

SENATE APPROPRIATIONS COMMITTEE HEARING

Bill 2003 (Budget 238)
67th Legislative Assembly

North Dakota State College of Science
Dr. John Richman, President
Tuesday, January 19, 2021



NDS-CS.EDU

NDSCS OVERVIEW

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

We engage the campus community in a lifelong learning environment inside and outside the classroom.

INTEGRITY

We work with others and conduct ourselves in a respectful, ethical, honest and trusting manner.

FLEXIBILITY

We consider ideas from all sources and adapt to the needs of our patrons.

EXCELLENCE

We deliver superior programs and services that distinguish the college from its peers.

STRATEGIC GOALS

The North Dakota State College of Science will use a culture of continuous improvement that advances, supports and rewards successful learning by students, faculty and staff as it addresses the following goals:

1. Improve the student learning experience
2. Strategically meet business and industry needs in North Dakota and the region
3. Commitment to the continuous development of NDSCS employees
4. Strengthen relationships with internal and external stakeholders

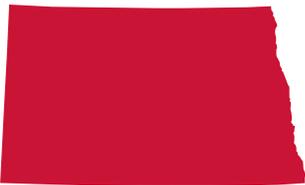
NORTH DAKOTA CONSTITUTION

Article VII, Section 6.1: “c. The school of science, at Wahpeton”

NDSCS IMPACT

FALL 2020

Credit Seeking Students	2,829	TOTAL 4,157
TrainND Southeast Participants	973	
ApprenticeshipND Participants	346	
SkillsND Participants	9	



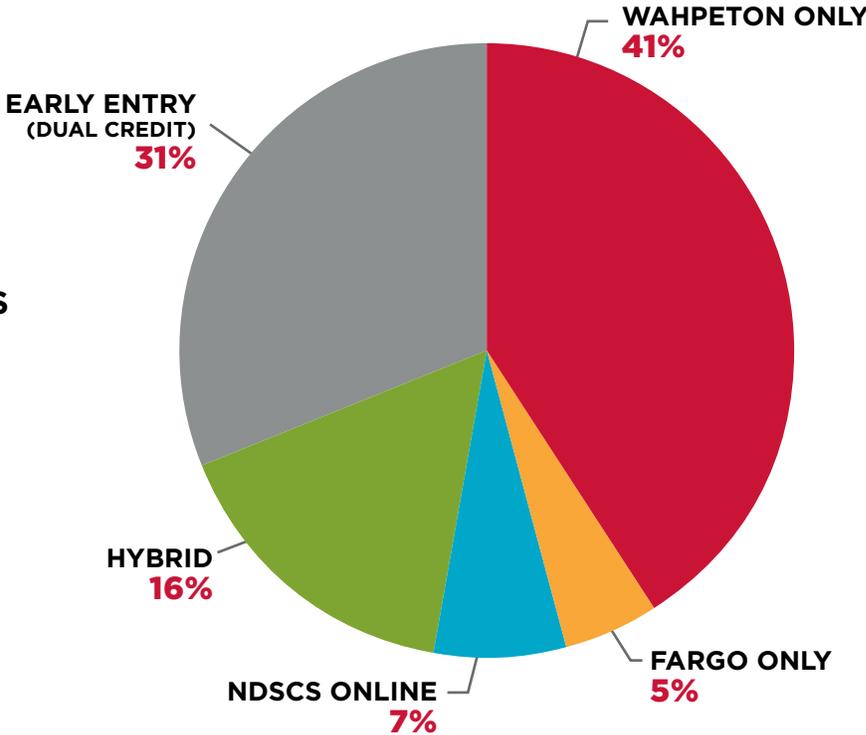
71.8%

NORTH DAKOTA STUDENTS



22.7%

MINNESOTA STUDENTS



STRONG STUDENT OUTCOMES

15%

HIGHER GRADUATION RATE THAN NATIONAL AVERAGE

150% time - IPEDS

83%

OF STUDENTS GRADUATED OR SUCCESSFULLY TRANSFERRED

Within 6 years (all students, starting Fall 2012 - most recent available)

90-100%

STUDENT PASS RATES

National Exams, Licensures, Certificates

80+

ACADEMIC OFFERINGS

- Agriculture and Business
- Allied Health
- Building Systems
- Construction and Design
- Liberal Arts Transfer
- Manufacturing
- Transportation

NDSCS IMPACT

STRONG CAREER OUTCOMES



97%

2020 PLACEMENT RATE



\$39,480

AVERAGE ANNUAL STARTING SALARY

ACADEMIC DEPARTMENT OR EMPHASIS

	Responding Graduates	Jobs Posted with NDSCS Career Services*	Beginning Average Monthly Salary	Average Reported High Monthly Salary	Placement Rate
Agriculture*	28	81	\$3,274	\$6,000	96%
Architectural Drafting and Estimating Technology	9	106	\$3,021	\$3,440	100%
Associate in Science in Nursing (RN)	15	66	\$3,456	\$5,027	100%
Auto Body Repair and Refinishing Technology	4	84	\$2,947	\$3,640	100%
Automotive Technology*	13	316	\$2,530	\$3,640	100%
Building Construction Technology	7	196	-	-	67%
Business Management*	21	258	\$2,284	\$4,000	95%
Caterpillar Dealer Service Technician	6	229	\$3,617	\$4,484	100%
Construction Management Technology	11	212	\$3,403	\$6,000	100%
Culinary Arts*	10	77	\$2,399	\$3,500	100%
Dental Assisting	12	69	\$2,917	\$3,520	92%
Dental Hygiene	14	85	\$4,547	\$6,840	100%
Diesel Technology*	41	229	\$3,517	\$6,000	100%
Electrical Technology*	34	150	\$3,182	\$6,816	94%
Emergency Medical Services (EMS)*	22	13	\$3,280	\$5,667	100%
Health Information*	7	34	\$2,617	\$5,583	100%
HVAC/R Technology	11	62	\$2,856	\$3,200	91%
Information and Communications Technology*	13	77	\$3,875	\$6,000	92%
John Deere Tech	13	229	\$4,235	\$7,000	100%
Land Surveying and Civil Engineering Technology	5	78	\$4,167	\$5,000	100%
Mechanical Systems	1	94	-	-	100%
Occupational Therapy Assistant	9	22	\$3,686	\$4,000	100%
Pharmacy Technician	4	13	\$2,317	\$3,120	100%
Plumbing	5	17	\$2,469	\$3,210	100%
Powersports Technology	3	20	-	-	100%
Practical Nursing	41	56	\$3,084	\$5,760	98%
Precision Machining Technology	6	81	\$3,067	\$3,680	100%
Robotics, Automation and Mechatronics Technology	16	63	\$3,669	\$5,000	93%
Technical Studies	1	-	-	-	100%
Unmanned Aircraft Systems	7	-	\$4,167	\$5,000	100%
Welding Technology	30	106	\$4,090	\$7,280	90%

74%
OF ND STUDENTS STAYED IN NORTH DAKOTA

33% of non-ND students stayed in North Dakota post-graduation

\$3,290
AVERAGE BEGINNING MONTHLY SALARY

\$4,904
REPORTED HIGH MONTHLY SALARY

If you are using this report to inform your career decision, please also consult the Student Success Center at 701-671-3000.

*Indicates a department with multiple emphases.

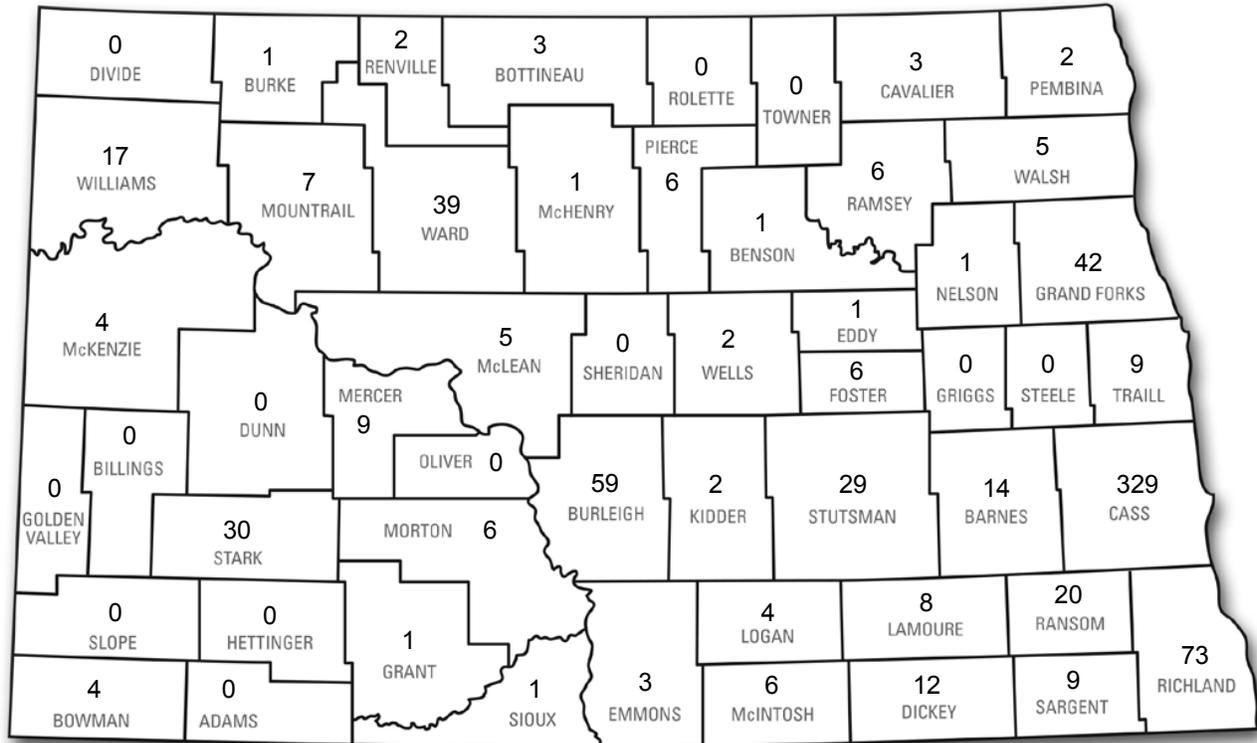
**Jobs posted with NDSCS Career Services may be related to more than one academic program.

Additional Information: Placement rate of 98 percent includes graduates that are employed or pursuing additional college education. Placements were made in 16 states and one international country. Salary averages are based on full-time 2080 hours a year and do not include overtime or possible commissions earned by graduates. Average monthly salaries are not reported for programs with insufficient data.

NDSCS IMPACT

GRADUATES WHO FOUND WORK IN NORTH DAKOTA

786 GRADUATES (2018, 2019, 2020)



40 of 53
NORTH DAKOTA COUNTIES WERE FIRST
DESTINATIONS FOR NDSCS GRADUATES

2019 ECONOMIC IMPACT*

- State tax collections generated by NDSCS **\$1.9 million**
- Total economic contribution of student spending **\$56 million**
- State tax revenue from student spending **\$549,000**

*Bangsund & Hodur (2020). Economic Contribution of the North Dakota University System in 2019. NDSU Agribusiness and applied economics report No. 806.

NDSCS IMPACT

STUDENT AFFORDABILITY

- FALL 2020 -
69%
ATTENDED TUITION FREE
Sponsorships, scholarships, grants, etc.

\$27+ MILLION

NDSCS FOUNDATION ENDOWMENT

\$746,700+

SCHOLARSHIP DOLLARS

STUDENT SPONSORSHIP

ND career builders

Scholarship & Loan Repayment

\$320,525
TOTAL AWARDED

CONNECTIONS

87

STUDENT MATCHES TO DATE
2018-Present

\$63,427

NDSCS ALUMNI FOUNDATION
MATCHING GRANT
2018/2019

488

ACTIVE STUDENTS

\$257,278

ND CAREER BUILDERS AND
PARTNER FUNDING
2019-Present

55

EMPLOYERS/PARTNERS IN
DATABASE



ANNUAL REPORT

2019-2020 Fiscal Year

BY THE NUMBERS

Businesses Served	81
Repeat Business	33%
Training Events	172
Participants (unduplicated)	973
Registrations (duplicated)	1,203
Total Training Hours	11,528
Satisfaction Level	98%
Revenue Generated in 2018-2019	\$599,215
State Grant 2018-2019	\$385,480

CLIENTS TRAINED

NAICS Codes	Number of Firms
20 Agriculture, Forestry	2
21 Mining	0
22 Utilities	3
23 Construction	5
31 Manufacturing	18
43 Wholesale Trade	4
44 Retail Trade	4
48 Transportation	1
51 Information	2
52 Finance and Insurance	4
53 Real Estate and Rental	0
54 Professional Science and Technology	2
55 Management of Companies	0
56 Administration Support	1
61 Educational Services	10
62 Health and Social Services	17
71 Arts, Entertainment	0
72 Accommodation, Food Services	0
81 Other Services	3
93 Public Administration	5

TOTAL 81

OUR CUSTOMERS

Firm Size	Number of Firms
1 to 49	35
50 to 99	11
100 to 249	16
250 to 499	14
500 to 9,999	5

TOTAL 81

TRAINING DELIVERED

Subject Code	Number of Classes
Computer Training	37
Communication/Soft Skills	37
Technical Training	98

TOTAL 172

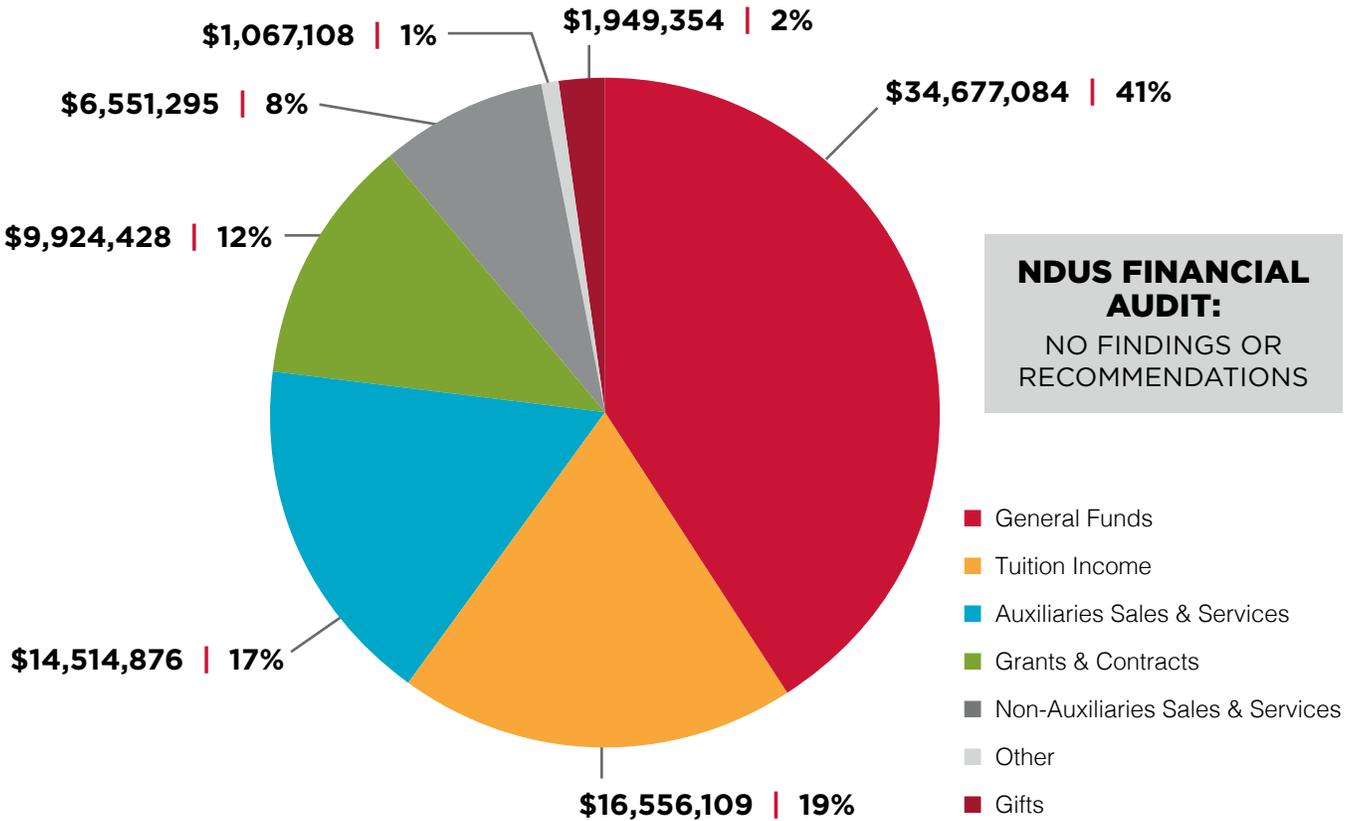
PARTNERING FOR SUCCESS

\$6.5+ MILLION
FALL 2020 - ENTRUSTED EQUIPMENT COLLEGE-WIDE

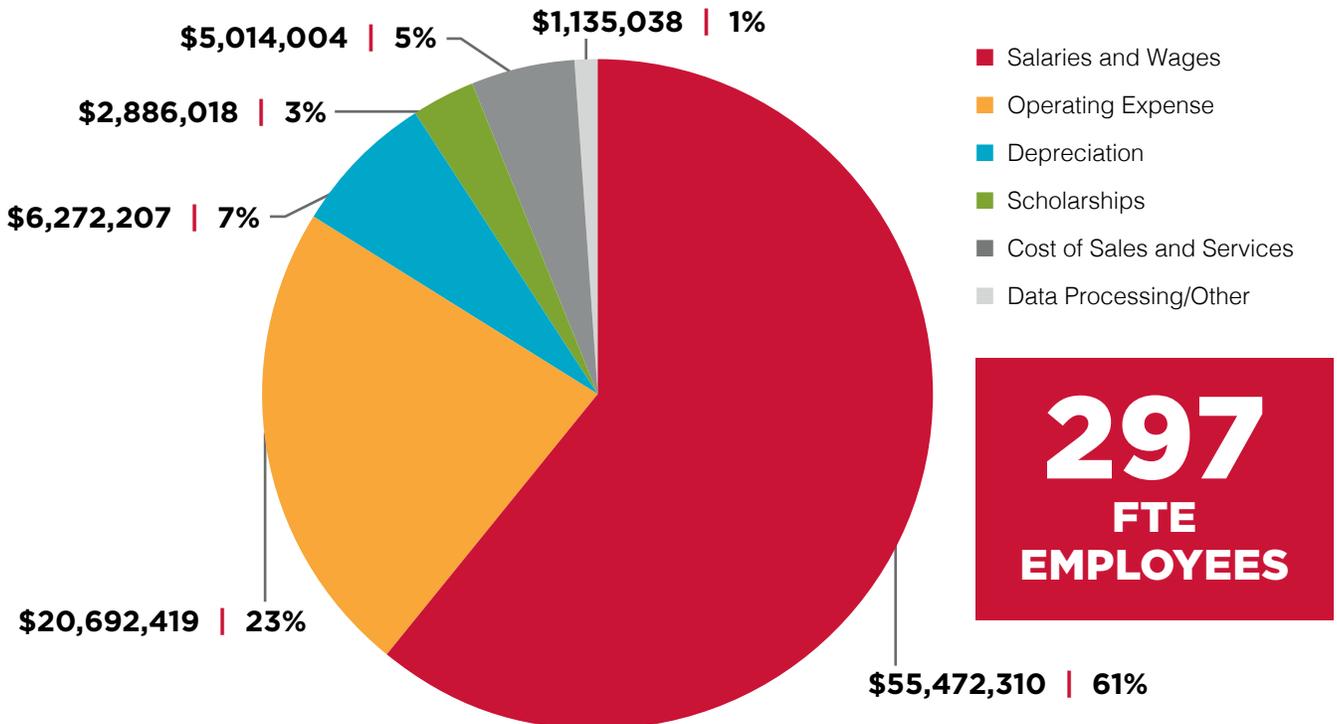


NDSCS BUDGET

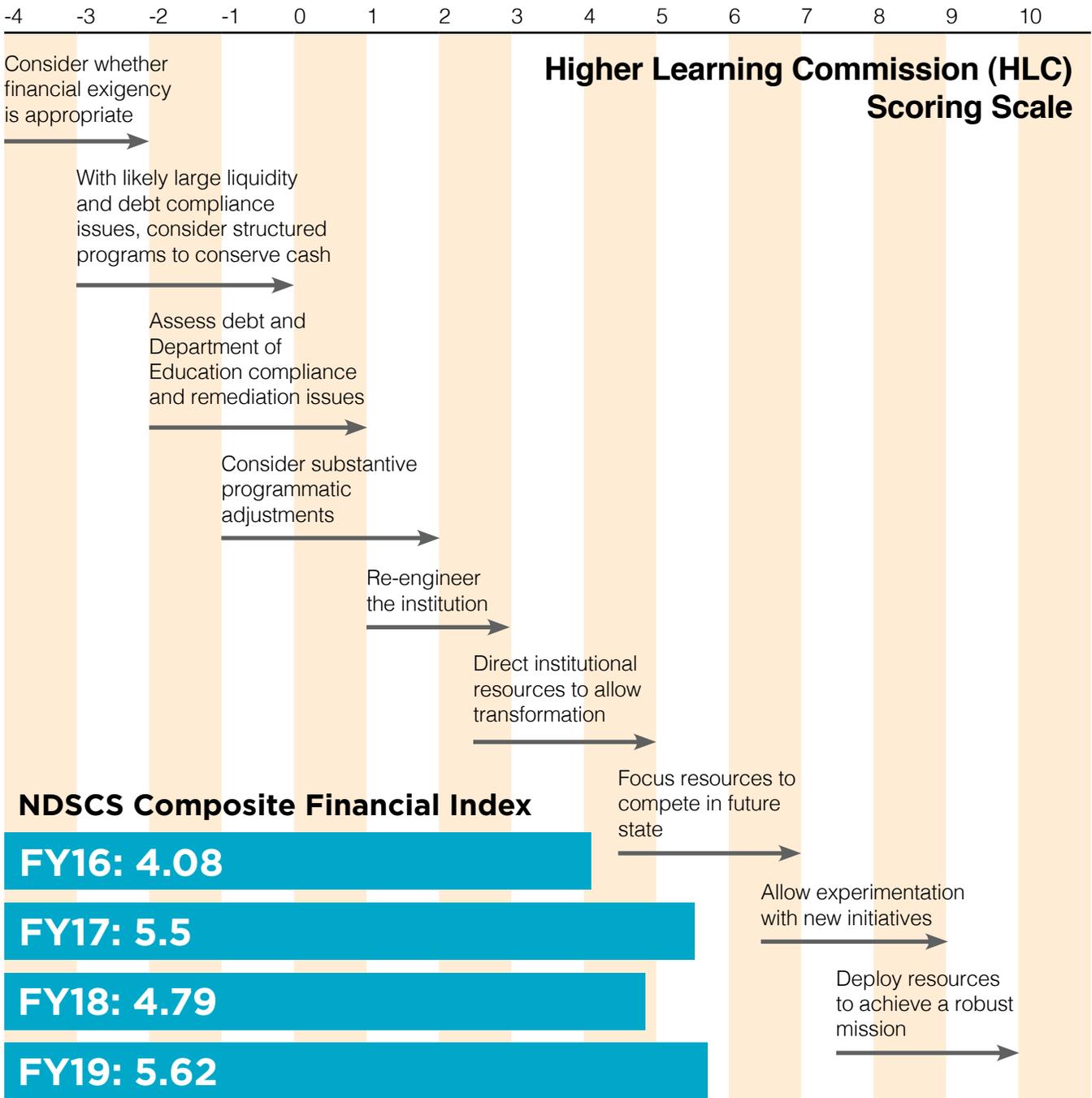
FY19 & FY20 REVENUE



FY19 & FY20 EXPENDITURES



FINANCIAL SUSTAINABILITY

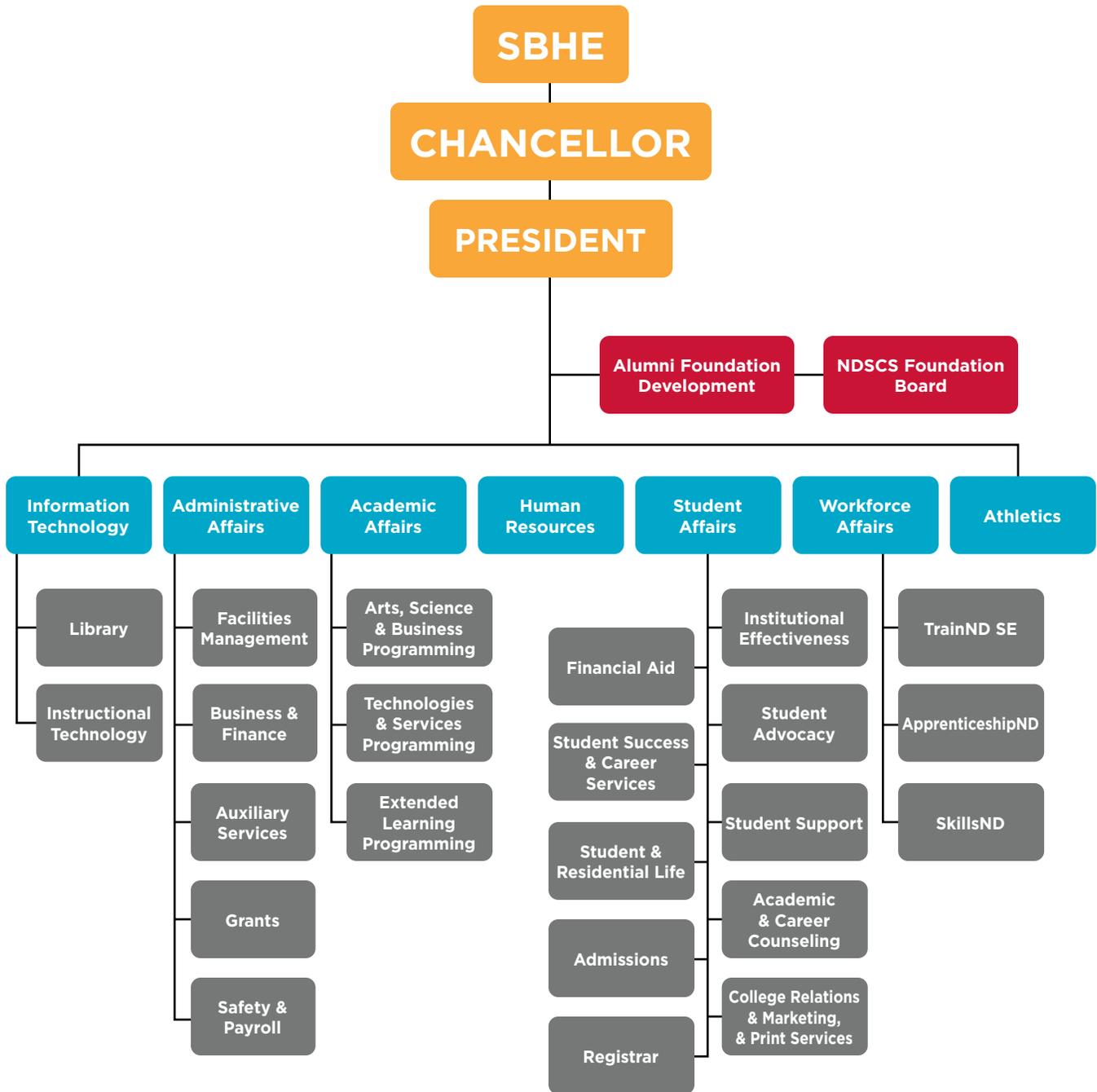


HLC uses the zones listed below to evaluate institutions:

CFI Zones	Public Institutions Composite Index	Outcomes
Above	1.10 to 10	No Review
In	0 to 1.0	Financial Panel Review if "in" for two or more consecutive years
Below	-4.0 to -0.1	Financial Panel Review if "below" in any given year

← **NDSCS scores within this zone**

NDSCS ORGANIZATIONAL CHART



COVID-19 RELIEF FUNDS

NDSCS FEDERAL COVID FUNDING

\$411,676 NDSCS CARES Act Emergency Relief

\$5,357,897 OMB-CRF (*returned \$250,000*)

\$452,500 GEER

\$5,660 COVID Police Support

- Funding for part-time police officers and technology to ensure consistent coverage
- Faculty compensation for overload and training
- Technology upgrades to expand online and hybrid instruction
- PPE and other protective supplies
- HVAC improvements
- Facility and classroom modifications
- Specialized technology for enhanced simulation

STUDENT CARES ACT EMERGENCY RELIEF

\$411,676

Direct payments to eligible students

Financial assistance with basic needs to encourage continued enrollment



NDSCS BUDGET REQUEST

COMPARISON OF BASE BUDGET

to 2021-2023 SBHE Request and Executive Recommendations

NDUS Institutions Comparison of SBHE General and Special Funds Budget Request to Executive Recommendation	North Dakota State College of Science		
	SBHE 2021-23 GF Budget Request	Executive Recommendation	Executive Recommendation Over (Under) Budget Request
2019-21 Adjusted General Fund Appropriation (5/31/20)	\$ 37,675,654	\$ 37,675,654	\$ -
3%/3% Salary Increases	905,349		(905,349)
Remove one-time, carryover & payroll adj.	(1,133,632)	(1,133,632)	-
Base Adjustments - Funding Formula	(1,862,387)	(1,862,387)	-
2019-21 Adjusted General Fund Appropriation, Net of Base Adjustments(Needs Based Budget Request)	35,584,984	34,679,635	(905,349)
2021-23 Adjustments:			
2%/2% salary/benefit increase	-	664,296	664,296
2021-23 Health insurance increases	-	7,598	7,598
Funding formula 7.5% reduction	-	(2,600,973)	(2,600,973)
Other Adjustments	-	-	-
TR Library digitization project			
Total Adjustments	-	(1,929,079)	(1,929,079)
2021-23 Base General Fund Request & Recommendation	\$ 35,584,984	\$ 32,750,556	\$ (2,834,428)
2019-21 Original Special Fund Appropriation	\$ 61,197,158	\$ 61,197,158	\$ -
Base Payroll adjustments	-	-	-
Capital Projects	(1,001,390)	(1,001,390)	-
3%/3% Salary Increase in needs based budget request	816,588	-	(816,588)
Other changes in estimated income			-
Remove prior biennium capital asset carryover			-
Change in extraordinary repairs and special assessments	-	-	-
Net change in base funding equipment over 5000			-
2021-23 Adjusted Special Fund Appropriation Request	\$ 61,012,356	\$ 60,195,768	\$ (816,588)
Executive Recommendation Base Increases (Decreases):			
Capital Projects		-	-
Other adjustments			
2%/2% salary increase		617,339	617,339
2021-23 Health insurance increases		7,495	7,495
Total Adjustments	-	624,834	624,834
2021-23 Base Special Fund Request and Executive Recommendation - Special Funds	\$ 61,012,356	\$ 60,820,602	\$ (191,754)
Total All funds	96,597,340	93,571,158	(3,026,182)

SHAPING THE FUTURE

INNOVATIVE PATHWAYS

- Unmanned Aerial Systems
- Autonomous Systems
- Entrepreneurial collaboration with NDSU
- Apprenticeships

ENROLLMENT → WORKFORCE → ECONOMIC DEVELOPMENT

- Enhanced marketing and recruitment
- Partnership focused
- Sponsorships
- Increased Hybrid learning options

RENEWED FOCUS

- FY21-23 Draft Strategic Goals

Goal 1: Improve the comprehensive learning experience.

Goal 2: Strategically foster relationships with partners to fulfill the workforce needs of North Dakota and the region.

Goal 3: Commitment to the continuous improvement of NDSCS and its employees.



LEGISLATIVE PRIORITIES

EMPLOYEES

- Securing competitive compensation and fully-funded increases

STUDENT AFFORDABILITY

- Expanding North Dakota Challenge Grant

-  Awareness/Marketing
Scholarship & Loan Repayment

TRAINND

- Continue funding to meet workforce training needs

CAREER AWARENESS & PATHS

- Career Workforce Academies
- Increase Secondary Career & Technical Education options
- Dual Credit tuition support





2020 Clay Target Team



WAHPETON | FARGO | ONLINE

NDSCS.EDU

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