DRAFT

**Office of the Chancellor
Pennsylvania's State System of Higher Education
Procedures and Standards for University Operations**

**Procedure/Standard Number 2022-55
Allocation Formula Methodology**

Approved by: _____ **Date:** ___7-19-2022____

History:

Revised:

Related Policies, Procedures, or Standards:
Policy 1984-06-A: Allocation Formula

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I.   **Introduction**

This procedure/standard describes the method by which the Board of Governors distributes the Pennsylvania State System of Higher Education's Educational and General (E&G) appropriation to universities and Systemwide initiatives.

II.   **Definitions**

Allocation Available to be Distributed—The General Fund State Appropriation less portions of the appropriation allocated by the Board of Governor's for System-wide initiatives, programs, and entities, used to calculate the components of the appropriation formula calculation distributed to universities.

Educational and General (E&G)—All activities and resources that support the educational mission of the System or university, including unrestricted functions of instruction, research, public service, academic support, institutional support, scholarship and fellowship, and operations and maintenance of plant activities. Auxiliary and restricted activities are excluded.

Formula Component Definitions:

The definitions listed below include all the indicators identified within the policy as well as additional definitions needed for this procedures document. The Allocation Formula Section and Appendix A provide the methodology by which each allocation element is calculated.

   Core Operations—The core operations component of the formula is designed to provide funding to cover expenses associated with running a university, regardless of the number of students, as well as differentiate by the mission and integration status. The core operations component is scaled to reflect a higher core funding

component for universities with fewer students and a lower component for universities with higher enrollments, recognizing some economy of scale as well as balancing the enrollment-driven components of the formula. The core operations shall differentiate for PhD-granting universities, to acknowledge the higher cost of producing research doctorates, and for recently integrated universities, to acknowledge the partial duplication of student services required across the three geographical regions.

> **Unique Mission Multiplier**—The unique mission assigns a multiplier to a university's core operations amount to recognize if they are PhD granting, to acknowledge the higher cost of producing research doctorates. Indiana University of Pennsylvania (24 P.S. Section 20-2003-A(a)), is currently the only entity with this multiplier.

> **Integrating University Factor**—The integrating university factor is assigned to a university's core operations amount to recognize if they are an integrating university and are maintaining multiple full-service physical locations that include student-facing and certain duplicative administrative services such as athletics, police and safety, and facilities. This factor is calculated to capture the integrating operations approach for Pennsylvania Western University and Commonwealth University.

Full-Time Equivalent (FTE) Student—The total credit hours attempted, throughout all terms within a fiscal year, divided by 30 for undergraduate and 24 for graduate students. Clock-hour enrollment is converted to credit hours based upon national standards. FTE calculations for purposes of the allocation formula include both in- and out-of-state students. This includes all degree and non-degree credit bearing students.

Headcount Student—Administrative counts of students, based on the definition of Enrolled Student end of the 15th day of classes. Headcount calculations for the purpose of the allocation formula include both in- and out-of-state students. This includes only degree seeking students.

Under-Represented Minority (URM)—Students identified as American Indian or Alaska Native, Black or African America, Hispanic, and Two or More Races calculated as a headcount measure.

Pell-Eligible Recipient—Students in receipt of a Pell grant disbursement (of greater than $0) in the fall term calculated as a headcount measure.

Progress-to-Degree—Bachelor's degree-seeking student's level, based on the cumulative number of credits that they have earned. First-year = 0-29 credits, Sophomore = 30-59 credits, Junior = 60-89 credits, Senior = 90+ credits, calculated as a headcount measure.

Program Level—Degree-seeking student enrollment determined by the award associated with the program in which they are enrolled for the reporting term. Includes enrollments for Associate (e.g., AA, AAS), Baccalaureate (e.g., BA, BS, BSED), Master's (e.g., MA, MBA, MS), Doctoral (e.g., PHD, EDD), and First Professional Degree (e.g., PSYD, PharmD), calculated as a headcount measure.

System Entity—A university of the Pennsylvania State System of Higher Education or the Office of the Chancellor.

III. **Funding of Systemwide Initiatives, Programs, and Entities**

The Board of Governors annually allocates a portion of the E&G appropriation for Systemwide initiatives, programs, and entities.

A. Annually, the Board of Governors will determine what, if any, Systemwide initiatives are to be funded from the E&G appropriation. Systemwide initiatives may include but are not limited to professional development funds, replenishment of the System Reserve, and the Internal Audit and Risk Assessment Program.

B. The Office of the Chancellor will be funded annually at 0.5 percent of the E&G appropriation, as authorized in Act 188.

IV. **Allocation Formula Calculation**

The amount of appropriation available for distribution is allocated to the System universities through an allocation formula which is comprised of two components: Core Operations and Enrollment-Driven.

Core Operations Formula Component—The core operations values are established to reflect a higher core funding component for universities with fewer students and a lower component for universities with higher enrollments. This distinction serves to balance the funding allocation associated with the enrollment formula components and recognizes the fixed costs associated with running a university, regardless of the number of students.

The core operations component shall not exceed 25 percent of the total appropriations allocated to the universities, and any decrease beyond 0.5 percentage points from the 25 percent requirement shall require Board approval, as outlined in the Policy.

A. **Core Operations Levels**—Universities are provided an appropriation amount associated with Core Operations using a calculation that places them into one of five levels based on their two-year average Fall FTE enrollment.

The scale is as follows:

Levels	2-Year Average Fall Full-Time Equivalent (FTE) Enrollment	Percentage of Base
Level 1	<1,000	144%
Level 2	1,000 – 5,000	122%
Level 3 (Base)	5,000 – 10,000	100%
Level 4	10,000 – 15,000	56%
Level 5	>15,000	11%

Based on changes to total enrollment calculations for 2-Year average full-time equivalent (FTE) students (Fall), a university may change levels and thus their amount of core operations will be changed to the new level. To receive this adjustment, the university must increase or decrease their 2-Year Average FTEs greater than 200 FTEs.

B. **Multipliers and factors**—In order to address the unique mission of PhD-granting universities as well as the unique multiple full campus operational needs of Pennsylvania Western and Commonwealth Universities, a scaled approach will be used to increase the base to provide for additional costs associated with core operations.

   Unique Mission Multiplier—The unique mission assigns a multiplier of 1.4 to the core operations component to recognize if a university is PhD-granting. The formula recognizes the additional resources that are required to offer PhD level programs, including their focus on research, as compared to other doctoral level programs that focus on application and practice. To determine the total core operations component funding level, the university's base core operations amount, the base core operations funding level associated with that university's enrollment level, is multiplied by 1.4; for example, a $9,000,000 core operations funding level multiplied by 1.4 equals $12,600,000.

   Integrated University Factor—The base core operations component for integrated universities is calculated based on the two-year average fall FTE enrollment of the three individual campus locations of the integrated university used in the new allocation formula the year it is implemented.

   The integrated university factor is set based on a 33 percent reduction in the core operations amount the integrated university would have received if the individual campus locations were to receive 100 percent of their core operations component. If an integrated university has an enrollment change that moves the university between levels, their core operations component will be calculated based on the dollar amount change (plus or minus) between levels, with the integrated university factor maintained.

C. **Core Operations Changes**—The Core Operations component is apportioned in a manner that funds each scaled funding level noted in the chart above, as well as the Unique Mission Multiplier and the Integrated University Factor. The appropriation amounts associated with the Core Operations component shall be adjusted according to the scale and weights above such that they reflect 25 percent of the allocation available to distribute to universities.

   Should multiple universities shift their enrollment levels such that a significant variation in core operations funding results, the calculation shall be reviewed with the ELG to determine any associated procedure adjustments, while adhering to the Policy parameters of 24.5 - 25.0 percent for core operations funding.

Enrollment-Driven Formula Components—The enrollment-driven portion of the allocation formula comprises the remaining percentage of the total appropriation allocated to universities, approximately 75 percent, and is comprised of five components, calculated according to the following approach:

> Allocation available to be distributed to universities
> Multiplied by: approximately 75%
> = Amount for Enrollment-Driven Formula Components

A description of each of the five enrollment-driven components is outlined below with a full example calculation provided in Appendix A: Appropriation Allocation Methodology and Calculations.

A. **Base FTE Enrollment Component**—The base enrollment-driven component is the largest component of enrollment-driven portion of the formula and reflects 80 percent of the enrollment-driven formula component which is 75 percent of the total amount allocated by the formula

   The average Fall census FTE of the last two completed fall semesters shall be used as the basis of calculation, which provides a fixed amount per student to each university. The amount to be appropriated will establish the amount per student that each university will receive for this component, and is calculated as follows:

   Amount for Enrollment-Driven Formula Components
   Multiplied by: 80%
   = Amount for Base FTE Enrollment Component

   Divided by: System Total two-year average Fall FTE Enrollment
   = Amount per student for Base FTE Enrollment

   Multiplied by: University's two-year average Fall FTE Enrollment
   = University's allocation for Base FTE Enrollment Component

B. **Under-Represented Minority (URM) Enrollment Component**—The average Headcount of under-represented minority students at each university from the last two completed Fall semesters shall be used as the basis of calculation for the URM component of the formula, calculated as follows:

   Amount for Enrollment-Driven Formula Components
   Multiplied by: 5%
   = Amount for URM Enrollment Component

   Divided by: System Total two-year average Fall URM Headcount Enrollment
   = Amount per student for URM Enrollment Component

   Multiplied by: University's Two-year average Fall URM Headcount Enrollment
   = University's allocation for URM Enrollment Component

C. **Pell-Grant Eligible Enrollment Component**—The average Headcount of Pell-Grant Eligible students at each university for the most recent two fall semesters available shall be used as the basis of calculation for the Pell component of the formula. The Pell formula information will utilize data on a one-year lag compared to that used for other Enrollment Components due to availability of this information. This component is calculated as follows:

> Amount for Enrollment-Driven Formula Components
> Multiplied by: 5%
> = Amount for Pell-Grant Eligible Enrollment Component
>
> Divided by: System Total two-year average Fall Pell-Grant Eligible Headcount Enrollment
> = Amount per student for Pell-Grant Eligible Enrollment Component
>
> Multiplied by: University's two-year Average Fall Pell-Grant Eligible Headcount Enrollment
> = University's allocation for Pell-Grant Eligible Enrollment Component

D. **Progress-to-Degree Weighted Enrollment Component**—The weighted average Fall Headcount of bachelor-degree seeking students at each university from the last two completed fall semesters shall be used as the basis of calculation for the Progress-to-Degree component of the formula, with associated weights to reflect increased support levels, calculated as follows:

> Amount for Enrollment Formula Components
> Multiplied by: 5%
> = Amount for Progress-to-Degree Component
>
> University two-year average Headcount Enrollment by Progress to Bachelor's Degree Level
> Multiplied by: Weighting Factor by Progress Level:
>> First-Year – 1.0
>> Sophomore – 1.0
>> Junior – 1.3
>> Senior – 1.3
>
> = University's weighted average enrollment by progress-to-degree level
>
> Amount for Progress-to-Degree Component
> Divided by: System Total weighted average enrollment by progress-to-degree level
> = Amount per weighted average student for Progress-to-Degree Component
>
> Multiplied by: University's weighted average enrollment by progress-to-degree level
> = University's allocation for Progress-to-Degree Level Enrollment Component

E. **Program-Level Weighted Enrollment Component**—The weighted average Fall Headcount enrollment at each university from the last two completed fall semesters shall be used as the basis of calculation for the Program-Level component of the formula, with associated weights to reflect increased support levels, calculated as follows:

    Amount for Enrollment Formula Components
    Multiplied by: 5%
    = Amount for Program-Level Component

    University two-year average Headcount Enrollment by Program-Level
    Multiplied by: Weighting Factor by Program Level:
        Associate's – 1.00
        Bachelor's – 1.00
        Master's – 1.22
        Doctoral – 1.22
        First Professional Degree – 1.22

    = University's weighted average enrollment by program level by university

    Amount for Program-Level Component
    Divided by: System Total weighted average enrollment by Program-level
    = Amount per weighted average student for Program-level Component

    Multiplied by: University's weighted average enrollment by Program-level
    = University's allocation for Program-Level Enrollment Component

V.   **Annual Appropriation Adjustments**

The calculations described in Section IV, Allocation Formula Calculation, assign percentages of the allocation available to be distributed. Enrollment-driven components and funding levels are updated annually. Accordingly, the actual amounts for each allocation component will adjust up or down each year for adjustments to these variables.

VI.   **Review Cycles**

The allocation formula policy and procedure will be reviewed within five years by the Executive Leadership Group for its continued appropriateness.

If at any point application of the formula violates the principles under which the formula was established, an immediate review by the ELG will be conducted. Any changes recommended that deviate from the Policy must be approved by the Board of Governors.

Any changes to these Allocation Formula procedures, standards, and guidelines shall be promulgated by the chancellor after consultation with the ELG (Executive Leadership Group) and Board of Governors.

VII.   **Implementation**

This procedure will take effect in FY 2022-23. The fiscal year 2022-23 funding for the State System is $552,470,000, an increase of approximately 16 percent, therefore, the results for each university is an increase beyond their planned appropriation levels.

Transition - The Integrating University savings factor of 33 percent as outlined within this procedure is a result of review by ELG sub-group. An objective external analysis based on cost expected a savings factor of approximately 25 percent to 27 percent. While the 33 percent savings factor will be implemented with the allocation formula, it will be kept under review as real cost savings are identified through experience over the implementation period, which runs through FY 2025-26. In the meantime, the difference between 33 percent and 25 percent will be considered as multi-year transition costs to be met with SERS funding.

FY 2022/23 transition funding includes $1.8M for Commonwealth University and $2.6M for Pennsylvania Western University and will be kept under review in light of true costs.

Effective Date— July 19, 2022

Appendix A[1]:

Appropriation Allocation Methodology and Calculations

[1]Appendix to System Procedure/Standard 2022-55: Allocation Formula Methodology

Process Timeline

Annually, the System Office will obtain the necessary data and perform draft calculations that will be shared with universities in accordance with the following estimated timeframes:

Preliminary student data for all categories will be available by no later than December each year; a draft run of the allocation formula for the upcoming fiscal year will be run in January each year, based on the current level of state appropriations the State System is receiving. Final student data for all categories will be available in March each year; another draft run of the allocation formula will be run for the upcoming fiscal year, based on the Governor's recommendation of state appropriations for the State System, or any other amounts as deemed necessary.

Funding of Systemwide Initiatives, Programs, and Entities

The Board of Governors annually allocates a portion of the E&G appropriation for Systemwide initiatives, programs, and entities.

A. Annually, the Board of Governors will determine what, if any, Systemwide initiatives are to be funded from the E&G appropriation. Systemwide initiatives may include but are not limited to professional development funds, replenishment of the System Reserve, and Internal Audit and Risk Assessment Program.

B. The Office of the Chancellor will be funded annually at 0.5 percent of the E&G appropriation, as authorized in Act 188.

All remaining funds will be allocated to universities, using the following methodology.

Enrollment

Enrollment figures are sourced from the university-submitted data files, as required and defined by the Annual Data Collection Plan. The data is moved from the submission environment to the SAP Business Warehouse for reporting. Enrollment figures represent either full-time equivalent (FTE) or headcount for the prior two completed fall semesters, with one exception. Enrollments for Pell-eligible students have a one-year lag, due to availability of data.

Core Operation Component

The core operations values are established to reflect a higher core funding component for universities with fewer students and a lower component for universities with higher enrollments. This distinction serves to balance the funding allocation associated with the enrollment formula components and recognizes the fixed costs associated with running a university, regardless of the number of students.

The core operations component shall not exceed 25 percent of the total appropriations allocated to the universities, and any decrease beyond 0.5 percentage points from the 25 percent requirement shall require Board approval, as outlined in the Policy.

The enrollment level of each university shall be established by the 2-year average Fall Full-Time Equivalent (FTE) enrollment (see below).

Fall FTE Enrollment

University	Fall 2020				Fall 2021				2-Year Average Fall 2020 and Fall 2021
	UG FTE	GR FTE	Clock Hour FTE	Total Fall FTE	UG FTE	GR FTE	Clock Hour FTE	Total Fall FTE	
Bloomsburg	7,061.07	442.92		7,503.99	6,523.47	426.00		6,949.47	7,226.73
California	4,140.67	1,194.92		5,335.59	3,833.27	1,166.75		5,000.02	5,167.80
Cheyney	601.50			601.50	628.40			628.40	614.95
Clarion	3,137.27	435.29		3,572.56	2,687.00	382.83		3,069.83	3,321.20
East Stroudsburg	4,632.07	480.33		5,112.40	3,951.20	437.50		4,388.70	4,750.55
Edinboro	2,849.30	719.17		3,568.47	2,609.40	698.25		3,307.65	3,438.06
Indiana	7,052.80	982.88	228.86	8,264.54	6,300.73	988.92	258.70	7,548.35	7,906.44
Kutztown	6,410.73	500.08		6,910.81	6,114.67	491.92		6,606.58	6,758.70
Lock Haven	2,484.10	373.75		2,857.85	2,272.47	381.83		2,654.30	2,756.08
Mansfield	1,601.20	2.75		1,603.95	1,501.13	4.58		1,505.71	1,554.83
Millersville	5,515.10	512.50		6,027.60	5,269.87	480.17		5,750.03	5,888.82
Shippensburg	4,817.73	417.50		5,235.23	4,376.53	423.58		4,800.12	5,017.67
Slippery Rock	7,231.40	989.83		8,221.23	6,765.80	1,000.85		7,766.65	7,993.94
West Chester	13,912.33	1,699.63		15,611.96	13,376.30	1,785.00		15,161.30	15,386.63
System Total	71,447.27	8,751.55	228.86	80,427.68	66,210.23	8,668.18	258.70	75,137.11	77,782.39
Commonwealth	11,146.37	819.42	0.00	11,965.79	10,297.06	812.42	0.00	11,109.48	11,537.64
PennWest	10,127.24	2,349.38	0.00	12,476.62	9,129.67	2,247.83	0.00	11,377.50	11,927.06

Levels	2-Year Average Fall Full-Time Equivalent (FTE) Enrollment	Percentage of Base	Core Operations Amount
Level 1	<1,000	144%	$15,425,520
Level 2	1,000 – 5,000	122%	$13,052,364
Level 3	5,000 – 10,000	100%	$10,679,209
Level 4	10,000 – 15,000	56%	$5,932,899
Level 5	>15,000	11%	$1,186,578

Unique Mission Multiplier –
To determine the total core operations component funding level, the university's base core operations amount, the base core operations funding level associated with that university's enrollment level, is multiplied by 1.4.

For example, a $10,679,209 core operations funding level multiplied by 1.4 equals $14,950,893.

Integrated University Factor-

The base Core Operations component for the integrated universities is based on the 2-year average fall FTE enrollment of the three individual campus locations of the integrated university used in the new allocation formula the year it is implemented. The integrated university factor is set based on a 33 percent reduction in the amount the integrated university would have received, if the individual campus locations were to receive 100 percent of their core operations component.

For example, the initial integrated university factor would be calculated as below:

	Commonwealth	PennWest
Campus Location #1	$10,679,209	$10,679,209
Campus Location #2	13,052,364	13,052,364
Campus Location #3	13,052,364	13,052,364
Total Core Operations	$36,783,937	$36,783,937
Funding 67% of each location	$24,645,238	$24,645,238

Enrollment Formula Components—The enrollment-driven portion of the formula
represents approximately 75 percent of the appropriation available for distribution and is comprised of five components:

Base FTE Enrollment Component—The base enrollment component is the largest component of the enrollment-driven portion of the formula and reflects 80 percent of the enrollment-driven formula components. It is allocated based on the average fall census FTE enrollment at each university from the last two completed fall semesters.

Fall FTE Enrollment

University	Fall 2020				Fall 2021				2-Year Average Fall 2020 and Fall 2021
	UG FTE	GR FTE	Clock Hour FTE	Total Fall FTE	UG FTE	GR FTE	Clock Hour FTE	Total Fall FTE	
Bloomsburg	7,061.07	442.92		7,503.99	6,523.47	426.00		6,949.47	7,226.73
California	4,140.67	1,194.92		5,335.59	3,833.27	1,166.75		5,000.02	5,167.80
Cheyney	601.50			601.50	628.40			628.40	614.95
Clarion	3,137.27	435.29		3,572.56	2,687.00	382.83		3,069.83	3,321.20
East Stroudsburg	4,632.07	480.33		5,112.40	3,951.20	437.50		4,388.70	4,750.55
Edinboro	2,849.30	719.17		3,568.47	2,609.40	698.25		3,307.65	3,438.06
Indiana	7,052.80	982.88	228.86	8,264.54	6,300.73	988.92	258.70	7,548.35	7,906.44
Kutztown	6,410.73	500.08		6,910.81	6,114.67	491.92		6,606.58	6,758.70
Lock Haven	2,484.10	373.75		2,857.85	2,272.47	381.83		2,654.30	2,756.08
Mansfield	1,601.20	2.75		1,603.95	1,501.13	4.58		1,505.71	1,554.83
Millersville	5,515.10	512.50		6,027.60	5,269.87	480.17		5,750.03	5,888.82
Shippensburg	4,817.73	417.50		5,235.23	4,376.53	423.58		4,800.12	5,017.67
Slippery Rock	7,231.40	989.83		8,221.23	6,765.80	1,000.85		7,766.65	7,993.94
West Chester	13,912.33	1,699.63		15,611.96	13,376.30	1,785.00		15,161.30	15,386.63
System Total	71,447.27	8,751.55	228.86	80,427.68	66,210.23	8,668.18	258.70	75,137.11	77,782.39
Commonwealth	11,146.37	819.42	0.00	11,965.79	10,297.06	812.42	0.00	11,109.48	11,537.64
PennWest	10,127.24	2,349.38	0.00	12,476.62	9,129.67	2,247.83	0.00	11,377.50	11,927.06

For example, if, after funding Systemwide initiatives and the Core Operations component, $410,000,000 is available for distribution through the enrollment-driven components, 80 percent would be allocated based on the 2-year average fall FTE enrollment.

$410,000,000
x 80% =
$328,000,000 - Total amount to be allocated by Base FTE.

$328,000,000
÷ 77,782.39 =
$4,217 – Funding per FTE student

$4,217
x 614.95 2-year average fall FTE =
$2,593,178 University allocation for Base FTE enrollment component

Note: actual calculations use unrounded funding per FTE student amounts.

Under-Represented Minority (URM) Enrollment Component—Five percent of the amount available in the Enrollment Component of the formula will be allocated to universities based on the average headcount of URM students at each university from the last two completed fall semesters.

Fall Headcount URM Enrollment			
University	Fall 2020	Fall 2021	2-Year Average
Bloomsburg	1,374.00	1,170.00	1,272.00
California	1,292.00	1,161.00	1,226.50
Cheyney	591.00	620.00	605.50
Clarion	570.00	494.00	532.00
East Stroudsburg	2,130.00	1,852.00	1,991.00
Edinboro	434.00	441.00	437.50
Indiana	1,859.00	1,671.00	1,765.00
Kutztown	1,570.00	1,559.00	1,564.50
Lock Haven	358.00	318.00	338.00
Mansfield	340.00	291.00	315.50
Millersville	1,471.00	1,349.00	1,410.00
Shippensburg	1,470.00	1,345.00	1,407.50
Slippery Rock	969.00	861.00	915.00
West Chester	3,715.00	3,760.00	3,737.50
System Total	18,143.00	16,892.00	17,517.50
Commonwealth	2,072.00	1,779.00	1,925.50
PennWest	2,296.00	2,096.00	2,196.00

For example, if, after funding Systemwide initiatives and the Core Operations component, $410,000,000 is available for distribution through the enrollment-driven components, 5 percent would be allocated based on the 2-year average fall headcount enrollment of URM students.

$410,000,000
x 5% =
$20,500,000 - Total amount to be allocated by URM students.

$20,500,000
÷ 17,518 =
$1,170 – Funding per URM student

$1,170
x 3,737.50 2-year average fall URM headcount =
$4,373,840 University allocation for URM student component

Note: actual calculations use unrounded funding per FTE student amounts.

Pell-Grant Eligible Enrollment Component—Five percent of the amount available in the Enrollment Component of the formula will be allocated to universities based on the average headcount of Pell-eligible students at each university from the most recent two fall semesters available. The Pell-grant eligible student data has a one-year lag compared to that used for other Enrollment components, due to availability of this information.

Fall Headcount Pell Grant Award Headcount

University	Number of Pell Recipients		
	Fall 2019	Fall 2020	2-Year Average
Bloomsburg	2,535.00	2,280.00	2,407.50
California	1,957.00	1,720.00	1,838.50
Cheyney	420.00	436.00	428.00
Clarion	1,472.00	1,290.00	1,381.00
East Stroudsburg	2,207.00	1,936.00	2,071.50
Edinboro	1,348.00	1,158.00	1,253.00
Indiana	3,198.00	2,805.00	3,001.50
Kutztown	2,334.00	2,236.00	2,285.00
Lock Haven	1,031.00	900.00	965.50
Mansfield	774.00	762.00	768.00
Millersville	1,897.00	1,755.00	1,826.00
Shippensburg	1,737.00	1,682.00	1,709.50
Slippery Rock	2,318.00	2,195.00	2,256.50
West Chester	3,683.00	3,583.00	3,633.00
System Total	26,911.00	24,738.00	25,824.50
Commonwealth	4,340.00	3,942.00	4,141.00
PennWest	4,777.00	4,168.00	4,472.50

For example, if, after funding Systemwide initiatives and the Core Operations component, $410,000,000 is available for distribution through the enrollment-driven components, 5 percent would be allocated based on the 2-year average fall headcount enrollment of Pell-eligible students.

$410,000,000
x 5% =
$20,500,000 - Total amount to be allocated by Pell-eligible students.

$20,500,000
÷ 25,824.5 =
$794 – Funding per Pell-eligible student

$794
x 3,001.50 2-year average fall headcount of Pell-eligible students =
$2,383,191 University allocation for Pell-Eligible student component

Note: actual calculations use unrounded funding per FTE student amounts.

Progress-to-Degree Weighted Enrollment Component—Five percent of the amount available in the Enrollment Component of the formula will be allocated to universities based on the weighted average headcount of bachelor-degree seeking students at each university from the last two completed fall semesters. A weighting factor will be added for each student classified as a Junior or Senior (defined as earning 60-89 credits or 90+ credits, respectively).

Weights are assigned as follows:
First-Year – 1.0
Sophomore – 1.0
Junior – 1.3
Senior – 1.3

Fall Headcount Enrollment of Bachelor Degree Seeking Students by Academic Level

	Fall 2020				Fall 2021			
	First-Year	Sophomore	Junior	Senior	First-Time	Sophomore	Junior	Senior
Bloomsburg	2,304	1,771	1,613	1,641	1,996	1,548	1,623	1,545
California	1,167	840	975	1,415	1,012	818	875	1,329
Cheyney	306	111	97	107	286	141	101	101
Clarion	959	717	672	805	682	665	663	730
East Stroudsburg	1,409	1,098	1,163	1,256	1,097	945	1,036	1,191
Edinboro	850	635	565	793	811	610	565	657
Indiana	2,428	1,557	1,714	1,787	2,175	1,479	1,422	1,680
Kutztown	2,004	1,450	1,577	1,699	2,000	1,406	1,519	1,560
Lock Haven	764	529	480	583	683	491	457	505
Mansfield	496	298	306	326	430	338	296	308
Millersville	1,550	1,420	1,596	1,756	1,639	1,234	1,400	1,819
Shippensburg	1,694	1,199	1,152	1,074	1,456	1,051	997	1,172
Slippery Rock	1,977	1,741	1,646	1,984	1,834	1,532	1,611	1,864
West Chester	3,770	3,229	3,429	3,995	3,598	3,136	3,455	3,957
System Total	21,678	16,595	16,985	19,221	19,699	15,394	16,020	18,418
Commonwealth	3,564	2,598	2,399	2,550	3,109	2,377	2,376	2,358
PennWest	2,976	2,192	2,212	3,013	2,505	2,093	2,103	2,716

2-Year Average Fall Headcount by Academic Level

University	Fall 2020 and Fall 2021				
	First-Year	Sophomore	Junior	Senior	Total
Bloomsburg	2,150	1,660	1,618	1,593	7,021
California	1,090	829	925	1,372	4,216
Cheyney	296	126	99	104	625
Clarion	821	691	668	768	2,947
East Stroudsburg	1,253	1,022	1,100	1,224	4,598
Edinboro	831	623	565	725	2,743
Indiana	2,302	1,518	1,568	1,734	7,121
Kutztown	2,002	1,428	1,548	1,630	6,608
Lock Haven	724	510	469	544	2,246
Mansfield	463	318	301	317	1,399
Millersville	1,595	1,327	1,498	1,788	6,207
Shippensburg	1,575	1,125	1,075	1,123	4,898
Slippery Rock	1,906	1,637	1,629	1,924	7,095
West Chester	3,684	3,183	3,442	3,976	14,285
System Total	20,689	15,995	16,503	18,820	72,005
Commonwealth	3,337	2,488	2,388	2,454	10,666
PennWest	2,741	2,143	2,158	2,865	9,905

Weights	1.00	1.00	1.30	1.30

2-Year Average Fall Headcount by Academic Level with Weights

University	Fall 2020 and Fall 2021				
	First-Year	Sophomore	Junior	Senior	Total
Bloomsburg	2,150	1,660	2,103	2,071	7,983.80
California	1,090	829	1,203	1,784	4,904.60
Cheyney	296	126	129	135	685.90
Clarion	821	691	868	998	3,377.00
East Stroudsburg	1,253	1,022	1,429	1,591	5,294.40
Edinboro	831	623	735	943	3,130.00
Indiana	2,302	1,518	2,038	2,254	8,111.45
Kutztown	2,002	1,428	2,012	2,118	7,560.75
Lock Haven	724	510	609	707	2,549.75
Mansfield	463	318	391	412	1,584.40
Millersville	1,595	1,327	1,947	2,324	7,192.65
Shippensburg	1,575	1,125	1,397	1,460	5,556.75
Slippery Rock	1,906	1,637	2,117	2,501	8,160.25
West Chester	3,684	3,183	4,475	5,169	16,509.90
System Total	20,689	15,995	21,453	24,465	82,601.60
Commonwealth	3,337	2,488	3,104	3,190	12,117.95
PennWest	2,741	2,143	2,805	3,724	11,411.60

For example, if, after funding Systemwide initiatives and the Core Operations component, $410,000,000 is available for distribution through the enrollment-driven components, 5 percent would be allocated based on the 2-year weighted average fall headcount enrollment of bachelor's-degree seeking students.

$410,000,000
x 5% =
$20,500,000 - Total amount to be allocated by bachelor's-degree seeking students.

$20,500,000
÷ 82,601.60 =
$248 – Funding per average bachelor's degree-seeking student

$248
x 12,117.95 2-year weighted average fall headcount of bachelor's degree seeking students =
$3,005,252 University allocation for Progress to Degree component

Note: actual calculations use unrounded funding per FTE student amounts.

Program-Level Weighted Enrollment Component—Five percent of the amount available in the Enrollment Component of the formula will be allocated to universities based on the weighted average headcount of degree-seeking students at each university from the last two completed fall semesters. A weighting factor will be added for each student enrolled in a Master's, Doctoral, or First Professional level degree program.

Weights will be assigned as follows:
> Associate's – 1.00
> Bachelor's – 1.00
> Master's – 1.22
> Doctoral – 1.22
> First Professional Degree – 1.22

Fall Headcount Enrollment by Level of Degree

University	Fall 2020					Fall 2021				
	Associate's	Bachelor's	Master's	Doctoral	First Professional	Associate's	Bachelor's	Master's	Doctoral	First Professional
Bloomsburg	0	7,329	601	0	57	0	6,712	558	0	62
California	254	4,397	1,733	0	137	231	4,034	1,652	0	140
Cheyney	0	621	0	0	0	0	629	0	0	0
Clarion	287	3,153	840	0	24	323	2,740	733	0	19
East Stroudsburg	0	4,926	662	0	81	0	4,269	587	0	110
Edinboro	152	2,843	1,037	0	28	136	2,643	991	0	21
Indiana	30	7,486	1,158	709	66	16	6,756	1,126	714	65
Kutztown	0	6,730	823	0	43	0	6,485	844	0	43
Lock Haven	208	2,356	419	0	0	225	2,136	445	0	0
Mansfield	189	1,426	11	0	0	117	1,372	12	0	0
Millersville	10	6,322	794	0	52	16	6,092	767	0	52
Shippensburg	0	5,119	666	0	51	0	4,676	655	0	49
Slippery Rock	0	7,348	1,043	98	224	0	6,841	1,043	124	219
West Chester	0	14,423	2,523	166	64	0	14,146	2,602	192	77
System Total	1,130	74,479	12,310	973	827	1,064	69,531	12,015	1,030	857
Commonwealth	397	11,111	1,031	0	57	342	10,220	1,015	0	62
PennWest	693	10,393	3,610	0	189	690	9,417	3,376	0	180

Fall 2020 and Fall 2021 2-Year Average Headcount by Level of Degree						
University	Associate's	Bachelor's	Master's	Doctoral	First Professional	Total Headcount (excludes certificates)
Bloomsburg	0	7,021	580	0	60	7,660
California	243	4,216	1,693	0	139	6,289
Cheyney	0	625	0	0	0	625
Clarion	305	2,947	787	0	22	4,060
East Stroudsburg	0	4,598	625	0	96	5,318
Edinboro	144	2,743	1,014	0	25	3,926
Indiana	23	7,121	1,142	712	66	9,063
Kutztown	0	6,608	834	0	43	7,484
Lock Haven	217	2,246	432	0	0	2,895
Mansfield	153	1,399	12	0	0	1,564
Millersville	13	6,207	781	0	52	7,053
Shippensburg	0	4,898	661	0	50	5,608
Slippery Rock	0	7,095	1,043	111	222	8,470
West Chester	0	14,285	2,563	179	71	17,097
System Total	1,097	72,005	12,163	1,002	842	87,108
Commonwealth	370	10,666	1,023	0	60	12,118
PennWest	692	9,905	3,493	0	185	14,274

Weights	1.00	1.00	1.22	1.22	1.22	
Fall 2020 and Fall 2021 2-Year Average Headcount by Level of Degree with Weights						
University	Associate's	Bachelor's	Master's	Doctoral	First Professional	Total Headcount (excludes certificates)
Bloomsburg	0	7,021	707	0	73	7,800.08
California	243	4,216	2,065	0	169	6,691.82
Cheyney	0	625	0	0	0	625.00
Clarion	305	2,947	960	0	26	4,237.26
East Stroudsburg	0	4,598	762	0	117	5,475.90
Edinboro	144	2,743	1,237	0	30	4,153.97
Indiana	23	7,121	1,393	868	80	9,485.18
Kutztown	0	6,608	1,017	0	52	7,676.83
Lock Haven	217	2,246	527	0	0	2,989.54
Mansfield	153	1,399	14	0	0	1,566.03
Millersville	13	6,207	952	0	63	7,235.65
Shippensburg	0	4,898	806	0	61	5,764.31
Slippery Rock	0	7,095	1,272	135	270	8,772.61
West Chester	0	14,285	3,126	218	86	17,715.14
System Total	1,097	72,005	14,838	1,222	1,027	90,189.32
Commonwealth	370	10,666	1,248	0	73	12,355.65
PennWest	692	9,905	4,261	0	225	15,083.05

For example, if, after funding Systemwide initiatives and the Core Operations component, $410,000,000 is available for distribution through the enrollment-driven components, 5 percent would be allocated based on the 2-year weighted average fall headcount enrollment of degree-seeking students.

$410,000,000
x 5% =
$20,500,000 - Total amount to be allocated by bachelor's-degree seeking students.

$20,500,000
÷ 90,189.32 =
$227 – Funding per average degree-seeking student

$227
x 7,235.65 2-year weighted average fall headcount of degree-seeking students =
$1,642,493 University allocation for Program Level component

Results from the calculations for each of the five enrollment-driven components are added to each university's amount for the Core Operations component to determine the total amount of state appropriations to be allocated to each university.

Note: actual calculations use unrounded funding per FTE student amounts.