



# **HB 1021 Information Technology Department**

**Presentation to the  
House Appropriations Committee  
Government Operations Division**

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CIO**

**January 21, 2015  
Medora Room**



# Agenda

- Criminal Justice Information Sharing (CJIS)**
- Green Sheet Overview**
- Geographic Information System (GIS)**
- SB 2160 – Health Information Hub**
- SB 2051 – Centralization of PSC, Water Commission and Oil & Gas**
- HB 1053 – Desktop Support Service**
- HB 1021 Correction**



*North Dakota Criminal Justice Information Sharing*





## HB1021 Green Sheet



### FTE Summary

#### General Funded FTE (9)

- Security (1 FTE for the ND Fusion Center, 1 FTE for K-12 Security)
- Center for Distance Education (4 Teachers, 1 Curriculum Specialist)
- Statewide Longitudinal Data System (1 programmer for ETL)
- Digital Archives (1 FTE for Records Manager focusing on digital records)

#### Special Funded FTE (6)

- Security (2 FTE for data center and network security)
- Desktop Support Services (2 FTE)
- Video Services (1 FTE for staff person transferred from Higher Ed)
- ConnectND (1 FTE for developer transferred from OMB)



## Geographic Information Systems (GIS)

- ❖ **The GIS Hub is a Platform for Agencies to:**
  - Share data internally
  - Share data and maps with the public
  
- ❖ **The GIS Hub is Supported by 13 Agencies**
  - Executive Order established the GISTC
  - Stewards load and maintain the data
  - GIS Hub infrastructure hosted by ITD



## Geographic Information Systems (GIS)

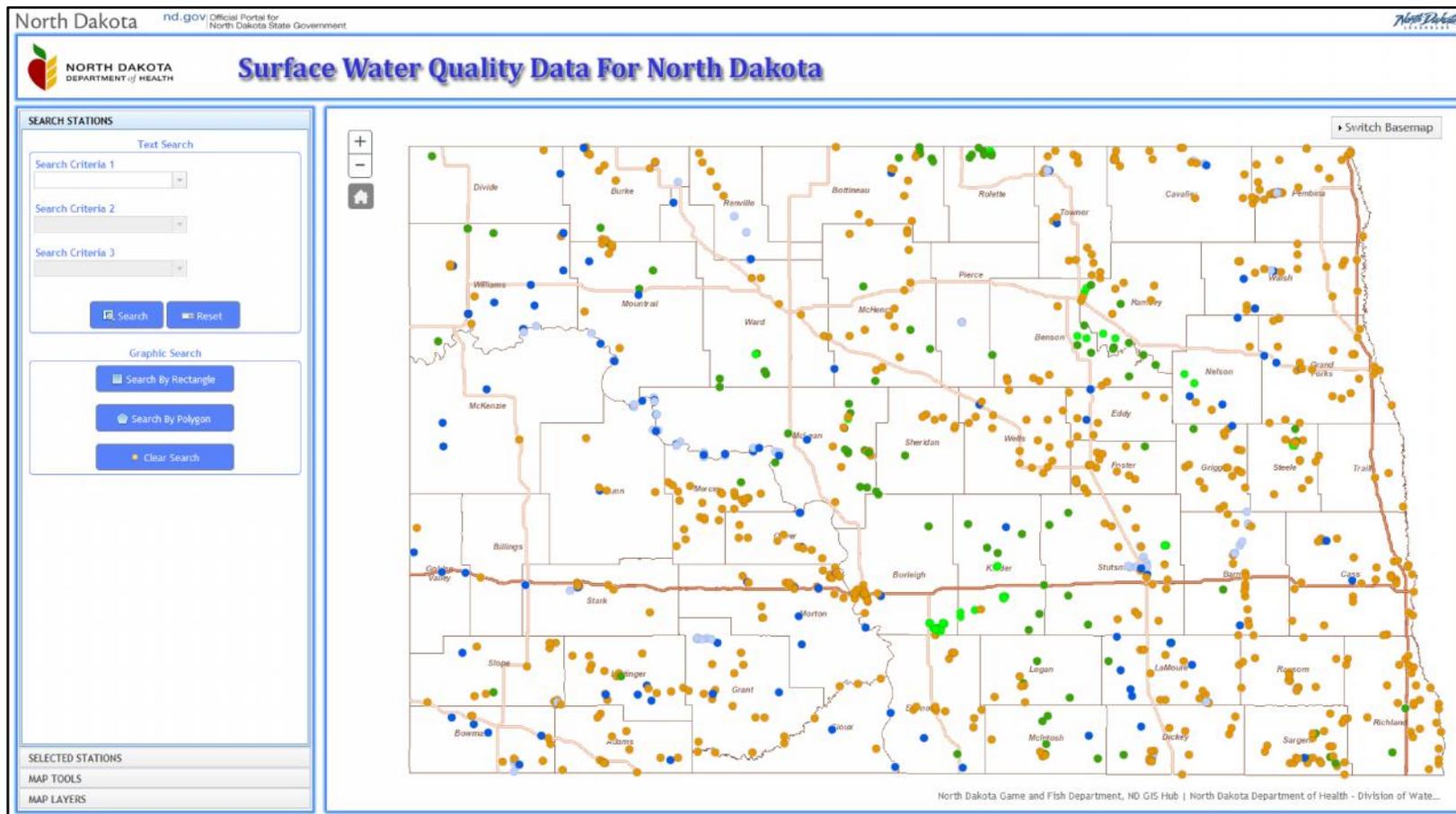
### ❖ **Two Main Components of the GIS Hub**

- Database – accessed by agency users internally and with other agencies
- Web – agencies share data and maps for internal and public use



## GIS Program Example Application

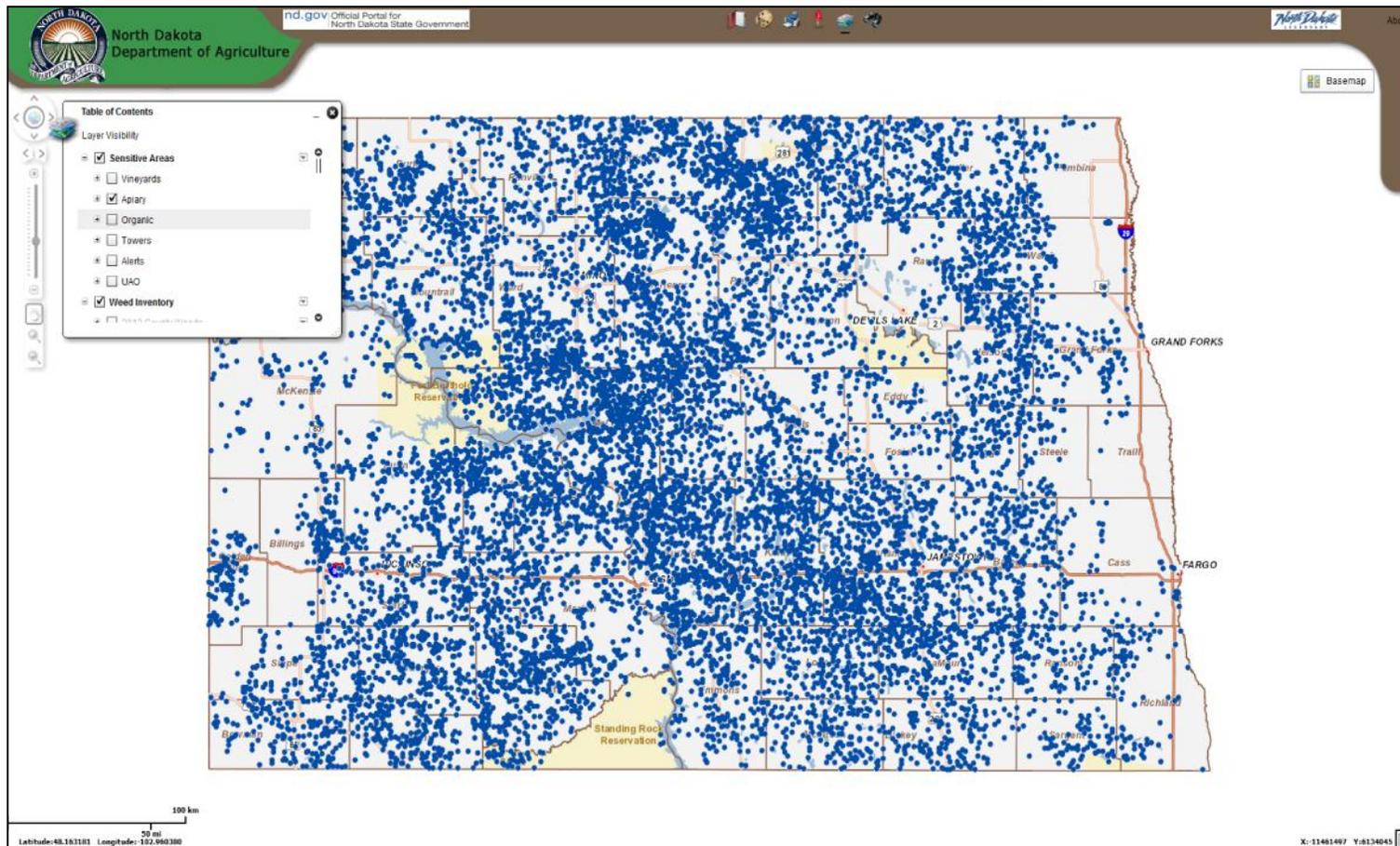
# Surface Water Quality - Dept. of Health Data Updated Nightly





## GIS Program Example Application

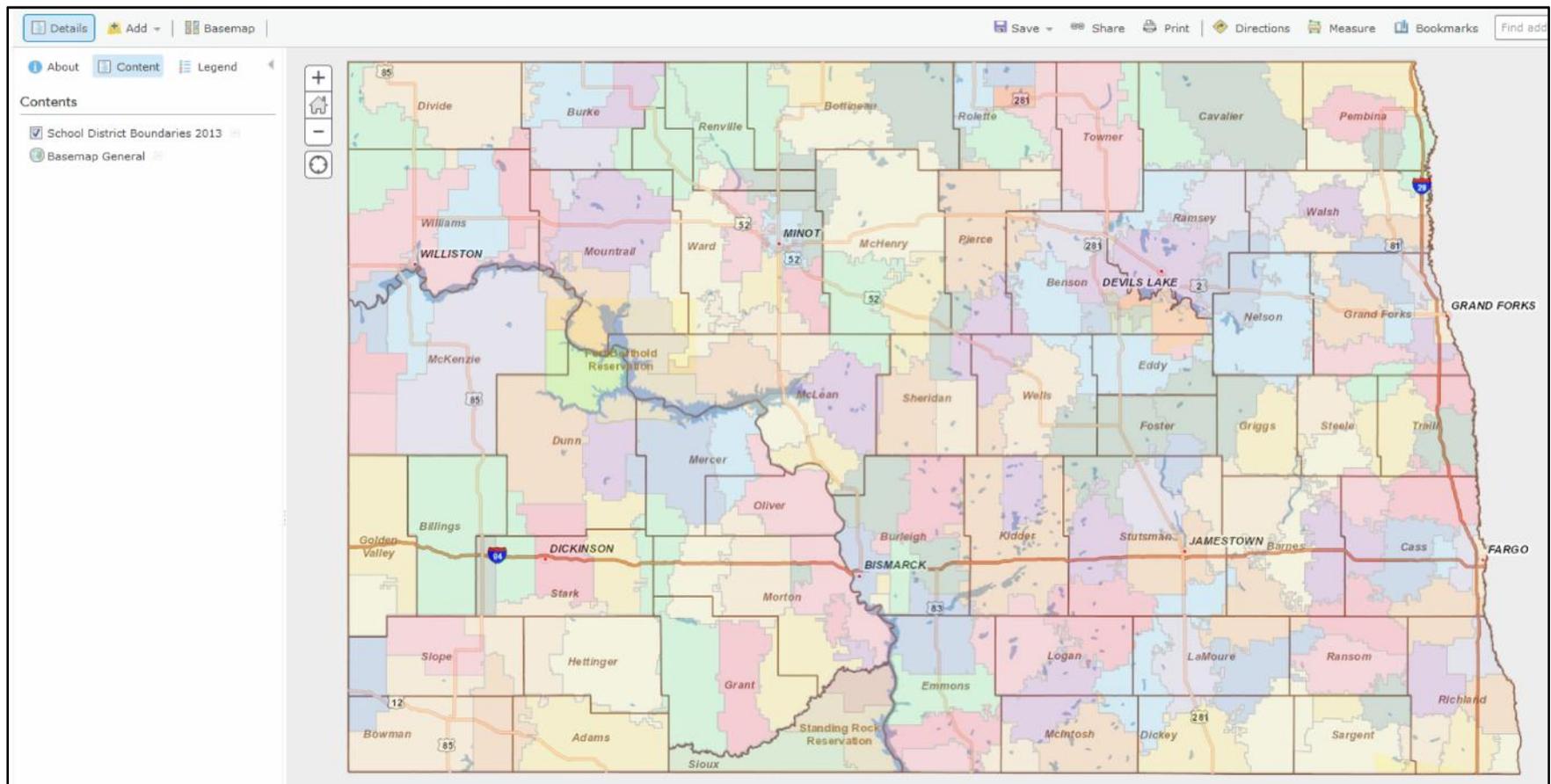
# Beehive Locations - Dept. of Agriculture





## GIS Program Example Application

# School Districts - Dept. of Public Instruction



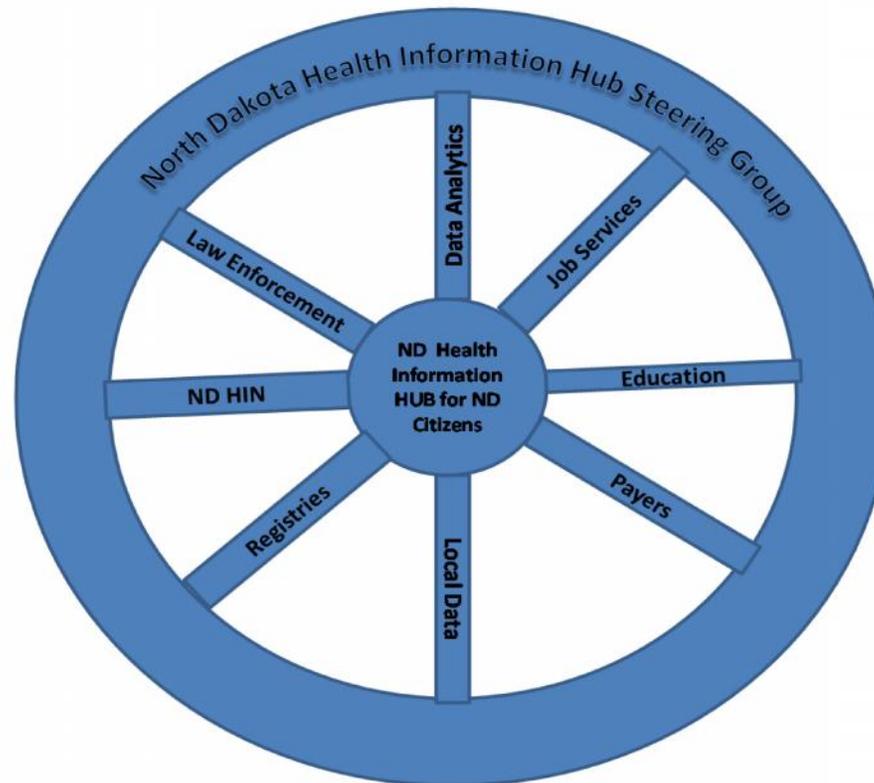


# North Dakota Health Information Hub

## Senate Bill 2160



### North Dakota Health Information HUB





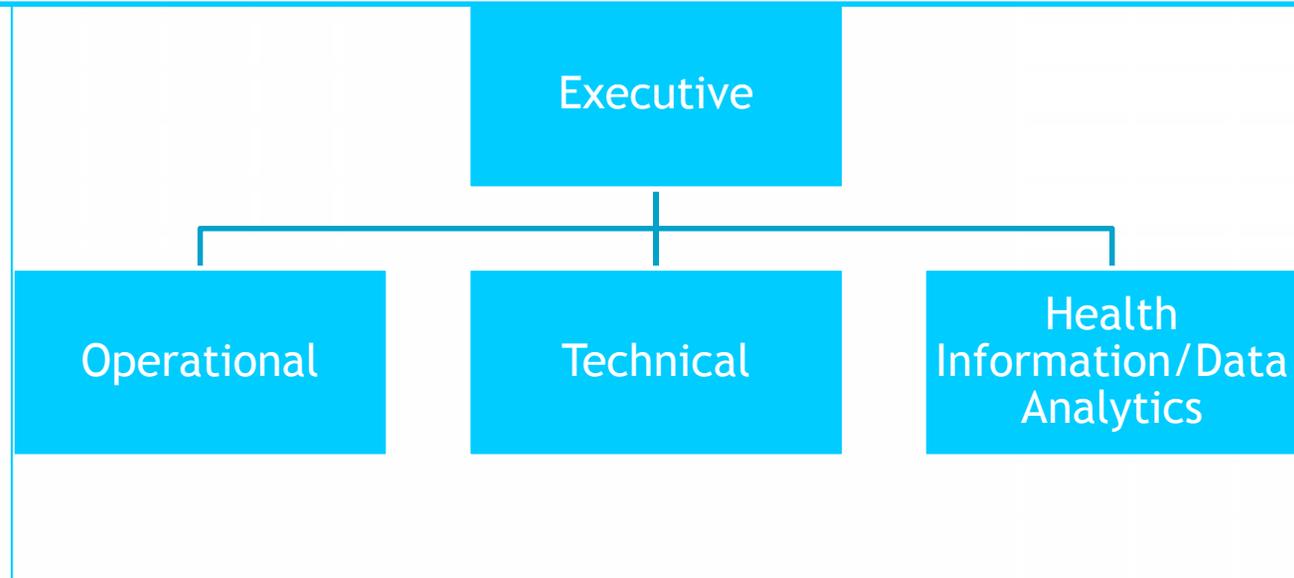
# Multi-Dimensional Domain

## Communication Strategy





# Organizational Structure





## Use Case Scenarios and Key Stakeholders

	Clinicians	Public Health	Pharmacies	LTC	Law Enforcement	QIOs	State Government	Federal Partners/Tribes	School Systems	CHNA aggregated data	Laboratories	Community Clinics and Health Centers	Payers
Patient care substance abuse	X		X							X		X	
RHIO	X		X	X							X	X	
Research	X									X			
Registries ( Brain injury, immunizations, controlled substances, etc.)	X	X	X	X	X	X	X	X	X	X		X	
Population Health/ Medical Home	X	X	X	X		X	X	X	X	X	X	X	X
Schools	X	X								X		X	



# Registries

**2015 Proposed Bills prepared by the Legislative Council for the Human Service Committee include:**

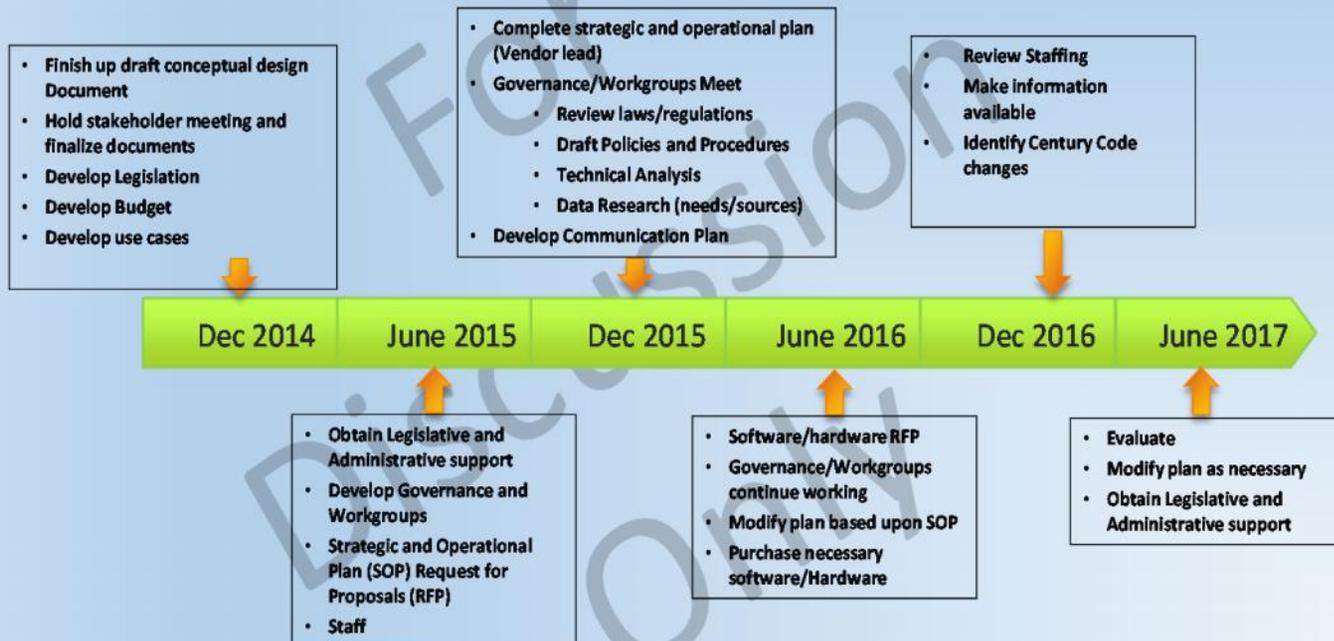
- Traumatic brain injury registry
- Behavioral health data registry
  
- **The proposed ND Health Information HUB could house registries where consistent review and analysis of the data could create efficiencies, improve quality, benefit policy makers, support strategy and allocation of resources, support key stakeholders and North Dakota citizens.**
  
- **Registries housed within the ND Health Information Hub would create a single point of access and may be a benefit to other organizations that are not necessarily health care related**

**Examples of key stakeholder organizations and exchanges that may benefit from the ND Health Information Hub :**

- **Human Services**
- **Department of Health**
- **Health Agencies (American Heart Association, American Cancer Society, etc.)**
- **Health care provider(s)**
- **Law Enforcement**
- **Research investigator**
- **Others**



# North Dakota Health Information Hub Timeline





## Appropriation - General Funds

Items	Amount	Notes
Salary & Fringes	\$530,000	3 FTE (1 for two years and 2 for one year)
Consultant	500,000	Complete Strategic and Operational Plan
Legal Fees	204,000	Attorney General and Outside Counsel Time
Governance	10,000	Travel, Phone calls, etc.
Project Management	156,000	Manage the project
Software	500,000	Estimate to start the process
Total	\$1,900,000	



# Discussion

Questions?



# **Centralization Bill PSC, Water Commission, and Oil & Gas**

## **Senate Bill 2051**



# Desktop Services

House Bill 1053



## ITD Operations

# Desktop Support Services

2 New Positions + Hardware / Software (Special Funds)

\$1,812,000

Ten agencies were provided funding in Governor's Budget

- Auditors Office
- Center for Tobacco
- Council on the Arts
- Dept. of Agriculture
- Dept. of Labor
- Indian Affairs
- Protection and Advocacy
- Secretary of State
- Securities
- State Treasurer



# Correction House Bill 1021

- ✓ One-Time Funding on Page 2, Line 14  
S/B \$4,500,00 instead of \$8,000,000
  - ✓ Change Line 15, Page 2  
S/B "Total general fund \$6,550,000"
  - ✓ Remove Lines 16-17, Page 2



**THANK YOU!!!**