



ENROLLMENT PROJECTIONS

2012 – 2021

MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

July 2012

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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 2021. 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 314,292 students was 99.9% accurate. This is the seventh report in which it is possible to assess the performance of the projection model over a 10-year period. The Commission's 2002 projections were highly accurate for the public four-year campuses (99.9%) and for all students enrolled (93.2%). The community college projections were less precise (85.4%), largely because of the unanticipated enrollment increases that resulted from the recent economic recession.

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

- Total headcount enrollment at Maryland public colleges and universities is projected to be 21% higher (65,975 students) in 2021. In 2011, full-time and part-time students represented nearly equal proportions of the student population, and that trend is expected to continue through 2021. Total enrollments are expected to increase by 20% (29,250 students) at the community colleges and by 22% (36,725 students) at the public four-year campuses by 2021.
- There will be a considerable 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 31% (16,390 students) while part-time enrollments are expected to increase by 13% (12,860). Conversely, at the public four-year campuses, full-time undergraduates are anticipated to increase by just 15% (12,869 students) while part-time undergraduate enrollments are estimated to rise by 34% (11,293 students).
- Graduate and professional enrollment is expected to increase by 27% (12,563 students) by 2021. The majority of this increase is expected to occur among part-time attendees. While full-time graduate enrollment is expected to increase by 11% (1,957 students), part-time enrollments are expected to increase by 39% (10,606 students).
- Although graduate enrollment is expected to increase 27% by 2021, undergraduate enrollment will also increase 20% over that time period. Nearly 53,500 additional undergraduate students are expected to be enrolled in Maryland public institutions by 2021. It is expected that nearly 53% of these students will attend full-time.
- At the community colleges, FTE enrollments are expected to increase by 24% (22,681 students) while FTDE enrollments are projected to increase by 24% (14,437 students). FTE and FTDE figures are predicted to grow by 19% (24,630 students) and 13% (11,429 students), respectively, at the public four-year institutions.
- State-funded noncredit FTE continuing education enrollments at the community colleges are projected to increase by 12% to slightly over 30,000 students by 2021, an increase of 3,245 students.

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 11 FY 12 Actual	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Allegany College of M.d.												
Full-time	1,909	1,910	1,922	1,954	1,995	2,035	2,048	2,101	2,121	2,175	2,234	17%
Part-time	1,861	1,886	1,908	1,940	1,970	2,002	2,048	2,059	2,085	2,124	2,141	15%
Total Headcount	3,770	3,796	3,830	3,894	3,965	4,037	4,096	4,160	4,206	4,299	4,375	16%
Anne Arundel CC												
Full-time	5,331	5,452	5,559	5,619	5,729	5,910	5,998	6,130	6,184	6,331	6,638	25%
Part-time	12,626	12,863	12,980	13,192	13,400	13,608	13,853	13,957	14,004	14,094	14,256	13%
Total Headcount	17,957	18,315	18,539	18,811	19,129	19,518	19,851	20,087	20,188	20,425	20,894	16%
BCCC												
Full-time	3,104	3,210	3,324	3,391	3,503	3,666	3,765	3,885	4,097	4,199	4,323	39%
Part-time	3,982	4,016	4,141	4,242	4,369	4,474	4,589	4,674	4,722	4,864	4,948	24%
Total Headcount	7,086	7,226	7,465	7,633	7,872	8,140	8,354	8,559	8,819	9,063	9,271	31%
Carroll CC												
Full-time	1,647	1,666	1,717	1,774	1,832	1,907	1,947	2,000	2,009	2,069	2,181	32%
Part-time	2,394	2,423	2,456	2,486	2,513	2,542	2,591	2,594	2,628	2,653	2,698	13%
Total Headcount	4,041	4,089	4,173	4,260	4,345	4,449	4,538	4,594	4,637	4,722	4,879	21%
CCBC												
Full-time	8,973	8,992	9,218	9,534	9,962	10,231	10,565	11,286	11,433	11,887	12,341	38%
Part-time	17,298	17,446	17,639	17,933	18,142	18,330	18,588	18,644	18,752	18,934	19,190	11%
Total Headcount	26,271	26,438	26,857	27,467	28,104	28,561	29,153	29,930	30,185	30,821	31,531	20%
Cecil CC												
Full-time	1,077	1,112	1,142	1,160	1,195	1,249	1,278	1,317	1,346	1,390	1,463	36%
Part-time	1,529	1,545	1,560	1,579	1,595	1,612	1,642	1,644	1,652	1,668	1,674	9%
Total Headcount	2,606	2,657	2,702	2,739	2,790	2,861	2,920	2,961	2,998	3,058	3,137	20%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 11 FY 12 Actual	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Chesapeake CC												
Full-time	995	1,017	1,041	1,067	1,095	1,141	1,165	1,197	1,204	1,240	1,313	32%
Part-time	1,987	2,008	2,049	2,086	2,109	2,144	2,194	2,217	2,246	2,287	2,327	17%
Total Headcount	2,982	3,025	3,090	3,153	3,204	3,285	3,359	3,414	3,450	3,527	3,640	22%
Frederick CC												
Full-time	2,299	2,308	2,366	2,454	2,533	2,598	2,654	2,736	2,770	2,873	2,972	29%
Part-time	3,970	4,022	4,062	4,111	4,161	4,204	4,243	4,283	4,283	4,326	4,369	10%
Total Headcount	6,269	6,330	6,428	6,565	6,694	6,802	6,897	7,019	7,053	7,199	7,341	17%
Garrett												
Full-time	706	706	717	734	757	771	791	812	829	854	883	25%
Part-time	196	200	206	213	220	226	233	241	247	254	262	34%
Total Headcount	902	906	923	947	977	997	1,024	1,053	1,076	1,108	1,145	27%
Hagerstown CC												
Full-time	1,467	1,527	1,574	1,604	1,663	1,726	1,771	1,829	1,870	1,949	2,024	38%
Part-time	3,247	3,289	3,333	3,407	3,465	3,525	3,610	3,637	3,687	3,761	3,806	17%
Total Headcount	4,714	4,816	4,907	5,011	5,128	5,251	5,381	5,466	5,557	5,710	5,830	24%
Harford CC												
Full-time	2,917	3,026	3,100	3,163	3,251	3,385	3,456	3,552	3,610	3,718	3,877	33%
Part-time	4,215	4,215	4,335	4,435	4,517	4,582	4,680	4,721	4,754	4,861	4,918	17%
Total Headcount	7,132	7,241	7,435	7,598	7,768	7,967	8,136	8,273	8,364	8,579	8,795	23%
Howard CC												
Full-time	3,712	3,737	3,926	4,032	4,156	4,207	4,414	4,609	4,670	4,824	4,988	34%
Part-time	6,369	6,443	6,619	6,814	6,939	7,073	7,145	7,326	7,455	7,640	7,724	21%
Total Headcount	10,081	10,180	10,545	10,846	11,095	11,280	11,559	11,935	12,125	12,464	12,712	26%

Projections of Headcount Enrollment at Maryland Community Colleges

		FALL 11 FY 12 Actual	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Montgomery													
	Full-time	9,728	9,705	9,904	10,281	10,615	10,743	10,919	11,228	11,270	11,609	11,925	23%
	Part-time	17,268	17,402	17,639	17,811	17,962	18,107	18,309	18,422	18,529	18,654	18,771	9%
Total Headcount		26,996	27,107	27,543	28,092	28,577	28,850	29,228	29,650	29,799	30,263	30,696	14%
Prince George's CC													
	Full-time	4,620	4,704	4,849	5,001	5,172	5,366	5,512	5,656	5,774	6,028	6,229	35%
	Part-time	10,027	10,146	10,324	10,453	10,577	10,717	10,904	11,064	11,322	11,504	11,645	16%
Total Headcount		14,647	14,850	15,173	15,454	15,749	16,083	16,416	16,720	17,096	17,532	17,874	22%
So M d.													
	Full-time	3,484	3,597	3,663	3,651	3,796	3,903	4,039	4,153	4,180	4,286	4,458	28%
	Part-time	5,669	5,735	5,809	5,892	5,944	6,001	6,103	6,129	6,147	6,174	6,204	9%
Total Headcount		9,153	9,332	9,472	9,543	9,740	9,904	10,142	10,282	10,327	10,460	10,662	16%
Wor-Wic CC													
	Full-time	1,342	1,347	1,407	1,477	1,535	1,571	1,601	1,664	1,698	1,771	1,852	38%
	Part-time	2,721	2,775	2,824	2,919	2,994	3,062	3,107	3,162	3,197	3,261	3,286	21%
Total Headcount		4,063	4,122	4,231	4,396	4,529	4,633	4,708	4,826	4,895	5,032	5,138	26%
Total Community Colleges													
	Full-time	53,311	54,016	55,429	56,896	58,789	60,409	61,923	64,155	65,065	67,203	69,701	31%
	Part-time	95,359	96,414	97,884	99,513	100,877	102,209	103,839	104,774	105,710	107,059	108,219	13%
Total Headcount		148,670	150,430	153,313	156,409	159,666	162,618	165,762	168,929	170,775	174,262	177,920	20%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 11	FALL 12	FALL 13	FALL 14	FALL 15	FALL 16	FALL 17	FALL 18	FALL 19	FALL 20	FALL 21	% Change 11-21
		FY 12 Actual	FY 13 Projected	FY 14 Projected	FY 15 Projected	FY 16 Projected	FY 17 Projected	FY 18 Projected	FY 19 Projected	FY 20 Projected	FY 21 Projected	FY 22 Projected	
Bowie													
Undergraduate													
	Full-time	3,669	3,694	3,743	3,782	3,841	3,914	3,936	4,008	4,105	4,193	4,312	18%
	Part-time	783	803	860	894	929	951	981	1,010	1,038	1,067	1,092	39%
Total Undergraduate		4,452	4,497	4,603	4,676	4,770	4,865	4,917	5,018	5,143	5,260	5,404	21%
Graduate													
	Full-time	402	407	411	416	420	429	431	437	442	450	456	13%
	Part-time	754	763	777	788	797	804	812	830	852	882	924	23%
Total Graduate		1,156	1,170	1,188	1,204	1,217	1,233	1,243	1,267	1,294	1,332	1,380	19%
Total Headcount		5,608	5,667	5,791	5,880	5,987	6,098	6,160	6,285	6,437	6,592	6,784	21%
Coppin													
Undergraduate													
	Full-time	2,368	2,382	2,413	2,436	2,473	2,518	2,530	2,574	2,635	2,690	2,764	17%
	Part-time	927	953	1,021	1,063	1,107	1,134	1,173	1,209	1,245	1,281	1,313	42%
Total Undergraduate		3,295	3,335	3,434	3,499	3,580	3,652	3,703	3,783	3,880	3,971	4,077	24%
Graduate													
	Full-time	155	157	159	161	163	166	167	169	171	175	177	14%
	Part-time	363	368	375	381	386	390	394	404	415	430	452	25%
Total Graduate		518	525	534	542	549	556	561	573	586	605	629	21%
Total Headcount		3,813	3,860	3,968	4,041	4,129	4,208	4,264	4,356	4,466	4,576	4,706	23%
Frostburg													
Undergraduate													
	Full-time	4,372	4,375	4,377	4,379	4,381	4,383	4,385	4,387	4,389	4,391	4,393	0%
	Part-time	359	362	365	365	365	365	365	365	365	365	365	2%
Total Undergraduate		4,731	4,737	4,742	4,744	4,746	4,748	4,750	4,752	4,754	4,756	4,758	1%
Graduate													
	Full-time	234	236	238	240	242	244	246	248	250	252	254	9%
	Part-time	464	476	478	480	482	484	486	488	490	492	494	6%
Total Graduate		698	712	716	720	724	728	732	736	740	744	748	7%
Total Headcount		5,429	5,449	5,458	5,464	5,470	5,476	5,482	5,488	5,494	5,500	5,506	1%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 11	FALL 12	FALL 13	FALL 14	FALL 15	FALL 16	FALL 17	FALL 18	FALL 19	FALL 20	FALL 21	% Change 11-21
		FY 12 Actual	FY 13 Projected	FY 14 Projected	FY 15 Projected	FY 16 Projected	FY 17 Projected	FY 18 Projected	FY 19 Projected	FY 20 Projected	FY 21 Projected	FY 22 Projected	
Salisbury													
Undergraduate													
	Full-time	7,304	7,355	7,425	7,485	7,552	7,619	7,677	7,726	7,802	7,802	7,802	7%
	Part-time	588	619	624	629	635	641	646	650	656	656	656	12%
Total Undergraduate		7,892	7,974	8,049	8,114	8,187	8,260	8,323	8,376	8,458	8,458	8,458	7%
Graduate													
	Full-time	298	294	305	319	330	341	356	375	378	378	378	27%
	Part-time	416	437	452	473	489	505	527	555	561	561	561	35%
Total Graduate		714	731	757	792	819	846	883	930	939	939	939	32%
Total Headcount		8,606	8,705	8,806	8,906	9,006	9,106	9,206	9,306	9,397	9,397	9,397	9%
Towson													
Undergraduate													
	Full-time	15,590	15,682	15,879	16,033	16,270	16,565	16,641	16,934	17,331	17,689	18,173	17%
	Part-time	1,927	1,973	2,108	2,187	2,269	2,317	2,388	2,452	2,516	2,581	2,635	37%
Total Undergraduate		17,517	17,655	17,987	18,220	18,539	18,882	19,029	19,386	19,847	20,270	20,808	19%
Graduate													
	Full-time	1,266	1,279	1,292	1,305	1,317	1,343	1,346	1,364	1,378	1,400	1,419	12%
	Part-time	2,681	2,710	2,755	2,790	2,815	2,837	2,860	2,919	2,994	3,092	3,237	21%
Total Graduate		3,947	3,989	4,047	4,095	4,132	4,180	4,206	4,283	4,372	4,492	4,656	18%
Total Headcount		21,464	21,644	22,034	22,315	22,671	23,062	23,235	23,669	24,219	24,762	25,464	19%
University of Baltimore													
Undergraduate													
	Full-time	1,944	2,013	2,111	2,284	2,405	2,614	2,760	2,799	2,853	2,895	2,915	50%
	Part-time	1,313	1,342	1,385	1,452	1,501	1,520	1,617	1,650	1,660	1,660	1,667	27%
Total Undergraduate		3,257	3,355	3,496	3,736	3,906	4,134	4,377	4,449	4,513	4,555	4,582	41%
Graduate													
	Full-time	1,456	1,492	1,505	1,521	1,593	1,625	1,700	1,700	1,700	1,700	1,700	17%
	Part-time	1,693	1,751	1,766	1,750	1,775	1,858	1,925	1,945	1,945	1,945	1,945	15%
Total Graduate		3,149	3,243	3,271	3,271	3,368	3,483	3,625	3,645	3,645	3,645	3,645	16%
Total Headcount		6,406	6,598	6,767	7,007	7,274	7,617	8,002	8,094	8,158	8,200	8,227	28%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 11	FALL 12	FALL 13	FALL 14	FALL 15	FALL 16	FALL 17	FALL 18	FALL 19	FALL 20	FALL 21	% Change 11-21
		FY 12 Actual	FY 13 Projected	FY 14 Projected	FY 15 Projected	FY 16 Projected	FY 17 Projected	FY 18 Projected	FY 19 Projected	FY 20 Projected	FY 21 Projected	FY 22 Projected	
UMB													
Undergraduate													
	Full-time	509	513	520	526	535	545	549	559	573	586	603	18%
	Part-time	222	227	243	252	261	267	275	282	290	297	303	36%
Total Undergraduate		731	740	763	778	796	812	824	841	863	883	906	24%
Graduate													
	Full-time	4,518	4,563	4,609	4,655	4,694	4,788	4,796	4,860	4,908	4,985	5,052	12%
	Part-time	1,144	1,158	1,179	1,196	1,208	1,220	1,231	1,259	1,293	1,337	1,402	23%
Total Graduate		5,662	5,721	5,788	5,851	5,902	6,008	6,027	6,119	6,201	6,322	6,454	14%
Total Headcount		6,393	6,461	6,551	6,629	6,698	6,820	6,851	6,960	7,064	7,205	7,360	15%
UMBC													
Undergraduate													
	Full-time	9,051	9,126	9,263	9,375	9,536	9,732	9,800	9,996	10,255	10,491	10,804	19%
	Part-time	1,522	1,563	1,674	1,741	1,811	1,854	1,915	1,972	2,029	2,087	2,136	40%
Total Undergraduate		10,573	10,689	10,937	11,116	11,347	11,586	11,715	11,968	12,284	12,578	12,940	22%
Graduate													
	Full-time	1,136	1,151	1,166	1,181	1,195	1,222	1,228	1,248	1,264	1,288	1,309	15%
	Part-time	1,490	1,498	1,516	1,527	1,533	1,537	1,542	1,566	1,598	1,642	1,710	15%
Total Graduate		2,626	2,649	2,682	2,708	2,728	2,759	2,770	2,814	2,862	2,930	3,019	15%
Total Headcount		13,199	13,338	13,619	13,824	14,075	14,345	14,485	14,782	15,146	15,508	15,959	21%
UMCP													
Undergraduate													
	Full-time	24,697	24,725	24,725	24,625	25,225	25,725	26,175	26,475	26,675	26,775	26,875	9%
	Part-time	2,129	2,075	2,075	2,025	2,050	2,125	2,175	2,225	2,200	2,225	2,225	5%
Total Undergraduate		26,826	26,800	26,800	26,650	27,275	27,850	28,350	28,700	28,875	29,000	29,100	8%
Graduate													
	Full-time	7,536	7,370	7,370	7,270	7,370	7,445	7,495	7,545	7,570	7,570	7,570	0%
	Part-time	3,269	3,475	3,475	3,725	3,750	3,800	3,825	3,850	3,875	3,875	3,875	19%
Total Graduate		10,805	10,845	10,845	10,995	11,120	11,245	11,320	11,395	11,445	11,445	11,445	6%
Total Headcount		37,631	37,645	37,645	37,645	38,395	39,095	39,670	40,095	40,320	40,445	40,545	8%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 11	FALL 12	FALL 13	FALL 14	FALL 15	FALL 16	FALL 17	FALL 18	FALL 19	FALL 20	FALL 21	% Change 11-21
		FY 12 Actual	FY 13 Projected	FY 14 Projected	FY 15 Projected	FY 16 Projected	FY 17 Projected	FY 18 Projected	FY 19 Projected	FY 20 Projected	FY 21 Projected	FY 22 Projected	
UMES													
Undergraduate													
	Full-time	3,536	3,559	3,606	3,644	3,700	3,770	3,790	3,859	3,952	4,037	4,150	17%
	Part-time	326	334	357	371	386	394	407	418	429	441	451	38%
Total Undergraduate		3,862	3,893	3,963	4,015	4,086	4,164	4,197	4,277	4,381	4,478	4,601	19%
Graduate													
	Full-time	365	371	377	382	388	398	401	408	415	424	432	18%
	Part-time	282	286	291	296	300	303	306	313	322	334	350	24%
Total Graduate		647	657	668	678	688	701	707	721	737	758	782	21%
Total Headcount		4,509	4,550	4,631	4,693	4,774	4,865	4,904	4,998	5,118	5,236	5,383	19%
UMUC													
Undergraduate													
	Full-time	5,653	5,767	5,922	6,063	6,240	6,443	6,564	6,773	7,030	7,277	7,581	34%
	Part-time	22,466	23,005	24,574	25,502	26,455	27,012	27,835	28,586	29,330	30,085	30,713	37%
Total Undergraduate		28,119	28,772	30,496	31,565	32,695	33,455	34,399	35,359	36,360	37,362	38,294	36%
Graduate													
	Full-time	237	240	242	245	247	252	253	256	259	263	267	13%
	Part-time	14,357	14,871	15,492	16,076	16,623	17,166	17,733	18,547	19,490	20,629	22,128	54%
Total Graduate		14,594	15,111	15,734	16,321	16,870	17,418	17,986	18,803	19,749	20,892	22,395	53%
Total Headcount		42,713	43,883	46,230	47,886	49,565	50,873	52,385	54,162	56,109	58,254	60,689	42%
TOTAL SYSTEM OF MD.													
Undergraduate													
	Full-time	78,693	79,191	79,984	80,632	82,158	83,828	84,807	86,090	87,600	88,826	90,372	15%
	Part-time	32,562	33,256	35,286	36,481	37,769	38,580	39,777	40,819	41,758	42,745	43,556	34%
Total Undergraduate		111,255	112,447	115,270	117,113	119,927	122,408	124,584	126,909	129,358	131,571	133,928	20%
Graduate													
	Full-time	17,603	17,560	17,674	17,695	17,959	18,253	18,419	18,610	18,735	18,885	19,014	8%
	Part-time	26,913	27,793	28,556	29,482	30,158	30,904	31,641	32,676	33,835	35,219	37,078	38%
Total Graduate		44,516	45,353	46,230	47,177	48,117	49,157	50,060	51,286	52,570	54,104	56,092	26%
Total Headcount		155,771	157,800	161,500	164,290	168,044	171,565	174,644	178,195	181,928	185,675	190,020	22%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 11	FALL 12	FALL 13	FALL 14	FALL 15	FALL 16	FALL 17	FALL 18	FALL 19	FALL 20	FALL 21	% Change 11-21
		FY 12 Actual	FY 13 Projected	FY 14 Projected	FY 15 Projected	FY 16 Projected	FY 17 Projected	FY 18 Projected	FY 19 Projected	FY 20 Projected	FY 21 Projected	FY 22 Projected	
Morgan State													
Undergraduate													
	Full-time	5,965	6,017	6,110	6,187	6,297	6,429	6,478	6,610	6,785	6,945	7,155	20%
	Part-time	746	766	820	853	887	908	938	965	993	1,021	1,045	40%
Total Undergraduate		6,711	6,783	6,930	7,040	7,184	7,337	7,416	7,575	7,778	7,966	8,200	22%
Graduate													
	Full-time	723	777	836	892	950	1,009	1,070	1,129	1,185	1,232	1,269	76%
	Part-time	584	628	675	720	767	815	864	912	957	996	1,025	76%
Total Graduate		1,307	1,405	1,511	1,612	1,717	1,824	1,934	2,041	2,142	2,228	2,294	76%
Total Headcount		8,018	8,188	8,441	8,652	8,901	9,161	9,350	9,616	9,920	10,194	10,494	31%
St. Mary's College													
Undergraduate													
	Full-time	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	1,901	0%
	Part-time	61	61	61	61	61	61	61	61	61	61	61	0%
Total Undergraduate		1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	1,962	0%
Graduate													
	Full-time	30	30	30	30	30	30	30	30	30	30	30	0%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate		30	30	30	30	30	30	30	30	30	30	30	0%
Total Headcount		1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	1992	0%
TOTAL 4-YEAR PUBLIC													
Undergraduate													
	Full-time	86,559	87,109	87,995	88,720	90,356	92,158	93,186	94,601	96,286	97,672	99,428	15%
	Part-time	33,369	34,083	36,167	37,395	38,717	39,549	40,776	41,845	42,812	43,827	44,662	34%
Total Undergraduate		119,928	121,192	124,162	126,115	129,073	131,707	133,962	136,446	139,098	141,499	144,090	20%
Graduate													
	Full-time	18,356	18,367	18,540	18,617	18,939	19,292	19,519	19,769	19,950	20,147	20,313	11%
	Part-time	27,497	28,421	29,231	30,202	30,925	31,719	32,505	33,588	34,792	36,215	38,103	39%
Total Graduate		45,853	46,788	47,771	48,819	49,864	51,011	52,024	53,357	54,742	56,362	58,416	27%
Total Headcount		165,781	167,980	171,933	174,934	178,937	182,718	185,986	189,803	193,840	197,861	202,506	22%

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

	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Allegany College of Md.											
FTES	2,388	2,406	2,446	2,494	2,542	2,568	2,622	2,649	2,712	2,772	17%
FTDES	1,500									1,741	16%
Anne Arundel CC											
FTES	10,807	10,969	11,114	11,313	11,591	11,779	11,964	12,041	12,238	12,638	19%
FTDES	6,918									8,090	17%
BCCC											
FTES	5,150	5,326	5,440	5,615	5,839	5,995	6,163	6,421	6,590	6,762	35%
FTDES	2,300									3,020	31%
Carroll CC											
FTES	2,633	2,698	2,770	2,841	2,931	2,991	3,049	3,070	3,143	3,278	26%
FTDES	1,773									2,208	25%
CCBC											
FTES	15,975	16,288	16,734	17,271	17,629	18,082	18,880	19,078	19,633	20,215	27%
FTDES	10,327									13,068	27%
Catonsville											
FTDES	4,389									5,554	27%
Dundalk											
FTDES	1,549									1,960	27%
Essex											
FTDES	4,389									5,554	27%

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

	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Cecil CC											
FTES	1,862	1,902	1,930	1,976	2,044	2,089	2,134	2,170	2,227	2,313	27%
FTDES	1,124									1,396	24%
Chesapeake CC											
FTES	1,726	1,765	1,804	1,841	1,900	1,941	1,982	1,999	2,050	2,138	26%
FTDES	1,050									1,300	24%
Frederick CC											
FTES	4,169	4,251	4,370	4,479	4,570	4,649	4,757	4,796	4,930	5,060	22%
FTDES	2,248									2,728	21%
Garrett											
FTES	749	761	780	805	820	842	865	883	910	940	26%
FTDES	528									662	25%
Hagerstown CC											
FTES	3,138	3,211	3,277	3,370	3,470	3,557	3,638	3,707	3,830	3,938	29%
FTDES	1,768									2,218	25%
Harford CC											
FTES	4,427	4,541	4,637	4,752	4,908	5,012	5,121	5,190	5,334	5,511	28%
FTDES	3,412									4,247	24%
Howard CC											
FTES	6,337	6,604	6,788	6,966	7,069	7,318	7,593	7,705	7,937	8,144	30%
FTDES	4,936									6,344	29%

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

	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Montgomery											
FTES	17,588	17,903	18,396	18,832	19,032	19,308	19,701	19,789	20,221	20,624	17%
FTDES	12,396									14,536	17%
Rockville											
FTDES	6,942									8,140	17%
Takoma Park											
FTDES	2,851									3,343	17%
Germantown											
FTDES	2,603									3,053	17%
Prince George's CC											
FTES	9,357	9,594	9,819	10,065	10,343	10,585	10,813	11,049	11,413	11,700	27%
FTDES	5,349									6,688	25%
So Md.											
FTES	5,538	5,629	5,645	5,808	5,935	6,106	6,229	6,262	6,378	6,561	21%
FTDES	3,272									3,877	18%
LaPlata/Waldorf											
FTDES	2,061									2,443	18%
Prince Frederick											
FTDES	654									775	18%
Leonardtown											
FTDES	556									659	18%

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

	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Wor-Wic CC											
FTES	2,610	2,698	2,815	2,910	2,977	3,029	3,122	3,175	3,283	3,386	31%
FTDES	1,693									2,196	30%
Total Community Colleges											
FTES	94,454	96,546	98,765	101,338	103,600	105,851	108,633	109,984	112,829	115,980	24%
FTDES	60,594									74,319	23%

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

	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
Bowie											
FTES	4,569	4,645	4,704	4,780	4,871	4,907	5,000	5,117	5,231	5,377	19%
FTDES	3,625									4,266	18%
Coppin											
FTES	2,976	3,034	3,075	3,130	3,188	3,215	3,277	3,355	3,431	3,525	20%
FTDES	2,013									2,385	18%
Frostburg											
FTES	4,578	4,583	4,587	4,592	4,596	4,600	4,605	4,609	4,613	4,618	1%
FTDES	3,563									3,594	1%
Salisbury											
FTES	7,914	8,001	8,082	8,167	8,251	8,332	8,410	8,492	8,492	8,492	8%
FTDES	6,447									6,918	7%
Towson											
FTES	17,925	18,186	18,385	18,660	18,993	19,100	19,441	19,883	20,304	20,855	17%
FTDES	14,948									17,392	16%
University of Baltimore											
FTES	4,524	4,654	4,859	5,076	5,351	5,626	5,682	5,739	5,781	5,804	32%
FTDES	2,180									2,797	28%
UMB											
FTES	6,491	6,568	6,639	6,703	6,832	6,854	6,954	7,043	7,169	7,295	14%
FTDES	5,470									6,148	12%
UMBC											
FTES	10,755	10,941	11,086	11,277	11,504	11,596	11,827	12,117	12,397	12,752	20%
FTDES	8,834									10,474	19%

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

	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	FALL 20 FY 21 Projected	FALL 21 FY 22 Projected	% Change 11-21
UMCP											
FTES	31,589	31,589	31,465	32,131	32,705	33,194	33,543	33,752	33,853	33,946	7%
FTDES	27,840									29,917	7%
UMES											
FTES	4,074	4,135	4,184	4,251	4,333	4,361	4,442	4,547	4,648	4,775	18%
FTDES	3,472									4,070	17%
UMUC											
FTES	25,706	26,930	27,824	28,760	29,553	30,361	31,373	32,507	33,725	35,128	40%
FTDES	n/a									n/a	n/a
TOTAL SYSTEM OF MD.											
FTES	121,101	123,266	124,890	127,527	130,177	132,146	134,554	137,161	139,644	142,567	19%
FTDES (except UMUC)	78,392									87,961	12%
Morgan State											
FTES	7,321	7,508	7,668	7,865	8,081	8,218	8,436	8,694	8,925	9,192	28%
FTDES	5,442									6,833	26%
St. Mary's College											
FTES	1,992	1,992	1,992	1,992	1,992	1,992	1,992	1,992	1,992	1,992	0%
FTDES	1,740									1,740	0%
TOTAL 4-YEAR PUBLIC											
FTES	130,414	132,766	134,550	137,384	140,250	142,356	144,982	147,847	150,561	153,751	18%
FTDES (except UMUC)	85,574									96,534	13%

**PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS
MARYLAND COMMUNITY COLLEGES
FISCAL YEARS 2012 - 2021**

College	FY11 actual	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21	Percent Change FY11- FY21
Allegany	440	442	445	448	450	454	457	459	464	467	470	7%
Anne Arundel	4,055	4,081	4,128	4,175	4,222	4,269	4,317	4,357	4,398	4,438	4,479	10%
Baltimore City	2,477	2,491	2,501	2,512	2,523	2,533	2,544	2,563	2,582	2,601	2,620	6%
Baltimore County	4,632	4,681	4,695	4,708	4,722	4,735	4,749	4,759	4,769	4,778	4,789	3%
Carroll	687	687	707	726	747	768	789	807	826	845	865	26%
Cecil	593	618	630	640	651	661	671	682	691	701	711	20%
Chesapeake	859	896	906	915	925	934	944	954	964	973	983	14%
Frederick	553	597	615	634	654	674	694	714	737	759	782	41%
Garrett	182	185	187	190	194	196	198	201	203	206	209	15%
Hagerstown	738	759	768	777	785	795	803	812	822	830	839	14%
Harford	1,080	1,113	1,116	1,119	1,123	1,126	1,129	1,126	1,123	1,140	1,157	7%
Howard	1,446	1,485	1,500	1,516	1,532	1,549	1,565	1,570	1,576	1,581	1,587	10%
Montgomery	3,083	3,149	3,220	3,290	3,364	3,438	3,514	3,589	3,665	3,742	3,822	24%
Prince George's	4,372	4,408	4,456	4,502	4,550	4,596	4,643	4,694	4,745	4,796	4,847	11%
Southern Maryland	755	808	817	826	836	846	855	865	874	884	893	18%
Wor-Wic	832	842	856	870	884	898	913	928	944	960	976	17%
SYSTEMWIDE	26,784	27,242	27,547	27,848	28,162	28,472	28,785	29,080	29,383	29,701	30,029	12%

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 2021 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 2021 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 2021 (FY 2022).
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 2021.

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 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 2021 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 2021 (FY 2022).
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 2021. 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.

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 2021 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.