SBIRT Screening and Selected Measures:

Is There a Connection Between SBIRT Participation and Improved Outcomes?

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SC BOI Stakeholders Meeting

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Background Population

- 5,445 women with SBIRT Screen using Medicaid Claims Record
- HEDIS 2014 Criteria Applied
  - Adult Access to Preventive/Ambulatory Health Services
  - Timeliness of Prenatal Care
  - Timeliness of Postpartum Care
  - Frequency of Ongoing Prenatal Care
- Change in Medicaid Low Birth Weight Geographical Patterns
Adult Access to Preventive/Ambulatory Health Services

<table>
<thead>
<tr>
<th>SBIRT</th>
<th>State</th>
<th>Medicaid Benchmark</th>
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<tbody>
<tr>
<td>96.8</td>
<td>58.1</td>
<td>83.2</td>
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Timeliness of Prenatal and Postpartum Care

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<thead>
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<th>SBIRT</th>
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<tbody>
<tr>
<td>86.3</td>
<td>75.5</td>
<td>84.3</td>
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<tr>
<td>61.6</td>
<td>54.1</td>
<td>62.8</td>
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</tbody>
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PRENATAL CARE  POSTPARTUM CARE
Frequency of Ongoing Prenatal Care (81+ Percent Rate)

- SBIRT: 77.9
- State: 65.9
- Medicaid Benchmark: 60.1

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Change in Percent of Low Birth Weight (LBW) Births Paid by Medicaid by County, 2013 to 2014

Change in LBW Rate

-9.6 to -2.1%
-2.0 to -1.0%
-0.9 to 0.9%
1.0 to 2.0%
2.1 to 8.9%

Notes: Percentages are calculated per total Medicaid births.
2013 Percent Medicaid LBW Births

2014 Percent Medicaid LBW Births

Comparison of Medicaid Low Birth Weight (LBW) Births Years 2013 and 2014

Percent Medicaid LBW Births

- 3.6 - 8.9%
- 9.0 - 11.0%
- 11.1 - 12.4%
- 12.5 - 13.9%
- 14.0 - 21.3%


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Map created July 2015.
Low Birth Weight (LBW) Rate Among All Medicaid Births
With Ob/Gyn to Female Medicaid Recipient Ratio

Ring Key
Outer Ring □ Provider to Recipient Ratio
Inner Ring □ Low Birth Weight Rate

Quartile Ranking
Outer Ring Inner Ring
Low □ Medium Low □ Medium High □ High

County with medium high or high LBW rate and low provider to recipient ratio

County Indicator Ranges
Provider to Recipient Ratio (0 to 13.7)
LBW Rate per 1,000 Medicaid Births (67.6 to 213.2)

Note: Female Medicaid Recipients are those age 15-44.


Created by the University of South Carolina, Institute for Families in Society, Division of Medicaid Policy Research, July 2015.
QUESTIONS?

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