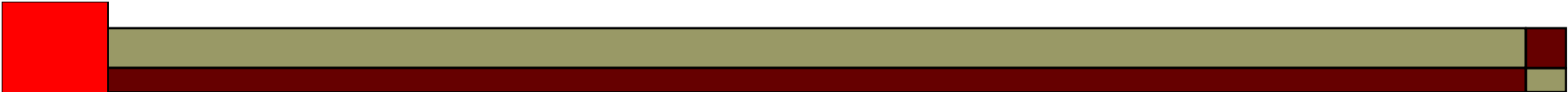


# **CMS Strategies for Improving Quality**

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# **Presenter Disclosure Information - William Taylor, CMS**

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# Types of CMS Quality Initiatives

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- Regulation and enforcement
- Consumer information on quality
- Rewards for high performance
- Community-based quality improvement
- Collaboration and partnership



# CMS Quality Roadmap

CMS strategies to improve patient care and quality

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- Partnerships
- Quality measurement and information
- Public reporting
- Improve the payment system
- Health information technology
- Assist practitioners and providers for quality improvement



# Potential for Public Reporting

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- Beneficiaries and the public – choice
- Providers - objective feedback on performance
- Health facilities – improving processes of care
- Local and national comparisons
- Identifying best practices
- Supporting quality improvement
- Foundation for establishing incentives for quality improvement
- Quality culture

# Hospital Quality Alliance (HQA): Improving Care Through Information

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- HQA public-private collaboration on measurement and reporting
  - American Hospital Association
  - Federation of American Hospitals, Association of American Medical Colleges
  - AMA
  - AHRQ, CMS, Quality Forum, JCAHO
- Goals
  - National standard set of measures
  - National reporting
  - Standardization, oversight, incentives, commitment, and leadership.





# Hospital reporting measures - 1

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- Acute myocardial infarction
  - Aspirin at arrival and discharge
  - Beta-blocker at arrival and discharge
  - ACE or ARB for left ventricular systolic dysfunction
  - Smoking cessation
  - Thrombolytic agent within 30 min of arrival
  - Percutaneous coronary intervention within 120 min of arrival
- Heart failure
  - Left ventricular function assessment
  - ACE or ARB for ventricular systolic dysfunction
  - Comprehensive discharge instructions
  - Smoking cessation



# Hospital reporting measures - 2

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## □ Pneumonia

- Antibiotic received within 4 hours of arrival
- Pneumococcal vaccination status
- Blood culture received before first antibiotic
- Smoking cessation
- Oxygenation assessment
- Appropriate initial antibiotic selection

## □ Surgical infection

- Prophylactic antibiotics within 1 hour before incision
- Prophylactic antibiotics stopped within 24 hours after surgery ends.

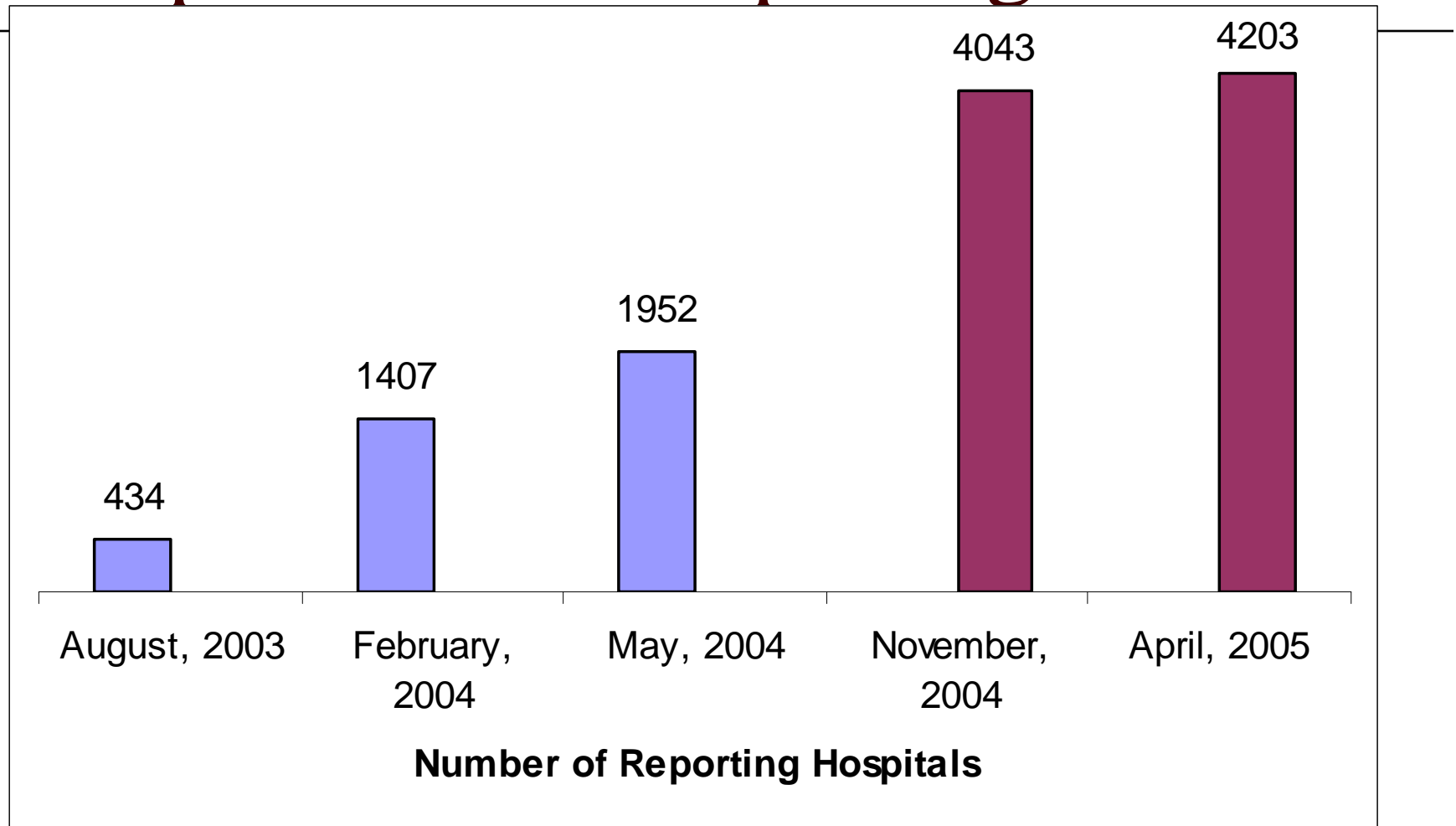


# HQA: Evolving Measures

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- 10 original measures on AMI, heart failure, pneumonia then increased to 19
- 22 clinical measures reported adding surgical care improvement
- Standardized patient perception of care survey measures using HCAHPS (by 2007)

# Hospital Public Reporting



# HQA: Hospital Compare

## Making Reporting Public

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- <http://www.hospitalcompare.hhs.gov>
- Reported data is presented in the Hospital Compare Tool
- Heart attack, heart failure, pneumonia, or having surgery
- Quality information is not available on this website for children's, psychiatric, rehabilitation or long-term care hospitals
- More than 4,000 hospitals are reporting the 10 measures, most report 19 measures, and 1,350 hospitals submit surgical infection prevention measures
- Hospital Compare is a place for consumers to start a conversation with their physicians about how to get the best care. Hospital Compare equips consumers





# Premiere Hospital Quality Incentive Demonstration Project, 2003-2006

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- Premiere a purchasing organization for 1500 not-for-profit hospitals.
- 278 hospitals participate in a 3-year demonstration
- Measuring, tracking, and reporting quality in a data system used by 500 hospitals.
- Can incentives improve quality and reduce hospital costs.



# Premiere Hospital Quality Incentive Demonstration Project - 2

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- 5 Conditions measured for quality
  - Acute myocardial infarction
  - Heart failure
  - Community acquired pneumonia
  - Coronary artery bypass graft
  - Hip and knee replacement



# Premiere Hospital Quality Incentive Demonstration Project - 3

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- 34 Outcome measures
  - from NQF, CMS, JCAHO, Leapfrog, AHRQ
  - Inpatient mortality
  - Post-operative hemorrhage
  - Post-operative metabolic derangement
  - Readmission within 30 days post discharge
  - Public reporting on the CMS website after audit validation.



# Incentives for the Premiere Hospital Quality Incentive Demonstration Project

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- Top 50% in each condition will be recognized on the CMS web site
- Each year the top 20% in performance for each condition will receive a bonus, 2% or 1% amounting to \$7 million per year
- Baseline performance thresholds established in Year 1 for each clinical area for the lower 20%
- In year 3 hospitals that perform below those thresholds will have reductions of payment of 2% or 1%.

# Premier Demonstration

## *Year One Results*

	Initial Score	Year End Score
Acute Myocardial Infarction	89.9%	92.6%
Coronary Artery Bypass Surgery	85.7%	90%
Heart Failure	64.1%	76.2%
Hip and Knee Surgery	84.9%	90.5%
Pneumonia Treatment	70%	90%



# Transformational Change Is Needed to Achieve This Vision

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- Patient- rather than provider- focused care
- Four strategies
  - Measure and report performance
  - Use health information technology
  - Redesign care process
  - Transform organizational culture



# Health Care Transparency

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- ❑ Increase transparency in pricing.
- ❑ Increase transparency in quality.
- ❑ Encourage adoption of HIT standards.
- ❑ Promote quality and efficiency in health care.

Health care transparency: empowering consumers to save on quality care.

Executive order, White House, August 22, 2006.



# AQA Membership

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- American Academy of Family Physicians
- American College of Physicians
- America's Health Insurance Plan
- Agency for Healthcare Research and Quality
- Now up to 125 organizations, unite with HQA
- Mission
  - “Improve health care quality and patient safety through a collaborative process ... measuring performance at the physician level; ...reporting meaningful information to consumers, physicians and other stakeholders to inform choices and improve outcomes”



# AQA Clinical Performance Measures for Ambulatory Care - 26

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- Breast cancer screening
- Colorectal cancer screening
- Cervical cancer screening
- Tobacco use
- Advising smokers to quit
- Influenza vaccination
- Pneumonia vaccination
- Coronary artery disease – 3
- Heart failure - 2
- Diabetes – 6
- Asthma – 2
- Depression – 2
- Prenatal care – 2
- Overuse, misuse - 2



# AQA Pilot Projects

## MA, AZ, IN, MN, WI, CA

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- ❑ Coalitions and community involvement
- ❑ Accountability
- ❑ Developing IT infrastructure
- ❑ Health plans, employers, physician groups
- ❑ Measures at physician level
- ❑ Reports to physicians and health plans
- ❑ Public web sites



# Summary themes

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- Public reporting
- Incentives
- Health care transparency
- Ensuring a foundation of quality, measurement, and process improvement
- Health information technology