Access to Primary Care in Mississippi

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Population

- Population, 2013 estimate:
  - Mississippi  2,991,207
  - US 316,128,839

Source U.S. Census Bureau
Recent Studies and Reports on Physician Shortages in the US October 2012

• The "extant (of the) physician shortage will become more severe”
  – 56% physicians practice in 4 counties
  – 2/3 counties HPSAs
  – A survey of practicing physicians indicates that many are considering relocation or early retirement which will likely exacerbate the current shortages

• Health Policy Research Center at Mississippi State University white paper
Why Not Recruit Rather Than Train Our Own?

“The capacity to recruit and retain physicians to practice in Mississippi has been a perennial concern of the profession.”
Present Number (?)

- 9,766 currently licensed physicians in Mississippi
  - 6,042 indicate they are practicing in Mississippi
  - 125 more than was reported last year
  - Approximately a 8% increase of physicians practicing medicine in Mississippi since 2009
### Active Physicians per 100,000 Population

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<thead>
<tr>
<th></th>
<th>2009</th>
<th>2013</th>
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<tbody>
<tr>
<td><strong>Mississippi</strong></td>
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<tr>
<td>Rank</td>
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<tr>
<td>Total</td>
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<td>180.8</td>
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<td><strong>US</strong></td>
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<tr>
<td>Total</td>
<td>254.5</td>
<td>260.5</td>
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<td>2009</td>
<td>2013</td>
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<td>• Total</td>
<td>63.8</td>
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<td><strong>US</strong></td>
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<tr>
<td>• Total</td>
<td>89.6</td>
<td>90.1</td>
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Ageing Physician Population 2013 (ALL)

In 2010 the % over 60 was 25.9 (AACM)
Ageing Physician Population Total (ALL)

51% of all MD's actively practicing in MS graduated more than 24 years ago.
Ageing Physician Population
Primary Care

FP + GP Ages (MD=DO)
- > 60: 36%
- < 60: 64%

Pediatricians Ages
- 20%
- 80%

OB/GYN Ages
- 29%
- 71%

Internal Med Ages All Specialty
- 29%
- 71%
How Many Primary Care Physicians are needed to get to the National Average?

- Mississippi: 63.6
- High: 132
- National: 90.5

2011 State Physician Workforce Data Book - AAMC
Ageing Physician Population
Primary Care

60.3 primary care physicians / 100k population
x 27.7% over 60
16.7 physicians/100k expected to leave the work force by 2015

So.. If we added no primary care physicians over next 10 years
and population growth= 0%

We would have 43.6 primary care docs/100k
To Be at Present National Average by 2024

\[(90.5-43.6) (29.91) = 1402 \text{ new primary care physician}^*\]

Assumes:
- 0% population growth
- All physicians retire at age 70 years
- No one dies, becomes disabled, or leaves state before age 70
- AND that all physicians in data base are presently working in Mississippi and work in primary care (22% of all Ms. MD’s are Gov’t employees/locum)
How Many Trained Now

- In 2011 AAMC listed 178 primary care residents in Mississippi
- Since then, FG and EC-Healthnet adding 32 (when filled)
  \[178 + 32 = 210\] residents / 3 (average number of years per primary care residency) = 70/year (max)

But not all these will stay in MS.
Physicians retained from in state GME

National

Mississippi

50.2%

47.5%

2011 State Physician Workforce Data Book- AAMC
How Many “Home Grown” Now

70 primary care residents / year graduate
X 50% retained
35 new primary care physicians entering MS. Workforce per year*

*assumes all remain primary care
140 new primary care physicians / year by 2025
- 35 instate graduates/ year (high estimate)
105 deficit per year

Note in the 3 years (2010-2013) All MD’s Graduates Licensed in MS.= 107 (35.6/yr)
What about Out of State Graduates

2010-2013

19 All other states + Puerto Rico
+53 FMG’s (not counting Canada and Mexico)
72

72/3 = 24 per year average
How Many New Primary Care Residents to Fill MS. Need

140 per year needed
- 35 residents retained per year
- 24 “not home grown”

___ 81 new PGY-1 primary care positions needed