18%
Part-time	1,868	1,901	1,918	1,924	1,943	1,972	2,010	2,030	2,077	2,144	2,176	16%
Total Headcount	3,945	4,004	4,033	4,074	4,117	4,228	4,323	4,360	4,426	4,552	4,621	17%
Anne Arundel CC												
Full-time	5,274	5,300	5,348	5,473	5,560	5,763	5,891	5,921	5,934	6,068	6,227	18%
Part-time	9,875	9,922	9,941	9,954	9,985	10,044	10,093	10,137	10,187	10,291	10,381	5%
Total Headcount	15,149	15,222	15,289	15,427	15,545	15,807	15,984	16,058	16,121	16,359	16,608	10%
Baltimore City CC												
Full-time	2,779	2,801	2,848	2,962	3,031	3,180	3,282	3,325	3,358	3,493	3,577	29%
Part-time	4,139	4,229	4,286	4,342	4,410	4,495	4,581	4,671	4,794	4,946	5,048	22%
Total Headcount	6,918	7,030	7,134	7,304	7,441	7,675	7,863	7,996	8,152	8,439	8,625	25%
Carroll CC												
Full-time	1,631	1,700	1,737	1,814	1,856	1,945	2,004	2,032	2,049	2,112	2,172	33%
Part-time	1,829	1,858	1,871	1,892	1,908	1,932	1,957	1,973	2,014	2,051	2,093	14%
Total Headcount	3,460	3,558	3,608	3,706	3,764	3,877	3,961	4,005	4,063	4,163	4,265	23%
CCBC												
Full-time	7,172	7,216	7,262	7,401	7,517	7,712	7,808	7,836	7,893	7,987	8,081	13%
Part-time	13,501	13,575	13,574	13,621	13,630	13,657	13,691	13,708	13,819	13,967	14,069	4%
Total Headcount	20,673	20,791	20,836	21,022	21,147	21,369	21,499	21,544	21,712	21,954	22,150	7%
Cecil CC												
Full-time	810	818	823	851	866	905	929	938	948	974	1,000	23%
Part-time	1,466	1,492	1,496	1,502	1,509	1,514	1,537	1,544	1,568	1,605	1,621	11%
Total Headcount	2,276	2,310	2,319	2,353	2,375	2,419	2,466	2,482	2,516	2,579	2,621	15%
Chesapeake												
Full-time	998	1,010	1,027	1,053	1,073	1,120	1,151	1,163	1,160	1,192	1,234	24%
Part-time	1,624	1,659	1,680	1,713	1,747	1,778	1,808	1,831	1,868	1,914	1,945	20%
Total Headcount	2,622	2,669	2,707	2,766	2,820	2,898	2,959	2,994	3,028	3,106	3,179	21%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
College of So Md												
Full-time	3,302	3,376	3,438	3,518	3,592	3,762	3,874	3,921	3,954	4,072	4,193	27%
Part-time	4,938	5,002	5,039	5,032	5,038	5,067	5,123	5,158	5,214	5,277	5,352	8%
Total Headcount	8,240	8,378	8,477	8,550	8,630	8,829	8,997	9,079	9,168	9,349	9,545	16%
Frederick CC												
Full-time	2,163	2,204	2,240	2,305	2,350	2,457	2,524	2,551	2,605	2,676	2,704	25%
Part-time	3,585	3,623	3,655	3,681	3,715	3,755	3,792	3,841	3,889	3,940	3,997	11%
Total Headcount	5,748	5,827	5,895	5,986	6,065	6,212	6,316	6,392	6,494	6,616	6,701	17%
Garrett												
Full-time	584	591	600	617	624	638	647	653	662	672	679	16%
Part-time	246	252	257	260	265	271	277	286	294	310	315	28%
Total Headcount	830	843	857	877	889	909	924	939	956	982	994	20%
Hagerstown CC												
Full-time	1,342	1,357	1,389	1,440	1,471	1,535	1,575	1,599	1,642	1,710	1,734	29%
Part-time	2,660	2,705	2,732	2,754	2,787	2,830	2,888	2,919	2,988	3,093	3,148	18%
Total Headcount	4,002	4,062	4,121	4,194	4,258	4,365	4,463	4,518	4,630	4,803	4,882	22%
Harford CC												
Full-time	2,751	2,775	2,825	2,947	3,005	3,144	3,233	3,268	3,299	3,393	3,464	26%
Part-time	3,340	3,387	3,423	3,456	3,497	3,533	3,588	3,629	3,684	3,820	3,878	16%
Total Headcount	6,091	6,162	6,248	6,403	6,502	6,677	6,821	6,897	6,983	7,213	7,342	21%
Howard CC												
Full-time	3,046	3,113	3,192	3,312	3,383	3,488	3,593	3,658	3,722	3,772	3,836	26%
Part-time	4,859	4,978	5,022	5,082	5,132	5,205	5,248	5,358	5,504	5,717	5,793	19%
Total Headcount	7,905	8,091	8,214	8,394	8,515	8,693	8,841	9,016	9,226	9,489	9,629	22%
Montgomery												
Full-time	9,415	9,534	9,674	9,922	10,025	10,302	10,561	10,691	10,776	10,951	11,114	18%
Part-time	15,037	15,152	15,205	15,273	15,325	15,411	15,505	15,604	15,711	15,867	15,996	6%
Total Headcount	24,452	24,686	24,879	25,195	25,350	25,713	26,066	26,295	26,487	26,818	27,110	11%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
Prince George's CC												
Full-time	3,071	3,111	3,181	3,308	3,389	3,549	3,658	3,704	3,841	3,896	3,948	29%
Part-time	9,039	9,153	9,241	9,304	9,452	9,640	9,781	9,977	10,210	10,394	10,498	16%
Total Headcount	12,110	12,264	12,422	12,612	12,841	13,189	13,439	13,681	14,051	14,290	14,446	19%
Wor-Wic CC												
Full-time	1,226	1,241	1,274	1,326	1,365	1,397	1,419	1,463	1,494	1,533	1,567	28%
Part-time	2,446	2,505	2,549	2,604	2,663	2,723	2,772	2,820	2,884	2,988	3,033	24%
Total Headcount	3,672	3,746	3,823	3,930	4,028	4,120	4,191	4,283	4,378	4,521	4,600	25%
Total Community Colleges												
Full-time	47,641	48,250	48,973	50,399	51,281	53,153	54,462	55,053	55,686	56,909	57,975	22%
Part-time	80,452	81,393	81,889	82,394	83,006	83,827	84,651	85,486	86,705	88,324	89,343	11%
Total Headcount	128,093	129,643	130,862	132,793	134,287	136,980	139,113	140,539	142,391	145,233	147,318	15%

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

	FALL 09 FY 10 Projected	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	% Change 09-18
Allegany College of MD											
FTES	2,548	2,564	2,599	2,627	2,712	2,777	2,799	2,832	2,907	2,952	16%
FTDES	1,709									1,980	16%
Anne Arundel CC											
FTES	9,190	9,248	9,387	9,491	9,728	9,882	9,930	9,962	10,142	10,344	13%
FTDES	6,085									6,849	13%
Baltimore City CC											
FTES	4,765	4,840	4,990	5,093	5,294	5,442	5,525	5,608	5,818	5,952	25%
FTDES	2,226									2,780	25%
Carroll CC											
FTES	2,384	2,427	2,513	2,562	2,661	2,731	2,765	2,796	2,874	2,950	24%
FTDES	1,670									2,066	24%
CCBC											
FTES	12,621	12,670	12,836	12,964	13,183	13,299	13,335	13,436	13,590	13,727	9%
FTDES	7,891									8,582	9%
<i>Catonsville</i>											
FTDES	3,314									3,605	9%
<i>Dundalk</i>											
FTDES	1,184									1,287	9%
<i>Essex</i>											
FTDES	3,393									3,690	9%
Cecil CC											
FTES	1,453	1,460	1,493	1,512	1,557	1,592	1,604	1,624	1,666	1,701	17%
FTDES	881									1,031	17%

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

	FALL 09 FY 10 Projected	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	% Change 09-18
Chesapeake											
FTES	1,564	1,588	1,625	1,656	1,714	1,755	1,774	1,784	1,831	1,883	20%
FTDES	887									1,067	20%
College of So MD											
FTES	4,848	4,919	4,994	5,067	5,239	5,365	5,421	5,471	5,605	5,745	19%
FTDES	2,941									3,485	18%
<i>LaPlata/Waldorf</i>											
FTDES	1,853									2,196	19%
<i>Prince Frederick</i>											
FTDES	588									697	19%
<i>Leonardtown</i>											
FTDES	500									592	18%
Frederick CC											
FTES	3,818	3,870	3,953	4,016	4,150	4,239	4,288	4,366	4,464	4,517	18%
FTDES	2,176									2,574	18%
Garrett											
FTES	682	692	711	719	736	747	756	768	783	792	16%
FTDES	462									537	16%
Hagerstown CC											
FTES	2,590	2,637	2,704	2,752	2,841	2,910	2,949	3,025	3,143	3,191	23%
FTDES	1,579									1,945	23%
Harford CC											
FTES	3,932	3,994	4,128	4,201	4,353	4,461	4,510	4,559	4,700	4,791	22%
FTDES	2,764									3,368	22%
Howard CC											
FTES	4,958	5,055	5,200	5,291	5,426	5,550	5,655	5,772	5,898	5,991	21%
FTDES	3,415									4,127	21%

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

	FALL 09 FY 10 Projected	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	% Change 09-18
Montgomery											
FTES	16,267	16,443	16,745	16,879	17,220	17,543	17,725	17,860	18,113	18,343	13%
FTDES	11,455									12,917	13%
Rockville											
FTDES	6,414									7,233	13%
Takoma Park											
FTDES	2,635									2,971	13%
Germantown											
FTDES	2,406									2,713	13%
Prince George's CC											
FTES	7,168	7,283	7,455	7,607	7,866	8,047	8,177	8,427	8,562	8,663	21%
FTDES	4,238									5,122	21%
Wor-Wic CC											
FTES	2,360	2,414	2,494	2,561	2,620	2,663	2,732	2,791	2,875	2,931	24%
FTDES	1,506									1,870	24%
Total Community Colleges											
FTES	80,158	81,148	82,104	83,827	84,998	87,300	89,003	89,945	91,081	92,971	16%
FTDES	51,250									59,654	16%

**PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS
MARYLAND COMMUNITY COLLEGES
FISCAL YEARS 2009 - 2018**

College	FY08 actual	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	Percent Change FY08- FY18
Allegany	470	482	486	491	494	498	500	504	507	510	511	9%
Anne Arundel	3,962	4,124	4,195	4,267	4,325	4,383	4,442	4,501	4,560	4,599	4,638	17%
Baltimore City	2,278	2,382	2,405	2,426	2,441	2,455	2,471	2,485	2,499	2,512	2,523	11%
Baltimore County	4,114	4,220	4,269	4,317	4,342	4,367	4,393	4,417	4,442	4,446	4,449	8%
Carroll	643	647	669	692	712	731	752	773	794	813	833	30%
Cecil	505	516	525	536	543	552	560	568	575	582	588	17%
Chesapeake	650	696	738	782	827	875	926	979	1,035	1,093	1,154	77%
Frederick	358	374	387	399	411	422	435	446	459	470	482	35%
Garrett	173	186	186	186	187	187	187	187	187	187	187	8%
Hagerstown	851	851	862	874	886	897	909	920	932	942	951	12%
Harford	1,119	1,154	1,166	1,177	1,182	1,187	1,192	1,196	1,201	1,207	1,213	8%
Howard	1,346	1,384	1,407	1,430	1,448	1,467	1,485	1,504	1,522	1,532	1,542	15%
Montgomery	2,675	2,823	2,894	2,967	3,032	3,098	3,166	3,235	3,305	3,367	3,430	28%
Prince George's	4,029	4,050	4,113	4,177	4,249	4,321	4,393	4,466	4,538	4,592	4,647	15%
Southern Maryland	519	521	532	542	548	555	562	569	576	581	585	13%
Wor-Wic	653	680	695	710	725	739	753	768	783	797	810	24%
SYSTEMWIDE	24,345	25,091	25,530	25,974	26,352	26,733	27,123	27,518	27,916	28,229	28,542	17%

Projections of Headcount Enrollment at Maryland Public Four-Year Institution:

		FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
Bowie													
Undergraduate													
	Full-time	3,689	3,764	3,831	3,885	3,929	3,984	4,018	4,103	4,157	4,199	4,245	15%
	Part-time	651	662	710	737	765	793	821	849	864	893	914	40%
Total Undergraduate		4,340	4,426	4,541	4,622	4,694	4,777	4,839	4,952	5,021	5,092	5,159	19%
Graduate													
	Full-time	324	330	337	344	350	356	362	368	371	377	383	18%
	Part-time	819	842	869	885	901	919	937	955	967	980	994	21%
Total Graduate		1,143	1,172	1,206	1,229	1,251	1,275	1,299	1,323	1,338	1,357	1,377	20%
Total Headcount		5,483	5,598	5,747	5,851	5,945	6,052	6,138	6,275	6,359	6,449	6,536	19%
Coppin													
Undergraduate													
	Full-time	2,574	2,622	2,664	2,697	2,723	2,757	2,776	2,829	2,862	2,886	2,913	13%
	Part-time	717	730	783	814	845	876	907	939	957	989	1,013	41%
Total Undergraduate		3,291	3,352	3,447	3,511	3,568	3,633	3,683	3,768	3,819	3,875	3,926	19%
Graduate													
	Full-time	185	188	192	196	199	202	205	208	210	213	216	17%
	Part-time	575	593	613	626	639	653	667	682	693	704	715	24%
Total Graduate		760	781	805	822	838	855	872	890	903	917	931	23%
Total Headcount		4,051	4,133	4,252	4,333	4,406	4,488	4,555	4,658	4,722	4,792	4,857	20%
Frostburg													
Undergraduate													
	Full-time	4,296	4,381	4,456	4,516	4,564	4,625	4,662	4,757	4,816	4,862	4,913	14%
	Part-time	286	292	313	326	339	352	365	378	386	400	410	43%
Total Undergraduate		4,582	4,673	4,769	4,842	4,903	4,977	5,027	5,135	5,202	5,262	5,323	16%
Graduate													
	Full-time	195	199	203	207	211	214	218	221	223	227	230	18%
	Part-time	438	451	467	476	486	497	508	519	527	535	544	24%
Total Graduate		633	650	670	683	697	711	726	740	750	762	774	22%
Total Headcount		5,215	5,323	5,439	5,525	5,600	5,688	5,753	5,875	5,952	6,024	6,097	17%

Projections of Headcount Enrollment at Maryland Public Four-Year Institution:

		FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
Salisbury													
Undergraduate													
	Full-time	6,662	6,798	6,946	7,059	7,154	7,268	7,345	7,514	7,628	7,721	7,821	17%
	Part-time	619	630	676	702	729	756	783	810	825	853	874	41%
Total Undergraduate		7,281	7,428	7,622	7,761	7,883	8,024	8,128	8,324	8,453	8,574	8,695	19%
Graduate													
	Full-time	242	247	253	259	264	269	275	280	283	288	293	21%
	Part-time	345	355	367	374	381	389	397	405	411	417	423	23%
Total Graduate		587	602	620	633	645	658	672	685	694	705	716	22%
Total Headcount		7,868	8,030	8,242	8,394	8,528	8,682	8,800	9,009	9,147	9,279	9,411	20%
Towson													
Undergraduate													
	Full-time	15,231	15,250	15,823	16,679	17,330	17,698	17,917	18,105	18,401	18,644	18,827	24%
	Part-time	2,041	2,022	2,143	2,247	2,346	2,422	2,458	2,483	2,514	2,540	2,563	26%
Total Undergraduate		17,272	17,272	17,966	18,926	19,676	20,120	20,375	20,588	20,915	21,184	21,390	24%
Graduate													
	Full-time	1,055	1,055	1,087	1,119	1,153	1,188	1,211	1,235	1,248	1,260	1,273	21%
	Part-time	2,784	2,784	2,986	3,195	3,418	3,692	3,895	3,915	3,973	4,033	4,073	46%
Total Graduate		3,839	3,839	4,073	4,314	4,571	4,880	5,106	5,150	5,221	5,293	5,346	39%
Total Headcount		21,111	21,111	22,039	23,240	24,247	25,000	25,481	25,738	26,136	26,477	26,736	27%
University of Baltimore													
Undergraduate													
	Full-time	1,501	1,534	1,564	1,588	1,609	1,634	1,650	1,688	1,712	1,733	1,754	17%
	Part-time	1,179	1,203	1,294	1,348	1,403	1,459	1,515	1,572	1,606	1,664	1,709	45%
Total Undergraduate		2,680	2,737	2,858	2,936	3,012	3,093	3,165	3,260	3,318	3,397	3,463	29%
Graduate													
	Full-time	1,571	1,601	1,637	1,670	1,700	1,729	1,762	1,792	1,808	1,838	1,868	19%
	Part-time	1,592	1,645	1,705	1,745	1,787	1,831	1,876	1,923	1,957	1,993	2,031	28%
Total Graduate		3,163	3,246	3,342	3,415	3,487	3,560	3,638	3,715	3,765	3,831	3,899	23%
Total Headcount		5,843	5,983	6,200	6,351	6,499	6,653	6,803	6,975	7,083	7,228	7,362	26%

Projections of Headcount Enrollment at Maryland Public Four-Year Institution:

		FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
UMB													
Undergraduate													
	Full-time	532	601	673	687	701	701	701	702	702	703	703	32%
	Part-time	322	240	257	259	261	262	262	262	262	263	263	-18%
Total Undergraduate		854	841	930	946	962	963	963	964	964	966	966	13%
Graduate													
	Full-time	4,209	4,463	4,553	4,613	4,749	4,890	4,981	5,119	5,178	5,188	5,189	23%
	Part-time	1,093	976	957	947	973	974	973	973	974	975	975	-11%
Total Graduate		5,302	5,439	5,510	5,560	5,722	5,864	5,954	6,092	6,152	6,163	6,164	16%
Total Headcount		6,156	6,280	6,440	6,506	6,684	6,827	6,917	7,056	7,116	7,129	7,130	16%
UMBC													
Undergraduate													
	Full-time	8,279	8,350	8,392	8,434	8,476	8,518	8,561	8,604	8,647	8,690	8,733	5%
	Part-time	1,333	1,350	1,357	1,363	1,370	1,377	1,384	1,391	1,398	1,405	1,412	6%
Total Undergraduate		9,612	9,700	9,749	9,797	9,846	9,895	9,945	9,995	10,045	10,095	10,145	6%
Graduate													
	Full-time	1,100	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	1,101	0%
	Part-time	1,556	1,644	1,712	1,755	1,797	1,841	1,885	1,930	1,975	2,021	2,068	33%
Total Graduate		2,656	2,745	2,813	2,856	2,898	2,942	2,986	3,031	3,076	3,122	3,169	19%
Total Headcount		12,268	12,445	12,562	12,653	12,744	12,837	12,931	13,026	13,121	13,217	13,314	9%
UMCP													
Undergraduate													
	Full-time	24,383	23,989	23,698	23,482	23,370	23,289	23,144	23,061	23,020	23,003	22,996	-6%
	Part-time	2,092	2,079	2,053	2,035	2,025	2,018	2,005	1,998	1,995	1,993	1,992	-5%
Total Undergraduate		26,475	26,068	25,751	25,517	25,395	25,306	25,150	25,059	25,015	24,996	24,989	-6%
Graduate													
	Full-time	6,934	6,924	6,892	6,879	6,873	6,869	6,866	6,864	6,863	6,862	6,861	-1%
	Part-time	3,591	3,464	3,448	3,442	3,438	3,436	3,435	3,434	3,433	3,433	3,432	-4%
Total Graduate		10,525	10,388	10,340	10,321	10,311	10,305	10,301	10,298	10,296	10,294	10,293	-2%
Total Headcount		37,000	36,456	36,091	35,838	35,706	35,612	35,451	35,358	35,311	35,291	35,282	-5%

Projections of Headcount Enrollment at Maryland Public Four-Year Institution:

		FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
UMES													
Undergraduate													
	Full-time	3,513	3,579	3,637	3,683	3,720	3,766	3,793	3,866	3,911	3,945	3,983	13%
	Part-time	302	308	330	344	357	371	384	398	406	420	431	43%
Total Undergraduate		3,815	3,887	3,967	4,027	4,077	4,137	4,177	4,264	4,317	4,365	4,414	16%
Graduate													
	Full-time	188	191	196	199	203	206	210	213	215	218	222	18%
	Part-time	287	296	307	314	321	329	336	345	350	357	363	26%
Total Graduate		475	487	503	513	524	535	546	558	565	575	585	23%
Total Headcount		4,290	4,374	4,470	4,540	4,601	4,672	4,723	4,822	4,882	4,940	4,999	17%
UMUC													
Undergraduate													
	Full-time	2,929	2,974	3,012	3,040	3,060	3,088	3,100	3,149	3,176	3,192	3,212	10%
	Part-time	19,379	19,674	21,041	21,815	22,582	23,359	24,130	24,907	25,299	26,077	26,651	38%
Total Undergraduate		22,308	22,648	24,053	24,855	25,642	26,447	27,230	28,056	28,475	29,269	29,863	34%
Graduate													
	Full-time	248	252	257	262	267	271	275	279	281	286	290	17%
	Part-time	11,616	12,132	12,708	13,145	13,603	14,081	14,581	15,104	15,536	15,990	16,468	42%
Total Graduate		11,864	12,384	12,965	13,407	13,870	14,352	14,856	15,383	15,817	16,276	16,758	41%
Total Headcount		34,172	35,032	37,018	38,262	39,512	40,799	42,086	43,439	44,292	45,545	46,621	36%
TOTAL USM W/O UMUC													
Undergraduate													
	Full-time	70,660	70,868	71,684	72,710	73,576	74,240	74,567	75,229	75,856	76,386	76,888	9%
	Part-time	9,542	9,516	9,916	10,175	10,440	10,686	10,884	11,080	11,213	11,420	11,581	21%
Total Undergraduate		80,202	80,384	81,600	82,885	84,016	84,925	85,452	86,309	87,069	87,806	88,470	10%
Graduate													
	Full-time	16,003	16,299	16,451	16,587	16,803	17,024	17,191	17,401	17,500	17,572	17,636	10%
	Part-time	13,080	13,050	13,431	13,759	14,141	14,561	14,909	15,081	15,260	15,448	15,618	19%
Total Graduate		29,083	29,349	29,882	30,346	30,944	31,585	32,100	32,482	32,760	33,019	33,254	14%
Total Headcount		109,285	109,733	111,482	113,231	114,960	116,511	117,552	118,792	119,829	120,826	121,724	11%

Projections of Headcount Enrollment at Maryland Public Four-Year Institution:

		FALL 08 FY 09 Actual	FALL 09 FY 10 Projected	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	% Change 08-18
TOTAL USM													
Undergraduate													
	Full-time	73,589	73,842	74,696	75,750	76,636	77,328	77,667	78,378	79,032	79,578	80,100	9%
	Part-time	28,921	29,190	30,957	31,990	33,022	34,045	35,014	35,987	36,512	37,497	38,232	32%
Total Undergraduate		102,510	103,032	105,653	107,740	109,658	111,372	112,682	114,365	115,544	117,075	118,333	15%
Graduate													
	Full-time	16,251	16,551	16,708	16,849	17,070	17,295	17,466	17,680	17,781	17,858	17,926	10%
	Part-time	24,696	25,182	26,139	26,904	27,744	28,642	29,490	30,185	30,796	31,438	32,086	30%
Total Graduate		40,947	41,733	42,847	43,753	44,814	45,937	46,956	47,865	48,577	49,295	50,012	22%
Total Headcount		143,457	144,765	148,500	151,493	154,472	157,310	159,638	162,231	164,121	166,371	168,345	17%
Morgan State													
Undergraduate													
	Full-time	5,472	5,572	5,930	6,002	6,058	6,131	6,171	6,288	6,357	6,409	6,467	18%
	Part-time	642	667	749	752	755	758	760	763	796	836	876	36%
Total Undergraduate		6,114	6,239	6,679	6,754	6,813	6,889	6,931	7,051	7,153	7,245	7,343	20%
Graduate													
	Full-time	467	476	541	552	563	572	583	593	599	609	620	33%
	Part-time	424	438	537	549	563	576	591	605	616	628	640	51%
Total Graduate		891	914	1,078	1,101	1,126	1,148	1,174	1,198	1,215	1,237	1,260	41%
Total Headcount		7,005	7,153	7,757	7,855	7,939	8,037	8,105	8,249	8,368	8,482	8,603	23%
St. Mary's College													
Undergraduate													
	Full-time	1,961	1,999	2,039	2,066	2,087	2,114	2,131	2,173	2,200	2,220	2,242	14%
	Part-time	74	75	81	84	88	91	94	98	100	103	106	43%
Total Undergraduate		2,035	2,074	2,120	2,150	2,175	2,205	2,225	2,271	2,300	2,323	2,348	15%
Graduate													
	Full-time	30	31	31	32	33	33	34	34	35	35	36	20%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate		30	31	31	32	33	33	34	34	35	35	36	20%
Total Headcount		2,065	2,105	2,151	2,182	2,208	2,238	2,259	2,305	2,335	2,358	2,384	15%

Projections of Headcount Enrollment at Maryland Public Four-Year Institution:

		FALL 08	FALL 09	FALL 10	FALL 11	FALL 12	FALL 13	FALL 14	FALL 15	FALL 16	FALL 17	FALL 18	% Change
		FY 09	FY 10	FY 11	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	08-18
		Actual	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	
TOTAL 4-YEAR PUBLIC													
Undergraduate													
	Full-time	81,022	81,413	82,665	83,818	84,781	85,573	85,969	86,839	87,589	88,207	88,809	10%
	Part-time	29,637	29,932	31,787	32,826	33,865	34,894	35,868	36,848	37,408	38,436	39,214	32%
Total Undergraduate		110,659	111,345	114,452	116,644	118,646	120,466	121,838	123,687	124,997	126,643	128,024	16%
Graduate													
	Full-time	16,748	17,058	17,280	17,433	17,666	17,900	18,083	18,307	18,415	18,502	18,582	11%
	Part-time	25,120	25,620	26,676	27,453	28,307	29,218	30,081	30,790	31,412	32,066	32,726	30%
Total Graduate		41,868	42,678	43,956	44,886	45,973	47,118	48,164	49,097	49,827	50,567	51,308	23%
Total Headcount		152,527	154,023	158,408	161,530	164,619	167,585	170,002	172,785	174,824	177,211	179,332	18%

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

	FALL 09 FY 10 Projected	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	% Change 09-18
Bowie											
FTES	4,597	4,696	4,771	4,836	4,912	4,968	5,074	5,140	5,202	5,266	15%
FTDES	3,243									3,715	15%
Coppin											
FTES	3,132	3,200	3,250	3,292	3,342	3,378	3,447	3,490	3,530	3,570	14%
FTDES	2,146									2,446	14%
Frostburg											
FTES	4,519	4,605	4,671	4,727	4,795	4,840	4,940	5,002	5,055	5,112	13%
FTDES	3,713									4,200	13%
Salisbury											
FTES	7,254	7,425	7,553	7,662	7,791	7,884	8,067	8,189	8,296	8,408	16%
FTDES	6,013									6,969	16%
Towson											
FTES	17,260	10,820	18,990	19,730	20,160	20,440	20,690	21,040	21,320	21,350	24%
FTDES	14,500									16,800	16%
University of Baltimore											
FTES	4,155	4,273	4,363	4,448	4,537	4,621	4,725	4,789	4,873	4,953	19%
FTDES	2,009									2,395	19%
UMB											
FTES	5,998	6,105	6,292	6,346	6,518	6,668	6,765	6,910	6,967	6,977	16%
FTDES	5,588									6,482	16%
UMBC											
FTES	9,800	9,875	9,937	10,000	10,063	10,127	10,192	10,257	10,322	10,389	6%
FTDES	8,645									9,163	6%
UMCP											
FTES	30,256	29,945	29,726	29,613	29,531	29,391	29,310	29,270	29,252	29,245	-3%
FTDES	27,005									26,102	-3%

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

	FALL 09 FY 10 Projected	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	% Change 09-18
UMES											
FTES	3,748	3,818	3,871	3,916	3,969	4,004	4,083	4,132	4,173	4,218	13%
FTDES	3,235									3,640	13%
UMUC											
FTES	17,853	18,745	19,309	19,868	20,450	21,017	21,645	22,037	22,595	23,078	29%
FTDES	n/a									n/a	n/a
USM Total W/O UMUC											
FTES	90,719	84,762	93,424	94,570	95,618	96,321	97,293	98,219	98,990	99,488	10%
FTDES (except UMUC)	76,097									81,912	8%
USM Total											
FTES	108,572	103,507	112,733	114,438	116,068	117,338	118,938	120,256	121,585	122,566	13%
FTDES (except UMUC)	76,097									81,912	8%
Morgan State											
FTES	6,463	6,950	7,038	7,111	7,199	7,256	7,390	7,480	7,560	7,647	18%
FTDES	5,179									6,128	18%
St. Mary's College											
FTES	2,177	2,221	2,252	2,277	2,306	2,326	2,372	2,403	2,425	2,450	13%
FTDES	1,958									2,203	13%
TOTAL 4-YEAR PUBLIC											
FTES	117,212	112,678	122,023	123,826	125,573	126,920	128,700	130,139	131,570	132,663	13%
FTDES (except UMUC)	83,234									90,243	8%

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 2017 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 2017 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 2017 (FY 2018).
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 2017.

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 2017 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.

MARYLAND HIGHER EDUCATION COMMISSION
Enrollment Projection Model - Four Year Colleges and Universities

These are the assumptions and steps used in projecting the headcount enrollments at Maryland'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 2017 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 2017 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 2017 (FY 2018).
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 2017. 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.