



The Office of the National Coordinator for
Health Information Technology

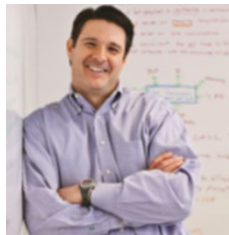


Strategic
Hhealth
IInformation
EExchange
Collaborative

Health Information Exchange Organization impact



2019 SHIEC Survey Results



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CEO, MyHealth Access Network
Board, Strategic HIE Collaborative
Board Chair, National Committee for Quality Assurance



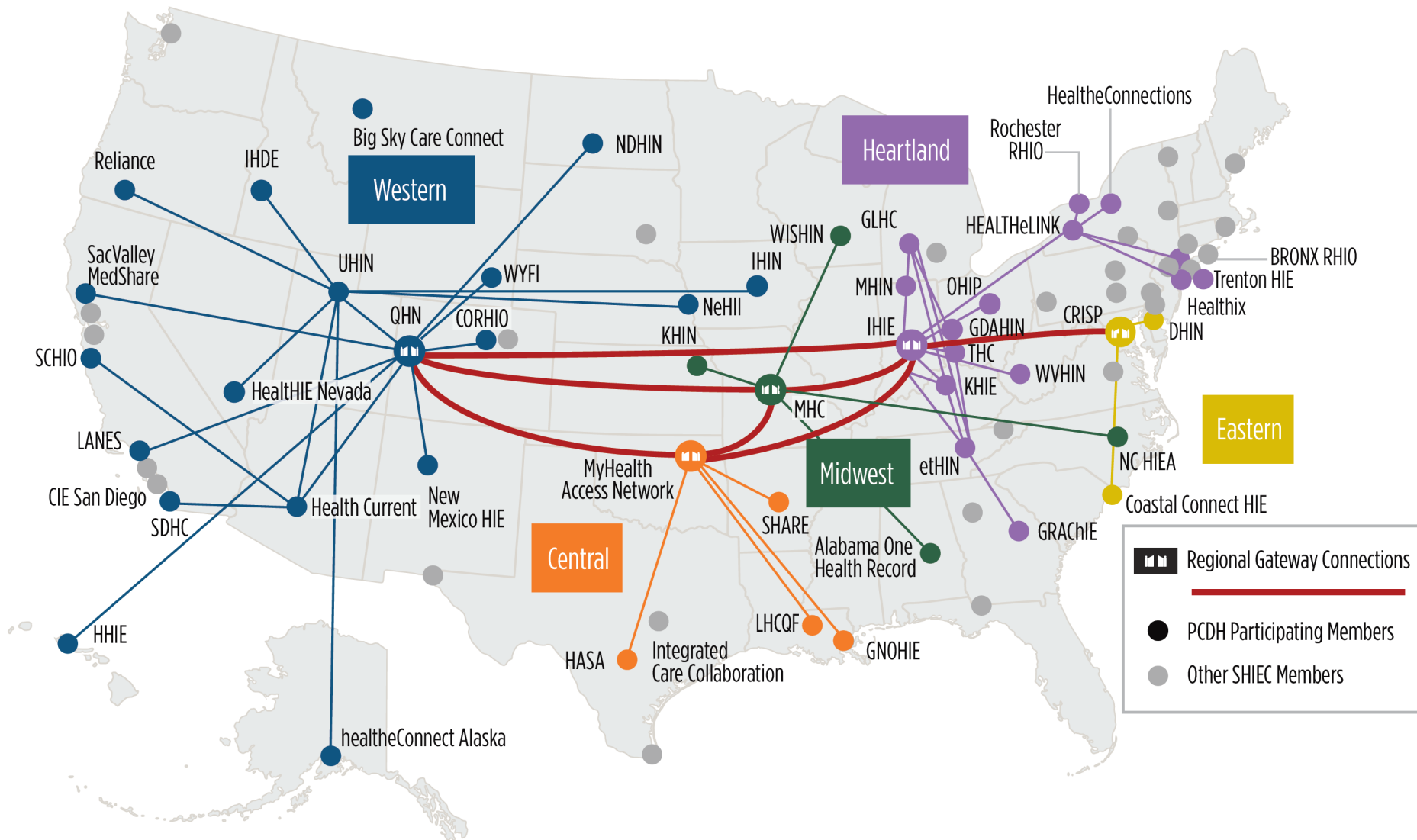
Unique features of Health Information Exchange Organizations

- Centralized data models enable:
 - Near-real time data flow, pushed when and where needed
 - Identity resolution using master person indices
 - Code normalization and data quality improvement
- Local/regional governance enables:
 - Use cases tailored to community preferences and trust
 - Policies that account for local and state privacy laws
- Broad multi-stakeholder participation enables interoperability and data exchange with unique and critical partners such as:
 - Social service agencies
 - Correctional healthcare

SHIEC Annual Survey

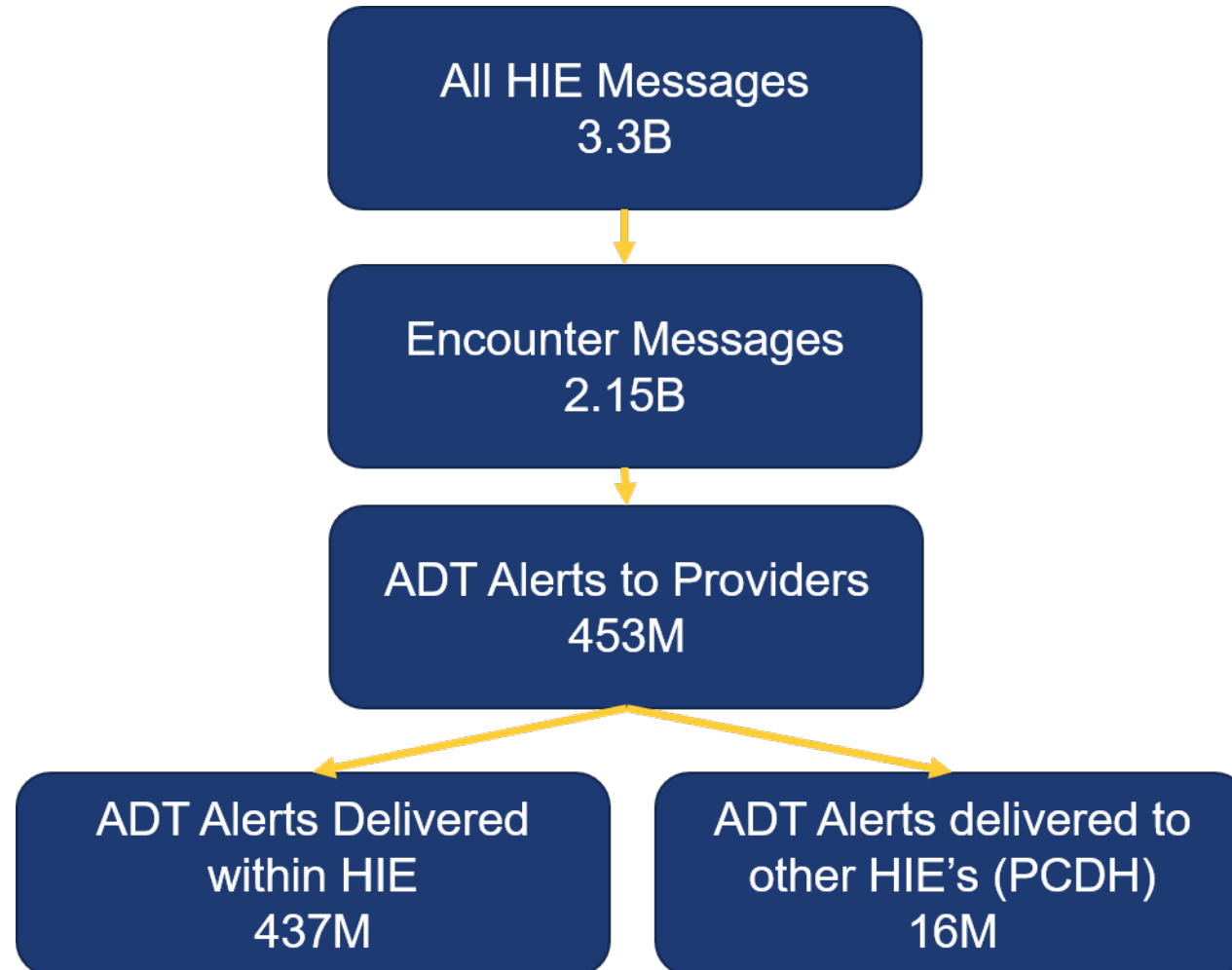
- SHIEC is an association of Community HIE Organizations
 - 77 Full and Associate Members
 - >100 Strategic Business and Technical members
- 2019: Annual Member Survey
 - 81% Response Rate
 - Topics include governance, policy, business models, technology, data exchanged, participation in nationwide interoperability models

Patient Centered Data Home™ answers need for nationwide alerting and interoperability



>16M Alerts and messages *PUSHED* between HIEs annually

Nationwide Alerting through HIE's



Annual Data Volumes by SHIEC Health Information Exchanges

3.3 billion messages exchanged annually

Healthcare Encounters
2,149,173,208

**Lab and Imaging
Results**
614,697,564

Care Summaries
524,767,204

ADT Alerts
453,315,793

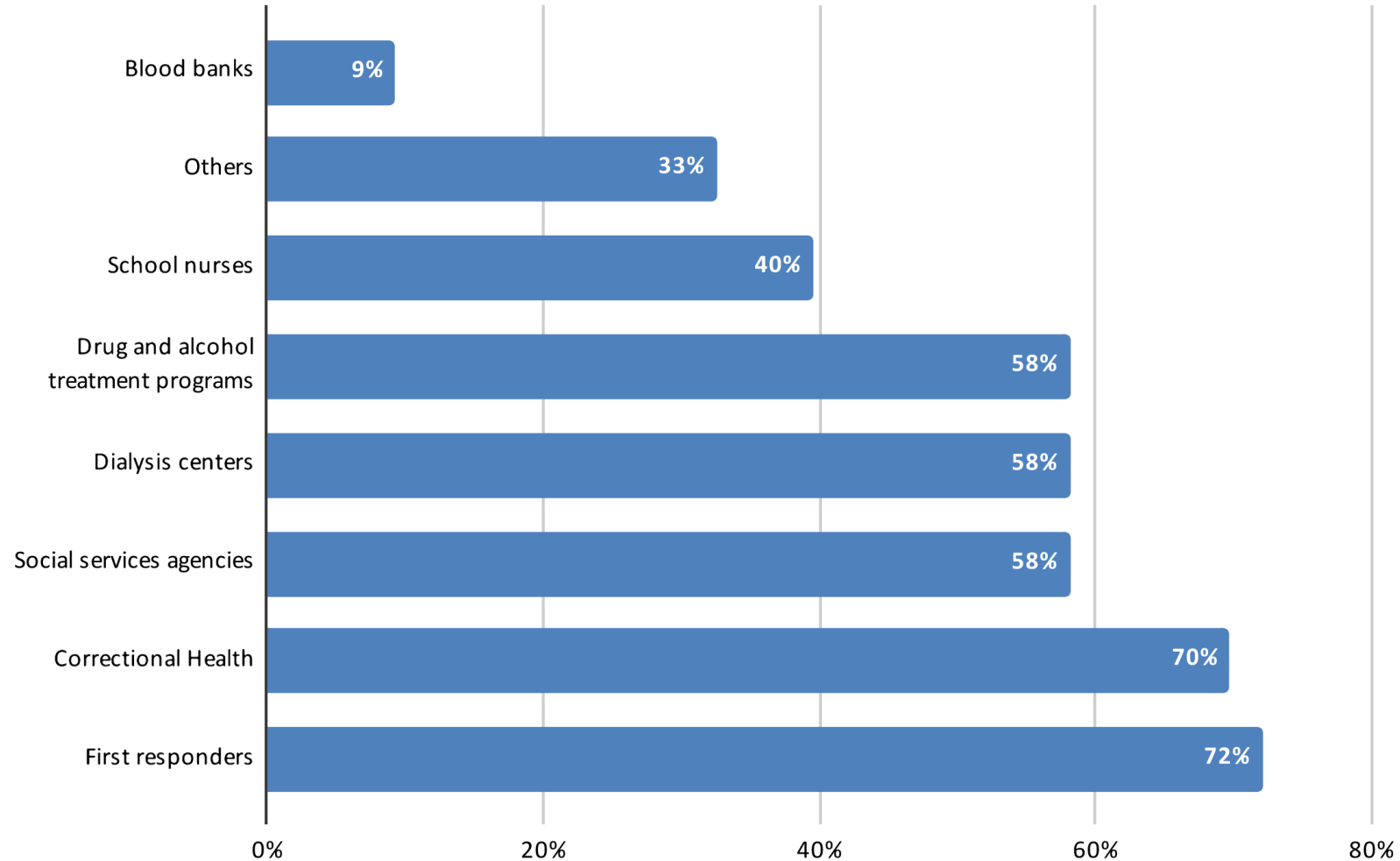
Other
338,920,920

Immunizations
52,991,328

**Clinical
Documents**
113,763,988

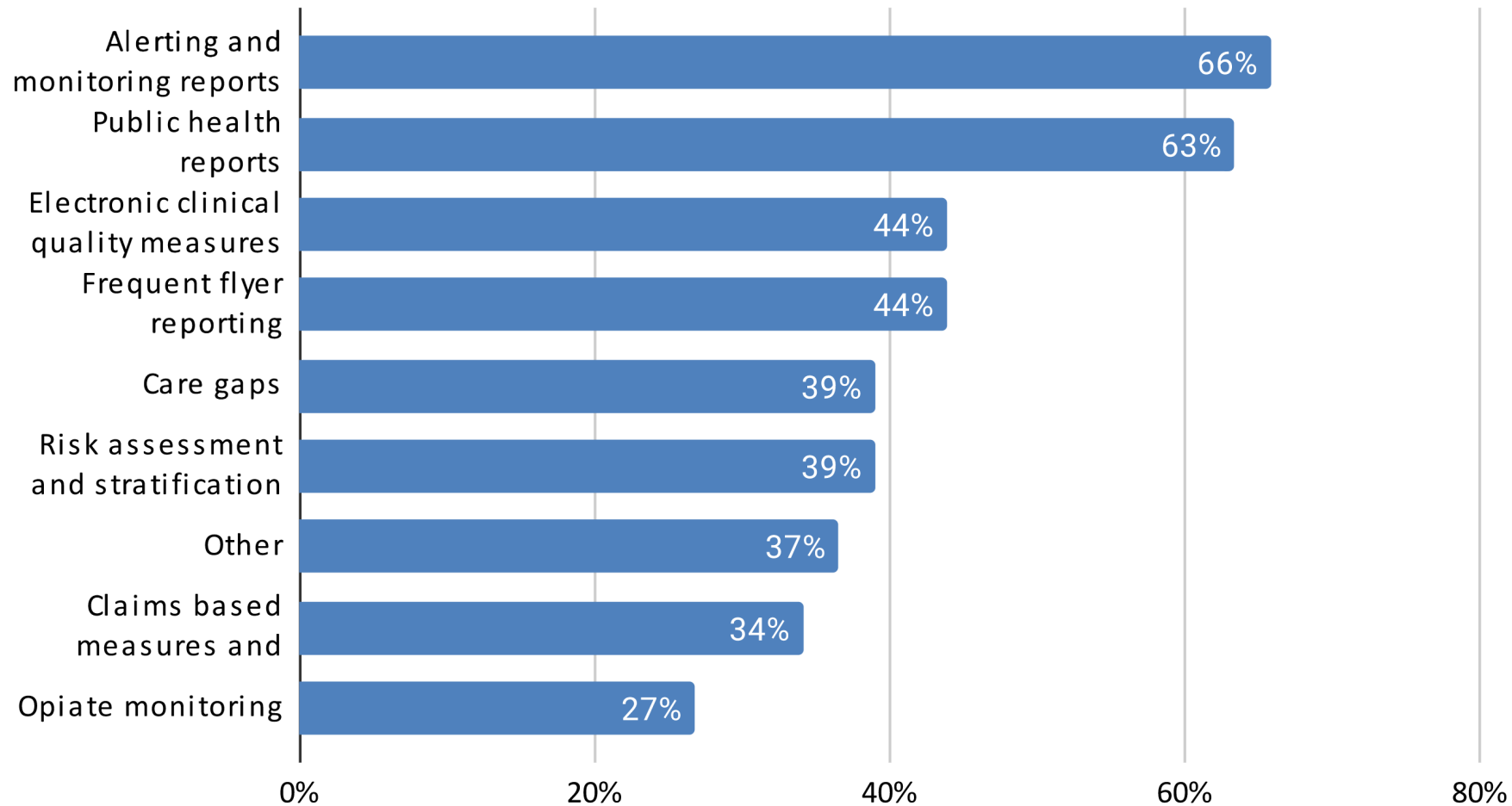
HIE's connect whole communities and unique partners

Community Partnerships unique to HIE's



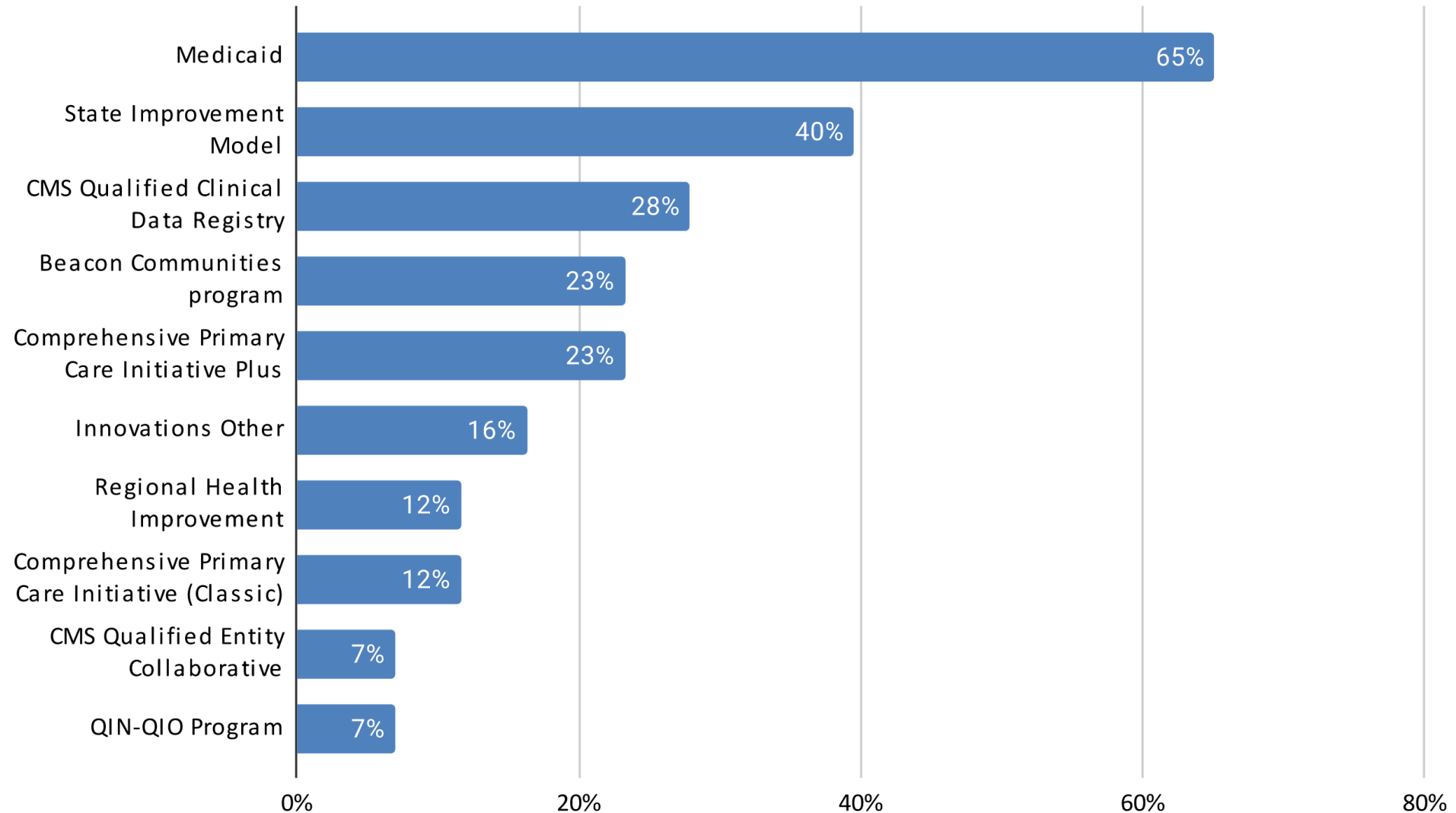
Beyond data exchange: Advanced Analytics Services provided by HIEs

Analytics Services Provided by HIE's



HIE's support national Innovation Initiatives

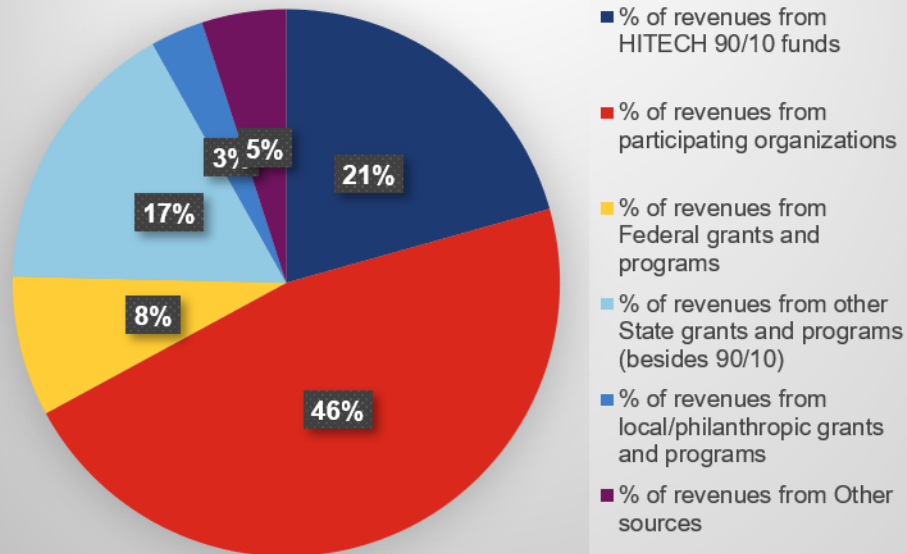
Federal Program Participation by HIE's



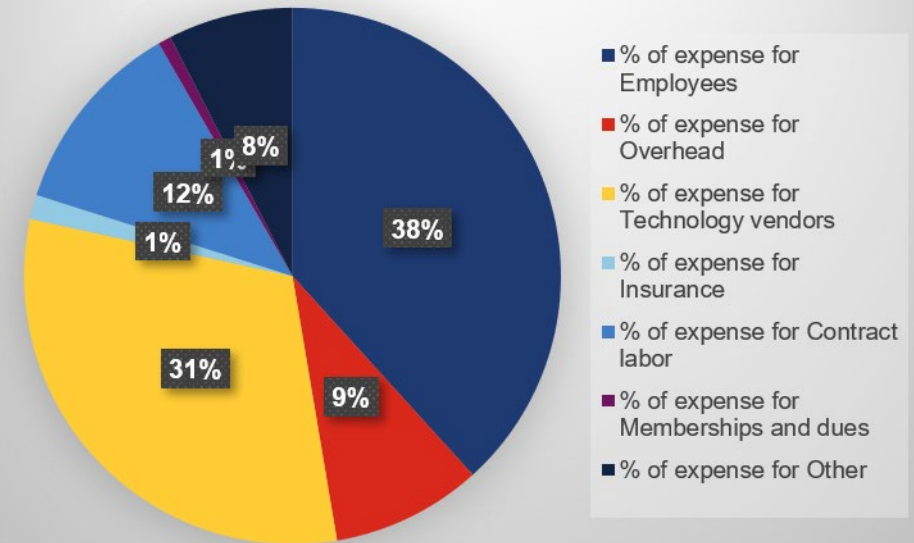
HIE Funding and Sustainability

| Financials | Mean | Median | Max | Min | Total | % of SHIEC HIE's |
|----------------------|-------------|-------------|--------------|-----------|---------------|------------------|
| 2018 Annual Revenues | \$6,974,581 | \$5,044,987 | \$38,000,000 | \$531,083 | \$292,932,403 | 56% |
| 2018 Annual Expenses | \$7,036,884 | \$4,834,162 | \$32,000,000 | \$300,000 | \$253,327,830 | 49% |

Average Revenue Breakdown



Average Expenses Breakdown



Conclusions

- HIEs have grown to span the nation and serve nearly all Americans
- The Patient Centered Data Home™, the only nationwide network to proactively push data, continues to grow rapidly
- HIEs connect an expanding scope of health and social organizations
- HIEs move more data than any other nationwide interoperability network
- HIEs are a cost-effective component of critical national infrastructure



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Health IT Feedback Form:

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