Welcome!

WEBINAR - CHIME Survey Results and Industry Overview of the Use of Data & Analytics Within the Hospital Setting

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Welcome and Introductions

Jennifer Covich Bordenick

Chief Executive Officer

eHealth Initiative

What Does eHI Do?

- Work with our members to influence policy
- Convene multi-stakeholders to build consensus
- Members contribute through virtual forums:
  - Meaningful Use and Health Reform Policy
  - Health Information Exchange
  - HIT Infrastructure for Accountable Care
  - Data Analytics and Research
- Inform and mobilize through reports, weekly newsletters, educational events and policy alerts.

Housekeeping Issues

- All lines are muted
  - To ask a question or make a comment, please submit via the chat feature and we will address them in the order received at the appropriate time
- Today's webinar is being recorded.
  - Members can access slides and replays of any other webinar for free from eHI's store
  - Non-members can purchase access to any other webinar replay for $25.00
  - eHI Store
    - http://www.ehealthinitiative.org/store.html

Thank You to Our Sponsor

Overview of Our Agenda

- **Welcome, Introductions and 2012 CHIME Survey Results**
  - **Jennifer Covich Bordenick,** Chief Executive Officer, eHealth Initiative
  - **Fred Bazzoli**, Senior Director of Communications, CHIME

- **Overview of Trends Around the Use of Data and Analytics in Hospitals**
  - **Deborah Bulger**, CPHQ, Executive Director, Product Management, McKesson Enterprise Intelligence
  - **Evon Holladay**, MBA, Vice President, Business Intelligence, Catholic Health Initiatives
- **Questions and Answers**

- **Closing**

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Results from eHI & CHIME Survey
Use of Data and Analytics by Providers

Jennifer Covich Bordenick
Chief Executive Officer
eHealth Initiative

Fred Bazzoli
Senior Director of
Communications
CHIME

CHIME Survey

- eHI conducted a joint survey with CHIME to assess the use of data and analytics within hospitals and health networks.
- Over 90 responses received during four-week period.
- Areas of focus were:
  - types of data used
  - types of analytic functions used
  - types of functions needed
  - challenges to the use of data and analytics

Respondents

- CIO members of CHIME
- Type of organizations
  - Community hospital (36%)
  - Multi-hospital (30%)
  - Academic medical center (16%)
  - Clinic (8%)
- 73% of organizations reported annual revenues of more than $10,000,000
- 77% are using analytics software

Components Making Up Respondents IT Infrastructure

- Clinical Information System
- Financial Information System
- Laboratory Information System
- Electronic Health Record (EHR)
- Pharmacy Information System
- Picture Archiving Communication System (PACS)
- Radiology Information System

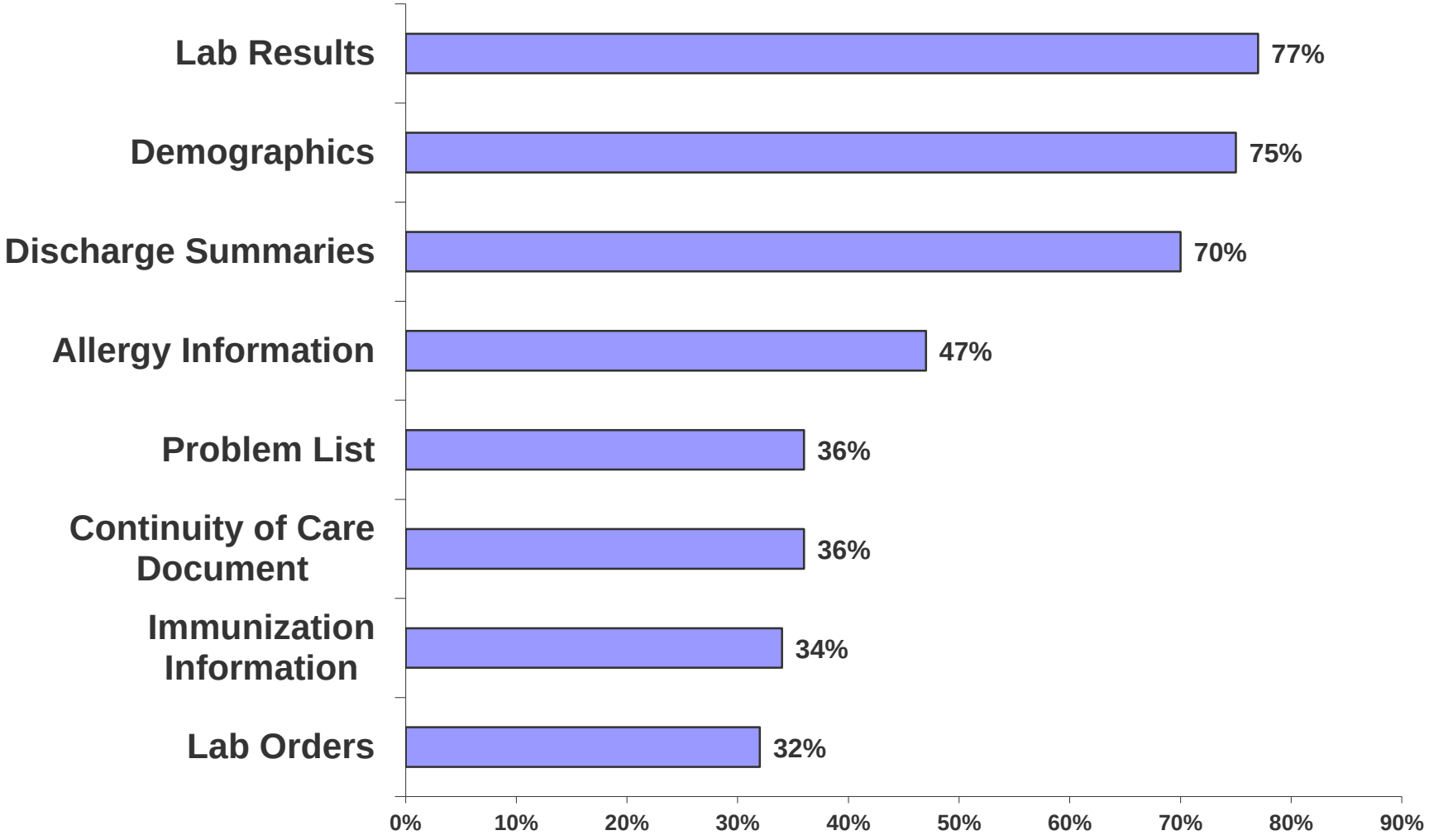
Most Common EHR Vendors Used by Respondents

- Allscripts
- Cerner
- Epic
- McKesson
- Meditech
- NextGen
- Siemens
- Other

Is Your Organization Part of an HIE?

- Yes (54%)
- No (46%)

Actively Exchanged Data



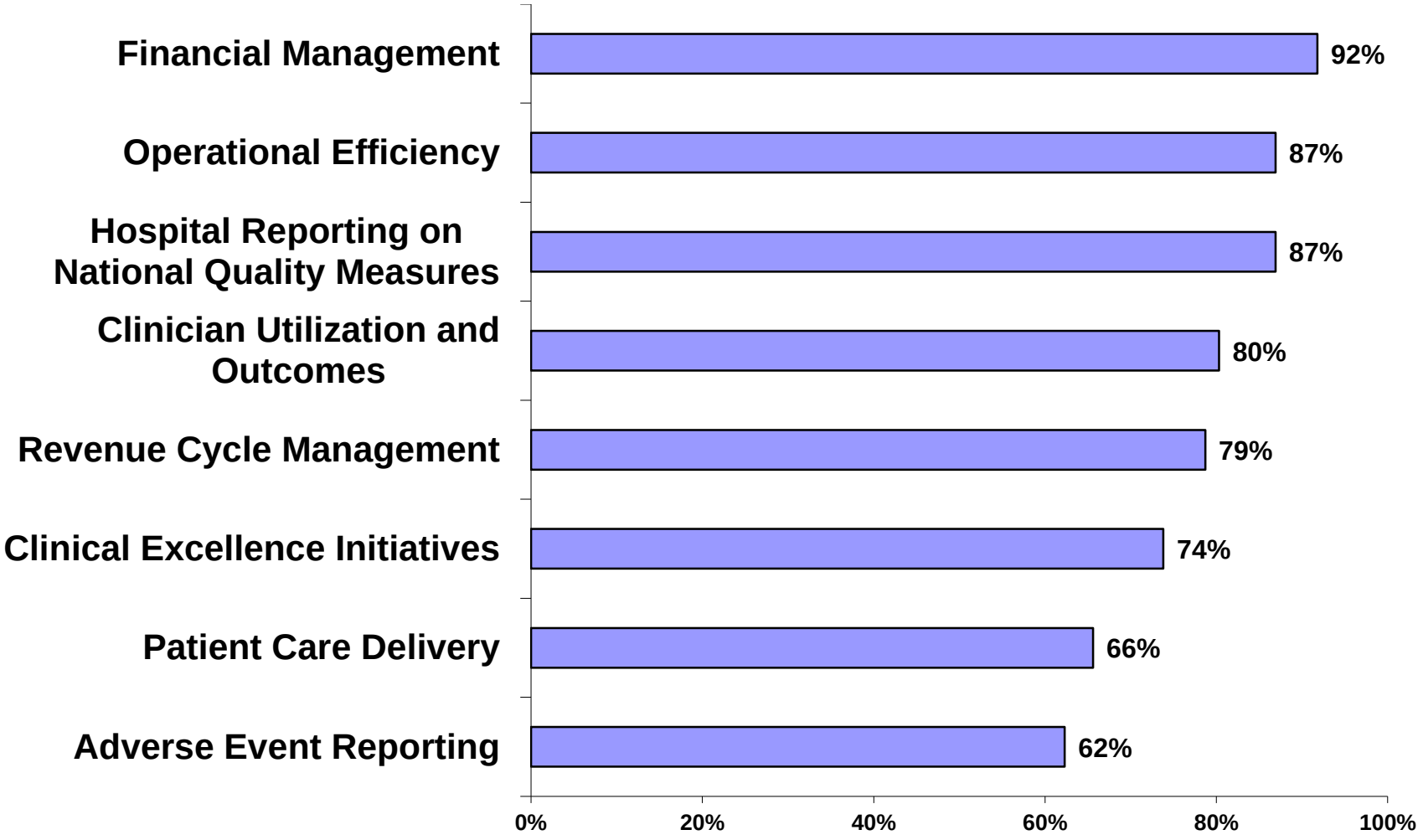
Using Software to Analyze Data

- Yes (77%)
- No (22%)

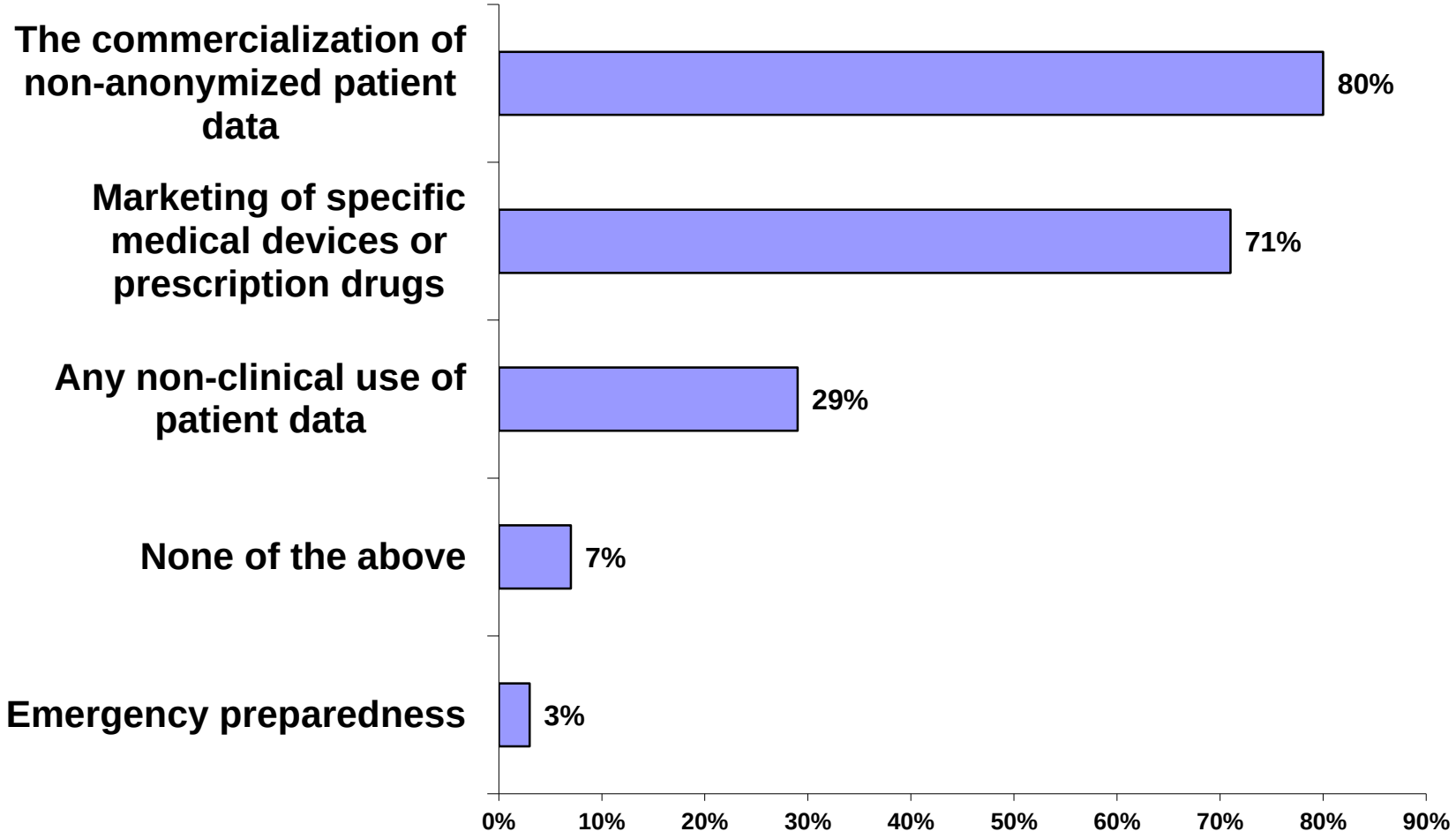
Most Important Uses of Data Reported by Respondents

- Clinician utilization and outcomes (30%)
- Clinical excellence initiatives (21%)
- Financial management (13%)
- Operational efficiency (13%)
- Patient care delivery (7%)

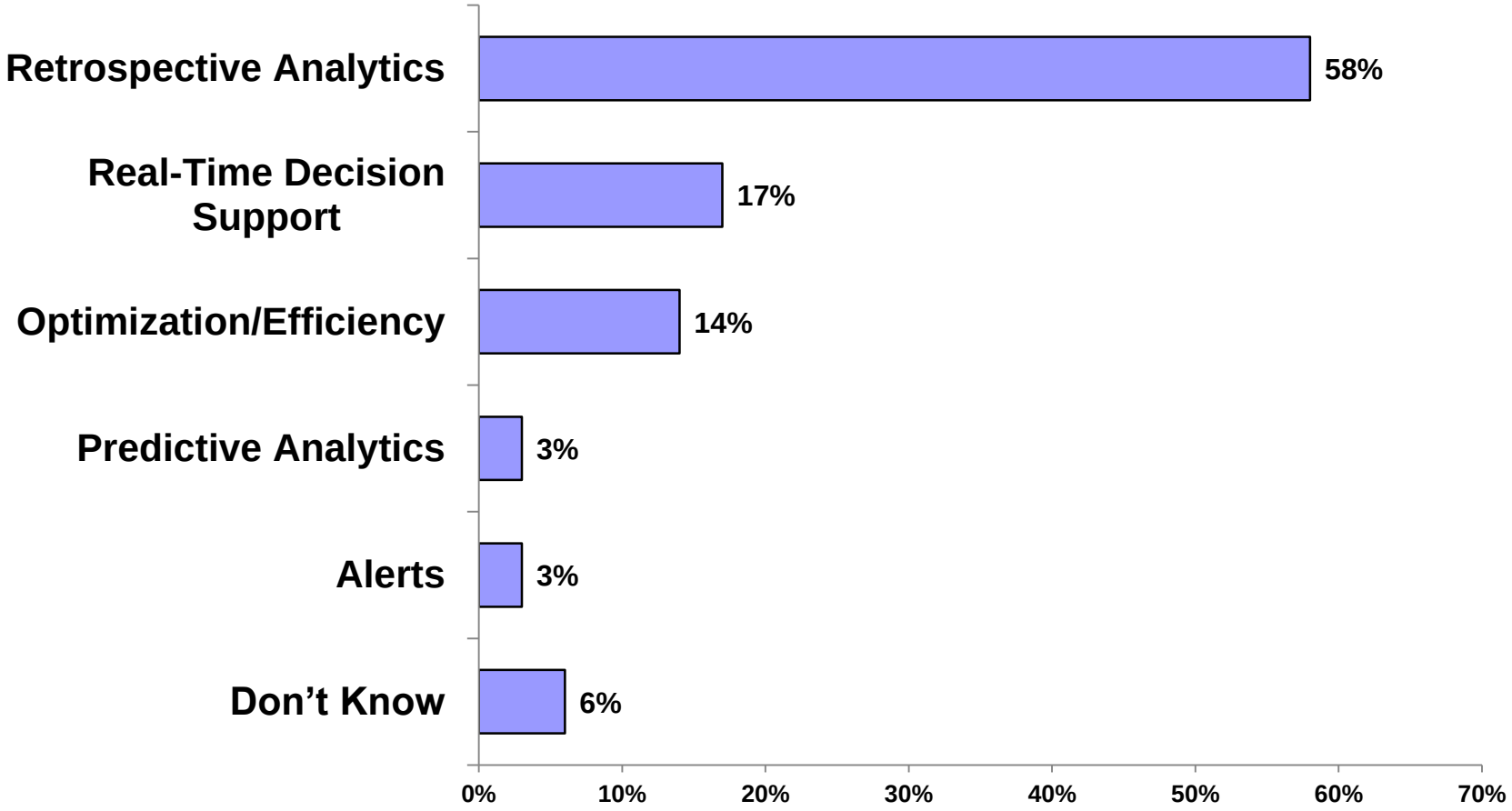
Actual Reported Uses of Data



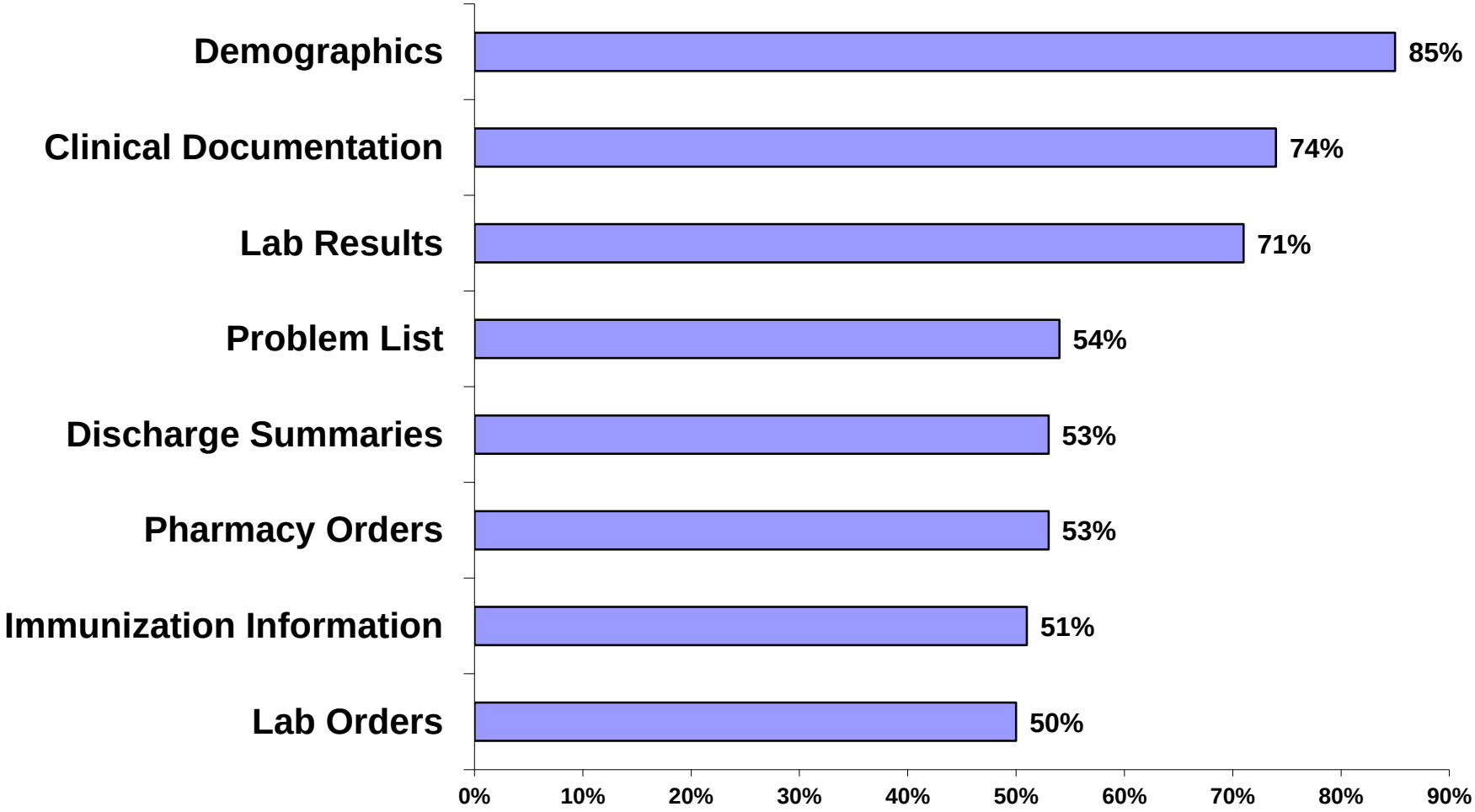
What Do You Consider to Be Inappropriate Uses of EHR Data?



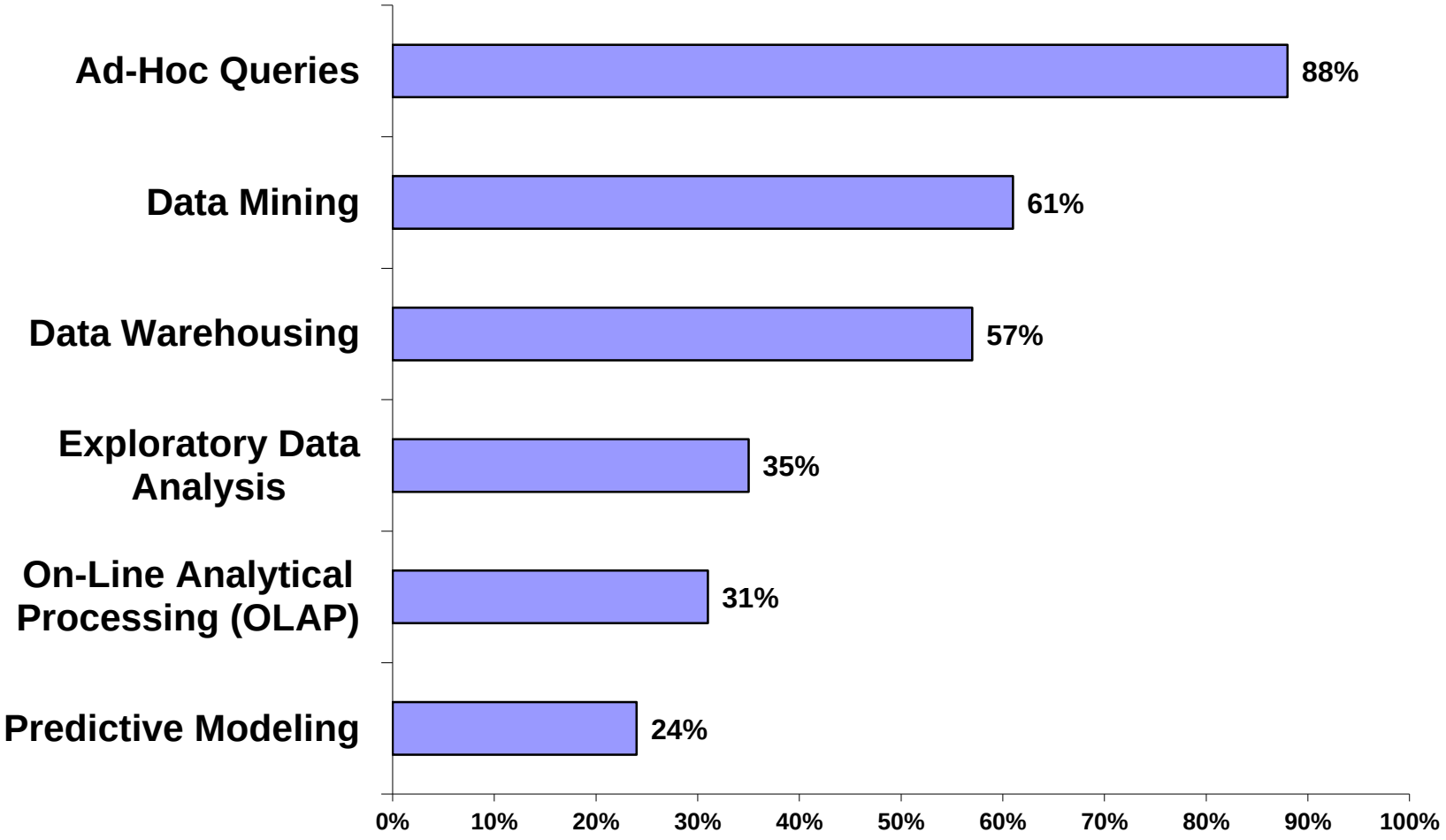
Where Majority of Analytical Resources are Directed



Sources of Data Extracted for Historical Purposes



Primary Analytic Functions



Data Ownership: Who Owns the EHR Data?

- Organization (72%)
- Patients (16%)
- Providers (6%)
- Don’t know (3%)
- None of the above (4%)

How Important is Data & Analytics to the Future of Your Organization?

93% VERY IMPORTANT

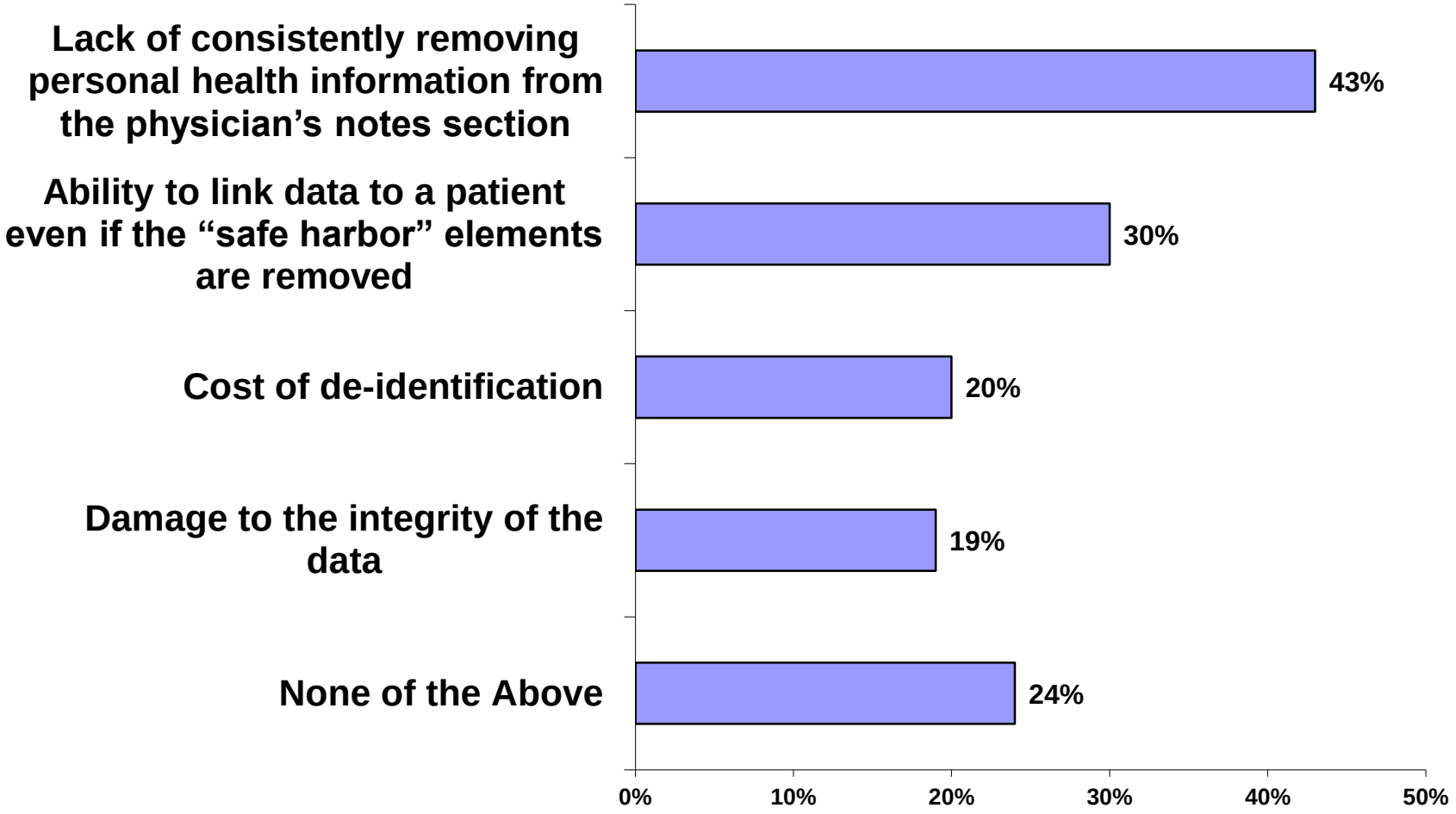
Organization Has What It Needs to Meet Analytics Requirements

- Yes (28%)
- No (72%)

Challenges to Using Data and Analytics

- Lack of standardized data across systems
- Lack of a system infrastructure to support analytics
- Cost of analytic software
- Concerns about privacy & security of data
- Lack of data integration
- Limited utility of the results to the organization

Issues Related to De-identification of Patient Data



Most Named Data and Analytics Vendors (alphabetical)

- Allscripts
- eClinical Works
- Epic Systems, Inc.
- Cerner
- McKesson
- Meditech
- Siemens Healthcare

Final Comments

- Standards…again
- Issues about ownership and de-identification
- Why are needs not being met?
- Tip of the iceberg

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Comments from Fred!

Fred Bazzoli
Senior Director of
Communications
CHIME

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Overview of Trends Around the Use of Data and Analytics in Hospitals

Deb Bulger, CPHQ

Executive Director, Product Management, McKesson Enterprise Intelligence

Healthcare Intelligence

Turning business strategy into economic reality

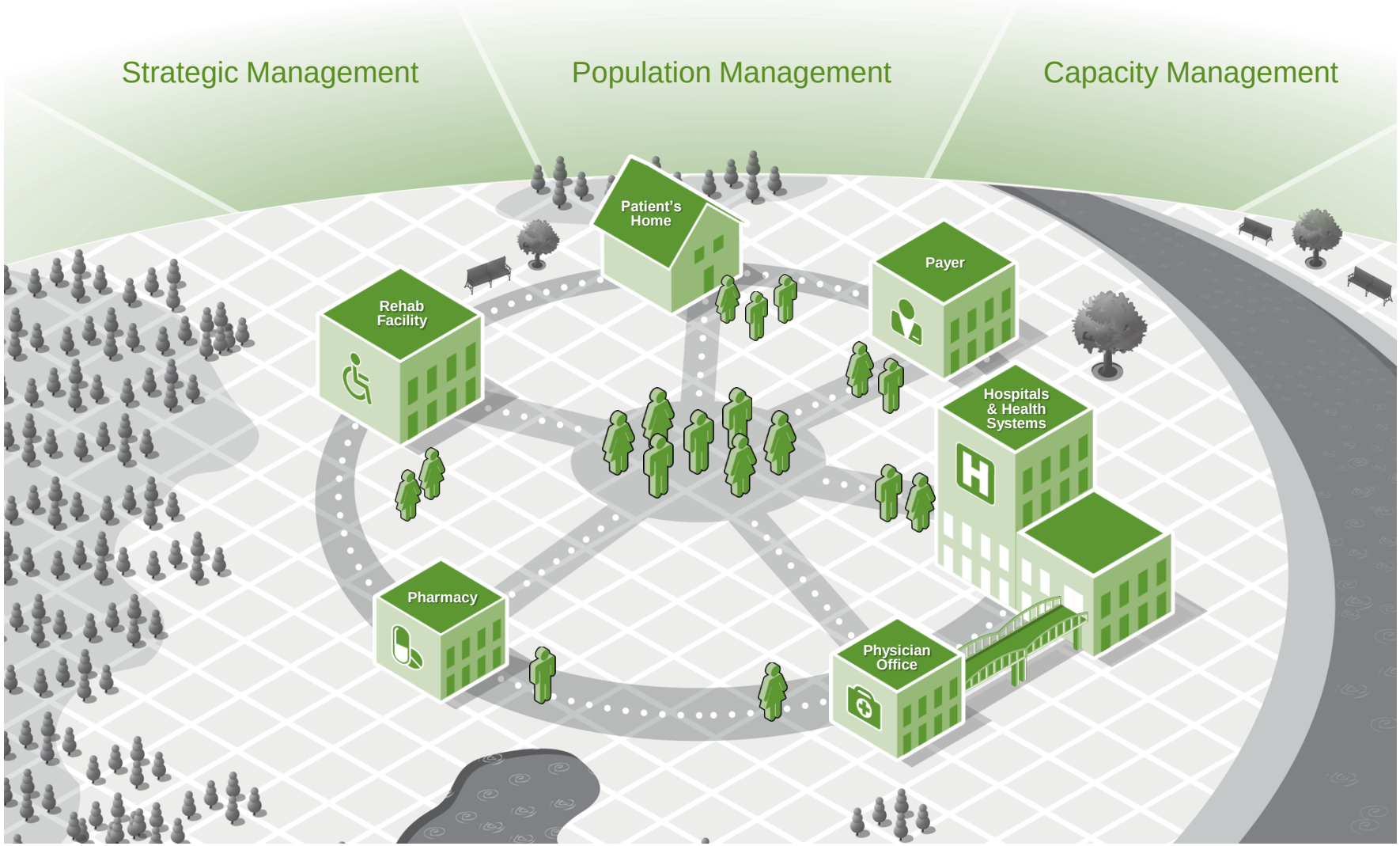
Deb Bulger, CPHQ

Executive Director, Strategic Marketing

McKesson

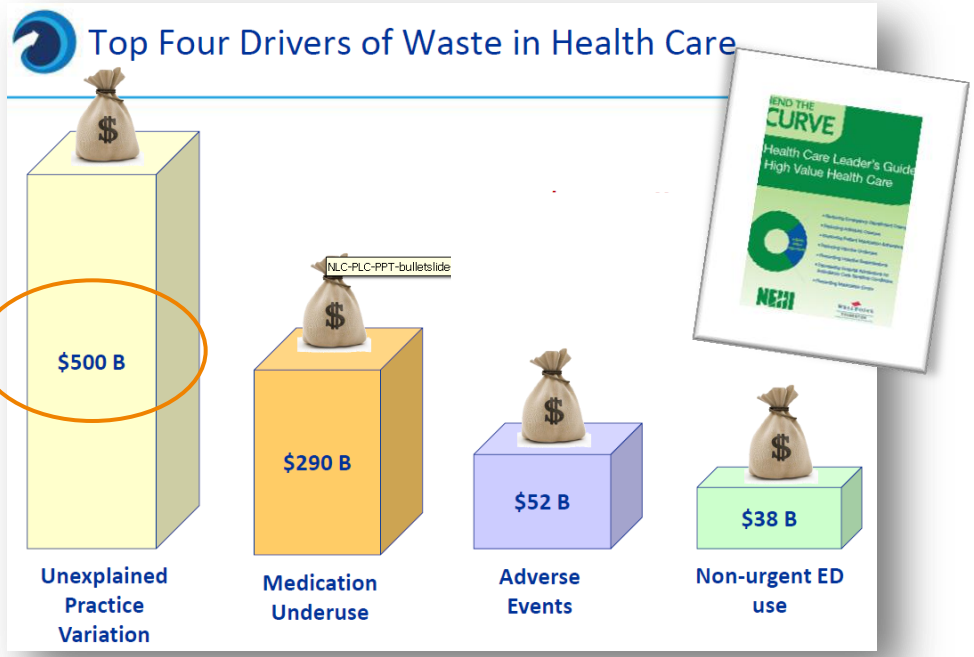
BUSINESS
CARE
CONNECTIVITY

What Does Healthcare Look Like in 2020



Understand the Opportunity

Practice Variation is the Top Driver of Waste, however….



http://www.nehi.net/publications/57/health_care_leaders_guide_to_high_value_health_care

…Few Organizations Managing the Impact of Value Reducing Events

MEASUREMENT AND USE OF BUSINESS INTELLIGENCE

To what extent does your organization measure and utilize business intelligence related to value in the following areas?

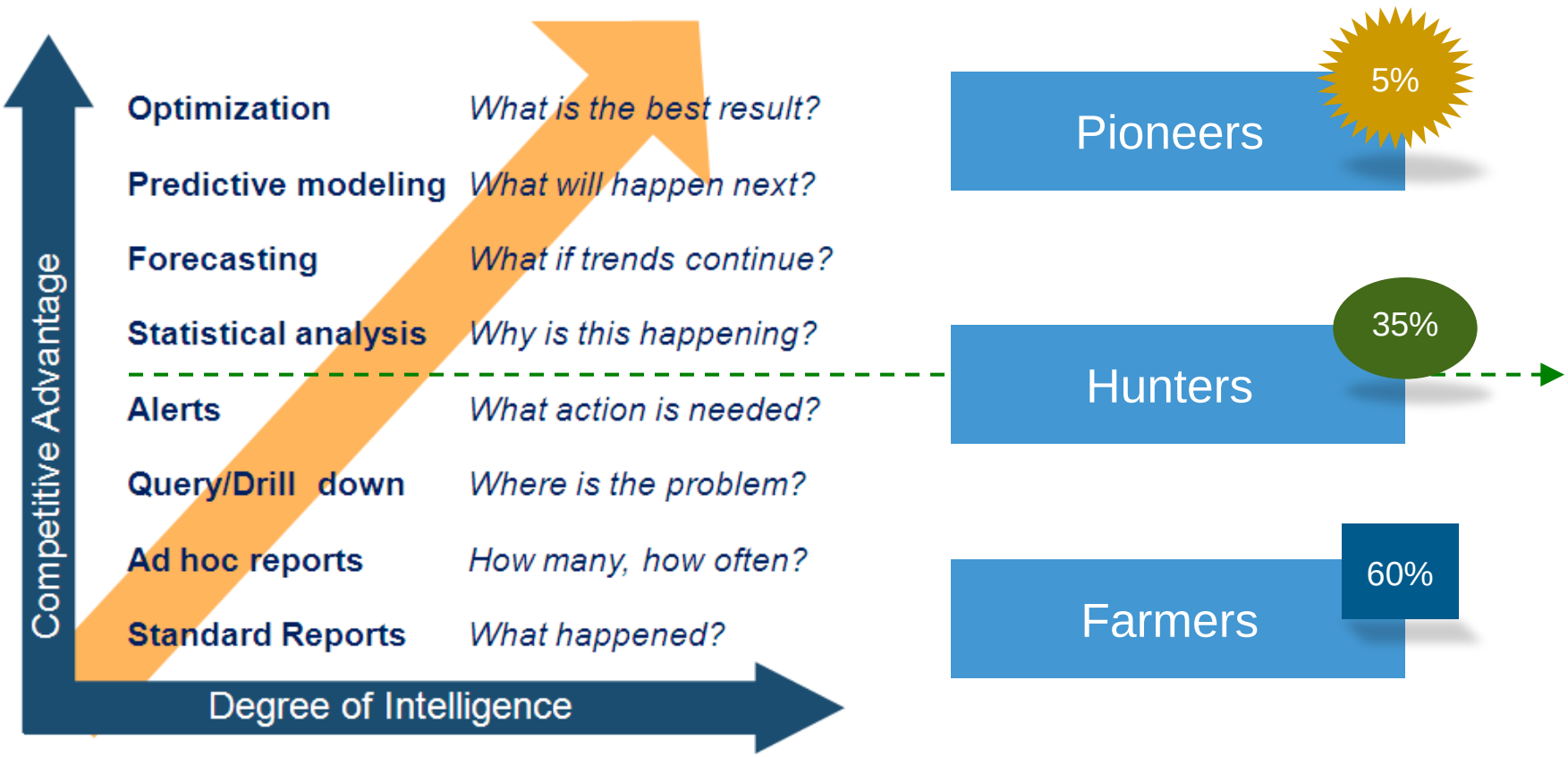
	Not	Measure	Manage
Costs of Adverse Events	43%	37%	20%
Margin Impact of Readmissions	38%	42%	20%
Cost of Waste in Care Processes (i.e. duplicative/ unnecessary tests/ procedures	50%	29%	21%

Not We do not measure.
Measure We have measured the impact, but do not manage to the metrics.
Manage We manage to these measures (e.g. data drives actions to reduce costs or improve margin).

Source: HFMA Value Project Survey, January 2011.

http://www.hfma.org/valueproject/

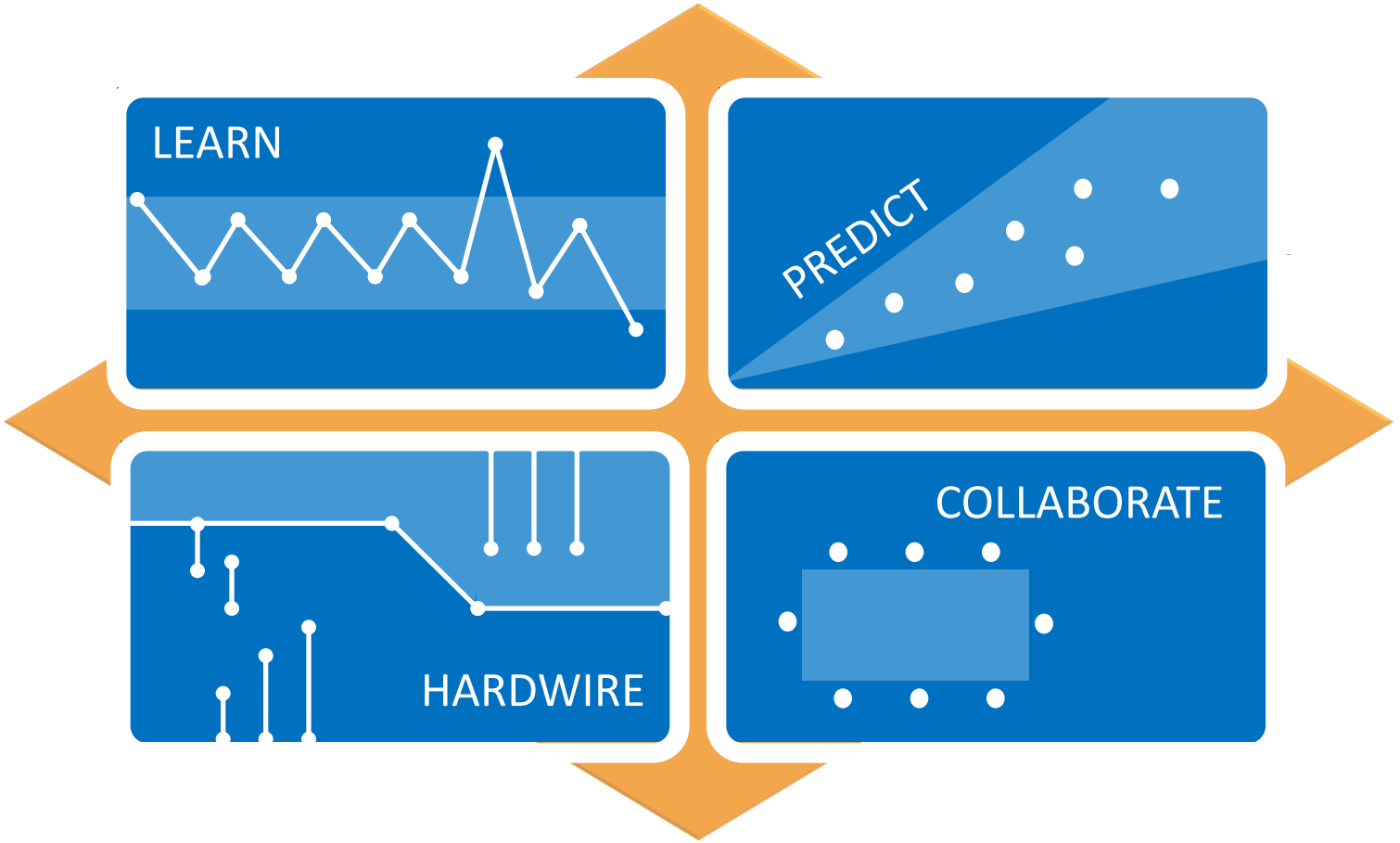
Develop Analytics Maturity



Source: *Competing on Analytics*, Tom Davenport

Collaborate Across the Enterprise

Enterprise Intelligence Model for Success



Enterprise Intelligence

Business strategy to economic reality…

Questions?

McKesson Corporation Confidential and Proprietary

Thank You to Our Speakers

- Fred Bazzoli
- Deb Bulger
- Evon Holladay

Slides/Recording for Sale

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Take Advantage of eHI Resources

- **Reports and Directories**
  - Vendor Report
  - List of HIEs and Selected Vendors
  - Sustainability Report
- **Upcoming Events** ***(Updates on www.ehealthinitiative.org)***
  - ***NMIS 2012 – 24-25 September 2012****, The Davenport Hotel, Spokane, Washington*
  - Stay tuned for four (4) upcoming eHI webinars in September 2012
  - *Save the Date!* ***eHI Annual Conference*** *-* ***February 11-13, 2013****, Wyndham Orlando Resort, Orlando, Florida*

Contact Information

- Sponsorship and Membership:
  - Amy Eckenroth, 202.624.3265, amy.eckenroth@ehealthinitiative.org
- General Feedback or Questions about eHI:
  - info@ehealthinitiative.org
- Jobs, fellowships, internships
  - jobs@ehealthinitiative.org

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