



# **Enrollment Projections**

**2017 – 2026**

**Maryland Public Colleges and Universities**

**July 2017**

Lawrence J. Hogan, Jr.  
Governor

Boyd K. Rutherford  
Lt. Governor

**MARYLAND HIGHER EDUCATION COMMISSION**  
6 North Liberty Street • 10<sup>th</sup> Floor • Baltimore, MD 21201  
[www.mhec.maryland.gov](http://www.mhec.maryland.gov)

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

The Maryland Higher Education Commission has prepared enrollment projections for Maryland public colleges and universities through Fall 2026. The projections include headcount projections for each 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 have also 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 use the Commission's forecasts 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 to demographic and economic factors.

Historically, the models have been highly accurate. The Commission's one-year forecast last year of 307,804 students proved to be 99.1% accurate. The ten-year accuracy rate is almost as reliable. The accuracy rate of the Commission's 2007 headcount projection was 95.4%, with a projected enrollment of 319,967 compared to an actual enrollment of 305,178, a difference of 14,789 students. The projection was least accurate in projecting the number of graduate students, overstating it by 9,122 students (an accuracy rate of 82.5%). The forecasted number of undergraduate students was 97.9% accurate (267,889, compared to an actual enrollment of 262,222, a difference of 5,667 students), although the projection overstated the number of undergraduates who would attend community colleges and understated the number attending four-year institutions. Nevertheless, the Commission's forecasting model remains exceptionally reliable; in each of the three previous years, the accuracy rate was at least 97.0% for all students and at least 99.0% for undergraduates.

### **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 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 historical trends, although the recent market share and growth rate of each campus and institution-provided projections were also considered.

## **Highlights of the Enrollment Projections**

- Total headcount credit enrollment at Maryland public colleges and universities is projected to be 311,497 in Fall 2017, an increase of 2% (6,319 students) over Fall 2016 actual enrollment.
- Total headcount credit enrollment at Maryland public colleges and universities is projected to be 371,000 in Fall 2026, an increase of 19% (65,822 students) over Fall 2016. Total enrollment at community colleges is expected to increase by 28% (35,096 students) from Fall 2016 to Fall 2026, and enrollment at public four-year colleges and universities is projected to increase by 17% (30,726 students) during the same period.
- These projections are higher than comparable projections published last year by the Commission, largely because of increases in the projected number of high school graduates. Updated projections from the Western Interstate Commission for Higher Education estimate stronger growth than previously anticipated over the next decade. The number of public and private high school graduates is expected to decline in the next two years but increase to about 65,000 for much of the decade, with a small bubble of graduates expected in 2024-2026. In addition, strong State projections for economic indicators such as income also support growth in enrollment.
- Undergraduate enrollment is projected to grow by 57,450 students by 2026, an increase of 27%, reaching a total of 319,672. MHEC continues to project that the number of full-time undergraduate students at community colleges will grow at a higher rate than the number of part-time students. Full-time enrollment is expected to increase to 57,809, an increase of 17,151 or 42%, while part-time student enrollments are expected to grow to 101,111, an increase of 17,945 students or 22%. This will increase the percentage of full-time students at community colleges from 33% to 36% by Fall 2026. At public four-year institutions, on the other hand, enrollment will shift slightly in the direction of part-time students. Full-time undergraduate enrollment is projected to increase by 10% (to 102,013 students, an increase of 9,595), while part-time undergraduate enrollment is expected to grow by 28% (to 58,739 students, an increase of 12,759). This is expected to reduce the percentage of full-time undergraduates from 67% to 63% at four-year institutions.
- Graduate and professional student enrollment is expected to grow to 51,328 students by 2026, an increase of 8,372 (19%). Part-time students will constitute the majority of this increase. The number of full-time graduate students is projected to grow by 9% (1,739 students) to 20,498, and the number of part-students is expected to rise by 27% (6,633 students) to 30,830.
- Full-time equivalent enrollment (FTE) and full-time day equivalent enrollment (FTDE) at community colleges are expected to grow at a similar pace between Fall 2016 and Fall 2026. FTEs are expected to reach 102,547, an increase of 25,947 or 34%, and FTDEs are projected to rise to 67,170, an increase of 17,055 or 32%. At public four-year institutions, FTEs are projected to reach 160,585, an increase of 19,964 or 14%, while FTDEs are expected to total 95,955, an increase of 8,904 or 9%.
- State-funded noncredit FTE continuing education enrollment at the community colleges is projected to increase by 9% to 25,924 by FY 2026, an increase of 2,040 equivalent students compared to FY 2016.

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

		FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Bowie</b>													
Undergraduate													
	Full-time	3,939	3,961	4,002	4,020	4,037	4,061	4,133	4,179	4,281	4,303	4,336	10%
	Part-time	772	803	820	832	846	864	874	884	893	902	910	18%
Total Undergraduate		4,711	4,764	4,822	4,852	4,883	4,925	5,007	5,063	5,174	5,205	5,246	11%
Graduate													
	Full-time	412	415	420	421	421	422	428	429	431	433	435	6%
	Part-time	546	576	578	580	583	586	590	595	601	607	610	12%
Total Graduate		958	991	998	1,001	1,004	1,008	1,018	1,024	1,032	1,040	1,045	9%
<b>Total Headcount</b>		5,669	5,755	5,820	5,853	5,887	5,933	6,025	6,087	6,206	6,245	6,291	11%
<b>Coppin</b>													
Undergraduate													
	Full-time	1,888	1,895	1,910	1,915	1,919	1,927	1,957	1,975	2,019	2,025	2,054	9%
	Part-time	619	644	658	667	679	693	702	712	719	726	732	18%
Total Undergraduate		2,507	2,539	2,568	2,582	2,598	2,620	2,659	2,687	2,738	2,751	2,786	11%
Graduate													
	Full-time	133	135	136	137	138	140	143	145	147	149	150	13%
	Part-time	299	316	319	326	333	341	352	362	371	380	388	30%
Total Graduate		432	451	455	463	471	481	495	507	518	529	538	25%
<b>Total Headcount</b>		2,939	2,990	3,023	3,045	3,069	3,101	3,154	3,194	3,256	3,280	3,324	13%
<b>Frostburg</b>													
Undergraduate													
	Full-time	4,141	4,156	4,190	4,201	4,211	4,228	4,293	4,333	4,430	4,444	4,486	8%
	Part-time	743	766	781	789	796	803	811	822	832	839	845	14%
Total Undergraduate		4,884	4,922	4,971	4,990	5,007	5,031	5,104	5,155	5,262	5,283	5,331	9%
Graduate													
	Full-time	243	246	249	250	251	253	257	259	261	263	265	9%
	Part-time	549	581	588	592	597	603	610	617	626	635	641	17%
Total Graduate		792	827	837	842	848	856	867	876	887	898	906	14%
<b>Total Headcount</b>		5,676	5,749	5,808	5,832	5,855	5,887	5,971	6,031	6,149	6,181	6,237	10%

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

		FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Salisbury</b>													
Undergraduate													
	Full-time	7,250	7,272	7,358	7,387	7,416	7,457	7,584	7,665	7,848	7,885	7,940	10%
	Part-time	611	636	645	656	667	678	687	696	705	716	727	19%
Total Undergraduate		7,861	7,908	8,003	8,043	8,083	8,135	8,271	8,361	8,553	8,601	8,667	10%
Graduate													
	Full-time	489	496	505	510	512	518	527	533	538	544	550	12%
	Part-time	398	421	424	427	430	434	439	444	449	455	459	15%
Total Graduate		887	917	929	937	942	952	966	977	987	999	1,009	14%
<b>Total Headcount</b>		8,748	8,825	8,932	8,980	9,025	9,087	9,237	9,338	9,540	9,600	9,676	11%
<b>Towson</b>													
Undergraduate													
	Full-time	16,893	16,959	17,106	17,154	17,200	17,275	17,550	17,716	18,119	18,183	18,290	8%
	Part-time	2,305	2,413	2,455	2,483	2,518	2,563	2,587	2,606	2,628	2,645	2,656	15%
Total Undergraduate		19,198	19,372	19,561	19,637	19,718	19,838	20,137	20,322	20,747	20,828	20,946	9%
Graduate													
	Full-time	1,081	1,099	1,119	1,130	1,136	1,149	1,169	1,181	1,193	1,206	1,219	13%
	Part-time	2,064	2,172	2,218	2,262	2,308	2,337	2,391	2,447	2,504	2,562	2,612	27%
Total Graduate		3,145	3,271	3,337	3,392	3,444	3,486	3,560	3,628	3,697	3,768	3,831	22%
<b>Total Headcount</b>		22,343	22,643	22,898	23,029	23,162	23,324	23,697	23,950	24,444	24,596	24,777	11%
<b>University of Baltimore</b>													
Undergraduate													
	Full-time	1,995	2,003	2,020	2,025	2,031	2,040	2,072	2,091	2,139	2,146	2,159	8%
	Part-time	1,227	1,291	1,325	1,352	1,383	1,421	1,444	1,468	1,490	1,512	1,530	25%
Total Undergraduate		3,222	3,294	3,345	3,377	3,414	3,461	3,516	3,559	3,629	3,658	3,689	14%
Graduate													
	Full-time	1,153	1,171	1,183	1,191	1,201	1,217	1,242	1,259	1,275	1,290	1,302	13%
	Part-time	1,608	1,721	1,755	1,773	1,802	1,826	1,853	1,881	1,913	1,940	2,059	28%
Total Graduate		2,761	2,892	2,938	2,964	3,003	3,043	3,095	3,140	3,188	3,230	3,361	22%
<b>Total Headcount</b>		5,983	6,186	6,283	6,341	6,417	6,504	6,611	6,699	6,817	6,888	7,050	18%



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

		FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>UMB</b>													
Undergraduate													
	Full-time	704	708	715	718	721	725	738	746	764	767	773	10%
	Part-time	201	209	215	218	222	226	229	232	235	269	242	20%
Total Undergraduate		905	917	930	936	943	951	967	978	999	1,036	1,015	12%
Graduate													
	Full-time	4,463	4,536	4,593	4,632	4,684	4,751	4,857	4,923	4,993	5,056	5,112	15%
	Part-time	1,114	1,180	1,191	1,199	1,209	1,222	1,236	1,252	1,269	1,287	1,300	17%
Total Graduate		5,577	5,716	5,784	5,831	5,893	5,973	6,093	6,175	6,262	6,343	6,412	15%
<b>Total Headcount</b>		6,482	6,633	6,714	6,767	6,836	6,924	7,060	7,153	7,261	7,379	7,427	15%
<b>UMBC</b>													
Undergraduate													
	Full-time	9,484	9,506	9,573	9,584	9,595	9,621	9,759	9,836	10,043	10,063	10,106	7%
	Part-time	1,658	1,717	1,760	1,772	1,790	1,815	1,824	1,837	1,855	1,867	1,881	13%
Total Undergraduate		11,142	11,223	11,333	11,356	11,385	11,436	11,583	11,673	11,898	11,930	11,987	8%
Graduate													
	Full-time	1,167	1,188	1,205	1,216	1,227	1,242	1,269	1,285	1,302	1,315	1,329	14%
	Part-time	1,331	1,407	1,417	1,445	1,464	1,506	1,530	1,555	1,582	1,611	1,623	22%
Total Graduate		2,498	2,595	2,622	2,661	2,691	2,748	2,799	2,840	2,884	2,926	2,952	18%
<b>Total Headcount</b>		13,640	13,818	13,955	14,017	14,076	14,184	14,382	14,513	14,782	14,856	14,939	10%
<b>UMCP</b>													
Undergraduate													
	Full-time	26,350	26,562	26,905	27,092	27,280	27,513	28,068	28,448	29,216	29,444	29,741	13%
	Part-time	2,122	2,185	2,227	2,227	2,236	2,256	2,269	2,282	2,297	2,312	2,325	10%
Total Undergraduate		28,472	28,747	29,132	29,319	29,516	29,769	30,337	30,730	31,513	31,756	32,066	13%
Graduate													
	Full-time	8,094	8,137	8,151	8,133	8,125	8,165	8,273	8,307	8,345	8,371	8,385	4%
	Part-time	2,517	2,599	2,588	2,592	2,605	2,630	2,655	2,683	2,712	2,745	2,769	10%
Total Graduate		10,611	10,736	10,739	10,725	10,730	10,795	10,928	10,990	11,057	11,116	11,154	5%
<b>Total Headcount</b>		39,083	39,483	39,871	40,044	40,246	40,564	41,265	41,720	42,570	42,872	43,220	11%

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

		FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>UMES</b>													
Undergraduate													
	Full-time	2,918	2,926	2,948	2,952	2,957	2,966	3,010	3,035	3,100	3,107	3,138	8%
	Part-time	359	372	383	388	396	408	415	424	432	439	445	24%
Total Undergraduate		3,277	3,298	3,331	3,340	3,353	3,374	3,425	3,459	3,532	3,546	3,583	9%
Graduate													
	Full-time	397	401	406	408	408	410	416	418	420	423	425	7%
	Part-time	230	243	245	246	248	250	253	256	259	262	264	15%
Total Graduate		627	644	651	654	656	660	669	674	679	685	689	10%
<b>Total Headcount</b>		3,904	3,942	3,982	3,994	4,009	4,034	4,094	4,133	4,211	4,231	4,272	9%
<b>UMUC</b>													
Undergraduate													
	Full-time	9,530	9,629	9,774	9,864	9,954	10,061	10,287	10,451	10,757	10,864	10,998	15%
	Part-time	34,689	35,898	37,062	38,076	39,267	40,698	41,696	42,734	43,758	44,740	45,664	32%
Total Undergraduate		44,219	45,527	46,836	47,940	49,221	50,759	51,983	53,185	54,515	55,604	56,662	28%
Graduate													
	Full-time	99	100	100	101	101	102	103	105	105	107	107	8%
	Part-time	13,211	14,273	14,628	14,932	15,247	15,623	16,017	16,445	16,901	17,397	17,744	34%
Total Graduate		13,310	14,373	14,728	15,033	15,348	15,725	16,120	16,550	17,006	17,504	17,851	34%
<b>Total Headcount</b>		57,529	59,900	61,564	62,973	64,569	66,484	68,103	69,735	71,521	73,108	74,513	30%
<b>TOTAL SYSTEM OF MD.</b>													
Undergraduate													
	Full-time	85,092	85,577	86,501	86,912	87,321	87,874	89,451	90,475	92,716	93,231	94,021	10%
	Part-time	45,306	46,934	48,331	49,460	50,800	52,425	53,538	54,697	55,844	56,967	57,957	28%
Total Undergraduate		130,398	132,511	134,832	136,372	138,121	140,299	142,989	145,172	148,560	150,198	151,978	17%
Graduate													
	Full-time	17,731	17,924	18,067	18,129	18,204	18,369	18,684	18,844	19,010	19,157	19,279	9%
	Part-time	23,867	25,489	25,951	26,374	26,826	27,358	27,926	28,537	29,187	29,881	30,469	28%
Total Graduate		41,598	43,413	44,018	44,503	45,030	45,727	46,610	47,381	48,197	49,038	49,748	20%
<b>Total Headcount</b>		171,996	175,924	178,850	180,875	183,151	186,026	189,599	192,553	196,757	199,236	201,726	17%

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

		FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Morgan State</b>													
Undergraduate													
	Full-time	5,739	5,767	5,823	5,845	5,867	5,898	5,998	6,061	6,204	6,233	6,276	9%
	Part-time	623	651	665	675	682	693	702	708	716	723	729	17%
Total Undergraduate		6,362	6,418	6,488	6,520	6,549	6,591	6,700	6,769	6,920	6,956	7,005	10%
Graduate													
	Full-time	997	1,017	1,041	1,056	1,068	1,085	1,112	1,129	1,147	1,165	1,185	19%
	Part-time	330	347	348	348	349	351	352	354	357	360	361	9%
Total Graduate		1,327	1,364	1,389	1,404	1,417	1,436	1,464	1,483	1,504	1,525	1,546	17%
<b>Total Headcount</b>		7,689	7,782	7,877	7,924	7,966	8,027	8,164	8,252	8,424	8,481	8,551	11%
<b>St. Mary's College</b>													
Undergraduate													
	Full-time	1,587	1,593	1,607	1,611	1,615	1,622	1,647	1,663	1,700	1,706	1,716	8%
	Part-time	51	52	52	52	53	53	53	53	53	53	53	4%
Total Undergraduate		1,638	1,645	1,659	1,663	1,668	1,675	1,700	1,716	1,753	1,759	1,769	8%
Graduate													
	Full-time	31	31	32	32	32	32	33	33	33	33	34	10%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate		31	31	32	32	32	32	33	33	33	33	34	10%
<b>Total Headcount</b>		1,669	1,676	1,691	1,695	1,700	1,707	1,733	1,749	1,786	1,792	1,803	8%
<b>TOTAL 4-YEAR PUBLIC</b>													
Undergraduate													
	Full-time	92,418	92,937	93,931	94,368	94,803	95,394	97,096	98,199	100,620	101,170	102,013	10%
	Part-time	45,980	47,637	49,048	50,187	51,535	53,171	54,293	55,458	56,613	57,743	58,739	28%
Total Undergraduate		138,398	140,574	142,979	144,555	146,338	148,565	151,389	153,657	157,233	158,913	160,752	16%
Graduate													
	Full-time	18,759	18,972	19,140	19,217	19,304	19,486	19,829	20,006	20,190	20,355	20,498	9%
	Part-time	24,197	25,836	26,299	26,722	27,175	27,709	28,278	28,891	29,544	30,241	30,830	27%
Total Graduate		42,956	44,808	45,439	45,939	46,479	47,195	48,107	48,897	49,734	50,596	51,328	19%
<b>Total Headcount</b>		181,354	185,382	188,418	190,494	192,817	195,760	199,496	202,554	206,967	209,509	212,080	17%

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

	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Bowie</b>											
FTES	4,744	4,795	4,818	4,841	4,872	4,953	5,004	5,111	5,139	5,177	10%
FTDES	3,850									4,201	9%
<b>Coppin</b>											
FTES	2,321	2,342	2,354	2,365	2,382	2,421	2,448	2,498	2,511	2,546	11%
FTDES	1,490									1,634	10%
<b>Frostburg</b>											
FTES	4,641	4,683	4,699	4,713	4,735	4,806	4,852	4,953	4,973	5,019	9%
FTDES	3,829									4,141	8%
<b>Salisbury</b>											
FTES	7,973	8,070	8,108	8,143	8,194	8,332	8,422	8,612	8,659	8,724	10%
FTDES	6,690									7,320	9%
<b>Towson</b>											
FTES	18,867	19,056	19,136	19,212	19,321	19,630	19,826	20,251	20,349	20,484	9%
FTDES	15,316									16,629	9%
<b>University of Baltimore</b>											
FTES	4,120	4,171	4,199	4,234	4,279	4,352	4,404	4,485	4,523	4,593	14%
FTDES	1,969									2,195	11%

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

	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>UMB</b>											
FTES	6,764	6,846	6,901	6,971	7,062	7,210	7,305	7,417	7,516	7,584	14%
FTDES	5,893									6,608	12%
<b>UMBC</b>											
FTES	11,215	11,312	11,346	11,379	11,439	11,607	11,708	11,937	11,981	12,044	8%
FTDES	9,456									10,155	7%
<b>UMCP</b>											
FTES	33,446	33,785	33,942	34,114	34,380	35,002	35,397	36,153	36,402	36,700	11%
FTDES	29,203									32,045	10%
<b>UMES</b>											
FTES	3,691	3,724	3,732	3,741	3,757	3,813	3,845	3,919	3,933	3,970	8%
FTDES	2,956									3,180	8%
<b>UMUC</b>											
FTES	36,351	37,246	37,975	38,789	39,765	40,714	41,614	42,712	43,539	44,306	26%
FTDES	n/a									n/a	n/a
<b>TOTAL SYSTEM OF MD.</b>											
FTES	134,133	136,030	137,210	138,502	140,186	142,840	144,825	148,048	149,525	151,147	14%
FTDES (except UMUC)	80,652									88,108	9%

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

	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Morgan State</b>											
FTES	6,944	7,027	7,067	7,102	7,153	7,281	7,361	7,522	7,571	7,635	11%
FTDES	5,635									6,195	10%
<b>St. Mary's College</b>											
FTES	1,676	1,691	1,695	1,699	1,707	1,733	1,749	1,786	1,792	1,803	8%
FTDES	1,535									1,652	8%
<b>TOTAL 4-YEAR PUBLIC</b>											
FTES	142,753	144,748	145,972	147,303	149,046	151,854	153,935	157,356	158,888	160,585	14%
FTDES (except UMUC)	87,822									95,955	9%

**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 ten 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 ten-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 2026 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 ten 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 2026 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 2026 (FY 2027).
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 2026. 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.



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

	FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Allegheny College of Md.</b>												
Full-time	1,419	1,440	1,450	1,461	1,494	1,522	1,652	1,632	1,699	1,777	1,833	29%
Part-time	1,511	1,565	1,614	1,593	1,611	1,649	1,692	1,722	1,757	1,791	1,820	20%
<b>Total Headcount</b>	<b>2,930</b>	<b>3,005</b>	<b>3,064</b>	<b>3,054</b>	<b>3,105</b>	<b>3,171</b>	<b>3,344</b>	<b>3,354</b>	<b>3,456</b>	<b>3,568</b>	<b>3,653</b>	<b>25%</b>
<b>Anne Arundel CC</b>												
Full-time	3,907	3,949	4,095	4,153	4,288	4,410	4,566	4,767	4,970	5,221	5,472	40%
Part-time	9,997	10,118	10,417	10,538	10,647	10,883	11,149	11,339	11,481	11,692	11,896	19%
<b>Total Headcount</b>	<b>13,904</b>	<b>14,067</b>	<b>14,512</b>	<b>14,691</b>	<b>14,935</b>	<b>15,293</b>	<b>15,715</b>	<b>16,106</b>	<b>16,451</b>	<b>16,913</b>	<b>17,368</b>	<b>25%</b>
<b>Baltimore City CC</b>												
Full-time	1,295	1,311	1,360	1,385	1,431	1,473	1,529	1,596	1,645	1,758	1,829	41%
Part-time	2,496	2,532	2,610	2,640	2,672	2,737	2,793	2,862	2,902	2,973	3,022	21%
<b>Total Headcount</b>	<b>3,791</b>	<b>3,843</b>	<b>3,970</b>	<b>4,025</b>	<b>4,103</b>	<b>4,210</b>	<b>4,322</b>	<b>4,458</b>	<b>4,547</b>	<b>4,731</b>	<b>4,851</b>	<b>28%</b>
<b>Carroll CC</b>												
Full-time	1,164	1,195	1,238	1,254	1,294	1,331	1,379	1,439	1,485	1,561	1,640	41%
Part-time	2,190	2,228	2,296	2,332	2,359	2,414	2,476	2,522	2,583	2,634	2,638	20%
<b>Total Headcount</b>	<b>3,354</b>	<b>3,423</b>	<b>3,534</b>	<b>3,586</b>	<b>3,653</b>	<b>3,745</b>	<b>3,855</b>	<b>3,961</b>	<b>4,068</b>	<b>4,195</b>	<b>4,278</b>	<b>28%</b>
<b>CC Baltimore County</b>												
Full-time	6,105	6,127	6,322	6,446	6,621	6,775	6,979	7,249	7,567	7,907	8,154	34%
Part-time	15,088	15,251	15,761	15,955	16,179	16,598	17,068	17,422	17,858	18,256	18,650	24%
<b>Total Headcount</b>	<b>21,193</b>	<b>21,378</b>	<b>22,083</b>	<b>22,401</b>	<b>22,800</b>	<b>23,373</b>	<b>24,047</b>	<b>24,671</b>	<b>25,425</b>	<b>26,163</b>	<b>26,804</b>	<b>26%</b>
<b>Cecil CC</b>												
Full-time	947	961	998	1,010	1,044	1,076	1,116	1,167	1,225	1,288	1,349	42%
Part-time	1,665	1,705	1,760	1,773	1,795	1,840	1,889	1,926	1,960	2,002	2,027	22%
<b>Total Headcount</b>	<b>2,612</b>	<b>2,666</b>	<b>2,758</b>	<b>2,783</b>	<b>2,839</b>	<b>2,916</b>	<b>3,005</b>	<b>3,093</b>	<b>3,185</b>	<b>3,290</b>	<b>3,376</b>	<b>29%</b>
<b>College of Southern Md</b>												
Full-time	2,945	3,051	3,172	3,172	3,285	3,389	3,520	3,685	3,850	4,057	4,259	45%
Part-time	4,734	4,887	5,028	5,051	5,100	5,209	5,333	5,421	5,497	5,595	5,600	18%
<b>Total Headcount</b>	<b>7,679</b>	<b>7,938</b>	<b>8,200</b>	<b>8,223</b>	<b>8,385</b>	<b>8,598</b>	<b>8,853</b>	<b>9,106</b>	<b>9,347</b>	<b>9,652</b>	<b>9,859</b>	<b>28%</b>
<b>Chesapeake CC</b>												
Full-time	666	683	709	711	735	756	783	818	846	889	939	41%
Part-time	1,457	1,481	1,525	1,534	1,550	1,586	1,625	1,653	1,684	1,717	1,742	20%
<b>Total Headcount</b>	<b>2,123</b>	<b>2,164</b>	<b>2,234</b>	<b>2,245</b>	<b>2,285</b>	<b>2,342</b>	<b>2,408</b>	<b>2,471</b>	<b>2,530</b>	<b>2,606</b>	<b>2,681</b>	<b>26%</b>
<b>Frederick CC</b>												
Full-time	1,996	2,063	2,145	2,159	2,234	2,304	2,391	2,503	2,652	2,791	2,879	44%
Part-time	4,256	4,437	4,586	4,676	4,767	4,917	5,018	5,216	5,334	5,480	5,597	32%
<b>Total Headcount</b>	<b>6,252</b>	<b>6,500</b>	<b>6,731</b>	<b>6,835</b>	<b>7,001</b>	<b>7,221</b>	<b>7,409</b>	<b>7,719</b>	<b>7,986</b>	<b>8,271</b>	<b>8,476</b>	<b>36%</b>

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

	FALL 16 FY 17 Actual	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Garrett</b>												
Full-time	523	515	529	533	545	555	601	588	609	633	653	25%
Part-time	230	234	241	243	246	251	258	263	267	273	278	21%
Total Headcount	753	749	770	776	791	806	859	851	876	906	931	24%
<b>Hagerstown CC</b>												
Full-time	1,065	1,078	1,118	1,131	1,170	1,205	1,249	1,306	1,371	1,442	1,512	42%
Part-time	2,996	3,036	3,126	3,151	3,182	3,251	3,329	3,385	3,446	3,508	3,550	18%
Total Headcount	4,061	4,114	4,244	4,282	4,352	4,456	4,578	4,691	4,817	4,950	5,062	25%
<b>Harford CC</b>												
Full-time	2,214	2,260	2,344	2,385	2,461	2,531	2,620	2,735	2,856	3,000	3,116	41%
Part-time	4,025	4,111	4,239	4,260	4,311	4,413	4,528	4,612	4,681	4,774	4,864	21%
Total Headcount	6,239	6,371	6,583	6,645	6,772	6,944	7,148	7,347	7,537	7,774	7,980	28%
<b>Howard CC</b>												
Full-time	3,582	3,724	3,873	3,936	4,074	4,201	4,361	4,566	4,812	5,069	5,217	46%
Part-time	5,920	6,135	6,325	6,455	6,565	6,754	6,932	7,129	7,271	7,453	7,592	28%
Total Headcount	9,502	9,859	10,198	10,391	10,639	10,955	11,293	11,695	12,083	12,522	12,809	35%
<b>Montgomery</b>												
Full-time	8,493	8,672	9,071	9,390	9,746	10,077	10,491	11,013	11,480	12,134	12,697	49%
Part-time	15,423	15,608	16,074	16,277	16,447	16,815	17,231	17,527	17,783	18,113	18,386	19%
Total Headcount	23,916	24,280	25,145	25,667	26,193	26,892	27,722	28,540	29,263	30,247	31,083	30%
<b>Prince George's CC</b>												
Full-time	3,504	3,545	3,680	3,729	3,853	3,971	4,108	4,300	4,592	4,803	4,958	41%
Part-time	8,913	9,027	9,276	9,325	9,399	9,586	9,815	9,940	10,309	10,357	10,418	17%
Total Headcount	12,417	12,572	12,956	13,054	13,252	13,557	13,923	14,240	14,901	15,160	15,376	24%
<b>Wor-Wic CC</b>												
Full-time	833	853	895	920	961	999	1,055	1,103	1,165	1,237	1,302	56%
Part-time	2,265	2,333	2,431	2,486	2,542	2,629	2,695	2,804	2,874	2,960	3,031	34%
Total Headcount	3,098	3,186	3,326	3,406	3,503	3,628	3,750	3,907	4,039	4,197	4,333	40%
<b>Total Community Colleges</b>												
Full-time	40,658	41,427	42,999	43,775	45,236	46,575	48,400	50,467	52,824	55,567	57,809	42%
Part-time	83,166	84,688	87,309	88,289	89,372	91,532	93,831	95,743	97,687	99,578	101,111	22%
Total Headcount	123,824	126,115	130,308	132,064	134,608	138,107	142,231	146,210	150,511	155,145	158,920	28%

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

	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
<b>Allegany College of Md.</b>											
FTES	1,937	1,963	1,967	2,005	2,045	2,188	2,178	2,256	2,344	2,409	27%
FTDES	1,326									1,648	24%
<b>Anne Arundel CC</b>											
FTES	8,189	8,464	8,573	8,765	8,990	9,263	9,559	9,839	10,198	10,555	30%
FTDES	5,414									6,978	29%
<b>Baltimore City CC</b>											
FTES	2,495	2,582	2,622	2,688	2,762	2,848	2,952	3,024	3,183	3,284	33%
FTDES	1,439									1,894	32%
<b>Carroll CC</b>											
FTES	2,207	2,282	2,314	2,370	2,433	2,511	2,597	2,672	2,778	2,870	33%
FTDES	1,541									2,004	30%
<b>CC Baltimore County</b>											
FTES	12,404	12,808	13,017	13,293	13,618	14,017	14,446	14,959	15,482	15,901	29%
FTDES	7,658									9,816	28%
<b>Cecil CC</b>											
FTES	1,607	1,665	1,683	1,726	1,775	1,835	1,901	1,974	2,055	2,128	35%
FTDES	1,048									1,388	32%
<b>College of Southern Md</b>											
FTES	4,973	5,152	5,160	5,298	5,447	5,630	5,836	6,039	6,293	6,510	35%
FTDES	2,952									3,864	31%
<b>Chesapeake CC</b>											
FTES	1,230	1,272	1,278	1,308	1,343	1,384	1,431	1,471	1,527	1,588	32%
FTDES	922									1,191	29%
<b>Frederick CC</b>											
FTES	3,874	4,018	4,066	4,181	4,312	4,444	4,639	4,845	5,050	5,189	39%
FTDES	2,588									3,467	34%

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

	FALL 17 FY 18 Projected	FALL 18 FY 19 Projected	FALL 19 FY 20 Projected	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	FALL 26 FY 27 Projected	% Change 16-26
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**Garrett**

FTES	574	590	594	607	618	665	654	676	701	722	24%
FTDES	441									554	26%

**Hagerstown CC**

FTES	2,625	2,713	2,740	2,802	2,875	2,963	3,058	3,165	3,280	3,386	31%
FTDES	1,503									1,939	29%

**Harford CC**

FTES	3,909	4,046	4,097	4,198	4,310	4,447	4,601	4,756	4,944	5,101	33%
FTDES	2,706									3,532	31%

**Howard CC**

FTES	6,525	6,766	6,886	7,083	7,298	7,546	7,853	8,184	8,544	8,763	39%
FTDES	4,459									5,988	34%

**Montgomery**

FTES	16,057	16,699	17,146	17,624	18,149	18,788	19,507	20,146	21,030	21,787	38%
FTDES	11,345									15,393	36%

**Prince George's CC**

FTES	7,557	7,808	7,884	8,055	8,263	8,509	8,778	9,257	9,519	9,721	30%
FTDES	4,447									5,721	29%

**Wor-Wic CC**

FTES	1,857	1,942	1,991	2,059	2,136	2,224	2,320	2,418	2,532	2,633	46%
FTDES	1,264									1,793	42%

**Total Community Colleges**

FTES	78,020	80,770	82,018	84,062	86,374	89,262	92,310	95,681	99,460	102,547	34%
FTDES	51,053									67,170	32%

**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 ten 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 ten-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 2026 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 ten 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 ten 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 2026 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 2026 (FY 2027).
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 2026.

**PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS  
MARYLAND COMMUNITY COLLEGES  
FISCAL YEARS 2017 - 2026**

College	FY16 actual	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	FY26	Percent Change FY16- FY26
Allegany	411	417	423	429	435	441	447	453	459	465	472	15%
Anne Arundel	3,234	3,241	3,249	3,256	3,263	3,271	3,278	3,285	3,293	3,300	3,308	2%
Baltimore City	2,102	2,114	2,126	2,138	2,150	2,162	2,174	2,186	2,198	2,210	2,223	6%
Baltimore County	3,884	3,895	3,906	3,917	3,928	3,939	3,950	3,961	3,973	3,985	3,997	3%
Carroll	475	481	487	493	499	505	511	517	523	529	535	13%
Cecil	328	330	333	336	339	342	345	348	351	354	357	9%
Chesapeake	636	637	638	639	640	641	642	643	644	645	646	2%
Frederick	614	627	641	655	669	684	699	714	730	746	762	24%
Garrett	242	252	266	281	297	314	331	350	369	389	410	69%
Hagerstown	730	740	750	760	770	780	791	802	813	824	835	14%
Harford	865	868	871	874	877	880	883	886	889	892	895	3%
Howard	1,326	1,354	1,383	1,412	1,442	1,473	1,504	1,536	1,569	1,602	1,636	23%
Montgomery	2,861	2,873	2,885	2,897	2,910	2,923	2,936	2,949	2,962	2,975	2,988	4%
Prince George's	4,414	4,444	4,474	4,505	4,536	4,567	4,598	4,630	4,662	4,694	4,726	7%
Southern Maryland	881	893	905	917	930	943	956	969	982	996	1,010	15%
Wor-Wic	881	903	925	948	971	995	1,020	1,045	1,071	1,097	1,124	28%
<b>SYSTEMWIDE</b>	<b>23,884</b>	<b>24,069</b>	<b>24,262</b>	<b>24,457</b>	<b>24,656</b>	<b>24,860</b>	<b>25,065</b>	<b>25,274</b>	<b>25,488</b>	<b>25,703</b>	<b>25,924</b>	<b>9%</b>

**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 three years categorized by gender and age (11 groupings).
2. The number of residents in each Maryland county for the past three 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 2027 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.