

## **Strengthen the Evidence for MCH Programs: Environmental Scan of Strategies**

### National Performance Measure (NPM) #1: Well Woman Visit *Percent of women with a past year preventive medical visit*

#### **Introduction**

This environmental scan identifies collections of strategies to advance performance for NPM #1, Well Woman Visits. The information provided in this document focuses on strategies to achieve the NPM, not on the content of care or specified health outcomes. Please note that the quality of the evidence in this compilation has not been evaluated, and that data sources describing a single strategy, rather than a collection of strategies, have been excluded.

This compilation includes the following sections:

- **Reviews and Compilations:** Identifies existing compilations for strategies that intend to improve performance for each measure
- **Frameworks and Landmark Initiatives:** Frameworks includes conceptual models underlying strategy implementation; Landmark Initiatives include seminal programs/policies related to the NPM
- **Data Sources:** Indicates sources, search criteria, links to search strategy and selected organizational websites
- **Inclusion and Exclusion Criteria:** Denotes types of studies, setting, populations of interest and exclusion criteria

Technical assistance for State Title V MCH programs related to using evidence to inform State Action Plans, selection of strategies, and development of evidence-based or evidence-informed Strategy Measures may be requested at <http://www.semch.org/technical-assistance.html>

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## Reviews and Compilations

Review/Compilation	Summary	Web Links
<p>Johnson, K. (2006). Public Finance Policy Strategies to Increase Access to Preconception Care. <i>Maternal and Child Health Journal</i>. [Target<sup>1</sup>: E,H]</p>	<ul style="list-style-type: none"> <li>• Explores challenges and opportunities for financing preconception care</li> <li>• Considers states' efforts to improve health coverage through public programs</li> <li>• Strategies to increase access to preconception care include:               <ul style="list-style-type: none"> <li>○ Increase supply of publicly subsidized health clinics</li> <li>○ Integrate preconception interventions into existing programs</li> <li>○ Utilize waiver authority to expand Medicaid coverage</li> </ul> </li> </ul>	<p><a href="http://dx.doi.org/10.1007/s10995-006-0125-8">http://dx.doi.org/10.1007/s10995-006-0125-8</a></p>
<p>Johnson et al. (2008). Policy and Finance for Preconception Care: Opportunities for Today and the Future. <i>Women's Health Issues</i>. [Target: E,H]</p>	<ul style="list-style-type: none"> <li>• Objective: Present articles that “discuss the impact of finance and policy on preconception health and health care, as well as the strategies that are being used to overcome the challenge of implementing preconception care with limited resources and inadequate health coverage for women.”</li> <li>• Multiple recommendations for improving preconception health and health care, as well as how to implement these recommendations</li> <li>• Health insurance coverage for low income women through waivers and reimbursement, as well as through state CHIP</li> <li>• Recommends to develop incentives for health promotion</li> <li>• Healthy Start program: reduce disparities in access to health services through care coordination across lifespan</li> </ul>	<p><a href="http://dx.doi.org/10.1016/j.whi.2008.09.006">http://dx.doi.org/10.1016/j.whi.2008.09.006</a></p>
<p>Shannon et al. (2013). Preconception healthcare delivery at a population level: Construction of public</p>	<ul style="list-style-type: none"> <li>• Objective: “To review current strategies of preconception healthcare, explore methods of preconception healthcare delivery, and develop public health models which reflect different preconception healthcare pathways”</li> <li>• Literature review employed to:</li> </ul>	<p><a href="http://dx.doi.org/10.1007/s10995-013-1393-8">http://dx.doi.org/10.1007/s10995-013-1393-8</a></p>

<p>health models of preconception care. <i>Maternal and Child Health Journal</i>. [Target: A,B,C,D]</p>	<ul style="list-style-type: none"> <li>○ Identify preconception care strategies</li> <li>○ Determine their effectiveness</li> <li>● 28 sources on preconception care strategies were identified (majority from North America and Europe)</li> <li>● Results were categorized into four public health models of care: primary care; hospital based and inter-conception care; specific preconception care clinics; community outreach</li> </ul>	
<p>Association of Maternal &amp; Child Health Programs. (2015). Opportunities and Strategies for Improving Preconception Health through Health Reform. [Target: A,B,C,E,H]</p>	<ul style="list-style-type: none"> <li>● Looks at how states can use health reform as a platform for improving preconception health and, ultimately, birth outcomes</li> <li>● Strategies include: <ul style="list-style-type: none"> <li>○ Create and strengthen state and community partnerships</li> <li>○ Improve access to and quality of primary care for women</li> <li>○ Enhance financing of preconception care services</li> <li>○ Use data to inform policy change and program development</li> </ul> </li> <li>● Highlights state activities (Colorado, Delaware, Michigan, Oklahoma, and Oregon) to advance preconception health</li> </ul>	<p><a href="http://www.amchp.org/Transformation-Station/Documents/AMCHP%20Preconception%20Issue%20Brief.pdf">http://www.amchp.org/Transformation-Station/Documents/AMCHP%20Preconception%20Issue%20Brief.pdf</a></p>

<sup>1</sup> Target specifies Target Audience for the strategies mentioned in each Review/Compilation: A = Hospital Inpatient (includes physical, mental, and oral health); B = Hospital Outpatient (includes physical, mental, and oral health); C = Non-Hospital Outpatient Providers (e.g. community health centers, private medical groups, health maintenance organizations); D = Community Organizations (e.g. WIC, advocacy organizations, child care providers, home visiting services); E = Social Service Organizations (e.g. Head Start, child welfare); F = Schools and School Systems; G = Consumers/Families; H = Other

## Frameworks and Landmark Initiatives

Framework/Initiative	Summary	Web Links
Clinic model of preconception care	<ul style="list-style-type: none"> <li>Identified in Shannon et al (2013)</li> <li>Drawn from models used in Hungary and the U.S.</li> <li>Trained staff provide care, as opposed to general practitioners</li> <li>May be incentivized</li> </ul>	<a href="http://dx.doi.org/10.1007/s10995-013-1393-8">http://dx.doi.org/ 10.1007/s10995-013-1393-8</a>
Community outreach model of care	<ul style="list-style-type: none"> <li>Identified in Shannon et al (2013)</li> <li>Most labor intensive and resource dependent</li> <li>Potential to reach marginalized women, combat common barriers to healthcare</li> </ul>	<a href="http://dx.doi.org/10.1007/s10995-013-1393-8">http://dx.doi.org/ 10.1007/s10995-013-1393-8</a>
Floyd et al. (2013). National Action Plan for Promoting Preconception Health and Health Care in the United States. <i>Journal of Women's Health</i> .	<ul style="list-style-type: none"> <li>National Preconception Health and Health Care initiative led by CDC to create recommendations</li> <li>Recommendations to promote individual responsibility and reproductive life plan as well as consumer awareness of the importance of preconception care</li> </ul>	<a href="http://dx.doi.org/10.1089/jwh.2013.4505">http://dx.doi.org/10.1089/jwh.2013.4505</a>
Hospital based model of preconception healthcare	<ul style="list-style-type: none"> <li>Identified in Shannon et al (2013)</li> <li>Delivered in any hospital setting (regardless of reason for admission, at inpatient/outpatient level)</li> <li>Women who interface with hospital care are more willing to receive health education in the same setting</li> </ul>	<a href="http://dx.doi.org/10.1007/s10995-013-1393-8">http://dx.doi.org/ 10.1007/s10995-013-1393-8</a>
Primary healthcare model	<ul style="list-style-type: none"> <li>Identified in Shannon et al (2013)</li> <li>Majority of target population come into contact with primary care</li> <li>Initial screening easily performed during consultation, tertiary or specialty care must be referred out</li> </ul>	<a href="http://dx.doi.org/10.1007/s10995-013-1393-8">http://dx.doi.org/ 10.1007/s10995-013-1393-8</a>
Institute of Medicine. (2011). Clinical	<ul style="list-style-type: none"> <li>Defines what preventive services are critical to women's health and well-being</li> </ul>	<a href="https://iom.nationalacademies.org/Reports/2011/Clinical-Preventive-Services-">https://iom.nationalacademies.org/Reports/2011/Clinical-Preventive-Services-</a>

Preventive Services for Women: Closing the Gaps.	<ul style="list-style-type: none"> <li>Provides recommendations as to which of these services should be considered in the creation of inclusive guidelines</li> </ul>	<a href="#">for-Women-Closing-the-Gaps.aspx</a>
March of Dimes (2011). Toward improving the outcome of pregnancy (TIOPP III): Enhancing perinatal health through quality, safety and performance initiatives	<ul style="list-style-type: none"> <li>Details elements essential to improving perinatal care <ul style="list-style-type: none"> <li>Quality improvement opportunities</li> <li>Data collection and measurement</li> <li>Evidence-based strategies and initiatives</li> <li>Policy creation and systems change</li> <li>Family centered care</li> </ul> </li> </ul>	Register and download at <a href="https://www.prematurityprevention.org/Sign-In?ReturnUrl=%2fToolkits-Reports%2fToward-Improving-the-Outcome-of-Pregnancy-(TIOPP)-I">https://www.prematurityprevention.org/Sign-In?ReturnUrl=%2fToolkits-Reports%2fToward-Improving-the-Outcome-of-Pregnancy-(TIOPP)-I</a>

### Data Sources

Data Source*	Search Criteria	Web link
Cochrane Library	Search Term: Preconception care Search Limits: Review Sorted by relevance	N/A
	Search Term: Primary care visit women Search Limits: Review Sorted by relevance	
	Search Term: Medical home women Sorted by relevance	
	Search Term: Preventive medical visit women Sorted by relevance	

Campbell Systematic Reviews	Search Term: Preconception care	<a href="http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=preconception+care &amp;search_criteria=title">http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=preconception+care &amp;search_criteria=title</a>
	Search Term: Primary care visit women	<a href="http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=primary+care+visit+women&amp;search_criteria=title">http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=primary+care+visit+women&amp;search_criteria=title</a>
	Search Term: Medical home women	<a href="http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=medical+home+women&amp;search_criteria=all_text">http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=medical+home+women&amp;search_criteria=all_text</a>
	Search Term: Preventive medical visit women	<a href="http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=preventive+medical+visit+women&amp;search_criteria=all_text">http://www.campbellcollaboration.org/lib/?go=monograph&amp;search=preventive+medical+visit+women&amp;search_criteria=all_text</a>
Pubmed	Search Term: Preconception care Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=preconception+care">http://www.ncbi.nlm.nih.gov/pubmed/?term=preconception+care</a>
	Search Term: Well woman visit Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=well+woman+visit">http://www.ncbi.nlm.nih.gov/pubmed/?term=well+woman+visit</a>
	Search Term: Primary care visit women Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=primary+care+visit+women">http://www.ncbi.nlm.nih.gov/pubmed/?term=primary+care+visit+women</a>

	Search Term: Medical home women Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=medical+home+women">http://www.ncbi.nlm.nih.gov/pubmed/?term=medical+home+women</a>
	Search Term: Preventive medical visit women Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=preventive+medical+visit+women">http://www.ncbi.nlm.nih.gov/pubmed/?term=preventive+medical+visit+women</a>
	Search Term: Weisman CS Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=weisman+cs">http://www.ncbi.nlm.nih.gov/pubmed/?term=weisman+cs</a>
	Search Term: Salganicoff A Search Limit: Review Sorted by: Relevance	<a href="http://www.ncbi.nlm.nih.gov/pubmed/?term=salganicoff+a">http://www.ncbi.nlm.nih.gov/pubmed/?term=salganicoff+a</a>
CINAHL Plus	Search Term: Preconception Search Limits: review Sorted by: Relevance	N/A
	Search Term: Preconception care Search Limits: review Sorted by: Relevance	N/A
	Search Term: Primary care AND women Search Limits: review Sorted by: Relevance	N/A

	Search Term: Primary care visit AND women Search Limits: review Sorted by: Relevance	N/A
	Search Term: Medical home AND women Search Limits: review Sorted by: Relevance	N/A
	Search Term: Preventive medical visit AND women Search Limits: review Sorted by: Relevance	N/A
Google Scholar	Search Term: Well woman visits Sorted by: Relevance	<a href="https://scholar.google.com/scholar?hl=en&amp;q=well+woman+visits&amp;btnG=&amp;as_sdt=1%2C21&amp;as_sctp=">https://scholar.google.com/scholar?hl=en&amp;q=well+woman+visits&amp;btnG=&amp;as_sdt=1%2C21&amp;as_sctp=</a>
	Search Term: Preconception care Sorted by: Relevance	<a href="https://scholar.google.com/scholar?q=preconception+care&amp;btnG=&amp;hl=en&amp;as_sdt=0%2C21">https://scholar.google.com/scholar?q=preconception+care&amp;btnG=&amp;hl=en&amp;as_sdt=0%2C21</a>
	Search Term: Strategies to promote preconception care Sorted by: Relevance	<a href="https://scholar.google.com/scholar?hl=en&amp;q=strategies+to+promote+preconception+care&amp;btnG=&amp;as_sdt=1%2C21&amp;as_sctp=">https://scholar.google.com/scholar?hl=en&amp;q=strategies+to+promote+preconception+care&amp;btnG=&amp;as_sdt=1%2C21&amp;as_sctp=</a>



	Search Term: Primary care visits women review Sorted by: Relevance	<a href="https://scholar.google.com/scholar?start=170&amp;q=primary+care+visits+women+review&amp;hl=en&amp;as_sdt=0,21">https://scholar.google.com/scholar?start=170&amp;q=primary+care+visits+women+review&amp;hl=en&amp;as_sdt=0,21</a>
	Search Term: Medical home women review Sorted by: Relevance	<a href="https://scholar.google.com/scholar?q=medical+home+women+review&amp;btnG=&amp;hl=en&amp;as_sdt=0%2C21">https://scholar.google.com/scholar?q=medical+home+women+review&amp;btnG=&amp;hl=en&amp;as_sdt=0%2C21</a>
	Search Term: Preventive medical visit women review Sorted by: Relevance	<a href="https://scholar.google.com/scholar?hl=en&amp;q=Preventive+medical+visit+women+review&amp;btnG=&amp;as_sdt=1%2C21&amp;as_sdtp=">https://scholar.google.com/scholar?hl=en&amp;q=Preventive+medical+visit+women+review&amp;btnG=&amp;as_sdt=1%2C21&amp;as_sdtp=</a>
AMCHP Innovation Station	State: all Region: all Practice Category: all Primary topic: any National Performance Measures: all Year: N/A Keywords: Preconception Health	<a href="http://www.amchp.org/programsandtopics/BestPractices/InnovationStation/Pages/default.aspx">http://www.amchp.org/programsandtopics/BestPractices/InnovationStation/Pages/default.aspx</a>
	State: all Region: all Practice Category: all Primary topic: any National Performance Measures: all Year: N/A Keywords: Preventive visit	<a href="http://www.amchp.org/programsandtopics/BestPractices/InnovationStation/Pages/default.aspx">http://www.amchp.org/programsandtopics/BestPractices/InnovationStation/Pages/default.aspx</a>

Georgetown Knowledge Base	Professional Resource Guides and Briefs → Well Woman Visit	<a href="http://ncemch.org/evidence/NPM-1-well-woman.php">http://ncemch.org/evidence/NPM-1-well-woman.php</a>
Healthy people 2020 Structured Evidence Queries	MICH-16	<a href="http://phpartners.org/hp2020/">http://phpartners.org/hp2020/</a> <a href="http://www.healthypeople.gov/2020/topics-objectives/topic/maternal-infant-and-child-health">http://www.healthypeople.gov/2020/topics-objectives/topic/maternal-infant-and-child-health</a>
Healthy People 2020 Access to Health Services	AHS-5	<a href="http://www.healthypeople.gov/2020/topics-objectives/topic/Access-to-Health-Services">http://www.healthypeople.gov/2020/topics-objectives/topic/Access-to-Health-Services</a>
	AHS-7	<a href="http://www.healthypeople.gov/2020/topics-objectives/topic/Access-to-Health-Services">http://www.healthypeople.gov/2020/topics-objectives/topic/Access-to-Health-Services</a>
American College of Obstetricians and Gynecologists	N/A	<a href="http://www.acog.org/Resources-And-Publications/Committee-Opinions/Committee-on-Gynecologic-Practice/Well-Woman-Visit">http://www.acog.org/Resources-And-Publications/Committee-Opinions/Committee-on-Gynecologic-Practice/Well-Woman-Visit</a>
Association of Maternal and Child Health Programs; Access to Care Core of the National MCH Workforce Development Center	N/A	<a href="http://www.amchp.org/Transformation-Station/Access-to-Care/Pages/Home.aspx">http://www.amchp.org/Transformation-Station/Access-to-Care/Pages/Home.aspx</a>

Preconception Health and Health Care Clinical Work Group	N/A	<a href="http://beforeandbeyond.org/">http://beforeandbeyond.org/</a>
Title V Information System (TVIS)	Search Term: Well woman visit	<a href="https://mchdata.hrsa.gov/TVISReports/NarrativeSearch/NarrativeSearch.aspx?Type=ByText&amp;Action=S">https://mchdata.hrsa.gov/TVISReports/NarrativeSearch/NarrativeSearch.aspx?Type=ByText&amp;Action=S</a>
	Search Term: Preventive health visit	<a href="https://mchdata.hrsa.gov/TVISReports/NarrativeSearch/NarrativeSearch.aspx?Type=ByText&amp;Action=S">https://mchdata.hrsa.gov/TVISReports/NarrativeSearch/NarrativeSearch.aspx?Type=ByText&amp;Action=S</a>
AHRQ Health Care Innovations Exchange	Search Term: Well woman visit	<a href="https://innovations.ahrq.gov/search/node/well%20woman%20visit">https://innovations.ahrq.gov/search/node/well%20woman%20visit</a>
	Search Term: Preventive visit women	<a href="https://innovations.ahrq.gov/search/node/Preventive%20visit%20women">https://innovations.ahrq.gov/search/node/Preventive%20visit%20women</a>
National Women's Law Center	Search Term: Well woman visit	<a href="http://hrc.nwlc.org/search/node/well%20woman%20visit">http://hrc.nwlc.org/search/node/well%20woman%20visit</a>
	Search Term: Preventive visit	<a href="http://hrc.nwlc.org/search/node/preventive%20visit">http://hrc.nwlc.org/search/node/preventive%20visit</a>

Life Course Indicator Online Tool (AMCHP)	Category→Health Care Access and Quality	<a href="http://www.amchp.org/programsandtopics/data-assessment/Pages/LifeCourseIndicators.aspx">http://www.amchp.org/programsandtopics/data-assessment/Pages/LifeCourseIndicators.aspx</a>
Core Preconception Health Indicators (CSTE)	Domains→Health Care	<a href="http://www.cste.org/?PreconIndicators">http://www.cste.org/?PreconIndicators</a>

*\*The Strengthen the Evidence Team of Experts and selected HRSA discretionary grantees contributed to the identification of data sources*

### **Inclusion and Exclusion Criteria**

<b>Inclusion Criteria</b>	<b>Exclusion Criteria</b>
<ul style="list-style-type: none"> <li>• Types of studies: reviews of studies, organization websites also count as 'compilations'</li> <li>• Language: English</li> <li>• Population of interest: Women of reproductive age</li> </ul>	<ul style="list-style-type: none"> <li>• Articles describing single strategies that are not part of a larger review</li> <li>• Reviews with only internationally-based studies</li> <li>• Reviews focused on the quality or content of visit rather than access</li> </ul>