Garnering Insight in Administration, Evidence-Building, and Translation of Findings in Primary Care PBRNs

Rebecca Roper, MS, MPH
Director, Practice-Based Research Network Initiative

June 30, 2014
Agenda

- PBRN Community
- Addressing Gaps
  - Administration
  - Evidence Building
  - Dissemination, Translation
- What next?
2014, 15-year Anniversary for AHRQ Support of PBRNs

• Program has grown from ~10 Registered PBRNs in 1999

• April 2014, 157 Registered PBRNs
  ▶ Serving 55 million Patients
  ▶ Underrepresents actual size of PBRN community

• Summer Registration Update, join the conversation
Practice-Based Research Networks: Agents of Investigation, Transformation
157 AHRQ Registered PBRNs

- **PBRN Network Coverage:**
  - Regional: 33%
  - State: 25%
  - Local: 19%
  - National: 23%

- **Types of PBRN Networks**
  - Mixed Networks: 35%
  - Family Medicine Networks: 31%
  - Pediatric Networks: 13%
  - Internal Medicine Networks: 3%
  - Nursing Networks: 3%
  - Pharmacy: 3%
  - Other Networks: 11%
PBRN Practices

Number of member practices or clinics: 24,662

- Number of practices per PBRN:
  - Average—159
  - Median---36

- 4,984 practices with PCMH designation
- 2,757 practices pursuing PCMH designation

- 76,979 clinicians
• Opportunities to participate in developing research agenda/grant submissions (76%)

• Opportunities to co-author research presentations/publications (76%)

• Training in human subjects protection/research ethics (51%)

• Practice facilitators/coaches/QI coordinators (37%)

• Technical assistance for practice transformation efforts (e.g., PCMH, meaningful use, NCQA) (31%)

• Maintenance of Certification Part IV (20%)
<table>
<thead>
<tr>
<th>Type of Collaborative Project/Study</th>
<th>Number of PBRNs (Percent) (N=64)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project planning prior to receiving funding</td>
<td>46 (72%)</td>
</tr>
<tr>
<td>Grant writing and submission</td>
<td>53 (83%)</td>
</tr>
<tr>
<td>Study implementation (including study staff training)</td>
<td>41 (64%)</td>
</tr>
<tr>
<td>Dissemination of best practices / research results</td>
<td>30 (47%)</td>
</tr>
</tbody>
</table>
## Percent of PBRNs, By Partnership Type

<table>
<thead>
<tr>
<th>PBRN Partners</th>
<th>Percent of PBRNs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Medical Centers</td>
<td>52%</td>
</tr>
<tr>
<td>Professional Associations</td>
<td>36%</td>
</tr>
<tr>
<td>Community Organizations</td>
<td>34%</td>
</tr>
<tr>
<td>Public Health Agencies</td>
<td>33%</td>
</tr>
<tr>
<td>Large Health Systems</td>
<td>25%</td>
</tr>
<tr>
<td>Others</td>
<td>48%</td>
</tr>
</tbody>
</table>
PBRN Listserv Bi-Weekly Digest

PBRN in Search of…

Funding/employment opportunities

PBRN-sponsored upcoming events
[http://pbrn.ahrq.gov/events](http://pbrn.ahrq.gov/events)

Dissemination/learning opportunities

Tools and resources

PBRNs in the news and publications
Upcoming: Learning Groups and Guidance Documents

- **Rapid-Cycle Research:** Intersection between evaluation research and quality improvement
  - Kick-off today
  - Embassy/Patuxent Room, 10:30am

- **Possible Future Topics:**
  - PBRN Administration/Recruitment
  - Patient Engagement
  - Suggestions?
Self-Management Support Library

http://www.orau.gov/ahrq/self-management-support-library.html

Dissemination Partners

• 2013 Assistant Secretary Koh’s PBRN-Vaccine Publication Contest
  Connections between AHRQ, PBRNS, and the respective CDC and DHHS Vaccine Office were strengthened.

• Harnessing Health Information Technology to Assist Individuals and Teams: Practical Insights from the Journal of Ambulatory Care Management, PBRN issue, April-June 2014
  Practical Insights, of travails and triumphs were provided.
AHRQ PBRN Resource Center:
National Webinar Presenters
AHRQ-sponsored National Webinars

- EHR to Support Comprehensive, Coordinated Primary Care (382 attendees)
- Health assessments (343 attendees)
- Practice facilitation (315 attendees)
- Patient engagement (275 attendees)
- Health information technology (208 attendees)
- PBRN workforce (116 attendees)
- Adolescent populations (77 attendees)
- Behavior change theory (69 attendees)
- PBRN mentorship (55 attendees)
- Collaboration with AHRQ programs (22 attendees)

AHRQ Primary Care YouTube Channel: https://www.youtube.com/user/AHRQprimarycare/playlists
Rapid-Cycle Patient Safety Quality Improvement

- Well-received reference
- Available in electronic and hardcopy
- CDN-sponsored CE-earning webinar by Dr. Milton (Mickey) Eder
Upcoming National Webinars

• Administration
  ► Managing Multiple IRBs
  ► PBRN Research Good Practices, Sept 30
  ► Mission Statements and Strategic Plans, TBD

• Evidence Building/Research Methods
  ► July 29, 2014, 3:30 PM to 5:00 PM EDT Contemporary Issues in Economic Assessments of Interventions in Primary Care
  ► December, TBD Practical Findings of the Rapid-Cycle Grantees on how to Meet Meaningful Use Objectives.

• Translation into Practice
  ► TRANSLATE
For what do you wish?

Send AHRQ PBRN Resource Center your suggestions:

pbrn@abtassoc.com
Thank You

http://pbrn.ahrq.gov
<table>
<thead>
<tr>
<th>Training</th>
<th>Total PBRNs (Percent) (N=149)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CITI Course in The Protection of Human Research Subjects</td>
<td>98 (66%)</td>
</tr>
<tr>
<td>Local institution provides training</td>
<td>51 (34%)</td>
</tr>
<tr>
<td>NIH Office of Extramural Research: Protecting Human Research Participants</td>
<td>41 (28%)</td>
</tr>
<tr>
<td>PBRN incorporates ethics discussions and trainings at its meetings</td>
<td>18 (12%)</td>
</tr>
<tr>
<td>No training is provided</td>
<td>14 (9%)</td>
</tr>
<tr>
<td>Other</td>
<td>14 (9%)</td>
</tr>
</tbody>
</table>
Distribution of Practice Facilitators / Coaches / QICs across PBRN Characteristics

### Distribution by EHR use:

<table>
<thead>
<tr>
<th>Percentage of member practices using 1 or more EHRs</th>
<th>Percentage of practices with at least 1 Practice Facilitator / Coach / QI Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 75% (n = 34)</td>
<td>74%</td>
</tr>
<tr>
<td>75 – 100% (n = 66)</td>
<td>55%</td>
</tr>
</tbody>
</table>

### Distribution by patient-centered medical home (PCMH) designation:

<table>
<thead>
<tr>
<th>Percentage of member practices which have PCMH designation</th>
<th>Percentage of practices with at least 1 Practice Facilitator / Coach / QI Coordinator</th>
</tr>
</thead>
<tbody>
<tr>
<td>0% (n = 33)</td>
<td>55%</td>
</tr>
<tr>
<td>&gt;0% but &lt;50% (n = 36)</td>
<td>61%</td>
</tr>
<tr>
<td>50% or greater (n = 24)</td>
<td>46%</td>
</tr>
</tbody>
</table>