House Bill 1004

Senate Appropriations Committee; Human Resources Division
Senator Dever, Chairman

Tracy K. Miller, MPH, PHD, State Epidemiologist

Health Statistics and Performance Section

Public Health Division | March 7, 2023

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Health Statistics & Performance

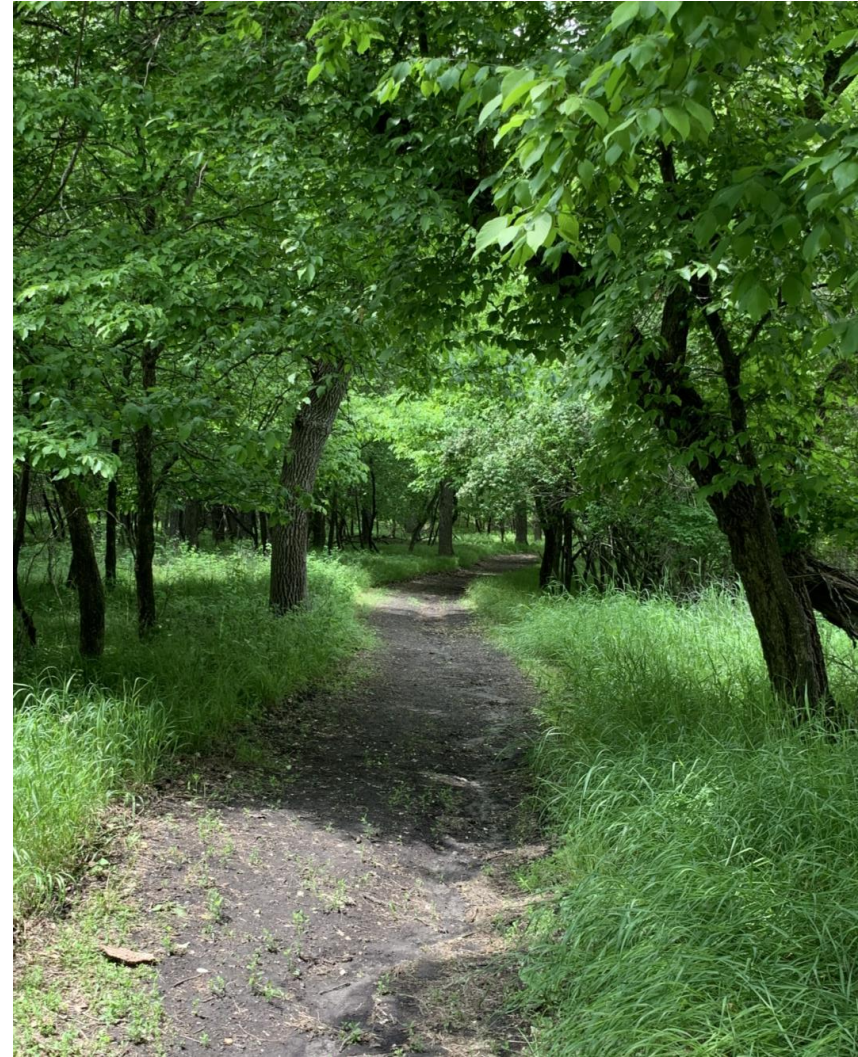## Section Overview

State Epidemiologist
- Section Director of the HSP Section

Deputy State Epidemiologist
- This position is <u>not</u> a part of the HSP section
- The SE and DSE have extensive ID knowledge and are usually the main points of contact for CDC and CSTE in the event of emergencies which are typically infectious disease-related. Having the DSE in the Disease Control Section ensures collaboration and timely information sharing between the two sections.

Team members in this section include:
- 21 FTEs
- 5 FT Temporary positions
- 2 PT Temporary positions
- 2 Contract positions
- 1 CSTE Fellow
- 3 Graduate Assistants
- 1 Student Intern

Health Statistics & Performance

Section Organizational Chart

HEALTH STATISTICS AND PERFORMANCE
Tracy K. Miller, MPH, PHD
State Epidemiologist/Section Director

Deputy State Epidemiologist
Molly A. Howell, MPH, Asst Section Director
Disease Control & Forensic Pathology

Slate Boyer, MPH
CSTE Fellow

Revathi Sebbella
Grad Assist, UND

Chuck Durham
Administration Lead

GRACE NJAU, MPH, PHD, *Director*
Special Projects & Health Analytics

KODI PINKS, MPH, *Director*
Surveillance & Data Management

KELLY NAGEL, MS, *Director*
Systems and Performance

DARIN MESCHKE, *Director*
Vital Records

Cody Cooper, JD
Data Analyst

Mariel Lopez-Valentin, MS
Biostatistician

Tripura Padavala, MS
Data Analyst

Matt Schmidt, MPH
Epidemiologist

Cristalyne Bell
Grad Assist, NDSU

Kavya Sri Ambati, MS
Data Analyst

Carmell Barth
Epidemiologist

Clint Boots, MA
Epidemiologist

Tara Haugen
Lead Data Abstractor

Dorinda Sailer
PT Data Abstractor

Devaiah Muccatira, MS
Data Analyst, SSDI Coordinator

Alice Musumba, MPH, DrPH
BRFSS Program Director

Anastasia Stepanov, MPH
Epidemiologist

Olivia Persinger
Grad Assist, NDSU

Will Ternes
Epidemiology Intern, SDSU

Liza Root, MPH
Performance Data Coordinator

Kalee Werner, MPH
Primary Care Office Manager

Pamela Lee
Deputy State Registrar, Asst Dir

Kerri Friesz
Current Birth Registration Unit

Joshua Kopp
Corrections/Delayed Unit

Jill Nordland
Death Registration Unit/Supervisor

Jennifer Johnson
Request Team

Jennifer Froehlich
Request Team

Shelly Zwieg
Request Team

Steve Denn
Data Processing Manager

Melodie Jorgenson
Document Imaging Specialist

Angela Schmidt
Nosologist

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Health Statistics & Performance

Provide data analysis, surveillance, program evaluation and quality improvement for cross-cutting activities and via program requests; ensuring accurate data for births and deaths.

Special Projects & Health Analytics	Surveillance & Data Management	Systems & Performance	Vital Records

• Evaluation & Analytical Support of Program(s)
• Responsible for data analysis and data interpretation of special projects and emerging issues
• Covid-19 Data Analyses and Modeling Projects
• State Health Assessment & Improvement
• Pregnancy Risk Assessment Monitoring System
• Study of Associated Risks of Stillbirth
• MCH, Health Equity, and Other Program Evaluations
• Needs Assessments & Quality Improvement Analyses
	• Responsible for data analysis and interpretation of non-infectious disease/conditions and injury/violence data
	• Behavioral Risk Factor Surveillance System (BRFSS)
	• Emergency room, Hospital Discharge and EMS data
	• Health Equity
	• Medical Marijuana
	• Overdoses, Suicides, Homicides and other violent deaths
	• Oral Health, Diabetes, Stroke, SSDI, MCH
	• Trauma, stroke, and cardiac registry
	• Tobacco
		• Performance improvement, Coordinating efforts in PH accreditation, Strategic planning, and Coordinating the state health assessment and state health improvement plan
		• Primary Care Office oversees:
		• Recruitment and retention of critical health care providers, Designating workforce shortage areas; Managing state and federal loan repayment programs, Managing the J-1 Visa Waiver program, Promoting the National Health Service Corps Program
			• Responsible for three primary functions:
			• Registration of Records
			  • Births, deaths, fetal death, marriages, divorces, abortions
			• Certification – Provide Certified Copies
			  • Births, deaths, fetal deaths and fetal losses
			• Statistics
			  • National – NCHS, SSA
			  • State agencies, researchers, media, legislative and public

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Encouraging Data to Action

Pregnancy Risk Assessment Monitoring System (PRAMS)
Investigate emerging issues in reproductive health; review programs/ policies aimed at reducing health problems among mothers, families and infants.

Behavioral Risk Factor Surveillance Survey (BRFSS)
Telephone surveys collect state data about U.S. residents regarding their health-related risk behaviors, chronic health conditions, and use of preventive services.

Autism
Study the prevalence of Autism spectrum disorder (ASD) diagnoses in North Dakota. Inform policy, improve community awareness, improve services and support for people with ASD.

Vital Records Statistics
Baseline data – Birth and Death Many researchers, state and federal agencies all need this data to complete their analysis.

Violent Death Reporting
Collects facts from death certificates, coroner/ME reports, LE reports, and toxicology reports to aid in developing and tailoring violence prevention efforts.
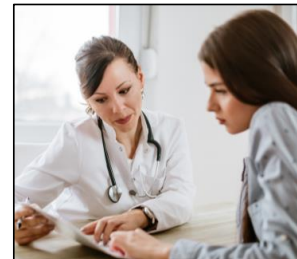
Primary Care Office
Improve primary care service delivery and workforce availability; administer the North Dakota Health Service Corps.

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Using Data for Prevention and Policy Changes

Medicaid expansion for Postpartum coverage
Assess the impact of the new Medicaid Postpartum coverage from 90 days to up to 12 months.

Governor's Opioid Roundtable Discussions
Presented drug overdose data to multiple agencies, including LE, HHS, education, and local, state and tribal government.

Suicide Prevention
NVDRS data is provided to partners such as LE, NDDES, HHS, community action groups, tribal govt, GO, HP, coroners, etc., to improve prevention activities.

Primary Care Office
Works with state/federal partners to encourage health care practitioners to work in rural/underserved areas; increase access to primary and dental care and mental health services.

Outreach
Master Plan on Aging Project
PRAMS for Dad/MCH
UND Suicide Grant
Youth Risk Behavioral Survey
PRAMS Child Care Access Module
DOCR projects.

State Health Improvement Plan (SHIP)
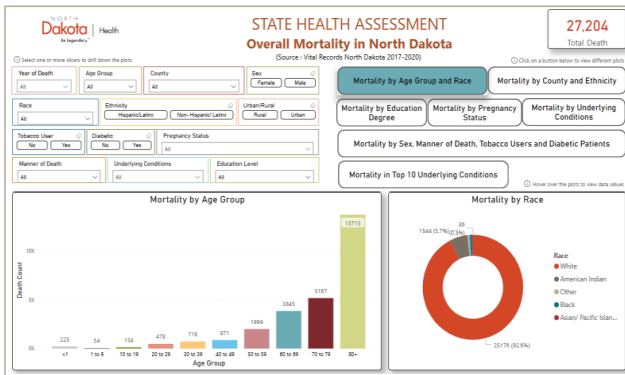Design and disseminate the SHIP to align with the goal of becoming the healthiest state in the nation.

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Improving the lives of North Dakotans

How legislative support and appropriations made an impact in the **2021-2023 biennium.**

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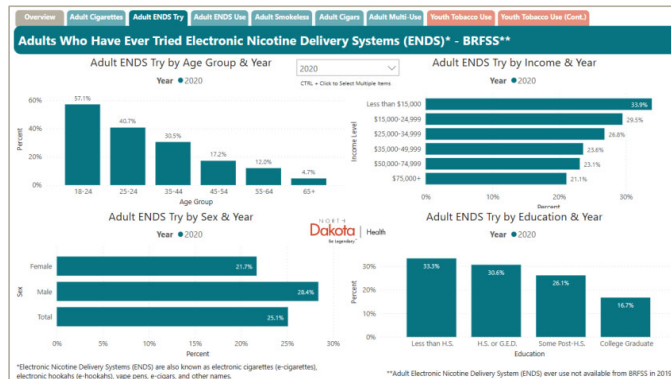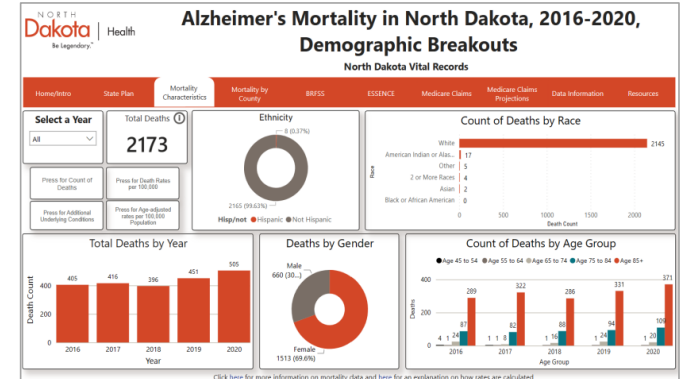Dakota | Health & Human Services
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Health Data
hhs.nd.gov

State Health Assessment
Mortality and premature death data available by county, age group and other demographics.

Tobacco
Multi-year look at Adult and Youth tobacco use; data available by income, age, education and other demographics.

Alzheimer's
Alzheimer's death and claims data available by county, age group, and other demographics; includes updated state plan.

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Health Statistics & Performance

Incident Command
Help support COVID-19 response, through data modeling and providing data intelligence to Incident Command.

Educational Health Dept
Three graduate assistants were placed in this section; teaching classes; guest lectures and multiple summer student projects.

Data Modernization
Recent purchase of statewide death investigation system; incorporation of Poison Control data.

Presentations/Publications
Work we have done has been selected for journal publications or national presentations.

School Dashboard
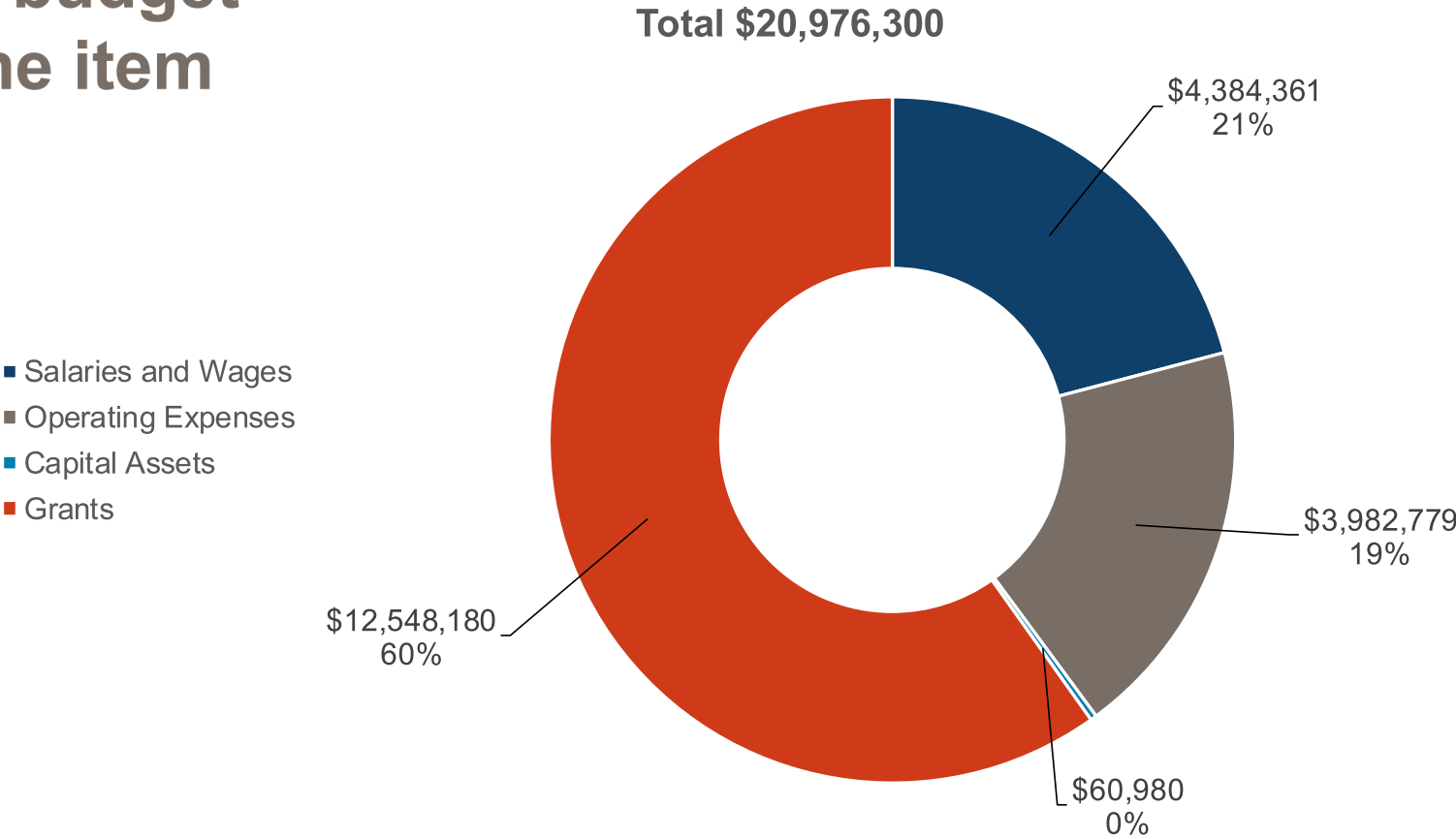Worked with internal and external agencies to provide school level data.

2023-2025 Budget request

The **program, systems and workforce support** necessary to continue to serve North Dakotas.

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2023-25 Executive Recommendation
Core budget by line item

Total $20,976,300

- Salaries and Wages
- Operating Expenses
- Capital Assets
- Grants

$4,384,361
21%

$3,982,779
19%

$60,980
0%

$12,548,180
60%

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2023-25 Executive Recommendation
By funding source

Core Budget - $20,976,300

$7,117,355
34%

$6,931,230
33%

$6,927,715
33%

- General Fund
- Federal Funds
- Special Funds
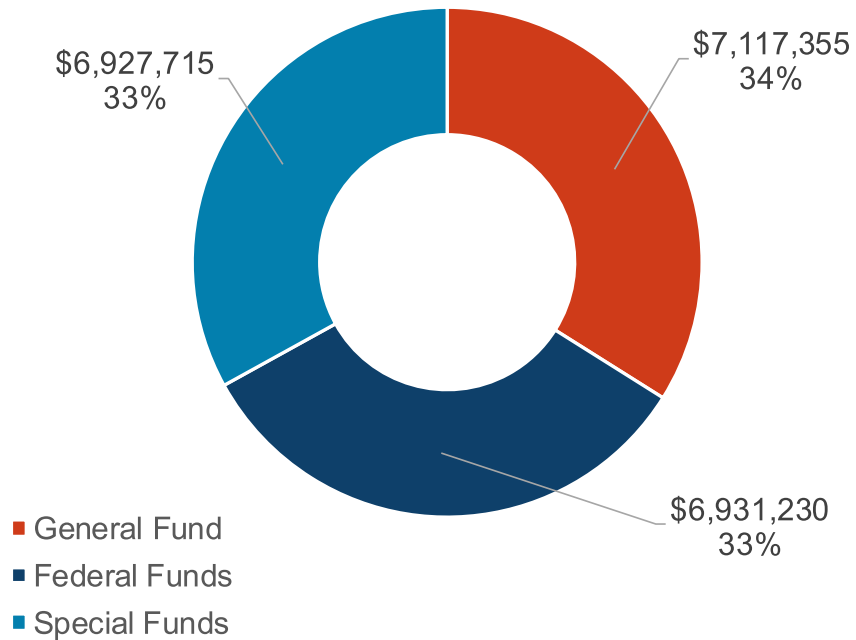
COVID-19 Budget - $5,294,668

$249,891
5%

$939
0%

$5,043,838
95%

- General Fund
- Federal Funds
- Special Funds

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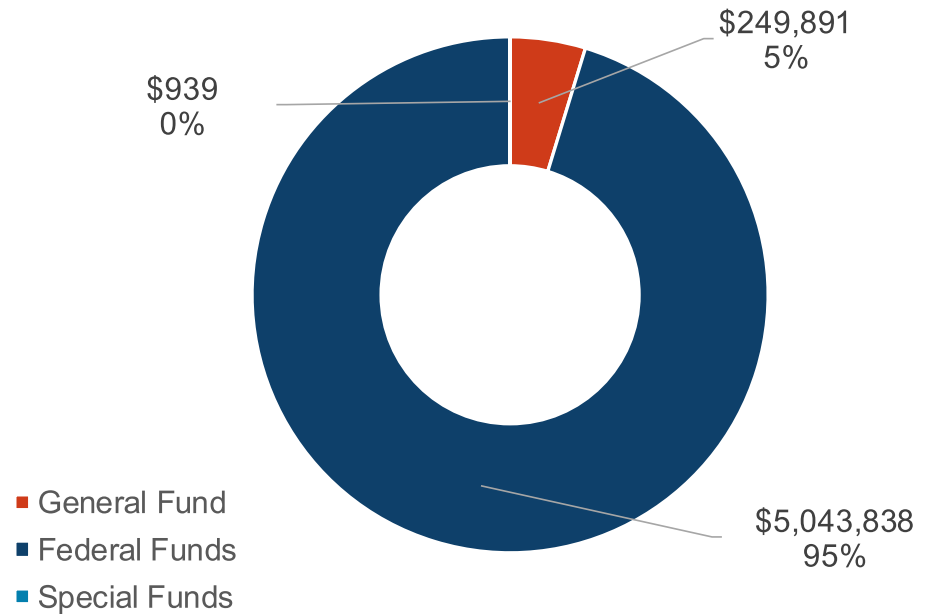
2023-25 Executive Recommendation
By line item

Total $26,270,968

$5,294,668
20%

$4,384,361
17%

$3,982,779
15%

$60,980
0%

$12,548,180
48%

- Salaries and Wages
- Operating Expenses
- Capital Assets
- Grants
- COVID-19

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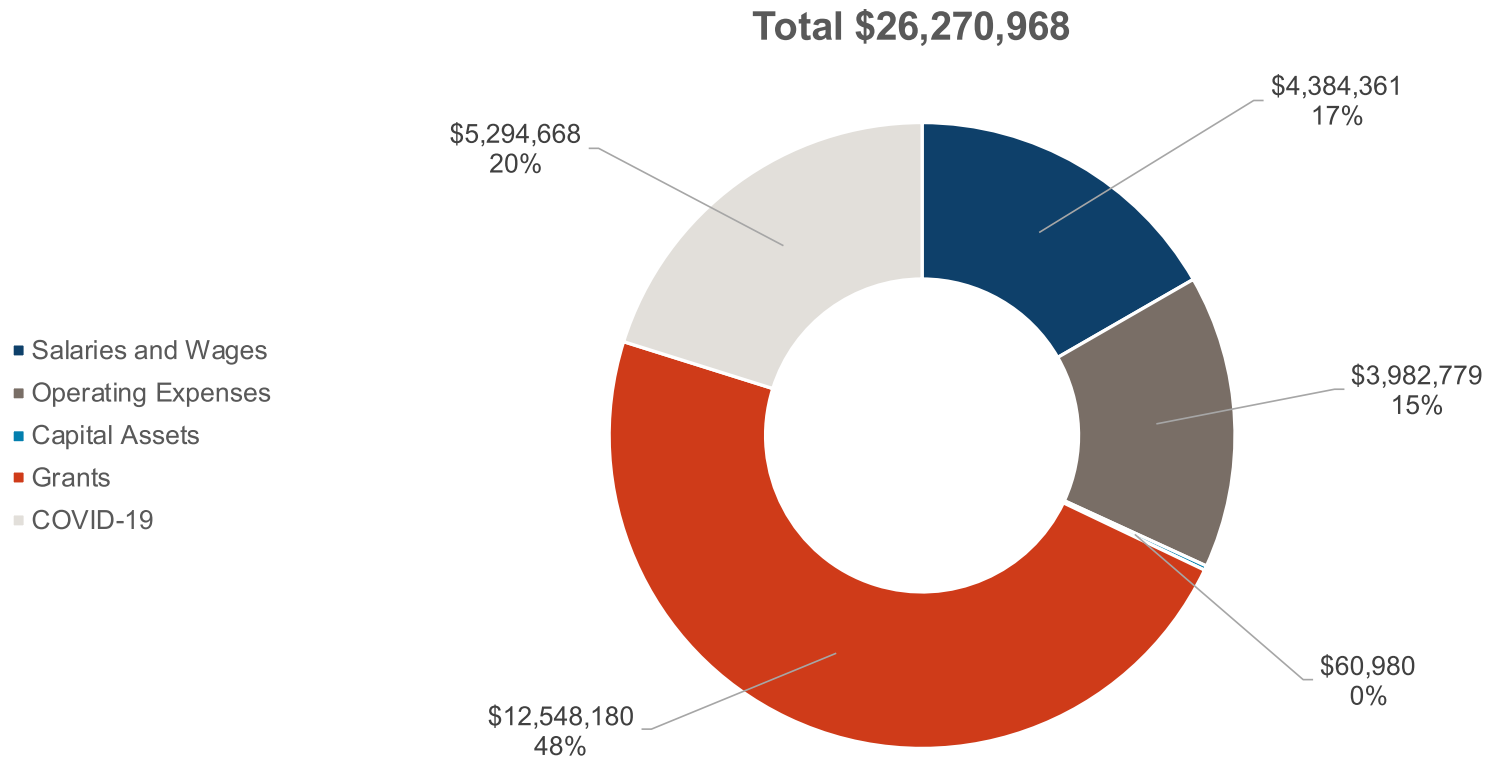
Budget Comparison

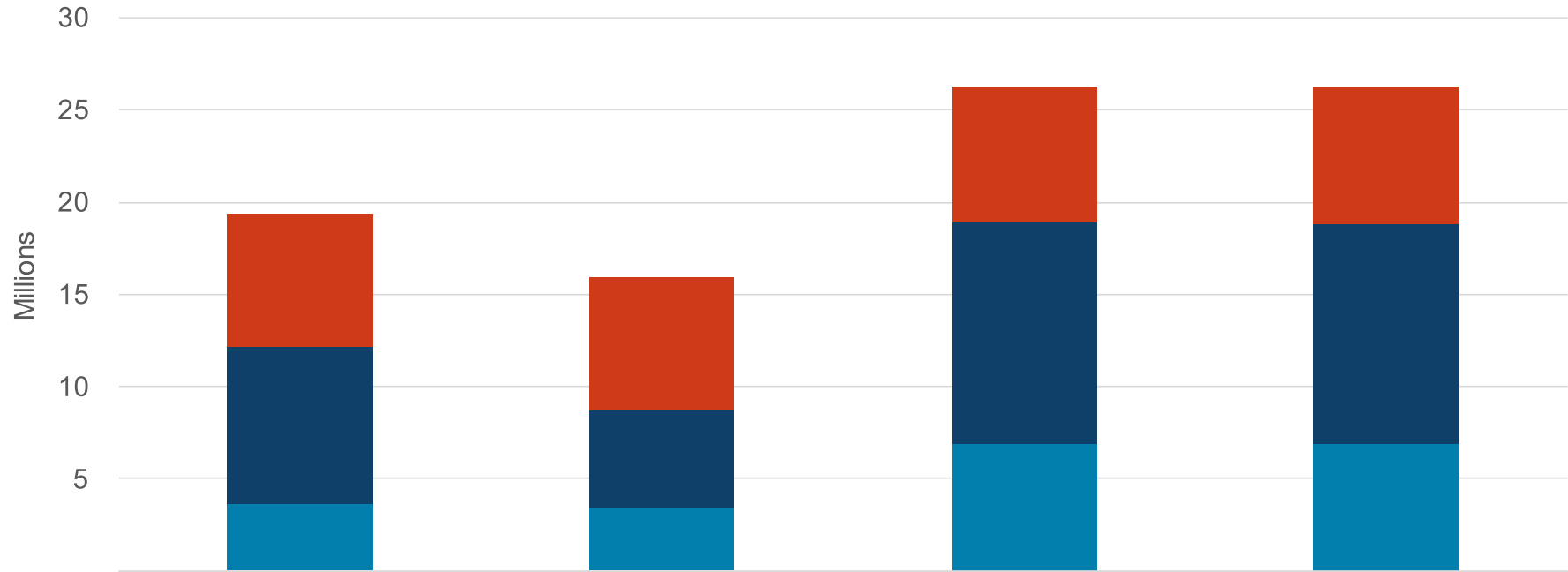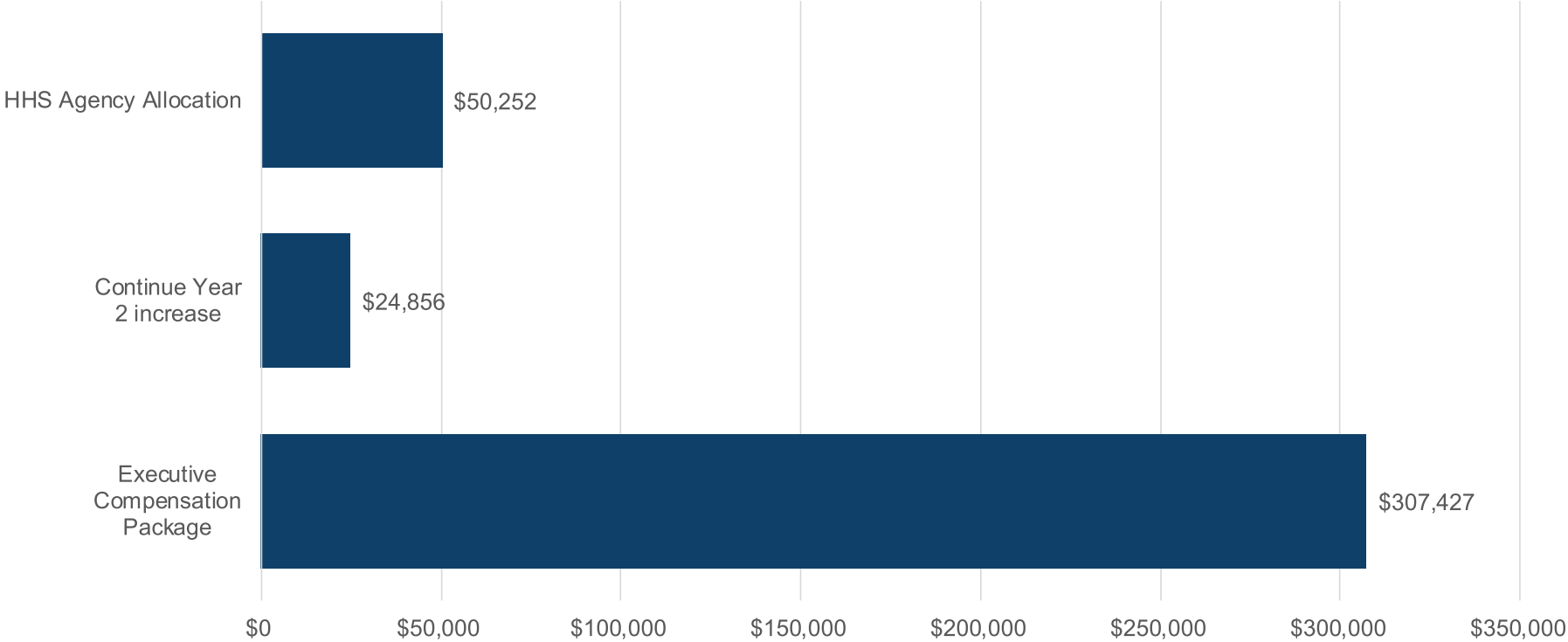| Description	2021-23 Current Appropriation	2023-25 Base Budget	Increase/ (Decrease)	2023-25 Executive Rec.	House Increase /(Decrease)	2023-25 House Budget
Salaries and Wages	4,001,826	4,001,826	382,535	4,384,361	(51,802)	4,332,559
Operating Expenses	2,872,117	2,597,117	1,385,662	3,982,779	0	3,982,779
Capital Assets	0	0	60,980	60,980	0	60,980
Grants	9,057,589	9,057,589	3,490,591	12,548,180	0	12,548,180
COVID-19	3,452,196	246,908	5,047,760	5,294,668	(5,860)	5,288,808
FTE	21.0	21.0	0	21.0	0	21.0

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Overview of Funding Changes

	2021-23 Current Appropriation	2023-25 Base Budget	2023-25 Executive Recommendation	2023-25 House Budget
■ General Fund	7,211,194	7,211,194	7,367,246	7,360,641
■ Federal Funds	8,505,198	5,299,910	11,975,068	11,940,487
■ Special Funds	3,667,336	3,392,336	6,928,654	6,912,178

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Major Salary & Wage Differences

Horizontal bar chart:

Category	Value
HHS Agency Allocation	$50,252
Continue Year 2 increase	$24,856
Executive Compensation Package	$307,427

X-axis: $0, $50,000, $100,000, $150,000, $200,000, $250,000, $300,000, $350,000

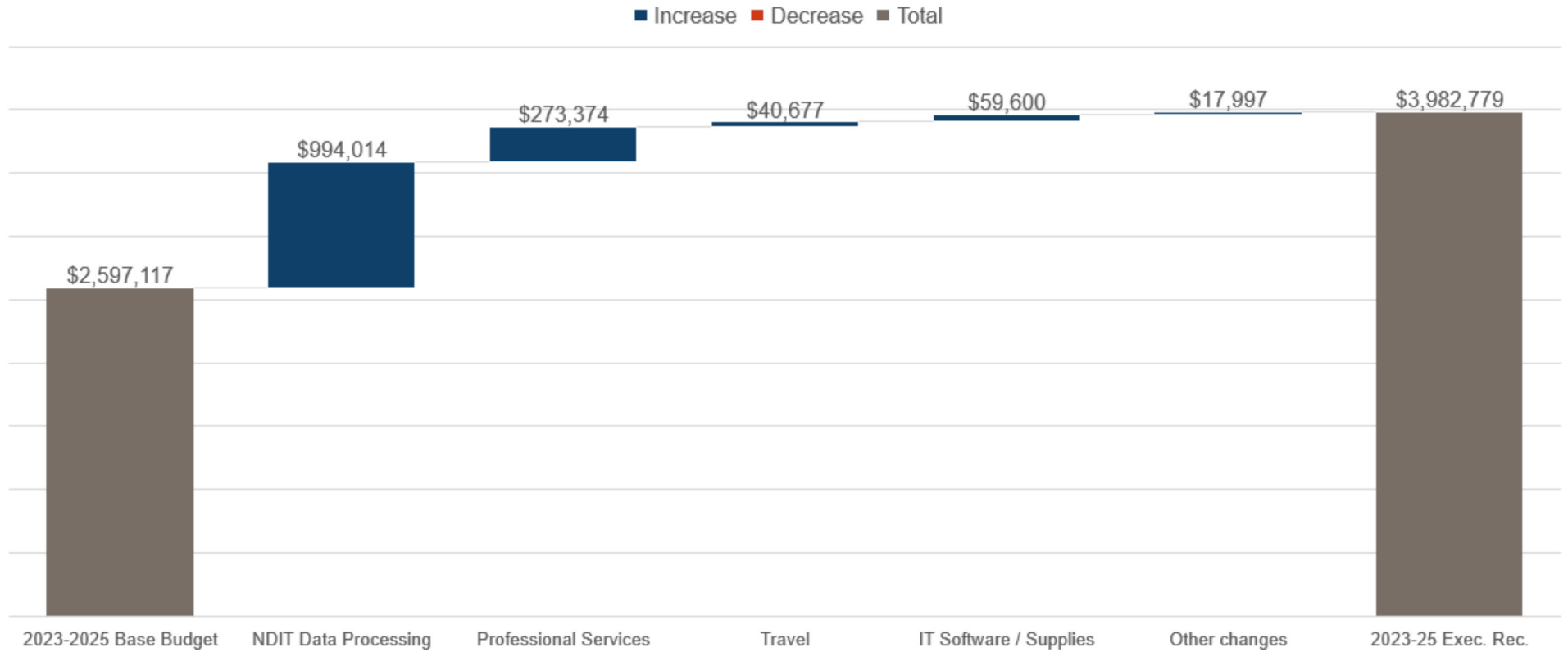NORTH Dakota | Health & Human Services
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Operating Differences Detail

Description	2023-25 Base Budget	Increase/ (Decrease)	2023 - 25 Executive Budget	House Increase / (Decrease	2023-25 House Budget
Travel	73,763	40,677	114,440	0	114,440
IT - Software/Supp.	79,641	59,600	139,241	0	139,241
Professional Supplies & Materials	82,322	(3,172)	79,150	0	79,150
Buildings/Vehicle Maintenance Supplies	1,792	3,708	5,500	0	5,500
Miscellaneous Supplies	8,200	(1,285)	6,915	0	6,915
Office Supplies	76,466	(10,000)	66,466	0	66,466
Postage	225,479	12,000	237,479	0	237,479
Printing	31,002	(406)	30,596	0	30,596
IT Equip Under $5000	34,700	(7,200)	27,500	0	27,500
Other Equip Under $5000	-	1,300	1,300	0	1,300
Office Equip Under $5000	-	3,000	3,000	0	3,000
Lease/Rentals - Equipment	4,114	3,090	7,204	0	7,204
Lease \Rentals-- Buildings./Land	159,857	(14,943)	144,914	0	144,914

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Operating Differences Detail, cont.

Description	2023-25 Base Budget	Increase/ (Decrease)	2023 - 25 Executive Budget	House Increase / (Decrease	2023-25 House Budget
Repairs	3,133	3,500	6,633	0	6633
IT-Data Processing	349,810	994,014	1,343,824	0	1,343,824
IT-Telephone	24,555	6,000	30,555	0	30,555
IT - Contractual Services	183,680	-	183,680	0	183,680
Professional Development	51,245	163	51,408	0	51,408
Operating Fees & Services	36,103	(258)	35,845	0	35,845
Professional Services	1,171,255	273,374	1,444,629	0	1,444,629
Medical, Dental, and Optical		22,500	22,500	0	22,500
Total Operating	**2,597,117**	**1,385,662**	**3,982,779**	**0**	**3,982,779**

Major Operating Differences

Legend: ■ Increase ■ Decrease ■ Total

	Amount
2023-2025 Base Budget	$2,597,117
NDIT Data Processing	$994,014
Professional Services	$273,374
Travel	$40,677
IT Software / Supplies	$59,600
Other changes	$17,997
2023-25 Exec. Rec.	$3,982,779

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Grant Detail

Description	2021-23 Current Appropriation	Increase/ (Decrease)	2023-25 Base Budget	Increase / (Decrease)	2023-25 Executive Budget	2023-25 General Fund	2023-25 Federal Funds	2023-25 Special Funds
Pregnancy Risk Assessment Monitoring System (PRAMS)	345,000	50,000	395,000	-	395,000	-	395,000	-
YRBS - Survey	-	200,000	200,000	-	200,000		200,000	
National Violent Death Reporting System (NVDRS)	-	30,000	30,000	-	30,000		30,000	
Local Public Health State Aid	5,250,000	-	5,250,000	2,750,000	8,000,000	4,725,000		3,275,000
Health and Human Service funding for Primary Care passed through to UND PCO	165,244	(165,244)	-	-	-			
Preventive Health Block Grant - Local Public Health Unit Regional Coordination	97,000	87,000	184,000	-	184,000		184,000	
Dental Loan Repayment Program	540,000	45,200	585,200	-	585,200	225,200		360,000
Medical Loan Repayment Program	708,220	(62,720)	645,500	-	645,500	645,500		
Behavioral Health Loan Repayment Program	392,125	136,355	528,480	-	528,480	293,980		234,500
Veterinarian Loan Repayment Program	480,000	-	480,000	-	480,000	480,000		
Federal State Loan Repayment Program (SLRP)	1,080,000	420,000	1,500,000	-	1,500,000		1,500,000	
Total Grants	**9,057,589**	**740,591**	**9,798,180**	**2,750,000**	**12,548,180**	**6,369,680**	**2,309,000**	**3,869,500**

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Summary and Key Takeaways

1 Continued focus on providing high-quality data.
- Support For data modernization efforts.
- Support needed for IT costs.

2 Continued support is needed for leveraging federal funding opportunities.
- SUDORS, NIOSH, Lead, etc.

3 Support is needed for the recruitment and retention of employees.

4 Increased collaboration with internal and external agencies.
- Improve partnerships and funding opportunities.

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THANK YOU

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