

# Presentation to the Economic Impact Committee

Roughrider Room  
September 14, 2016



**NORTH DAKOTA**  
INFORMATION  
TECHNOLOGY  
DEPARTMENT

# Cybersecurity Task Force

**Governor's Office**  
**Adjutant General**  
**Attorney General**  
**Bank of ND**  
**Department of Health**  
**Department of Human Services**  
**Department of Transportation**  
**Division of Homeland Security**  
**Insurance Department**  
**ND Job Services**  
**ND Public Employees Retirement**  
**ND University System**  
**ND Association of Counties**  
**Office of Management & Budget**  
**Tax Department**  
**Workforce Safety & Insurance**  
**Information Technology Department**

**Lieutenant Governor Drew Wrigley**  
**Alan Dohrmann**  
**Lonnie Grabowska**  
**Eric Hardmeyer**  
**Terry Dwelle**  
**Maggie Anderson**  
**Grant Levi**  
**Greg Wilz**  
**Adam Hamm**  
**Cheri Giesen**  
**Sparb Collins**  
**Lisa Feldner**  
**Mark Johnson**  
**Pam Sharp**  
**Ryan Rauschenberger**  
**Bryan Klipfel**  
**Dan Sipes and Mike Ressler**

# Cybersecurity Task Force

## Goals and Objectives

- Raise executive level awareness
- Discuss state government cybersecurity governance model
- Discuss cyber incident response strategies
- Share best practices / review network defense strategies & tools
- Recommend new policies for mitigating future cyber attacks

# Task Force Discussion



# Cybersecurity Task Force

- Reviewed Current Governance Model
- Reviewed ND Cybersecurity Laws
- Discuss the Need for Cybersecurity Insurance
- Reviewed Incident Response Plan Template
- Reviewed Roles and Responsibilities
- Preparing Recommendations for Governor's Consideration

<http://www.governor.nd.gov/cybersecurity-task-force>

# US Statistics

## Current Security Landscape

**2015 Reported Breaches  
by the  
Identity Theft Resource Center**

**# of Breaches = 781**

**# of Records = 169,068,506**

( Majority of organizations report “Unknown” )

# US Statistics

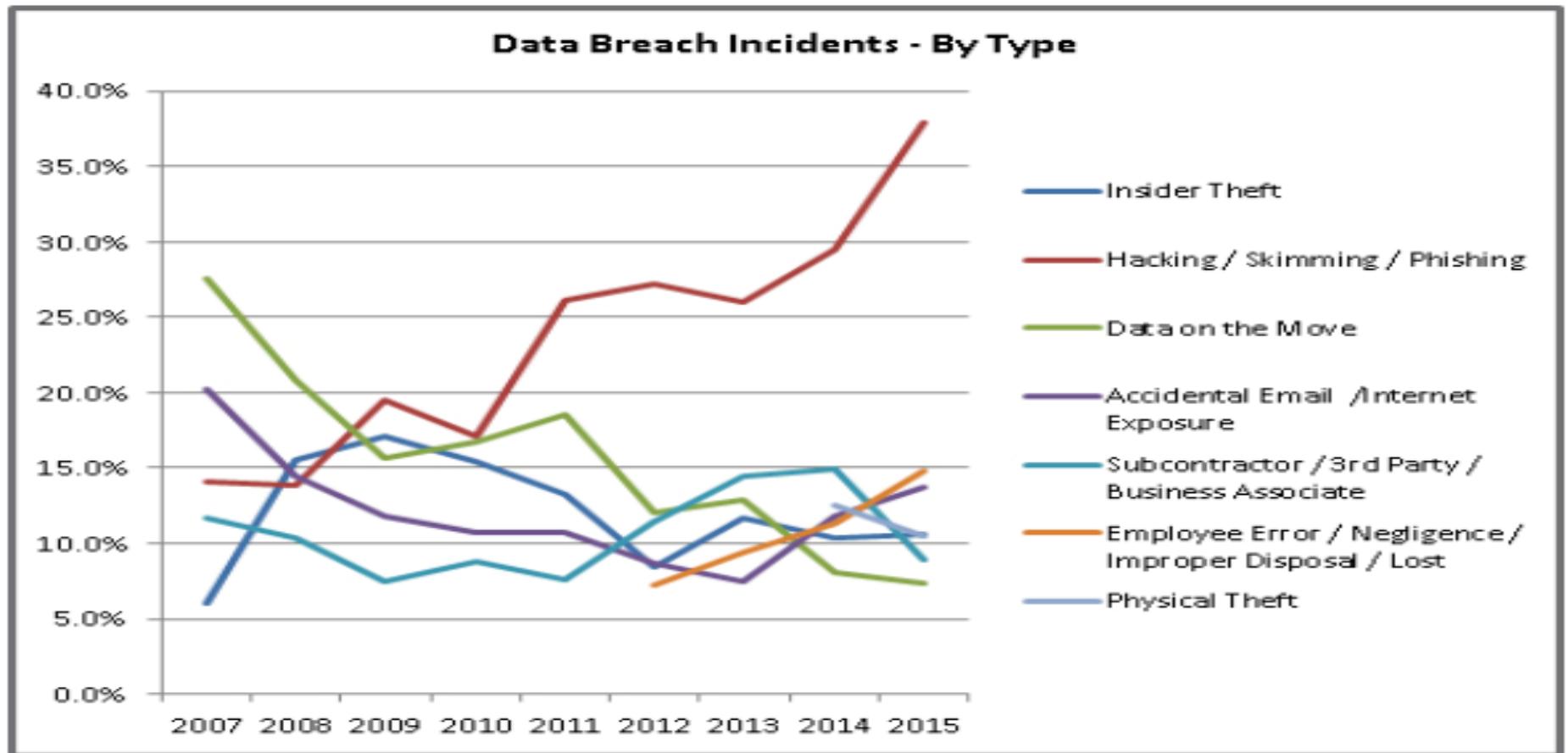
## 2015

Totals for Category: <b>Banking/Credit/Financial</b>	# of Breaches: 71 % of Breaches: 9.1%	# of Records: 5,063,044 %of Records: 3.0%
Totals for Category: <b>Business</b>	# of Breaches: 312 % of Breaches: 39.9	# of Records: 16,191,017 %of Records: 9.6%
Totals for Category: <b>Educational</b>	# of Breaches: 58 % of Breaches: 7.4%	# of Records: 759,600 %of Records: 0.4%
Totals for Category: <b>Government/Military</b>	# of Breaches: 63 % of Breaches: 8.1%	# of Records: 34,222,763 %of Records: 20.2%
Totals for Category: <b>Medical/Healthcare</b>	# of Breaches: 277 % of Breaches: 35.5	# of Records: 112,832,082 %of Records: 66.7%
<b>Totals for All Categories:</b>	<b># of Breaches: 781 % of Breaches: 100.0</b>	<b># of Records: 169,068,506 %of Records: 100.0%</b>

## 2016 ( May 31<sup>st</sup> )

Totals for Category: <b>Banking/Credit/Financial</b>	# of Breaches: 11 % of Breaches: 2.6%	# of Records: 4,805 %of Records: 0.0%
Totals for Category: <b>Business</b>	# of Breaches: 205 % of Breaches: 47.7	# of Records: 2,391,665 %of Records: 19.0%
Totals for Category: <b>Educational</b>	# of Breaches: 51 % of Breaches: 11.9	# of Records: 365,817 %of Records: 2.9%
Totals for Category: <b>Government/Military</b>	# of Breaches: 21 % of Breaches: 4.9%	# of Records: 5,629,797 %of Records: 44.7%
Totals for Category: <b>Medical/Healthcare</b>	# of Breaches: 142 % of Breaches: 33.0	# of Records: 4,203,796 %of Records: 33.4%
<b>Totals for All Categories:</b>	<b># of Breaches: 430 % of Breaches: 100.0</b>	<b># of Records: 12,595,880 %of Records: 100.0%</b>

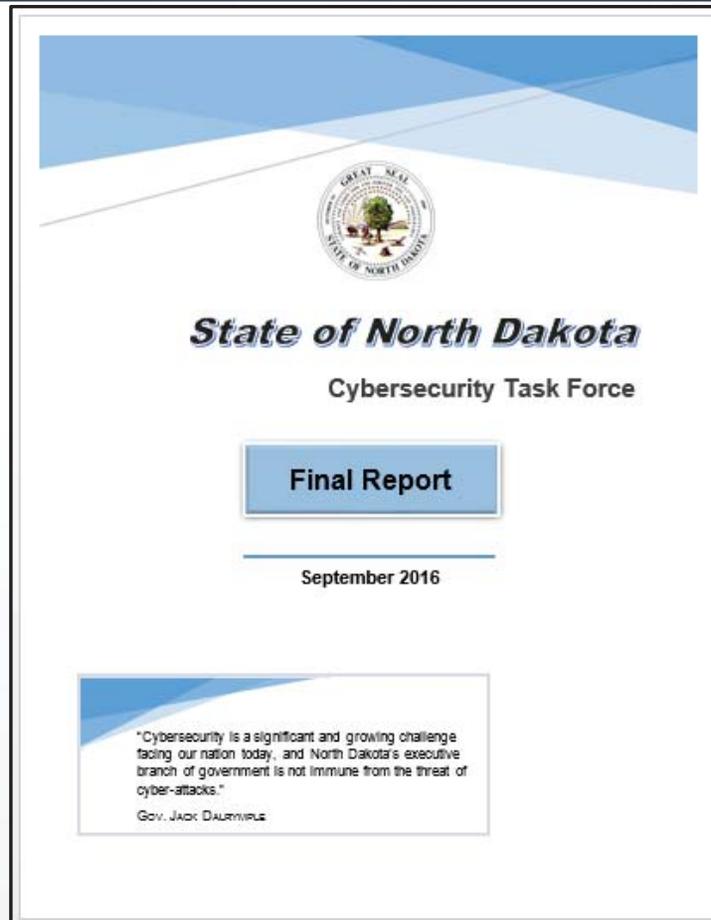
# US Statistics



# Application Inventory

- 52 Agencies Application Inventory templates received
- Line-of-business applications (to date):
  - 621 identified
  - 349 contain Personally Identifiable Information (PII) – 154 externally accessible
  - 115 contain Protected Health Information (PHI) – 39 externally accessible
  - 283 can be accessed externally
- Next steps:
  - Assess a risk rating to each application
  - Populate Configuration Management Database (CMDB)
  - Develop vulnerability scanning schedule
  - Maintain via IT Planning, 100K reviews, waivers, service requests, etc.

# Task Force Final Report



## 4 New ITD Security Positions for 2015-17



EduTech



Network



Computer Systems



State & Local Intelligence Center (SLIC)

***Questions?***

**THANK YOU**

Visit us at [\*www.ND.gov/ITD\*](http://www.ND.gov/ITD)