

**18A:71B-104 to 18A:71B-110**  
**LEGISLATIVE HISTORY CHECKLIST**  
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**LAWS OF:** 2019                      **CHAPTER:** 431  
**NJSA:** 18A:71B-104 to 18A:71B-110 (Establishes program to increase participation of underrepresented students in New Jersey's science and engineering workforce.)

**BILL NO:** S3685                      (Substituted for A5345)

**SPONSOR(S)** Paul A. Sarlo and others

**DATE INTRODUCED:** 5/13/2019

**COMMITTEE:**                      **ASSEMBLY:** Higher Education  
Appropriations  
**SENATE:** Higher Education  
Budget & Appropriations

**AMENDED DURING PASSAGE:**      Yes

**DATE OF PASSAGE:**                      **ASSEMBLY:** 12/16/2019  
**SENATE:** 1/9/2020

**DATE OF APPROVAL:**                      1/21/2020

**FOLLOWING ARE ATTACHED IF AVAILABLE:**

**FINAL TEXT OF BILL** (Second Reprint enacted)                      Yes

**S3685**  
**SPONSOR'S STATEMENT:** (Begins on page 5 of introduced bill) Yes

**COMMITTEE STATEMENT:**                      **ASSEMBLY:** Yes      Appropriations  
Higher Ed.  
**SENATE:** Yes      Budget &  
Appropriations  
Higher Ed.

(Audio archived recordings of the committee meetings, corresponding to the date of the committee statement, *may possibly* be found at [www.njleg.state.nj.us](http://www.njleg.state.nj.us))

**FLOOR AMENDMENT STATEMENT:**                      No

**LEGISLATIVE FISCAL ESTIMATE:**                      Yes      6/19/2019  
12/16/2019

**A5345**

**SPONSOR'S STATEMENT:** (Begins on page 5 of introduced bill) Yes

**COMMITTEE STATEMENT:** **ASSEMBLY:** Yes Appropriations  
Higher Ed.

**SENATE:** No

(Audio archived recordings of the committee meetings, corresponding to the date of the committee statement, *may possibly* be found at [www.njleg.state.nj.us](http://www.njleg.state.nj.us))

**FLOOR AMENDMENT STATEMENT:** No

**LEGISLATIVE FISCAL ESTIMATE:** Yes 12/16/2019

**VETO MESSAGE:** No

**GOVERNOR'S PRESS RELEASE ON SIGNING:** Yes

**FOLLOWING WERE PRINTED:**

To check for circulating copies, contact New Jersey State Government Publications at the State Library [609\) 278-2640 ext.103](tel:609-278-2640) or <mailto:refdesk@njstatelib.org>

**REPORTS:** No

**HEARINGS:** No

**NEWSPAPER ARTICLES:** No

**Also of possible interest:**

Committee meeting of Assembly Education Committee [and] Assembly Science, Innovation, and Technology Committee : the Committees will meet to hear testimony from invited guests regarding the importance of science, technology, engineering, and mathematics (STEM) education for students in kindergarten through grade 12, and particularly the ways in which female and minority students are being reached through STEM programs both inside and outside of school [March 21, 2019, Ewing Township, New Jersey] / meeting recorded and transcribed by the Office of Legislative Services, Public Information Office, Hearing Unit.

Call number: 974.90 E24, 2019c

Online at: <http://hdl.handle.net/10929/54201>

Rwh/cl

Title 18A.  
Subtitle 12A.  
Part 2.  
Article 15. (New)  
NJ ACES  
Program  
§§1-7 -  
C.18A:71B-104  
to 18A:71B-110

P.L. 2019, CHAPTER 431, *approved January 21, 2020*  
Senate, No. 3685 (*Second Reprint*)

1 AN ACT concerning access to engineering and science careers and  
2 supplementing chapter 71B of Title 18A of the New Jersey  
3 Statutes.

4  
5 **BE IT ENACTED** by the Senate and General Assembly of the State  
6 of New Jersey:

7  
8 1. As used in this act:

9 “Partner high school” means a high school that has been selected  
10 for participation in the New Jersey “Accessing Careers in  
11 Engineering and Science (ACES) Program” pursuant to subsection  
12 a. of section 3 of this act.

13 “Public or independent research university” means Rutgers, The  
14 State University of New Jersey, Rowan University, the New Jersey  
15 Institute of Technology, Montclair State University, Stevens  
16 Institute of Technology, <sup>1</sup>**[Princeton University,]** <sup>2</sup>Princeton  
17 University,<sup>2</sup> and Seton Hall University.

18 “Underrepresented student” means a student who is a member of  
19 an underserved community or a member of a group that is  
20 underrepresented in the STEM fields.

21  
22 2. a. The Secretary of Higher Education shall establish the  
23 New Jersey “Accessing Careers in Engineering and Science (ACES)  
24 Program.” The purposes of the program are to increase the  
25 participation of underrepresented students in the science,  
26 technology, engineering, and mathematics (STEM) fields; and to  
27 develop a larger and more diverse STEM workforce in the State.  
28 The ACES Program shall consist of two components: (1) a  
29 residential pre-college summer program for selected high school  
30 students established pursuant to section 3 of this act; and (2) an  
31 undergraduate ACES Scholar program established pursuant to  
32 section 4 of this act.

**EXPLANATION** – Matter enclosed in bold-faced brackets **[thus]** in the above bill is not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

<sup>1</sup>Senate SHI committee amendments adopted June 6, 2019.

<sup>2</sup>Assembly AHI committee amendments adopted December 5, 2019.

1       b. The secretary shall select up to <sup>1</sup>[seven] <sup>2</sup>[six<sup>1</sup>] seven<sup>2</sup>  
2 public or independent research universities in New Jersey to  
3 implement the ACES Program, based upon the university's interest  
4 in participating in the program and subject to the availability of  
5 funds. A public or independent research university that wants to  
6 participate shall submit an application to the secretary, which  
7 includes a proposal for implementing both the pre-college summer  
8 program and the undergraduate ACES Scholar program in  
9 accordance with sections 3 and 4 of this act. The university's  
10 proposal shall also include the university's plans for funding its  
11 share of the program costs and for obtaining the necessary private  
12 sector funding pursuant to section 5 of this act.

13  
14       3. a. Each research university that participates in the ACES  
15 Program shall establish a residential pre-college summer program  
16 for selected underrepresented high school students who attend a  
17 partner high school. Partner high schools shall be selected by the  
18 research university, in consultation with the Secretary of Higher  
19 Education, based on certain criteria including the high school's  
20 population of underrepresented students, socioeconomic status, the  
21 availability of rigorous STEM coursework, and a supportive school  
22 administration. During each school year, teachers and school  
23 counselors at a partner high school shall identify and nominate  
24 talented underrepresented students for participation in the ACES  
25 pre-college program for the upcoming summer. Each student who  
26 is selected for the pre-college summer program shall receive a  
27 tuition-free scholarship to participate in the program and travel  
28 stipends, if necessary.

29       b. The ACES pre-college summer program at each  
30 participating research university shall consist of a one or two-week  
31 immersive, residential program that introduces high school students  
32 to a range of topics in science, engineering, mathematics, and  
33 technology in a hands-on learning environment. The program shall  
34 provide the students with exposure to the college experience and  
35 encourage the students to pursue an education in the STEM fields.  
36 The pre-college summer program and follow-up activities at each  
37 participating research university shall include, at a minimum, the  
38 following components:

39       (1) exposure to the STEM disciplines with a focus on hands-on  
40 learning;

41       (2) engagement with faculty, staff, and current students at the  
42 university during and after the pre-college summer program;

43       (3) counseling on the college admissions and financial aid  
44 processes;

45       (4) introduction to successful university graduates who work in  
46 the STEM fields in New Jersey, including corporate site visits to  
47 STEM and technology companies;

1 (5) customized college visit days during the college admissions  
2 process for students who attended the pre-college summer program;  
3 and

4 (6) professional development programs for teachers and school  
5 counselors at the partner high schools.  
6

7 4. a. Each research university that participates in the ACES  
8 Program shall establish an undergraduate ACES Scholar program,  
9 which provides talented underrepresented students who have been  
10 accepted for admission to the university and who are interested in  
11 pursuing a degree in a STEM discipline, with generous financial aid  
12 packages and enhanced academic support as they pursue their  
13 baccalaureate degrees. In selecting students for participation in the  
14 undergraduate ACES Scholar program, the university may give  
15 preference to students who previously participated in the ACES pre-  
16 college summer program.

17 b. The undergraduate ACES Scholar program at each  
18 participating research university shall include, at a minimum, the  
19 following components:

20 (1) admissions and financial aid workshops for high school  
21 students interested in applying for the undergraduate ACES Scholar  
22 program;

23 (2) a substantial scholarship package for each student selected to  
24 participate in the ACES Scholar program, including support for  
25 tuition, fees, and living expenses;

26 (3) customized campus visit days for the ACES Scholars and  
27 their families;

28 (4) enhanced academic support services for the ACES Scholars  
29 throughout the pursuit of their college degrees;

30 (5) mentorship programs, including faculty and peer mentoring;

31 (6) alumni networking opportunities;

32 (7) opportunities for co-operative education and internship  
33 programs with New Jersey STEM companies; and

34 (8) any other services as determined by the research university  
35 to assist the ACES Scholars in acclimating to college and  
36 succeeding as they pursue their STEM degrees.

37 c. The Secretary of Higher Education may require, as a  
38 condition of participating in the ACES Scholar program and  
39 receiving scholarship funds, that the participating students commit  
40 to working in the State of New Jersey for four years after  
41 graduating from the research university.  
42

43 5. The New Jersey ACES Program established pursuant to this  
44 act shall be funded equally by three sectors: the State of New  
45 Jersey; the participating public or independent research universities;  
46 and the State's private sector. The State shall fund one-third of the  
47 annual total program costs through appropriations, and the

1 participating research universities shall fund one-third of the annual  
2 total program costs. The participating research universities shall be  
3 responsible for soliciting and securing the remaining one-third of  
4 program costs from the New Jersey private sector including  
5 corporations and companies representative of the STEM industry.

6  
7 <sup>2</sup>6. Each research university that participates in the ACES  
8 Program shall annually submit a report on the program to the  
9 Secretary of Higher Education in a time and manner as determined  
10 by the secretary. The report shall include, but not be limited to:

11 a. the number of eligible underrepresented students who were  
12 nominated for the pre-college summer program and who applied for  
13 admission to the university;

14 b. the number of eligible underrepresented students who  
15 participated in the pre-college summer program and who enrolled in  
16 the university;

17 c. the number and percentage of pre-college summer program  
18 students who participated in the undergraduate ACES Scholar  
19 program;

20 d. the number and percentage of pre-college summer program  
21 students who enrolled in a STEM undergraduate degree program;

22 e. the annual retention rate of undergraduate students who  
23 enrolled in the university after participating in the pre-college  
24 summer program;

25 f. the graduation rate and employment data for students who  
26 participated in the undergraduate ACES Scholar program, including  
27 the corporations and companies employing the students; and

28 g. the amount of private funding secured by the university from  
29 the State's private sector, including from corporations and  
30 companies representative of the STEM industry.<sup>2</sup>

31  
32 <sup>2</sup>[6.] 7.<sup>2</sup> The Secretary of Higher Education shall adopt rules  
33 and regulations pursuant to the "Administrative Procedure Act,"  
34 P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to effectuate the  
35 purposes of this act.

36  
37 <sup>2</sup>[7.] 8.<sup>2</sup> This act shall take effect immediately.

38  
39  
40  
41  
42 Establishes program to increase participation of underrepresented  
43 students in New Jersey's science and engineering workforce.

**SENATE, No. 3685**

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**STATE OF NEW JERSEY**  
**218th LEGISLATURE**

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INTRODUCED MAY 13, 2019

**Sponsored by:**

**Senator PAUL A. SARLO**

**District 36 (Bergen and Passaic)**

**Senator TROY SINGLETON**

**District 7 (Burlington)**

**SYNOPSIS**

Establishes program to increase participation of underrepresented students in New Jersey's science and engineering workforce.

**CURRENT VERSION OF TEXT**

As introduced.



**(Sponsorship Updated As Of: 5/14/2019)**

1 AN ACT concerning access to engineering and science careers and  
2 supplementing chapter 71B of Title 18A of the New Jersey  
3 Statutes.

4  
5 **BE IT ENACTED** by the Senate and General Assembly of the State  
6 of New Jersey:

7  
8 1. As used in this act:

9 “Partner high school” means a high school that has been selected  
10 for participation in the New Jersey “Accessing Careers in  
11 Engineering and Science (ACES) Program” pursuant to subsection  
12 a. of section 3 of this act.

13 “Public or independent research university” means Rutgers, The  
14 State University of New Jersey, Rowan University, the New Jersey  
15 Institute of Technology, Montclair State University, Stevens  
16 Institute of Technology, Princeton University, and Seton Hall  
17 University.

18 “Underrepresented student” means a student who is a member of  
19 an underserved community or a member of a group that is  
20 underrepresented in the STEM fields.

21  
22 2. a. The Secretary of Higher Education shall establish the  
23 New Jersey “Accessing Careers in Engineering and Science (ACES)  
24 Program.” The purposes of the program are to increase the  
25 participation of underrepresented students in the science,  
26 technology, engineering, and mathematics (STEM) fields; and to  
27 develop a larger and more diverse STEM workforce in the State.  
28 The ACES Program shall consist of two components: (1) a  
29 residential pre-college summer program for selected high school  
30 students established pursuant to section 3 of this act; and (2) an  
31 undergraduate ACES Scholar program established pursuant to  
32 section 4 of this act.

33 b. The secretary shall select up to seven public or independent  
34 research universities in New Jersey to implement the ACES  
35 Program, based upon the university’s interest in participating in the  
36 program and subject to the availability of funds. A public or  
37 independent research university that wants to participate shall  
38 submit an application to the secretary, which includes a proposal for  
39 implementing both the pre-college summer program and the  
40 undergraduate ACES Scholar program in accordance with sections  
41 3 and 4 of this act. The university’s proposal shall also include the  
42 university’s plans for funding its share of the program costs and for  
43 obtaining the necessary private sector funding pursuant to section 5  
44 of this act.

45  
46 3. a. Each research university that participates in the ACES  
47 Program shall establish a residential pre-college summer program



1 for selected underrepresented high school students who attend a  
2 partner high school. Partner high schools shall be selected by the  
3 research university, in consultation with the Secretary of Higher  
4 Education, based on certain criteria including the high school's  
5 population of underrepresented students, socioeconomic status, the  
6 availability of rigorous STEM coursework, and a supportive school  
7 administration. During each school year, teachers and school  
8 counselors at a partner high school shall identify and nominate  
9 talented underrepresented students for participation in the ACES  
10 pre-college program for the upcoming summer. Each student who  
11 is selected for the pre-college summer program shall receive a  
12 tuition-free scholarship to participate in the program and travel  
13 stipends, if necessary.

14 b. The ACES pre-college summer program at each  
15 participating research university shall consist of a one or two-week  
16 immersive, residential program that introduces high school students  
17 to a range of topics in science, engineering, mathematics, and  
18 technology in a hands-on learning environment. The program shall  
19 provide the students with exposure to the college experience and  
20 encourage the students to pursue an education in the STEM fields.  
21 The pre-college summer program and follow-up activities at each  
22 participating research university shall include, at a minimum, the  
23 following components:

24 (1) exposure to the STEM disciplines with a focus on hands-on  
25 learning;

26 (2) engagement with faculty, staff, and current students at the  
27 university during and after the pre-college summer program;

28 (3) counseling on the college admissions and financial aid  
29 processes;

30 (4) introduction to successful university graduates who work in  
31 the STEM fields in New Jersey, including corporate site visits to  
32 STEM and technology companies;

33 (5) customized college visit days during the college admissions  
34 process for students who attended the pre-college summer program;  
35 and

36 (6) professional development programs for teachers and school  
37 counselors at the partner high schools.

38

39 4. a. Each research university that participates in the ACES  
40 Program shall establish an undergraduate ACES Scholar program,  
41 which provides talented underrepresented students who have been  
42 accepted for admission to the university and who are interested in  
43 pursuing a degree in a STEM discipline, with generous financial aid  
44 packages and enhanced academic support as they pursue their  
45 baccalaureate degrees. In selecting students for participation in the  
46 undergraduate ACES Scholar program, the university may give

1 preference to students who previously participated in the ACES pre-  
2 college summer program.

3 b. The undergraduate ACES Scholar program at each  
4 participating research university shall include, at a minimum, the  
5 following components:

6 (1) admissions and financial aid workshops for high school  
7 students interested in applying for the undergraduate ACES Scholar  
8 program;

9 (2) a substantial scholarship package for each student selected to  
10 participate in the ACES Scholar program, including support for  
11 tuition, fees, and living expenses;

12 (3) customized campus visit days for the ACES Scholars and  
13 their families;

14 (4) enhanced academic support services for the ACES Scholars  
15 throughout the pursuit of their college degrees;

16 (5) mentorship programs, including faculty and peer mentoring;

17 (6) alumni networking opportunities;

18 (7) opportunities for co-operative education and internship  
19 programs with New Jersey STEM companies; and

20 (8) any other services as determined by the research university to  
21 assist the ACES Scholars in acclimating to college and succeeding  
22 as they pursue their STEM degrees.

23 c. The Secretary of Higher Education may require, as a  
24 condition of participating in the ACES Scholar program and  
25 receiving scholarship funds, that the participating students commit  
26 to working in the State of New Jersey for four years after  
27 graduating from the research university.

28

29 5. The New Jersey ACES Program established pursuant to this  
30 act shall be funded equally by three sectors: the State of New  
31 Jersey; the participating public or independent research universities;  
32 and the State's private sector. The State shall fund one-third of the  
33 annual total program costs through appropriations, and the  
34 participating research universities shall fund one-third of the annual  
35 total program costs. The participating research universities shall be  
36 responsible for soliciting and securing the remaining one-third of  
37 program costs from the New Jersey private sector including  
38 corporations and companies representative of the STEM industry.

39

40 6. The Secretary of Higher Education shall adopt rules and  
41 regulations pursuant to the "Administrative Procedure Act,"  
42 P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to effectuate the  
43 purposes of this act.

44

45 7. This act shall take effect immediately.

## STATEMENT

1

2

3 This bill would establish a scholarship program, entitled the New  
4 Jersey “Accessing Careers in Engineering and Science (ACES)  
5 Program,” in order to increase the participation of underrepresented  
6 students in the State’s science, technology, engineering, and  
7 mathematics (STEM) workforce. The Secretary of Higher  
8 Education will select up to seven public or independent research  
9 universities in New Jersey to implement the ACES Program, based  
10 on the university’s interest and the availability of funds. The ACES  
11 Program will consist of two components: (1) a residential pre-  
12 college summer program for selected high school students who  
13 attend a partner high school; and (2) an undergraduate ACES  
14 Scholar program. Students who participate in the ACES Program  
15 must be a member of an underserved community or a member of a  
16 group that is underrepresented in the STEM fields.

17 Each participating research university will conduct a one or two-  
18 week immersive, residential program that introduces high school  
19 students to the STEM disciplines with a focus on hands-on learning.  
20 The partner high schools will be selected by the research university,  
21 in consultation with the Secretary of Higher Education, based on  
22 certain criteria including the high school’s population of  
23 underrepresented students, socioeconomic status, the availability of  
24 rigorous STEM coursework, and a supportive school administration.  
25 During each school year, teachers and school counselors at a partner  
26 high school will nominate talented underrepresented students for  
27 participation in the pre-college summer program, and each student  
28 who is selected to attend will receive a tuition-free scholarship.  
29 The residential pre-college summer program will include  
30 engagement with university faculty, staff, and students; counseling  
31 on the college admissions and financial aid processes; introduction  
32 to successful university graduates who work in the STEM fields in  
33 New Jersey; site visits to STEM and technology companies;  
34 customized college visit days during the college admissions  
35 process; and professional development programs for teachers and  
36 school counselors at the partner high schools.

37 Each participating research university will also establish an  
38 undergraduate ACES Scholar program. The ACES Scholar  
39 program will provide talented underrepresented students who have  
40 been accepted for admission to the university and who are  
41 interested in pursuing a degree in a STEM discipline, with generous  
42 scholarship packages and enhanced academic support as they  
43 pursue their baccalaureate degrees. In addition, the students will  
44 have access to mentorship programs, alumni networking  
45 opportunities, and opportunities for co-operative education and  
46 internship programs with New Jersey STEM companies. In  
47 selecting students for participation in the undergraduate ACES

1 Scholar program, the university may give preference to students  
2 who previously participated in the ACES pre-college summer  
3 program. The Secretary of Higher Education may require, as a  
4 condition of participating in the ACES Scholar program and  
5 receiving scholarship funds, that the participating students commit  
6 to working in the State of New Jersey for four years after  
7 graduating from the research university.

8 Under the bill, the ACES Program will be funded equally by  
9 three sectors: the State of New Jersey; the participating public or  
10 independent research universities; and the State's private sector.  
11 The State will fund one-third of the annual total program costs  
12 through appropriations, and the participating research universities  
13 will fund one-third of the annual total program costs. The  
14 participating research universities will be responsible for soliciting  
15 and securing the remaining one-third of program costs from the  
16 New Jersey private sector including corporations and companies  
17 representative of the STEM industry.

18 The New Jersey ACES Program established under the bill is  
19 modeled after a similar ACES program created at Stevens Institute  
20 of Technology, and the bill would provide State support for broader  
21 implementation of such a program.

# ASSEMBLY APPROPRIATIONS COMMITTEE

## STATEMENT TO

[Second Reprint]

**SENATE, No. 3685**

# **STATE OF NEW JERSEY**

DATED: DECEMBER 12, 2019

The Assembly Appropriations Committee reports favorably Senate Bill No. 3685 (1R).

This bill establishes a scholarship program, entitled the New Jersey “Accessing Careers in Engineering and Science (ACES) Program,” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to seven public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and the availability of funds. The ACES Program will consist of two components: (1) a residential pre-college summer program for selected high school students who attend a partner high school; and (2) an undergraduate ACES Scholar program. Students who participate in the ACES Program must be a member of an underserved community or a member of a group that is underrepresented in the STEM fields.

Each participating research university will conduct a one or two-week immersive, residential program that introduces high school students to the STEM disciplines with a focus on hands-on learning. The partner high schools will be selected by the research university, in consultation with the Secretary of Higher Education, based on certain criteria including the high school’s population of underrepresented students, socioeconomic status, the availability of rigorous STEM coursework, and a supportive school administration. During each school year, teachers and school counselors at a partner high school will nominate talented underrepresented students for participation in the pre-college summer program, and each student who is selected to attend will receive a tuition-free scholarship. The residential pre-college summer program will include engagement with university faculty, staff, and students; counseling on the college admissions and financial aid processes; introduction to successful university graduates who work in the STEM fields in New Jersey; site visits to STEM and technology companies; customized college visit days during the college admissions process; and professional development programs for teachers and school counselors at the partner high schools.

Each participating research university will also establish an undergraduate ACES Scholar program. The ACES Scholar program

will provide talented underrepresented students who have been accepted for admission to the university and who are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees. In addition, the students will have access to mentorship programs, alumni networking opportunities, and opportunities for co-operative education and internship programs with New Jersey STEM companies. In selecting students for participation in the undergraduate ACES Scholar program, the university may give preference to students who previously participated in the ACES pre-college summer program. The Secretary of Higher Education may require, as a condition of participating in the ACES Scholar program and receiving scholarship funds, that the participating students commit to working in the State of New Jersey for four years after graduating from the research university.

Under the bill, the ACES Program will be funded equally by three sectors: the State of New Jersey; the participating public or independent research universities; and the State's private sector. The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector including corporations and companies representative of the STEM industry.

Under the bill, each research university that participates in the ACES Program will annually submit a report on the program to the Secretary of Higher Education.

The New Jersey ACES Program established under the bill is modeled after a similar ACES program created at Stevens Institute of Technology, and the bill would provide State support for broader implementation of such a program.

As reported by the committee, this bill is identical to Assembly Bill No. 5345 (1R), as also reported by the committee.

#### FISCAL IMPACT:

The Office of Legislative Services (OLS) concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the Accessing Careers in Engineering and Science (ACES) Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs.

Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

# ASSEMBLY HIGHER EDUCATION COMMITTEE

## STATEMENT TO

[First Reprint]

## SENATE, No. 3685

with committee amendments

# STATE OF NEW JERSEY

DATED: DECEMBER 5, 2019

The Assembly Higher Education Committee reports favorably Senate Bill No. 3685 (1R), with committee amendments.

As amended, this bill establishes a scholarship program, entitled the New Jersey “Accessing Careers in Engineering and Science (ACES) Program,” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to seven public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and the availability of funds. The ACES Program will consist of two components: (1) a residential pre-college summer program for selected high school students who attend a partner high school; and (2) an undergraduate ACES Scholar program. Students who participate in the ACES Program must be a member of an underserved community or a member of a group that is underrepresented in the STEM fields.

Each participating research university will conduct a one or two-week immersive, residential program that introduces high school students to the STEM disciplines with a focus on hands-on learning. The partner high schools will be selected by the research university, in consultation with the Secretary of Higher Education, based on certain criteria including the high school’s population of underrepresented students, socioeconomic status, the availability of rigorous STEM coursework, and a supportive school administration. During each school year, teachers and school counselors at a partner high school will nominate talented underrepresented students for participation in the pre-college summer program, and each student who is selected to attend will receive a tuition-free scholarship. The residential pre-college summer program will include engagement with university faculty, staff, and students; counseling on the college admissions and financial aid processes; introduction to successful university graduates who work in the STEM fields in New Jersey; site visits to STEM and technology companies; customized college visit days during the college admissions

process; and professional development programs for teachers and school counselors at the partner high schools.

Each participating research university will also establish an undergraduate ACES Scholar program. The ACES Scholar program will provide talented underrepresented students who have been accepted for admission to the university and who are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees. In addition, the students will have access to mentorship programs, alumni networking opportunities, and opportunities for co-operative education and internship programs with New Jersey STEM companies. In selecting students for participation in the undergraduate ACES Scholar program, the university may give preference to students who previously participated in the ACES pre-college summer program. The Secretary of Higher Education may require, as a condition of participating in the ACES Scholar program and receiving scholarship funds, that the participating students commit to working in the State of New Jersey for four years after graduating from the research university.

Under the bill, the ACES Program will be funded equally by three sectors: the State of New Jersey; the participating public or independent research universities; and the State's private sector. The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector including corporations and companies representative of the STEM industry.

Under the bill, each research university that participates in the ACES Program will annually submit a report on the program to the Secretary of Higher Education.

The New Jersey ACES Program established under the bill is modeled after a similar ACES program created at Stevens Institute of Technology, and the bill would provide State support for broader implementation of such a program.

As amended and reported by the committee, this bill is identical to Assembly Bill No. 5345, which also was amended and reported by the committee on this same date.

#### COMMITTEE AMENDMENTS:

The committee amended the bill to:

- (1) include Princeton University as one of the qualifying research universities for the ACES Program; and



- (2) establish an annual reporting requirement for each participating research university on the ACES Program and specify the information to be included in the report.

# SENATE BUDGET AND APPROPRIATIONS COMMITTEE

## STATEMENT TO

[First Reprint]

**SENATE, No. 3685**

# **STATE OF NEW JERSEY**

DATED: JUNE 17, 2019

The Senate Budget and Appropriations Committee reports favorably Senate Bill No. 3685 (1R).

Senate Bill No. 3685 establishes a scholarship program, entitled the New Jersey “Accessing Careers in Engineering and Science (ACES) Program,” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education is to select up to six public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and the availability of funds. The ACES Program is to consist of two components: (1) a residential pre-college summer program for selected high school students who attend a partner high school; and (2) an undergraduate ACES Scholar program. Students who participate in the ACES Program are to be a member of an underserved community or a member of a group that is underrepresented in the STEM fields.

Each participating research university is to conduct a one or two-week immersive, residential program that introduces high school students to the STEM disciplines with a focus on hands-on learning. Partner high schools are to be selected by the research universities, in consultation with the Secretary of Higher Education, based on certain criteria including the high school’s population of underrepresented students, socioeconomic status, the availability of rigorous STEM coursework, and a supportive school administration. During each school year, teachers and school counselors at a partner high school are to nominate talented underrepresented students for participation in the pre-college summer program, and each student who is selected to attend is to receive a tuition-free scholarship. The residential pre-college summer program is to include: engagement with university faculty, staff, and students; counseling on the college admissions and financial aid processes; introduction to successful university graduates who work in the STEM fields in New Jersey; site visits to STEM and technology companies; customized college visit days during the college admissions process; and professional development programs for teachers and school counselors at the partner high schools.

The bill requires each participating research university to also establish an undergraduate ACES Scholar program. The ACES Scholar program is to provide talented underrepresented students who have been accepted for admission to the university and who are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees. In addition, the students are to have access to mentorship programs, alumni networking opportunities, and opportunities for co-operative education and internship programs with New Jersey STEM companies. In selecting students for participation in the undergraduate ACES Scholar program, the university may give preference to students who previously participated in the ACES pre-college summer program. The Secretary of Higher Education may require, as a condition of participating in the ACES Scholar program and receiving scholarship funds, that the participating students commit to working in the State of New Jersey for four years after graduating from the research university.

Under the bill, the ACES Program is to be funded equally by three sectors: the State of New Jersey; the participating public or independent research universities; and the State's private sector. The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector, including corporations and companies representative of the STEM industry.

The New Jersey ACES Program established under the bill is modeled after a similar ACES program created at Stevens Institute of Technology, and provides State support for broader implementation of such a program.

**FISCAL IMPACT:**

The Office of Legislative Services (OLS) concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the Accessing Careers in Engineering and Science (ACES) Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs, and those universities are responsible for soliciting and securing the final one-third of program costs from the private sector. Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

# SENATE HIGHER EDUCATION COMMITTEE

## STATEMENT TO

### **SENATE, No. 3685**

with committee amendments

# **STATE OF NEW JERSEY**

DATED: JUNE 6, 2019

The Senate Higher Education Committee reports favorably Senate Bill No. 3685 with committee amendments.

As amended, this bill would establish a scholarship program, entitled the New Jersey “Accessing Careers in Engineering and Science (ACES) Program,” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to six public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and the availability of funds. The ACES Program will consist of two components: (1) a residential pre-college summer program for selected high school students who attend a partner high school; and (2) an undergraduate ACES Scholar program. Students who participate in the ACES Program must be a member of an underserved community or a member of a group that is underrepresented in the STEM fields.

Each participating research university will conduct a one or two-week immersive, residential program that introduces high school students to the STEM disciplines with a focus on hands-on learning. Partner high schools will be selected by the research universities, in consultation with the Secretary of Higher Education, based on certain criteria including the high school’s population of underrepresented students, socioeconomic status, the availability of rigorous STEM coursework, and a supportive school administration. During each school year, teachers and school counselors at a partner high school will nominate talented underrepresented students for participation in the pre-college summer program, and each student who is selected to attend will receive a tuition-free scholarship. The residential pre-college summer program will include: engagement with university faculty, staff, and students; counseling on the college admissions and financial aid processes; introduction to successful university graduates who work in the STEM fields in New Jersey; site visits to STEM and technology companies; customized college visit days during the college admissions process; and professional development programs for teachers and school counselors at the partner high schools.

Each participating research university will also establish an undergraduate ACES Scholar program. The ACES Scholar program will provide talented underrepresented students who have been accepted for admission to the university and who are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees. In addition, the students will have access to mentorship programs, alumni networking opportunities, and opportunities for co-operative education and internship programs with New Jersey STEM companies. In selecting students for participation in the undergraduate ACES Scholar program, the university may give preference to students who previously participated in the ACES pre-college summer program. The Secretary of Higher Education may require, as a condition of participating in the ACES Scholar program and receiving scholarship funds, that the participating students commit to working in the State of New Jersey for four years after graduating from the research university.

Under the bill, the ACES Program will be funded equally by three sectors: the State of New Jersey; the participating public or independent research universities; and the State's private sector. The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector including corporations and companies representative of the STEM industry.

The New Jersey ACES Program established under the bill is modeled after a similar ACES program created at Stevens Institute of Technology, and the bill would provide State support for broader implementation of such a program.

The committee amended the bill to remove Princeton University from the definition of "public or independent research university" and to provide that the Secretary of Higher Education will select up to six, rather than up to seven, public or independent research universities in New Jersey to implement the ACES Program.

# LEGISLATIVE FISCAL ESTIMATE

[First Reprint]

**SENATE, No. 3685**

## **STATE OF NEW JERSEY 218th LEGISLATURE**

DATED: JUNE 19, 2019

### **SUMMARY**

- Synopsis:** Establishes program to increase participation of underrepresented students in New Jersey’s science and engineering workforce.
- Type of Impact:** Annual State Expenditure Increase, General Fund.
- Agencies Affected:** Office of the Secretary of Higher Education and Certain Research Universities.

#### **Office of Legislative Services Estimate**

<b>Fiscal Impact</b>	<b><u>Annual</u></b>
<b>State Cost</b>	Indeterminate Increase
<b>Research Universities Cost</b>	Indeterminate Increase

- The Office of Legislative Services (OLS) concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the Accessing Careers in Engineering and Science (ACES) Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs.
- Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

### **BILL DESCRIPTION**

This bill would establish the New Jersey “Accessing Careers in Engineering and Science (ACES) Program” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to six public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and availability of funds.

The public or independent research universities specified under the bill are Rutgers, The State University of New Jersey, Rowan University, the New Jersey Institute of Technology, Montclair State University, Stevens Institute of Technology, and Seton Hall University. The ACES Program at each participating university will consist of two components: 1) a one or two-week immersive, residential program for selected high school students who attend a partner high school and 2) an ACES Scholar program, which will provide talented underrepresented students who have been accepted for admission to the university and are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees.

The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector, including corporations and companies representative of the STEM industry.

## **FISCAL ANALYSIS**

### ***EXECUTIVE BRANCH***

None received.

### ***OFFICE OF LEGISLATIVE SERVICES***

The OLS concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the ACES Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs, and those universities are responsible for soliciting and securing the final one-third of program costs from the private sector.

Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

*Section: Education*  
*Analyst: Christopher Myles*  
*Assistant Fiscal Analyst*  
*Approved: Frank W. Haines III*  
*Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

# LEGISLATIVE FISCAL ESTIMATE

[Second Reprint]

**SENATE, No. 3685**

## **STATE OF NEW JERSEY 218th LEGISLATURE**

DATED: DECEMBER 16, 2019

### SUMMARY

- Synopsis:** Establishes program to increase participation of underrepresented students in New Jersey’s science and engineering workforce.
- Type of Impact:** Annual State Expenditure Increase, General Fund.
- Agencies Affected:** Office of the Secretary of Higher Education and Certain Research Universities.

#### Office of Legislative Services Estimate

<b>Fiscal Impact</b>	<b><u>Annual</u></b>
<b>State Cost</b>	Indeterminate Increase
<b>Research Universities Cost</b>	Indeterminate Increase

- The Office of Legislative Services (OLS) concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the Accessing Careers in Engineering and Science (ACES) Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs.
- Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

### BILL DESCRIPTION

This bill would establish the New Jersey “Accessing Careers in Engineering and Science (ACES) Program” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to seven public or independent research universities in New Jersey to



implement the ACES Program, based on the university's interest and availability of funds. The public or independent research universities specified under the bill are Rutgers, The State University of New Jersey, Rowan University, the New Jersey Institute of Technology, Montclair State University, Stevens Institute of Technology, Princeton University, and Seton Hall University. The ACES Program at each participating university will consist of two components: 1) a one or two-week immersive, residential program for selected high school students who attend a partner high school and 2) an ACES Scholar program, which will provide talented underrepresented students who have been accepted for admission to the university and are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees.

The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector, including corporations and companies representative of the STEM industry.

Under the bill, each research university that participates in the ACES Program will annually submit a report on the program to the Secretary of Higher Education.

## **FISCAL ANALYSIS**

### ***EXECUTIVE BRANCH***

None received.

### ***OFFICE OF LEGISLATIVE SERVICES***

The OLS concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the ACES Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs, and those universities are responsible for soliciting and securing the final one-third of program costs from the private sector.

Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

*Section: Education*

*Analyst: Christopher Myles  
Assistant Fiscal Analyst*

*Approved: Frank W. Haines III  
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

# ASSEMBLY, No. 5345

## STATE OF NEW JERSEY 218th LEGISLATURE

INTRODUCED MAY 16, 2019

**Sponsored by:**

**Assemblyman RAJ MUKHERJI**

**District 33 (Hudson)**

**Assemblyman HERB CONAWAY, JR.**

**District 7 (Burlington)**

**Assemblywoman ANGELA V. MCKNIGHT**

**District 31 (Hudson)**

**Co-Sponsored by:**

**Assemblywoman Carter, Assemblymen Zwicker, Spearman,  
Assemblywomen Vainieri Huttie, Speight, Assemblymen Karabinchak,  
Giblin, Calabrese and Holley**

**SYNOPSIS**

Establishes program to increase participation of underrepresented students in New Jersey's science and engineering workforce.

**CURRENT VERSION OF TEXT**

As introduced.



**(Sponsorship Updated As Of: 8/26/2019)**

1 AN ACT concerning access to engineering and science careers and  
2 supplementing chapter 71B of Title 18A of the New Jersey  
3 Statutes.

4

5 **BE IT ENACTED** *by the Senate and General Assembly of the State*  
6 *of New Jersey:*

7

8 1. As used in this act:

9 “Partner high school” means a high school that has been selected  
10 for participation in the New Jersey “Accessing Careers in  
11 Engineering and Science (ACES) Program” pursuant to subsection  
12 a. of section 3 of this act.

13 “Public or independent research university” means Rutgers, The  
14 State University of New Jersey, Rowan University, the New Jersey  
15 Institute of Technology, Montclair State University, Stevens  
16 Institute of Technology, and Seton Hall University.

17 “Underrepresented student” means a student who is a member of  
18 an underserved community or a member of a group that is  
19 underrepresented in the STEM fields.

20

21 2. a. The Secretary of Higher Education shall establish the  
22 New Jersey “Accessing Careers in Engineering and Science (ACES)  
23 Program.” The purposes of the program are to increase the  
24 participation of underrepresented students in the science,  
25 technology, engineering, and mathematics (STEM) fields; and to  
26 develop a larger and more diverse STEM workforce in the State.  
27 The ACES Program shall consist of two components: (1) a  
28 residential pre-college summer program for selected high school  
29 students established pursuant to section 3 of this act; and (2) an  
30 undergraduate ACES Scholar program established pursuant to  
31 section 4 of this act.

32 b. The secretary shall select up to six public or independent  
33 research universities in New Jersey to implement the ACES  
34 Program, based upon the university’s interest in participating in the  
35 program and subject to the availability of funds. A public or  
36 independent research university that wants to participate shall  
37 submit an application to the secretary, which includes a proposal for  
38 implementing both the pre-college summer program and the  
39 undergraduate ACES Scholar program in accordance with sections  
40 3 and 4 of this act. The university’s proposal shall also include the  
41 university’s plans for funding its share of the program costs and for  
42 obtaining the necessary private sector funding pursuant to section 5  
43 of this act.

44

45 3. a. Each research university that participates in the ACES  
46 Program shall establish a residential pre-college summer program  
47 for selected underrepresented high school students who attend a  
48 partner high school. Partner high schools shall be selected by the

1 research university, in consultation with the Secretary of Higher  
2 Education, based on certain criteria including the high school's  
3 population of underrepresented students, socioeconomic status, the  
4 availability of rigorous STEM coursework, and a supportive school  
5 administration. During each school year, teachers and school  
6 counselors at a partner high school shall identify and nominate  
7 talented underrepresented students for participation in the ACES  
8 pre-college program for the upcoming summer. Each student who  
9 is selected for the pre-college summer program shall receive a  
10 tuition-free scholarship to participate in the program and travel  
11 stipends, if necessary.

12 b. The ACES pre-college summer program at each  
13 participating research university shall consist of a one or two-week  
14 immersive, residential program that introduces high school students  
15 to a range of topics in science, engineering, mathematics, and  
16 technology in a hands-on learning environment. The program shall  
17 provide the students with exposure to the college experience and  
18 encourage the students to pursue an education in the STEM fields.  
19 The pre-college summer program and follow-up activities at each  
20 participating research university shall include, at a minimum, the  
21 following components:

22 (1) exposure to the STEM disciplines with a focus on hands-on  
23 learning;

24 (2) engagement with faculty, staff, and current students at the  
25 university during and after the pre-college summer program;

26 (3) counseling on the college admissions and financial aid  
27 processes;

28 (4) introduction to successful university graduates who work in  
29 the STEM fields in New Jersey, including corporate site visits to  
30 STEM and technology companies;

31 (5) customized college visit days during the college admissions  
32 process for students who attended the pre-college summer program;  
33 and

34 (6) professional development programs for teachers and school  
35 counselors at the partner high schools.

36

37 4. a. Each research university that participates in the ACES  
38 Program shall establish an undergraduate ACES Scholar program,  
39 which provides talented underrepresented students who have been  
40 accepted for admission to the university and who are interested in  
41 pursuing a degree in a STEM discipline, with generous financial aid  
42 packages and enhanced academic support as they pursue their  
43 baccalaureate degrees. In selecting students for participation in the  
44 undergraduate ACES Scholar program, the university may give  
45 preference to students who previously participated in the ACES pre-  
46 college summer program.

- 1       b. The undergraduate ACES Scholar program at each  
2 participating research university shall include, at a minimum, the  
3 following components:
- 4       (1) admissions and financial aid workshops for high school  
5 students interested in applying for the undergraduate ACES Scholar  
6 program;
  - 7       (2) a substantial scholarship package for each student selected to  
8 participate in the ACES Scholar program, including support for  
9 tuition, fees, and living expenses;
  - 10       (3) customized campus visit days for the ACES Scholars and  
11 their families;
  - 12       (4) enhanced academic support services for the ACES Scholars  
13 throughout the pursuit of their college degrees;
  - 14       (5) mentorship programs, including faculty and peer mentoring;
  - 15       (6) alumni networking opportunities;
  - 16       (7) opportunities for co-operative education and internship  
17 programs with New Jersey STEM companies; and
  - 18       (8) any other services as determined by the research university  
19 to assist the ACES Scholars in acclimating to college and  
20 succeeding as they pursue their STEM degrees.
- 21       c. The Secretary of Higher Education may require, as a  
22 condition of participating in the ACES Scholar program and  
23 receiving scholarship funds, that the participating students commit  
24 to working in the State of New Jersey for four years after  
25 graduating from the research university.  
26
- 27       5. The New Jersey ACES Program established pursuant to this  
28 act shall be funded equally by three sectors: the State of New  
29 Jersey; the participating public or independent research universities;  
30 and the State's private sector. The State shall fund one-third of the  
31 annual total program costs through appropriations, and the  
32 participating research universities shall fund one-third of the annual  
33 total program costs. The participating research universities shall be  
34 responsible for soliciting and securing the remaining one-third of  
35 program costs from the New Jersey private sector including  
36 corporations and companies representative of the STEM industry.  
37
- 38       6. The Secretary of Higher Education shall adopt rules and  
39 regulations pursuant to the "Administrative Procedure Act,"  
40 P.L.1968, c.410 (C.52:14B-1 et seq.), necessary to effectuate the  
41 purposes of this act.  
42
- 43       7. This act shall take effect immediately.

## STATEMENT

1

2

3 This bill would establish a scholarship program, entitled the New  
4 Jersey “Accessing Careers in Engineering and Science (ACES)  
5 Program,” in order to increase the participation of underrepresented  
6 students in the State’s science, technology, engineering, and  
7 mathematics (STEM) workforce. The Secretary of Higher  
8 Education will select up to six public or independent research  
9 universities in New Jersey to implement the ACES Program, based  
10 on the university’s interest and the availability of funds. The ACES  
11 Program will consist of two components: (1) a residential pre-  
12 college summer program for selected high school students who  
13 attend a partner high school; and (2) an undergraduate ACES  
14 Scholar program. Students who participate in the ACES Program  
15 must be a member of an underserved community or a member of a  
16 group that is underrepresented in the STEM fields.

17 Each participating research university will conduct a one or two-  
18 week immersive, residential program that introduces high school  
19 students to the STEM disciplines with a focus on hands-on learning.  
20 The partner high schools will be selected by the research university,  
21 in consultation with the Secretary of Higher Education, based on  
22 certain criteria including the high school’s population of  
23 underrepresented students, socioeconomic status, the availability of  
24 rigorous STEM coursework, and a supportive school administration.  
25 During each school year, teachers and school counselors at a partner  
26 high school will nominate talented underrepresented students for  
27 participation in the pre-college summer program, and each student  
28 who is selected to attend will receive a tuition-free scholarship.  
29 The residential pre-college summer program will include  
30 engagement with university faculty, staff, and students; counseling  
31 on the college admissions and financial aid processes; introduction  
32 to successful university graduates who work in the STEM fields in  
33 New Jersey; site visits to STEM and technology companies;  
34 customized college visit days during the college admissions  
35 process; and professional development programs for teachers and  
36 school counselors at the partner high schools.

37 Each participating research university will also establish an  
38 undergraduate ACES Scholar program. The ACES Scholar  
39 program will provide talented underrepresented students who have  
40 been accepted for admission to the university and who are  
41 interested in pursuing a degree in a STEM discipline, with generous  
42 scholarship packages and enhanced academic support as they  
43 pursue their baccalaureate degrees. In addition, the students will  
44 have access to mentorship programs, alumni networking  
45 opportunities, and opportunities for co-operative education and  
46 internship programs with New Jersey STEM companies. In  
47 selecting students for participation in the undergraduate ACES  
48 Scholar program, the university may give preference to students

1 who previously participated in the ACES pre-college summer  
2 program. The Secretary of Higher Education may require, as a  
3 condition of participating in the ACES Scholar program and  
4 receiving scholarship funds, that the participating students commit  
5 to working in the State of New Jersey for four years after  
6 graduating from the research university.

7 Under the bill, the ACES Program will be funded equally by  
8 three sectors: the State of New Jersey; the participating public or  
9 independent research universities; and the State's private sector.  
10 The State will fund one-third of the annual total program costs  
11 through appropriations, and the participating research universities  
12 will fund one-third of the annual total program costs. The  
13 participating research universities will be responsible for soliciting  
14 and securing the remaining one-third of program costs from the  
15 New Jersey private sector including corporations and companies  
16 representative of the STEM industry.

17 The New Jersey ACES Program established under the bill is  
18 modeled after a similar ACES program created at Stevens Institute  
19 of Technology, and the bill would provide State support for broader  
20 implementation of such a program.

# ASSEMBLY APPROPRIATIONS COMMITTEE

## STATEMENT TO

[First Reprint]

**ASSEMBLY, No. 5345**

# **STATE OF NEW JERSEY**

DATED: DECEMBER 12, 2019

The Assembly Appropriations Committee reports favorably Assembly Bill No. 5345 (1R).

This bill establishes a scholarship program, entitled the New Jersey “Accessing Careers in Engineering and Science (ACES) Program,” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to seven public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and the availability of funds. The ACES Program will consist of two components: (1) a residential pre-college summer program for selected high school students who attend a partner high school; and (2) an undergraduate ACES Scholar program. Students who participate in the ACES Program must be a member of an underserved community or a member of a group that is underrepresented in the STEM fields.

Each participating research university will conduct a one or two-week immersive, residential program that introduces high school students to the STEM disciplines with a focus on hands-on learning. The partner high schools will be selected by the research university, in consultation with the Secretary of Higher Education, based on certain criteria including the high school’s population of underrepresented students, socioeconomic status, the availability of rigorous STEM coursework, and a supportive school administration. During each school year, teachers and school counselors at a partner high school will nominate talented underrepresented students for participation in the pre-college summer program, and each student who is selected to attend will receive a tuition-free scholarship. The residential pre-college summer program will include engagement with university faculty, staff, and students; counseling on the college admissions and financial aid processes; introduction to successful university graduates who work in the STEM fields in New Jersey; site visits to STEM and technology companies; customized college visit days during the college admissions process; and professional development programs for teachers and school counselors at the partner high schools.

Each participating research university will also establish an undergraduate ACES Scholar program. The ACES Scholar program



will provide talented underrepresented students who have been accepted for admission to the university and who are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees. In addition, the students will have access to mentorship programs, alumni networking opportunities, and opportunities for co-operative education and internship programs with New Jersey STEM companies. In selecting students for participation in the undergraduate ACES Scholar program, the university may give preference to students who previously participated in the ACES pre-college summer program. The Secretary of Higher Education may require, as a condition of participating in the ACES Scholar program and receiving scholarship funds, that the participating students commit to working in the State of New Jersey for four years after graduating from the research university.

Under the bill, the ACES Program will be funded equally by three sectors: the State of New Jersey; the participating public or independent research universities; and the State's private sector. The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector including corporations and companies representative of the STEM industry.

Under the bill, each research university that participates in the ACES Program will annually submit a report on the program to the Secretary of Higher Education.

The New Jersey ACES Program established under the bill is modeled after a similar ACES program created at Stevens Institute of Technology, and the bill would provide State support for broader implementation of such a program.

As reported by the committee, this bill is identical to Senate Bill No. 3685 (2R), as also reported by the committee on this same date.

#### FISCAL IMPACT:

The Office of Legislative Services (OLS) concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the Accessing Careers in Engineering and Science (ACES) Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs.

Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

# ASSEMBLY HIGHER EDUCATION COMMITTEE

## STATEMENT TO

### **ASSEMBLY, No. 5345**

with committee amendments

# **STATE OF NEW JERSEY**

DATED: DECEMBER 5, 2019

The Assembly Higher Education Committee reports favorably Assembly Bill No. 5345 with committee amendments.

As amended, this bill establishes a scholarship program, entitled the New Jersey “Accessing Careers in Engineering and Science (ACES) Program,” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to seven public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and the availability of funds. The ACES Program will consist of two components: (1) a residential pre-college summer program for selected high school students who attend a partner high school; and (2) an undergraduate ACES Scholar program. Students who participate in the ACES Program must be a member of an underserved community or a member of a group that is underrepresented in the STEM fields.

Each participating research university will conduct a one or two-week immersive, residential program that introduces high school students to the STEM disciplines with a focus on hands-on learning. The partner high schools will be selected by the research university, in consultation with the Secretary of Higher Education, based on certain criteria including the high school’s population of underrepresented students, socioeconomic status, the availability of rigorous STEM coursework, and a supportive school administration. During each school year, teachers and school counselors at a partner high school will nominate talented underrepresented students for participation in the pre-college summer program, and each student who is selected to attend will receive a tuition-free scholarship. The residential pre-college summer program will include engagement with university faculty, staff, and students; counseling on the college admissions and financial aid processes; introduction to successful university graduates who work in the STEM fields in New Jersey; site visits to STEM and technology companies; customized college visit days during the college admissions process; and professional development programs for teachers and school counselors at the partner high schools.

Each participating research university will also establish an undergraduate ACES Scholar program. The ACES Scholar program will provide talented underrepresented students who have been accepted for admission to the university and who are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees. In addition, the students will have access to mentorship programs, alumni networking opportunities, and opportunities for co-operative education and internship programs with New Jersey STEM companies. In selecting students for participation in the undergraduate ACES Scholar program, the university may give preference to students who previously participated in the ACES pre-college summer program. The Secretary of Higher Education may require, as a condition of participating in the ACES Scholar program and receiving scholarship funds, that the participating students commit to working in the State of New Jersey for four years after graduating from the research university.

Under the bill, the ACES Program will be funded equally by three sectors: the State of New Jersey; the participating public or independent research universities; and the State's private sector. The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector including corporations and companies representative of the STEM industry.

Under the bill, each research university that participates in the ACES Program will annually submit a report on the program to the Secretary of Higher Education.

The New Jersey ACES Program established under the bill is modeled after a similar ACES program created at Stevens Institute of Technology, and the bill would provide State support for broader implementation of such a program.

As amended and reported by the committee, this bill is identical to Senate Bill No. 3685 (1R), which also was amended and reported by the committee on this same date.

#### COMMITTEE AMENDMENTS:

The committee amended the bill to:

- (1) include Princeton University as one of the qualifying research universities for the ACES Program; and
- (2) establish an annual reporting requirement for each participating research university on the ACES Program and specify the information to be included in the report.

# LEGISLATIVE FISCAL ESTIMATE

[First Reprint]

## ASSEMBLY, No. 5345

### STATE OF NEW JERSEY 218th LEGISLATURE

DATED: DECEMBER 16, 2019

#### SUMMARY

- Synopsis:** Establishes program to increase participation of underrepresented students in New Jersey’s science and engineering workforce.
- Type of Impact:** Annual State Expenditure Increase, General Fund.
- Agencies Affected:** Office of the Secretary of Higher Education and Certain Research Universities.

#### Office of Legislative Services Estimate

<b>Fiscal Impact</b>	<b><u>Annual</u></b>
<b>State Cost</b>	Indeterminate Increase
<b>Research Universities Cost</b>	Indeterminate Increase

- The Office of Legislative Services (OLS) concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the Accessing Careers in Engineering and Science (ACES) Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs.
- Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

#### BILL DESCRIPTION

This bill would establish the New Jersey “Accessing Careers in Engineering and Science (ACES) Program” in order to increase the participation of underrepresented students in the State’s science, technology, engineering, and mathematics (STEM) workforce. The Secretary of Higher Education will select up to seven public or independent research universities in New Jersey to implement the ACES Program, based on the university’s interest and availability of funds. The

public or independent research universities specified under the bill are Rutgers, The State University of New Jersey, Rowan University, the New Jersey Institute of Technology, Montclair State University, Stevens Institute of Technology, Princeton University, and Seton Hall University. The ACES Program at each participating university will consist of two components: 1) a one or two-week immersive, residential program for selected high school students who attend a partner high school and 2) an ACES Scholar program, which will provide talented underrepresented students who have been accepted for admission to the university and are interested in pursuing a degree in a STEM discipline, with generous scholarship packages and enhanced academic support as they pursue their baccalaureate degrees.

The State will fund one-third of the annual total program costs through appropriations, and the participating research universities will fund one-third of the annual total program costs. The participating research universities will be responsible for soliciting and securing the remaining one-third of program costs from the New Jersey private sector, including corporations and companies representative of the STEM industry.

Under the bill, each research university that participates in the ACES Program will annually submit a report on the program to the Secretary of Higher Education.

## **FISCAL ANALYSIS**

### ***EXECUTIVE BRANCH***

None received.

### ***OFFICE OF LEGISLATIVE SERVICES***

The OLS concludes that this bill will lead to an indeterminate increase in costs to the State in order to annually provide one-third of the total program costs for the ACES Program. Participating public and independent research universities are required to fund another one-third of the annual total program costs, and those universities are responsible for soliciting and securing the final one-third of program costs from the private sector.

Total ACES program costs at each participating institution, and therefore the State share of those costs, will be determined by future decisions of the Secretary of Higher Education and those institutions. The results of those decisions are not subject to forecast by the OLS.

*Section: Education*

*Analyst: Christopher Myles  
Assistant Fiscal Analyst*

*Approved: Frank W. Haines III  
Legislative Budget and Finance Officer*

This legislative fiscal estimate has been produced by the Office of Legislative Services due to the failure of the Executive Branch to respond to our request for a fiscal note.

This fiscal estimate has been prepared pursuant to P.L.1980, c.67 (C.52:13B-6 et seq.).

# Governor Murphy Takes Action on Legislation

01/21/2020

**TRENTON** – Today, Governor Phil Murphy signed the following bills into law:

**S-62/A-2478 (Singleton, Oroho/DeAngelo, Houghtaling, Space)** – Requires certain contractors to register under "The Public Works Contractor Registration Act"

**S-358/A-4587 (Rice/Sumter, Reynolds-Jackson)** – Establishes database with certain information about individuals elected to public office in this State

**S-376/A-3839 (Madden, Gopal/Moriarty, Lagana, Mukherji, Murphy)** – Eliminates eligibility time limit on tuition benefits for spouses of certain public safety workers killed in performance of their duties

**S-497/A-4626 (Vitale, Madden/Mosquera, McKnight, Vainieri Huttle)** – Allows certain prior statements by children to be admitted into evidence in child abuse and termination of parental rights cases

**S-498/ACS for A-3391 (Vitale, Oroho/DeCroce, Johnson, DiMaso)** – Makes various changes to "Criminal Injuries Compensation Act of 1971"

**S-521/A-4378 (T. Kean, C.A. Brown, Pou, Ruiz/Caputo, Mukherji, Vainieri Huttle)** – Requires NJ State Council on Arts to establish "Artist District" designation and select certain municipalities or areas within municipalities for such designation

**S-589/ACS for A-422 (Weinberg/Mosquera, Jones, Moriarty)** – Requires Secretary of State to establish secure Internet website for online voter registration; authorizes use of digitized signatures from New Jersey Motor Vehicle Commission's database

**S-700/A-3836 (Ruiz, Cunningham/Schaer, Mukherji, Jasey)** – "Higher Education Citizenship Equality Act"; defines domicile for dependent students for purpose of eligibility for State student grants and scholarships, and resident tuition rate

**S-721/A-1751 (Greenstein, Cunningham, Diegnan/Quijano, Benson)** – Authorizes use of certain electric school buses

**S-758/A-1987 (Cunningham, Cruz-Perez/Sumter, Mukherji, Quijano)** – Requires incarcerated individual from State to be counted at residential address for legislative redistricting purposes

**S-765/A-541 (Cunningham, T. Kean, Ruiz/Mazzeo, Jasey, Vainieri Huttle, Sumter, Benson)** – Prohibits Higher Education Student Assistance Authority from referring defaulted loans under New Jersey College Loans to Assist State Students (NJCLASS) Loan Program for certain actions if authority and borrower have entered into settlement agreement

**S-782/A-1110 (Sarlo, Scutari/Downey, Houghtaling, Dancer)** – Increases workers' compensation for loss of hand or foot

**S-834 wGR/A-4186 (Scutari, Greenstein/Jones, Pintor Marin)** – Prohibits resale of non-prescription diabetes test devices by pharmacists

**S-939/A-3331 (Pou/Vainieri Huttle, Lopez, McKnight)** – Requires forms and materials for individuals with developmental disabilities to be available in languages other than English

**S-974/A-3040 (Singleton, T. Kean/Vainieri Huttle, Timberlake, Mosquera)** – Requires newborn infants be screened for spinal muscular atrophy

- S-1032/A-2389 (Vitale, Gopal/Schaer, Benson, Verrelli)** – Concerns expansion of services provided by DHS mental health screening services
- S-1146/A-2365 (Codey, Rice/Vainieri Huttle, Mukherji, Downey)** – Requires hospital patient's medical record to include notation if patient is at increased risk of confusion, agitation, behavioral problems, and wandering due to dementia related disorder
- S-1298/ACS for A-2972 (A.M. Bucco, Singleton/Mazzeo, Dunn, Space)** – Permits municipalities to provide information on property tax bills concerning amount of local tax dollars saved through shared services
- S-1318/A-3156 (Ruiz, Scutari/Lampitt, Mosquera)** – Permits counties and non-governmental, community-based agencies to establish family justice centers which provide coordinated, multi-agency governmental and non-governmental assistance to victims of certain crimes and offenses, including domestic violence, and their family members
- S-1505/A-1707 (Vitale/Vainieri Huttle, Lampitt, Benson, Mosquera)** – Expands membership of NJ Task Force on Child Abuse and Neglect
- S-1647/A-3181 (Diegnan, Codey/Conaway, Vainieri Huttle, Benson, Murphy)** – Prohibits use of coupons, price rebates, and price reduction promotions in sales of tobacco and vapor products
- S-1683/A-4267 (Smith, Greenstein/McKeon, Space, Wirths)** – Concerns regulation of solid waste, hazardous waste, and soil and fill recycling industries
- S-1703/A-715 (Connors, Holzapfel/Gove, Rumpf, DiMaso)** – Exempts disabled veterans from beach buggy permit fees
- S-1791/A-3414 (Weinberg/Johnson, Vainieri Huttle, Houghtaling)** – Requires employers to disclose certain wage information to employees
- S-1796/A-4693 (Addiego, Sweeney/Murphy)** – Permits school district of residence to provide aid in-lieu-of transportation to pupil attending Marine Academy of Science and Technology provided certain conditions are met
- S-1832/A-211 (Ruiz, Sarlo/Chiaravalloti, Zwicker, Pintor Marin)** – Establishes loan redemption program and tuition reimbursement program for certain teachers of science, technology, engineering, and mathematics
- S-2267/A-3616 (Sweeney, Corrado/Burzichelli, Holley, Calabrese)** – Gives State lottery winners option of remaining anonymous indefinitely
- S-2303/A-4843 (Sweeney, Ruiz, Cunningham/Wimberly, Karabinchak, Calabrese)** – Requires establishment of Work and Learn Consortiums by certain educational institutions to establish certificate and degree programs identified in high labor-demand industries
- S-2389 wGR/A-5449 (Singleton/Quijano, Downey, Houghtaling, Moriarty)** – Requires New Jersey State Board of Pharmacy to establish prescription drug pricing disclosure website and certain pharmaceutical manufacturing companies to provide prescription drug price information
- S-2428/A-4965 (Scutari/Quijano, Vainieri Huttle)** – Requires that massage and bodywork therapists and employers carry professional liability insurance
- S-2469/A-3745 (Singleton, Oroho/Wirths, Mazzeo, Space)** – Prohibits person from contracting for public work if person is federally debarred from receiving federal contract
- S-2511/A-4020 (Madden/Mazzeo, Murphy, Johnson)** – Changes title of DEP "conservation officer" to "conservation police officer"
- S-2521/A-4087 (Cryan, Greenstein/Vainieri Huttle, Lopez, Timberlake)** – Requires reporting of inmate abuse by employees of State correctional facilities and establishes reporting and investigation program
- S-2522/A-4090 (Cryan, Greenstein/Vainieri Huttle, Lopez, Timberlake)** – Limits cross gender strip searches in

## State correctional facilities

**S-2532/A-4086 (Greenstein, Cruz-Perez/Vainieri Huttle, Lopez, Timberlake)** – Requires correctional police officers receive 20 hours in-service training, including four hours in prevention of sexual misconduct, non-fraternization, and manipulation

**S-2555/A-3990 (Gopal, Ruiz/Mukherji, Benson, Karabinchak)** – Allows dependent students whose parents or guardians hold H-1B visas to qualify for in-State tuition at public institutions of higher education provided they meet certain criteria

**S-2564/A-3519 (Turner, Singleton/Benson, McKnight, Jasey)** – Establishes "Restorative Justice in Education Pilot Program" in Department of Education

**SCS for S-2599/ACS for A-1268 (Bateman, Beach/Tucker, Conaway, Lampitt, Quijano)** – Authorizes veterans' property tax exemption and veterans' property tax deduction for honorably discharged veterans of United States Armed Forces who did not serve in time of war or other emergency

**S-2826/A-3274 (Greenstein/Vainieri Huttle, Dancer, Benson)** – Requires institutions of higher education to offer cats and dogs no longer used for educational, research, or scientific purposes for adoption; designated the "Homes for Animal Heroes Act"

**S-2849/A-4590 (A.M. Bucco/DiMaio, Caputo, Dunn)** – Designates Seeing Eye® dog as State Dog

**S-3036/A-1697 (Lagana, Scutari/Dancer, Downey)** – Prohibits medical providers from reporting certain workers' compensation medical charges to collection and credit reporting agencies

**S-3061/A-4603 (Ruiz, Greenstein/Lampitt, Mukherji, Benson)** – Provides corporation business tax and gross income tax credits for businesses that participate in DOL registered apprenticeship programs; establishes grant program for tax-exempt organizations participating in DOL registered apprenticeship programs

**S-3065/A-4657 (Ruiz, Singleton/Armato, Benson, Timberlake)** – Establishes youth apprenticeship pilot program in Department of Education

**S-3067/A-4602 (Ruiz, Singleton/Lampitt, Reynolds-Jackson, Sumter)** – Establishes five year Apprentice Assistance and Support Services Pilot Program

**S-3116/A-4683 (Ruiz/Speight, Munoz, Tucker)** – Requires certain medical facilities to undertake end-of-life planning and training

**S-3117/A-4685 (Ruiz/Speight, Pinkin, Munoz)** – Requires emergency departments to take certain measures concerning palliative care for patients

**S-3126/A-4107 (Gopal/Benson, DeCroce, Chiaravalloti)** – Requires drivers to stop at railroad crossing when on-track equipment is approaching railroad crossing

**S-3170/A-5145 (Cryan, Pou/Quijano, Milam, Land)** – Increases prenotification time and requires severance pay in certain plant closings, transfers, and mass layoffs

**S-3227/A-5261 (Gopal/Tully, Pinkin, Swain)** – Requires restaurants to post signs advising customers to notify servers of food allergies; requires restaurant managers to complete food allergen training

**S-3265/A-3178 (Turner, Codey, Vitale/Conaway, Murphy, Vainieri Huttle)** – Prohibits sale or distribution of flavored vapor products

[Copy of Statement](#)

**S-3330 wGR/A-5066 (Addiego, Singleton/Jones, Vainieri Huttle, Lampitt, Murphy)** – Establishes pilot program in DCF to study impact of child care services provided by community providers operating in public school facilities; requires community providers to meet certain criteria

**S-3422/A-6056 (Singer, T. Kean/Houghtaling, Downey, Vainieri Huttle)** – Requires declaration of Code Blue



alert when National Weather Service predicts temperatures of 32 degrees Fahrenheit or lower

**S-3468/A-5105 (Sweeney, Singleton/Murphy, Karabinchak, Vainieri Huttle)** – Establishes Task Force on Maximizing Employment for People with Disabilities

**S-3511/A-5298 (Singer, T. Kean/Mukherji, Vainieri Huttle, Downey)** – Authorizes certain health care and social service resources to be made available during Code Blue alert

**S-3581/A-5963 (Singleton/Lopez, Quijano)** – Prohibits certain business financing contracts that contain judgment by confession provisions

**S-3685/A-5345 (Sarlo, Singleton/Mukherji, Conaway, McKnight)** – Establishes program to increase participation of underrepresented students in New Jersey's science and engineering workforce

**S-3756/A-6115 (Ruiz, Sarlo, O'Scanlon/Jasey, Jones, Wirths)** – Requires limited purpose regional school districts to coordinate with constituent districts regarding school calendar and curriculum

**S-3763/A-6116 (Addiego, Bateman, Sarlo/DeAngelo, Dancer, Space)** – Renames joint meetings as regional service agencies; grandfathers existing joint meetings

**S-3869/A-5561 (Sarlo/Burzichelli, Houghtaling)** – Prohibits local governments from imposing fines on alarm companies in certain circumstances

**S-3871/A-5427 (Bateman, Scutari/DePhillips, McKeon)** – Adds member from Retired Judges Association of New Jersey to State Investment Council

**SCS for S-3878/ACS for A-5394 (Ruiz, Weinberg, Cunningham/Moriarty, McKnight, Pinkin)** – Reaffirms and clarifies that Attorney General and Division on Civil Rights may initiate actions in Superior Court to enforce "Law Against Discrimination"

**S-3920 wGR/A-5552 (Pou/Wimberly, Sumter)** – Concerns provision of energy to certain manufacturing facilities by providing exemptions to certain energy related taxes

**S-3923/A-5680 (Madden, Singleton/Giblin, Timberlake, Murphy)** – Concerns labor harmony agreements for hospitality projects

**SCS for S-3939 and 3944/ACS for A-5681 and 5682 (Smith, Greenstein, Bateman, Codey/Pinkin, Lopez, McKeon)** – Establishes Recycling Market Development Council

**S-3985/A-5663 (Smith/McKeon, Pinkin, Vainieri Huttle)** – Amends "Electric Discount and Energy Competition Act" to add definition of "open access offshore wind transmission facility" and revises law concerning "qualified offshore wind projects"

**S-4025/A-5695 (Pou/Wimberly, Sumter)** – Makes FY 2020 language allocation of \$1,000,000 appropriated to Grants for Urban Parks to Hinchliffe Stadium in Paterson

**S-4162/A-6014 (Smith, Greenstein/Vainieri Huttle, Pinkin, Houghtaling)** – Establishes NJ Climate Change Resource Center at Rutgers University; appropriates up to \$500,000

**S-4165/A-4364 (Rice/Giblin, Caputo, Tucker)** – Expands University Hospital board of directors membership from 11 to 13 members

**S-4188/A-6075 (Beach/Murphy, Dancer, Lampitt)** – "Lindsay's Law"; provides tax benefits to organ and bone marrow donors and their employers, and provides paid time off to donors who are State or local government employees

**S-4200/A-5855 (Ruiz, Turner/Coughlin, Lampitt, Holley)** – Requires State to pay difference between federal allocation and total cost of reduced price breakfast or lunch; appropriates \$4.5 million

**S-4247/A-6049 (Gopal, O'Scanlon/Conaway, Houghtaling, Downey)** – Establishes criteria for distribution of Fiscal Year 2020 funding to Community Food Bank of New Jersey and partner organizations

**S-4264/A-5962 (Pou/Wimberly, Sumter, Calabrese)** – Designates State Highway Route 19 as "William J. Pascrell Jr. Highway"

**S-4275/A-6088 (Smith, Greenstein/Burzichelli)** – Allows BPU to increase cost to customers of Class I renewable energy requirement for energy years 2022 through 2024, under certain conditions

**S-4276/A-6109 (Corrado, Bateman/Armato, Calabrese, Land)** – Appropriates \$32,153,936 to State Agriculture Development Committee, and amends 2017 appropriations for stewardship activities, for farmland preservation purposes

**S-4277/A-6112 (Greenstein, Bateman/Freiman, Danielsen, Downey)** – Appropriates \$5,000,000 from constitutionally dedicated CBT revenues to State Agriculture Development Committee for municipal planning incentive grants for farmland preservation purposes

**S-4278/A-6108 (Greenstein, Bateman/Taliaferro, Karabinchak, Kennedy)** – Appropriates \$21 million from constitutionally dedicated CBT revenues to State Agriculture Development Committee for county planning incentive grants for farmland preservation purposes

**S-4279/A-6106 (Smith, Bateman/Houghtaling, Reynolds-Jackson, Pinkin)** – Appropriates \$1,350,000 from constitutionally dedicated CBT revenues to State Agriculture Development Committee for grants to certain nonprofit organizations for farmland preservation purposes

**S-4286/A-5890 (Vitale/Swain, Jones)** – Clarifies procedures concerning collection of child support on behalf of child over age 19 when court has ordered such support

**S-4309/A-6107 (Turner, Cruz-Perez/Mejia, Vainieri Huttie, Zwicker)** – Appropriates \$13,902,723 from constitutionally dedicated CBT revenues to NJ Historic Trust for grants for certain historic preservation projects and associated administrative expenses

**S-4310/A-6114 (Codey, Bateman/Carter, Murphy, Lopez)** – Appropriates \$8,872,682 to DEP from constitutionally dedicated CBT revenues for grants to certain nonprofit entities to acquire or develop lands for recreation and conservation purposes

**S-4311/A-6113 (Greenstein, Bateman/Speight, Mukherji, Verrelli)** – Appropriates \$77,450,448 from constitutionally dedicated CBT revenues and various Green Acres funds to DEP for local government open space acquisition and park development projects

**S-4312/A-6111 (Smith, Bateman/Giblin, Mazzeo, Land)** – Appropriates \$36.143 million from constitutionally dedicated CBT revenues for recreation and conservation purposes to DEP for State capital and park development projects

**S-4313/A-6110 (Corrado, Bateman/Moriarty, McKeon, Swain)** – Appropriates \$33.915 million from constitutionally dedicated CBT revenues to DEP for State acquisition of lands for recreation and conservation purposes, including Blue Acres projects

**SCS for S-4315/ACS for A-6063 (Beach, Turner/Jones, Zwicker)** – Creates fund to reimburse local units of government for cost of certain mail-in ballot procedures; appropriates \$3,000,000

**SJR-51/AJR-189 (Rice, Turner/Verrelli, Reynolds-Jackson, Sumter)** – Establishes the "New Jersey State Commission on Urban Violence"

**SJR-65/AJR-90 (Weinberg, Addiego/DiMaso, Vainieri Huttie, Schepisi)** – Designates March 19th "Women in Public Office Day" in New Jersey

**SJR-80/AJR-121 (Lagana, Weinberg/Jones, Benson, Chiaravalloti, DeCroce)** – Urges federal government to adhere to commitment to improve Northeast Corridor rail infrastructure by providing funding to complete Gateway Program

**SJR-125/AJR-169 (Gopal, Codey/Wolfe, Pinkin)** – Designates the second week of October of each year as "Obesity Care Week" in NJ

- A-344/S-1575 (Murphy, McKeon, Timberlake/Cruz-Perez, Singleton)** – Revises certain aspects of the New Jersey Individual Development Account Program
- A-1040/S-3928 (Houghtaling, Taliaferro/Andrzejczak)** – Establishes NJ "Landowner of the Year" award program
- A-1146/S-4330 (Wimberly, Holley/Pou, Singleton)** – Establishes "New Jersey Investing in You Promise Neighborhood Commission"
- A-1277/S-2629 (Tucker, Holley, Lopez/Singleton, Gopal)** – Requires hospitals and homeless shelters to provide information on services and resources to individuals who are homeless or military veterans
- A-1449/S-3168 (Benson, DeAngelo/Greenstein, Turner)** – Provides job security to certain organ and bone marrow donors
- A-1477/S-3228 (Chaparro, Vainieri Huttle, Benson, Jimenez, Mukherji, Downey/Gopal, Scutari)** – Establishes Statewide Hit and Run Advisory Program to facilitate apprehension of persons fleeing motor vehicle accident scene; designated as "Zackhary's Law"
- A-1478/S-1648 (Chaparro, Vainieri Huttle/Diegnan, T. Kean)** – Revises law governing theater liquor licenses
- A-1604/S-2734 (Conaway, Murphy, Jimenez/Singleton)** – "Recreational Therapists Licensing Act"
- A-1796/S-2609 (McKeon, Downey/Lagana, Gopal)** – Prevents criminal defendant from asserting "gay and transgender panic" defense to murder charge in order to reduce charge to manslaughter committed in heat of passion
- A-1924/S-2930 (Mukherji, A.M. Bucco, DeAngelo, DeCroce/Beach)** – Exempts certain honorably discharged United States military veterans from initial insurance producer licensing fee
- A-1992/S-1780 (Sumter, Benson, Vainieri Huttle, Houghtaling, Wimberly/Diegnan, Turner)** – "New Jersey Call Center Jobs Act"
- A-2183/S-1687 (Land, Johnson/Cruz-Perez, Andrzejczak)** – "Music Therapist Licensing Act"
- ACS for A-2431 wGR/SCS for S-1865 (Benson, Jimenez, DeCroce/Weinberg, T. Kean)** – Requires health insurers to provide plans that limit patient cost-sharing concerning certain prescription drug coverage
- ACS for A-2444 and S-2656/S-2081 (Benson, Lampitt, Pinkin, Mukherji/Turner, Singleton)** – Provides for coverage of comprehensive tobacco cessation benefits in Medicaid
- A-2767/S-2924 (Greenwald, Mosquera, McKnight/Greenstein, Singleton)** – Amends certain provisions of sexual assault statute to clarify elements necessary for conviction
- A-3312/S-1972 (Murphy, Lagana, Downey, Sumter/Gopal, Corrado)** – Requires Legislature to adopt and distribute policy prohibiting sexual harassment; requires members, officers, and employees of Legislature to complete online training on policy once every two years
- A-3670/S-995 (Benson, Giblin, Murphy/Vitale, Weinberg)** – Provides for designation of acute stroke ready hospitals, establishes Stroke Care Advisory Panel and Statewide stroke database, and requires development of emergency medical services stroke care protocols
- ACS for A-4136/SCS for S-2675 (Land, Milam/Andrzejczak, Van Drew)** – Establishes Possession In Excess of Daily Limit Vessel License for black sea bass and summer flounder; dedicates fees therefrom to marine fisheries programs
- A-4147/S-2744 (Lampitt, Houghtaling, Zwicker/Ruiz, Corrado)** – Requires school districts and nonpublic schools to conduct audit of security features of buildings, grounds, and communication systems and to submit audit to NJ Office of Homeland Security and Preparedness and DOE

- A-4150/S-2742 (Lampitt, Jones, Timberlake/Ruiz, Corrado)** – Requires meeting between student and appropriate school personnel after multiple suspensions or proposed expulsion from public school to identify behavior or health difficulties
- A-4151/S-2745 (Swain, Tully, Jasey/Ruiz, Corrado)** – Requires school security training for persons employed by public and nonpublic schools in substitute capacity and for employees and volunteers of youth programs operated in school buildings
- A-4260/S-4335 (Timberlake, Giblin, Tucker, Caputo/Pou, Scutari)** – Prohibits sale of certain toy guns and imitation firearms
- A-4370/S-2919 (Carroll/A.M. Bucco)** – Increases membership of board of trustees of Washington Association of New Jersey
- A-4377/S-2934 (Benson, Land, DeCroce/Greenstein)** – Requires DOT and OIT to develop materials concerning capabilities of airports in NJ and establishes "Public Use Airports Task Force"
- A-4517/S-4341 (Wimberly, Speight, Reynolds-Jackson/Singleton, Cunningham)** – Establishes "New Jersey Eviction Crisis Task Force"
- A-4529/S-3191 (Mazzeo, Armato/Gopal, Andrezejczak)** – Concerns reimbursements to Superstorm Sandy-impacted homeowners subjected to contractor fraud
- A-4563/S-3096 (Zwicker, Benson/Greenstein, Gill)** – Prohibits use of bots to deceive person about origin and content of communication for certain commercial or election purposes
- A-4564/S-3087 (Zwicker, Freiman/Greenstein)** – Establishes "Voting Precinct Transparency Act;" requires filing of election district, county district, and municipal ward boundary data with Secretary of State for posting and download on official website with matching election results data
- A-4699/S-2938 (Moriarty, Burzichelli, Bramnick/Turner)** – Regulates annual report filing services
- A-4803/S-4211 (Greenwald, Johnson, Pintor Marin/Cryan, Vitale)** – Authorizes certain entities to directly bill Victims of Crime Compensation Office for counseling services provided to victims of firearm and stabbing crimes
- A-4822/S-3408 (Wimberly, Tully, Swain/Singleton, Greenstein)** – Permits municipalities to lease vacant municipal land for tiny home occupancy; directs DCA to enhance regulatory guidance on acceptable tiny home construction and use
- A-4904 wGR/S-3347 (Mukherji, Quijano, Mazzeo/Cryan, Sweeney)** – Concerns property taxes due and owing on real property owned by certain federal employees or contractors under certain circumstances
- A-4954/S-3368 (Quijano, Murphy, Carter/Singleton, Greenstein)** – Revises requirements for provision of counseling and support services to emergency services personnel
- ACS for A-4972/SCS for S-1490 (Moriarty/Beach, Scutari)** – Establishes certain consumer protections related to arbitration organizations
- A-4978 wGR/S-3498 (Timberlake, Zwicker, Vainieri Huttle/Greenstein, Cryan)** – Prohibits online education services from using and disclosing certain information, engaging in targeted advertising, and requires deletion of certain information in certain circumstances
- A-5023/S-3467 (McKnight, Mukherji, Chaparro, Chiaravalloti/Cunningham)** – Exempts from DOT permitting requirements certain signs not located in protected areas that have been approved by municipality
- A-5028/S-3523 (Mukherji, Conaway, Pintor Marin/Vitale, Diegnan)** – Establishes "James Nicholas Rentas's Law," revises "New Jersey SmokeFree Air Act"
- A-5029/S-3522 (Sumter, Reynolds-Jackson, Johnson/Rice, T. Kean)** – Requires New Jersey Office on Minority and Multicultural Health to study racial disparities on sexual and reproductive health of African-American women

**A-5031/S-3455 (Speight, McKnight, Timberlake/Ruiz)** – Requires hospital emergency departments to ask person of childbearing age about recent pregnancy history

**A-5314/S-3692 (Zwicker, Milam, Mazzeo/Cryan, Ruiz)** – Requires DHS to study social isolation occurring in certain population groups

**A-5344/S-3833 (Mukherji, Vainieri Huttel, Milam/Gopal, Corrado)** – Establishes uniform standard for acceptable proof of veteran status for veteran's ID cards and various State and local programs

**A-5388/S-3895 (Speight, Pintor Marin, Greenwald/Greenstein, Ruiz)** – Requires specialized in-service training regarding crime victims for police departments in certain high-crime areas

**A-5389/S-3896 (Speight, Pintor Marin, Greenwald/Greenstein, Ruiz)** – Requires training or experience in crime victims' rights for certain members of Victims of Crime Compensation Review Board

**A-5432/S-3796 (Milam, Land/Andrzejczak)** – Requires DEP Commissioner to establish individual transferable quota system for menhaden purse seine fishery

**A-5445/S-3909 (Swain, Tully, Spearman/T. Kean, Corrado)** – Requires AG to establish program to detect fentanyl in State's illegal drug supply and make information related to presence of fentanyl available in database accessible by law enforcement

**A-5511/S-1852 (Spearman, Jones, Reynolds-Jackson/Turner, Cruz-Perez)** – Revises certain penalties for illegal operation of snowmobile, all-terrain vehicle, or dirt bike

**A-5580/S-3842 (Johnson, Moriarty, Greenwald/Weinberg, Sarlo)** – Extends availability period for tax credits for certain expenses incurred for production of certain film and digital media content, raises annual cap related to film production, and provides for annual administration of film tax credits

**A-5583/S-3919 (Pinkin, Lopez, Mukherji/Smith, Bateman)** – Prohibits sale, lease, rent, or installation of certain equipment or products containing hydrofluorocarbons or other greenhouse gases

**A-5630/S-3981 (Pintor Marin, Munoz, Reynolds-Jackson/Weinberg, Corrado)** – Requires Civil Service Commission to establish and maintain hotline for State employees to submit reports of workplace discrimination and harassment

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**A-5667/S-3933 (Mukherji, Vainieri Huttel, Armato, DeCroce, Karabinchak/Singer, Scutari)** – "Charlie's Law"; requires pharmacy practice sites and hospice programs to furnish patients with information and means to safely dispose of unused prescription drugs and medications

**A-5801/S-4064 (Coughlin, Houghtaling, Verrelli/Singleton, Sweeney)** – Concerns responsibility of contractors for wage claims against subcontractors

**A-5817/S-4263 (Mazzeo, Armato/Cunningham, Sweeney, C.A. Brown)** – Allows certain persons to qualify for casino key employee license and casino employee registration

**A-5916/S-4255 (Chiaravalloti, McKnight, Karabinchak/Cunningham, Weinberg)** – Authorizes DOH to notify elected officials of financial distress of certain hospitals

**A-5918/SCS for S-3741 and 4253 (Chiaravalloti, McKnight/Weinberg, Cunningham, Vitale)** – Expands hospital reporting requirements

**A-5970/S-4201 (Lopez, Speight, Chaparro/Codey)** – Amends list of environmental infrastructure projects approved for long-term funding for FY2020 to include new projects, remove certain projects, and modify estimated loan amounts for certain projects

**A-5971/S-4202 (Mukherji, Pintor Marin, Spearman/Bateman, Corrado)** – Authorizes NJ Infrastructure Bank to expend additional sums to make loans for environmental infrastructure projects for FY2020

**A-5972/S-4203 (Pinkin, Benson, Zwicker/Greenstein, Singleton)** – Makes changes to New Jersey Infrastructure Bank's enabling act

**A-5977/S-4282 (Greenwald, Downey, Vainieri Huttie/Vitale, Singleton)** – Provides for establishment of Regional Health Hub Program as replacement to Accountable Care Organization Demonstration Project, and designates existing accountable care organizations and look-alike organizations as Regional Health Hubs

**A-6119/S-4336 (Egan, Houghtaling/Madden)** – Revises "The Public Works Contractor Registration Act" and amends definition of registered apprenticeship program

**AJR-35/SJR-159 (McKnight, Chaparro, Chiaravalloti, DeCroce/Cunningham, Greenstein)** – Designates third full week in March as "Domestic Violence Services Awareness Week" to bring awareness of services available to domestic violence victims

**AJR-103/SJR-70 (Rooney, DePhillips, Murphy/Corrado)** – Permanently designates January as "NUT Carcinoma Awareness Month" in New Jersey

**AJR-118/SJR-157 (McKnight, Timberlake, McKeon/Pou, Madden)** – Designates April of each year as "Financial Literacy Month" in New Jersey

**AJR-180/SJR-112 (DeAngelo, McKnight, Murphy/Singleton, Corrado)** – Designates February in each year as "Career and Technical Education Month" in New Jersey

**Governor Murphy declined to sign the following bills, meaning they expire without becoming law:**

**S-691/A-657 (Ruiz, Pou/Jasey, Caputo, Pintor Marin, Sumter, Wimberly)** – Requires that if a school district satisfies 80% or more of the required NJ Quality Single Accountability Continuum standards in an area of district effectiveness under State intervention, the State must return that area to local control

**S-1083/A-544 (Cruz-Perez, Gopal/Mazzeo, Houghtaling, Holley, Dancer)** – Establishes loan program and provides corporation business tax and gross income tax credits for establishment of new vineyards and wineries

**S-2421/A-1030 (Smith, Bateman/Johnson, Kennedy, Benson, DeAngelo)** – Concerns installation of electric vehicle charging stations in common interest communities

**S-2425/A-3851 (Singleton, Andrzejczak/Conaway)** – Revises law relating to common interest communities

**S-2429/A-4028 (Scutari, Pou/Bramnick, Downey)** – Requires automobile insurers to disclose policy limits upon request by an attorney under certain circumstances

**S-2835/A-3926 (Singleton, Ruiz/Conaway, Lampitt, Murphy)** – Requires public schools to administer written screenings for depression for students in certain grades

**S-2897/A-1433 (Madden, Singer/Benson, Wimberly, Carter)** – Requires DCA to establish procedures for inspection and abatement of mold hazards in residential buildings and school facilities, and certification programs for mold inspectors and mold hazard abatement workers

**S-2957/A-4712 (Stack/Mukherji, Chaparro)** – Establishes five-year moratorium on conversions of certain residential rental premises in qualified counties

**S-2958/A-4535 (Sarlo, Oroho/Zwicker, DePhillips, DeCroce)** – Establishes the "Energy Infrastructure Public-Private Partnership Act"

**S-3062/A-2049 (Ruiz, Greenstein/Howarth, Benson, Murphy)** – Provides corporation business tax and gross income tax credits for businesses that employ apprentices in DOL registered apprenticeships

**S-3063/A-4655 (Ruiz/Armato, Vainieri Huttie, DeAngelo)** – Provides tuition fee waiver apprenticeship courses

**S-3137/A-1308 (Sweeney, Oroho, Singleton/Greenwald, Milam, Land)** – The "Electronic Construction Procurement Act"

**S-3252/A-4713 (Greenstein, Stack/DeAngelo, Quijano)** – "New Townhouse Fire Safety Act"; requires automatic fire sprinkler systems in new townhomes

**S-3263/A-4837 (T. Kean, Diegnan/Vainieri Huttle, Chiaravalloti, McKnight)** – Revises and updates membership and purpose of Advisory Council on the Deaf and Hard of Hearing in DHS

**S-3270/A-5095 (Pou/McKeon, Freiman, DeCroce)** – Establishes certain requirements for stop loss insurance offered to small employers

**S-3393/ACS for A-5384 and 5157 (Sarlo, Addiego/Mazzeo, Murphy, Houghtaling, Calabrese, Armato, Dancer)** – Allows certain preserved farms to hold 14 special occasion events per year; imposes further event restrictions on residentially-exposed preserved farms

**S-3770/A-6118 (Sarlo, Oroho, Sweeney/Greenwald, Jones)** – Establishes "New Jersey Economic and Fiscal Policy Review Commission" to provide ongoing review of State and local tax structure, economic conditions, and related fiscal issues

**S-3888/A-5585 (Ruiz/Dancer, Pintor Marin)** – Extends document submission deadlines under Economic Redevelopment and Growth Grant program and Urban Transit Hub Tax Credit program

**S-4035/A-5702 (Pou, Singleton/Wimberly, Reynolds-Jackson, Sumter)** – Makes Fiscal Year 2020 supplemental appropriation of \$1,700,000 for Thomas Edison State University

**S-4281/A-6094 (Smith, Diegnan/Danielsen, Pinkin)** – Requires State to sell and convey to Educational Services Commission of New Jersey certain land and improvements known as Piscataway Regional Day School

**S-4331/A-4727 (Diegnan, Madden/Karabinchak, Holley, Jones)** – Requires person taking written examination for permit to watch video of rights and responsibilities of driver stopped by law enforcement; requires testing on rights and responsibilities of driver stopped by law enforcement

**A-491/S-4340 (Jimenez/Sacco, Stack)** – Enhances PFRS accidental death pension for surviving spouse by providing for minimum of \$50,000 annually

**A-1044/S-1441 (Houghtaling, Downey, DiMaio, Space/Doherty, Madden)** – Requires Director of Division of Taxation to examine feasibility of centralized property tax information system to verify property taxes paid by homestead property tax reimbursement claimants

**A-1045/S-2856 (Houghtaling, Downey, Dancer/Gopal, Oroho)** – Clarifies sales tax collection responsibilities of horse-boarding businesses in New Jersey

**A-1526/S-1048 (Zwicker, Johnson/Vitale)** – Concerns payment of independent contractors

**A-2731/S-3407 (Taliaferro, Space/Sweeney, Oroho)** – Removes statutory limitation on number of permits that may be issued by Division of Fish and Wildlife for the taking of beaver

**A-4382/S-2815 (Pinkin, Lopez, Kennedy/Beach, Smith)** – Requires paint producers to implement or participate in paint stewardship program

**A-4463/S-3927 (Freiman, Egan, Karabinchak/Oroho, Andrzejczak)** – Establishes "Electronic Permit Processing Review System"

**A-4788/S-3880 (Karabinchak, Freiman, Calabrese/Diegnan)** – Establishes expedited construction inspection program

**A-5072/S-3496 (Karabinchak, Johnson, Mukherji/Greenstein, Cryan)** – "Defense Against Porch Pirates Act"; creates new category of theft, with penalties including mandatory restitution and community service, for taking package delivered to residence by cargo carrier

**A-5446/S-3907 (Land, Reynolds-Jackson, Verrelli/T. Kean, Lagana)** – Requires reporting of opioid deaths

**A-5629/S-3980 (Pintor Marin, Munoz/Weinberg, Corrado)** – Clarifies provisions concerning disclosure of existence and content of discrimination or harassment complaints; requires certain disclosures to person against whom complaint is made

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**ACS for A-5922 and 5923/SCS for S-4223 and 4224 (Conaway, Vainieri Huttle, Lopez, Pinkin/Vitale, Sweeney)** – Revises requirements for sale of tobacco and vapor products; increases penalties for prohibited sales; increases fees for cigarette and vapor business licensure

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