



House Appropriations – Education and Environment Division

68th Legislative Assembly
January 12, 2023
Dr. Rod Flanigan, President



We Are
NDSCS

MISSION

The North Dakota State College of Science is a comprehensive, associate degree-granting college founded on a tradition of **quality and integrity**. We deliver **learner-focused education** through a unique and evolving collegiate experience. Using **innovative delivery strategies**, NDSCS anticipates and responds to statewide and regional needs by providing access to occupational/technical programs, transfer programs and workforce training.

LIFE VALUES

- Learning
- Integrity
- Flexibility
- Excellence

NORTH DAKOTA CONSTITUTION

Article VIII, Section 6.1: "c. The school of science, at Wahpeton"





NDSCS Impact

FALL 2022 ENROLLMENT

Total Enrollment	2,942
Wahpeton Based	1428 (48.5%)
Fargo Based	259 (8.8%)
Online Only	197 (6.7%)
Dual Credit	1058 (36.0%)

Enrollment by Program*

Career & Technical Programs	75.5%
Liberal Arts/Transfer	24.5%

**excludes non-degree students*

72%

NORTH DAKOTA STUDENTS

22.5%

MINNESOTA STUDENTS

50.8%

OF STUDENTS LIVE ON-CAMPUS

**excludes Dual Credit and Fargo only*



THE SCIENCE OF SUCCESS.

NDSCS Impact

2022 CAREER PLACEMENT

97% OF 2022 NDSCS GRADUATES ARE EMPLOYED
OR CONTINUING THEIR EDUCATION

30 OF 53
OF ND COUNTIES WERE
FIRST DESTINATIONS FOR
GRADUATES

81%
OF ND STUDENTS
STAYED IN
NORTH DAKOTA

35%
OF NON-ND STUDENTS
STAYED IN
NORTH DAKOTA

\$47,004

AVERAGE ANNUAL
STARTING SALARY

\$3,917

AVERAGE BEGINNING
MONTHLY SALARY

Response from 441 graduates. Information is self-reported.



NDSCS Impact

ACADEMICS

90

CAREER
PATHWAYS

35

ASSOCIATE DEGREE
OPTIONS

8

DIPLOMA OPTIONS

14

CERTIFICATE OPTIONS

14

ACADEMIC PROGRAMS
ARE UNIQUE TO NDSCS

ACADEMIC CLUSTERS

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Business, Finance, Management and Marketing
- Education and Training
- Health Sciences
- Hospitality and Tourism
- Information Technology
- Law, Public Safety, Corrections and Security
- Liberal Arts/Transfer
- Manufacturing
- Transportation



ND career **builders**
Scholarship & Loan Repayment

**NDSCS
Impact**

HELPING OUR
STUDENTS

\$801,440

of \$951,125 committed to currently
enrolled students is for NDSCS (84%)

97

STUDENT MATCHES
TO DATE
2018-Present

70

EMPLOYERS/PARTNERS
IN DATABASE

58

CURRENT
STUDENTS

Students generally leave debt free. Helps students in programs with
high tool costs that are often a barrier.



NDSCS Alumni Foundation

\$27+ MILLION

NDSCS FOUNDATION
ENDOWMENT

\$1.1+ MILLION

SCHOLARSHIP DOLLARS

NDSCS Impact

HELPING OUR
STUDENTS

Challenge Grant

- Continue to maximize Challenge Grant dollars
- Appreciate the opportunity this allows for our donors to maximize their donations to the college and to students
- Last year had \$1.9 million in donations to the Challenge Grant

Career Innovation Center

- Project continues to move forward
- Challenges with inflation and federal funding
- We support the request of the CTE group for additional funding for this project



NDSCS Impact

FY 2021
ECONOMIC
IMPACT*

Direct economic effect from NDSCS operations
(both direct and secondary)

\$84.9 MILLION

Total economic contribution from NDSCS and
student expenditures

\$135 MILLION

Total state tax revenue

\$1.3 MILLION

**Bangsund & Hodur (2022). Economic Contribution of the North Dakota University System in 2020 and 2021. NDSU Agribusiness and Applied Economics Report.*



Partnering For Success

MILLIONS of \$\$
ENTRUSTED EQUIPMENT
COLLEGE-WIDE
FALL 2022



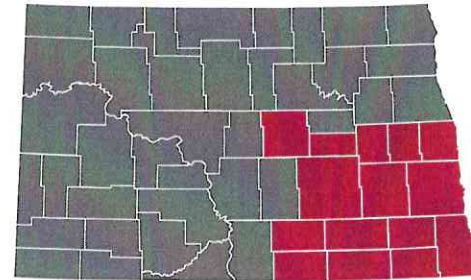
THE SCIENCE OF SUCCESS.

Just a few of our partners:



JOHN DEERE





ANNUAL REPORT

2021-2022 Fiscal Year

41,933

Total Training Hours

1,121

Participants

284

Businesses Served

99%

Satisfaction Level

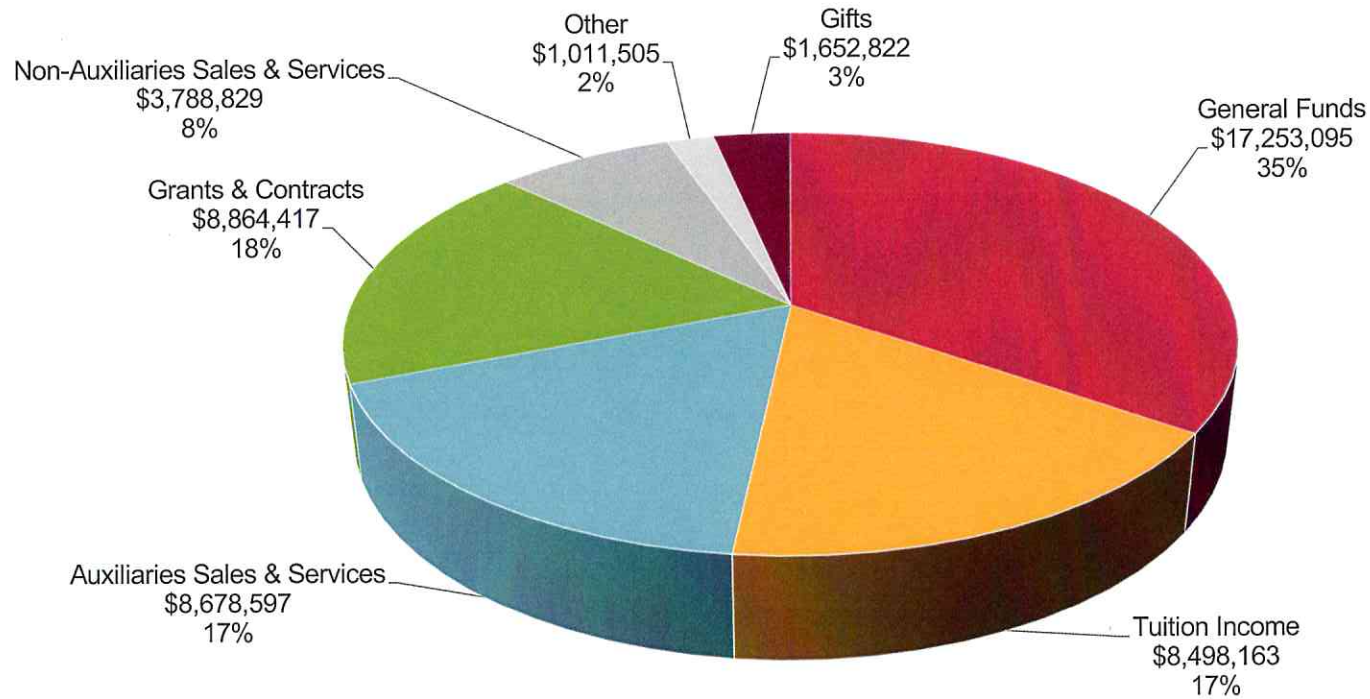
BY THE NUMBERS

FY Comparison	2021	2022
Businesses Served	49	284
Repeat Business	13	165
Training Events	182	283
Participants (unduplicated)	600	1,121
Registrations (duplicated)	715	1,930
Total Training Hours	8,394	41,933
Satisfaction Level	99%	99%
Revenue Generated	\$508,991	\$706,246
State Grant	\$385,480	\$394,610



NDSCS Budget

FY22 REVENUE



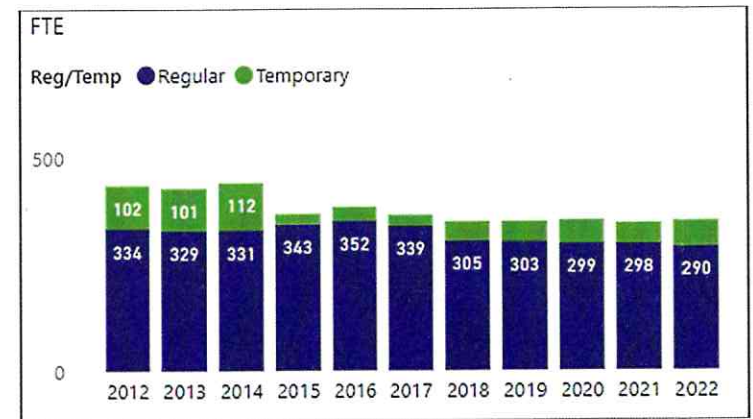
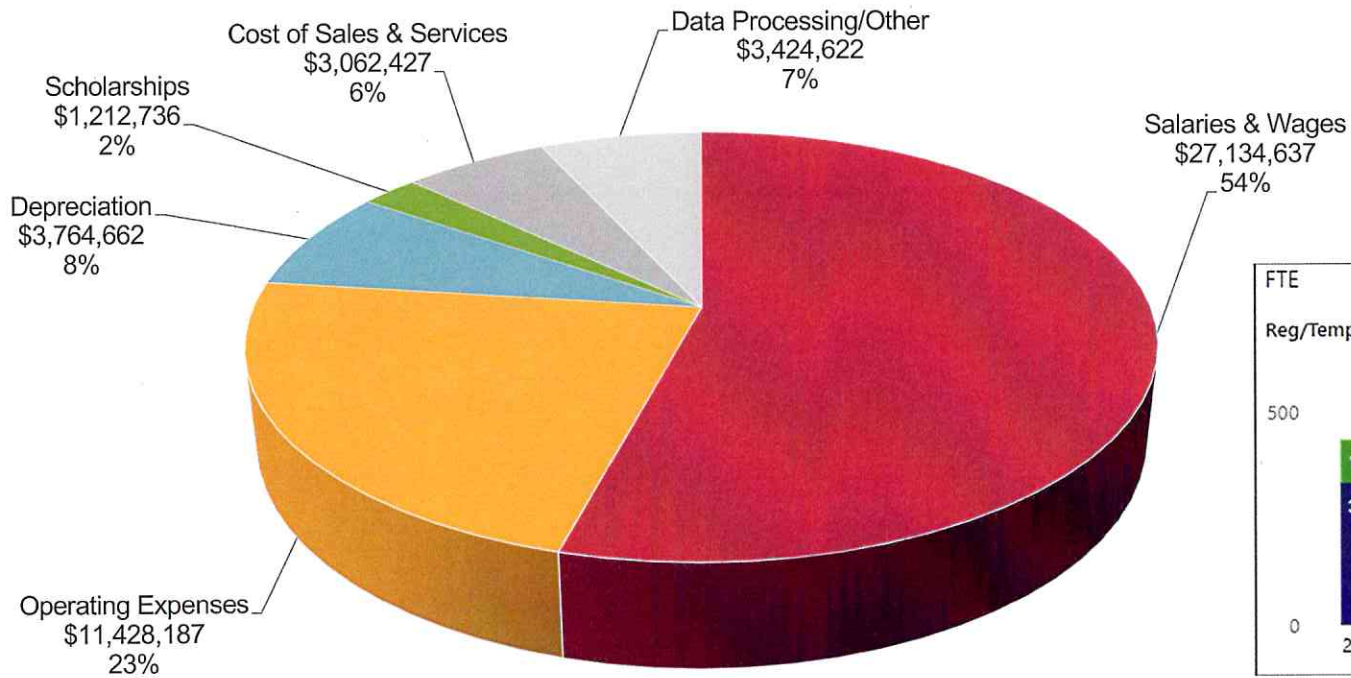
3.8

FY22 Composite
Financial Index



NDSCS Budget

FY22 EXPENDITURES



Comparison of Base Budget

NDUS Institutions Comparison of SBHE General and Special Funds Budget Request to Executive Recommendation	North Dakota State College of Science	
	SBHE 2023-25 GF Budget Request	Executive Recommendation
2021-23 Original General Fund Appropriation	\$ 35,714,792	\$ 35,714,792
Less Tier I Funds	\$ (1,012,379)	\$ (1,012,379)
General Fund Operating	\$ 34,702,413	\$ 34,702,413
Costs to Continue Salaries	\$ 156,925	\$ 156,925
Student Mental Health Initiative	\$ 186,750	\$ -
Base Adjustments - Funding Formula	\$ (4,001,780)	\$ (4,001,780)
Base Adjustments - Minimum Amount Payable (4%)	\$ 2,573,189	\$ 2,573,189
2021-23 Adjusted General Fund Appropriation, Net of Base Adjustments(Needs Based Budget Request)	\$ 33,617,497	\$ 33,430,747
Executive Recommendation Base Increases (Decreases):		
2023-25 Adjustments:		
2023-25 - 6%/4% Salary & Fringe Benefits	\$ -	\$ 1,432,777
Health Insurance increases		\$ 694,903
Total Adjustments	\$ -	\$ 2,127,680
2023-25 Base General Fund Request & Recommendation	\$ 33,617,497	\$ 35,558,426



SWOT Analysis

S

- Strong reputation; 120-year history
- Excellent partnerships with industry/business
- Vocational programs in demand
- 2-year school with a 4-year feel
- Exceptional learning environment for students

W

- Aged infrastructure/buildings
- Unable to fill positions due to location and pay
- 75% of our students are CTE focused, thus we have many high-cost programs

O

- Expand existing partnerships
- Build on our reputation for quality technical education
- Develop new and innovative programs
- Opportunity to grow with our new CIC building

T

- Competition from neighboring states
- Aggressive marketing from others
- Inability to fund deferred maintenance



SHAPING THE FUTURE

NDSCS Priorities



- Precision Ag Capital Project Request
- Funding Formula
- Fully Funded Pay Raises
- Career Innovation Center in Fargo
- Innovation Fund



Precision Ag Capital Project

Funding requested for the expansion of our Precision Agriculture program, and John Deere Tech program

- Repurpose the north wing of the Tech Center to become the focal point for the Ag program.
- Repurpose the existing John Deere Tech lab for the Advanced Precision Ag Tech lab.
- Construct a new John Deere Tech instructional area to adjoin Bisek Hall (Diesel building)
- Both programs continue to grow and are maxed out.
- This program will allow us to address deferred maintenance needs in the building.

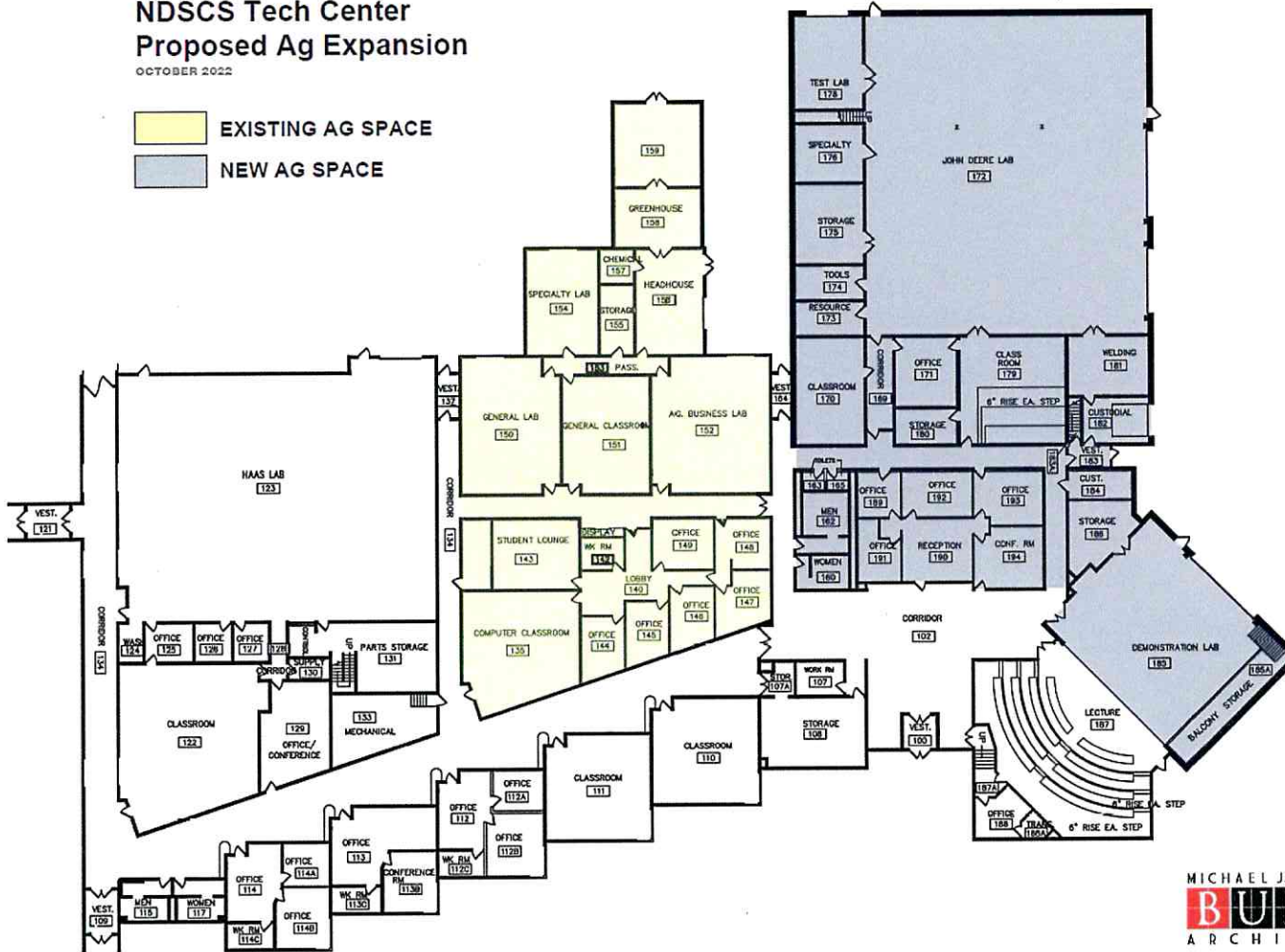




NDCS Tech Center Proposed Ag Expansion

OCTOBER 2022

- EXISTING AG SPACE
- NEW AG SPACE



MICHAEL J.
BURNS
ARCHITECTS LTD

Funding Formula Request

Minimum Amount Payable

We support and request the legislature to re-institute the 'Minimum Amount Payable'. While the original purpose was to "slow funding decreases as credit production dropped", NDSCS was hurt even more when the formula changed by taking away the size factor.

- Request that the 'Minimum Amount Payable' be taken to as close to 0% as fully we can get.

Credit Hour Weighting Matrix

Historically, the funding formula has had minor changes every biennium.

- The institutional size factor was part of the original formula
 - When this size factor was eliminated last biennium, NDSCS was the only institution hurt by the change
- Changes are made to the SCH component of the Historical Base Factor
- Weighted SCH has changed in some categories (legal, MD, computer science, etc.)
- Request that all CTE credits be moved to a 5x multiplier. The cost to the state will be approx. \$2.4M/year





DISCIPLINE CLUSTERS	STUDENT CREDIT HOUR WEIGHTING MATRIX						WEIGHTED SCH
	ELEMENTS	LOWER DIV	UPPER DIV	PROFESSIONAL	GRADUATE	MD	
Transportation (Aviation) <i>49</i>	19-21 SCH	214	-	-	-	-	407
	Cost Factor	1.9	3.8	5.7	7.6	-	
	Weighted SCH	407.00	-	-	-	-	
Biological/Physical Science <i>26, 40, 41</i>	19-21 SCH	10,099	-	-	-	-	19,188
	Cost Factor	1.9	3.8	5.7	7.6	-	
	Weighted SCH	19,188.00	-	-	-	-	
Business <i>52</i>	19-21 SCH	6,148	-	-	-	-	11,681
	Cost Factor	1.9	3.8	5.7	7.6	-	
	Weighted SCH	11,681.00	-	-	-	-	
Career/Tech Education <i>12, 46, 47, 48</i>	19-21 SCH	10,581	11,737	-	-	-	90,428
	Cost Factor	3.0	5.0	-	-	-	
	Weighted SCH	31,743.00	58,685.00	-	-	-	
Education <i>13, 19, 31</i>	19-21 SCH	3,672	-	-	-	-	6,977
	Cost Factor	1.9	3.8	5.7	7.6	-	
	Weighted SCH	6,977.00	-	-	-	-	

Demonstrating the impact of moving all CTE credits to a 5x multiplier:

Institution	Total Raw 2019-2021 SCH	Weighted Credits	Credit Completion Factor	Adjusted SCH	2023-25 Base Funding Per Credit Hour	Hold Harmless Amount	Est 2023-25 Base	2021-2023 Base Funding	Final - Incr/Decr for 2023-2025	2023-25 Base % Incr/Decr
Before 5x	106,401	246,809	1.30	320,852	\$98.84	\$0	\$31,713,012	\$35,714,792	(\$4,001,780)	-11.20%
After applying 5x	106,401	268,329	1.30	348,828	\$98.84	\$0	\$34,478,160	\$35,714,792	(\$1,236,632)	-3.46%



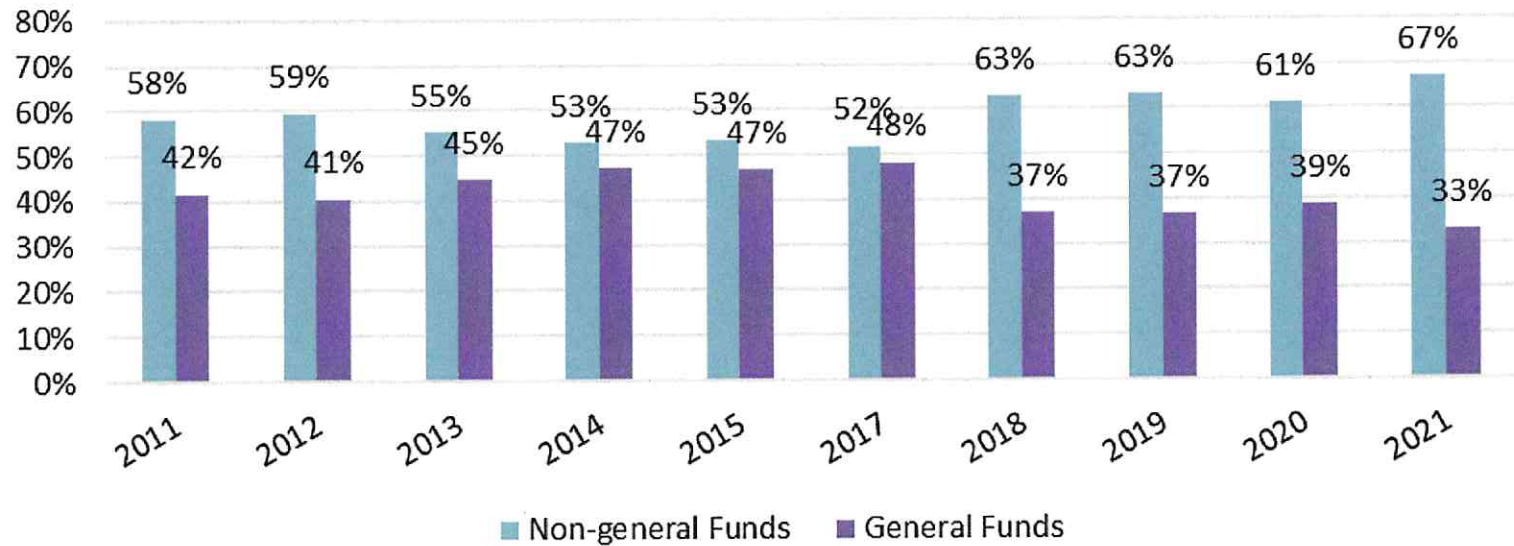
Fully Funding Salary Increases

We are supportive of the 6%/4% executive recommended salary increases. We also support the proposal to fully fund this increase with general fund dollars.

It is noted that 46.9% of all compensation packages at NDSCS, approximately \$2.0 million, are funded with 'local' dollars. If this salary increase goes unfunded, student fees, tuition, room and board, and other fees will have to increase for our students. This will be a significant burden for many of our students and could jeopardize enrollment numbers.



Figure 1. General Funds and Non-general Funds as a Percentage of Total Expenditures, North Dakota State College of Science, 2011-2021



Career Innovation Center in Fargo

The Career Innovation Center (CIC) in Fargo is owned by the NDSCS Foundation. The N.D. CTE group has pledged \$10 million of federal money towards the completion of the building.

- The project continues to progress
- Has had some challenges with inflation, supply chain, and federal funding
- We support the request by the CTE group (Wayde Sick) for an increase in dollars for all the Career Academies.



Innovation Fund

We fully support the bill that provides funding to start new and innovative academic programs. NDSCS appreciates this opportunity and is well positioned to take advantage of this new funding.





House Appropriations Committee
January 12, 2023
Dr. Rod Flanigan, President

