



COMMONWEALTH of VIRGINIA
STATE COUNCIL OF HIGHER EDUCATION FOR VIRGINIA
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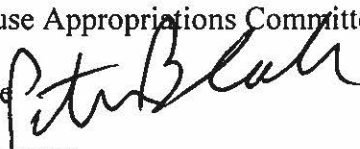
Peter Blake
Director

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MEMORANDUM

TO: The Honorable Janet D. Howell.
Chair, Senate Finance & Appropriations Committee

The Honorable Luke E. Torian
Chair, House Appropriations Committee

FROM: Peter Blake 

DATE: August 17, 2020

SUBJECT: Progress Report on Increasing Production of Degree Awards

As part of the 2018 session, the General Assembly approved a total of \$28.4 million for FY2020 to increase production of degree awards in the areas of data science, technology, science, engineering, healthcare and education. The funding, targeted towards public four-year institutions (except University of Virginia at Wise), included budget language that identified the expected annual increase by institution and area, totaling 880 awards. The language also required SCHEV to report on the progress toward these goals to the Chairmen of the House Appropriations and Senate Finance and Appropriations Committees annually beginning August 2020, using 2016-17 as the baseline year.

The attached tables include an overview of progress by institution and detailed data by degree level between 2016-17 and 2018-19. SCHEV is in the process of collecting 2019-20 degree award data, but we do not expect this information to be final until October. The first table presents the 2016-17 through 2018-19 degree awards of all student levels by year. The second table compares the expected annual increase for FY2020 with the annual award changes from 2016-17 to 2017-18, and from 2017-18 to 2018-19. While the expected annual increase applies to increases from 2018-19 to 2019-20, this information serves as a baseline.

Chair Howell
Chair Torian
August 17, 2020
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Please feel free to contact me if you have any questions or comments regarding the report or any other higher education matters.

Sincerely,

Peter Blake

Enclosure

cc: Ms. April Kees, Senate Finance Committee Staff Director
Ms. Sarah Herzog, Senate Finance Committee Staff Deputy Director
Mrs. Anne E. Oman, House Appropriations Committee Staff Director
Mr. Tony Maggio, House Appropriations Committee Staff

**Summary of Degree Awards in Data Science & Technology, Science, Engineering*, Healthcare, and Education
in 2016-17 and 2017-18 and Annual Changes**

Institution & 2 Digit CIP	2016-17				2017-18				Annual Change from 2016-17 to 2017-18				
	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Total Awards
Christopher Newport													
Education (13)	0	70	0	0	0	77	0	0	0	7	0	0	7
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	187	0	0	0	158	0	0	0	(29)	0	0	0	(29)
Physical Sci. (40)	23	9	0	0	28	7	0	0	5	(2)	0	0	3
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	107	0	0	0	108	0	0	0	1	0	0	0	1
Total	317	79	0	0	294	84	0	0	(23)	5	0	0	(18)
George Mason University													
Education (13)	84	778	45	0	76	825	53	0	(8)	47	8	0	47
Engineering (14)*	181	73	9	0	199	74	10	0	18	1	1	0	20
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	350	45	18	0	342	55	13	0	(8)	10	(5)	0	(3)
Physical Sci. (40)	67	17	18	0	93	16	22	0	26	(1)	4	0	29
Health (51)	525	151	24	0	536	137	28	0	11	(14)	4	0	1
Data Sci&Tech (11, 14, 25, 52)	821	452	40	0	908	482	44	0	87	30	4	0	121
Total	2,028	1,516	154	0	2,154	1,589	170	0	126	73	16	0	215
James Madison University													
Education (13)	0	325	0	0	0	362	0	0	0	37	0	0	37
Engineering (14)*	55	0	0	0	67	0	0	0	12	0	0	0	12
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	219	11	0	0	219	6	0	0	0	(5)	0	0	(5)
Physical Sci. (40)	90	0	0	0	73	0	0	0	(17)	0	0	0	(17)
Health (51)	840	123	13	0	842	123	14	0	2	0	1	0	3
Data Sci&Tech (11, 14, 25, 52)	288	9	0	0	307	5	0	0	19	(4)	0	0	15
Total	1,492	468	13	0	1,508	496	14	0	16	28	1	0	45
Longwood University													
Education (13)	0	111	0	0	0	137	0	0	0	26	0	0	26
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	57	0	0	0	50	0	0	0	(7)	0	0	0	(7)
Physical Sci. (40)	16	0	0	0	11	0	0	0	(5)	0	0	0	(5)
Health (51)	92	20	0	0	94	21	0	0	2	1	0	0	3
Data Sci&Tech (11, 14, 25, 52)	26	0	0	0	29	0	0	0	3	0	0	0	3
Total	191	131	0	0	184	158	0	0	(7)	27	0	0	20
Norfolk State University													
Education (13)	17	54	0	0	8	62	0	0	(9)	8	0	0	(1)
Engineering (14)*	6	0	0	0	5	0	0	0	(1)	0	0	0	(1)
Eng Technologies (15)	31	0	0	0	19	0	0	0	(12)	0	0	0	(12)
Biology (26)	67	0	0	0	54	0	0	0	(13)	0	0	0	(13)
Physical Sci. (40)	15	5	2	0	12	5	7	0	(3)	0	5	0	2
Health (51)	103	0	0	0	92	0	0	0	(11)	0	0	0	(11)
Data Sci&Tech (11, 14, 25, 52)	60	25	0	0	37	45	0	0	(23)	20	0	0	(3)
Total	299	84	2	0	227	112	7	0	(72)	28	5	0	(39)

**Summary of Degree Awards in Data Science & Technology, Science, Engineering*, Healthcare, and Education (Cont.)
in 2016-17 and 2017-18 and Annual Changes**

Institution & 2 Digit CIP	2016-17				2017-18				Annual Change from 2016-17 to 2017-18				
	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Total Awards
Old Dominion University													
Education (13)	291	361	56	0	231	380	52	0	(60)	19	(4)	0	(45)
Engineering (14)*	205	245	33	0	223	236	34	0	18	(9)	1	0	10
Eng. Technologies (15)	172	0	0	0	154	0	0	0	(18)	0	0	0	(18)
Biology (26)	230	10	3	0	213	12	6	0	(17)	2	3	0	(12)
Physical Sci. (40)	35	20	13	0	28	19	11	0	(7)	(1)	(2)	0	(10)
Health (51)	808	117	79	0	752	129	83	0	(56)	12	4	0	(40)
Data Sci&Tech (11.14.25.52)	326	48	8	0	367	45	8	0	41	(3)	0	0	38
Total	2 067	801	192	0	1 968	821	194	0	(99)	20	2	0	(77)
Radford University													
Education (13)	158	128	0	0	135	129	0	0	(23)	1	0	0	(22)
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	83	0	0	0	82	0	0	0	(1)	0	0	0	(1)
Physical Sci. (40)	50	0	0	0	30	0	0	0	(20)	0	0	0	(20)
Health (51)	108	48	32	0	128	48	34	0	20	0	2	0	22
Data Sci&Tech (11.14.25.52)	93	0	0	0	88	4	0	0	(5)	4	0	0	(1)
Total	492	176	32	0	463	181	34	0	(29)	5	2	0	(22)
University of Mary Washington													
Education (13)	0	120	0	0	0	106	0	0	0	(14)	0	0	(14)
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	84	0	0	0	79	0	0	0	(5)	0	0	0	(5)
Physical Sci. (40)	57	0	0	0	43	0	0	0	(14)	0	0	0	(14)
Health (51)	22	0	0	0	30	0	0	0	8	0	0	0	8
Data Sci&Tech (11.14.25.52)	72	2	0	0	67	2	0	0	(5)	0	0	0	(5)
Total	235	122	0	0	219	108	0	0	(16)	(14)	0	0	(30)
University of Virginia													
Education (13)	0	267	47	0	0	326	32	0	0	59	(15)	0	44
Engineering (14)*	471	74	54	0	458	110	51	0	(13)	36	(3)	0	20
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	315	2	40	0	332	2	43	0	17	0	3	0	20
Physical Sci. (40)	177	25	37	0	164	20	28	0	(13)	(5)	(9)	0	(27)
Health (51)	147	182	27	152	158	189	30	157	11	7	3	5	26
Data Sci&Tech (11.14.25.52)	345	204	23	0	331	217	42	0	(14)	13	19	0	18
Total	1 455	754	228	152	1 443	864	226	157	(12)	110	(2)	5	101
Virginia Commonwealth University													
Education (13)	280	232	47	0	302	207	43	0	22	(25)	(4)	0	(7)
Engineering (14)*	202	25	25	0	187	27	26	0	(15)	2	1	0	(12)
Eng. Technologies (15)	0	0	1	0	0	0	6	0	0	0	5	0	5
Biology (26)	368	48	41	0	359	56	40	0	(9)	8	(1)	0	(2)
Physical Sci. (40)	165	13	12	0	159	5	11	0	(6)	(8)	(1)	0	(15)
Health (51)	341	291	128	437	303	267	145	444	(38)	(24)	17	7	(38)
Data Sci&Tech (11.14.25.52)	332	121	1	0	354	97	5	0	22	(24)	4	0	2
Total	1 688	730	255	437	1 664	659	276	444	(24)	(71)	21	7	(67)

**Summary of Degree Awards in Data Science & Technology, Science, Engineering*, Healthcare, and Education (Cont.)
in 2016-17 and 2017-18 and Annual Changes**

Institution & 2 Digit CIP	2016-17				2017-18				Annual Change from 2016-17 to 2017-18				
	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Total Awards
Virginia Military Institute													
Education (13)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering (14)*	84	0	0	0	97	0	0	0	13	0	0	0	13
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	40	0	0	0	40	0	0	0	0	0	0	0	0
Physical Sci. (40)	21	0	0	0	25	0	0	0	4	0	0	0	4
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	38	0	0	0	64	0	0	0	26	0	0	0	26
Total	183	0	0	0	226	0	0	0	43	0	0	0	43
Virginia State University													
Education (13)	79	32	5	0	75	29	11	0	(4)	(3)	6	0	(1)
Engineering (14)*	20	0	0	0	8	0	0	0	(12)	0	0	0	(12)
Eng. Technologies (15)	38	0	0	0	30	0	0	0	(8)	0	0	0	(8)
Biology (26)	36	13	0	0	37	14	0	0	1	1	0	0	2
Physical Sci. (40)	6	0	0	0	7	0	0	0	1	0	0	0	1
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	63	16	0	0	58	18	0	0	(5)	2	0	0	(3)
Total	242	61	5	0	215	61	11	0	(27)	0	6	0	(21)
Virginia Tech													
Education (13)	0	193	68	0	0	165	49	0	0	(28)	(19)	0	(47)
Engineering (14)*	1,306	335	128	0	1,112	374	138	0	(194)	39	10	0	(145)
Eng. Technologies (15)	18	0	0	0	33	0	0	0	15	0	0	0	15
Biology (26)	449	29	39	0	485	26	23	0	36	(3)	(16)	0	17
Physical Sci. (40)	168	19	44	0	173	15	35	0	5	(4)	(9)	0	(8)
Health (51)	0	42	0	0	0	36	0	0	0	(6)	0	0	(6)
Data Sci&Tech (11,14,25,52)	928	293	99	0	1,002	300	98	0	74	7	(1)	0	80
Total	2,869	911	378	0	2,805	916	343	0	(64)	5	(35)	0	(94)
William and Mary													
Education (13)	0	120	25	0	0	139	36	0	0	19	11	0	30
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	201	17	6	0	217	15	12	0	16	(2)	6	0	20
Physical Sci. (40)	135	22	16	0	95	19	16	0	(40)	(3)	0	0	(43)
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	144	75	8	0	137	103	9	0	(7)	28	1	0	22
Total	480	234	55	0	449	276	73	0	(31)	42	18	0	29
All Institutions' Total	14,038	6,067	1,314	589	13,819	6,325	1,348	601	(219)	258	34	12	85

Note: *Engineering (14) awards excluded those in C16 Data Science and Technology Degree Awards Report, specifically CIP Codes 14.0901, 14.0903 and 14.1001.

**Summary of Degree Awards in Data Science & Technology, Science, Engineering*, Healthcare, and Education
in 2017-18 and 2018-19 and Annual Changes**

Institution & 2 Digit CIP	2017-18				2018-19				Annual Change from 2017-18 to 2018-19				
	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Total Awards
Christopher Newport													
Education (13)	0	77	0	0	0	60	0	0	0	(17)	0	0	(17)
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	158	0	0	0	172	0	0	0	14	0	0	0	14
Physical Sci. (40)	28	7	0	0	39	6	0	0	11	(1)	0	0	10
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	108	0	0	0	129	0	0	0	21	0	0	0	21
Total	294	84	0	0	340	66	0	0	46	(18)	0	0	28
George Mason University													
Education (13)	76	825	53	0	77	896	53	0	1	71	0	0	72
Engineering (14)*	199	74	10	0	225	81	13	0	26	7	3	0	36
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	342	55	13	0	371	54	21	0	29	(1)	8	0	36
Physical Sci. (40)	93	16	22	0	63	27	14	0	(30)	11	(8)	0	(27)
Health (51)	536	137	28	0	547	154	25	0	11	17	(3)	0	25
Data Sci&Tech (11,14,25,52)	908	482	44	0	1,054	442	31	0	146	(40)	(13)	0	93
Total	2,154	1,589	170	0	2,337	1,654	157	0	183	65	(13)	0	235
James Madison University													
Education (13)	0	362	0	0	0	334	0	0	0	(28)	0	0	(28)
Engineering (14)*	67	0	0	0	62	0	0	0	(5)	0	0	0	(5)
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	219	6	0	0	202	11	0	0	(17)	5	0	0	(12)
Physical Sci. (40)	73	0	0	0	82	0	0	0	9	0	0	0	9
Health (51)	842	123	14	0	879	116	16	0	37	(7)	2	0	32
Data Sci&Tech (11,14,25,52)	307	5	0	0	315	2	0	0	8	(3)	0	0	5
Total	1,508	496	14	0	1,540	463	16	0	32	(33)	2	0	1
Longwood University													
Education (13)	0	137	0	0	0	86	0	0	0	(51)	0	0	(51)
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	50	0	0	0	59	0	0	0	9	0	0	0	9
Physical Sci. (40)	11	0	0	0	9	0	0	0	(2)	0	0	0	(2)
Health (51)	94	21	0	0	119	24	0	0	25	3	0	0	28
Data Sci&Tech (11,14,25,52)	29	0	0	0	29	0	0	0	0	0	0	0	0
Total	184	158	0	0	216	110	0	0	32	(48)	0	0	(16)
Norfolk State University													
Education (13)	8	62	0	0	16	53	0	0	8	(9)	0	0	(1)
Engineering (14)*	5	0	0	0	6	0	0	0	1	0	0	0	1
Eng. Technologies (15)	19	0	0	0	11	0	0	0	(8)	0	0	0	(8)
Biology (26)	54	0	0	0	29	0	0	0	(25)	0	0	0	(25)
Physical Sci. (40)	12	5	7	0	6	1	5	0	(6)	(4)	(2)	0	(12)
Health (51)	92	0	0	0	71	0	0	0	(21)	0	0	0	(21)
Data Sci&Tech (11,14,25,52)	37	45	0	0	33	26	0	0	(4)	(19)	0	0	(23)
Total	227	112	7	0	172	80	5	0	(55)	(32)	(2)	0	(89)

**Summary of Degree Awards in Data Science & Technology, Science, Engineering*, Healthcare, and Education (Cont.)
in 2017-18 and 2018-19 and Annual Changes**

Institution & 2 Digit CIP	2017-18				2018-19				Annual Change from 2017-18 to 2018-19				
	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Total Awards
Old Dominion University													
Education (13)	231	380	52	0	188	387	40	0	(43)	7	(12)	0	(48)
Engineering (14)*	223	236	34	0	194	232	39	0	(29)	(4)	5	0	(28)
Eng. Technologies (15)	154	0	0	0	174	0	0	0	20	0	0	0	20
Biology (26)	213	12	6	0	235	10	4	0	22	(2)	(2)	0	18
Physical Sci. (40)	28	19	11	0	31	24	10	0	3	5	(1)	0	7
Health (51)	752	129	83	0	683	124	83	0	(69)	(5)	0	0	(74)
Data Sci&Tech (11,14,25,52)	367	45	8	0	390	45	7	0	23	0	(1)	0	22
Total	1,968	821	194	0	1,895	822	183	0	(73)	1	(11)	0	(83)
Radford University													
Education (13)	135	129	0	0	150	135	0	0	15	6	0	0	21
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	82	0	0	0	89	0	0	0	7	0	0	0	7
Physical Sci. (40)	30	0	0	0	45	0	0	0	15	0	0	0	15
Health (51)	128	48	34	0	136	47	35	0	8	(1)	1	0	8
Data Sci&Tech (11,14,25,52)	88	4	0	0	103	5	0	0	15	1	0	0	16
Total	463	181	34	0	523	187	35	0	60	6	1	0	67
University of Mary Washington													
Education (13)	0	106	0	0	0	106	0	0	0	0	0	0	0
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	79	0	0	0	76	0	0	0	(3)	0	0	0	(3)
Physical Sci. (40)	43	0	0	0	44	0	0	0	1	0	0	0	1
Health (51)	30	0	0	0	40	0	0	0	10	0	0	0	10
Data Sci&Tech (11,14,25,52)	67	2	0	0	90	0	0	0	23	(2)	0	0	21
Total	219	108	0	0	250	106	0	0	31	(2)	0	0	29
University of Virginia													
Education (13)	0	326	32	0	0	358	46	0	0	32	14	0	46
Engineering (14)*	458	110	51	0	416	128	63	0	(42)	18	12	0	(12)
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	332	2	43	0	327	1	44	0	(5)	(1)	1	0	(5)
Physical Sci. (40)	164	20	28	0	130	18	31	0	(34)	(2)	3	0	(33)
Health (51)	158	189	30	157	155	200	25	144	(3)	11	(5)	(13)	(10)
Data Sci&Tech (11,14,25,52)	331	217	42	0	731	193	32	0	400	(24)	(10)	0	366
Total	1,443	864	226	157	1,759	898	241	144	316	34	15	(13)	352
Virginia Commonwealth University													
Education (13)	302	207	43	0	379	228	48	0	77	21	5	0	103
Engineering (14)*	187	27	26	0	190	37	26	0	3	10	0	0	13
Eng. Technologies (15)	0	0	6	0	0	0	2	0	0	0	(4)	0	(4)
Biology (26)	359	56	40	0	376	53	40	0	17	(3)	0	0	14
Physical Sci. (40)	159	5	11	0	159	12	21	0	0	7	10	0	17
Health (51)	303	267	145	444	321	275	172	435	18	8	27	(9)	44
Data Sci&Tech (11,14,25,52)	354	97	5	0	347	90	4	0	(7)	(7)	(1)	0	(15)
Total	1,664	659	276	444	1,772	695	313	435	108	36	37	(9)	172

**Summary of Degree Awards in Data Science & Technology, Science, Engineering*, Healthcare, and Education (Cont.)
in 2017-18 and 2018-19 and Annual Changes**

Institution & 2 Digit CIP	2017-18				2018-19				Annual Change from 2017-18 to 2018-19				
	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Bachelors	Masters	Doctorate	First Professional	Total Awards
Virginia Military Institute													
Education (13)	0	0	0	0	0	0	0	0	0	0	0	0	0
Engineering (14)*	97	0	0	0	73	0	0	0	(24)	0	0	0	(24)
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	40	0	0	0	34	0	0	0	(6)	0	0	0	(6)
Physical Sci. (40)	25	0	0	0	21	0	0	0	(4)	0	0	0	(4)
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	64	0	0	0	55	0	0	0	(9)	0	0	0	(9)
Total	226	0	0	0	183	0	0	0	(43)	0	0	0	(43)
Virginia State University													
Education (13)	75	29	11	0	48	21	16	0	(27)	(8)	5	0	(30)
Engineering (14)*	8	0	0	0	10	0	0	0	2	0	0	0	2
Eng. Technologies (15)	30	0	0	0	45	0	0	0	15	0	0	0	15
Biology (26)	37	14	0	0	57	7	0	0	20	(7)	0	0	13
Physical Sci. (40)	7	0	0	0	2	0	0	0	(5)	0	0	0	(5)
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	58	18	0	0	47	13	0	0	(11)	(5)	0	0	(16)
Total	215	61	11	0	209	41	16	0	(6)	(20)	5	0	(21)
Virginia Tech													
Education (13)	0	165	49	0	0	168	38	0	0	3	(11)	0	(8)
Engineering (14)*	1,112	374	138	0	1,291	312	139	0	179	(62)	1	0	118
Eng. Technologies (15)	33	0	0	0	38	0	0	0	5	0	0	0	5
Biology (26)	485	26	23	0	494	40	48	0	9	14	25	0	48
Physical Sci. (40)	173	15	35	0	159	18	41	0	(14)	3	6	0	(5)
Health (51)	0	36	0	0	0	28	0	37	0	(8)	0	37	29
Data Sci&Tech (11,14,25,52)	1,002	300	98	0	1,173	342	77	0	171	42	(21)	0	192
Total	2,805	916	343	0	3,155	908	343	37	350	(8)	0	37	379
William and Mary													
Education (13)	0	139	36	0	0	129	32	0	0	(10)	(4)	0	(14)
Engineering (14)*	0	0	0	0	0	0	0	0	0	0	0	0	0
Eng. Technologies (15)	0	0	0	0	0	0	0	0	0	0	0	0	0
Biology (26)	217	15	12	0	189	17	11	0	(28)	2	(1)	0	(27)
Physical Sci. (40)	95	19	16	0	118	13	14	0	23	(6)	(2)	0	15
Health (51)	0	0	0	0	0	0	0	0	0	0	0	0	0
Data Sci&Tech (11,14,25,52)	137	103	9	0	130	89	12	0	(7)	(14)	3	0	(18)
Total	449	276	73	0	437	248	69	0	(12)	(28)	(4)	0	(44)
All Institutions' Total	13,819	6,325	1,348	601	14,788	6,278	1,378	616	969	(47)	30	15	967

Note: *Engineering (14) awards excluded those in C16 Data Science and Technology Degree Awards Report, specifically CIP Codes 14.0901, 14.0903 and 14.1001.

Expected Annual Award Increases and Actual Award Changes by Institution and Area from 2016-17 to 2017-18, and from 2017-18 to 2018-19

Inst.	Data Science & Tech			Science & Engineering			Healthcare			Education			Total		
	Expected Annual Increase	Change from 2016-17 to 2017-18	Change from 2017-18 to 2018-19	Expected Annual Increase	Change from 2016-17 to 2017-18	Change from 2017-18 to 2018-19	Expected Annual Increase	Change from 2016-17 to 2017-18	Change from 2017-18 to 2018-19	Expected Annual Increase	Change from 2016-17 to 2017-18	Change from 2017-18 to 2018-19	Expected Annual Increase	Change from 2016-17 to 2017-18	Change from 2017-18 to 2018-19
CNU	5	1	21	15	(26)	24					7	(17)	20	(18)	28
GMU	50	121	93	35	46	45	35	1	25	40	47	72	160	215	235
JMU	10	15	5	15	(10)	(8)	45	3	32	15	37	(28)	85	45	1
LU		3		5	(12)	7	5	3	28	5	26	(51)	15	20	(16)
NSU	5	(3)	(23)	5	(24)	(44)	5	(11)	(21)	5	(1)	(1)	20	(39)	(89)
ODU	15	38	22	40	(30)	17	40	(40)	(74)	30	(45)	(48)	125	(77)	(83)
RU	5	(1)	16	5	(21)	22	10	22	8	10	(22)	21	30	(22)	67
UMW		(5)	21	5	(19)	(2)		8	10	5	(14)	0	10	(30)	29
UVA	20	18	366	30	13	(50)	20	26	(10)	10	44	46	80	101	352
VCU	20	2	(15)	30	(24)	40	40	(38)	44	20	(7)	103	110	(67)	172
VMI	5	26	(9)	5	17	(34)							10	43	(43)
VSU	5	(3)	(16)	5	(17)	25				5	(1)	(30)	15	(21)	(21)
VT	60	80	192	100	(121)	166		(6)	29		(47)	(8)	160	(94)	379
WM	20	22	(18)	15	(23)	(12)				5	30	(14)	40	29	(44)
Total	220	314	655	310	(251)	196	200	(32)	71	150	54	45	880	85	967

Note: LU, UMW, VT and WM did not have expected annual increases in some programs but produced awards.