

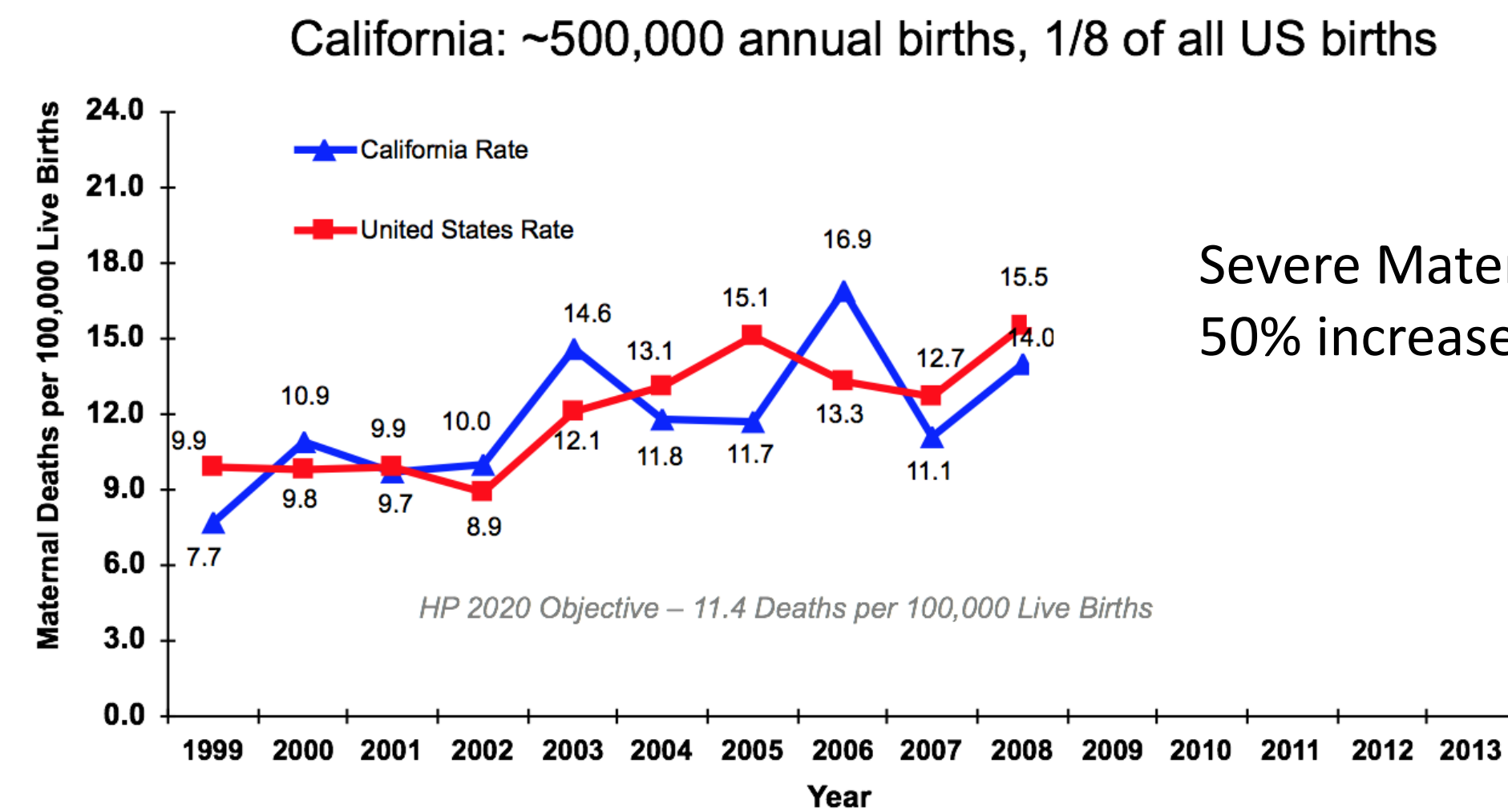
California Maternal Quality Care Collaborative

At Stanford University

The Problem



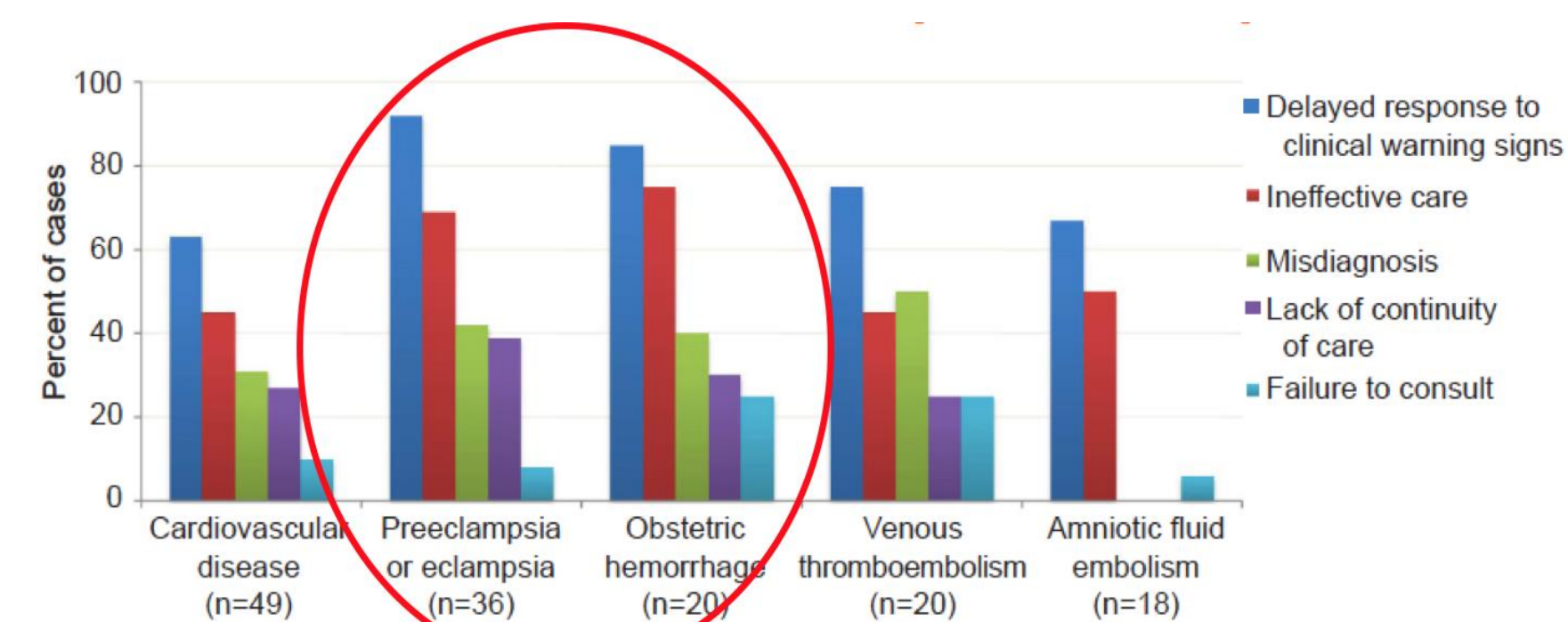
Maternal Mortality Rate, California and United States; 1999-2013



Severe Maternal Morbidity: 50% increase

Rising Maternal Mortality and Morbidity Rates

Contributing Factors in CA Maternal Deaths



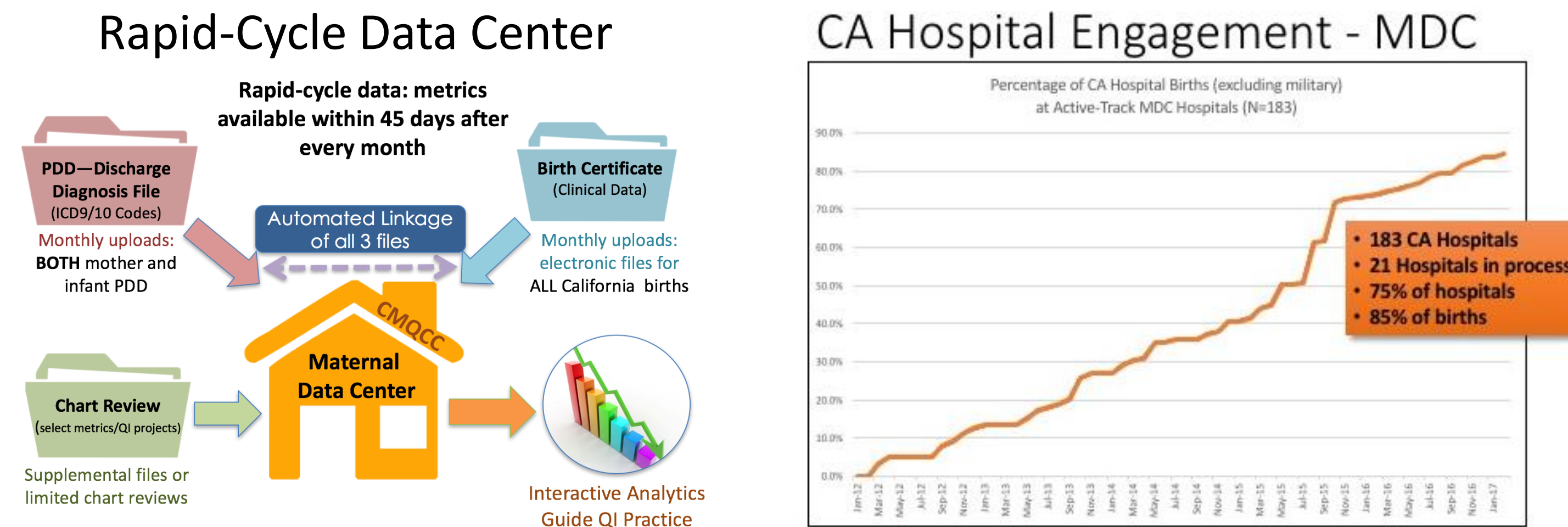
From detailed chart reviews of maternal deaths (CA-Pregnancy Associated Mortality Review Committee; CDPH-MCAH)

About CMQCC

CMQCC's mission is to end preventable **mortality** and **morbidity** in maternity care. We are a multi-stakeholder organization that drives improvement in maternal and infant outcomes through **rapid-cycle data analytics** and **collaborative action**.

CMQCC Actions at Scale

Rapid Cycle Data / Maternal Data Center



Links >1,000,000 mother-baby records each year

Examples of Statewide QI Projects

National Toolkit for Early Elective Deliveries

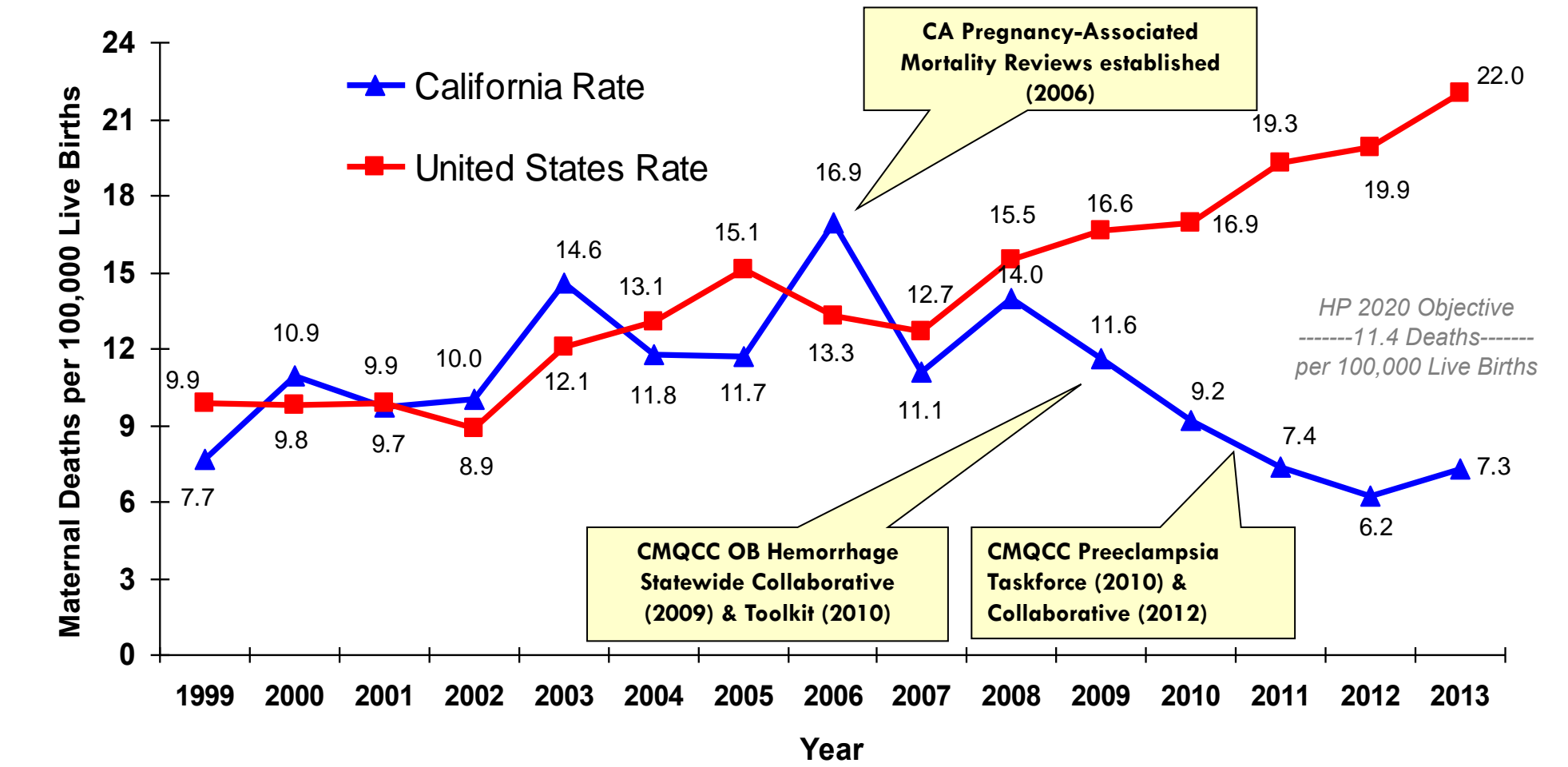
Mentor Model: New Twist on IHI Breakthrough Collaborative: **126 Hospitals**

Infrastructure to Support Change at Scale for Multiple Projects

- Rapid-Cycle Data Center
- Multi-stakeholder partnerships
- Quality improvement tool kits
- Large-scale QI collaboratives using the Mentor model

Results

Maternal Mortality Rate, California and United States



Reduced Maternal Mortality Rate

Summary

- Maternal mortality declined by **55%** between 2006 to 2013
- Severe maternal morbidity was reduced by **20.8%** from 2014 to 2016 among 126 hospitals
- Full term births increased by 8%--Reduced 120,000 Early Term Births
- Latest Project: First Birth Cesareans are down >10%

Keys to Success

Linkage to State Maternal Mortality Review Process

- Creates urgency and a willingness to change
- Data Collection System--Low Burden, Rapid-Cycle (45 days old)
- Partnered with—Vital Records: "Green Data"
- Includes all births in California (90% within 45 days)

Partner Organizations Provide Leverage

- State DPH, Hospital Assn, Professional Assns. (ALL!), Payers Purchasers, and Public Organizations

Ties to National Projects and National Organizations

- Lends legitimacy and provides resources