



ENROLLMENT PROJECTIONS

2016 – 2025

MARYLAND PUBLIC COLLEGES AND UNIVERSITIES

June 2016

MARYLAND HIGHER EDUCATION COMMISSION
6 North Liberty Street • 10th Floor • Baltimore, MD 21201

Maryland Higher Education Commission

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**Enrollment Projections
2016-2025
Maryland Public Colleges and Universities**

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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 2025. The projections include 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 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. While the enrollment projection model does not account for new policy decisions or unexpected occurrences that are difficult to quantify, the Commission does consult with individual institutions to take such factors into consideration. Historically, the models have been highly precise across all student categories at both the public two- and four-year institutions. The Commission's forecast last year of 308,595 students proved to be 98.7% accurate. This is the tenth report in which it is possible to assess the performance of the projection model over a 10-year period. The accuracy rate of the Commission's overall 2006 projection was 97.7%, projecting a total enrollment of 311,692 compared to an actual enrollment of 304,591, a difference of 7,101 students. The projection was least accurate in projecting the number of graduate students, overstating it by 7,306 students (an accuracy rate of 85.5%). The forecasted number of undergraduate students was 99.9% accurate (261,254, compared to an actual enrollment of 261,459, a difference of 205 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.

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 307,804 in Fall 2016, an increase of 3,213 students (1%) over Fall 2015 actual enrollment.
- Total headcount credit enrollment at Maryland public colleges and universities is projected to be 360,585 in Fall 2025, an increase of 55,994 students (18%) over Fall 2015. Total enrollment at community colleges is expected to increase by 23% (30,495 students) from Fall 2015 to Fall 2025, and enrollment at public four-year colleges and universities is projected to increase by 15% (25,499 students) during the same period.
- Last year, the Commission projected very similar growth for the one-year and ten-year periods, although actual enrollment was flat, decreasing by 618 students (-0.2%). In essence, the Commission continues to project growth of approximately 19% over the ten-year period, although it now expects that increase to begin this year rather than last year.
- Undergraduate enrollment is projected to grow by 50,397 students by 2025, an increase of 19%, reaching a total of 311,856. MHEC continues to project, as it has for the last several years, that the number of full-time undergraduate students at community colleges will rise more rapidly than the number of part-time students. Full-time enrollment is expected to increase to 60,866, an increase of 18,003 (42%), while part-time student enrollments are expected to grow to 100,135, an increase of 12,492 students (14%). This will increase the percentage of full-time students at community colleges from 33% to 38% by Fall 2025. 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 99,257 students, an increase of 8,798), while part-time undergraduate enrollment is expected to grow by 27% (to 51,198 students, an increase of 11,104). This will reduce the percentage of full-time undergraduates from 69% to 66% at four-year institutions.
- Graduate and professional student enrollment is expected to grow to 48,729 students by 2025, an increase of 5,597 (13%). Part-time students will comprise the majority of this increase. While the number of full-time graduate students is projected to grow by 4% (688 students) to 19,454, the number of part-students is expected to rise by 20% (4,909 students) to 29,275.
- Full-time equivalent enrollment (FTE) and full-time day equivalent enrollment (FTDE) are both expected to grow by 31% at community colleges between Fall 2016 and Fall 2026. FTEs are expected to reach 106,129, an increase of 25,030, and FTDEs are projected to rise to 68,629, an increase of 16,272. At public four-year institutions, FTEs are projected to reach 151,433, an increase of 16,519 or 12%, while FTDEs are expected to total 93,501, an increase of 6,875 or 8%.
- State-funded noncredit FTE continuing education enrollments at the community colleges are projected to increase by 9% to 26,709 by Fall 2025, an increase of 2,192 equivalent students.

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 17 Projected	% Change 15-25
Bowie													
Undergraduate													
	Full-time	3,533	3,575	3,600	3,660	3,674	3,707	3,723	3,778	3,794	3,857	3,866	9%
	Part-time	782	793	799	815	831	847	856	865	873	881	889	14%
Total Undergraduate		4,315	4,368	4,399	4,475	4,505	4,554	4,579	4,643	4,667	4,738	4,755	10%
Graduate													
	Full-time	474	475	480	483	483	484	484	484	484	485	487	3%
	Part-time	641	659	672	677	683	686	689	695	701	708	713	11%
Total Graduate		1,115	1,134	1,152	1,160	1,166	1,170	1,173	1,179	1,185	1,193	1,200	8%
Total Headcount		5,430	5,502	5,551	5,635	5,671	5,724	5,752	5,822	5,852	5,931	5,955	10%
Coppin													
Undergraduate													
	Full-time	2,007	2,025	2,033	2,060	2,062	2,074	2,077	2,101	2,104	2,132	2,149	7%
	Part-time	661	670	675	690	703	716	726	735	741	748	754	14%
Total Undergraduate		2,668	2,695	2,708	2,750	2,765	2,790	2,803	2,836	2,845	2,880	2,903	9%
Graduate													
	Full-time	137	138	139	140	141	142	143	144	145	146	147	7%
	Part-time	303	312	319	326	333	341	351	360	368	376	384	27%
Total Graduate		440	450	458	466	474	483	494	504	513	522	531	21%
Total Headcount		3,108	3,145	3,166	3,216	3,239	3,273	3,297	3,340	3,358	3,402	3,434	10%
Frostburg													
Undergraduate													
	Full-time	4,176	4,220	4,244	4,309	4,320	4,353	4,367	4,425	4,439	4,506	4,529	8%
	Part-time	785	792	799	815	827	835	846	859	872	880	889	13%
Total Undergraduate		4,961	5,012	5,043	5,124	5,147	5,188	5,213	5,284	5,311	5,386	5,418	9%
Graduate													
	Full-time	238	239	240	242	242	242	242	242	243	243	244	3%
	Part-time	557	574	588	593	599	604	608	614	620	628	634	14%
Total Graduate		795	813	828	835	841	846	850	856	863	871	878	10%
Total Headcount		5,756	5,825	5,871	5,959	5,988	6,034	6,063	6,140	6,174	6,257	6,296	9%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 17 Projected	% Change 15-25
Salisbury													
Undergraduate													
	Full-time	7,148	7,222	7,290	7,415	7,445	7,516	7,553	7,666	7,703	7,834	7,856	10%
	Part-time	701	710	719	730	741	752	761	770	779	790	801	14%
Total Undergraduate		7,849	7,932	8,009	8,145	8,186	8,268	8,314	8,436	8,482	8,624	8,657	10%
Graduate													
	Full-time	403	405	410	414	415	416	418	419	420	422	425	5%
	Part-time	419	432	442	447	452	456	460	465	471	477	482	15%
Total Graduate		822	837	852	861	867	872	878	884	891	899	907	10%
Total Headcount		8,671	8,769	8,861	9,006	9,053	9,140	9,192	9,320	9,373	9,523	9,564	10%
Towson													
Undergraduate													
	Full-time	16,768	16,980	17,110	17,408	17,485	17,656	17,748	18,019	18,111	18,424	18,481	10%
	Part-time	2,281	2,330	2,338	2,380	2,417	2,455	2,476	2,493	2,512	2,525	2,534	11%
Total Undergraduate		19,049	19,310	19,448	19,788	19,902	20,111	20,224	20,512	20,623	20,949	21,015	10%
Graduate													
	Full-time	1,078	1,084	1,097	1,105	1,106	1,109	1,110	1,112	1,114	1,117	1,123	4%
	Part-time	2,157	2,210	2,282	2,332	2,382	2,403	2,447	2,499	2,548	2,602	2,651	23%
Total Graduate		3,235	3,294	3,379	3,437	3,488	3,512	3,557	3,611	3,662	3,719	3,774	17%
Total Headcount		22,284	22,604	22,827	23,225	23,390	23,623	23,781	24,123	24,285	24,668	24,789	11%
University of Baltimore													
Undergraduate													
	Full-time	2,056	2,080	2,094	2,128	2,135	2,154	2,163	2,194	2,203	2,238	2,243	9%
	Part-time	1,288	1,319	1,335	1,370	1,401	1,435	1,457	1,478	1,499	1,517	1,534	19%
Total Undergraduate		3,344	3,399	3,429	3,498	3,536	3,589	3,620	3,672	3,702	3,755	3,777	13%
Graduate													
	Full-time	1,235	1,242	1,249	1,256	1,262	1,269	1,276	1,284	1,291	1,298	1,305	6%
	Part-time	1,650	1,724	1,784	1,810	1,848	1,872	1,895	1,924	1,956	1,985	2,109	28%
Total Graduate		2,885	2,966	3,033	3,066	3,110	3,141	3,171	3,208	3,247	3,283	3,414	18%
Total Headcount		6,229	6,365	6,462	6,564	6,646	6,730	6,791	6,880	6,949	7,038	7,191	15%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 17 Projected	% Change 15-25
UMB													
Undergraduate													
	Full-time	620	627	631	642	644	649	652	661	664	674	676	9%
	Part-time	246	249	252	258	263	267	271	274	277	310	284	15%
Total Undergraduate		866	876	883	900	907	916	923	935	941	984	960	11%
Graduate													
	Full-time	4,325	4,329	4,336	4,344	4,357	4,363	4,370	4,377	4,387	4,393	4,400	2%
	Part-time	1,138	1,175	1,203	1,217	1,232	1,243	1,254	1,270	1,285	1,303	1,318	16%
Total Graduate		5,463	5,504	5,539	5,561	5,589	5,606	5,624	5,647	5,672	5,696	5,718	5%
Total Headcount		6,329	6,380	6,422	6,461	6,496	6,522	6,547	6,582	6,613	6,680	6,678	6%
UMBC													
Undergraduate													
	Full-time	9,592	9,701	9,763	9,921	9,953	10,037	10,077	10,218	10,257	10,422	10,441	9%
	Part-time	1,703	1,722	1,744	1,770	1,793	1,816	1,827	1,841	1,859	1,871	1,887	11%
Total Undergraduate		11,295	11,423	11,507	11,691	11,746	11,853	11,904	12,059	12,116	12,293	12,328	9%
Graduate													
	Full-time	1,162	1,173	1,184	1,195	1,203	1,210	1,218	1,226	1,234	1,240	1,248	7%
	Part-time	1,468	1,511	1,541	1,573	1,597	1,636	1,654	1,678	1,701	1,728	1,741	19%
Total Graduate		2,630	2,684	2,725	2,768	2,800	2,846	2,872	2,904	2,935	2,968	2,989	14%
Total Headcount		13,925	14,107	14,232	14,459	14,546	14,699	14,776	14,963	15,051	15,261	15,317	10%
UMCP													
Undergraduate													
	Full-time	25,410	25,665	25,793	26,175	26,222	26,408	26,475	26,811	26,877	27,272	27,283	7%
	Part-time	2,033	2,037	2,043	2,049	2,054	2,061	2,067	2,072	2,079	2,085	2,092	3%
Total Undergraduate		27,443	27,702	27,836	28,224	28,276	28,469	28,542	28,883	28,956	29,357	29,375	7%
Graduate													
	Full-time	8,091	8,104	8,128	8,147	8,168	8,188	8,210	8,231	8,255	8,274	8,294	3%
	Part-time	2,606	2,614	2,625	2,630	2,642	2,648	2,653	2,667	2,681	2,699	2,712	4%
Total Graduate		10,697	10,718	10,753	10,777	10,810	10,836	10,863	10,898	10,936	10,973	11,006	3%
Total Headcount		38,140	38,420	38,589	39,001	39,086	39,305	39,405	39,781	39,892	40,330	40,381	6%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 17 Projected	% Change 15-25
UMES													
Undergraduate													
	Full-time	3,291	3,322	3,337	3,385	3,389	3,411	3,418	3,460	3,466	3,515	3,531	7%
	Part-time	452	456	463	472	482	494	503	512	520	527	534	18%
Total Undergraduate		3,743	3,778	3,800	3,857	3,871	3,905	3,921	3,972	3,986	4,042	4,065	9%
Graduate													
	Full-time	485	487	492	496	496	497	498	499	499	501	503	4%
	Part-time	239	246	251	254	256	258	259	262	264	267	270	13%
Total Graduate		724	733	743	750	752	755	757	761	763	768	773	7%
Total Headcount		4,467	4,511	4,543	4,607	4,623	4,660	4,678	4,733	4,749	4,810	4,838	8%
UMUC													
Undergraduate													
	Full-time	8,578	8,770	8,921	9,163	9,291	9,471	9,612	9,852	9,996	10,266	10,396	21%
	Part-time	28,777	29,157	29,830	31,028	32,225	33,529	34,518	35,544	36,567	37,542	38,523	34%
Total Undergraduate		37,355	37,927	38,751	40,191	41,516	43,000	44,130	45,396	46,563	47,808	48,919	31%
Graduate													
	Full-time	108	108	108	108	108	108	108	109	109	109	109	1%
	Part-time	12,785	13,382	13,807	14,053	14,300	14,524	14,739	15,017	15,294	15,623	15,830	24%
Total Graduate		12,893	13,490	13,915	14,161	14,408	14,632	14,847	15,126	15,403	15,732	15,939	24%
Total Headcount		50,248	51,417	52,666	54,352	55,924	57,632	58,977	60,522	61,966	63,540	64,858	29%
TOTAL SYSTEM OF MD.													
Undergraduate													
	Full-time	83,179	84,187	84,816	86,266	86,620	87,436	87,865	89,185	89,614	91,140	91,451	10%
	Part-time	39,709	40,235	40,997	42,377	43,737	45,207	46,308	47,443	48,578	49,676	50,721	28%
Total Undergraduate		122,888	124,422	125,813	128,643	130,357	132,643	134,173	136,628	138,192	140,816	142,172	16%
Graduate													
	Full-time	17,736	17,784	17,863	17,930	17,981	18,028	18,077	18,127	18,181	18,228	18,285	3%
	Part-time	23,963	24,839	25,514	25,912	26,324	26,671	27,009	27,451	27,889	28,396	28,844	20%
Total Graduate		41,699	42,623	43,377	43,842	44,305	44,699	45,086	45,578	46,070	46,624	47,129	13%
Total Headcount		164,587	167,045	169,190	172,485	174,662	177,342	179,259	182,206	184,262	187,440	189,301	15%

Projections of Headcount Enrollment at Maryland Public Four-Year Institutions

		FALL 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 17 Projected	% Change 15-25
Morgan State													
Undergraduate													
	Full-time	5,597	5,648	5,671	5,749	5,754	5,790	5,799	5,867	5,876	5,957	5,990	7%
	Part-time	722	734	740	755	765	776	786	793	801	808	813	13%
Total Undergraduate		6,319	6,382	6,411	6,504	6,519	6,566	6,585	6,660	6,677	6,765	6,803	8%
Graduate													
	Full-time	1,003	1,016	1,037	1,054	1,065	1,076	1,088	1,099	1,111	1,125	1,141	14%
	Part-time	403	413	419	421	423	423	424	425	427	430	431	7%
Total Graduate		1,406	1,429	1,456	1,475	1,488	1,499	1,512	1,524	1,538	1,555	1,572	12%
Total Headcount		7,725	7,811	7,867	7,979	8,007	8,065	8,097	8,184	8,215	8,320	8,375	8%
St. Mary's College													
Undergraduate													
	Full-time	1,683	1,701	1,710	1,736	1,740	1,753	1,759	1,782	1,787	1,814	1,816	8%
	Part-time	63	62	62	63	63	64	64	64	64	64	64	2%
Total Undergraduate		1,746	1,763	1,772	1,799	1,803	1,817	1,823	1,846	1,851	1,878	1,880	8%
Graduate													
	Full-time	27	27	27	28	28	28	28	28	28	28	28	4%
	Part-time	0	0	0	0	0	0	0	0	0	0	0	0%
Total Graduate		27	27	27	28	28	28	28	28	28	28	28	4%
Total Headcount		1,773	1,790	1,799	1,827	1,831	1,845	1,851	1,874	1,879	1,906	1,908	8%
TOTAL 4-YEAR PUBLIC													
Undergraduate													
	Full-time	90,459	91,536	92,197	93,751	94,114	94,979	95,423	96,834	97,277	98,911	99,257	10%
	Part-time	40,494	41,031	41,799	43,195	44,565	46,047	47,158	48,300	49,443	50,548	51,598	27%
Total Undergraduate		130,953	132,567	133,996	136,946	138,679	141,026	142,581	145,134	146,720	149,459	150,855	15%
Graduate													
	Full-time	18,766	18,827	18,927	19,012	19,074	19,132	19,193	19,254	19,320	19,381	19,454	4%
	Part-time	24,366	25,252	25,933	26,333	26,747	27,094	27,433	27,876	28,316	28,826	29,275	20%
Total Graduate		43,132	44,079	44,860	45,345	45,821	46,226	46,626	47,130	47,636	48,207	48,729	13%
Total Headcount		174,085	176,646	178,856	182,291	184,500	187,252	189,207	192,264	194,356	197,666	199,584	15%

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

	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 15-25
Bowie											
FTES	4,454	4,490	4,559	4,580	4,619	4,639	4,698	4,718	4,786	4,801	9%
FTDES	3,604									3,884	8%
Coppin											
FTES	2,421	2,434	2,468	2,478	2,497	2,508	2,538	2,546	2,579	2,601	9%
FTDES	1,669									1,793	7%
Frostburg											
FTES	4,682	4,713	4,783	4,800	4,835	4,853	4,915	4,935	5,004	5,031	9%
FTDES	3,844									4,131	7%
Salisbury											
FTES	7,870	7,948	8,080	8,116	8,191	8,234	8,350	8,393	8,529	8,559	10%
FTDES	6,605									7,183	9%
Towson											
FTES	18,923	19,087	19,412	19,515	19,703	19,813	20,099	20,212	20,539	20,619	10%
FTDES	15,280									16,649	9%
University of Baltimore											
FTES	4,396	4,442	4,505	4,541	4,587	4,619	4,675	4,709	4,768	4,827	12%
FTDES	2,159									2,370	10%

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

	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 15-25
UMB											
FTES	6,409	6,434	6,464	6,490	6,509	6,526	6,553	6,575	6,614	6,620	4%
FTDES	5,653									5,839	3%
UMBC											
FTES	11,433	11,519	11,700	11,753	11,860	11,915	12,070	12,128	12,304	12,339	9%
FTDES	9,559									10,316	8%
UMCP											
FTES	32,623	32,768	33,142	33,210	33,404	33,490	33,825	33,915	34,305	34,340	6%
FTDES	28,495									29,995	5%
UMES											
FTES	4,195	4,220	4,278	4,286	4,315	4,327	4,375	4,385	4,441	4,463	7%
FTDES	3,362									3,577	6%
UMUC											
FTES	30,527	31,211	32,169	32,976	33,888	34,606	35,501	36,265	37,198	37,895	27%
FTDES	n/a									n/a	n/a
TOTAL SYSTEM OF MD.											
FTES	127,933	129,266	131,560	132,745	134,408	135,530	137,599	138,781	141,067	142,095	13%
FTDES (except UMUC)	80,230									85,737	7%

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

	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 15-25
Morgan State											
FTES	6,945	6,993	7,092	7,111	7,161	7,186	7,266	7,290	7,387	7,437	8%
FTDES	5,618									6,016	7%
St. Mary's College											
FTES	1,782	1,791	1,819	1,823	1,837	1,843	1,866	1,871	1,899	1,901	8%
FTDES	1,639									1,748	7%
TOTAL 4-YEAR PUBLIC											
FTES	136,660	138,050	140,471	141,679	143,406	144,559	146,731	147,942	150,353	151,433	12%
FTDES (except UMUC)	87,487									93,501	7%

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 2025 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 2025 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 2025 (FY 2026).
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 2025. 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 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 15-25
Allegany College of M.d.												
Full-time	1,546	1,575	1,548	1,611	1,641	1,721	1,840	1,851	1,916	1,963	2,001	29%
Part-time	1,545	1,570	1,590	1,588	1,605	1,628	1,658	1,679	1,703	1,724	1,759	14%
Total Headcount	3,091	3,145	3,138	3,199	3,246	3,349	3,498	3,530	3,619	3,687	3,760	22%
Anne Arundel CC												
Full-time	4,257	4,337	4,367	4,569	4,700	4,969	5,066	5,266	5,516	5,733	5,934	39%
Part-time	10,432	10,424	10,540	10,614	10,676	10,783	10,931	11,019	11,056	11,140	11,349	9%
Total Headcount	14,689	14,761	14,907	15,183	15,376	15,752	15,997	16,285	16,572	16,873	17,283	18%
Baltimore City CC												
Full-time	1,494	1,402	1,411	1,482	1,526	1,617	1,653	1,720	1,930	1,885	1,938	30%
Part-time	3,232	2,953	3,027	3,057	3,091	3,137	3,179	3,238	3,273	3,319	3,386	5%
Total Headcount	4,726	4,355	4,438	4,539	4,617	4,754	4,832	4,958	5,203	5,204	5,324	13%
Carroll CC												
Full-time	1,297	1,320	1,355	1,417	1,459	1,545	1,578	1,643	1,706	1,776	1,845	42%
Part-time	2,252	2,246	2,302	2,333	2,356	2,388	2,430	2,459	2,503	2,531	2,545	13%
Total Headcount	3,549	3,566	3,657	3,750	3,815	3,933	4,008	4,102	4,209	4,307	4,390	24%
CC Baltimore County												
Full-time	6,454	6,555	6,524	6,600	6,851	6,953	7,048	7,291	7,655	7,916	8,057	25%
Part-time	15,945	15,910	16,249	16,424	16,632	16,912	17,258	17,515	17,848	18,107	18,577	17%
Total Headcount	22,399	22,465	22,773	23,024	23,483	23,865	24,306	24,806	25,503	26,023	26,634	19%
Cecil												
Full-time	1,003	1,030	1,037	1,083	1,117	1,185	1,212	1,263	1,332	1,390	1,438	43%
Part-time	1,588	1,594	1,634	1,643	1,660	1,684	1,715	1,737	1,756	1,778	1,807	14%
Total Headcount	2,591	2,624	2,671	2,726	2,777	2,869	2,927	3,000	3,088	3,168	3,245	25%
College of Southern Md												
Full-time	3,060	3,141	3,225	3,326	3,430	3,637	3,719	3,875	4,067	4,241	4,395	44%
Part-time	5,106	5,172	5,296	5,315	5,361	5,430	5,520	5,581	5,629	5,689	5,720	12%
Total Headcount	8,166	8,313	8,521	8,641	8,791	9,067	9,239	9,456	9,696	9,930	10,115	24%
Chesapeake												
Full-time	706	718	737	762	785	831	848	883	918	955	996	41%
Part-time	1,558	1,552	1,590	1,597	1,611	1,633	1,661	1,679	1,701	1,720	1,753	13%
Total Headcount	2,264	2,270	2,327	2,359	2,396	2,464	2,509	2,562	2,619	2,675	2,749	21%
Frederick CC												
Full-time	2,057	2,105	2,160	2,242	2,310	2,447	2,499	2,603	2,768	2,881	2,933	43%
Part-time	4,140	4,231	4,347	4,423	4,501	4,599	4,662	4,808	4,885	4,979	5,103	23%
Total Headcount	6,197	6,336	6,507	6,665	6,811	7,046	7,161	7,411	7,653	7,860	8,036	30%

Projections of Headcount Enrollment at Maryland Community Colleges

	FALL 15 FY 16 Actual	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 15-25
Garrett												
Full-time	549	555	548	566	577	605	645	630	655	675	688	25%
Part-time	163	163	166	167	169	171	174	176	178	180	184	13%
Total Headcount	712	718	714	733	746	776	819	806	833	855	872	22%
Hagerstown CC												
Full-time	1,090	1,118	1,121	1,171	1,207	1,278	1,306	1,360	1,433	1,492	1,546	42%
Part-time	3,186	3,165	3,238	3,256	3,281	3,320	3,372	3,406	3,444	3,477	3,531	11%
Total Headcount	4,276	4,283	4,359	4,427	4,488	4,598	4,678	4,766	4,877	4,969	5,077	19%
Harford CC												
Full-time	2,395	2,427	2,493	2,622	2,703	2,864	2,925	3,047	3,203	3,337	3,430	43%
Part-time	4,125	4,127	4,227	4,236	4,274	4,331	4,404	4,454	4,488	4,536	4,636	12%
Total Headcount	6,520	6,554	6,720	6,858	6,977	7,195	7,329	7,501	7,691	7,873	8,066	24%
Howard CC												
Full-time	3,659	3,776	3,890	4,086	4,222	4,486	4,596	4,800	5,093	5,320	5,419	48%
Part-time	5,973	6,063	6,210	6,320	6,410	6,527	6,648	6,781	6,867	6,977	7,126	19%
Total Headcount	9,632	9,839	10,100	10,406	10,632	11,013	11,244	11,581	11,960	12,297	12,545	30%
Montgomery												
Full-time	8,890	9,017	9,342	10,002	10,368	11,050	11,357	11,901	12,496	13,104	13,574	53%
Part-time	16,430	16,333	16,750	16,958	17,136	17,387	17,705	17,930	18,110	18,332	18,712	14%
Total Headcount	25,320	25,350	26,092	26,960	27,504	28,437	29,062	29,831	30,606	31,436	32,286	28%
Prince George's CC												
Full-time	3,542	3,740	3,928	4,091	4,202	4,430	4,505	4,673	4,978	5,271	5,339	51%
Part-time	9,695	9,668	9,920	9,997	10,105	10,256	10,463	10,579	10,907	10,955	11,114	15%
Total Headcount	13,237	13,408	13,848	14,088	14,307	14,686	14,968	15,252	15,885	16,226	16,453	24%
Wor-Wic CC												
Full-time	864	877	908	962	999	1,067	1,106	1,153	1,224	1,284	1,333	54%
Part-time	2,273	2,294	2,375	2,421	2,469	2,528	2,574	2,654	2,701	2,759	2,833	25%
Total Headcount	3,137	3,171	3,283	3,383	3,468	3,595	3,680	3,807	3,925	4,043	4,166	33%
Total Community Colleges												
Full-time	42,863	43,693	44,594	46,592	48,097	50,685	51,903	53,959	56,890	59,223	60,866	42%
Part-time	87,643	87,465	89,461	90,349	91,337	92,714	94,354	95,695	97,049	98,203	100,135	14%
Total Headcount	130,506	131,158	134,055	136,941	139,434	143,399	146,257	149,654	153,939	157,426	161,001	23%

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

	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 16-25
Allegany College of M.d.											
FTES	2,051	2,031	2,092	2,127	2,213	2,339	2,356	2,428	2,480	2,529	23%
FTDES	1,388									1,712	23%
Anne Arundel CC											
FTES	8,789	8,866	9,121	9,292	9,635	9,799	10,057	10,352	10,628	10,933	24%
FTDES	5,791									7,203	24%
Baltimore City CC											
FTES	2,754	2,792	2,886	2,950	3,072	3,130	3,230	3,486	3,452	3,539	29%
FTDES	1,560									2,005	29%
Carroll CC											
FTES	2,447	2,511	2,596	2,655	2,770	2,825	2,913	3,005	3,099	3,186	30%
FTDES	1,629									2,120	30%
CC Baltimore County											
FTES	13,059	13,149	13,297	13,650	13,865	14,096	14,458	14,982	15,364	15,692	20%
FTDES	8,082									9,711	20%
Cecil											
FTES	1,634	1,656	1,707	1,749	1,828	1,867	1,928	2,007	2,075	2,136	31%
FTDES	1,064									1,392	31%
College of Southern M d											
FTES	5,210	5,344	5,459	5,587	5,833	5,953	6,142	6,364	6,572	6,748	30%
FTDES	3,010									3,899	30%
Chesapeake											
FTES	1,280	1,312	1,341	1,369	1,425	1,452	1,494	1,538	1,583	1,637	28%
FTDES	953									1,219	28%
Frederick CC											
FTES	3,885	3,989	4,107	4,211	4,399	4,479	4,648	4,859	5,018	5,121	32%
FTDES	2,453									3,234	32%

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

	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	FALL 22 FY 23 Projected	FALL 23 FY 24 Projected	FALL 24 FY 25 Projected	FALL 25 FY 26 Projected	% Change 16-25
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Garrett

FTES	574	568	586	596	623	662	649	673	692	706	23%
FTDES	456									561	23%

Hagerstown CC

FTES	2,713	2,747	2,817	2,873	2,978	3,034	3,116	3,223	3,310	3,400	25%
FTDES	1,474									1,847	25%

Harford CC

FTES	4,071	4,177	4,318	4,418	4,611	4,703	4,851	5,030	5,191	5,326	31%
FTDES	2,921									3,821	31%

Howard CC

FTES	6,528	6,711	6,973	7,160	7,502	7,671	7,951	8,313	8,610	8,777	34%
FTDES	4,433									5,961	34%

Montgomery

FTES	17,077	17,625	18,486	18,988	19,893	20,380	21,111	21,885	22,690	23,395	38%
FTDES	11,759									16,110	37%

Prince George's CC

FTES	8,038	8,352	8,570	8,740	9,061	9,227	9,466	9,944	10,301	10,441	30%
FTDES	4,683									6,083	30%

Wor-Wic CC

FTES	1,847	1,913	1,991	2,050	2,149	2,210	2,293	2,390	2,480	2,563	39%
FTDES	1,262									1,751	39%

Total Community Colleges

FTES	81,957	83,743	86,347	88,415	91,857	93,827	96,663	100,479	103,545	106,129	29%
FTDES	52,918									68,629	30%

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 2025 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 2025 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 2025 (FY 2026).
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 2025.

PROJECTED STATE FUNDED NONCREDIT FULL-TIME EQUIVALENT TRENDS
MARYLAND COMMUNITY COLLEGES
FISCAL YEARS 2016 - 2025

College	FY15 actual	FY16	FY17	FY18	FY19	FY20	FY21	FY22	FY23	FY24	FY25	Percent Change FY15- FY25
Allegany	393	399	405	411	417	423	429	435	441	447	453	15%
Anne Arundel	3,388	3,400	3,412	3,424	3,436	3,448	3,460	3,473	3,485	3,497	3,510	4%
Baltimore City	2,388	2,412	2,436	2,460	2,485	2,510	2,535	2,560	2,586	2,612	2,638	10%
Baltimore County	3,883	3,896	3,910	3,924	3,938	3,952	3,966	3,980	3,994	4,008	4,022	4%
Carroll	507	514	521	528	535	542	549	557	565	573	581	15%
Cecil	346	350	354	358	362	366	370	374	378	382	386	12%
Chesapeake	638	644	650	656	662	668	674	680	687	694	701	10%
Frederick	560	572	584	596	608	621	634	647	660	674	688	23%
Garrett	248	257	270	284	299	315	331	349	367	385	406	64%
Hagerstown	779	791	803	815	828	841	854	867	880	894	908	17%
Harford	910	916	922	928	934	940	946	952	958	964	970	7%
Howard	1,368	1,392	1,417	1,442	1,468	1,494	1,521	1,548	1,576	1,604	1,633	19%
Montgomery	2,646	2,657	2,668	2,679	2,690	2,701	2,713	2,725	2,737	2,749	2,761	4%
Prince George's	4,717	4,739	4,761	4,783	4,805	4,827	4,849	4,871	4,893	4,915	4,937	5%
Southern Maryland	885	896	907	918	929	940	951	963	975	987	999	13%
Wor-Wic	861	884	907	931	955	980	1,006	1,032	1,059	1,087	1,116	30%
STATEWIDE	24,517	24,719	24,927	25,137	25,351	25,568	25,788	26,013	26,241	26,472	26,709	9%

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 2026 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.