

5. Curriculum Completion

Purpose

To ensure student completion and/or persistence toward a post-secondary credential in a timely manner.

Description

Index score based on the percentage of first-time fall credential-seeking curriculum students who graduate, transfer, or are enrolled during the fourth academic year with 42 successfully completed non-developmental hours.

Calculation

Success Rate

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

Numerator: Of those in the denominator, the number of students who have graduated, transferred, or are still enrolled during the fourth academic year (fall, spring, or summer) with at least 42 successfully completed non-developmental hours.

To be successful, students must complete one or more of the following:

- **Graduation:** Graduated from a North Carolina Community College credential program (A, D, or C) before the end of the 4th summer term following the first fall semester.
- **Transfer:** Transferred to a 4-year college as indicated in the National Student Clearinghouse database at any point through the end of the 4th summer term following the first fall semester.
- **Persistence:** Student is enrolled in an NCCCS college during the 4th academic year (fall, spring or summer) and has successfully completed at least 42 non-developmental credit hours by the end of the summer term. Successful completion is defined as achieving a course standard letter grade of A, B, C, or P.

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 5. CURRICULUM COMPLETION, FALL 2021 COHORT

Index score based on the percentage of first-time fall credential-seeking curriculum students who graduate, transfer, or are enrolled during the fourth academic year with 42 successfully completed non-developmental hours.

Excellence: 1.056 Avg Band Max: 1.010 Avg Band Min: 0.919 Baseline: 0.781		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				
		2021	2020	2019																					
System Totals	6,942	5,099	3,846	7,436	7,983	20,071	51,377	37%	47%	41%	55%	73%	77%	62%	0.842	1.034	1.311	0.869	0.900	0.979	0.958	0.914	0.936		
Alamance CC	110	91	56	137	196	435	1,025	31%	48%	54%	47%	66%	75%	61%	0.842	1.034	1.311	0.869	0.900	0.979	0.958	0.914	0.936		
Asheville-Buncombe TC	73	147	50	122	161	837	1,390	40%	48%	28%	43%	50%	61%	55%	1.083	1.018	0.685	0.796	0.688	0.798	0.819	0.795	0.845		
Beaufort County CC	42	51	11	27	77	176	384	29%	37%	27%	59%	75%	77%	63%	0.779	0.797	0.668	1.086	1.030	0.996	0.950	1.031	0.872		
Bladen CC	39	17	8	7	78	111	260	26%	29%	*	*	51%	63%	51%	0.699	0.629	*	*	0.701	0.819	0.762	0.958	0.953		
Blue Ridge CC	49	89	46	118	70	299	671	43%	43%	39%	45%	67%	68%	57%	1.168	0.913	0.958	0.823	0.918	0.886	0.907	1.030	0.961		
Brunswick CC	42	63	26	90	36	128	385	33%	35%	38%	51%	75%	69%	54%	0.909	0.747	0.942	0.936	1.026	0.893	0.897	1.120	1.024		
Caldwell CC & TI	34	115	16	94	95	442	796	44%	47%	38%	56%	74%	77%	67%	1.202	1.004	0.918	1.033	1.008	0.996	1.010	0.917	1.083		
Cape Fear CC	198	264	110	490	213	859	2,134	35%	39%	39%	49%	69%	79%	60%	0.950	0.834	0.957	0.894	0.937	1.024	0.951	1.003	1.017		
Carteret CC	30	58	33	81	15	146	363	67%	45%	39%	53%	73%	82%	64%	1.817	0.959	0.964	0.973	1.003	1.059	1.075	1.111	0.997		
Catawba Valley CC	85	120	57	187	157	551	1,157	34%	43%	40%	57%	82%	84%	69%	0.930	0.927	0.988	1.048	1.115	1.094	1.055	1.078	1.008		
Central Carolina CC	137	71	76	109	330	586	1,309	42%	45%	34%	49%	63%	72%	61%	1.134	0.964	0.838	0.891	0.866	0.940	0.933	0.851	0.869		
Central Piedmont CC	967	383	672	811	764	1,548	5,145	41%	54%	41%	56%	81%	81%	62%	1.105	1.150	0.995	1.019	1.108	1.056	1.066	1.076	1.055		
Cleveland CC	61	76	15	50	123	368	693	39%	45%	20%	58%	74%	80%	69%	1.072	0.957	0.490	1.063	1.012	1.038	1.017	1.070	1.108		
Coastal Carolina CC	100	142	107	189	128	298	964	44%	58%	60%	57%	83%	81%	67%	1.199	1.250	1.464	1.037	1.132	1.046	1.148	1.214	1.196		
Coll of the Albemarle	45	54	24	95	69	368	655	47%	39%	54%	48%	77%	81%	69%	1.272	0.832	1.326	0.887	1.050	1.052	1.035	0.960	0.978		
Craven CC	77	74	31	77	93	276	628	30%	34%	29%	52%	60%	68%	54%	0.814	0.723	0.711	0.952	0.823	0.889	0.850	0.968	0.988		
Davidson-Davie CC	66	135	45	134	122	468	970	36%	49%	56%	66%	82%	84%	72%	0.991	1.046	1.360	1.203	1.121	1.096	1.112	1.098	1.169		
Durham TCC	188	57	171	143	186	202	947	41%	53%	35%	59%	78%	84%	60%	1.116	1.126	0.845	1.076	1.073	1.087	1.047	0.927	1.002		
Edgecombe CC	48	20	5	14	76	74	237	21%	45%	*	21%	67%	64%	51%	0.568	0.962	*	0.393	0.918	0.825	0.771	0.890	0.804		
Fayetteville TCC	506	180	186	194	407	402	1,875	37%	49%	47%	48%	86%	85%	61%	1.013	1.046	1.145	0.878	1.176	1.108	1.071	1.033	1.022		
Forsyth TCC	516	258	226	340	139	420	1,899	41%	48%	31%	54%	73%	76%	53%	1.120	1.028	0.758	0.986	0.994	0.990	1.002	0.981	1.016		
Gaston College	112	150	44	169	85	1,038	1,598	37%	47%	48%	60%	82%	79%	70%	0.998	1.012	1.168	1.095	1.126	1.021	1.036	1.042	1.093		
Guilford TCC	516	277	201	332	273	478	2,077	32%	52%	41%	53%	79%	87%	58%	0.882	1.104	0.999	0.966	1.082	1.136	1.021	1.061	0.987		
Halifax CC	35	18	8	10	44	60	175	34%	44%	*	60%	73%	68%	58%	0.934	0.951	*	1.099	0.994	0.888	0.944	1.088	0.984		
Haywood CC	7	53	4	39	27	183	313	*	26%	*	46%	59%	69%	58%	*	0.565	*	0.846	0.810	0.901	0.857	0.951	0.971		
Isothermal CC	31	71	8	36	72	278	496	32%	46%	*	67%	81%	78%	70%	0.879	0.994	*	1.221	1.102	1.019	1.036	1.032	1.074		
James Sprunt CC	49	28	40	23	109	113	362	47%	43%	40%	43%	68%	72%	60%	1.279	0.917	0.979	0.797	0.928	0.931	0.973	0.954	1.018		
Johnston CC	94	90	85	171	161	435	1,036	38%	46%	40%	59%	83%	86%	69%	1.044	0.974	0.979	1.082	1.138	1.114	1.083	1.020	1.095		
Lenoir CC	82	35	26	48	157	161	509	29%	49%	31%	71%	73%	78%	63%	0.798	1.039	0.753	1.298	0.993	1.008	0.986	0.859	0.969		
Martin CC	19	9	1	10	73	66	178	63%	*	*	70%	55%	61%	60%	1.721	*	*	1.282	0.749	0.787	0.951	0.801	0.839		
Mayland CC	3	21	2	7	20	222	275	*	38%	*	*	65%	66%	64%	*	0.815	*	*	0.889	0.854	0.881	0.900	0.853		
McDowell TCC	11	52	6	35	39	163	306	45%	48%	*	51%	49%	65%	57%	1.239	1.028	*	0.942	0.666	0.845	0.878	0.848	0.853		
Mitchell CC	92	94	46	150	133	541	1,056	37%	43%	52%	46%	74%	84%	68%	1.007	0.910	1.277	0.843	1.018	1.088	1.030	1.067	1.081		
Montgomery CC	15	12	10	15	102	88	242	20%	42%	50%	33%	58%	65%	55%	0.545	0.891	1.224	0.611	0.791	0.841	0.806	0.998	0.761		
Nash CC	88	47	38	76	159	269	677	30%	43%	39%	59%	65%	81%	63%	0.805	0.910	0.966	1.085	0.894	1.053	0.972	0.944	0.941		
Pamlico CC	2	10	1	9	11	45	78	*	60%	*	*	45%	56%	53%	*	1.283	*	*	0.622	0.722	0.805	0.562	0.932		
Piedmont CC	38	12	7	23	62	158	300	26%	17%	*	30%	65%	68%	57%	0.717	0.356	*	0.558	0.882	0.888	0.822	0.770	0.854		
Pitt CC	332	116	74	138	182	401	1,243	26%	42%	35%	52%	54%	78%	52%	0.698	0.903	0.860	0.956	0.736	1.017	0.864	0.925	0.961		
Randolph CC	53	85	20	70	100	315	643	51%	47%	40%	66%	72%	63%	61%	1.388	1.007	0.979	1.204	0.985	0.821	0.964	0.861	0.897		
Richmond CC	68	34	10	11	122	204	449	34%	35%	30%	45%	66%	76%	62%	0.922	0.755	0.734	0.833	0.908	0.987	0.929	0.994	0.909		
Roanoke-Chowan CC	25	3		4	75	35	142	40%	*	*	*	71%	63%	61%	1.090	*	*	*	0.966	0.816	0.916	1.154	1.165		
Robeson CC	140	26	34	14	236	64	514	29%	42%	59%	50%	72%	78%	58%	0.798	0.905	1.440	0.916	0.979	1.015	0.959	1.039	1.068		
Rockingham CC	52	82	32	88	55	207	516	21%	33%	47%	38%	80%	79%	57%	0.577	0.704	1.148	0.687	1.094	1.023	0.885	0.940	0.864		
Rowan-Cabarrus CC	186	116	166	260	345	776	1,849	29%	38%	31%	44%	74%	76%	60%	0.791	0.811	0.767	0.810	1.019	0.981	0.915	0.871	0.873		
Sampson CC	57	19	20	22	113	163	394	40%	37%	35%	45%	81%	82%	69%	1.100	0.788	0.857	0.833	1.113	1.060	1.045	1.089	1.071		
Sandhills CC	101	40	39	94	236	447	957	31%	55%	31%	53%	73%	79%	67%	0.837	1.176	0.753	0.974	1.002	1.032	0.993	0.988	0.981		
South Piedmont CC	59	49	50	132	130	653	1,073	32%	27%	42%	51%	65%	76%	65%	0.878	0.567	1.028	0.930	0.894	0.989	0.946	0.958	1.017		
Southeastern CC	34	32																							

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