

Greenbook
LSC Analysis of Enacted Budget

**Department of Higher
Education**

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Legislative Service Commission

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ATTACHMENT:

Budget Spreadsheet By Line Item

Department of Higher Education

- Total budget of \$2.61 billion in FY 2018 and \$2.65 billion in FY 2019
- Total State Share of Instruction funding is flat over the biennium at \$1.98 billion in each fiscal year
- Freezes in-state undergraduate tuition charged by state universities and their regional campuses in FY 2018 and FY 2019. Allows community and technical colleges to increase their tuitions by up to \$10 per credit hour in FY 2019

OVERVIEW

Agency Overview

The Department of Higher Education (DHE) oversees and coordinates Ohio's network of public colleges and universities, known as the University System of Ohio, and a host of independent colleges and universities. DHE authorizes and approves new degree programs at existing institutions, advises the Governor and the General Assembly on higher education policy, advocates for and manages state operating and capital funds for public colleges and universities and student financial aid programs for all students, provides fiscal oversight of all public institutions, identifies gaps in Ohio's trained workforce, and oversees the development of workforce education to fulfill the needs of Ohio's industries, among other responsibilities. The Department is led by the Chancellor of Higher Education, who is appointed by the Governor, with the advice and consent of the Senate.

H.B. 64 of the 131st General Assembly changed the name of the cabinet agency from the "Board of Regents" to the "Department of Higher Education." The remaining 11-member Board serves as an advisory body to the Chancellor and is responsible for creating an annual report on the condition of higher education in Ohio and the performance of the Chancellor.

Appropriation Overview

Agency Appropriations by Fund Group, FY 2018-FY 2019 (Am. Sub. H.B. 49)					
Fund Group	FY 2017*	FY 2018	% change, FY 2017-FY 2018	FY 2019	% change, FY 2018-FY 2019
General Revenue	\$2,540,291,994	\$2,560,414,560	0.8%	\$2,596,150,182	1.4%
Dedicated Purpose	\$34,263,042	\$15,108,521	-55.9%	\$20,108,521	33.1%
Bond Research and Development	\$3,750,811	\$8,000,000	113.3%	\$8,000,000	0.0%
Federal	\$21,730,341	\$24,235,000	11.5%	\$24,435,000	0.8%
TOTAL	\$2,600,036,188	\$2,607,758,081	0.3%	\$2,648,693,703	1.6%

*FY 2017 figures represent actual expenditures.

The budget appropriates \$2,607.8 million in FY 2018 and \$2,648.7 million in FY 2019 for DHE. Of the total biennial appropriation of \$5,256.5 million, 75.3% is appropriated for the State Share of Instruction (SSI), which provides the core state support to Ohio's public colleges and universities.

Appropriations by Fund Group

The table above shows the budget for DHE by fund group. As seen from the table, the budget includes an overall increase for DHE of about 0.3% in FY 2018 and 1.6% in FY 2019. Approximately 98.1% of DHE's budget is supported by the General Revenue Fund (GRF). GRF appropriations increase 0.8% and 1.4% in FY 2018 and FY 2019, respectively, mostly for debt service on higher education general obligation bonds. Compared to FY 2017 spending, Dedicated Purpose Fund (DPF) Group appropriations decrease by 55.9% in FY 2018 due primarily to the elimination of funding for the Defense/Aerospace Workforce Development Initiative, the Higher Education Innovation Grant Program, and the Workforce Grants Program. In FY 2019, DPF appropriations increase by 33.1% due to the creation of the Short-Term Certificates Program, which will award need-based financial aid to students who are enrolled in a state institution of higher education in a program that may be completed in less than one year and for which a certificate or industry-recognized credential is awarded in an "in-demand" job.

Summary of Major Initiatives

State Share of Instruction Changes

The State Share of Instruction (SSI) formula is used to distribute the core state operating funding for public higher education. For the most part, the budget continues the formula used for the FY 2016-FY 2017 biennium, which is based mostly on outcomes such as course completions and degree attainment. The SSI formula computes funding separately for two sectors: (1) the university main and regional campus sector and (2) the community college sector, which includes community colleges, state community colleges, and technical colleges. SSI funding calculations for university and regional campuses were combined in FY 2015. LSC's DHE Redbook for H.B. 49 of the 132nd General Assembly contains a more detailed analysis and description of the SSI formula. The budget makes the following changes to the SSI formula:

- Increases instructional model costs;
- Adds a fifth "at-risk" category for students that are classified as first generation postsecondary status based on neither parent completing any education beyond high school for the degree attainment component of the formula for universities and regional campuses;

- Slightly modifies the access categories used in the course completions and completion milestones components of the formula for community and technical colleges to define students based on financial status, minority status, age, or academic underpreparation (the former access categories were very similar but some were defined more specifically);
- Earmarks \$250,000 in FY 2018 and \$275,000 in FY 2019 of the doctoral set-aside funding allocation for NEOMED; and
- Eliminates the facility-based plant operations and maintenance (POM) subsidy.

Study on the Use of STEMM and Graduate Weights

The budget requires the presidents of all public institutions of higher education, in consultation with the Chancellor, to study the effectiveness of the science, technology, engineering, mathematics, and medicine (STEMM), and graduate weights as originally recommended by the 2006 State Share of Instruction Consultation and the Higher Education Funding Study Council. The study must be completed by October 15, 2017. The study must identify the extent to which: (1) STEMM and graduate weights reallocate resources among institutions within the SSI appropriation item (235501, State Share of Instruction), (2) the resource reallocation affects institutional production of STEMM and graduate completions, and (3) the weights are appropriate given current workforce data associated with emerging and in-demand fields. Members of the study group are to use the results of the study to recommend changes in the STEMM and graduate weights to the Governor, General Assembly, and the Department of Budget and Management by December 1, 2017.

Tuition and Fee Restrictions

The budget freezes in-state undergraduate tuition charged by public universities and their regional campuses at the FY 2017 levels for FY 2018 and FY 2019 and allows community and technical colleges to increase their tuitions by up to \$10 per credit hour in FY 2019 to support quality academic programming. In FY 2016, the weighted average tuition was \$10,203 for university main campuses, \$5,956 for regional campuses, and \$3,848 for community and technical colleges.

The budget exempts numerous fees from the above prohibition, including (1) fees charged for room and board, (2) student health insurance, (3) fees for auxiliary goods or services provided to students at the cost incurred to the institution, (4) fees assessed to students as a pass-through for licensure and certification examinations, (5) fees in elective courses associated with travel experiences, (6) elective charges, (7) fines, (8) voluntary sales transactions, (9) career services, and (10) fees that offset the cost of providing textbooks for students.

Chancellor Investigation of Student Fees

The budget authorizes the Chancellor to investigate all fees charged to students by state institutions of higher education. If the Chancellor determines that the fee is not in the best interest of the student, the Chancellor may prohibit the institution from charging that fee. The budget, however, authorizes a state institution to seek approval from the Controlling Board to charge a fee that is prohibited by the Chancellor.

OCOG for GI Bill Recipients and for Students with Intellectual Disabilities

Generally, with the exception of certain foster care students, awards under the Ohio College Opportunity Grant Program (OCOG), the state's primary need-based financial aid program, cannot exceed the total state cost of attendance. However, the budget requires the award for a student who is also receiving federal veterans' education benefits to be applied toward the total state cost of attendance and the student's housing and living expenses. The budget also expands OCOG to students with intellectual disabilities who are enrolled in certain comprehensive transition and postsecondary programs.

Financial Aid for Students Enrolled in Short-term Certificate programs

Beginning in FY 2019, the budget provides need-based financial aid to students enrolled in a high-demand certificate or credential program and provides \$5 million from the GRF for this purpose.

Ohio National Guard Scholarship Program

The budget authorizes the Adjutant General and the Chancellor to jointly adopt rules for the Ohio National Guard (ONG) Scholarship program to require the use of federal educational assistance programs, including programs offered by the United States Department of Defense, that are available to an applicant based on the applicant's military service. This applies the full federal educational assistance program funding to ONG scholarship recipients prior to the ONG funds.

Applied Bachelor's Degree Programs at Two-year Colleges

The budget requires the Chancellor, in consultation with interested groups, to establish a program under which community and technical colleges can apply to DHE to offer applied bachelor's degree programs. Under the budget, the Chancellor can approve programs that demonstrate the following: (1) evidence of an agreement between the college and a regional business or industry to train students in an in-demand field and to employ students upon successful completion of a program, (2) that the workforce need of regional business or industry is in an in-demand field with long-term sustainability based upon data provided by the Governor's Office of Workforce Transformation, (3) supporting data that identifies the specific workforce need the program will address, (4) the absence of a bachelor's degree program that

meets the workforce need addressed by the proposed program that is offered by a state university or private college or university, and (5) willingness of an industry partner to offer workplace-based learning and employment opportunities to students enrolled in the proposed program. It also creates a second pathway for program approval, under which the Chancellor may approve a program that does not meet the budget's prescribed conditions, if the program clearly demonstrates a unique approach, as determined by the Chancellor, to benefit Ohio's higher education system or the state.

Competency-Based Education Programs

The budget authorizes the Chancellor to recognize or endorse an eligible institution (a state or private, nonprofit institution of higher education or a regionally accredited private nonprofit institution of higher education that is created by governors of several states) to provide competency-based education programs, where students may receive credit through demonstrating skills and knowledge in required subject areas. For any eligible institution, the budget authorizes the Chancellor, in recognizing or endorsing the institution, to eliminate any unnecessary barriers to the delivery of competency-based education, facilitate opportunities to share best practices on the delivery of competency-based education with any eligible institution, and establish any other requirements that the Chancellor determines are in the best interests of the state. Finally, the budget prohibits the Chancellor from providing any public operating or capital funding assistance to an institution that is created by governors of several states.

"3+1" Degree Programs Model

The budget requires the Chancellor, in consultation with the Inter-University Council of Ohio and the Ohio Association of Community Colleges, to develop, no later than June 30, 2018, a model for "3+1" baccalaureate degree programs for universities and community and technical colleges. The model must outline how a student may complete the equivalent of three academic years, or 90 semester credit hours, at a community or technical college and then transfer to a university to complete the final academic year, or 30 semester credit hours, or the remainder of the student's baccalaureate degree program. The Chancellor must seek input from administrators of state institutions of higher education currently participating in a "3+1" program and faculty leaders in the academic fields or disciplines under consideration for the program. The Chancellor must also evaluate existing "3+1" programs for their cost effectiveness for students.

Credentialing Program Models for in-Demand Occupations

The budget requires the Chancellor to work with state institutions of higher education, technical centers, and industry partners to develop program models that include project-based learning to increase continuing education and noncredit program offerings that lead to a credential in order to meet the state's in-demand job needs.

Regional Workforce Collaboration Model

The budget requires the Governor's Office of Workforce Transformation (OWT), the Department of Education (ODE), and the Chancellor, in consultation with business and economic development stakeholders groups to develop a regional workforce collaboration model to provide career services to students by December 31, 2017. OWT is responsible for overseeing the creation of the program based on the model.

Annual Report on Attainment Goal 2025

The budget requires the Chancellor, in conjunction with the Ohio Department of Education, to annually submit a report on the progress the state is making in increasing the percentage of adults in the state with a college degree, industry certificate, or other postsecondary credential to 65% by the year 2025.

Joint Committee on Ohio College Affordability

The budget establishes the ten-member Joint Committee on Ohio College Affordability to study and develop strategies to reduce the cost of attending colleges and universities in the state. The Committee is required to compile a report of its activities, findings, and recommendations and submit a copy of the report to the Governor, President of the Senate, and the Speaker of the House of Representatives no later than one year after the effective date of the budget, at which time the Committee will cease to exist.

Requirements for State Institutions of Higher Education

Awarding College Credit for Comparable Coursework

The budget requires state institutions of higher education to accept college credit earned in Ohio in the past five years as a substitute for comparable coursework. This includes credit that was earned in advanced or upper level coursework, which must be accepted as a substitute for comparable core or lower level coursework. For college credit earned in Ohio more than five years ago, the budget requires state institutions to permit the student to take a competency-based assessment in the relevant subject area, and, if the student passes the assessment, to excuse the student from completing the course and grant the student credit for that course.

Regional Compacts

The budget requires, by June 30, 2018, all state institutions of higher education that are located in the same Chancellor-defined region of the state to enter into a compact to: (1) examine unnecessary duplication of programs, (2) develop strategies to meet the workforce education needs of the region, (3) reduce operational and administrative costs, (4) enhance collaboration and the sharing of resources and curriculum, and (5) improve various methods for efficiency. It also requires Ohio State

University and Central State University, both of Ohio's "land grant colleges," to enter into a compact with one another to enhance collaboration.

Co-located Campus Report

The budget requires co-located state institutions of higher education (two-year institutions such as community colleges or university branches that share a campus) to annually review and report to the Efficiency Advisory Committee its best practices and shared services in order to improve academic and other services and reduce costs for students. The Committee, then, must include the information from co-located state institutions in its annual report.

Textbook Study and Selection Policy

The budget requires a state institution annually to report to the Efficiency Advisory Committee on its efforts to reduce textbook costs to students. Each state institution must also conduct a study to determine current textbook costs for students enrolled in the institution and submit that study to the Chancellor each year.

The budget also requires each state institution to adopt a textbook selection policy outlining faculty responsibilities and actions faculty may take when choosing and assigning textbooks and other instructional materials.

Remediation Reports

The budget requires each state university president, annually by December 31, to issue a report regarding the remediation of students and to submit the findings to the state university's board of trustees, the Chancellor, and the Superintendent of Public Instruction. The report must include the number of students that require remedial education, the cost and specific areas of remediation the university provides, and causes for remediation.

Medical Education Post-Graduation Residency Reports

The budget requires, for FY 2019 and for each fiscal year thereafter, each state institution of higher education that receives funds from any of 12 specific clinical teaching or other medical-related appropriation items to report to the Chancellor the residency status of graduates from the respective programs at one year and five years after graduating.

Tenure Policy Review

The budget requires the board of trustees of each state university to review the university's policy on faculty tenure and update that policy to promote excellence in instruction, research, service, and commercialization. In addition, in order for a state university to receive certain Third Frontier research incentive funds from the state on or after July 1, 2018, the budget requires a state university to include multiple pathways for faculty tenure, one of which may be a commercialization pathway, in its policy.

Vetoed Provisions

Tuition and Fee Restrictions

The Governor vetoed a provision authorizing community and technical colleges to increase their tuitions by up to \$10 per credit hour in FY 2018, retaining the authorization described above for FY 2019 only. The Governor also vetoed an exemption to the tuition and fee restrictions for noninstructional program fees.

Undergraduate Tuition Guarantee Program

The Governor vetoed a provision that would have increased from 6% to 8% the limit on the one-time tuition increase a state university may apply to the first cohort under a university's tuition guarantee program.

ANALYSIS OF ENACTED BUDGET

Introduction

This section provides an analysis of the funding for each appropriation item in DHE's budget. In this analysis, DHE's line items are grouped into 11 major categories. For each category, a table is provided listing the recommended appropriation in each fiscal year of the biennium. Following the table, a narrative describes how the appropriation is used. If the appropriation is earmarked, the earmarks are listed and described. The 11 categories used in this analysis are as follows:

1. College and University Instructional Operations;
2. Facilities and Debt Service;
3. Pre-Kindergarten Through Sixteen Preparation and Access;
4. Student Access;
5. Basic and Applied Research;
6. Workforce and Regional Economic Development;
7. Higher Education Collaboration;
8. Public Service and Safety;
9. Medical Support;
10. Planning and Coordination; and
11. Ohio Tuition Trust Authority.

To aid the reader in finding each item in the analysis, the following table shows the category in which each appropriation has been placed, listing the line items in order within their respective fund groups and funds. This is the same order the line items appear in the budget bill.

Categorization of DHE's Appropriation Line Items for Analysis of the Enacted Budget		
Fund	ALI and Name	Category
General Revenue Fund Group		
GRF	235321 Operating Expenses	10: Planning and Coordination
GRF	235402 Sea Grants	6: Workforce and Regional Economic Development
GRF	235406 Articulation and Transfer	7: Higher Education Collaboration
GRF	235408 Midwest Higher Education Compact	7: Higher Education Collaboration
GRF	235414 Grants and Scholarship Administration	4: Student Access
GRF	235417 Technology Maintenance and Operations	7: Higher Education Collaboration
GRF	235428 Appalachian New Economy Workforce Partnership	6: Workforce and Regional Economic Development
GRF	235438 Choose Ohio First Scholarship	4: Student Access
GRF	235443 Adult Basic and Literacy Education – State	3: PK-Sixteen Preparation and Access
GRF	235444 Ohio Technical Centers	6: Workforce and Regional Economic Development
GRF	235474 Area Health Education Centers Program Support	9: Medical Support
GRF	235492 Campus Safety and Training	8: Public Service and Safety
GRF	235501 State Share of Instruction	1: College and University Instructional Operations
GRF	235502 Student Support Services	4: Student Access
GRF	235504 War Orphans Scholarships	4: Student Access
GRF	235507 OhioLINK	7: Higher Education Collaboration
GRF	235508 Air Force Institute of Technology	5: Basic and Applied Research
GRF	235510 Ohio Supercomputer Center	5: Basic and Applied Research
GRF	235511 Cooperative Extension Service	6: Workforce and Regional Economic Development
GRF	235514 Central State Supplement	4: Student Access
GRF	235515 Case Western Reserve University School of Medicine	9: Medical Support
GRF	235519 Family Practice	9: Medical Support
GRF	235520 Shawnee State Supplement	4: Student Access
GRF	235525 Geriatric Medicine	9: Medical Support
GRF	235526 Primary Care Residencies	9: Medical Support
GRF	235533 Higher Education Program Support	6: Workforce and Regional Economic Development
GRF	235535 Ohio Agricultural Research and Development Center	5: Basic and Applied Research
GRF	235536 The Ohio State University Clinical Teaching	9: Medical Support
GRF	235537 University of Cincinnati Clinical Teaching	9: Medical Support
GRF	235538 University of Toledo Clinical Teaching	9: Medical Support
GRF	235539 Wright State University Clinical Teaching	9: Medical Support
GRF	235540 Ohio University Clinical Teaching	9: Medical Support
GRF	235541 Northeast Ohio Medical University Clinical Teaching	9: Medical Support

Categorization of DHE's Appropriation Line Items for Analysis of the Enacted Budget				
Fund	ALI and Name			Category
GRF	235546	Central State Agricultural Research and Development		5: Basic and Applied Research
GRF	235548	Central State Cooperative Extension Services		6: Workforce and Regional Economic Development
GRF	235552	Capital Component		2: Facilities and Debt Service
GRF	235555	Library Depositories		7: Higher Education Collaboration
GRF	235556	Ohio Academic Resources Network		7: Higher Education Collaboration
GRF	235558	Long-term Care Research		9: Medical Support
GRF	235559	Central State University – Agriculture Education		6: Workforce and Regional Economic Development
GRF	235563	Ohio College Opportunity Grant		4: Student Access
GRF	235572	The Ohio State University Clinic Support		9: Medical Support
GRF	235591	Co-Op Internship Program		6: Workforce and Regional Economic Development
GRF	235599	National Guard Scholarship Program		8: Public Service and Safety
GRF	235909	Higher Education General Obligation Debt Service		2: Facilities and Debt Service
Dedicated Purpose Fund Group				
2200	235614	Program Approval and Reauthorization		10: Planning and Coordination
4560	235603	Sales and Services		10: Planning and Coordination
4E80	235602	Higher Educational Facility Commission Administration		2: Facilities and Debt Service
5D40	235675	Conference/Special Purposes		10: Planning and Coordination
5FR0	235650	State and Non-Federal Grants and Award		10: Planning and Coordination
5JC0	235654	Federal Research Network		5: Basic and Applied Research
5NH0	235517	Short-Term Certificates		4: Student Access
5NH0	235684	OhioMeansJobs Workforce Development Revolving Loan Program		5: Basic and Applied Research
5P30	235663	Variable Savings Plan		11: Ohio Tuition Trust Authority
6450	235664	Guaranteed Savings Plan		11: Ohio Tuition Trust Authority
6820	235606	Nursing Loan Program		9: Medical Support
Third Frontier Research and Development Fund Group				
7011	235634	Research Incentive Third Frontier Fund		5: Basic and Applied Research
Federal Special Revenue Fund Group				
3120	235611	Gear-up Grant		3: PK-Sixteen Preparation and Access
3120	235612	Carl D. Perkins Grant/Plan Administration		6: Workforce and Regional Economic Development
3120	235617	Improving Teacher Quality Grant		3: PK-Sixteen Preparation and Access
3120	235641	Adult Basic and Literacy Education – Federal		3: PK-Sixteen Preparation and Access
3BG0	235651	Gear Up Grant Scholarships		3: PK-Sixteen Preparation and Access
3H20	235608	Human Services Project		9: Medical Support
3N60	235658	John R. Justice Student Loan Repayment Program		4: Student Access

Category 1: College and University Instructional Operations

This category of appropriations provides basic state support for instructional and general operations and activities at Ohio's public colleges and universities. The following table shows the College and University Instructional Operations appropriation item and funding levels.

Appropriations for College and University Instructional Operations				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235501	State Share of Instruction	\$ 1,979,416,550	\$ 1,979,416,550
General Revenue Fund Subtotal			\$ 1,979,416,550	\$ 1,979,416,550
Total Funding: College and University Instructional Operations			\$ 1,979,416,550	\$ 1,979,416,550

State Share of Instruction (235501)

Ohio's State Share of Instruction (SSI) serves as the state's primary financial support to public higher education in Ohio. SSI provides unrestricted operating subsidies to Ohio's 61 public colleges and universities, funding a portion of the operating costs of serving approximately 357,000 full-time equivalent (FTE) students enrolled in those colleges and universities. SSI is distributed to campuses in approximately equal monthly payments during a given fiscal year.

Overall, the budget increases SSI funding by \$2.1 million (0.1%) in FY 2018 compared to FY 2017 spending and flat funds it in FY 2019. The budget earmarks SSI funding for each sector as shown in the following table. The budget's changes to the SSI formula are described in the "**Overview**" section.

GRF 235501, State Share of Instruction		
Earmarks	FY 2018	FY 2019
Community, State Community, and Technical Colleges	\$456,256,006	\$456,256,006
University Main and Regional Campuses	\$1,523,160,544	\$1,523,160,544

Category 2: Facilities and Debt Service

This category of appropriations provides funds for the servicing of debt obligations incurred by the state and for the administration of capital-related activities. The following table shows the Facilities and Debt Service appropriation items and funding levels.

Appropriations for Facilities and Debt Service				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235552	Capital Component	\$ 6,350,817	\$ 1,584,491
GRF	235909	Higher Education General Obligation Debt Service	\$ 253,157,900	\$ 296,782,500
General Revenue Fund Subtotal			\$ 259,508,717	\$ 298,366,991
Dedicated Purpose Fund Group (DPF)				
4E80	235602	Higher Educational Facility Commission Administration	\$ 50,000	\$ 50,000
Dedicated Purpose Fund Group Subtotal			\$ 50,000	\$ 50,000
Total Funding: Facilities and Debt Service			\$ 259,558,717	\$ 298,416,991

Capital Component (235552)

This appropriation item provides funding for campuses that requested and received capital appropriations lower than their formula-allocated capital appropriation amount in the capital formula used prior to FY 2012. The budget restricts the funds distributed through this line item to capital-related purposes. This appropriation item was established in FY 1998 to implement an incentive-based capital funding policy. Under this policy, DHE used a formula to recommend capital funding based on the amount and age of space, the number of student enrollments, and the total capital appropriations available. Funding for the Capital Component Program is equal to the difference between DHE's recommended capital funding amount under the prior formula and actual capital appropriations received. In FY 2012, DHE established a new method of making campus capital allocations based on statewide priorities and cooperative strategy among the institutions. Funding for the program continues, however, for outstanding debt issued for capital appropriations prior to FY 2012.

The SSI formula reduces a campus's SSI subsidy if the campus requested and received capital appropriations greater than its formula-determined amount. The reduction amount equals the difference between a campus's formula-determined debt service amount in the prior capital formula and the debt service amount actually received by the campus. For all campuses except the Ohio Agricultural Research and Development Center (OARDC), these reduced subsidies are deducted from GRF appropriation item 235501, State Share of Instruction, and transferred to the Capital Component appropriation item. For OARDC, a reduced subsidy is deducted from GRF appropriation item 235535, Ohio Agricultural Research and Development Center, and transferred to the Capital Component appropriation item.

Higher Education General Obligation Debt Service (235909)

This appropriation item provides the funds necessary to make debt service payments on general obligation (GO) bonds issued to build and renovate facilities at state-supported colleges and universities. GO bonds are backed by the full faith and credit of the state. This additional backing reduces the risk to the bondholder; as a result, GO bonds are usually sold at lower interest rates than other bonds.

Higher Educational Facility Commission Administration (235602)

This line item supports DHE's administration of the Higher Educational Facility Commission (HEFC), an agency of the state that provides for the issuance of tax-exempt revenue bonds for Ohio's independent nonprofit private colleges and universities and nonprofit hospitals and health care systems. HEFC does not have a separate staff or permanent offices; it relies on bond counsel (who is paid by the universities and hospitals for which bonds are issued) and the support of DHE for its operations. DHE staff support includes accounting and recordkeeping, scheduling and coordinating HEFC meetings and project applications, and preparing HEFC's annual report.

The budget supports line item 235602 by authorizing the transfer of up to \$50,000 in both FY 2018 and FY 2019 from the HEFC Operating Expenses Fund (Fund 4610) to the HEFC Administration Fund (Fund 4E80) used by DHE, in order to enable DHE to perform HEFC's administrative duties. The budget's annual transfer amounts represent an increase of 71.8% compared to the FY 2017 transfer of \$29,100. The increased transfer amount stems from higher payroll-related costs in recent years and an overall increase in the amount of time committed to HEFC administrative activities due to the strength of the bond market and the associated increase in opportunities for institutions to save money by either refinancing or issuing new debt through HEFC.

Category 3: Pre-Kindergarten through Sixteen Preparation and Access

This category of appropriations provides opportunities for Ohio's pre-K through sixteen student development and helps to train Ohio's future teachers. The following table shows the Pre-Kindergarten through Sixteen Preparation and Access appropriation items and funding levels.

Appropriations for Pre-Kindergarten through Sixteen Preparation and Access				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235443	Adult Basic and Literacy Education – State	\$ 7,083,344	\$ 7,083,344
General Revenue Fund Subtotal			\$ 7,083,344	\$ 7,083,344
Federal Fund Group (FED)				
3120	235611	Gear-up Grant	\$ 2,000,000	\$ 2,000,000
3120	235617	Improving Teacher Quality Grant	\$ 2,800,000	\$ 2,800,000
3120	235641	Adult Basic and Literacy Education – Federal	\$ 16,400,000	\$ 16,600,000
3BG0	235651	Gear Up Grant Scholarships	\$ 1,250,000	\$ 1,250,000
Federal Fund Group Subtotal			\$ 22,450,000	\$ 22,650,000
Total Funding: Pre-Kindergarten through Sixteen Preparation and Access			\$ 29,533,344	\$ 29,733,344

Adult Basic and Literacy Education (ABLE) (235443 and 235641)

GRF appropriation item 235443, Adult Basic and Literacy Education – State provides the state match for the federal Adult Basic and Literacy Education (ABLE) grants appropriated in line item 235641, Adult Basic and Literacy Education – Federal. A funding cap of 5% is in place for administrative costs. The ABLE Program provides grants for the development and administration of courses with instruction in basic literacy, workplace literacy, family literacy, English for speakers of other languages (ESOL), and preparation for high school equivalency tests.

Gear-up Grant and Scholarships (235611 and 235651)

These federal funds support programs at the state and local partnership levels to encourage low-income middle and high school students to raise their academic expectations, stay in school, take challenging courses, and go to college. FED Fund 3120 appropriation item 235611, Gear-up Grant, provides a comprehensive system of school and community-based services including academic preparation, after-school and summer enrichment services, advising, tutoring, and mentoring in four communities (Parma, Marion, Norwood, and Crooksville) in the state with low college participation and high remediation rates. These consortia will help outside partners replicate their efforts in other parts of the state. FED Fund 3BG0 appropriation item 235651, Gear Up Grant Scholarships, is used to provide scholarships to Gear-up high school graduates who attend a state institution of higher education.

Improving Teacher Quality Grant (235617)

This federal funding provides competitive grants to universities for research-based, content-rich, professional development projects for pre-kindergarten to twelfth grade teachers. Funds are allocated to states based on population and granted to high-need school districts in partnership with colleges or universities. The grants are intended to increase student academic achievement by improving teacher quality. Partnerships may use the grants to recruit and retain teachers, increase the number of high-quality teachers, or reform state certification programs.

Category 4: Student Access

This category of appropriations supports efforts to increase college access and participation in higher education by providing a variety of student aid, from direct financial assistance for college students to institutional subsidies that help institutions maintain lower and more affordable tuitions. The following table shows the Student Access appropriation items and funding levels.

Appropriations for Student Access				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235414	Grants and Scholarship Administration	\$ 818,433	\$ 818,433
GRF	235438	Choose Ohio First Scholarships	\$ 16,174,447	\$ 16,174,447
GRF	235502	Student Support Services	\$ 632,974	\$ 632,974
GRF	235504	War Orphans Scholarships	\$ 8,077,000	\$ 8,372,500
GRF	235514	Central State Supplement	\$ 11,685,516	\$ 11,685,516
GRF	235520	Shawnee State Supplement	\$ 2,537,456	\$ 2,537,456
GRF	235563	Ohio College Opportunity Grant	\$ 99,425,000	\$ 100,875,000
General Revenue Fund Subtotal			\$ 139,350,826	\$ 141,096,326
Dedicated Purpose Fund Group (DPF)				
5NH0	235684	Short-Term Certificates	\$ -	\$ 5,000,000
Dedicated Purpose Fund Group Subtotal			\$ -	\$ 5,000,000
Federal Fund Group (FED)				
3N60	235658	John R. Justice Student Loan Repayment Program	\$ 60,000	\$ 60,000
Federal Fund Group Subtotal			\$ 60,000	\$ 60,000
Total Funding: Student Access			\$ 139,410,826	\$ 146,156,326

Grants and Scholarship Administration (235414)

This appropriation item provides funds to support the operating expenses of all of the student financial aid programs administered by DHE. In addition to administration of the state need-based financial aid programs, this line item provides funding for DHE to support all state financial aid audits and serve as fiscal manager for the Ohio National Guard Scholarship Program, the War Orphans Scholarship Program, the Safety Officers College Memorial Fund, the Ohio College Opportunity Grant Program (OCOG), and a portion of the Choose Ohio First Scholarship Program and the Nurse Education Assistance Loan Program (NEALP). This appropriation item also supports the State Grants and Scholarships Hotline and the College Access Hotline.

Choose Ohio First Scholarship (235438)

This appropriation item provides scholarships to students pursuing STEM or STEM education degrees at one of Ohio's institutions of higher education. Selected institutions are awarded funds through a competitive grant process based on their STEM recruitment and retention plans. Recipient institutions then distribute

scholarships to students. Choose Ohio First funding also provides a state match for the Woodrow Wilson Foundation Choose Ohio First STEM Teaching Fellowship Program, a competitive award program intended to attract excellent students to graduate programs that will prepare them to become STEM teachers.

H.B. 59 of the 130th General Assembly created the Choose Ohio First Scholarship Reserve Fund (Fund 5PV0), to receive cash equal to any unused appropriations in a fiscal year and to use this cash to pay scholarship obligations in excess of the appropriations made for the program in a future fiscal year. The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in 235438, from the GRF to Fund 5PV0.

Student Support Services (235502)

This appropriation item provides funds for supplemental state support to Ohio's public colleges and universities that have high concentrations of disabled students and incur disproportionate costs in providing instructional and related services to these students. The purpose of the program is to help Ohio's public colleges and universities conform to the Americans with Disabilities Act and to make their campuses more physically accessible for disabled students. Examples of the services funded with this appropriation include tutoring, note taking, counseling, and transportation services. Recently, the Student Support Services Program has also begun to include the purchase of assistive technologies that can be made available to all institutions in the University System of Ohio. DHE annually determines the qualified campuses and the statewide average costs for the provision of these services.

War Orphans Scholarship (235504)

This appropriation item provides funds for scholarships for the children of deceased or severely disabled Ohio veterans of wartime military service in the U.S. armed forces. The scholarship can be used at both state-assisted institutions and private institutions. War Orphans Scholarship recipients must be Ohio residents under the age of 25, full-time undergraduates, and maintain a 2.0 grade point average (GPA).

H.B. 59 of the 130th General Assembly created the War Orphans Scholarship Reserve Fund (Fund 5PW0), to receive cash equal to any unused appropriations in a fiscal year and to use this cash to pay scholarship obligations in excess of the appropriations made for the program in a future fiscal year. The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in 235504, from the GRF to Fund 5PW0.

Campus Supplements (235514 and 235520)

Central State Supplement (235514)

This appropriation item provides additional subsidy to Central State University. This funding is intended to allow the University to maintain lower tuition, fund scholarships, and increase access for minority students, mainly African-Americans. In FY 2017, Central State University's tuition was the lowest among the 13 university main campuses.

Shawnee State Supplement (235520)

This appropriation item provides an additional subsidy to Shawnee State University. Shawnee State primarily serves students from the Appalachian region of the state. This supplemental funding is provided to enable Shawnee State to maintain lower undergraduate fees and to fund scholarships that will increase access for populations that have been historically under-represented in higher education. In FY 2017, Shawnee State's tuition was the second lowest among the 13 university main campuses.

Supplement Improvement Plans

The budget requires the Chancellor to work separately with Central State University and Shawnee State University in the implementation of plans developed for the universities following requirements in H.B. 153 of the 129th General Assembly. The Chancellor is to distribute the supplement funds from appropriation items 235514, Central State Supplement, and 235520, Shawnee State Supplement, according to the plans. The Chancellor must also monitor the use of supplement funds and the implementation of plans established for Central State University and Shawnee State University. If the Chancellor determines that either university is not using its supplemental funds in accordance with its plan, or if the plan is not achieving its goals, the Chancellor may suspend the plan and the university must avoid all unnecessary expenditures of supplement funds. In that case, the Chancellor must then notify the Controlling Board of the plan's suspension and prepare a new plan within 60 days.

Ohio College Opportunity Grant (235563)

The Ohio College Opportunity Grant (OCOG) began in FY 2007 and completed its phase-in as Ohio's sole need-based financial aid program for public school students in FY 2010. H.B. 1 of the 128th General Assembly based OCOG eligibility for all students on their expected family contribution (EFC), as determined by the Free Application for Federal Student Aid (FAFSA). Currently, OCOG awards are based on the remaining "state cost of attendance," as determined by the Chancellor, after the student's EFC and federal Pell grant are applied to the instructional and general charges for the student's educational program. This policy reduced the total (state and federal) amount of need-based financial aid received by students, and essentially eliminated or significantly limited OCOG awards for those attending low-cost institutions, including

community colleges and university regional campuses. However, the budget continues a policy initially enacted in H.B. 64 of the 131st General Assembly authorizing the Chancellor to distribute awards on an annual basis, once Pell grants have been exhausted, for students attending an institution year-round. The effect of this policy is to provide some OCOG funding to such students.

The budget specifies that the Chancellor may use the FY 2017 OCOG distribution formula in FY 2018 and FY 2019. However, before determining OCOG award amounts, the Chancellor must also provide renewals or partial renewals of Ohio Academic Scholarships, a scholarship program that provided awards through FY 2009. Finally, the budget requires that awards for a student attending a nonprofit institution be determined at twice the rate of the awards for a student attending a public institution. Should OCOG obligations exceed appropriations, the Chancellor may change eligibility requirements or decrease award amounts.

As illustrated below, the budget earmarks at least \$94.0 million in FY 2018 and at least \$95.4 million in FY 2019 for OCOG awards for public and private, nonprofit institutions of higher education. The remaining amounts, up to \$5.4 million in FY 2018 and up to \$5.5 million in FY 2019, are earmarked for private, for-profit institutions.

GRF 235563, Ohio College Opportunity Grant		
Earmarks	FY 2018	FY 2019
Public and Private Nonprofit Institution OCOG Grants	\$94,010,433	\$95,351,123
Remainder – Private For-Profit Institution OCOG Grants	\$5,414,567	\$5,523,877

The budget makes some changes to OCOG award amounts for GI Bill recipients. Specifically, it requires the award for a student who is also receiving federal veterans' education benefits to be applied toward the total state cost of attendance and the student's housing and living expenses (generally, with the exception of certain foster care students, OCOG awards cannot exceed the total state cost of attendance). In addition, the budget permits students with intellectual disabilities to qualify for OCOG if they are enrolled in a comprehensive transition and postsecondary program certified by the U.S. Department of Education. The budget defines these programs as a "degree, certificate, non-degree program that is designed to support persons with intellectual disabilities who are receiving academic, career, technical, and independent living instruction at an institution of higher education in order to prepare for gainful employment.

To support OCOG appropriations in FY 2018 and FY 2019, the budget requires the Director of OBM, on July 1, 2017, or as soon as possible thereafter, to transfer \$2.0 million cash from the OhioMeansJobs Workforce Development Revolving Loan Fund

(Fund 5NH0) and \$1.3 million cash from the State and Non-Federal Grants and Awards Fund (Fund 5FR0) to the GRF.

H.B. 59 of the 130th General Assembly created the Ohio College Opportunity Grant Reserve Fund (Fund 5PU0), to receive cash equal to any unused appropriations in a fiscal year and to use this cash to pay grants in excess of the appropriations made for the program in a future fiscal year. The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in 235563, from the GRF to Fund 5PU0.

Short-Term Certificates (235517)

This new line item will be used beginning in FY 2019 to award need-based financial aid to students who are enrolled in a state institution of higher education in a program that may be completed in less than one year and for which a certificate or industry-recognized credential is awarded in an in-demand job. The program is funded from Fund 5NHO, which consists of casino-licensing revenue that was transferred from Fund 5JC0 in S.B. 1 of the 130th General Assembly.

John R. Justice Student Loan Repayment Program (235658)

This line item supports the federal John R. Justice Student Loan Repayment Program, which provides loan repayment assistance for state and federal public defenders and state prosecutors who agree to remain employed in hard-to-staff locations for at least three years. Recipients of the Ohio John R. Justice loan repayment grants may be competitively selected. Award amounts are dependent on the number of qualified recipients.

Category 5: Basic and Applied Research

This category of appropriations provides research programs and institutions with the means to create new technologies and help the economic vitality of the state. The following table shows the Basic and Applied Research appropriation items and funding levels.

Appropriations for Basic and Applied Research				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235508	Air Force Institute of Technology	\$ 1,566,723	\$ 1,566,723
GRF	235510	Ohio Supercomputer Center	\$ 4,388,513	\$ 4,388,513
GRF	235535	Ohio Agricultural Research and Development Center	\$ 36,361,470	\$ 36,361,470
GRF	235546	Central State Agricultural Research and Development	\$ 1,437,017	\$ 1,437,017
General Revenue Fund Subtotal			\$ 43,753,723	\$ 43,753,723
Dedicated Purpose Fund Group (DPF)				
5JC0	235654	Federal Research Network	\$ 3,450,000	\$ 3,450,000
Dedicated Purpose Fund Group Subtotal			\$ 3,450,000	\$ 3,450,000
Bond Research and Development Fund Group (BRD)				
7011	235634	Research Incentive Third Frontier	\$ 8,000,000	\$ 8,000,000
Bond Research and Development Fund Group Subtotal			\$ 8,000,000	\$ 8,000,000
Total Funding: Basic and Applied Research			\$ 55,203,723	\$ 55,203,723

Air Force Institute of Technology (235508)

This appropriation item supports graduate-level research projects at the Air Force Institute of Technology (AFIT) at Wright-Patterson Air Force Base and scholarships for graduate-level engineering students participating in the Dayton Area Graduate Studies Institute (DAGSI). AFIT, the first joint research program between the state of Ohio and the U.S. Air Force, provides graduate-level education in logistics and engineering for Air Force personnel. DAGSI is an engineering graduate consortium including AFIT, the University of Dayton, Wright State University, the Ohio State University, and the University of Cincinnati.

Ohio Supercomputer Center (235510)

This appropriation item supports the operations of the Ohio Supercomputer Center (OSC), located at the Ohio State University. The budget requires a portion of the line item to support AweSim, OSC's industrial outreach program that helps small and mid-sized manufacturers access modeling and simulation services. OSC, established in 1987, provides faculty, students, and researchers at Ohio's public and private colleges and universities access to a statewide high-performance computing resource, including OSC's modeling and simulation services and support. OSC is also available to researchers in private industry on a cost-recovery basis. HPC provides the most effective technological tools currently available for solving a range of engineering and

scientific problems and enabling advanced research by Ohio's academic and business communities.

Ohio Agricultural Research and Development Center (235535)

This appropriation item is used to support a variety of activities at the Ohio Agricultural Research and Development Center (OARDC), which is the research arm of the Ohio State University's College of Food, Agricultural, and Environmental Sciences. OARDC helps Ohio's agricultural industries improve their competitiveness and profitability.

Headquartered in Wooster, OARDC also has ten "outlying agricultural research stations" located in every region of Ohio, including OSU's main campus. OARDC is active in various basic and applied research areas, including agricultural, environmental, and developmental economics; food, agricultural, and biological engineering; animal sciences; entomology; food-animal health; food science and technology; horticulture and crop science; human and community resource development; human ecology; natural resources; and plant pathology. The funds provide technology and scientific infrastructure to attract the nation's top researchers and help leverage external research funding. OARDC serves such diverse groups as consumers, farmers and other producers, food processors, environmentalists, landfill managers, and researchers.

Central State Agricultural Research and Development (235546)

In the federal Agricultural Act of 2014 (commonly referred to as the 2014 Farm Bill), Congress officially awarded 1890 land-grant institution status to Central State University (CSU). It is one of 19 historically black colleges with this designation, and the only one in Ohio. Since receiving this designation, CSU has been in the process of building its research capacity by developing new facilities and adding research faculty. Pursuant to CSU's federally required work plan for research and extension, CSU will be creating a new land-grant research station on its campus called the Agricultural, Food Sciences, and Water Resources Center (AFWRC). AFWRC efforts will include strengthening CSU's water quality program, a forte of the university owing to the creation of the International Center for Water Resources Management at CSU in 1987 by an act of the Ohio General Assembly. Recently, AFWRC has been creating a land-grant facility use master plan, hiring research faculty, and identifying agricultural and related research projects. In the FY 2018-FY 2019 biennium, AFWRC will collaborate with federal, state, and local entities on research activities and purchase new or upgraded laboratory equipment.

Along with item 235548, Central State Cooperative Extension Services, this item is used to meet the state match required for federal funds. State appropriations will provide 50% of CSU's annual budget for agriculture research and development. The rest will be supported by federal funds.

Federal Research Network (235654)

Funds from this line item are allocated to the Ohio State University to collaborate with federal installations in Ohio, state and private nonprofit institutions of higher education, and the private sector to align the state's research assets with emerging missions and job growth opportunities emanating from federal installations, strengthen related workforce development and technology commercialization programs, and better position the state's university system to directly impact new job creation in Ohio. A portion of this appropriation must be used to support the growth of small business federal contractors in the state and to expand the participation of Ohio businesses in the federal Small Business Innovation Research Program and related federal programs.

Research Incentive Third Frontier (235634)

This line item funds the Research Incentive Third Frontier Program, which aims to enhance the basic research capabilities and promote new research strengths at Ohio's 13 public universities, one stand-alone public medical college, and two private universities (Case Western Reserve University and the University of Dayton) in order to strengthen academic research that contributes to economic growth. The program rewards institutions' successes in attracting external research funds by fractionally matching those external funds obtained during the previous year. Each institution must submit to DHE a plan that explains its allocation of the matching funds for (1) academic and state purposes, (2) strengthening research programs, and (3) increasing external funding. The plan must also include an evaluation process to determine and report the results of the increased state support. Further, an institution's plan must also demonstrate significant investments in Third Frontier activities funded at that institution.

The budget earmarks portions of this line item for research on water quality, and infant mortality, opiate addiction, and cyber security. It also earmarks a portion in each fiscal year for the I-Corps@Ohio Program, an initiative of DHE modeled after the National Science Foundation's I-Corps Program to assist faculty and graduate students from Ohio universities and colleges to validate the market potential of their technologies and assist with launching start-up companies. The remainder of the line item will be used to fund collaborative research proposals at Ohio's research universities

Fund 7011, 235634, Research Incentive Third Frontier		
Earmarks	FY 2018	FY 2019
Water quality improvement	\$2,000,000	\$2,000,000
Infant mortality reduction	\$1,000,000	\$1,000,000
Opiate addiction	\$1,000,000	\$1,000,000
Cyber-security initiatives	\$750,000	\$750,000
I-Corps@Ohio Program	\$500,000	\$500,000
Remainder – Collaborative research proposals	\$2,750,000	\$2,750,000

Category 6: Workforce and Regional Economic Development

This category of appropriations provides support to Ohio's economy through the development of services and activities to improve the adult workforce, especially in underserved areas. The following table shows the Workforce and Regional Economic Development appropriation items and funding levels.

Appropriations for Workforce and Regional Economic Development				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235402	Sea Grants	\$ 299,250	\$ 299,250
GRF	235428	Appalachian New Economy Workforce Partnership	\$ 1,228,000	\$ 1,228,000
GRF	235444	Ohio Technical Centers	\$ 16,476,150	\$ 16,640,913
GRF	235511	Cooperative Extension Service	\$ 23,968,942	\$ 23,962,050
GRF	235533	Higher Education Program Support	\$ 5,025,000	\$ -
GRF	235548	Central State Cooperative Extension Service	\$ 1,346,976	\$ 1,346,976
GRF	235559	Central State University - Agriculture Education	\$ 250,000	\$ 250,000
GRF	235591	Co-Op Internship Program	\$ 750,000	\$ 750,000
General Revenue Fund Subtotal			\$ 49,344,318	\$ 44,477,189
Dedicated Purpose Fund Group (DPF)				
5NH0	235684	OhioMeansJobs Workforce Development Revolving Loan Program	\$ 250,000	\$ 250,000
Dedicated Purpose Fund Group Subtotal			\$ 250,000	\$ 250,000
Federal Fund Group (FED)				
3120	235612	Carl D. Perkins Grant/Plan Administration	\$ 1,350,000	\$ 1,350,000
Federal Fund Group Subtotal			\$ 1,350,000	\$ 1,350,000
Total Funding: Workforce and Regional Economic Development			\$ 50,944,318	\$ 46,077,189

Sea Grants (235402)

The Sea Grants appropriation item matches federal funds for the Ohio Sea Grant Program, the mission of which is to improve the development and management of Lake Erie. The Ohio Sea Grant Program is one of 32 Sea Grant programs in the National Oceanic and Atmospheric Administration's (NOAA) Sea Grant College Program and a part of the OSU land-grant program. Between one-third and one-half of this funding goes to competitive grants for agency and academic scientists to conduct research on the ecology and economy of Lake Erie.

Appalachian New Economy Workforce Partnership (235428)

This appropriation item promotes economic development in Appalachian Ohio through integrated investments designed to improve and target the region's information technology and knowledge infrastructure. Led by Ohio University, the Appalachian New Economy Workforce Partnership (ANEWP) supports public-private technology partnerships among Ohio's public and private campuses, private industry, local government, and school districts within the 32-county Appalachian region. ANEWP's goal is to develop talent, technology, and capital in the areas of entrepreneurship and business assistance, regional public management, and K-16

education to transform Ohio's Appalachian region so that its residents can take part in and benefit from the global economy. ANEWP also provides workshops; marketing strategies for distressed communities; and consultation services in planning, marketing, finance, and information systems.

Ohio Technical Centers (235444)

Ohio Technical Centers (OTCs) provide education and training through full-time and part-time adult career-technical training programs. School districts, joint vocational school districts, and other public educational institutions are eligible for funding. The budget continues to distribute funding to OTCs using a performance-based funding model. This line item also contains several earmarks, which are listed in the table below.

GRF 235444, Ohio Technical Centers		
Earmarks	FY 2018	FY 2019
Ohio Central School System	\$392,132	\$396,054
OTC assistance	\$48,000	\$48,000
OTCs providing business consultation with matching local dollars	\$1,300,000	\$1,300,000
Remainder – Ohio Technical Centers	\$14,736,018	\$14,896,859

Cooperative Extension Service (235511)

This line item supports the Cooperative Extension Service, which is operated by the Ohio State University Extension under the Ohio State University's land-grant mandate. Located in every one of Ohio's 88 counties, the OSU Extension conducts educational programs for eligible participants, including farmers, homemakers, food and fiber industries, community leaders, and young people. The programs under the Cooperative Extension Service are designed to help people improve their lives, businesses, and communities through research-based education using scientific knowledge focused on identified issues and needs. Current program areas include agriculture and natural resources, the environment, family and consumer sciences (including home economics and family living), 4-H youth development, and community and workforce development.

Higher Education Program Support (235533)

This line item supports higher education and workforce development programs at several institutions of higher education. This line item has the following earmarks:

GRF 235533, Higher Education Program Support			
Earmarks	Institution	FY 2018	FY 2019
Maritime Risk Symposium	Tiffin University	\$25,000	\$0
State of Ohio Leadership Institute	Ohio State University	\$5,000,000	\$0

The earmark for the Maritime Risk Symposium will support the 2017 Maritime Risk Symposium hosted by Tiffin University's Center for Cyber Defense and Forensics. Tiffin University must use the funds to plan, market, and conduct the Symposium; to produce a summary document of the Symposium's proceedings; and to plan a follow-up activity regarding the Symposium.

The earmark for the State of Ohio Leadership Institute will be distributed to The Ohio State University's John Glenn College of Public Affairs to establish the State of Ohio Leadership Institute in order to provide leadership training and education for current and future elected officials and senior staff in state and local government.

Central State University Agriculture (235548 and 235559)

These appropriations are related to Central State University's (CSU's) status as a land-grant institution and the University's responsibilities under that status related to agriculture education.

GRF line item 235548, Cooperative Extension Services, will be used to provide nonformal, research-based education to a variety of groups. Following CSU's 1890 land-grant designation in 2014, CSU has been steadily building the infrastructure necessary to offer educational opportunities to the general population and enhance its extension activities, including implementing an administrative structure to oversee and manage its efforts. While CSU's federally required plan of work for research and extension indicates that CSU Extension services will be implemented across the state, its services will focus on assisting disadvantaged, under-served, and under-represented groups in urban communities in the areas of water quality, urban agriculture, climate variability and change, sustainable bio-energy, and agricultural systems. CSU's county agents and educators will be co-located with the OSU Extension in ten cities (Cincinnati, Columbus, Chillicothe, Cleveland, Dayton, Findlay, Sandusky, Toledo, Youngstown, and Xenia). Field specialists will be located on the CSU campus and available on a statewide basis. Item 235548 is used in conjunction with GRF line item 235546, Central State Agricultural Research and Development, to provide the University's state match requirement as an 1890 land-grant institution.

GRF line item 235559, Central State University – Agriculture Education, is used to establish the School of Agriculture Education and Food Science within the College of Education at CSU. The budget requires the School to use these funds (1) to establish programs to prepare extension educators with a focus on childhood development and agri-science educators for grades 7 through 12, (2) to work with other higher education institutions in Ohio that have agriculture or agriculture education programs in order to establish partnerships that result in students enrolled in the school having access to learning labs, pertinent facilities, and collaboration with faculty, (3) to provide, by the fall semester of 2018, a program for students that results in a Bachelor of Science in

Education with students eligible for an Ohio teaching license in agriculture education for grades 7 through 12 upon passing the appropriate assessments, and (4) to provide a program for students that results in a bachelor's degree, including the minimum requirements for employment as an extension educator with a focus in childhood development.

Co-Op Internship Program (235591)

This line item provides funding for public policy schools and centers for internships at several public universities through earmarks. The earmarks are listed in the following table:

GRF 235591, Co-Op Internship Program		
Earmarks	FY 2018	FY 2019
Ohio University's Voinovich School	\$50,000	\$50,000
The Ohio State University's John Glenn College of Public Affairs	\$50,000	\$50,000
Bliss Institute of Applied Politics at the University of Akron	\$50,000	\$50,000
Center for Public Management and Regional Affairs at Miami University	\$50,000	\$50,000
Washington Center Internship Program	\$200,000	\$200,000
Ohio Center for the Advancement of Women in Public Service at the Maxine Goodman Levin College of Urban Affairs at Cleveland State University	\$50,000	\$50,000
University of Cincinnati Internship Program	\$50,000	\$50,000
Center for Regional Development at Bowling Green State University	\$50,000	\$50,000
Center for Liberal Arts Student Success at Wright State University	\$50,000	\$50,000
Kent State University Columbus Program	\$50,000	\$50,000
University of Toledo Urban Affairs Center	\$50,000	\$50,000
Center for Urban and Regional Studies at Youngstown State University	\$50,000	\$50,000

OhioMeansJobs Workforce Development Revolving Loan Program (235684)

This line item supports DHE's administrative costs associated with the OhioMeansJobs Workforce Development Revolving Loan Program. Under the program, created by S.B. 1 of the 130th General Assembly, a state institution of higher education or career-technical center may apply to the Chancellor for approval of a workforce training program. After the Chancellor determines the amount awarded to the institution for a program, the institution may then award loans to eligible program participants. The loans are to be repaid to the state within seven years, are interest-free until six months after the participant successfully completes the program, and cannot exceed \$10,000 per individual.

The budget appropriates \$250,000 each fiscal year for DHE administration of the program. The program is funded from Fund 5NHO, which consists of casino-licensing revenue that was transferred from Fund 5JC0 in S.B. 1. Loans are disbursed from the

Treasurer of State budget in Fund 5NH0 appropriation item 090610, OhioMeansJobs Revolving Loan Program, which is appropriated \$15.2 million in FY 2018 under the bill.

The budget makes several changes to the program. It increases the maximum annual award amount per workforce program from \$100,000 to \$250,000. It also adds noncredit certificate programs that align with in-demand jobs in Ohio to the workforce training programs eligible for funding and requires the Chancellor, when awarding funds under the program, to give preference to certain noncredit certificate programs that support adult learners.

Carl D. Perkins Grant/Plan Administration (235612)

The federal Carl D. Perkins Career and Technical Education Improvement Act aims to increase the quality of academic, career, and technical education within the United States. The appropriation item provides funding for the administration and development of the academic, career, and technical skills of secondary and postsecondary students who enroll in career and technical education programs to prepare themselves both for postsecondary education and for careers in high-skill, high-wage, or high-demand occupations in the knowledge and skills-based economy. The appropriations support technical assistance, program monitoring, data collection and reporting, campus grant funding calculations, and general direction of the program. The continuing focus of the Perkins Act is to integrate academic knowledge and technical skill development and to raise the academic performances of all career-technical students.

Perkins funds are provided to states that, in turn, allocate funds by formula to secondary and postsecondary schools. DHE receives a transfer of 6% to 11% of the federal funds obtained under the Perkins Act by the Ohio Department of Education. DHE uses the funds provided in this line item to administer the transferred grant funds for community and technical colleges and some universities, as well as to provide technical assistance to Perkins campus coordinators.

Category 7: Higher Education Collaboration

This category of appropriations serves the educational needs of Ohio's citizens through enhanced collaborations among institutions of higher education. The following table shows the Higher Education Collaboration appropriation items and funding levels.

Appropriations for Higher Education Collaboration				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235406	Articulation and Transfer	\$ 1,812,773	\$ 1,812,773
GRF	235408	Midwest Higher Education Compact	\$ 111,550	\$ 111,550
GRF	235417	Technology Maintenance and Operations	\$ 4,313,698	\$ 4,313,698
GRF	235507	OhioLINK	\$ 6,024,682	\$ 6,024,682
GRF	235555	Library Depositories	\$ 1,397,132	\$ 1,397,132
GRF	235556	Ohio Academic Resources Network	\$ 3,077,343	\$ 3,077,343
General Revenue Fund Subtotal			\$ 16,737,178	\$ 16,737,178
Total Funding: Higher Education Collaboration			\$ 16,737,178	\$ 16,737,178

Articulation and Transfer (235406)

This appropriation item supports DHE's long-time efforts to achieve an effective statewide articulation and transfer system that addresses issues arising from the increasing student mobility throughout Ohio's higher education system, in particular those issues arising from the transfers of students and their course credits among state-assisted colleges and universities. The program also supports military and apprenticeship pathways and includes articulation of credit from high schools, high school career-technical programs, and Ohio Technical Centers to public institutions of higher education. The system facilitates transfers by establishing and implementing uniform course equivalencies and transfer policies, by creating a seamless transfer module so that course credits earned by students at one institution may be applicable or transferable to other institutions in Ohio, and by ensuring the equitable treatment of all students. DHE has been expediting the transfer process through the Articulation and Transfer Clearinghouse, which provides a central hub that transmits electronic transcripts and course alignment information in real time from one institution to another. The system's goals are to improve access to higher education and to promote students' college success. All state articulation issues are overseen by the Articulation and Transfer Advisory Council, with members from Ohio's public colleges and universities and five officials from state and private organizations in both K-12 and postsecondary education.

Midwest Higher Education Compact (235408)

This line item supports Ohio's membership dues to the Midwest Higher Education Compact's (MHEC) commission for the next two fiscal years. The Midwest Compact is a nonprofit regional organization established in 1991 by an agreement among member states to advance higher education services and opportunities in the Midwest region. The Compact is charged with promoting interstate cooperation and resource sharing in higher education through cost savings programs, student access (including reduced tuition), and policy research. This item's appropriation in each fiscal year will support most of MHEC's \$115,000 annual membership dues.

The 12 member states of MHEC are Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. The Compact's members meet twice each year to establish goals and priorities, review programs, and approve the operating budget.

Technology Maintenance and Operations (235417)

This line item is used to support the development and implementation of information technology solutions designed to improve DHE's performance and capacity, which the budget specifically allows to be provided by OH-Tech, Ohio's statewide higher education technology consortium. More specifically, the purpose of the item is to provide Shared Infrastructure (SI) services to DHE. SI provides application and server infrastructure, endpoint management, program management, and local area network (LAN) services to support DHE business services.

The budget requires a portion of 235417 in each fiscal year be used for the eStudent Services Program, formerly called the Ohio Learning Network (OLN), a state-of-the-art statewide collaborative electronic education system. eStudent Services is a member of OH-Tech, along with the Ohio Academic Resources Network (OARnet), OhioLINK, and the Ohio Supercomputer Center (OSC). The eStudent Services network is implemented through four major programs:

1. eTutoring: collaborates with 35 institutions of higher education to provide interactive online tutoring with tutors trained in numerous academic areas, including math, sciences, and writing;
2. OhioLearns: provides an online resource for public and private institutions to display and promote distance learning content, including full academic programs;
3. OhioRISES: contains collections of resources useful to students in higher education institutions and K-12 who are preparing to go to college or who are in the College Credit Plus Program; and
4. Esri ArcGIS software: allows users to gather data, build maps, and analyze data.

The budget also requires the Chancellor to use a portion of 235417 to upgrade the Higher Education Information System (HEI) to optimize the system and make it more user friendly, including implementation of a high priority data warehouse, advanced data analytics, and data visualization integration features. The HEI system holds public and private institutional data in the areas of facilities, faculty-staff, academic programs, enrollment, financials, and financial aid. According to DHE, the HEI critical maintenance and upgrades project will ensure the long-term viability of the system and is expected to be complete by the end of FY 2019. Funding for earlier phases of the HEI systems upgrade project were appropriated in S.B. 310 of the 131st General Assembly, the current capital budget act.

Finally, the budget combines the functions of former GRF line item 235483, Technology Integration and Professional Development, into 235417. Funding from 235483 was used to provide staff development, hardware, software, telecommunications services, and information resources in support of educational uses of technology in the classroom and at a distance. It also supported teacher, administrator, and technology staff professional development in qualifying schools, including the schools for the Blind and Deaf and the Department of Youth Services.

OhioLINK (235507)

This appropriation item supports the operations of OhioLINK, a statewide cooperative electronic library and information retrieval system. Created by the higher education community in 1989 to address a lack of adequate information resources available for research and teaching, OhioLINK enables access to the shared library collections of Ohio's public and private colleges and universities and the State Library of Ohio, with more than 46 million library materials statewide. OhioLINK's goal is to provide easy access to information and rapid delivery of library materials throughout the state. OhioLINK offers the following electronic services: a library catalog, research databases, a multi-publisher electronic journal center, a digital resource commons, a growing collection of e-books, an electronic theses and dissertations center, and a music center. Other services include a digital asset management and preservation solution and integration with the Digital Public Library of America.

Approximately 70% of operating funding is used to support core statewide electronic content licenses, including electronic journals and research databases, delivery courier services, or IT costs. Through the cooperative purchase and use of these electronic information resources, OhioLINK achieves significant economies of scale. OhioLINK is a member of OH-Tech, Ohio's statewide higher education technology consortium, along with eStudent Services, OSC, and OARnet.

Library Depositories (235555)

This appropriation item supports a collaborative effort among Ohio's public universities to provide high-density storage for rarely used and duplicative library materials, thereby providing an economical alternative to additional traditional library space that would be needed to store such materials. The item provides funding for the storage operations at five regional depositories. The goal is to provide a cost-effective alternative to building new libraries on campuses and to provide regional locations where library books may be stored and shared among all participating campuses.

The five regional depositories are located at the campuses of Miami University, the Northeast Ohio Medical University, Ohio University, the Ohio State University, and at the Northwestern Ohio Book Depository, which serves Bowling Green State University and the University of Toledo and its medical campus. The depositories are built and expanded in modular form, with each module typically holding approximately one million items. By the end of FY 2016, the five depositories held more than 8.5 million items, representing over 17% of the total number of items in the OhioLINK electronic library system. On average, the depositories are filled to 87% of capacity. The budget permits OhioLINK to administer the program at the direction of the Chancellor.

Ohio Academic Resources Network (235556)

This program supports the operations of the Ohio Academic Resources Network (OARnet), which provides high-speed networking services to Ohio's higher education institutions, K-12 school districts, state and local governments, public broadcasting stations, and academic medical centers. OARnet provides Internet access to millions of Ohioans, including students, researchers, and the general public. The program, established in 1987, provides high-quality, fiber-optic, backbone Internet services to help link Ohio's academics to global information resources, distance learning, and state library networks such as OhioLINK.

OARnet will continue to lead the implementation of the state's upgrade to a 100G network system, intended to increase Ohio's computing capabilities and draw cutting edge research and business to the state and to meet the future demands of the K-12 community for online assessments and blended learning. The budget indicates that, to the extent that network capacity is available, OARnet must supply bandwidth to eligible economic development programs. OARnet is a member of OH-Tech, Ohio's statewide higher education technology consortium, along with eStudent Services, OhioLINK, and OSC.

Category 8: Public Service and Safety

This category of appropriations supports public safety on or around Ohio's higher education campuses and in the state as a whole. The following table shows the Public Service and Safety appropriation items and funding levels.

Appropriations for Public Service and Safety				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235492	Campus Safety and Training	\$ 750,000	\$ 750,000
GRF	235599	National Guard Scholarship Program	\$ 18,900,003	\$ 18,900,003
General Revenue Fund Subtotal			\$ 19,650,003	\$ 19,650,003
Total Funding: Public Service and Safety			\$ 19,650,003	\$ 19,650,003

Campus Safety and Training (235492)

This appropriation item provides continued support for the "Changing Campus Culture" Program aimed at ending sexual violence on Ohio's college campuses. Using funding appropriated in the previous biennium, the Chancellor, in consultation with public and private institutions of higher education, created a five-point plan of best practices to prevent and respond to sexual violence:

- Use data to guide action;
- Empower staff, faculty, campus law enforcement, and students to prevent and respond to sexual violence through evidence-based training;
- Communicate a culture of shared respect and responsibility;
- Develop a comprehensive response policy; and
- Adopt a survivor-centered response.

In the current biennium, the line item will be used to continue developing and communicating model best practices in line with emerging trends, research, and evidence-based trainings for preventing and responding to sexual violence and protecting students and staff who are victims of sexual violence on campus.

National Guard Scholarship Program (235599)

This program provides higher education scholarships to all authorized personnel of the Ohio National Guard (ONG). The program serves as both a recruitment and a retention tool for the Guard and has proved to be an effective incentive for enlisting. The appropriation item provides funds for both scholarship grants and marketing efforts. The program's purpose is to recognize the service of the ONG by providing access to higher education for its members. The scholarship covers full tuition for students of state-assisted institutions and an amount equivalent to the average state-assisted award for students of private institutions. The scholarship is available for up to

12 full-time quarters or eight full-time semesters, equivalent to four years of study. Students must apply for the scholarship before each quarter or semester.

The budget authorizes the Adjutant General and the Chancellor to jointly adopt rules for the ONG Scholarship Program to require the use of federal educational assistance programs, including programs offered by the U.S. Department of Defense, that are available to an applicant based on the applicant's military service. If such rules are adopted, the budget requires any financial assistance received under those programs by an ONG Scholarship recipient to be applied prior to the scholarship funds, and the scholarship funds to then be applied to the remaining eligible expenses.

The program also maintains a National Guard Scholarship Reserve Fund (Fund 5BM0) to pay scholarship obligations in excess of the GRF appropriations made for that purpose. The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in 235599, from the GRF to Fund 5BM0.

Category 9: Medical Support

This appropriation category provides support to Ohio's medical, dental, and veterinary education programs and bolsters Ohio's health industry. The following table shows the Medical Support appropriation items and funding levels.

Appropriations for Medical Support				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235474	Area Health Education Centers Program Support	\$ 873,000	\$ 873,000
GRF	235515	Case Western Reserve University School of Medicine	\$ 2,038,940	\$ 2,038,940
GRF	235519	Family Practice	\$ 3,007,876	\$ 3,007,876
GRF	235525	Geriatric Medicine	\$ 496,043	\$ 496,043
GRF	235526	Primary Care Residencies	\$ 1,425,000	\$ 1,425,000
GRF	235536	The Ohio State University Clinical Teaching	\$ 9,185,494	\$ 9,185,494
GRF	235537	University of Cincinnati Clinical Teaching	\$ 7,554,944	\$ 7,554,944
GRF	235538	University of Toledo Clinical Teaching	\$ 5,888,670	\$ 5,888,670
GRF	235539	Wright State University Clinical Teaching	\$ 2,860,830	\$ 2,860,830
GRF	235540	Ohio University Clinical Teaching	\$ 2,765,651	\$ 2,765,651
GRF	235541	Northeast Ohio Medical University Clinical Teaching	\$ 2,844,469	\$ 2,844,469
GRF	235558	Long-Term Care Research	\$ 309,035	\$ 309,035
GRF	235572	The Ohio State University Clinic Support	\$ 728,206	\$ 728,206
General Revenue Fund Subtotal			\$ 39,978,158	\$ 39,978,158
Dedicated Purpose Fund Group (DPF)				
6820	235606	Nursing Loan Program	\$ 891,320	\$ 891,320
Dedicated Purpose Fund Group Subtotal			\$ 891,320	\$ 891,320
Federal Fund Group (FED)				
3H20	235608	Human Services Project	\$ 375,000	\$ 375,000
Federal Fund Group Subtotal			\$ 375,000	\$ 375,000
Total Funding: Medical Support			\$ 41,244,478	\$ 41,244,478

Area Health Education Centers Program Support (235474)

The Area Health Education Centers (AHEC) Program coordinates the placement of students of medicine and the other health professions into community-based clinical training sites, especially those in regions of physician shortages such as rural and inner-city areas.

The program also supports other health care workforce development efforts, including pipeline programs facilitating STEMM education and the support of practitioners already located in areas with shortages of health care professionals. The program's goal is to improve the geographic distribution and quality of health care personnel and health care delivery in the state. Measurement criteria include the number of training sites served, the number of students receiving education through

the program, and student experiences in areas with current shortages of health care professionals.

Case Western Reserve University School of Medicine (235515)

This appropriation item provides supplemental state funding for the Case Western Reserve University (CWRU) School of Medicine. In return, the medical school agrees to use the funds to improve the clinical experiences of its medical students and to increase medical outreach to the residents of Cleveland and Cuyahoga County. These funds are used by CWRU to recruit students across the country and create a curriculum that focuses on health issues in Ohio. Students learn to address critical public health issues that exist in Ohio's communities and provide medical services to underserved populations throughout Cuyahoga County, in part through early clinical experiences. CWRU submits an annual report to DHE providing descriptions and costs of the services provided during the preceding year.

Family Practice (235519)

This appropriation item funds family practice initiatives. The appropriation item supports family practice residencies and instruction in the departments of family medicine within each medical college in Ohio, both public and private. State-assisted medical schools are required to establish and maintain departments of family medicine. The Family Practice appropriation supports an incentive-based subsidy that rewards medical schools for the number of medical school graduates who: (1) go on to family practice residencies, (2) establish family medicine practices in Ohio, and (3) serve underserved populations and/or geographic areas of Ohio. The subsidy's purpose is to raise the quality and number of family practice physicians practicing in the state.

Geriatric Medicine (235525)

This appropriation item supports the offices of geriatric medicine within the public medical colleges in Ohio. The maintenance of these offices is mandated by the state in section 3333.111 of the Revised Code. The Geriatric Medicine Program helps ensure that all Ohio medical students receive specific education and training within their medical school curricula concerning the care of older adults. To that end, the offices are responsible for including geriatric medicine-related subject matter in existing courses, arranging the courses in sequence, and establishing courses in geriatric medicine wherever appropriate. The program's goal is to improve health care and create a better quality of life for Ohio's senior population.

Primary Care Residencies (235526)

The Primary Care Residencies appropriation item is an incentive-based subsidy that rewards medical schools based on the number of medical school graduates who: (1) go on to primary care residencies in pediatrics, internal medicine, pediatric internal

medicine, or osteopathic medicine, and (2) establish primary care practices in Ohio. The appropriation item supports instruction in primary care specialties, such as internal medicine and pediatrics, in order to raise the quality and number of primary care physicians in medical practice. Each institution must submit and gain approval of a plan for its primary care residency program in order to obtain a full allocation of funds.

Clinical Teaching (235536, 235537, 235538, 235539, 235540, and 235541)

These six appropriation items provide subsidies in support of laboratory and clinical teaching components of the medical and other health-related curricula at each of Ohio's six public medical colleges located at the University of Cincinnati, the Northeastern Ohio Universities College of Medicine, Ohio University, the Ohio State University, the University of Toledo, and Wright State University. These items help defray the costs of clinical training for Ohio's student health professionals. Clinical training is regarded as a fundamental component in the education of physicians and other health care professionals. Areas of subsidized training include medicine, nursing, pharmacy, physical and occupational therapy, and medical technologies. A significant majority of the students receive some clinical experience each year.

Beginning in FY 2019, the budget requires each institution of higher education receiving funds from the above clinical teaching line items as well as line items 235515, Case Western Reserve University School of Medicine; 235519, Family Practice; 235525, Geriatric Medicine; 235526, Primary Care Residencies; 235558, Long-term Care Research; and 235572, The Ohio State University Clinic Support, to annually report to the Chancellor the residency status of graduates from the respective programs receiving support from those appropriation items one year and five years after graduating.

Long-Term Care Research (235558)

This appropriation item supports basic and applied research and graduate studies at Miami University's Scripps Gerontology Center. The Center provides expertise, education, and research concerning issues of state and federal policy about long-term care. The program's goal is to identify cost-effective alternatives for long-term health care at reasonable levels of quality.

The Ohio State University Clinic Support (235572)

This program supports the clinical components of the instructional programs at the dental and veterinary medicine schools at the Ohio State University. The clinics provide practical education to dentistry and veterinary medicine students, as well as to dental hygiene students.

Nursing Loan Repayment (235606)

This appropriation item supports the Nurse Education Assistance Loan Program (NEALP), which provides financial assistance to Ohio students enrolled in at least half-time study in approved Ohio nurse education programs, including post-licensure nursing instructor programs. The purpose of NEALP is to encourage individuals to become students and instructors in the nursing profession – where Ohio suffers a shortage – and to provide affordable college access to nurses and nursing students. Funds in this line item are used to provide loans of approximately \$1,500 per year to students intending to serve as registered nurses and of approximately \$6,000 per year to nurses intending to become nurse instructors. Awards for students studying nursing are made on the basis of need for up to four years of study. After they have obtained the appropriate licensure and are employed in the field of nursing, students will be eligible to have 100% of their outstanding loans cancelled in increments of 20% over five years of service. For students studying to be nursing instructors, awards are made on a first-come, first-served basis for up to two years of study. Students that obtain their graduate degree and are employed as nursing instructors are eligible to have 100% of their outstanding loan balance cancelled in increments of 25% over four years of service. The funding for this item is provided by surcharges on the license renewal fees paid by registered nurses and licensed practical nurses.

Human Services Project (235608)

This federally funded program supports the Medicaid Technical Assistance Policy Program (MEDTAPP). The program's goal is to obtain research findings to assist the administration's development of policies for improving the quality and cost effectiveness of health care delivered to the state's Medicaid population. Each year, the Ohio Department of Medicaid (ODM) estimates the number of research projects to be funded; the federal funds are then used to support those projects conducted by campus academics. MEDTAPP funding is made possible through federal pass-through dollars from ODM to DHE through an interagency agreement. The funds are distributed to the Ohio medical colleges and other universities through a competitive proposal process managed by ODM.

Category 10: Planning and Coordination

This appropriation category provides DHE and state-assisted institutions of higher education with operational and administrative support to perform efficiently and effectively. The following table shows the Planning and Coordination appropriation items and funding levels.

Appropriations for Planning and Coordination				
Fund	ALI	Title	FY 2018	FY 2019
General Revenue Fund (GRF)				
GRF	235321	Operating Expenses	\$ 5,591,743	\$ 5,590,720
General Revenue Fund Subtotal			\$ 5,591,743	\$ 5,590,720
Dedicated Purpose Fund Group (DPF)				
2200	235614	Program Approval and Reauthorization	\$ 664,562	\$ 664,562
4560	235603	Sales and Services	\$ 199,250	\$ 199,250
5D40	235675	Conference/Special Purposes	\$ 791,503	\$ 791,503
5FR0	235650	State and Non-Federal Grants and Award	\$ 500,000	\$ 500,000
Dedicated Purpose Fund Group Subtotal			\$ 2,155,315	\$ 2,155,315
Total Funding: Planning and Coordination			\$ 7,747,058	\$ 7,746,035

Operating Expenses (235321)

This appropriation item equips DHE with essential resources, mainly personnel, to enable the agency to pursue its mandated mission to serve Ohio's colleges and universities and to provide higher education policy and budget advice to the Governor and to the General Assembly. This item supports the agency's personal services, maintenance, and equipment. Since FY 2016, this line item has also supported the operations and maintenance of the HEI Information System and the administration of the Research Incentive Program.

Program Approval and Reauthorization (235614)

This appropriation item enables DHE to directly contract with and reimburse consultants who review and evaluate higher education institutions' degree program proposals, conduct institutional authorization and reauthorization reviews, and perform institutional oversight reviews for private, proprietary, and out-of-state institutions, pursuant to Chapter 1713. of the Revised Code. DHE's purpose in having programs and proposed programs reviewed by objective outside experts is to provide appropriate institutional oversight in order to ensure that Ohio's degree programs are of the highest educational quality. Appropriation funding is provided by remittances from those institutions requesting reviews, evaluations, authorizations, and reauthorizations and participation in the State Authorization Reciprocity Agreement; the institutions are responsible for all costs associated with the authorization process. The remittances are paid into Fund 2200 of the Dedicated Purpose Fund Group, which funds the program's appropriations.

The costs incurred through approval and reauthorization are driven by the number of authorization requests that DHE receives from public, private, proprietary, and out-of-state institutions; the number of reauthorization requests received from currently authorized institutions; and the number of institutional oversight reviews performed by DHE. Each institutional request for authorization or reauthorization must be accommodated by DHE, which must also provide appropriate oversight reviews each year. DHE is responsible for authorizing approximately 140 independent nonprofit institutions, for-profit career colleges and schools, and all degree-granting programs.

Sales and Services (235603)

This appropriation item is funded from fees deposited into Fund 4560 of the Dedicated Purpose Fund Group and covers the costs of the production of official publications and the delivery of services associated with DHE's Higher Education Information (HEI) system, as well as miscellaneous meeting expenses.

Conferences/Special Purposes (235675)

This appropriation item receives registration fees paid by those persons participating in conferences and training related to educational technology as well as gifts and bequests for specific purposes. Moneys are used to pay for the costs associated with multiple statewide conferences, including the state's annual technology conference, and for the purposes specified by gifts and bequests.

State and Non-Federal Grants and Award (235650)

This line item is used to spend the proceeds of various temporary nonfederal grants. A portion of the funds in this line item are used to spend the proceeds of a grant from the Leona M. and Harry B. Helmsley Charitable Trust for the Ohio Mathematics Bridges to Success Initiative (OMBS). The Initiative will pilot the alignment of corequisite mathematics remediation with redesigned mathematics courses and degree pathways at six to eight campuses. This line item also is used to carry out the work of grants from the Lumina Foundation to (1) set and monitor progress toward statewide postsecondary attainment goals and (2) address barriers to postsecondary access, participation, and completion among military service members, veterans, and their families by convening stakeholders at meetings, workshops, and training events. Finally, funding will support the Knowledge Development for Scaling Guided Pathways (SGP) reforms. The SGP project will provide applied research and strategic technical assistance support to the continuing efforts of Ohio's community colleges and their partners to create "guided pathways" for students to postsecondary credentials and careers in fields of economic importance to the state.

Category 11: Ohio Tuition Trust Authority

This appropriation category provides support for the operations and activities of the Ohio Tuition Trust Authority and Ohio's 529 college savings program oversight. The following table shows the Ohio Tuition Trust Authority (OTTA) appropriation items and funding levels.

Appropriations for Ohio Tuition Trust Authority				
Fund	ALI	Title	FY 2018	FY 2019
Dedicated Purpose Fund Group (DPF)				
5P30	235663	Variable Savings Plan	\$ 7,250,000	\$ 7,250,000
6450	235664	Guaranteed Savings Plan	\$ 1,061,886	\$ 1,061,886
Dedicated Purpose Fund Group Subtotal			\$ 8,311,886	\$ 8,311,886
Total Funding: Ohio Tuition Trust Authority			\$ 8,311,886	\$ 8,311,886

OTTA was created in 1989 to provide a tax advantaged investment option for Ohio families to save for their children's college education. The Chancellor has governing power over OTTA's operations. The Ohio Tuition Trust Advisory Board acts as an advisory board to the Chancellor. The Advisory Board is made up of 11 members, including one appointed by the Governor that must have experience in the field of banking, investment banking, insurance, or law. All of OTTA's operations are funded through fee revenue generated through its programs – no expenditures are made from the GRF.

OTTA is responsible for Ohio's 529 college savings program, the College Advantage Savings Plan. A 529 college savings program is a state-operated investment plan named after the section of the federal Internal Revenue Code that specifies the various tax advantages of participating in the program. These tax advantages include tax-free growth while the value of the account accumulates, and withdrawals that are exempt from both federal and state income taxes if the distributions are used to pay for qualified higher education expenses. The qualified expenses include tuition, room and board, and any other fees or costs that are required for enrollment or attendance at the college or university. Funds invested in the plan may be used at any college in the country.

Variable Savings Plan (235663)

This appropriation item supports the investment options that are currently open to new enrollments and contributions. The Variable Savings Plan includes four investment managers: BlackRock Investment Management, Vanguard, Fifth Third Bank, and Dimensional Fund Advisors. BlackRock is OTTA's largest investment manager in terms of assets and offers the sole advisor-sold plan. In addition to these advisor-sold options, OTTA has options that investors can buy directly. Managed by three different investment managers (Vanguard, Fifth Third Bank, and Dimensional Fund Advisors), the direct options cover a range of investment options to meet a variety of investment needs.

Guaranteed Savings Plan (235664)

The oldest savings plan operated by OTTA, the Guaranteed Savings Plan, offers units which can be reimbursed for a portion of tuition, but no longer accepts new enrollments or contributions. Funding for this program comes from the reserve fund within the program, which contains fees that were assessed on each sale (approximately \$5 per contract) when the program was open for new enrollments and contributions.

Funding for this appropriation item pays for the administrative costs of operating the Guaranteed Savings Plan, which was established in October 1989. The Guaranteed Savings Plan has been suspended for new enrollees since October 8, 2003, and suspended for new contributions to existing accounts since January 1, 2004. All accounts remain suspended. The Guaranteed Savings Plan suspension is due to an actuarial deficit, initially caused largely by the combination of the downturn in the economy and the stock market, and the large increases in tuitions at Ohio's public colleges and universities after the removal of the tuition caps in FY 2002 and FY 2003.

Since new enrollments and contributions to the program have been suspended, the main activities of the program have been processing withdrawals, answering questions from program participants, and making program participants aware of investment options available under the Variable Savings Plan. The other priority of the program is to effectively manage the existing assets in the program to maximize the investment return while minimizing risk. OTTA is currently engaged in an effort to encourage current account holders with beneficiaries age 28 and older to transfer their account holdings to other investment options or liquidate funds, in order to decrease possible redemptions.

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FY 2018 - FY 2019 Final Appropriation Amounts

All Fund Groups

Line Item Detail by Agency

			FY 2016	FY 2017	Appropriation FY 2018	FY 2017 to FY 2018 % Change	Appropriation FY 2019	FY 2018 to FY 2019 % Change
Report For Main Operating Appropriations Bill								
					Version: As Enacted			
BOR Department of Higher Education								
GRF	235321	Operating Expenses	\$ 4,773,486	\$ 5,081,849	\$ 5,591,743	10.03%	\$ 5,590,720	-0.02%
GRF	235402	Sea Grants	\$ 299,250	\$ 299,250	\$ 299,250	0.00%	\$ 299,250	0.00%
GRF	235406	Articulation and Transfer	\$ 2,005,549	\$ 2,001,956	\$ 1,812,773	-9.45%	\$ 1,812,773	0.00%
GRF	235408	Midwest Higher Education Compact	\$ 115,000	\$ 115,000	\$ 111,550	-3.00%	\$ 111,550	0.00%
GRF	235409	HEI Information System	\$ 92,126	\$ 0	\$ 0	N/A	\$ 0	N/A
GRF	235414	Grants and Scholarship Administration	\$ 727,189	\$ 789,516	\$ 818,433	3.66%	\$ 818,433	0.00%
GRF	235417	Technology Maintenance and Operations	\$ 2,428,023	\$ 2,540,041	\$ 4,313,698	69.83%	\$ 4,313,698	0.00%
GRF	235428	Appalachian New Economy Workforce Partnership	\$ 1,500,000	\$ 1,500,000	\$ 1,228,000	-18.13%	\$ 1,228,000	0.00%
GRF	235433	Economic Growth Challenge	\$ 85,917	\$ 0	\$ 0	N/A	\$ 0	N/A
GRF	235434	College Readiness and Access	\$ 1,200,000	\$ 0	\$ 0	N/A	\$ 0	N/A
GRF	235438	Choose Ohio First Scholarship	\$ 12,871,275	\$ 9,420,639	\$ 16,174,447	71.69%	\$ 16,174,447	0.00%
GRF	235443	Adult Basic and Literacy Education - State	\$ 7,444,940	\$ 7,372,416	\$ 7,083,344	-3.92%	\$ 7,083,344	0.00%
GRF	235444	Ohio Technical Centers	\$ 16,834,334	\$ 16,817,760	\$ 16,476,150	-2.03%	\$ 16,640,913	1.00%
GRF	235474	Area Health Education Centers Program Support	\$ 900,000	\$ 900,000	\$ 873,000	-3.00%	\$ 873,000	0.00%
GRF	235480	General Technology Operations	\$ 1,380	\$ 0	\$ 0	N/A	\$ 0	N/A
GRF	235483	Technology Integration and Professional Development	\$ 380,364	\$ 358,270	\$ 0	-100.00%	\$ 0	N/A
GRF	235492	Campus Safety and Training	\$ 550,389	\$ 956,019	\$ 750,000	-21.55%	\$ 750,000	0.00%
GRF	235501	State Share of Instruction	\$ 1,902,032,927	\$ 1,977,320,820	\$ 1,979,416,550	0.11%	\$ 1,979,416,550	0.00%
GRF	235502	Student Support Services	\$ 632,974	\$ 632,974	\$ 632,974	0.00%	\$ 632,974	0.00%
GRF	235504	War Orphans Scholarships	\$ 6,894,206	\$ 7,037,036	\$ 8,077,000	14.78%	\$ 8,372,500	3.66%
GRF	235507	OhioLINK	\$ 6,211,012	\$ 6,211,012	\$ 6,024,682	-3.00%	\$ 6,024,682	0.00%
GRF	235508	Air Force Institute of Technology	\$ 1,740,803	\$ 1,740,803	\$ 1,566,723	-10.00%	\$ 1,566,723	0.00%
GRF	235510	Ohio Supercomputer Center	\$ 4,339,852	\$ 4,876,126	\$ 4,388,513	-10.00%	\$ 4,388,513	0.00%
GRF	235511	Cooperative Extension Service	\$ 24,209,491	\$ 24,209,491	\$ 23,968,942	-0.99%	\$ 23,962,050	-0.03%
GRF	235514	Central State Supplement	\$ 11,063,468	\$ 11,063,468	\$ 11,685,516	5.62%	\$ 11,685,516	0.00%

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BOR Department of Higher Education								
GRF	235515	Case Western Reserve University School of Medicine	\$ 2,146,253	\$ 2,146,253	\$ 2,038,940	-5.00%	\$ 2,038,940	0.00%
GRF	235519	Family Practice	\$ 3,166,185	\$ 3,166,185	\$ 3,007,876	-5.00%	\$ 3,007,876	0.00%
GRF	235520	Shawnee State Supplement	\$ 2,326,097	\$ 2,326,097	\$ 2,537,456	9.09%	\$ 2,537,456	0.00%
GRF	235523	Youth STEM Commercialization and Entrepreneurship Program	\$ 1,197,500	\$ 0	\$ 0	N/A	\$ 0	N/A
GRF	235524	Police and Fire Protection	\$ 107,814	\$ 107,814	\$ 0	-100.00%	\$ 0	N/A
GRF	235525	Geriatric Medicine	\$ 522,151	\$ 522,151	\$ 496,043	-5.00%	\$ 496,043	0.00%
GRF	235526	Primary Care Residencies	\$ 1,500,000	\$ 1,500,000	\$ 1,425,000	-5.00%	\$ 1,425,000	0.00%
GRF	235533	Higher Education Program Support	\$ 820,000	\$ 1,418,000	\$ 5,025,000	254.37%	\$ 0	-100.00%
GRF	235535	Ohio Agricultural Research and Development Center	\$ 36,860,388	\$ 36,360,388	\$ 36,361,470	0.00%	\$ 36,361,470	0.00%
GRF	235536	The Ohio State University Clinical Teaching	\$ 9,668,941	\$ 9,668,941	\$ 9,185,494	-5.00%	\$ 9,185,494	0.00%
GRF	235537	University of Cincinnati Clinical Teaching	\$ 7,952,573	\$ 7,952,573	\$ 7,554,944	-5.00%	\$ 7,554,944	0.00%
GRF	235538	University of Toledo Clinical Teaching	\$ 6,198,600	\$ 6,198,600	\$ 5,888,670	-5.00%	\$ 5,888,670	0.00%
GRF	235539	Wright State University Clinical Teaching	\$ 3,011,400	\$ 3,011,400	\$ 2,860,830	-5.00%	\$ 2,860,830	0.00%
GRF	235540	Ohio University Clinical Teaching	\$ 2,911,212	\$ 2,911,212	\$ 2,765,651	-5.00%	\$ 2,765,651	0.00%
GRF	235541	Northeast Ohio Medical University Clinical Teaching	\$ 2,994,178	\$ 2,994,178	\$ 2,844,469	-5.00%	\$ 2,844,469	0.00%
GRF	235546	Central State Agricultural Research and Development	\$ 748,797	\$ 689,488	\$ 1,437,017	108.42%	\$ 1,437,017	0.00%
GRF	235548	Central State Cooperative Extension Services	\$ 765,524	\$ 176,959	\$ 1,346,976	661.18%	\$ 1,346,976	0.00%
GRF	235552	Capital Component	\$ 11,533,686	\$ 8,447,629	\$ 6,350,817	-24.82%	\$ 1,584,491	-75.05%
GRF	235555	Library Depositories	\$ 1,440,342	\$ 1,440,342	\$ 1,397,132	-3.00%	\$ 1,397,132	0.00%
GRF	235556	Ohio Academic Resources Network	\$ 3,172,519	\$ 3,172,519	\$ 3,077,343	-3.00%	\$ 3,077,343	0.00%
GRF	235558	Long-term Care Research	\$ 325,300	\$ 325,300	\$ 309,035	-5.00%	\$ 309,035	0.00%
GRF	235559	Central State University - Agriculture Education	\$ 300,000	\$ 300,000	\$ 250,000	-16.67%	\$ 250,000	0.00%
GRF	235563	Ohio College Opportunity Grant	\$ 92,288,365	\$ 95,020,298	\$ 99,425,000	4.64%	\$ 100,875,000	1.46%
GRF	235572	The Ohio State University Clinic Support	\$ 766,533	\$ 766,533	\$ 728,206	-5.00%	\$ 728,206	0.00%
GRF	235591	Co-Op Internship Program	\$ 1,774,100	\$ 3,530,898	\$ 750,000	-78.76%	\$ 750,000	0.00%
GRF	235599	National Guard Scholarship Program	\$ 18,941,374	\$ 19,387,130	\$ 18,900,003	-2.51%	\$ 18,900,003	0.00%

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BOR Department of Higher Education								
GRF	235909	Higher Education General Obligation Bond Debt Service	\$ 240,904,077	\$ 245,506,661	\$ 253,157,900	3.12%	\$ 296,782,500	17.23%
General Revenue Fund Total			\$ 2,463,677,864	\$ 2,540,291,994	\$ 2,560,414,560	0.79%	\$ 2,596,150,182	1.40%
2200	235614	Program Approval and Reauthorization	\$ 550,172	\$ 607,483	\$ 664,562	9.40%	\$ 664,562	0.00%
4560	235603	Sales and Services	\$ 46,534	\$ 52,200	\$ 199,250	281.70%	\$ 199,250	0.00%
4E80	235602	Higher Educational Facility Commission Administration	\$ 25,348	\$ 27,557	\$ 50,000	81.44%	\$ 50,000	0.00%
5D40	235675	Conference/Special Purposes	\$ 791,503	\$ 643,438	\$ 791,503	23.01%	\$ 791,503	0.00%
5FR0	235650	State and Non-Federal Grants and Award	\$ 94,430	\$ 702,638	\$ 500,000	-28.84%	\$ 500,000	0.00%
5FR0	235682	Credit When It's Due	\$ 53,750	\$ 0	\$ 0	N/A	\$ 0	N/A
5FR0	235697	Workforce and Education Alignment Project	\$ 0	\$ 180,000	\$ 0	-100.00%	\$ 0	N/A
5JC0	235620	Regional Partnership and Training Center	\$ 500,000	\$ 1,000,000	\$ 0	-100.00%	\$ 0	N/A
5JC0	235649	Co-Op Internship Program	\$ 2,121,946	\$ 0	\$ 0	N/A	\$ 0	N/A
5JC0	235654	Federal Research Network	\$ 0	\$ 0	\$ 3,450,000	N/A	\$ 3,450,000	0.00%
5JC0	235668	Defense/Aerospace Workforce Development Initiative	\$ 10,000,000	\$ 10,000,000	\$ 0	-100.00%	\$ 0	N/A
5NH0	235517	Short-Term Certificates	\$ 0	\$ 0	\$ 0	N/A	\$ 5,000,000	N/A
5NH0	235684	OhioMeansJobs Workforce Development Revolving Loan Program	\$ 154,680	\$ 110,787	\$ 250,000	125.66%	\$ 250,000	0.00%
5P30	235663	Variable Savings Plan	\$ 5,860,097	\$ 6,315,224	\$ 7,250,000	14.80%	\$ 7,250,000	0.00%
5RA0	235616	Workforce and Higher Education Programs	\$ 750,000	\$ 10,592,541	\$ 0	-100.00%	\$ 0	N/A
5RA0	235673	National Center of Education Research on Corrosion Materials Performance	\$ 2,000,000	\$ 2,000,000	\$ 0	-100.00%	\$ 0	N/A
5Y50	235618	State Financial Aid Reconciliation	\$ 1,002,229	\$ 605,478	\$ 0	-100.00%	\$ 0	N/A
6450	235664	Guaranteed Savings Plan	\$ 771,016	\$ 758,127	\$ 1,061,886	40.07%	\$ 1,061,886	0.00%
6820	235606	Nursing Loan Program	\$ 640,964	\$ 667,571	\$ 891,320	33.52%	\$ 891,320	0.00%
Dedicated Purpose Fund Group Total			\$ 25,362,669	\$ 34,263,042	\$ 15,108,521	-55.90%	\$ 20,108,521	33.09%
7011	235634	Research Incentive Third Frontier	\$ 4,485,042	\$ 1,242,811	\$ 8,000,000	543.70%	\$ 8,000,000	0.00%
7014	235639	Research Incentive Third Frontier	\$ 534,806	\$ 1,708,000	\$ 0	-100.00%	\$ 0	N/A
7014	235696	Research Incentive Third Frontier Tax	\$ 800,000	\$ 800,000	\$ 0	-100.00%	\$ 0	N/A

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BOR Department of Higher Education								
Bond Research and Development Fund Group Total			\$ 5,819,848	\$ 3,750,811	\$ 8,000,000	113.29%	\$ 8,000,000	0.00%
3120	235611	Gear-up Grant	\$ 1,405,683	\$ 1,569,011	\$ 2,000,000	27.47%	\$ 2,000,000	0.00%
3120	235612	Carl D. Perkins Grant/Plan Administration	\$ 1,090,239	\$ 1,016,928	\$ 1,350,000	32.75%	\$ 1,350,000	0.00%
3120	235617	Improving Teacher Quality Grant	\$ 2,266,115	\$ 2,173,051	\$ 2,800,000	28.85%	\$ 2,800,000	0.00%
3120	235641	Adult Basic and Literacy Education - Federal	\$ 15,291,428	\$ 15,893,557	\$ 16,400,000	3.19%	\$ 16,600,000	1.22%
3120	235672	H-1B Tech Skills Training	\$ 1,350,064	\$ 0	\$ 0	N/A	\$ 0	N/A
3BG0	235651	Gear Up Grant Scholarships	\$ 210,469	\$ 893,900	\$ 1,250,000	39.84%	\$ 1,250,000	0.00%
3H20	235608	Human Services Project	\$ 239,214	\$ 120,311	\$ 375,000	211.69%	\$ 375,000	0.00%
3N60	235658	John R. Justice Student Loan Repayment Program	\$ 0	\$ 63,583	\$ 60,000	-5.64%	\$ 60,000	0.00%
Federal Fund Group Total			\$ 21,853,212	\$ 21,730,341	\$ 24,235,000	11.53%	\$ 24,435,000	0.83%
Department of Higher Education Total			\$ 2,516,713,593	\$ 2,600,036,188	\$ 2,607,758,081	0.30%	\$ 2,648,693,703	1.57%