

4. First-Year Progression

Purpose

To ensure first-year students are making progress toward credential completion.

Description

Index score based on the percentage of first-time fall credential-seeking curriculum students who graduated prior to or enrolled in postsecondary education the subsequent fall semester.

Calculation

Success Rate

Denominator: First-time fall credential-seeking curriculum students.

Numerator: Of those in the denominator, the number who graduate with a postsecondary credential prior to the subsequent fall term or return to post-secondary education during the subsequent fall term.

Note: See appendix for new first-time fall cohort definition

Index Score

Not Dual Enrolled, Pell, and Underserved Race/Ethnicity (URE) Index Score: College success rate among non-dual enrolled cohort students receiving Pell whose race/ethnicity is identified as historically underserved divided by the statewide success rate for the same subpopulation of students.

Not Dual Enrolled, Pell, and Non-Underserved Race/Ethnicity (Non-URE) Index Score: College success rate among non-dual enrolled cohort students receiving Pell whose race/ethnicity is not identified as historically underserved divided by the statewide success rate for the same subpopulation of students.

Not Dual Enrolled, Non-Pell, and Underserved Race/Ethnicity (URE) Index Score: College success rate among non-dual enrolled cohort students not receiving Pell whose race/ethnicity is identified as historically underserved divided by the statewide success rate for the same subpopulation of students.

Not Dual Enrolled, Non-Pell, and Non-Underserved Race/Ethnicity (Non-URE) Index Score: College success rate among non-dual enrolled cohort students not receiving Pell whose race/ethnicity is not identified as historically underserved divided by the statewide success rate for the same subpopulation of students.

Dual Enrolled and Underserved Race/Ethnicity (URE) Index Score: College success rate among dual enrolled cohort students whose race/ethnicity is identified as historically underserved divided by the statewide success rate for the same subpopulation of students.

Dual Enrolled and Non-Underserved Race/Ethnicity (Non-URE) Index Score: College success rate among dual enrolled cohort students whose race/ethnicity is not identified as historically underserved divided by the statewide success rate for the same subpopulation of students.

Not Dual Enrolled, Pell, and URE Denominator: Number of non-dual enrolled cohort students receiving Pell whose race/ethnicity is identified as historically underserved.

Not Dual Enrolled, Pell, and Non-URE Denominator: Number of non-dual enrolled cohort students receiving Pell whose race/ethnicity is not identified as historically underserved.

Not Dual Enrolled, Non-Pell, and URE Index Denominator: Number of non-dual enrolled cohort students not receiving Pell whose race/ethnicity is identified as historically underserved.

Not Dual Enrolled, Non-Pell, and Non-URE Index Denominator: Number of non-dual enrolled cohort students not receiving Pell whose race/ethnicity is not identified as historically underserved.

Dual Enrolled and URE Index Denominator: Number of dual enrolled cohort students whose race/ethnicity is identified as historically underserved.

Dual Enrolled and Non-URE Index Denominator: Number of dual enrolled cohort students whose race/ethnicity is not identified as historically underserved.

Total Numerator: [(Not Dual Enrolled, Pell, and URE Index Score) × (Not Dual Enrolled, Pell, and URE Denominator)] + [(Not Dual Enrolled, Pell, and Non-URE Index Score) × (Not Dual Enrolled, Pell, and Non-URE Denominator)] + [(Not Dual Enrolled, Non-Pell, and URE Index Score) × (Not Dual Enrolled, Non-Pell, and URE Denominator)] + [(Not Dual Enrolled, Non-Pell, and Non-URE Index Score) × (Not Dual Enrolled, Non-Pell, and Non-URE Denominator)] + [(Dual Enrolled and URE Index Score) × (Dual Enrolled and URE Denominator)] + [(Dual Enrolled and Non-URE Index Score) × (Dual Enrolled and Non-URE Denominator)]

Total Denominator: (Not Dual Enrolled, Pell, and URE Denominator) + (Not Dual Enrolled, Pell, and Non-URE Denominator) + (Not Dual Enrolled, Non-Pell, and URE Denominator) + (Not Dual Enrolled, Non-Pell, and Non-URE Denominator) + (Dual Enrolled and URE Denominator) + (Dual Enrolled and Non-URE Denominator)

Total Index Score: (Total Numerator) divided by (Total Denominator)

Data Sources

Comprehensive Curriculum Student Report, Graduation Extract data file, National Student Clearinghouse

Additional Details

Pell category based on Pell status during a student's first fall semester.

Underserved minority race/ethnicities include American Indian, Black, Hawaiian/Pacific Islander, Hispanic, and Multiple Races.

TABLE 4. FIRST YEAR PROGRESSION, FALL 2024 COHORT

Index score based on the percentage of first-time fall credential-seeking curriculum students graduated prior to or enrolled in postsecondary education the subsequent fall semester.

		FALL COHORT						SUCCESS RATE							GROUP INDEX SCORE						TOTAL INDEX SCORE			
		Not Dual Enrolled			Dual Enrolled		Total	Not Dual Enrolled			Dual Enrolled		Total	Not Dual Enrolled				Dual Enrolled						
		Pell/ URE	Pell/ Non- URE	Non- Pell/ URE	Non- Pell/ Non- URE	URE		Non- URE	Pell/ URE	Pell/ Non- URE	Non- Pell/ URE	Non- Pell/ Non- URE		URE	Non- URE	Pell/ URE	Pell/ Non- URE	Non- Pell/ URE	Non- Pell/ Non- URE	URE				Non- URE
Excellence:	1.056																							
Avg Band Max:	1.030																							
Avg Band Min:	0.977																							
Baseline:	0.898																							
System Totals		9,499	5,841	4,183	6,436	12,601	26,476	65,036	58%	63%	62%	69%	75%	78%	71%	1.178	1.078	0.925	1.029	0.918	1.048	1.026	0.960	0.918
Alamance CC	184	98	72	105	372	644	1,475	68%	68%	57%	71%	69%	82%	74%	1.178	1.078	0.925	1.029	0.918	1.048	1.026	0.960	0.918	
Asheville-Buncombe TC	79	154	66	148	188	1,024	1,659	57%	58%	58%	55%	59%	61%	60%	0.980	0.911	0.935	0.798	0.777	0.787	0.814	0.817	0.837	
Beaufort County CC	32	32	10	17	101	172	364	69%	41%	50%	71%	76%	81%	74%	1.183	0.640	0.812	1.017	1.013	1.039	1.002	1.037	1.043	
Bladen CC	42	21	7	3	99	91	263	52%	52%	*	*	85%	84%	75%	0.901	0.826	*	*	1.127	1.074	1.028	1.082	0.968	
Blue Ridge CC	50	66	39	86	58	399	698	54%	67%	62%	50%	60%	76%	68%	0.929	1.051	1.000	0.720	0.802	0.976	0.935	0.915	0.950	
Brunswick CC	75	93	15	70	90	241	584	64%	67%	47%	60%	69%	78%	70%	1.101	1.051	0.758	0.864	0.915	0.998	0.984	1.003	1.025	
Caldwell CC & TI	73	124	23	74	137	525	956	49%	63%	70%	54%	72%	75%	69%	0.848	0.991	1.130	0.779	0.960	0.967	0.950	0.919	0.953	
Cape Fear CC	233	244	117	364	262	1,131	2,351	61%	66%	68%	70%	70%	84%	75%	1.041	1.046	1.097	1.005	0.933	1.080	1.045	1.028	1.041	
Carteret CC	32	85	12	56	26	221	432	56%	68%	50%	75%	88%	75%	72%	0.968	1.075	0.812	1.080	1.175	0.966	1.011	0.924	1.037	
Catawba Valley CC	103	141	53	160	294	778	1,529	67%	63%	58%	71%	75%	85%	78%	1.153	0.995	0.950	1.026	0.994	1.094	1.057	1.088	1.066	
Central Carolina CC	149	91	98	114	656	725	1,833	56%	62%	59%	66%	76%	80%	73%	0.958	0.970	0.961	0.948	1.004	1.025	1.001	1.018	0.960	
Central Piedmont CC	1,266	357	819	732	957	1,935	6,066	61%	71%	60%	73%	76%	77%	70%	1.052	1.126	0.976	1.053	1.012	0.987	1.019	1.019	1.013	
Cleveland CC	74	99	11	54	194	391	823	45%	63%	73%	74%	70%	84%	74%	0.767	0.987	1.181	1.067	0.924	1.085	1.007	0.989	0.933	
Coastal Carolina CC	161	157	79	120	199	352	1,068	68%	69%	57%	60%	75%	81%	72%	1.176	1.084	0.925	0.864	0.995	1.037	1.029	0.987	0.976	
Coll of the Albemarle	65	81	43	95	110	594	988	60%	59%	70%	72%	74%	78%	74%	1.032	0.934	1.133	1.031	0.978	1.002	1.004	1.046	1.063	
Craven CC	89	77	40	76	106	304	692	62%	65%	65%	61%	77%	78%	72%	1.063	1.023	1.056	0.872	1.028	0.998	1.003	1.002	1.002	
Davidson-Davie CC	99	148	30	108	241	664	1,290	61%	63%	70%	79%	76%	82%	77%	1.043	0.990	1.137	1.134	1.014	1.057	1.049	1.053	1.042	
Durham TCC	290	87	227	128	367	302	1,401	51%	74%	58%	66%	78%	72%	67%	0.884	1.159	0.945	0.957	1.031	0.924	0.965	0.989	0.953	
Edgecombe CC	55	12	12	8	124	85	296	53%	75%	25%	*	85%	93%	78%	0.907	1.182	0.406	*	1.125	1.195	1.076	0.961	0.959	
Fayetteville TCC	766	312	161	183	681	535	2,638	56%	58%	59%	75%	77%	82%	68%	0.961	0.919	0.959	1.078	1.024	1.050	0.999	0.959	0.925	
Forsyth TCC	608	298	245	299	340	632	2,422	58%	56%	54%	63%	77%	79%	66%	0.990	0.889	0.875	0.911	1.024	1.013	0.967	0.985	1.035	
Gaston College	165	181	61	140	303	1,286	2,136	68%	60%	59%	68%	70%	76%	72%	1.178	0.949	0.959	0.977	0.934	0.982	0.986	1.030	0.998	
Guilford TCC	841	344	213	302	420	793	2,913	52%	59%	58%	70%	80%	80%	67%	0.896	0.925	0.946	1.006	1.063	1.030	0.975	1.020	1.027	
Halifax CC	35	21	13	9	89	64	231	60%	43%	54%	*	72%	77%	67%	1.032	0.675	0.875	*	0.955	0.984	0.939	1.029	0.999	
Haywood CC	16	47	6	51	29	186	335	50%	55%	*	63%	72%	75%	69%	0.860	0.872	*	0.904	0.962	0.961	0.937	0.993	0.896	
Isothermal CC	31	100	8	41	56	254	490	48%	64%	*	51%	80%	81%	73%	0.833	1.009	*	0.738	1.067	1.038	1.003	1.071	0.966	
James Sprunt CC	46	21	18	11	209	144	449	67%	71%	67%	73%	78%	82%	77%	1.159	1.126	1.083	1.048	1.036	1.054	1.061	1.056	1.063	
Johnston CC	235	128	144	188	317	541	1,553	58%	66%	65%	70%	82%	83%	75%	1.003	1.047	1.049	1.004	1.094	1.072	1.053	1.073	1.058	
Lenoir CC	91	47	18	31	223	216	626	58%	68%	50%	71%	73%	77%	71%	1.002	1.073	0.812	1.022	0.965	0.994	0.987	1.050	0.999	
Martin CC	20	15	2	8	119	109	273	60%	33%	*	*	82%	85%	78%	1.032	0.525	*	*	1.094	1.097	1.040	1.109	0.999	
Mayland CC	4	12	1	10	40	224	291	*	42%	*	30%	83%	77%	75%	*	0.657	*	0.432	1.096	0.993	0.980	0.938	0.947	
McDowell TCC	15	40	9	19	46	204	333	60%	55%	*	53%	78%	81%	75%	1.032	0.867	*	0.758	1.039	1.040	1.014	0.953	1.078	
Mitchell CC	128	108	45	136	210	763	1,390	58%	62%	67%	68%	75%	80%	74%	0.995	0.978	1.083	0.974	0.999	1.031	1.015	1.049	1.012	
Montgomery CC	11	14	1	15	131	81	253	64%	71%	*	73%	74%	84%	76%	1.095	1.126	*	1.056	0.984	1.079	1.027	1.052	0.966	
Nash CC	121	52	42	58	213	233	719	58%	63%	43%	79%	69%	75%	68%	0.995	1.000	0.696	1.142	0.917	0.960	0.955	1.009	0.986	
Pamlico CC	5	7	4	5	16	48	85	*	*	*	*	81%	79%	76%	*	*	*	*	1.079	1.018	1.035	1.110	0.966	
Piedmont CC	21	30	5	18	110	233	417	67%	40%	*	56%	77%	83%	76%	1.147	0.630	*	0.800	1.026	1.065	1.011	1.028	0.999	
Pitt CC	429	128	48	98	360	483	1,546	43%	66%	60%	71%	70%	82%	66%	0.734	1.034	0.981	1.029	0.926	1.057	0.931	0.961	0.966	
Randolph CC	66	92	24	54	123	658	1,017	52%	61%	58%	65%	75%	77%	72%	0.886	0.959	0.948	0.934	0.993	0.989	0.976	0.932	1.017	
Richmond CC	92	39	9	12	184	181	517	53%	46%	*	67%	75%	83%	71%	0.916	0.727	*	0.960	0.996	1.073	0.980	0.856	0.984	
Roanoke-Chowan CC	15	6			100	47	168	67%	*	*	*	85%	87%	84%	1.147	*	*	*	1.129	1.122	1.135	0.982	1.058	
Robeson CC	205	55	32	19	291	63	665	55%	56%	59%	58%	72%	79%	65%	0.948	0.888	0.965	0.834	0.954	1.020	0.950	0.956	0.904	
Rockingham CC	39	56	21	57	77	273	523	62%	55%	57%	74%	75%	74%	71%	1.059	0.872	0.928	1.061	1.000	0.956	0.972	1.003	0.968	
Rowan-Cabarrus CC	271	161	90	166	429	992	2,109	62%	64%	72%	69%	77%	76%	73%	1.073	1.008	1.173	0.989	1.022	0.976	1.010	0.989	0.955	
Sampson CC	77	29	15	19	152	139	431	69%	83%	60%	84%	77%	84%	78%	1.184	1.304	0.975	1.213	1.022	1.082	1.096	1.091	1.012	
Sandhills CC	106	88	30	88	259	551	1,122	57%</																

Appendix

First-Time Fall Cohort Definition

The first-time fall cohort includes fall credential seeking and dual enrollment* (Career and College Promise) students enrolled in curriculum courses at a college for the first-time in the fall or preceding summer.

Fall first-time students are identified as follows:

The student has a primary CURRICULUM CODE that begins with an A, C, D, or P during their first fall term. Students with curriculum codes that begin with T (Basic Skills Plus (T90950), Special Credit (T90990), and NC Rural Innovative Schools (T90900)) are excluded.

The student is enrolled in at least one curriculum course during their first fall term excluding courses where the COLLEGE LETTER GRADE equals AU, CE, NA, or NS and/or the STANDARD LETTER GRADE equals AU or CE.

The fall semester, or preceding summer, is the student's first curriculum enrollment term in any post-secondary institution. First curriculum enrollment term is determined as follows:

All enrolled students who meet the course enrollment and curriculum requirements stated above are sent to the National Student Clearinghouse for a Prior Attendance (PA) search for enrollment and graduation records (excluding DEGREE TITLES related to HIGH SCHOOL DIPLOMA, ADULT HIGH SCHOOL DIPLOMA, GED, or GED CERTIFICATE) prior to August 15th of the fall term. These records are evaluated for enrollment prior to and during the preceding summer. Students with no enrollment or graduation record prior to the fall semester and those who only have an enrollment record in the preceding summer are flagged as potential first-time students.

All potential first-time students are then matched to the NCCCS Data Warehouse to search for course enrollment prior to the fall term in one or more courses where the College Letter Grade does not equal AU, CE, NA, or NS and the Standard Letter Grade does not equal AU and CE. Students with no course enrollment prior to the fall semester and those who enrolled for the first time during the preceding summer are included in the fall cohort. NCCCS Data Warehouse matching is based on an exact match of one or more of the following standardized and concatenated variables as reported during the student's first fall term:

- NAME_DOB: Last Name, First Name, Date of Birth
- NAME_SID: Last Name, First Name, Student ID
- SID_DOB: Student ID, Date of Birth

An additional check is conducted to ensure multiple calculated IDs are resolved to one Colleague ID within institution.

The following measures are impacted based on the First-Time Fall Cohort:

Student Success Rate in College-Level English Courses (*Dual enrollment students excluded)
Student Success Rate in College-Level Math Courses (*Dual enrollment students excluded)
First Year Progression
Curriculum Completion

Data Sources

Comprehensive Curriculum Student Report, National Student Clearinghouse