

# USE OF THE MINNESOTA ALL PAYER CLAIMS DATA SET (MN APCD)

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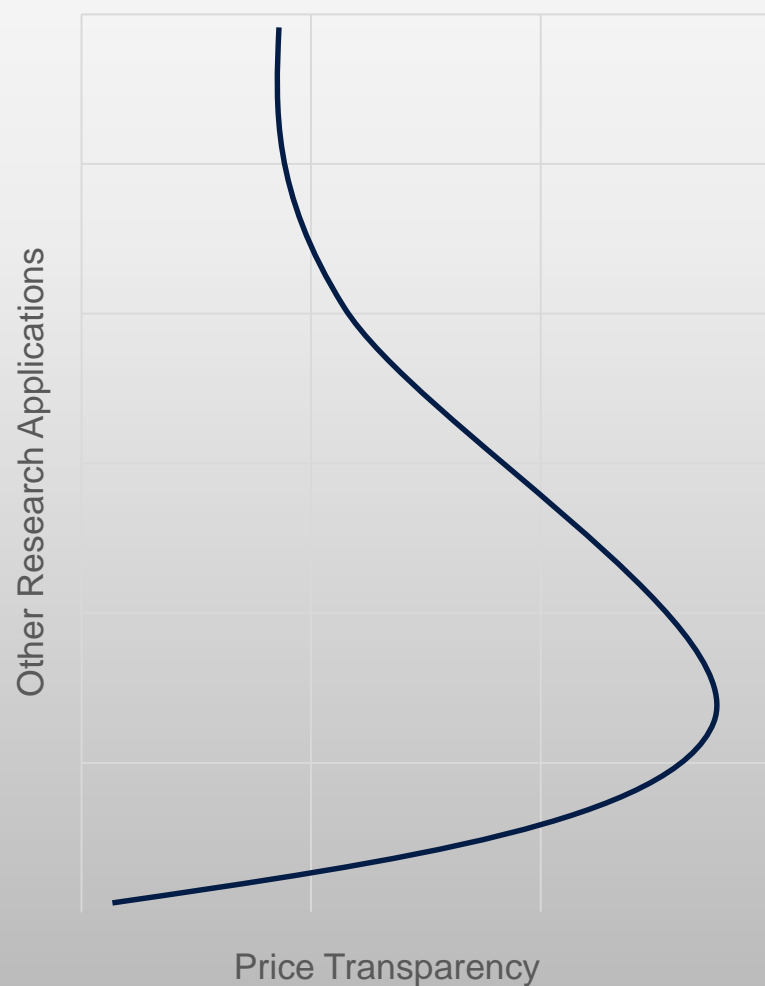
Annual Meeting  
National Association of Health Data Organizations  
October 30, 2015

Stefan Gildemeister  
Director, Health Economics Program

# Overview

- Purposes the MN APCD has been built for
- Applications of the MN APCD today
  - Examples
  - Next Steps
- Longer term priorities

# MN APCD Use: A Backward Bending Supply Curve



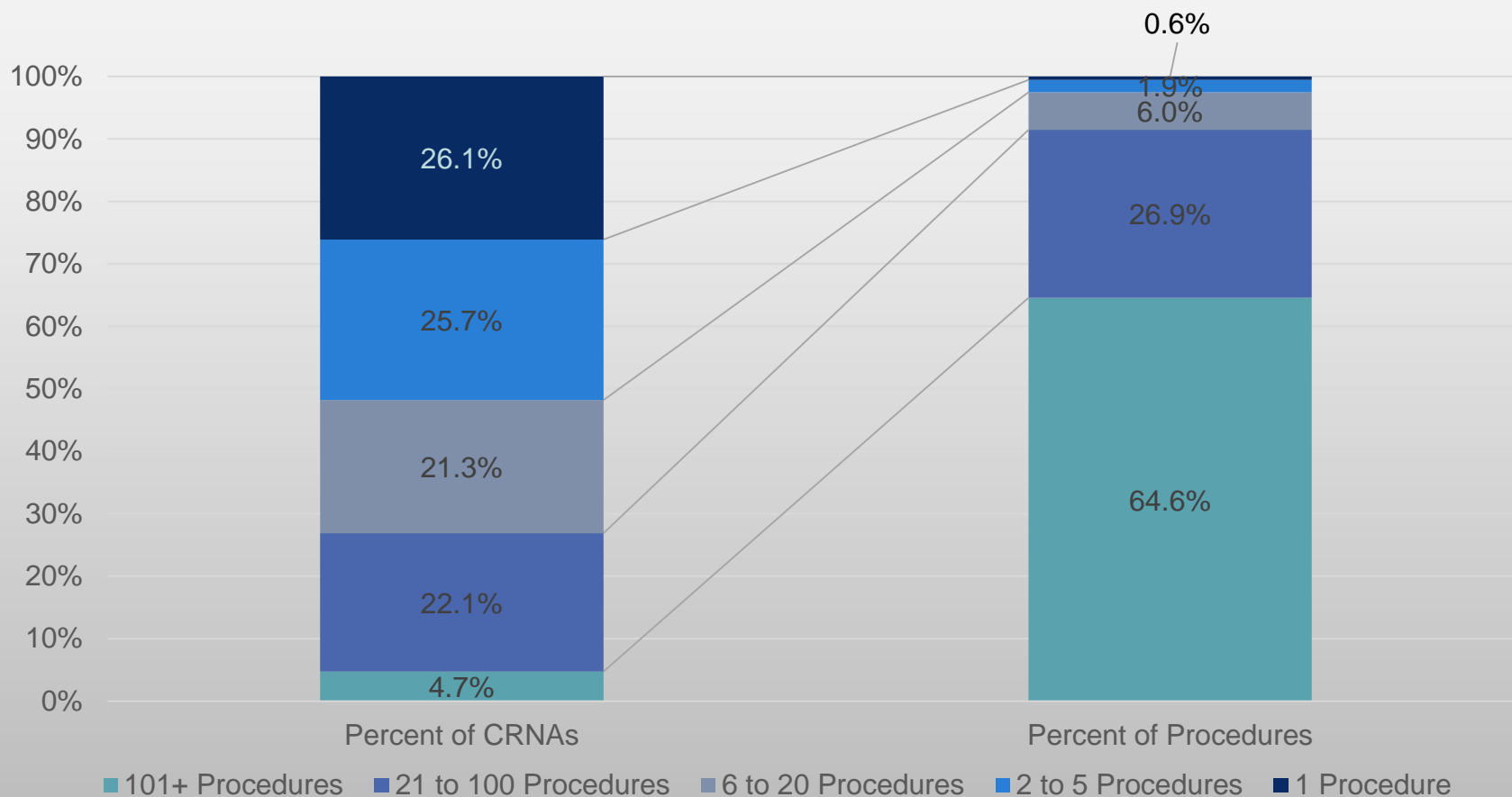
- Economics 101: Labor supply grows with wage, until it contracts
- MN APCD: Transparency and broader research applications

# Current Uses of the MN APCD, 2014 to 2016

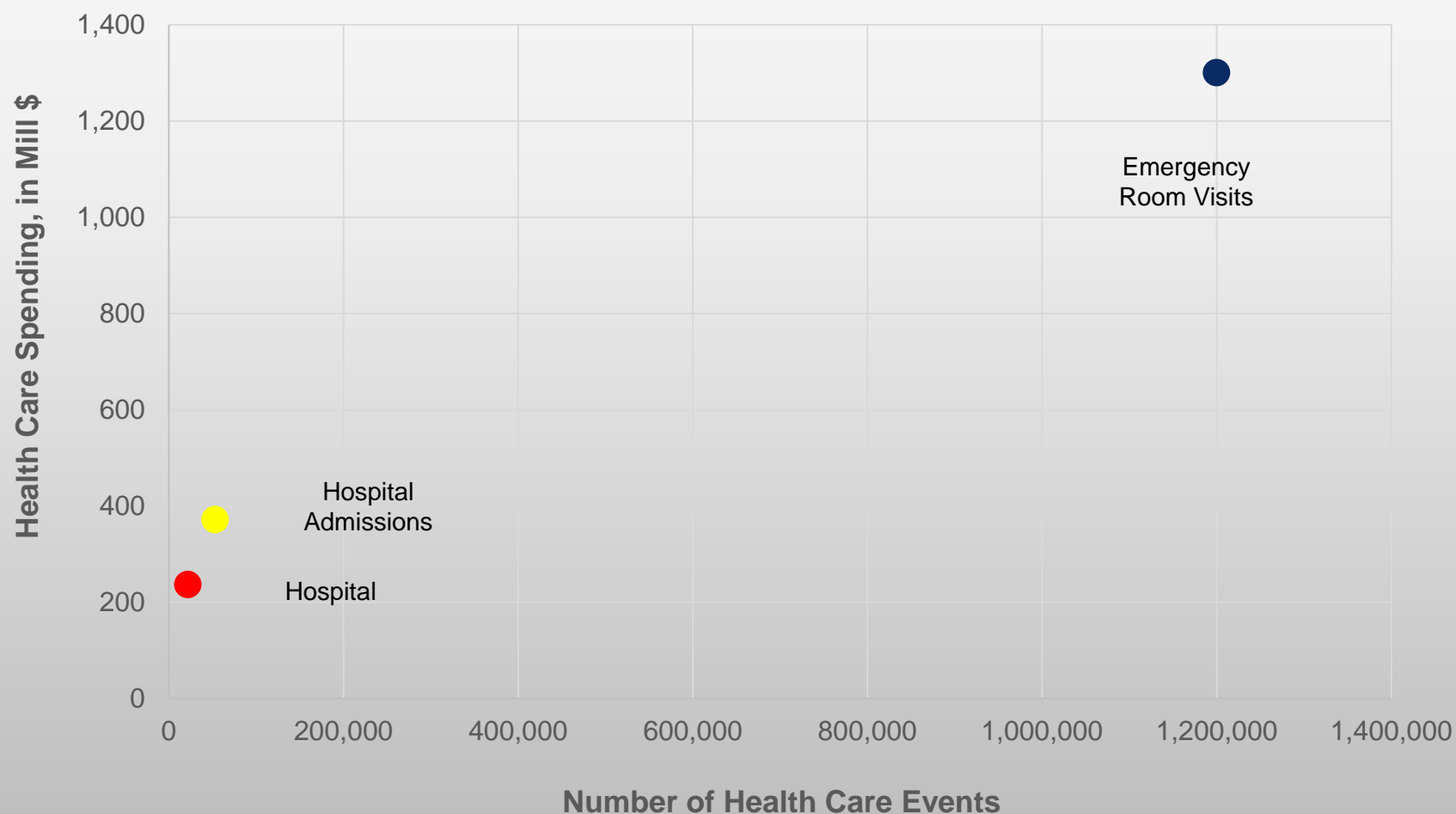


# Pain Management Services in MN: CRNAs

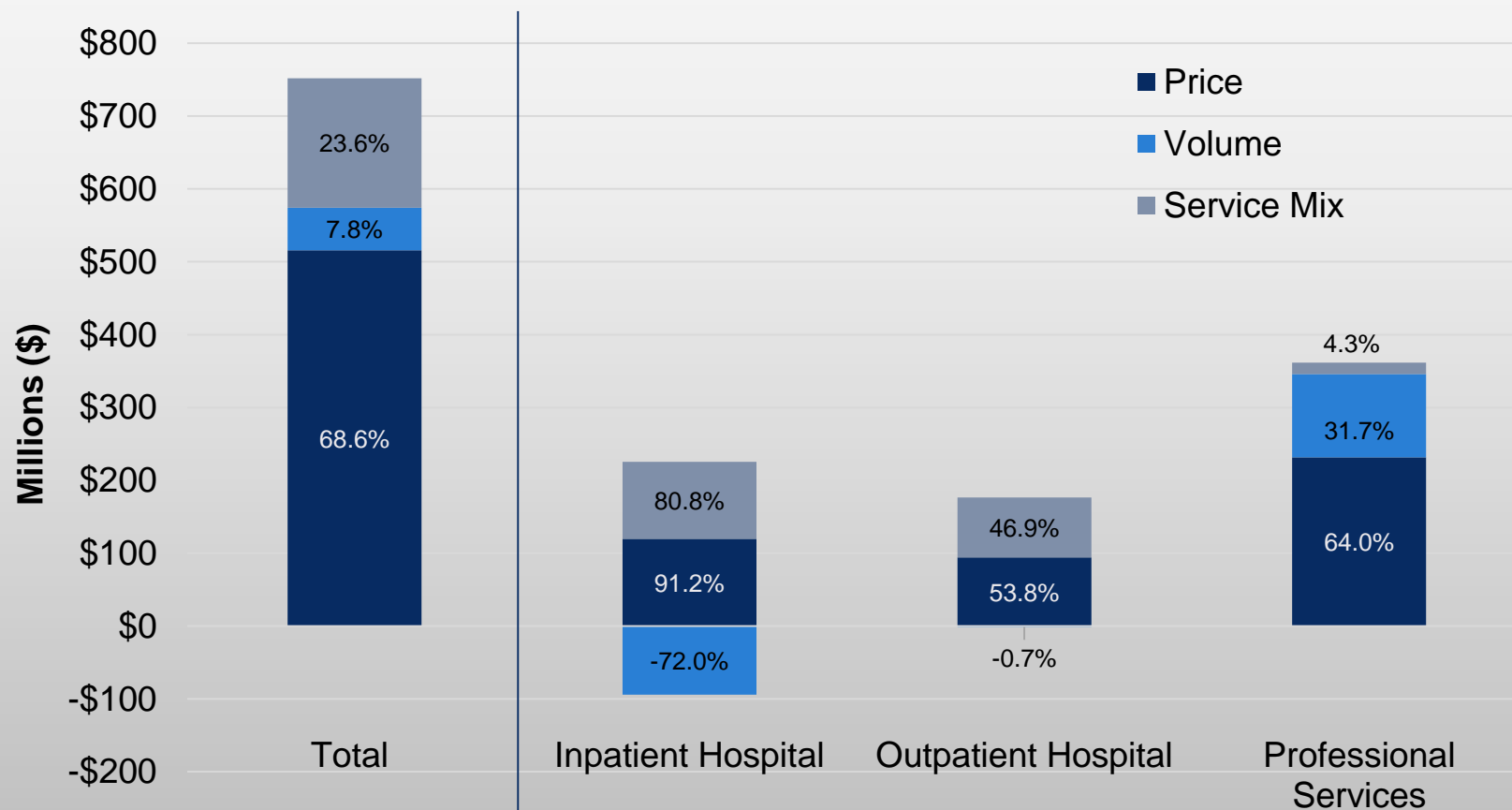
Number of Procedures (11,600) Performed by CRNAs (253)



# Potentially Preventable Health Care Events, 2012

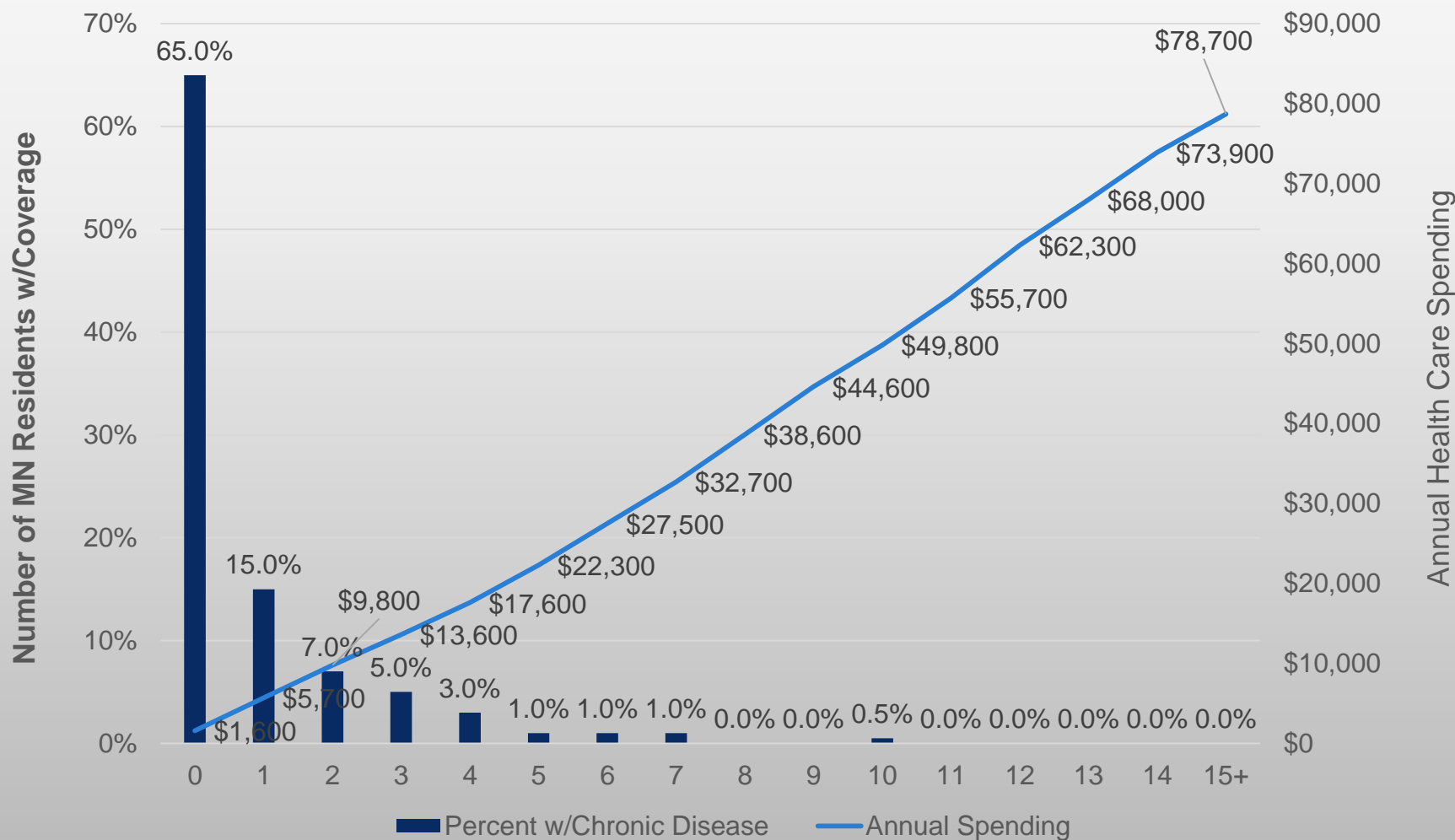


# Commercial Market Cost Drivers, 2011 to 2013



Source: Mathematica Policy Research analysis of Minnesota commercial all-payer claims data; forthcoming in MDH/Health Economics Program (2015), Minnesota Health Care Spending and Projection: 2013.

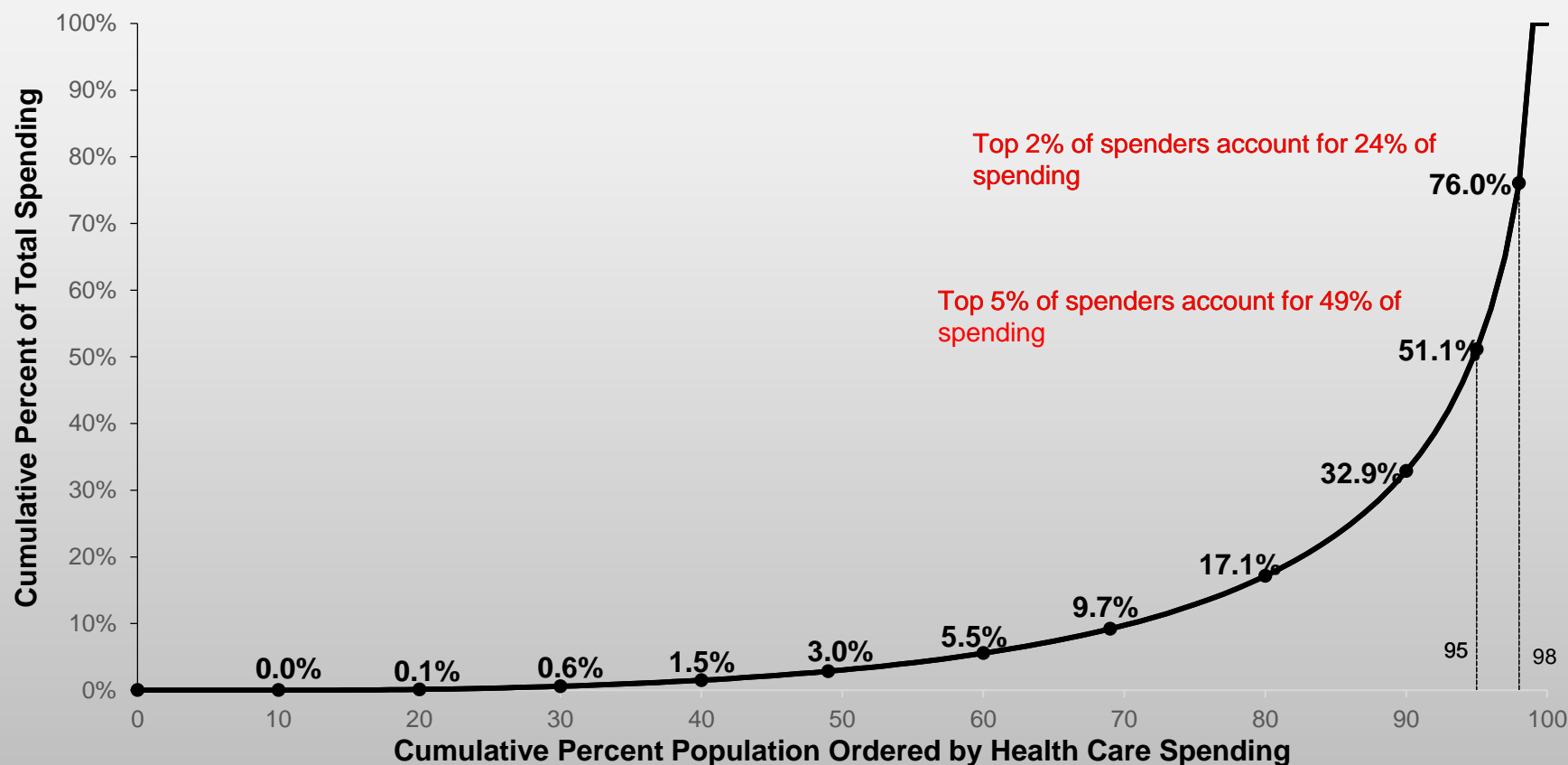
# Multi-morbidity of Chronic Disease and Health Care Spending, 2012



Source : MDH/Health Economics preliminary analysis of Minnesota All Payers Claims Data (MN APCD), Sept. 2015, forthcoming in: Minnesota Chronic Disease Atlas, 2012.

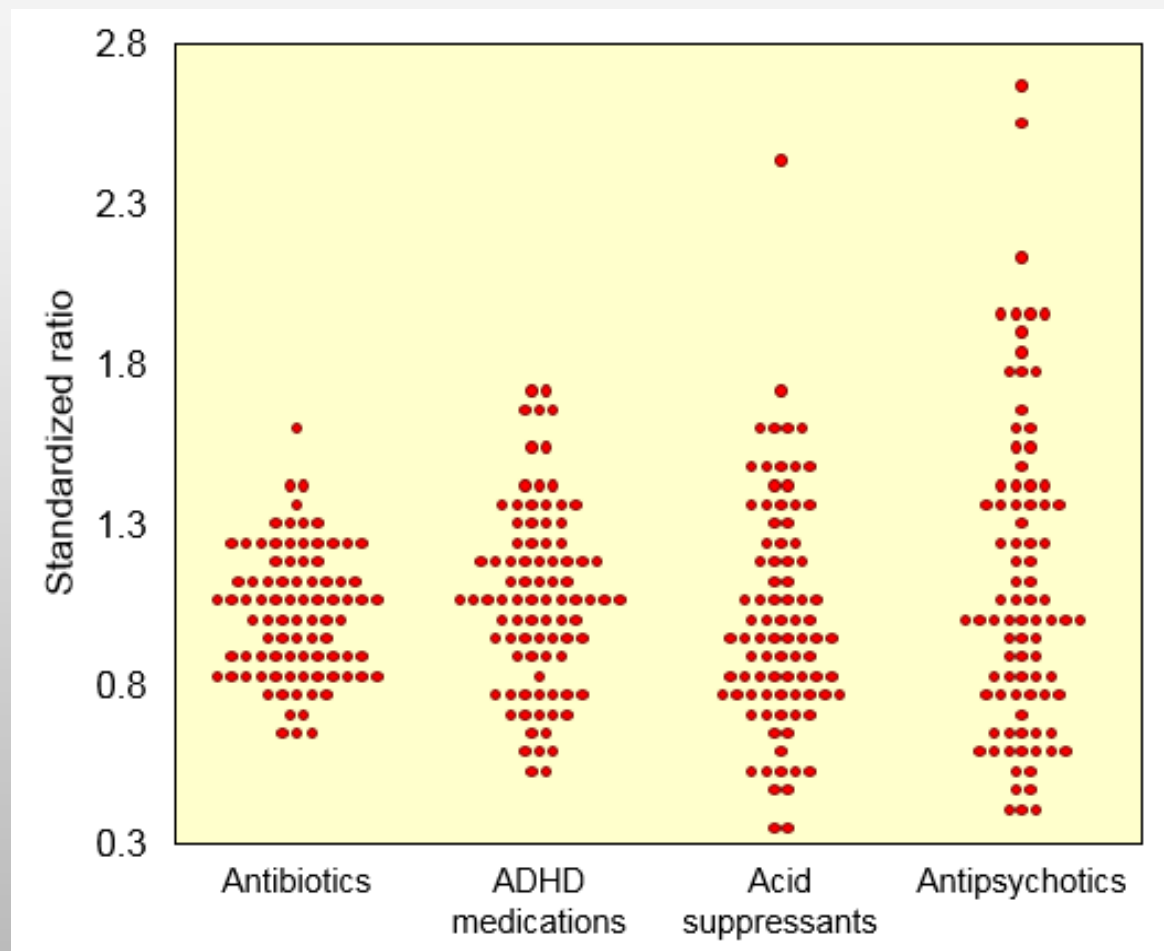
# The Most Important Graph in Health Policy?

Minnesota Health Spending is Concentrated Among the Highest Spenders  
(Minnesota Residents with Insurance Coverage, 2012)



# Pediatric Health Care Use in MN, 2013 to 2014

(Systematic Coefficient of Variation, MN Counties)



Source : MDH/Health Economics preliminary analysis of Minnesota All Payers Claims Data (MN APCD), Sept. 2015, forthcoming: Pediatric Health Care Use in Minnesota, 2013 to 2014.

# Other Ongoing Research

- Low-value health care services
- Prescription drug spending
  - Retail
  - Medical
- Assessing State Innovation Model implementation in MN
  - Cost
  - Utilization
- Epidemiological work
  - Traumatic brain injury
  - Readmissions for diabetes
  - Opioid Rx use
  - Antibiotic usage
- Assessing Data Quality

# Additional Information from the Health Economics Program Available Online

- Health Economics Program Home Page  
[www.health.state.mn.us/healthconomics](http://www.health.state.mn.us/healthconomics)
- Publications  
[www.health.state.mn.us/divs/hpsc/hep/publications/index.html](http://www.health.state.mn.us/divs/hpsc/hep/publications/index.html)
- Health Care Market Statistics (Chartbook Updates)  
[www.health.state.mn.us/divs/hpsc/hep/chartbook/index.html](http://www.health.state.mn.us/divs/hpsc/hep/chartbook/index.html)
- Interactive Health Insurance Statistics  
<https://pqc.health.state.mn.us/mnha/Welcome.action>
- Minnesota APCD  
<http://www.health.state.mn.us/healthreform/allpayer>

Contact the Health Economics Program at:  
651-201-3550 or [health.hep@state.mn.us](mailto:health.hep@state.mn.us)