

Greenbook

LBO Analysis of Enacted Budget

Department of Higher Education

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 Appropriation Spreadsheet

LBO Greenbook

Department of Higher Education

Quick look...

- 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.
- Total budget: approximately \$2.81 billion in FY 2022 and FY 2023.
- State Share of Instruction (SSI) increases 1.0% in FY 2022 and 0.9% in FY 2023.
 - SSI comprises 73.5% of the \$5.62 billion total biennial budget for DHE.
- The budget provides annual increases of 5.0% in FY 2022 and 5.4% in FY 2023 for need-based student financial aid through the Ohio College Opportunity Grant (OCOG) Program.
- The budget also boosts funding for the Choose Ohio First Scholarship and Ohio Technical Centers.

Fund Group	FY 2020 Actual	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
General Revenue	\$2,606,111,633	\$2,683,810,500	\$2,757,416,530	\$2,760,735,757
Dedicated Purpose	\$16,676,079	\$321,180,744	\$21,516,344	\$18,514,616
Third Frontier Bond	\$6,470,778	\$6,421,865	\$8,000,000	\$8,000,000
Federal	\$19,561,144	\$21,543,421	\$22,795,691	\$22,795,691
Total	\$2,648,819,634	\$3,032,956,529	\$2,809,728,565	\$2,810,046,064
% change	--	14.5%	-7.4%	0.0%
GRF % change	--	3.0%	2.7%	0.1%

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. It 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. DHE is led by the Chancellor of Higher Education, who is appointed by the Governor, with the advice and consent of the Senate.

Appropriation summary

The budget provides total appropriations of just under \$2.81 billion in FY 2022 and just over \$2.81 billion in FY 2023 for DHE. The preceding table shown in the “**Quick look**” section presents the appropriations by fund group. The General Revenue Fund (GRF) supports 98.2% of the budget appropriations for DHE. GRF appropriations increase 2.7% in FY 2022 compared to FY 2021 actual spending and 0.1% from FY 2022 to FY 2023, mostly for State Share of Instruction (SSI), the Ohio College Opportunity Grant (OCOG), and scholarship programs. Non-GRF appropriations make up the remaining 1.8% of DHE’s budget, including federal funds (0.8%), Dedicated Purpose Fund (DPF) supported items (0.7%), and Third Frontier bond funds (0.3%). The DPF appropriations decrease in FY 2022 is primarily related to the one-time Coronavirus relief funds totaling almost \$305 million in FY 2021. An additional drop of \$5 million in DPF appropriations from FY 2021 to FY 2022 is due to the Federal Research Network moving from DPF to GRF in FY 2022.

Notable budget provisions

State Share of Instruction

Funding summary

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 2020-FY 2021 biennium, which is based mostly on outcomes such as course completions and degree attainment. SSI is funded at \$2.06 billion in FY 2022, an increase of \$19.5 million (1.0%), and \$2.08 billion in FY 2023, an increase of \$19.1 million (0.9%). 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. The following summarizes the distribution amounts for each sector by formula component. LSC’s DHE Redbook for H.B. 110 of the 134th General Assembly contains a more detailed analysis and description of the SSI formula.

University sector funding

The budget earmarks \$1.58 billion in FY 2022 and \$1.60 billion in FY 2023, or 77.0% of overall SSI, for the university sector. The budget continues to distribute 50% of the earmark for universities based on degree attainment, leaving the remainder after set-asides for doctoral and medical programs, or about 30%, to be distributed based on course completions. The following table breaks out university sector funding by component for FY 2021 (before capital component adjustments) and under the budget for FY 2022 and FY 2023.

Table 1. Breakdown of SSI Funding for Universities (\$ in millions)			
Funding Component	FY 2021	FY 2022	FY 2023
Degree attainment	\$784.6	\$791.3	\$798.6
Course completion	\$475.9	\$480.0	\$484.5
Doctoral set-aside	\$184.8	\$186.4	\$188.2
Medical II set-aside	\$100.6	\$101.4	\$102.4
Medical I set-aside	\$23.2	\$23.4	\$23.6
Total	\$1,569.2	\$1,582.6	\$1,597.3

Community college sector funding

The budget earmarks \$474.1 million in FY 2022 and \$478.5 million in FY 2023 for the community college sector. Under the budget, community college funding continues to be based 50% on course completions, 25% on student success factors, and 25% on completion milestones. The following table breaks out community college sector funding for FY 2021 (before capital component adjustments) and under the budget for FY 2022 and FY 2023.

Table 2. Breakdown of SSI Funding for Community Colleges (\$ in millions)			
Funding Component	FY 2021	FY 2022	FY 2023
Course Completion	\$235.0	\$237.1	\$239.3
Student Success	\$117.5	\$118.5	\$119.6
Completion Milestones	\$117.5	\$118.5	\$119.6
Total	\$470.0	\$474.1	\$478.5

SSI formula changes

In addition to increasing SSI funding for universities and community colleges, the budget makes the following changes to the SSI formula:

- Updates instructional model costs;
- Lists “Doctoral 1” and “Doctoral 2” for the first time in the course costs and in the science, technology, engineering, mathematics, and medicine (STEMM) and Graduate Weights tables in the bill with weights of “1” in each fiscal year;
- Requires, under most of the components of the formula for universities, the Chancellor to use the most recent three-year period that is practicable as agreed to by the Inter-University Council (IUC) and the Chancellor instead of the three-year average that includes the three-year period ending in the prior year;
- Replaces, under the “Doctoral set-aside allocations” component of the formula for universities, the historical full-time equivalent (FTE) enrollment factor with one allocated

based on each campus's share of course completions. It retains, however, the other two factors: statewide degrees and research grant activity;

- Modifies two factors included in the “student success factors” component of the formula for community colleges to count subsidy-eligible students who complete college-level math and English courses within the first 30 hours of completed coursework, respectively;
- Modifies the general distribution method of SSI payments by authorizing, rather than requiring, SSI funds be distributed for the first six months of the fiscal year be based on the SSI appropriation estimates made for the various institutions and that payments for the last six months of the fiscal year be based on the final data from the Chancellor. It also requires SSI payments to universities in each month of a fiscal year to be based on final data in the Higher Education Information (HEI) system for a selected three-year period that is agreed to by the Chancellor and IUC.

Requirements for institutions receiving increase in SSI

The budget permits, rather than requires, as under prior temporary law, any institution that receives additional SSI subsidy compared to the prior year to use the additional distribution to provide need-based aid and counseling, support services, and workforce preparation services to its students.

Study on the use of at-risk weights in the SSI formulas

The budget requires the Chancellor, with the assistance of the Inter-University Council and the Ohio Association of Community Colleges, to study the most appropriate definitions of at-risk students and formula weights for at-risk students that may be used in the SSI formulas for both universities and community colleges beginning in FY 2024. The study must (1) examine and evaluate the impact on formula distributions of the at-risk weights that have been used in the SSI formulas since the inception of a performance-based funding model in Ohio, including the overall level of at-risk funding, the distribution of such funding among the universities and community colleges, and the impact of such funding on institutional outcomes such as course completion and degree or certificate completion, (2) research the use of at-risk weights in the funding formulas of other states, (3) survey the academic research on at-risk weights in higher education formulas, particularly in the context of performance-based funding, and (4) make recommendations on the definitions of at-risk students, the formula weights for such identified students, and the level of funding for at-risk students. The study must be completed by June 30, 2022.

Tuition and fee increase restrictions

For academic years 2021-2022 and 2022-2023, the budget authorizes public universities and their regional campuses to increase their in-state undergraduate instructional and general fees by no more than 2% over what the institution charged in the prior academic year. It also authorizes community and technical colleges to increase tuition and general fees by no more than \$5 per credit hour over what the institution charged in the prior academic year. In addition, the Chancellor must approve any increases in, or the creation of, all other special fees, which are fees that are specific to a program, such as a laboratory fee.

H.B. 166 of the 133rd General Assembly exempted (1) 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 service charges, (7) fines, (8) voluntary sales transactions, and (9) fees that offset the cost of providing textbooks to students, which may appear directly on a student's tuition bill as assessed by the institution's bursar from the tuition and fee restrictions established for the FY 2020-FY 2021 biennium. The budget retains all of these exemptions, except for (1) room and board and (9) fees that offset the cost of providing textbooks to students, which may appear directly on a student's tuition bill as assessed by the institution's bursar.

Choose Ohio First Scholarship Program changes

The budget makes several changes to the Choose Ohio First Scholarship Program (COF), including, but not limited to, the following:

- Eliminates Ohio Research Scholars, which provided grants to state institutions of higher education to use in recruiting scientists as faculty members. This program has been out of operation for many years. Accordingly, the budget also eliminates the Ohio Innovation Partnership, since COF will be the sole program remaining.
- Modifies the criteria used to determine awards by requiring the Chancellor to consider the extent to which a proposal recruits underrepresented populations in STEM or STEM education and by factoring in increases in STEM field graduates. It also eliminates several existing criteria, including the amount of other monetary or nonmonetary resources that the proposal will use and the demonstrated productivity or future capacity of the students or scientists to be recruited.
- Requires that all (instead of at least half, as under prior law) of the students receiving COF be involved in work-based learning. Work-based learning can be achieved through a co-op, internship, experience in an institution's laboratory, or other work-based experience.
- Eliminates the Chancellor's ability to award a larger scholarship above the maximum amount to certain undergraduate and graduate students.
- Permits the Chancellor to grant, with Controlling Board approval, a one-time extension of an award to a state institution for a period not to exceed four years.

Commercial Truck Driver Student Aid Program

The budget establishes the Commercial Truck Driver Student Aid Program which will provide a combination of a grant and loan to eligible students enrolled in a certified commercial driver's license program at a certified commercial driver's license school. A student is eligible for an award if the student: (1) is an Ohio resident, (2) is enrolled in a certified commercial driver's license school, (3) passes a drug test, (4) has three or fewer moving violations in two consecutive years, (5) has not pled guilty to or been convicted of operating a motor vehicle under the influence of alcohol or drugs, and (6) meets other criteria established by the Chancellor. A student is no longer eligible for continued participation in the program if the student has three moving

violations in two consecutive years or pleads guilty or is convicted of operating a motor vehicle under the influence while enrolled in the program.

Under the program, a student's grant amount is one-half of the student's remaining state cost of attendance after the student's federal Pell grant and expected family contribution (EFC) are applied to the student's instructional and general charges for the certified commercial driver's license school, and a student's loan amount is the other half. A student who receives an award must commit to residing and being employed in Ohio as a truck driver for a minimum of one year upon completion of a certified commercial driver's license program. The Chancellor is required to adopt rules for the program. More details of this program can be found below in the **"Analysis of FY 2022-FY 2023 budget"** section under GRF appropriation line item 235595, Commercial Truck Driver Student Aid Program.

Ohio National Guard Scholarship Program eligibility

The budget makes eligible for a scholarship under the Ohio National Guard (ONG) an individual who is actively enrolled as a full-time or part-time student for at least three credit hours of course work in (1) a credential-certifying program, (2) licensing program, (3) trade certification program, or (4) apprenticeship program for an in-demand occupation as identified by the Adjutant General and the Chancellor, in consultation with the Governor's Office of Workforce Transformation.

In-state tuition for certain out-of-state students who enroll in a graduate program

The budget grants in-state residency status to a non-Ohio resident for tuition surcharge and state operating subsidy purposes who: (1) lives in the state and completes a bachelor's degree program at an institution of higher education in Ohio, (2) immediately enrolls in a graduate degree program that is determined appropriate by the Chancellor and offered at any state institution of higher education, and (3) resides in Ohio while enrolled in the graduate degree program.

Free Application for Federal Student Aid (FAFSA) data system

The budget requires the Chancellor and the Management Council of the Ohio Education Computer Network (OECN) to establish a data system to track FAFSA completion rates of students enrolled at the state's public and private schools. Together, the Chancellor and Management Council must develop guidelines and procedures to operate the data system. It also authorizes the Chancellor to publish and share aggregate FAFSA data, including completion counts and rates for all schools in the state. All school districts, community schools, STEM schools, college-preparatory boarding schools, and private high schools must enter into a data-sharing agreement with DHE for purposes of operating the systems and provide their principals and school counselors with access to it to assist with efforts to support and encourage students to complete the FAFSA. DHE contracted with the Management Council in December 2019 to develop the data system, which is now operable. DHE reports that 541 (89%) school districts have already opted to share data in the system.

College Credit Plus Program

Academic eligibility requirements

The budget modifies the student eligibility requirements for the College Credit Plus (CCP) Program. Under prior law, a student had to either (1) be “remediation-free” or (2) score within one standard error of measurement below the remediation-free threshold for one of the assessments and either (a) have at least a 3.0 grade point average (GPA) or (b) obtain a recommendation from a school counselor, principal, or career-technical program advisor. The budget, instead, requires a student to either (1) be “remediation-free,” (2) meet an alternative remediation-free eligibility option as determined by the Chancellor of Higher Education, in consultation with the Superintendent of Public Instruction, or (3) have qualified for and participated in the program under the former eligibility criteria.

Course subject matter disclaimer

The budget requires DHE and the Ohio Department of Education (ODE) to jointly develop a permission slip regarding the potential for mature subject matter in courses taken through the CCP Program and to post it on their CCP websites. Each public and participating chartered nonpublic school must include the permission slip in CCP counseling information. As a condition of participating in the CCP Program, the student and the student’s parent must sign the permission slip and include it in the student’s application to a participating institution of higher education. Participating institutions of higher education must include the following in each CCP student’s enrollment materials: (1) a questionnaire for students acknowledging that the student possesses the necessary social and emotional maturity to attend college-level courses, (2) guidance on reviewing course materials available prior to enrolling in a course, (3) information about the college’s and the program’s policies on withdrawing from or dropping a course, and (4) information about the student’s right to speak with the student’s high school counselor or with the academic advisor assigned to the student. Each participating institution must include a discussion about the potential for mature subject matter in courses taken through the CCP Program at student orientation. ODE, DHE, and each participating institution must post in a prominent place on their CCP websites a disclaimer about the potential for mature subject matter in courses taken under CCP.

Eligibility for students in state-operated schools

The budget permits students enrolled in the Ohio School for the Deaf (OSD) and the Ohio State School for the Blind (OSB) and students enrolled in a school operated by the Department of Youth Services (DYS) to participate in the CCP Program in the same manner as students enrolled in other public schools. OSD, OSB, and institutions operated by DYS will be subject to all existing CCP Program requirements that apply to other public schools. Payments made to a college for courses taken by a student enrolled in OSD, OSB, or a school operated by DYS must be deducted from the amount appropriated by the General Assembly for support of that school or institution.

Vetoed provision – chartered nonpublic school participation

The Governor vetoed a provision that would have prohibited any requirement of CCP, and any rule adopted by the Chancellor or the State Board of Education for purposes of the CCP Program, to apply to a chartered nonpublic school that chooses not to participate in the program.

Nursing bachelor's degree programs at community colleges

The budget requires the Chancellor to approve any nursing bachelor's degree program proposed by a community, state community, and technical college (community college), if those programs meet certain requirements under continuing law and the standards and procedures for academic program approval under continuing law. It also requires the community college, upon approval of the Chancellor, to establish an accredited nursing bachelor's degree program.

Computer science standards, curriculum, instruction, and admissions requirements

The budget contains a number of provisions, involving both DHE and the Ohio Department of Education to increase the availability of computer science instruction in schools. In the higher education realm, the budget requires, beginning in the 2022-2023 academic year, each educator preparation program to provide mandatory instruction in computer science and computational thinking to every person entering the program. State institutions of higher education may incur some cost to develop and implement this area of instruction in their educator preparation programs to the extent that this instruction is not already offered. As a point of reference, it appears that only a few Ohio institutions, namely Kent State University and the University of Cincinnati, currently offer programs that lead to a license endorsement in computer science, according to DHE's online "Education Program Finder" tool. Seven state institutions offer programs that lead to an endorsement in computer/technology, which may include some concepts that would be taught in computer science instruction.

In addition, the budget requires each state university to count one unit of advanced computer science toward meeting a math, science, general elective, or foreign language requirement for admissions to the university, if the advanced computer science course was used to meet a similar high school curriculum requirement and to provide information about this recognition on the university's website.

Intercollegiate athletics and name, image, or likeness

The budget authorizes intercollegiate athletes to earn compensation from their name, image, or likeness (NIL). It prohibits an institution of higher education, athletic association, conference, or other group or organization with authority over intercollegiate athletics from taking specified actions regarding an intercollegiate athlete who earns, or obtains representation in relation to earning, compensation from the athlete's NIL. A student who intends to enter into a verbal or written contract providing compensation to the student for use of the student's NIL must disclose the proposed contract to an official of the institution for review by the institution. The institution must designate an official to whom the student is to disclose the proposed contract and authorizes an institution to establish reasonable policies or standards to address a student's failure to provide the disclosure or any other failure to comply with the requirements

of this provision. The budget also specifies other prohibitions and requirements with respect to contracts that provide compensation to an intercollegiate athlete for the use of the athlete's NIL.

Textbook auto-adoption policies and disclosures

The budget requires, prior to academic year 2022-2023, the administrations of each state institution of higher education to work collaboratively with its faculty senate to consider a textbook auto-adoption policy. Each state institution's board of trustees must then adopt a resolution or otherwise vote to affirm the policy agreed upon by the administration and faculty senate no later than August 15, 2022. Each state institution that adopts a policy must deliver a copy of it to the Chancellor.

The budget also requires all institutions of higher education receiving federal financial aid to disclose required and recommended textbooks no later than the time at which students can begin to register for a course. This policy is consistent with the federal "Higher Education Act of 2008."

Withholding student transcripts

The budget prohibits a state institution of higher education from withholding from a potential employer the official transcripts of a student who owes money to the institution if the student authorizes the transcripts to be sent to that employer and the employer affirms to the institution that the transcripts are a prerequisite of employment.

Electronic attendance of board of trustees' meetings

The budget allows the board of trustees of a state institution of higher education to adopt a policy allowing the trustees to attend a board meeting via means of electronic communication.

Wright State University Lake Campus Task Force

The budget establishes a task force to evaluate current operational structures and procedures at Wright State University's (WSU's) Lake Campus to evaluate current successes, challenges, and opportunities for WSU's Lake Campus and develop a long-term strategic plan. The task force must consist of 14 members, seven each appointed by the Speaker of the House of Representatives and the Senate President, that represent (1) WSU's Lake Campus, (2) primary and secondary education, (3) business organizations, (4) nursing, (5) engineering, and (6) any other local stakeholders. Although prohibited from serving on the task force, the Chancellor may be consulted and shall provide any available information the task force requests. The task force must issue a report to the General Assembly and the Chancellor by December 31, 2022, that contains the task force's findings and recommendations, as well as the long-term strategic plan.

Farm Production, Policy, and Financial Management Institute

The budget renames the Ohio State University Extension's "Farm Financial Management Institute" as the "Farm Production, Policy, and Financial Management Institute." Accordingly, it also expands the Institute's role of financial management to include assisting farmers in addressing integration of farm production practices, agricultural marketing, and farm policy and adds farm owners and managers to the list of individuals considered for priority enrollment in the program. The budget provides \$250,000 in each fiscal year from Fund 5YB0 appropriation

item 700676, Farm Financial Management Institute, under the Department of Agriculture's budget to support the renamed Institute.

Capital appropriation change

The budget amends H.B. 481 of the 133rd General Assembly to eliminate capital appropriations of \$32,500 from Higher Education Improvement Fund (Fund 7034) capital appropriation item C37859, Bay Village Emergency Boat Shelter, for the FY 2021-FY 2022 capital biennium.

Analysis of FY 2022-FY 2023 budget

Introduction

This section provides an analysis of the funding for each appropriation line item (ALI) in the Department of Higher Education's (DHE) budget. For organizational purposes, these ALIs are grouped into ten major categories based on their funding purposes. The analysis for an ALI with a lower category or subcategory designation will appear before that for an ALI with a higher category or subcategory designation. That is, the analysis for an ALI with a category designation of C1:8 will appear before the analysis for an ALI with a category designation of C2:1 and the analysis for an ALI with a category designation of C1:3 will appear before the analysis for an ALI with a category designation of C1:8.

To aid the reader in locating each ALI in the analysis, the following table shows the category in which each ALI has been placed, listing the ALIs in order within their respective fund groups and funds. This is the same order the ALIs appear in the DHE section of the budget bill.

In the analysis, each appropriation item's actual expenditures for FY 2021 and appropriations for FY 2022 and FY 2023 are listed in a table. Following the table, a narrative describes how the appropriation is used. If the appropriation is earmarked, the earmarks are listed and described.

Categorization of DHE's Appropriation Line Items for Analysis of FY 2022-FY 2023 Budget					
Fund	ALI	ALI Name		Category	
General Revenue Fund Group					
GRF	235321	Operating Expenses		C8:1	Planning and Coordination
GRF	235402	Sea Grants		C3:3	Agricultural and Sea Grant Programs
GRF	235406	Articulation and Transfer		C7:4	Higher Education Collaboration
GRF	235408	Midwest Higher Education Compact		C7:6	Higher Education Collaboration
GRF	235414	Grants and Scholarship Administration		C2:7	Student Access
GRF	235417	Technology Maintenance and Operations		C7:2	Higher Education Collaboration
GRF	235428	Appalachian New Economy Workforce Partnership		C4:3	Workforce and Regional Economic Development
GRF	235438	Choose Ohio First Scholarship		C2:2	Student Access
GRF	235443	Adult Basic and Literacy Education – State		C4:2	Workforce and Regional Economic Development
GRF	235444	Ohio Technical Centers		C4:1	Workforce and Regional Economic Development
GRF	235474	Area Health Education Centers Program Support		C5:7	Medical Support
GRF	235492	Campus Safety and Training		C8:2	Planning and Coordination
GRF	235495	Northeast Ohio Medical University Dental School		C5:6	Medical Support
GRF	235501	State Share of Instruction		C1:1	College and University Instructional Operations

Categorization of DHE's Appropriation Line Items for Analysis of FY 2022-FY 2023 Budget

Fund	ALI	ALI Name		Category
GRF	235504	War Orphans and Severely Disabled Veterans' Children Scholarships	C2:4	Student Access
GRF	235507	OhioLINK	C7:1	Higher Education Collaboration
GRF	235508	Air Force Institute of Technology	C6:2	Basic and Applied Research
GRF	235510	Ohio Supercomputer Center	C6:1	Basic and Applied Research
GRF	235511	The Ohio State University Extension Service	C3:2	Agricultural and Sea Grant Programs
GRF	235514	Central State Supplement	C2:5	Student Access
GRF	235515	Case Western Reserve University School of Medicine	C5:4	Medical Support
GRF	235519	Family Practice	C5:3	Medical Support
GRF	235520	Shawnee State Supplement	C2:5	Student Access
GRF	235525	Geriatric Medicine	C5:9	Medical Support
GRF	235526	Primary Care Residencies	C5:5	Medical Support
GRF	235533	Program and Project Support	C4:4	Workforce and Regional Economic Development
GRF	235535	Ohio Agricultural Research and Development Center	C3:1	Agricultural and Sea Grant Programs
GRF	235536	The Ohio State University Clinical Teaching	C5:1	Medical Support
GRF	235537	University of Cincinnati Clinical Teaching	C5:1	Medical Support
GRF	235538	University of Toledo Clinical Teaching	C5:1	Medical Support
GRF	235539	Wright State University Clinical Teaching	C5:1	Medical Support
GRF	235540	Ohio University Clinical Teaching	C5:1	Medical Support
GRF	235541	Northeast Ohio Medical University Clinical Teaching	C5:1	Medical Support
GRF	235543	Kent State University College of Podiatric Medicine Clinic Subsidy	C5:10	Medical Support
GRF	235546	Central State Agricultural Research and Development	C3:1	Agricultural and Sea Grant Programs
GRF	235548	Central State Cooperative Extension Services	C3:2	Agricultural and Sea Grant Programs
GRF	235552	Capital Component	C10:2	Facilities and Debt Service
GRF	235555	Library Depositories	C7:5	Higher Education Collaboration
GRF	235556	Ohio Academic Resources Network	C7:3	Higher Education Collaboration
GRF	235558	Long-Term Care Research	C5:11	Medical Support
GRF	235563	Ohio College Opportunity Grant	C2:1	Student Access
GRF	235569	The Ohio State University College of Veterinary Medicine Supplement	C5:2	Medical Support
GRF	235572	The Ohio State University Clinic Support	C5:8	Medical Support

Categorization of DHE's Appropriation Line Items for Analysis of FY 2022-FY 2023 Budget

Fund	ALI	ALI Name		Category
GRF	235578	Federal Research Network	C6:3	Basic and Applied Research
GRF	235591	Co-Op Internship Program	C4:5	Workforce and Regional Economic Development
GRF	235595	Commercial Truck Driver Student Aid Program	C2:6	Student Access
GRF	235598	Rural University Program	C4:6	Workforce and Regional Economic Development
GRF	235599	National Guard Scholarship Program	C2:3	Student Access
GRF	235909	Higher Education General Obligation Debt Service	C10:1	Facilities and Debt Service
Dedicated Purpose Fund Group				
2200	235614	Program Approval and Reauthorization	C8:3	Planning and Coordination
4560	235603	Sales and Services	C8:6	Planning and Coordination
4E80	235602	Higher Educational Facility Commission Administration	C10:3	Facilities and Debt Service
5D40	235675	Conference/Special Purposes	C8:5	Planning and Coordination
5FR0	235650	State and Non-Federal Grants and Award	C8:4	Planning and Coordination
5JC0	235649	MAGNET Apprenticeship Program	C4:8	Workforce and Regional Economic Development
5NH0	235517	Short-Term Certificates	C2:8	Student Access
5P30	235663	Variable Savings Plan	C9:1	Ohio Tuition Trust Authority
5RA0	235616	Workforce and Higher Education Programs	C4:7	Workforce and Regional Economic Development
5UK0	235594	OhioCorps Program	C4:9	Workforce and Regional Economic Development
5YD0	235494	Second Chance Grant Pilot Program	C2:9	Student Access
6450	235664	Guaranteed Savings Plan	C9:2	Ohio Tuition Trust Authority
6820	235606	Nursing Loan Program	C5:12	Medical Support
Bond Research and Development Fund Group				
7011	235634	Research Incentive Third Frontier	C6:4	Basic and Applied Research
7014	235639	Research Incentive Third Frontier – Tax	C6:4	Basic and Applied Research
Federal Fund Group				
3120	235577	Education, Research, Development, and Dissemination	C6:5	Basic and Applied Research
3120	235611	Gear-up Grant	C2:10	Student Access
3120	235612	Carl D. Perkins Grant/Plan Administration	C4:10	Workforce and Regional Economic Development
3120	235641	Adult Basic and Literacy Education – Federal	C4:2	Workforce and Regional Economic Development

Categorization of DHE's Appropriation Line Items for Analysis of FY 2022-FY 2023 Budget

Fund	ALI	ALI Name	Category
3BG0	235651	Gear Up Grant Scholarships	C2:10 Student Access
3N60	235658	John R. Justice Student Loan Repayment Program	C2:11 Student Access

Category 1: College and University Instructional Operations**C1:1: State Share of Instruction (ALI 235501)**

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
University main and regional campuses	\$1,568,060,501	\$1,582,613,811	\$1,597,298,400
Community and technical colleges	\$469,088,989	\$474,064,305	\$478,463,002
GRF ALI 235501 total:	\$2,037,149,490	\$2,056,678,116	\$2,075,761,402
% change	--	1.0%	0.9%

*The FY 2021 actual amounts take into account capital component adjustments. See page 47 for additional details.

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 323,000 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. The budget authorizes any institution that receives additional SSI subsidy above what it received in the prior year to use the additional distribution to provide need-based aid and counseling, support services, and workforce preparation services to its students. More details on the SSI formula, including distribution amounts for each institutional sector, are described in the "Notable Budget Provisions" section of this document.

Category 2: Student Access

This category supports efforts to increase 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.

C2:1: Ohio College Opportunity Grant (ALI 235563)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235563, Ohio College Opportunity Grant	\$101,719,271	\$106,756,352	\$112,500,000
% change	--	5.0%	5.4%

The Ohio College Opportunity Grant (OCOG) provides need-based financial aid for higher education students based on their expected family contribution (EFC), as determined by the Free Application for Federal Student Aid (FAFSA). Currently, Ohio residents with an EFC of 2190 or less

and a maximum household income of \$96,000 are eligible for OCOG awards. In general, the awards are determined by subtracting the sum of the EFC and associated Pell award (a fixed amount) from the average instructional and general fees charged by the student's respective institutional sector. In FY 2021, the fixed EFC and Pell award combination used to determine OCOG awards was \$6,195. For FY 2022, this amount increased to \$6,495. The Chancellor publishes award amounts on DHE's website each fiscal year in an OCOG award table.

In FY 2021, H.B. 166 of the 133rd General Assembly earmarked minimum amounts for OCOG aid to students attending public and private, nonprofit institutions of higher education, with the remainder allocated for students attending private, for-profit institutions. It also specified the award amounts for students enrolled at public and private nonprofit institutions, respectively. The budget discontinues these earmarks and specified award amounts, and, instead, requires the Chancellor to determine the awards for students attending an eligible public, private, nonprofit, and private, for-profit institution. Should OCOG obligations exceed appropriations, the budget continues to permit the Chancellor to change eligibility requirements or decrease award amounts.

Before determining OCOG award amounts, the Chancellor must use funds from line item 235563 to pay tuition waivers and student fees for eligible students in the Ohio Safety Officer's College Memorial Fund Program, which provides tuition assistance for children and spouses of peace officers, firefighters, and safety officers who were killed in the line of duty.

The budget authorizes the Director of Budget and Management (OBM) to transfer cash, up to the certified amount of canceled prior-year encumbrances in item 235563, from the GRF to the Ohio College Opportunity Grant Reserve Fund (Fund 5PU0). Under continuing law, Fund 5PU0 is used as necessary to pay grant obligations in excess of the GRF appropriations made for the program.

C2:2: Choose Ohio First Scholarship (ALI 235438)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235438, Choose Ohio First Scholarship	\$14,279,520	\$25,000,000	\$28,000,000
% change	--	75.1%	12.0%

This appropriation item provides scholarships under the Choose Ohio First Scholarship Program (COF) to students pursuing STEMM or STEMM education degrees at one of Ohio's institutions of higher education. Prior to the enactment of H.B. 110, COF and the Ohio Research Scholars Program were under the umbrella of the Ohio Innovation Partnership. Under COF, selected institutions are awarded funds through a competitive grant process based on their STEMM recruitment and retention plans. Recipient institutions then distribute scholarships to students.

The budget makes several changes to COF, including, but not limited to, the following:

- Eliminates Ohio Research Scholars, which provided grants to state institutions of higher education to use in recruiting scientists as faculty members. This program has been out

of operation for many years. Accordingly, the budget also eliminates the Ohio Innovation Partnership, since COF will be the sole program remaining.

- Modifies the criteria used to determine awards by requiring the Chancellor to consider the extent to which a proposal recruits underrepresented populations in STEM or STEM education and by factoring in increases in STEM field graduates. It also eliminates several existing criteria, including the amount of other monetary or nonmonetary resources that the proposal will use and the demonstrated productivity or future capacity of the students or scientists to be recruited.
- Requires that all (instead of at least half, as under prior law) of the students receiving COF be involved in work-based learning. Work-based learning can be achieved through a co-op, internship, experience in an institution's laboratory, or other work-based experience.
- Eliminates the Chancellor's ability to award a larger scholarship above the maximum amount to certain undergraduate and graduate students.
- Permits the Chancellor to grant, with Controlling Board approval, a one-time extension of an award to a state institution for a period not to exceed four years.

The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in item 235438, from the GRF to the Choose Ohio First Scholarship Reserve Fund (Fund 5PV0). Under continuing law, Fund 5PV0 is used as necessary to pay scholarship obligations in excess of the GRF appropriations made for the program. The budget also extends the types of funds that Fund 5PV0 can receive, in addition to these transferred funds, to include federal sources.

C2:3: National Guard Scholarship Program (ALI 235599)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235599, National Guard Scholarship Program	\$11,645,152	\$19,000,000	\$19,000,000
% change	--	63.2%	0.0%

This program provides higher education scholarships to all authorized personnel of the Ohio National Guard (ONG). The program serves as both a recruitment and 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 makes eligible for a scholarship under the ONG an individual who is actively enrolled as a full-time or part-time student for at least three credit hours of course work in (1) a credential-certifying program, (2) licensing program, (3) trade certification program, or

(4) apprenticeship program for an in-demand occupation as identified by the Adjutant General and the Chancellor, in consultation with the Governor's Office of Workforce Transformation.

The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in line item 235599, from the GRF to the National Guard Scholarship Reserve Fund (Fund 5BM0). Under continuing law, Fund 5BM0 is used as necessary to pay scholarship obligations in excess of the GRF appropriations made for the program.

C2:4: War Orphans and Severely Disabled Veterans' Children Scholarships (ALI 235504)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235504, War Orphans and Severely Disabled Veterans' Children Scholarships	\$14,476,778	\$14,000,000	\$15,500,000
% change	--	-3.3%	10.7%

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. In FY 2022, a scholarship is equal to 84% of instructional and general fees for students of state-assisted, two-year and four-year institutions and \$7,532 for students at 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). Overall, the number of eligible scholarship applicants has increased from approximately 750 students in FY 2013 to approximately 1,750 students in FY 2021, primarily due to growing diagnoses of severe post-traumatic stress disorder (PTSD). It is expected the number of eligible students will continue to rise as eligibility and awareness of the program increase.

The budget authorizes the Director of OBM to transfer cash, up to the certified amount of canceled prior-year encumbrances in line item 235504, from the GRF to the War Orphans and Severely Disabled Veterans' Children Scholarship Reserve Fund (Fund 5PW0). Under continuing law, Fund 5PW0 is used as necessary to pay scholarship obligations in excess of the GRF appropriations made for the program.

C2:5: Campus Supplements (ALIs 235514 and 235520)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235514, Central State Supplement	\$11,241,466	\$11,551,202	\$11,685,515
% change	--	2.8%	1.2%
GRF ALI 235520, Shawnee State Supplement	\$4,037,456	\$4,636,500	\$5,409,250
% change	--	14.8%	16.7%

These line items provide additional subsidy to Central State University and Shawnee State University with the intent of allowing the universities to maintain lower tuition, fund

scholarships, and increase access for minority students, mainly African-Americans, and students from the Appalachian region of the state, respectively. In FY 2021, Central State University's tuition was the lowest among the 13 university main campuses. Shawnee State's tuition was the second lowest.

C2:6: Commercial Truck Driver Student Aid Program (ALI 235595)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Grants	\$0	\$1,250,000	\$1,250,000
Loans	\$0	\$1,250,000	\$1,250,000
GRF ALI 235595 total:	\$0	\$2,500,000	\$2,500,000
% change	--	N/A	0.0%

This new appropriation item will be used to provide a combination of a grant and a loan under the newly established Commercial Truck Driver Student Aid Program to certain eligible students enrolled in a certified commercial driver's license program at a certified commercial driver's license school. As seen in the item 235595 table above, the budget earmarks, separately, up to \$1,250,000 in each fiscal year to be distributed by the Chancellor as grants and loans. A student's grant amount is one-half of the student's remaining state cost of attendance after the student's federal Pell grant and expected family contribution (EFC) are applied to the student's instructional and general charges for the certified commercial driver's license school, and a student's loan amount is the other half. The amount of a grant and a loan awarded under the program is in addition to what the student may receive under OCOG. However, the budget directs the Chancellor to decrease the loan amount by the amount the student receives under OCOG. Each student who accepts a grant must sign a promissory note payable to the state in the event that the student either fails to complete the certified commercial driver's license program or fails to meet the one-year residency and employment requirement. The Chancellor is required to adopt rules for the program.

The budget also establishes the Commercial Truck Driver Student Aid Fund to consist of funds appropriated by the General Assembly for the program, and loan repayments.

C2:7: Grants and Scholarship Administration (ALI 235414)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235414, Grants and Scholarship Administration	\$791,834	\$850,729	\$876,251
% change	--	7.4%	3.0%

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 and Severely Disabled Veterans' Children Scholarship Program, the Safety Officers College Memorial Fund, the Ohio College Opportunity Grant Program (OCOG), the Nurse Education Assistance Loan Program (NEALP), the John R. Justice Student Loan Repayment Program, and a portion of the Choose Ohio First Scholarship Program. This appropriation item also supports state financial aid audits.

C2:8: Short-Term Certificates (ALI 235517)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5NH0 ALI 235517, Short-Term Certificates	\$0	\$3,500,000	\$3,500,000
% change	--	N/A	0.0%

This appropriation item will award need-based financial aid to students who are enrolled in a state-supported community college, state community college, technical college, or an Ohio Technical Center 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. A similar program operated in FY 2019 through H.B. 49 of the 132nd General Assembly. However, that program awarded aid to students enrolled at all state institutions of higher education. H.B. 166 of the 133rd General Assembly eliminated that program for the FY 2020-FY 2021 operating biennium and established a similar program, the TechCred Program, under the Department of Development's budget.

To support the program in FY 2022 and FY 2023, the budget requires the Director of OBM, on July 1, 2021, or as soon as possible thereafter, to transfer \$7.0 million cash from the GRF to the OhioMeansJobs Workforce Development Revolving Loan Fund (Fund 5NH0).

C2:9: Second Chance Grant Pilot Program (ALI 235494)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5YD0 ALI 235494, Second Chance Grant Pilot Program	\$0	\$3,000,000	\$0
% change	--	N/A	-100.0%

This new appropriation item will be distributed by the Chancellor to qualifying institutions of higher education and Ohio Technical Centers to provide grants to eligible students under the Second Chance Pilot Program. The budget does not contain program implementation language. However, S.B. 135 of the 134th General Assembly, As Passed by the Senate, would establish a "last-dollar" program that would provide a one-time grant of \$2,000 to a student who is a resident of the state and who (1) has not attained a bachelor's degree, (2) disenrolled from a state university, while in good standing, without transferring to another institution for at least three semesters, (3) enrolls in a qualifying institution within five years of disenrolling from that state university, (4) is not enrolled in the College Credit Plus Program, and (5) meets any other eligibility criteria determined by the Chancellor.

To support the program in FY 2022, the budget requires the Director of OBM, on July 1, 2021, or as soon as possible thereafter, to transfer up to \$3.0 million cash from the GRF to the Second Chance Grant Pilot Program Fund (Fund 5YD0), which is created in the bill.

C2:10: Gear-up Grant and Scholarships (ALIs 235611 and 235651)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
3120 ALI 235611, Gear-up Grant	\$1,376,522	\$2,000,000	\$2,000,000
% change	--	45.3%	0.0%
3BG0 ALI 235651, Gear Up Grant Scholarships	\$1,505,842	\$1,750,000	\$1,750,000
% change	--	16.2%	0.0%

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. According to DHE, Gear-up requires a 1:1 match from state or private funding sources. 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. A new grant award totaling \$24.5 million, covering both programs, was awarded in FY 2016. The new award is expected to support both programs for seven years. After the current grant period ends, DHE indicates they will apply for another seven-year award.

C2:11: John R. Justice Student Loan Repayment Program (ALI 235658)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
3N60 ALI 235658, John R. Justice Student Loan Repayment Program	\$0	\$70,000	\$70,000
% change	--	N/A	0.0%

This appropriation 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, but cannot exceed \$10,000 per attorney per calendar year or an aggregate total of \$60,000 per attorney.

Category 3: Agricultural and Sea Grant Programs

This category of appropriations supports the land-grant missions of Central State University (CSU) and the Ohio State University (OSU), including agricultural research and development, cooperative extensive services, and the sea grant program that seeks to improve the development and management of Lake Erie.

C3:1: Agricultural Research and Development (ALIs 235535 and 235546)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235535, Ohio Agricultural Research and Development Center	\$35,493,396	\$35,785,072	\$36,086,454
% change	--	0.8%	0.8%
GRF ALI 235546, Central State Agricultural Research and Development	\$3,317,860	\$4,883,340	\$4,883,340
% change	--	47.2%	0.0%

One of the primary missions of land-grant universities is to engage in agricultural research and development. These line items provide state support for agricultural research and development efforts by Ohio's two land-grant institutions, OSU and CSU. The combined funding for agricultural research and development in the FY 2022-FY 2023 biennium amounts to \$40.7 million in FY 2022 and \$41.0 million in FY 2023, about 88% of which flows to OSU through the Ohio Agricultural Research and Development Center (OARDC).

OARDC

OARDC is the nation's largest and Ohio's only comprehensive AgBioscience research organization. It serves as the research arm of OSU's College of Food, Agricultural, and Environmental Sciences. Headquartered in Wooster, OARDC also has nine "outlying agricultural research stations" located in every region of Ohio. OARDC is active in the following basic and applied research areas:

- agricultural, environmental, and development economics;
- food, agricultural, and biological engineering;
- animal sciences and food-animal health;
- food science and technology;
- horticulture and crop science;
- human and community resource development;
- human ecology, natural resources, and plant pathology; and
- entomology.

OARDC also trains graduate students in these areas and works with researchers at other OSU colleges, including the colleges of Human Ecology, Medicine and Public Health, and Veterinary Medicine. The Center serves such diverse groups as consumers, farmers and other producers, food processors, environmentalists, landfill managers, and researchers.

CSU agriculture research and development

This item is used by CSU to meet the one-to-one match required for federal funds. Generally, item 235546 will provide 50% of CSU's annual budget for agriculture research and development. The rest will be supported by federal funds.

C3:2: Cooperative Extension Services (ALIs 235511 and 235548)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235511, The Ohio State University Extension Service	\$23,854,677	\$24,563,453	\$24,761,619
% change	--	3.0%	0.8%
GRF ALI 235548, Central State Cooperative Extension Services	\$2,854,148	\$5,084,568	\$5,084,568
% change	--	78.2%	0.0%

These appropriation items support the offering of cooperative extension services by OSU and CSU. According to the U.S. Department of Agriculture, extension services provide relevant information through nonformal education and learning activities to farmers, small business owners, consumers, and families in both rural and urban areas. In October 2015, OSU and CSU began a five-year cooperation agreement to partner in the offering of agricultural extension services pursuant to federal law that requires a single, comprehensive extension program for a state. Administrators in both institutions have mutually agreed to continue to work under the terms of this agreement until a new one is completed. Both universities serve as co-executives in counties in which they both have programs and coordinate to create a unified extension program. Although cooperative, and often co-located, both universities work individually and collaboratively to provide services to diverse populations across Ohio. The combined funding for extension services in the FY 2022-FY 2023 biennium amounts to \$29.6 million in FY 2022 and \$29.8 million in FY 2023, about 83% of which flows to the OSU Extension.

OSU Extension

The OSU Extension is headquartered in the College of Food, Agricultural, and Environmental Sciences and has had partnerships with the faculties and staffs of many departments across OSU. Located in every one of Ohio's 88 counties, the OSU Extension is an educational entity that creates partnerships with individuals, families, communities, businesses and industries, and organizations to strengthen the lives of Ohioans through research-based educational programs. OSU Extension programs focus broadly on health and wellness, workforce development, thriving across lifespan, sustainable food systems, citizen engagement, and environmental quality. 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.

The Extension is supported by the state through GRF appropriation item 235511, The Ohio State University Extension Service, which is also used as a match to obtain nearly \$32.9 million each year in federal and county funds. In addition, state funds are used to leverage an additional \$16.8 million each year from grants and philanthropic gifts.

CSU Extension

CSU Extension's mission is "to become a premier community-based outreach and educational program leader that provides a holistic Extension approach to improve the overall conditions facing families in rural and urban communities and addressing agricultural issues in rural and urban locations." To achieve this, CSU Extension has placed a county agent in five of Ohio's major cities or counties. CSU Extension's community approach includes the following strategies: to be adaptive to different community demands and to be specialized in a particular food and agriculture system.

Similar to OSU's Extension item 235511, CSU's GRF appropriation item 235548, Central State Cooperative Extension Services, is used to meet the match necessary for drawing down federal funds.

C3:3: Sea Grants (ALI 235402)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235402, Sea Grants	\$299,250	\$299,250	\$299,250
% change	--	0.0%	0.0%

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 34 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. Approximately 40% of this funding goes to competitive grants for agency and academic scientists to conduct research on the ecology and economy of Lake Erie and its watershed. According to DHE, state funds leverage about \$1.4 million annually in federal funds. The program also supports extension agents as well as workshops, field trips, and conferences at Stone Laboratory, which was founded in 1895 as Ohio's Lake Erie laboratory and is the oldest freshwater biological field station in the U.S.

Category 4: 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.

C4:1: Ohio Technical Centers (ALI 235444)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Ohio Central School System	\$480,855	\$507,181	\$519,081
OTC assistance	\$48,000	\$48,000	\$48,000
OTCs providing business consultation with matching local dollars	\$2,809,343	\$3,000,000	\$3,000,000
Remainder – Ohio Technical Centers	\$16,865,802	\$17,754,939	\$18,243,039
GRF ALI 235444 total:	\$20,204,000	\$21,310,120	\$21,810,120
% change	--	5.5%	2.4%

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 allocate formula funds to OTCs according to a performance-based funding model as follows:

- 50% based on job placement;
- 25% based on program completion;
- 20% based on retention (participants completing half of program hours);
- 5% based on industry-recognized credentials.

The funding model is the same as that used in prior years except that the budget reduces the amount each OTC is guaranteed to receive from 65% of the average allocation received in the last three fiscal years (excluding the 5% allocation based on industry-recognized credentials) to 50%. This line item also contains several earmarks.

C4:2: Adult Basic and Literacy Education (ALIs 235443 and 235641)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235443, Adult Basic and Literacy Education – State	\$7,083,344	\$7,083,344	\$7,083,344
% change	--	0.0%	0.0%
3120 ALI 235641, Adult Basic and Literacy Education – Federal	\$15,071,316	\$17,600,000	\$17,600,000
% change	--	16.8%	0.0%
Total Adult Basic and Literacy Education:	\$22,154,660	\$24,683,344	\$24,683,344
% change	--	11.4%	0.0%

GRF appropriation item 235443, Adult Basic and Literacy Education – State provides the state match for the federal Aspire (formerly Adult Basic and Literacy Education (ABLE)) Program grants appropriated in line item 235641, Adult Basic and Literacy Education – Federal. The Aspire 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. A funding cap of 5% is in place for administrative costs. DHE awards Aspire funds to local grantees through a competitive grant process approximately every three years.

C4:3: Appalachian New Economy Workforce Partnership (ALI 235428)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Mahoning Valley Innovation and Commercialization Center	\$450,000	\$500,000	\$500,000
Remainder – Appalachian New Economy Workforce Partnership	\$3,641,600	\$3,541,600	\$3,541,600
GRF ALI 235428 total:	\$4,091,600	\$4,041,600	\$4,041,600
% change	--	-1.2%	0.0%

Generally, 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 Partnership (ANEP) 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. ANEP'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. ANEP also provides workshops, marketing strategies for distressed communities, and consultation services in planning, marketing, finance, and information systems. The budget earmarks \$500,000 in each fiscal year from this line item to the Mahoning Valley Innovation and Commercialization Center.

C4:4: Program and Project Support (ALI 235533)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Ohio Aerospace Institute's Space Grant Consortium	\$675,000	\$500,000	\$500,000
Ashland University Military and Veterans Resource Center Project	\$0	\$487,925	\$0
Youngstown State University Mahoning Valley Workforce Partnership	\$0	\$200,000	\$0

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Emmanuel Christian Academy Unmanned Aviation STEM Pilot Program	\$112,500	\$125,000	\$125,000
Kent State University Rising Scholars Program	\$90,000	\$100,000	\$100,000
Wright State University Clearance Ready Program	\$0	\$100,000	\$100,000
University of Cincinnati Hillel	\$25,200	\$28,000	\$28,000
MAGNET Early College Early Career Program	\$180,000	\$0	\$0
Seeds of Literacy – Cleveland	\$112,500	\$0	\$0
GRF ALI 235533 total:	\$1,195,200	\$1,540,925	\$853,000
% change	--	28.9%	-44.6%

This appropriation item supports various higher education and workforce development programs at several higher education and other schools throughout the state, including:

- \$500,000 in each fiscal year for the Ohio Aerospace Institute's (OAI) Space Grant Consortium. The Ohio Space Grant Consortium is one of 52 consortia in the 50 states, the District of Columbia, and Puerto Rico that receive federal funding from the National Aeronautics and Space Administration (NASA) to support and enhance STEM education through scholarships, fellowships, curriculum enhancement, and faculty development, as well as pre-college and informal public service education projects in an effort to expand opportunities for Americans to understand and participate in NASA projects. Ohio's consortium, led by OAI, consists of 18 universities and six community colleges, the NASA Glenn Research Center, the Air Force Research Laboratory, and education outreach partners, including the Cincinnati Observatory and the Drake Planetarium and Science Center in Norwood;
- \$487,925 in FY 2022 for the Ashland University Military and Veterans Resource Center Project. According to the University, the Center provides veterans transitioning from military service to campus life with support services, including recruitment, admissions, registration and GI Bill processing, financial aid, academic advising, accessibility services, mental health counseling, and career development;
- \$200,000 in FY 2022 to Youngstown State University to provide for initial staffing of the Mahoning Valley Workforce Partnership;
- \$125,000 in each fiscal year to support the expansion of an unmanned aviation STEM pilot program at Emmanuel Christian Academy for public and nonpublic high school students in Clark County;
- \$100,000 in each fiscal year for the Kent State University (KSU) Rising Scholars Program. The program provides a select group of bright but at-risk middle and high school students in areas near certain KSU regional campuses with weekly mentoring from KSU students, summer academic skills workshops, and biannual one-day career connection workshops for students from seventh grade through high school graduation. Students that complete

the program and elect to enroll in higher education are eligible for a scholarship that covers the cost of tuition at the KSU regional branch;

- \$100,000 in each fiscal year for the Clearance Ready Program at Wright State University;
- \$28,000 in each fiscal year for Cincinnati Hillel at the University of Cincinnati (UC). Cincinnati Hillel is a Jewish student organization that offers a broad range of social, cultural, religious, and personal growth experiences through various programming, education, and community service.

C4:5: Co-Op Internship Program (ALI 235591)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Ohio University Voinovich School	\$731,250	\$165,000	\$165,000
Washington Center Internship Program	\$111,800	\$150,000	\$150,000
Wright State University Model U.N. Program and Center for Liberal Arts Student Success	\$67,500	\$75,000	\$75,000
Ohio State University John Glenn College of Public Affairs	\$56,250	\$62,500	\$62,500
University of Akron Bliss Institute of Applied Politics	\$56,250	\$62,500	\$62,500
Miami University Center for Public Management and Regional Affairs	\$45,000	\$50,000	\$50,000
Cleveland State University Center for the Advancement of Women in Public Service at the Maxine Goodman Levin College of Urban Affairs	\$45,000	\$50,000	\$50,000
University of Cincinnati Internship Program	\$45,000	\$50,000	\$50,000
Kent State University Washington Program in National Issues	\$45,000	\$50,000	\$50,000
Kent State University Columbus Program	\$0	\$50,000	\$50,000
University of Toledo Urban Affairs Center	\$45,000	\$50,000	\$50,000
Bowling Green State University Center for Regional Development	\$45,000	\$50,000	\$50,000
Shawnee State University Institute for Appalachian Public Policy	\$0	\$25,000	\$25,000
Youngstown State University Center for Urban and Regional Studies	\$45,000	\$0	\$0
GRF ALI 235591 total:	\$1,338,050	\$890,000	\$890,000
% change	--	-33.5%	0.0%

This appropriation item provides funding for public policy schools and centers for internships at various public universities through the earmarks listed above.

C4:6: Rural University Program (ALI 235598)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235598, Rural University Program	\$500,000	\$400,000	\$400,000
% change	--	-20.0%	0.0%

This line item supports the Rural University Program, a collaboration of Bowling Green State University, Kent State University, Miami University, and Ohio University, that provides rural communities with economic development, public administration, and public health services. Each of the four participating universities receives \$100,000 in each fiscal year to support their respective programs.

C4:7: Workforce and Higher Education Programs (ALI 235616)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5RA0 ALI 235616, Workforce and Higher Education Programs	\$0	\$1,000,000	\$1,000,000
% change	--	N/A	0.0%

This line item supports the STEM Entrepreneurship and Innovation Program for Students to Help Develop Ohio's Future Workforce. The funds will be distributed to the Ohio Academy of Science, in collaboration with Entrepreneurial Engagement Ohio, for the continuing development and implementation of recommendations of the Ohio Board of Regents that seek to create an innovation pathway between Ohio's K-12 education system and Ohio's colleges and universities and postsecondary career centers and vocational schools. The program must include the following:

- A comprehensive professional development program for teachers in grades 7-12 to help them develop a "Culture of Innovation" in their schools;
- In-school STEM Innovation and Entrepreneurship programs and STEM Commercialization Plan and STEM Business Plan competitions for students in grades 7-12;
- Mentoring programs in collaboration with Ohio colleges and universities and other innovation or entrepreneurship organizations, with a special emphasis on underserved urban and rural schools;
- A statewide STEM Commercialization Plan and STEM Business Plan competition, open to the winners of related local high school competition award winners, that includes scholarships to attend any Ohio college, university, postsecondary career center, or vocational school;
- A statewide STEM Scholarship Program that awards scholarships of up to \$2,500 to students in grades 11 and 12 in each Ohio Senate and Ohio House of Representatives district to attend any Ohio college, university, postsecondary career center, or vocational

school. The program must also introduce participating students to DHE's Choose Ohio First Scholarship Program;

- A requirement that all aspects of the program be open to any Ohio high school, junior high school, or middle school student, with an emphasis on minority, rural, and economically disadvantaged students; and
- Collaboration with Ohio's colleges and universities, and existing STEM, innovation, and entrepreneurship programs to implement these provisions and encourage enrollment at Ohio institutions of postsecondary and higher education.

The budget requires the Director of OBM, on July 1, 2021, or as soon as possible thereafter, to transfer \$2.0 million cash from the GRF to the Workforce and Higher Education Programs Fund (Fund 5RA0).

C4:8: MAGNET Apprenticeship Program (ALI 235649)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5JCO ALI 235649, MAGNET Apprenticeship Program	\$0	\$200,000	\$200,000
% change	--	N/A	0.0%

This line item supports the development and implementation of an apprenticeship program administered through the Manufacturing Advocacy and Growth Network's (MAGNET) Early College Early Career Program. The budget requires the program to place high school students in a participating local private business that will employ the student and provide the training necessary for the student to earn a technical certification in computer integrated manufacturing, machining, or welding. In FY 2020 and FY 2021, the MAGNET apprenticeship program was supported by an earmark of \$200,000 from GRF line item 235533, Program and Project Support.

C4:9: OhioCorps Program (ALI 235594)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5UK0 ALI 235594, OhioCorps Program	\$18,000	\$150,000	\$0
% change	--	733.3%	-100.0%

The OhioCorps Program provides eligible at-risk students living in Ohio with guidance to a pathway to higher education through mentorship programs operated by public universities and community and technical colleges. Under the program, an "at-risk" student is at least 13 years old and (1) is eligible for a free or reduced price lunch, (2) would have an expected family contribution of \$0, as determined by the Free Application for Federal Student Aid (FAFSA), in grade 12, or (3) is impacted by family opioid addiction or has entered into recovery for opioid addiction. Each mentorship program must consist of a service-learning component for students enrolled at each participating institution that will allow those students to mentor and assist at-risk middle and high school students, and their parents, on a variety of topics, including

preparing for college and career planning, tutoring, and opioid and drug education programs. OhioCorps also authorizes a one-time college scholarship of \$1,000 for at-risk participants that complete the program, enroll in a state institution of higher education, and meet other academic and community service requirements.

To support the program in FY 2022, the budget requires the Director of OBM, on July 1, 2021, or as soon as possible thereafter, to transfer up to \$150,000 cash from the GRF to the OhioCorps Fund (Fund 5UK0). The budget also permits the unused balance of line item 235594 at the end of FY 2021 to be reappropriated in FY 2022 to continue to support the mentorship programs and scholarships. OhioCorps is prohibited from adding new students after the 2020-2021 academic year and will cease to exist at the conclusion of the 2021-2022 academic year. Each student that is otherwise eligible to receive a scholarship under OhioCorps will receive \$1,000 upon conclusion of the 2021-2022 academic year.

The budget also earmarks up to \$50,000 in fiscal year 2022 to be used by the Chancellor of Higher Education to implement and administer OhioCorps.

C4:10: Carl D. Perkins Grant/Plan Administration (ALI 235612)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
3120 ALI 235612, Carl D. Perkins Grant/Plan Administration	\$873,730	\$1,350,000	\$1,350,000
% change	--	54.5%	0.0%

The federal Carl D. Perkins Strengthening Career and Technical Education for the 21st Century Act (referred to as Perkins V) 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 Perkins V is to integrate academic knowledge and technical skill development and to raise the academic performances of all career-technical students.

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

Category 5: Medical Support

This category of appropriations provides support to Ohio's medical, dental, and veterinary education programs and bolsters Ohio's health industry.

C5:1: Clinical Teaching (ALIs 235536, 235537, 235538, 235539, 235540, and 235541)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235536, The Ohio State University Clinical Teaching	\$9,185,494	\$9,185,494	\$9,185,494
% change	--	0.0%	0.0%
GRF ALI 235537, University of Cincinnati Clinical Teaching	\$7,869,944	\$8,334,944	\$8,334,944
% change	--	5.9%	0.0%
GRF ALI 235538, University of Toledo Clinical Teaching	\$5,888,670	\$5,888,670	\$5,888,670
% change	--	0.0%	0.0%
GRF ALI 235539, Wright State University Clinical Teaching	\$2,860,830	\$2,860,830	\$2,860,830
% change	--	0.0%	0.0%
GRF ALI 235540, Ohio University Clinical Teaching	\$2,765,651	\$2,765,651	\$2,765,651
% change	--	0.0%	0.0%
GRF ALI 235541, Northeast Ohio Medical University Clinical Teaching	\$2,844,469	\$2,844,469	\$2,844,469
% change	--	0.0%	0.0%

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. 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.

H.B. 166 earmarked \$350,000 in each of FY 2020 and FY 2021 from line item 235537 to support the People Working Cooperatively for the Whole Home Innovation Center to administer programming, conduct research and training, and convene multi-disciplinary experts to assess and adopt strategies to help Ohioans remain in their home. The budget increases this earmark to \$500,000 in each fiscal year and repurposes it to support the People Working Cooperatively for the Safe and Healthy at Home Initiative to make critical home modifications and emergency repairs for low-income and elderly homeowners and for health care and housing partnerships to address chronic housing-related health care issues.

C5:2: The Ohio State University College of Veterinary Medicine Supplement (ALI 235569)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235569, The Ohio State University College of Veterinary Medicine Supplement	N/A	\$4,000,000	\$5,000,000
% change	--	N/A	25.0%

This new appropriation item provides supplemental support for education, research, and operations at the College of Veterinary Medicine at Ohio State University (OSU). According to its website, the College implemented a five-year strategic plan in July 2018 that involves the following six key goals: (1) to be the learning and working environment of choice at OSU and in the veterinary community, (2) to advance education and student success, (3) to be a national and global leader in animal and human health as a top research-funded college of veterinary medicine, (4) to be the model for excellence in academic veterinary medicine and the referral center of choice, (5) to increase outreach and community engagement locally, within Ohio, and throughout the world, and (6) to achieve financial sustainability by focusing on creative solutions to funding challenges while enhancing student, faculty, and staff outcomes.

C5:3: Family Practice (ALI 235519)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235519, Family Practice	\$3,007,876	\$3,007,876	\$3,007,876
% change	--	0.0%	0.0%

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. The budget continues to require funds from item 235519 to be distributed in each fiscal year based on each medical school's share of residents placed in a family practice and graduates practicing in a family practice.

C5:4: Case Western Reserve University School of Medicine (ALI 235515)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235515, Case Western Reserve University School of Medicine	\$2,038,940	\$2,038,940	\$2,038,940
% change	--	0.0%	0.0%

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 detailing the students participating in health and health care initiatives; the health, health care, and medical areas addressed at CWRU; and the progress made in delivery of the community curriculum in the preceding year.

C5:5: Primary Care Residencies (ALI 235526)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235526, Primary Care Residencies	\$1,425,000	\$1,425,000	\$1,425,000
% change	--	0.0%	0.0%

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. The budget continues to require funds from item 235526 to be distributed in each fiscal year based on each medical school's share of residents placed in a primary care field and graduates practicing in a primary care field.

C5:6: Northeast Ohio Medical University Dental School (ALI 235495)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235495, Northeast Ohio Medical University Dental School	\$0	\$0	\$1,000,000
% change	--	--	N/A

This new appropriation item will be distributed to the Northeast Ohio Medical University (NEOMED) to support the creation of its dental school. The school must meet all of the accreditation standards of the Commission on Dental Accreditation to train dental students and award only Doctor of Dental Surgery (D.D.S.) or Doctor of Dental Medicine (D.M.D.) degrees. Prior to the distribution of funds from item 235495, NEOMED must submit a plan describing the creation of its dental school to the Chancellor. If the Chancellor approves the plan, the Chancellor must seek Controlling Board approval to disburse the funds. NEOMED must match any moneys it receives from the state and report to the Chancellor on how it is using moneys it receives from item 235495.

C5:7: Area Health Education Centers Program Support (ALI 235474)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235474, Area Health Education Centers Program Support	\$873,000	\$873,000	\$873,000
% change	--	0.0%	0.0%

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.

C5:8: The Ohio State University Clinic Support (ALI 235572)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235572, The Ohio State University Clinic Support	\$728,206	\$728,206	\$728,206
% change	--	0.0%	0.0%

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.

C5:9: Geriatric Medicine (ALI 235525)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235525, Geriatric Medicine	\$496,043	\$496,043	\$496,043
% change	--	0.0%	0.0%

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.

C5:10: Kent State University College of Podiatric Medicine Clinic Subsidy (ALI 235543)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235543, Kent State University College of Podiatric Medicine Clinic	\$500,000	\$450,000	\$500,000
% change	--	-10.0%	11.1%

This appropriation item provides state funding for the Kent State University College of Podiatric Medicine (KSUCPM). General activities supported by these funds include faculty interaction with small groups of medical students, faculty supervision of medical students in a clinical setting, faculty skills development, and clinical simulation programs. KSU acquired the Ohio College of Podiatric Medicine (OCPM) and renamed it KSUCPM, in 2012. KSUCPM offers a four-year, graduate-level program leading to a Doctor of Podiatric Medicine degree. KSUCPM's campus is located in Independence, a suburb of Cleveland.

C5:11: Long-Term Care Research (ALI 235558)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235558, Long-Term Care Research	\$309,035	\$309,035	\$309,035
% change	--	0.0%	0.0%

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.

Medical education post-graduation residency reports

The budget continues to require the institutions of higher education receiving the funds described above (with the exception of NEOMED for line item 235495, Kent State University for line item 235543, and OSU College of Veterinary Medicine for line item 235569) in support of their medical schools to report to the Chancellor the residency status of graduates that were supported by moneys from their respective items one year and five years after graduating.

C5:12: Nursing Loan Program (ALI 235606)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
6820 ALI 235606, Nursing Loan Program	\$889,275	\$1,116,842	\$1,116,842
% change	--	25.6%	0.0%

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 \$1,600 per year to students intending to serve as registered nurses and of at least \$5,000 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 canceled 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 canceled 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.

Category 6: 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.

C6:1: Ohio Supercomputer Center (ALI 235510)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235510, Ohio Supercomputer Center	\$4,278,800	\$4,294,160	\$4,422,984
% change	--	0.4%	3.0%

This appropriation item supports the operations of the Ohio Supercomputer Center (OSC), located at the Ohio State University. 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. OSC is also available to researchers in private industry on a cost-recovery basis. OSC users can access high-performance computing (HPC), including OSC's modeling and simulation services and support. 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.

During the past several years, the Center has expanded to provide training, scientific computing, and network research services to national HPC and networking groups, enhancing the services offered to Ohio users while building a national reputation. The two most recent capital appropriations acts provided over \$13 million in funding for new supercomputing and storage systems that significantly increase computing power and storage capacity. OSC is a member of OH-Tech, Ohio's statewide higher education technology consortium, along with eStudent Services, OhioLINK, and the Ohio Academic Resources Network (OARnet).

C6:2: Air Force Institute of Technology (ALI 235508)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Aerospace Professional Development Center	\$67,500	\$75,000	\$75,000
Remainder – Air Force Institute of Technology	\$1,495,887	\$1,749,219	\$1,788,387
GRF ALI 235508 total:	\$1,563,387	\$1,824,219	\$1,863,387
% change	--	16.7%	2.1%

Generally, 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 Defense Associated Graduate Student Innovators (DAGSI) Program, formerly known as the Dayton Area Graduate Studies Institute. 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.

The budget also earmarks \$75,000 in each fiscal year to the Aerospace Professional Development Center (APDC) in Dayton for statewide workforce development services in the aerospace industry. APDC works with the aerospace and defense community to attract and connect high-tech job seekers to jobs across Ohio.

C6:3: Federal Research Network (ALI 235578)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235578, Federal Research Network	\$0	\$4,950,000	\$4,950,000
5JC0 ALI 235654, Federal Research Network	\$4,950,000	\$0	\$0
Federal Research Network total:	\$4,950,000	\$4,950,000	\$4,950,000
% change	--	0.0%	0.0%

This appropriation item funds a collaboration between the Ohio State University; federal installations in Ohio; public 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 will 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.

The budget shifts these activities to the GRF. In the FY 2020-FY 2021 biennium, they were funded by Fund 5JC0 line item 235654, Federal Research Network.

C6:4: Research Incentive Third Frontier (ALIs 235634 and 235639)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Water quality improvement	\$2,000,000	\$2,500,000	\$2,500,000
Spinal cord research	\$1,247,809	\$1,500,000	\$1,500,000
Infant mortality reduction	\$1,000,000	\$1,000,000	\$1,000,000
Opiate addiction	\$927,137	\$1,000,000	\$1,000,000
Cyber-security initiatives	\$749,864	\$750,000	\$750,000
I-Corps@Ohio Program	\$300,000	\$300,000	\$300,000
Ohio Innovative Exchange Program	\$197,055	\$200,000	\$200,000
Remainder – collaborative research proposals	\$0	\$750,000	\$750,000
Fund 7011 ALI 235634 and Fund 7014 ALI 235639 total:	\$6,421,865	\$8,000,000	\$8,000,000
% change	--	24.6%	0.0%

Overall, the budget appropriates \$5.0 million in each fiscal year from Fund 7011 line item 235634, Research Incentive Third Frontier, and \$3.0 million in each fiscal year from Fund 7014 line item 235639, Research Incentive Third Frontier – Tax. Of the \$8.0 million in combined appropriations for these items each fiscal year, \$7.25 million (91%) each fiscal year is earmarked to support both research on specified topics and certain programs, each of which are listed in the table above. The following briefly describes the two specific organizations or programs receiving funding. The I-Corps@Ohio Program, an initiative of DHE modeled after the National Science Foundation’s I-Corps Program, assists 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 Ohio Innovation Exchange Program (OIEx) provides a statewide research expertise portal and data-sharing model that highlights Ohio’s biomedical and engineering faculty. OIEx’s goal is aimed at enhancing inter-institutional collaborations, resource sharing, and improvement of industry collaboration, product development, and technology commercialization.

The remaining \$750,000 (9%) in each fiscal year, will fund collaborative research proposals at Ohio’s research universities through the Research Incentive Third Frontier Program. The program 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.

C6:5: Education, Research, Development, and Dissemination (ALI 235577)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
3120 ALI 235577, Education, Research, Development, and Dissemination	\$2,194	\$25,691	\$25,691
% change	--	1,071.2%	0.0%

This line item supports a research project conducted by DHE and the RAND Corporation on the effectiveness of Ohio’s stackable credential pathways in health, manufacturing, and information technology (IT). Stackable credential pathways are sequences of aligned credentials that connect from short-term certificates to a bachelor’s degree and beyond in a chosen field.

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.

C7:1: OhioLINK (ALI 235507)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235507, OhioLINK	\$5,723,448	\$5,654,164	\$5,752,427
% change	--	-1.2%	1.7%

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 approximately 45 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.

C7:2: Technology Maintenance and Operations (ALI 235417)

Earmark	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
Ohio Reach	\$135,000	\$150,000	\$150,000
Remainder – eStudent Services, HEI system, Information Technology Solutions	\$3,394,088	\$3,380,641	\$3,486,561
GRF ALI 235417 total:	\$3,529,088	\$3,530,641	\$3,636,561
% change	--	0.0%	3.0%

Generally, 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 line item 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 OARnet, OhioLINK, and the Ohio Supercomputer Center (OSC). The budget also requires a portion of line item 235417 in each fiscal year be used for the Higher Education Information (HEI) system. This system holds public and private institutional data in the areas of facilities, faculty-staff, academic programs, enrollment, financials, and financial aid. These funds are to be used to implement a high priority data warehouse, advanced analytics, and visualization integration services. Funding for the upgrades and maintenance of the HEI system was appropriated in S.B. 310 of the 133rd General Assembly, the current capital budget act. Additionally, the budget earmarks \$150,000 in each fiscal year to support Ohio Reach to provide mentoring and support services to former foster youth attending college.

C7:3: Ohio Academic Resources Network (ALI 235556)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235556, Ohio Academic Resources Network	\$2,978,512	\$2,915,605	\$2,978,512
% change	--	-2.1%	2.2%

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. Program funds are provided to Ohio's state-assisted campuses for improving research, distance learning, education and economic development programs, and maintaining and enhancing network connections, including base operations and expansions for enhanced connectivity, functionality, and services. The budget also 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.

C7:4: Articulation and Transfer (ALI 235406)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235406, Articulation and Transfer	\$1,776,475	\$1,818,947	\$1,873,515
% change	--	2.4%	3.0%

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 the articulation of credit from high schools, high school career-technical programs, and Ohio Technical Centers to public institutions of higher education. In the 2019-2020 academic year, over 30,000 students transferred between Ohio's institutions. 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.

C7:5: Library Depositories (ALI 235555)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235555, Library Depositories	\$1,326,762	\$1,310,702	\$1,326,762
% change	--	-1.2%	1.2%

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 highly efficient storage and delivery services for the public universities' expanded print collection and make them available to students, faculty, and researchers at all OhioLINK institutions.

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 2020, the five depositories held more than 7.5 million items, representing over 17% of the total number of items in the OhioLINK electronic library system. On average, the depositories are filled to 86% of capacity, though some depositories are more full than others. To address capacity issues, depository staff review holdings for duplicate materials and remove them at a greater rate than new materials are added. The budget continues to permit OhioLINK to administer the program at the direction of the Chancellor.

C7:6: Midwest Higher Education Compact (ALI 235408)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235408, Midwest Higher Education Compact	\$115,000	\$116,725	\$118,476
% change	--	1.5%	1.5%

This line item supports Ohio's membership dues to the Midwestern Higher Education Compact's (MHEC) commission for the next two fiscal years. MHEC 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. MHEC is charged with promoting interstate cooperation and resource sharing in higher education through cost savings programs, student access (including reduced tuition), and policy research.

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

Category 8: Planning and Coordination

This category of appropriations provides DHE and state-assisted institutions of higher education with operational and administrative support to perform efficiently and effectively.

C8:1: Operating Expenses (ALI 235321)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235321, Operating Expenses	\$4,994,620	\$5,742,147	\$5,914,411
% change	--	15.0%	3.0%

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. In addition to these services, the line item supports the operations and maintenance of the Higher Educational Information (HEI) system and the administration of the Research Incentive Program.

C8:2: Campus Safety and Training (ALI 235492)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235492, Campus Safety and Training	\$454,082	\$612,000	\$630,360
% change	--	34.8%	3.0%

This appropriation item provides support for the “Changing Campus Culture” Program aimed at ending sexual violence on Ohio’s college campuses. In the current biennium, the line item will be used to continue developing model best practices in line with emerging trends, research, and evidence-based trainings.

C8:3: Program Approval and Reauthorization (ALI 235614)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
2200 ALI 235614, Program Approval and Reauthorization	\$399,253	\$800,485	\$825,000
% change	--	100.5%	3.1%

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.

The appropriation is supported 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. The total number of reviews per year can vary depending on the institutions’ circumstances. DHE is responsible for authorizing approximately 114 independent nonprofit institutions, for-profit career colleges and schools, and all degree-granting programs. The appropriation will also be used for ongoing maintenance of a database system for tracking program approvals.

C8:4: State and Non-Federal Grants and Award (ALI 235650)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5FR0 ALI 235650, State and Non-Federal Grants and Award	\$769,655	\$1,402,150	\$1,402,150
% change	--	82.2%	0.0%

This line item is used to spend the proceeds of various temporary nonfederal grants. The grants typically focus on various completion, retention, and student success initiatives.

C8:5: Conferences/Special Purposes (ALI 235675)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5D40 ALI 235675, Conferences/Special Purposes	\$334,015	\$1,000,000	\$1,000,000
% change	--	199.4%	0.0%

This appropriation item is supported by registration fees paid by 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 Educational Technology Conference, and for the purposes specified by gifts and bequests.

C8:6: Sales and Services (ALI 235603)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
4560 ALI 235603, Sales and Services	\$156,000	\$199,250	\$199,250
% change	--	27.7%	0.0%

This appropriation item covers the costs of producing official publications and delivering services associated with DHE's Higher Education Information (HEI) system, as well as miscellaneous meeting expenses. Spending from this line item varies considerably from year to year. The line item is supported by the proceeds from HEI-related goods and services, conference fees, and the sale of publications that are deposited into Fund 4560.

Category 9: Ohio Tuition Trust Authority

This category of appropriations provides support for the operations and activities of the Ohio Tuition Trust Authority (OTTA) and Ohio's 529 college savings program oversight. 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 CollegeAdvantage 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. In addition, 529 account owners are permitted to use distributions from 529 plans to pay K-12 tuition and other education expenses up to \$10,000 per student, per year, for enrollment at public or private elementary and secondary schools. Beginning January 1, 2020, expenses associated with principal and interest payments on certain qualified loans for an account's beneficiary or the beneficiary's siblings and certain apprenticeship programs registered and certified by the Secretary of Labor under the National Apprenticeship Act are included as a "qualified education expense" under a plan. Taxpayers may claim a deduction on their state return for contributions made for previously ineligible education expenses.

C9:1: Variable Savings Plan (ALI 235663)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
5P30 ALI 235663, Variable Savings Plan	\$7,192,219	\$8,049,501	\$8,159,165
% change	--	11.9%	1.4%

Appropriation item 235663 supports the investment options that are currently open to new enrollments and contributions. The Variable Savings Plan includes four investment managers (BlackRock, Vanguard, Fifth Third Bank, and Dimensional Fund Advisors). BlackRock Investment Management is OTTA's largest investment manager in terms of assets. In addition to advisor-sold options, OTTA has 24 options that investors can buy directly. Currently 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.

C9:2: Guaranteed Savings Plan (ALI 235664)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
6450 ALI 235664, Guaranteed Savings Plan	\$750,399	\$1,035,116	\$1,047,209
% change	--	37.9%	1.2%

The oldest savings plan operated by OTTA, the Guaranteed Savings Plan, offered 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.

Appropriation item 235664 pays for the administrative costs of operating the Guaranteed Savings Plan, which was established in October 1989. The Plan has been suspended for new enrollees since October 8, 2003, and suspended for new contributions to existing accounts since January 1, 2004. 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 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. Program staff will continue to provide the declining number of account holders with required communications, quarterly and annual statements, and tax forms.

Category 10: 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.

C10:1: Higher Education General Obligation Debt Service (ALI 235909)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235909, Higher Education General Obligation Debt Service	\$315,299,591	\$331,000,000	\$301,000,000
% change	--	5.0%	-9.1%

This item provides the funds necessary to make debt service payments during the FY 2022-FY 2023 biennium on general obligation (GO) bonds issued to build and renovate facilities at state-supported colleges and universities throughout the state. In November 1999, Ohio voters approved a constitutional amendment authorizing the state to issue GO bonds for funding higher education's capital projects. GO bonds are backed by the full faith and credit of the state and thus can be issued at lower interest rates than other types of bonds. Since FY 2000, only general obligation bonds have been issued for state-supported higher education capital projects.

C10:2: Capital Component (ALI 235552)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
GRF ALI 235552, Capital Component	\$3,630,087	\$1,584,491	\$1,584,491
% change	--	-56.4%	0.0%

This 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 applicable campuses, these reduced subsidies are deducted from GRF appropriation item 235501, State Share of Instruction, and transferred to the Capital Component appropriation item.

C10:3: Higher Educational Facility Commission Administration (ALI 235602)

Fund/ALI	FY 2021 Actual	FY 2022 Appropriation	FY 2023 Appropriation
4E80 ALI 235602, Higher Educational Facility Commission Administration	\$49,131	\$63,000	\$65,000
% change	--	28.2%	3.2%

This 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.

Each eligible entity pays an application fee for each bond issuance. The fee is deposited in the HEFC Operating Expense Fund (Fund 4610) and used to fund the operations of HEFC. The budget authorizes the transfer of up to the amount appropriated from line item 235602 in both FY 2022 and FY 2023 from Fund 4610 to the HEFC Administration Fund (Fund 4E80) used by DHE, in order to enable DHE to perform HEFC's administrative duties.

HEFC receives a separate appropriation of \$12,500 each fiscal year from Fund 4610 line item 372601, Operating Expenses. This item is mainly used to reimburse Commission members for their actual expenses related to HEFC's official business, including cost of travel and professional development opportunities. Additional details about the Commission and its activities are available in the [LBO Greenbook for HEFC](#).

FY 2022 - FY 2023 Final Appropriations						All Fund Groups		
Line Item Detail by Agency			Appropriations			FY 2021 to FY 2022	Appropriations	FY 2022 to FY 2023
			FY 2020	FY 2021	FY 2022	% Change	FY 2023	% Change
Report For: Main Operating Appropriations Bill			Version: As Enacted					
BOR	Department of Higher Education							
GRF	235321	Operating Expenses	\$ 5,777,531	\$ 4,994,620	\$ 5,742,147	14.97%	\$ 5,914,411	3.00%
GRF	235402	Sea Grants	\$ 284,287	\$ 299,250	\$ 299,250	0.00%	\$ 299,250	0.00%
GRF	235406	Articulation and Transfer	\$ 1,808,897	\$ 1,776,475	\$ 1,818,947	2.39%	\$ 1,873,515	3.00%
GRF	235408	Midwest Higher Education Compact	\$ 115,000	\$ 115,000	\$ 116,725	1.50%	\$ 118,476	1.50%
GRF	235414	Grants and Scholarship Administration	\$ 853,881	\$ 791,834	\$ 850,729	7.44%	\$ 876,251	3.00%
GRF	235417	Technology Maintenance and Operations	\$ 4,168,036	\$ 3,529,088	\$ 3,530,641	0.04%	\$ 3,636,561	3.00%
GRF	235428	Appalachian New Economy Workforce Partnership	\$ 4,041,600	\$ 4,091,600	\$ 4,041,600	-1.22%	\$ 4,041,600	0.00%
GRF	235438	Choose Ohio First Scholarship	\$ 13,770,800	\$ 14,279,520	\$ 25,000,000	75.08%	\$ 28,000,000	12.00%
GRF	235443	Adult Basic and Literacy Education - State	\$ 7,083,344	\$ 7,083,344	\$ 7,083,344	0.00%	\$ 7,083,344	0.00%
GRF	235444	Ohio Technical Centers	\$ 18,922,116	\$ 20,204,000	\$ 21,310,120	5.47%	\$ 21,810,120	2.35%
GRF	235474	Area Health Education Centers Program Support	\$ 851,175	\$ 873,000	\$ 873,000	0.00%	\$ 873,000	0.00%
GRF	235492	Campus Safety and Training	\$ 509,311	\$ 454,082	\$ 612,000	34.78%	\$ 630,360	3.00%
GRF	235495	Northeast Ohio Medical University Dental School	\$ 0	\$ 0	\$ 0	N/A	\$ 1,000,000	N/A
GRF	235501	State Share of Instruction	\$ 1,940,444,439	\$ 2,037,149,490	\$ 2,056,678,116	0.96%	\$ 2,075,761,402	0.93%
GRF	235504	War Orphans and Severely Disabled Veterans' Children Scholarships	\$ 11,915,564	\$ 14,476,778	\$ 14,000,000	-3.29%	\$ 15,500,000	10.71%
GRF	235505	State Share of Instruction Reconciliation	\$ 1,500,000	\$ 0	\$ 0	N/A	\$ 0	N/A
GRF	235507	OhioLINK	\$ 5,723,448	\$ 5,723,448	\$ 5,654,164	-1.21%	\$ 5,752,427	1.74%
GRF	235508	Air Force Institute of Technology	\$ 1,563,387	\$ 1,563,387	\$ 1,824,219	16.68%	\$ 1,863,387	2.15%
GRF	235510	Ohio Supercomputer Center	\$ 4,278,800	\$ 4,278,800	\$ 4,294,160	0.36%	\$ 4,422,984	3.00%
GRF	235511	The Ohio State University Extension Service	\$ 23,854,677	\$ 23,854,677	\$ 24,563,453	2.97%	\$ 24,761,619	0.81%
GRF	235514	Central State Supplement	\$ 11,241,466	\$ 11,241,466	\$ 11,551,202	2.76%	\$ 11,685,515	1.16%
GRF	235515	Case Western Reserve University School of Medicine	\$ 1,987,966	\$ 2,038,940	\$ 2,038,940	0.00%	\$ 2,038,940	0.00%
GRF	235519	Family Practice	\$ 2,932,679	\$ 3,007,876	\$ 3,007,876	0.00%	\$ 3,007,876	0.00%
GRF	235520	Shawnee State Supplement	\$ 3,884,033	\$ 4,037,456	\$ 4,636,500	14.84%	\$ 5,409,250	16.67%
GRF	235525	Geriatric Medicine	\$ 483,642	\$ 496,043	\$ 496,043	0.00%	\$ 496,043	0.00%
GRF	235526	Primary Care Residencies	\$ 1,389,375	\$ 1,425,000	\$ 1,425,000	0.00%	\$ 1,425,000	0.00%
GRF	235533	Program and Project Support	\$ 2,803,850	\$ 1,195,200	\$ 1,540,925	28.93%	\$ 853,000	-44.64%
GRF	235535	Ohio Agricultural Research and Development Center	\$ 35,493,396	\$ 35,493,396	\$ 35,785,072	0.82%	\$ 36,086,454	0.84%

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BOR Department of Higher Education								
GRF	235536	The Ohio State University Clinical Teaching	\$ 8,955,857	\$ 9,185,494	\$ 9,185,494	0.00%	\$ 9,185,494	0.00%
GRF	235537	University of Cincinnati Clinical Teaching	\$ 7,707,320	\$ 7,869,944	\$ 8,334,944	5.91%	\$ 8,334,944	0.00%
GRF	235538	University of Toledo Clinical Teaching	\$ 5,741,453	\$ 5,888,670	\$ 5,888,670	0.00%	\$ 5,888,670	0.00%
GRF	235539	Wright State University Clinical Teaching	\$ 2,789,309	\$ 2,860,830	\$ 2,860,830	0.00%	\$ 2,860,830	0.00%
GRF	235540	Ohio University Clinical Teaching	\$ 2,696,510	\$ 2,765,651	\$ 2,765,651	0.00%	\$ 2,765,651	0.00%
GRF	235541	Northeast Ohio Medical University Clinical Teaching	\$ 2,773,357	\$ 2,844,469	\$ 2,844,469	0.00%	\$ 2,844,469	0.00%
GRF	235543	Kent State University College of Podiatric Medicine Clinic Subsidy	\$ 375,000	\$ 500,000	\$ 450,000	-10.00%	\$ 500,000	11.11%
GRF	235544	STEM Public-Private Partnership Program	\$ 0	\$ 875,000	\$ 0	-100.00%	\$ 0	N/A
GRF	235546	Central State Agricultural Research and Development	\$ 3,734,154	\$ 3,317,860	\$ 4,883,340	47.18%	\$ 4,883,340	0.00%
GRF	235548	Central State Cooperative Extension Services	\$ 3,163,970	\$ 2,854,148	\$ 5,084,568	78.15%	\$ 5,084,568	0.00%
GRF	235552	Capital Component	\$ 3,448,582	\$ 3,630,087	\$ 1,584,491	-56.35%	\$ 1,584,491	0.00%
GRF	235555	Library Depositories	\$ 1,326,762	\$ 1,326,762	\$ 1,310,702	-1.21%	\$ 1,326,762	1.23%
GRF	235556	Ohio Academic Resources Network	\$ 2,923,475	\$ 2,978,512	\$ 2,915,605	-2.11%	\$ 2,978,512	2.16%
GRF	235558	Long-term Care Research	\$ 293,583	\$ 309,035	\$ 309,035	0.00%	\$ 309,035	0.00%
GRF	235563	Ohio College Opportunity Grant	\$ 108,670,998	\$ 101,719,271	\$ 106,756,352	4.95%	\$ 112,500,000	5.38%
GRF	235569	The Ohio State University College of Veterinary Medicine Supplement	\$ 0	\$ 0	\$ 4,000,000	N/A	\$ 5,000,000	25.00%
GRF	235572	The Ohio State University Clinic Support	\$ 710,001	\$ 728,206	\$ 728,206	0.00%	\$ 728,206	0.00%
GRF	235578	Federal Research Network	\$ 0	\$ 0	\$ 4,950,000	N/A	\$ 4,950,000	0.00%
GRF	235591	Co-Op Internship Program	\$ 1,352,700	\$ 1,338,050	\$ 890,000	-33.49%	\$ 890,000	0.00%
GRF	235595	Commercial Truck Driver Student Aid Program	\$ 0	\$ 0	\$ 2,500,000	N/A	\$ 2,500,000	0.00%
GRF	235597	High School STEM Innovation and Ohio College Scholarship and Retention Program	\$ 1,000,000	\$ 900,000	\$ 0	-100.00%	\$ 0	N/A
GRF	235598	Rural University Program	\$ 500,000	\$ 500,000	\$ 400,000	-20.00%	\$ 400,000	0.00%
GRF	235599	National Guard Scholarship Program	\$ 16,424,224	\$ 11,645,152	\$ 19,000,000	63.16%	\$ 19,000,000	0.00%
GRF	235909	Higher Education General Obligation Bond Debt Service	\$ 323,841,676	\$ 315,299,591	\$ 331,000,000	4.98%	\$ 301,000,000	-9.06%
General Revenue Fund Total			\$ 2,606,111,633	\$ 2,683,810,500	\$ 2,757,416,530	2.74%	\$ 2,760,735,757	0.12%
2200	235614	Program Approval and Reauthorization	\$ 567,851	\$ 399,253	\$ 800,485	100.50%	\$ 825,000	3.06%
4560	235603	Sales and Services	\$ 68,102	\$ 156,000	\$ 199,250	27.72%	\$ 199,250	0.00%
4E80	235602	Higher Educational Facility Commission Administration	\$ 47,992	\$ 49,131	\$ 63,000	28.23%	\$ 65,000	3.17%
5CV1	235557	COVID Response - Higher Education Mental Health	\$ 0	\$ 5,000,000	\$ 0	-100.00%	\$ 0	N/A

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BOR Department of Higher Education								
5CV1	235677	Coronavirus Relief Fund Public Higher Education Residential	\$ 0	\$ 141,123,261	\$ 0	-100.00%	\$ 0	N/A
5CV1	235678	Coronavirus Relief Fund Independent Higher Education	\$ 0	\$ 78,245,910	\$ 0	-100.00%	\$ 0	N/A
5CV1	235679	Coronavirus Relief Fund Public Higher Education	\$ 0	\$ 80,573,928	\$ 0	-100.00%	\$ 0	N/A
5D40	235675	Conference/Special Purposes	\$ 836,854	\$ 334,015	\$ 1,000,000	199.39%	\$ 1,000,000	0.00%
5FR0	235650	State and Non-Federal Grants and Award	\$ 890,065	\$ 769,655	\$ 1,402,150	82.18%	\$ 1,402,150	0.00%
5JC0	235649	MAGNET Apprenticeship Program	\$ 0	\$ 0	\$ 200,000	N/A	\$ 200,000	0.00%
5JC0	235654	Federal Research Network	\$ 4,702,500	\$ 4,950,000	\$ 0	-100.00%	\$ 0	N/A
5NH0	235517	Short-Term Certificates	\$ 873,000	\$ 0	\$ 3,500,000	N/A	\$ 3,500,000	0.00%
5NH0	235684	OhioMeansJobs Workforce Development Revolving Loan Program	\$ 29,230	\$ 0	\$ 0	N/A	\$ 0	N/A
5P30	235663	Variable Savings Plan	\$ 6,743,425	\$ 7,192,219	\$ 8,049,501	11.92%	\$ 8,159,165	1.36%
5RA0	235616	Workforce and Higher Education Programs	\$ 0	\$ 0	\$ 1,000,000	N/A	\$ 1,000,000	0.00%
5UK0	235594	OhioCorps Program	\$ 0	\$ 18,000	\$ 150,000	733.33%	\$ 0	-100.00%
5Y50	235618	State Financial Aid Reconciliation	\$ 313,653	\$ 729,698	\$ 0	-100.00%	\$ 0	N/A
5YD0	235494	Second Chance Grant Pilot Program	\$ 0	\$ 0	\$ 3,000,000	N/A	\$ 0	-100.00%
6450	235664	Guaranteed Savings Plan	\$ 741,476	\$ 750,399	\$ 1,035,116	37.94%	\$ 1,047,209	1.17%
6820	235606	Nursing Loan Program	\$ 861,933	\$ 889,275	\$ 1,116,842	25.59%	\$ 1,116,842	0.00%
Dedicated Purpose Fund Group Total			\$ 16,676,079	\$ 321,180,744	\$ 21,516,344	-93.30%	\$ 18,514,616	-13.95%
7011	235634	Research Incentive Third Frontier	\$ 3,464,697	\$ 3,511,383	\$ 5,000,000	42.39%	\$ 5,000,000	0.00%
7014	235639	Research Incentive Third Frontier - Tax	\$ 3,006,081	\$ 2,910,482	\$ 3,000,000	3.08%	\$ 3,000,000	0.00%
Bond Research and Development Fund Group Total			\$ 6,470,778	\$ 6,421,865	\$ 8,000,000	24.57%	\$ 8,000,000	0.00%
3120	235577	Education, Research, Development, and Dissemination	\$ 6,182	\$ 2,194	\$ 25,691	1,071.21%	\$ 25,691	0.00%
3120	235611	Gear-up Grant	\$ 1,735,597	\$ 1,376,522	\$ 2,000,000	45.29%	\$ 2,000,000	0.00%
3120	235612	Carl D. Perkins Grant/Plan Administration	\$ 1,177,809	\$ 873,730	\$ 1,350,000	54.51%	\$ 1,350,000	0.00%
3120	235641	Adult Basic and Literacy Education - Federal	\$ 14,889,591	\$ 15,071,316	\$ 17,600,000	16.78%	\$ 17,600,000	0.00%
3BG0	235651	Gear Up Grant Scholarships	\$ 1,698,088	\$ 1,505,842	\$ 1,750,000	16.21%	\$ 1,750,000	0.00%
3HQ0	235509	GEER - Higher Education Initiatives	\$ 0	\$ 1,655,924	\$ 0	-100.00%	\$ 0	N/A
3HQ0	235512	Governor's Emergency Education Relief - Higher Education Mental Health	\$ 0	\$ 1,057,895	\$ 0	-100.00%	\$ 0	N/A
3N60	235658	John R. Justice Student Loan Repayment Program	\$ 53,877	\$ 0	\$ 70,000	N/A	\$ 70,000	0.00%

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BOR Department of Higher Education						
Federal Fund Group Total	\$ 19,561,144	\$ 21,543,421	\$ 22,795,691	5.81%	\$ 22,795,691	0.00%
Department of Higher Education Total	\$ 2,648,819,634	\$ 3,032,956,529	\$ 2,809,728,565	-7.36%	\$ 2,810,046,064	0.01%