Using Idaho Department of Labor Employment Data to Understand the Physician Workforce in Idaho

Presentation to the Idaho Healthcare Coalition

State Health Innovation Plan Implementation

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What is it?

- A way to understand where physicians in the state of Idaho are employed
  - Rural vs. Urban
  - County level
- A way to understand the workforce characteristics of these physicians
  - Age
  - Specialty

How is it novel?

- A way to understand the physician workforce that incorporates Idaho Department of Labor covered employment data
- Result of an agreement between the Idaho State Board of Medicine and the Idaho Department of Labor
- Result of legislation allowing sharing of data for purpose of more precise physician workforce analysis
  - http://legislature.idaho.gov/legislation/2013/H0211SOP.pdf
- Implementation planned to be in alignment with Idaho Health Professions Education Council and Idaho Healthcare Coalition

Active Licenses Employed in Idaho

Employed in Idaho?	MD & DO	PA
Covered Employment in Idaho	2,132	667
Not Employed in Idaho/Not Covered	1,191	108
Grand Total	**3,323**	**775**

Active Licenses Employed in Idaho (%)

Employed in Idaho?	MD & DO	PA
Covered Employment in Idaho	64%	86%
Not Employed in Idaho/Not Covered	36%	14%
Grand Total	**100%**	**100%**

What does “Employed in Idaho” mean?

- Economic Modeling Specialists International (EMSI): **2,359** *covered* physician and surgeon jobs in Idaho
  - Covered: Employed or Proprietor at a firm that pays Unemployment insurance
  - Nationwide, about 98 percent of all workers are covered
- EMSI: **2,759** *Total* Physicians and Surgeons working in Idaho
  - Estimated 400-job discrepancy between covered and non-covered. No way of counting these jobs.
- This study finds **2,132** physicians and surgeons working in Idaho
- Jobs vs. People: The difference - **227** jobs - is made up by some physicians and surgeons being employed by more than one employer.

Methodology

- Linked SSNs from the Idaho Board of Medicine Database to the Idaho Department of Labor Covered Workers Database
  - Determined to be working in Idaho if earning a wage in Idaho
- Rules for wages received in multiple counties
  - Selected the County where wage received was the greatest
- Double-checked Place-of-Work with Place-of-Residence when Necessary; multi-county businesses
- Definition of Rural
  - Used a rural definition of “hub” counties: Counties with a city larger than 30,000 included as Urban. One Urban county in each district-7 Urban Counties

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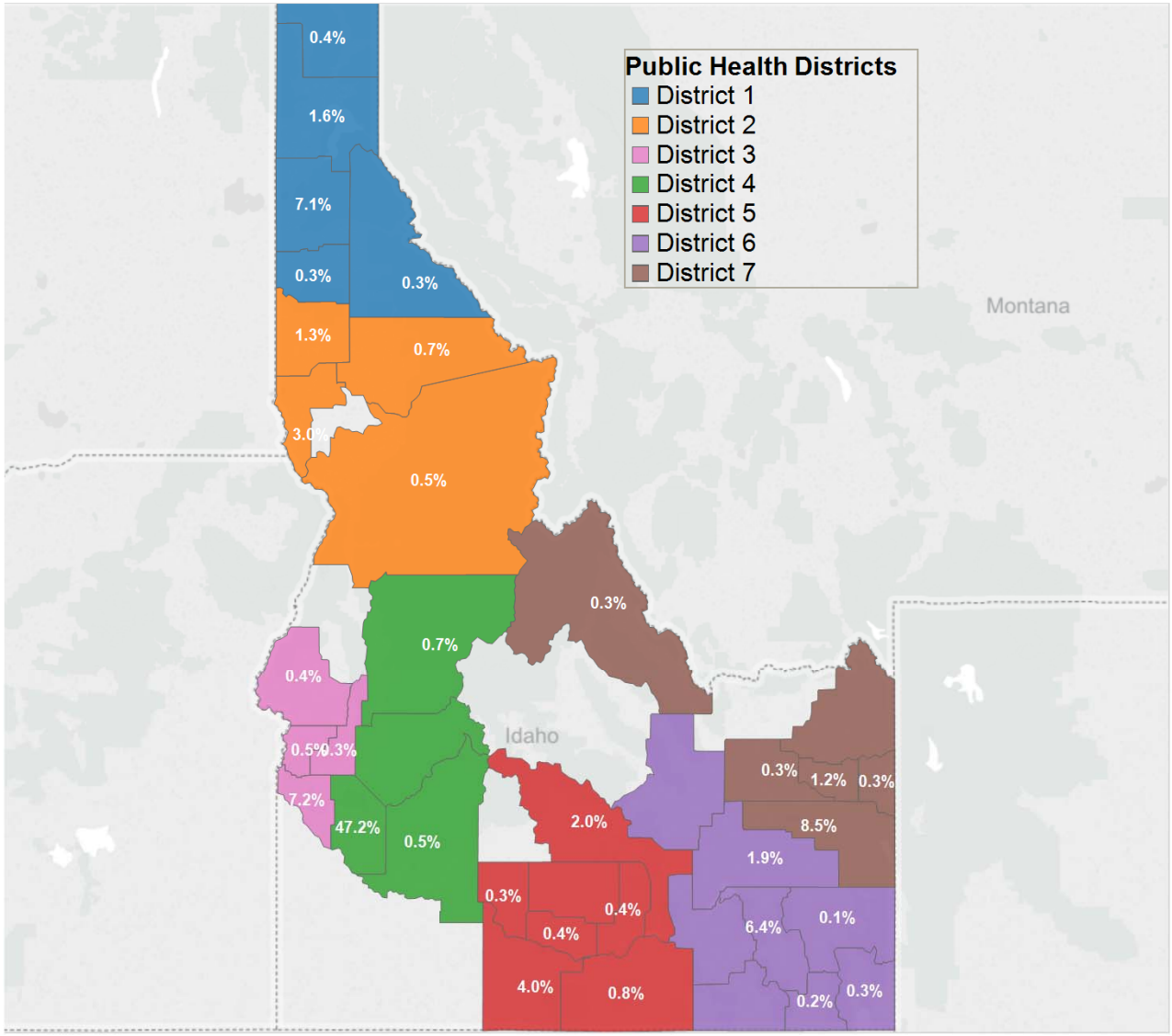
What isn’t it?

- Does not offer any policy proscriptions regarding the physician workforce in Idaho
- Does not reflect healthcare access issues in Idaho
- Works in conjunction with the HPSA designation, not in place of it
  - Designed to assist Bureau of Rural Health within Idaho Department of Health and Welfare
  - Does not and cannot supplant HSPA designation methodology

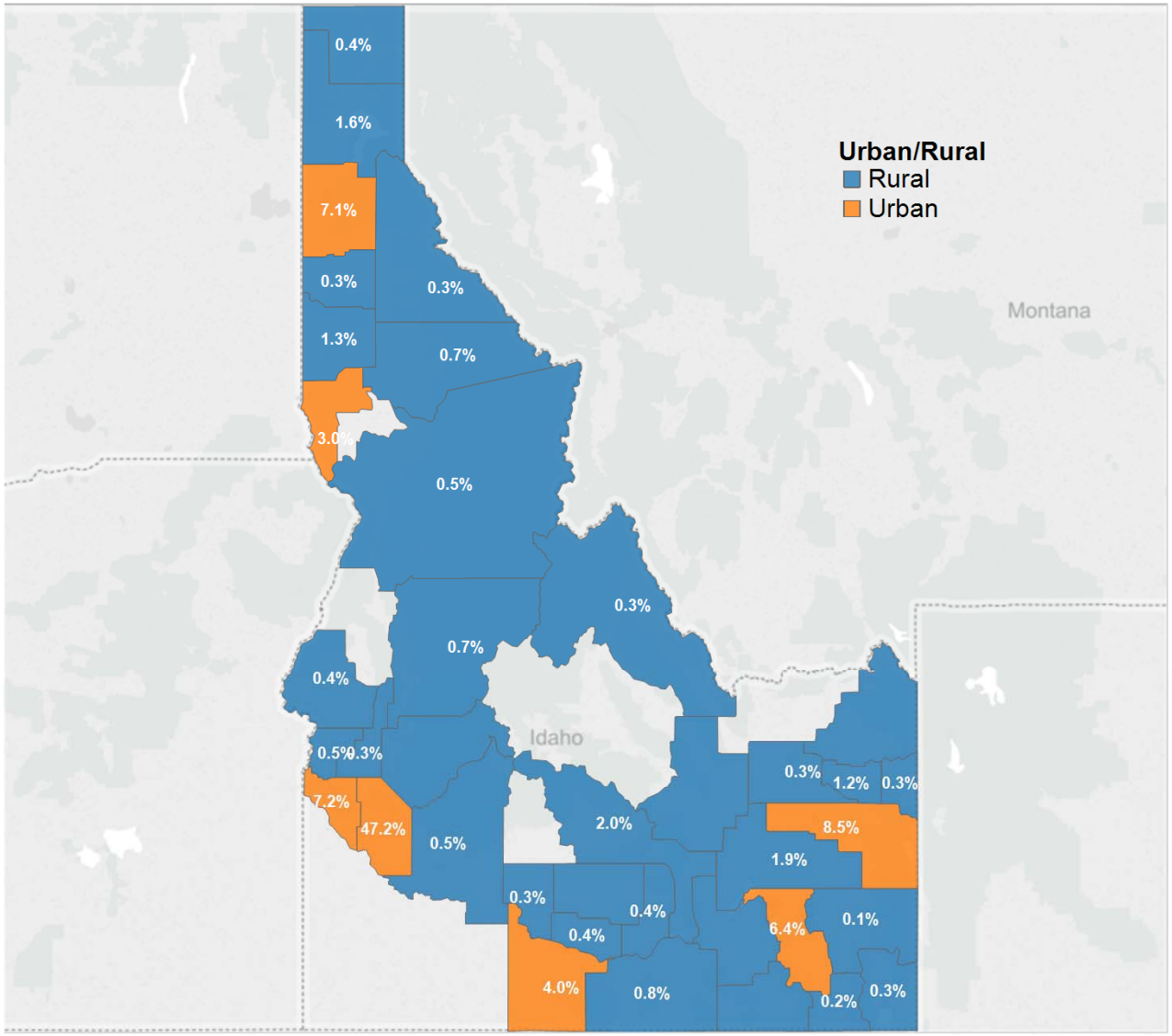
Physician Distribution by District



Totals by County

Ada	Urban	1,006
Bonneville	Urban	182
Canyon	Urban	154
Kootenai	Urban	152
Bannock	Urban	136
Twin Falls	Urban	85
Nez Perce	Urban	64
Blaine	Rural	43
Bingham	Rural	41
Bonner	Rural	34
Latah	Rural	28
Madison	Rural	26
Cassia	Rural	18
Clearwater	Rural	14
Valley	Rural	14
Elmore	Rural	11
Idaho	Rural	11
Payette	Rural	10
Boundary	Rural	9
Jerome	Rural	9
Minidoka	Rural	9
Washington	Rural	9
Bear Lake	Rural	7
Benewah	Rural	7
Lemhi	Rural	7
Shoshone	Rural	7
Gem	Rural	6
Gooding	Rural	6
Jefferson	Rural	6
Teton	Rural	6
Franklin	Rural	4
Caribou	Rural	3
Boise	Rural	
Butte	Rural	
Fremont	Rural	
Lincoln	Rural	
Oneida	Rural	
Power	Rural	
Grand Total		2,132

Physicians by Urban/Rural



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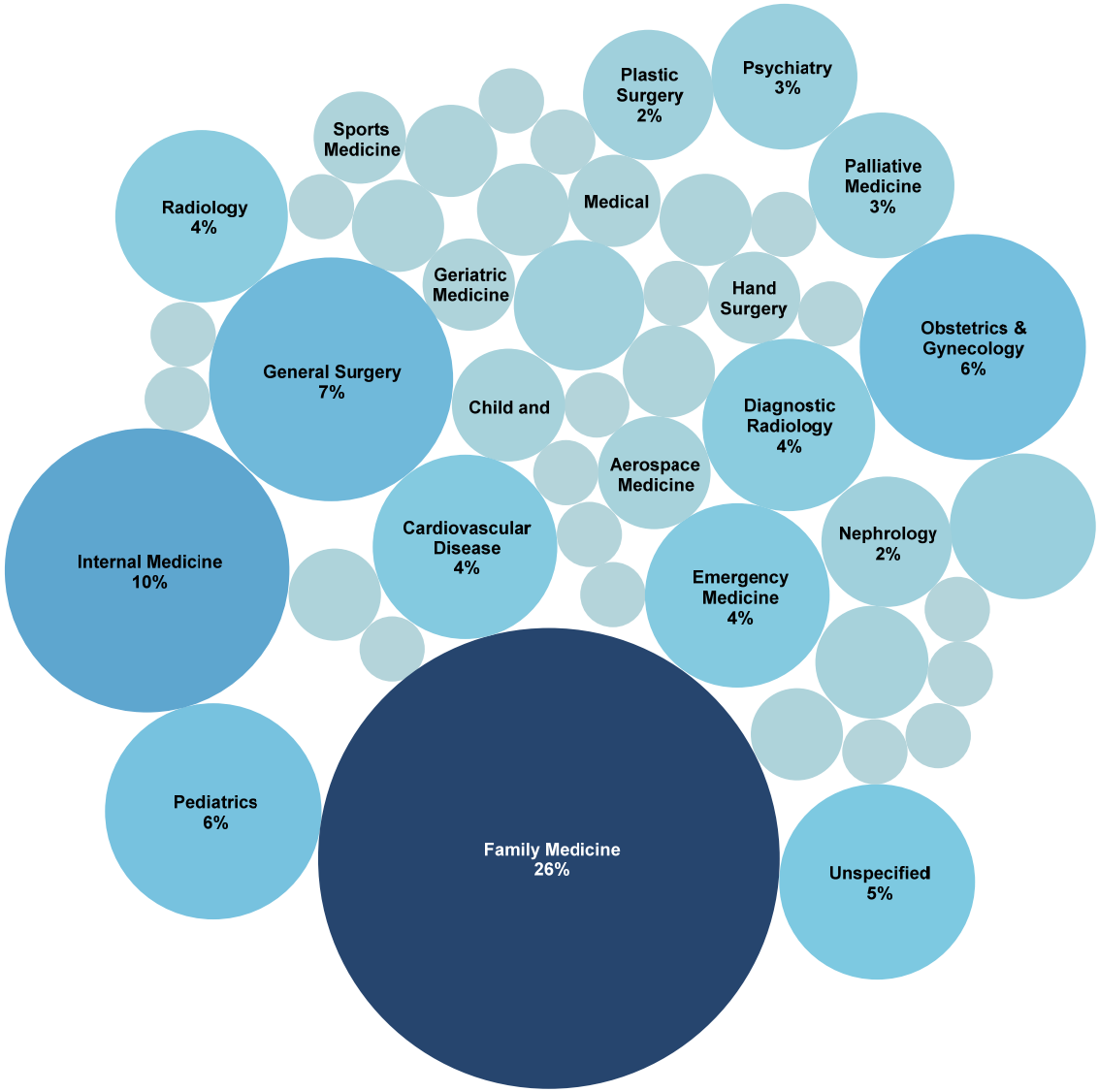
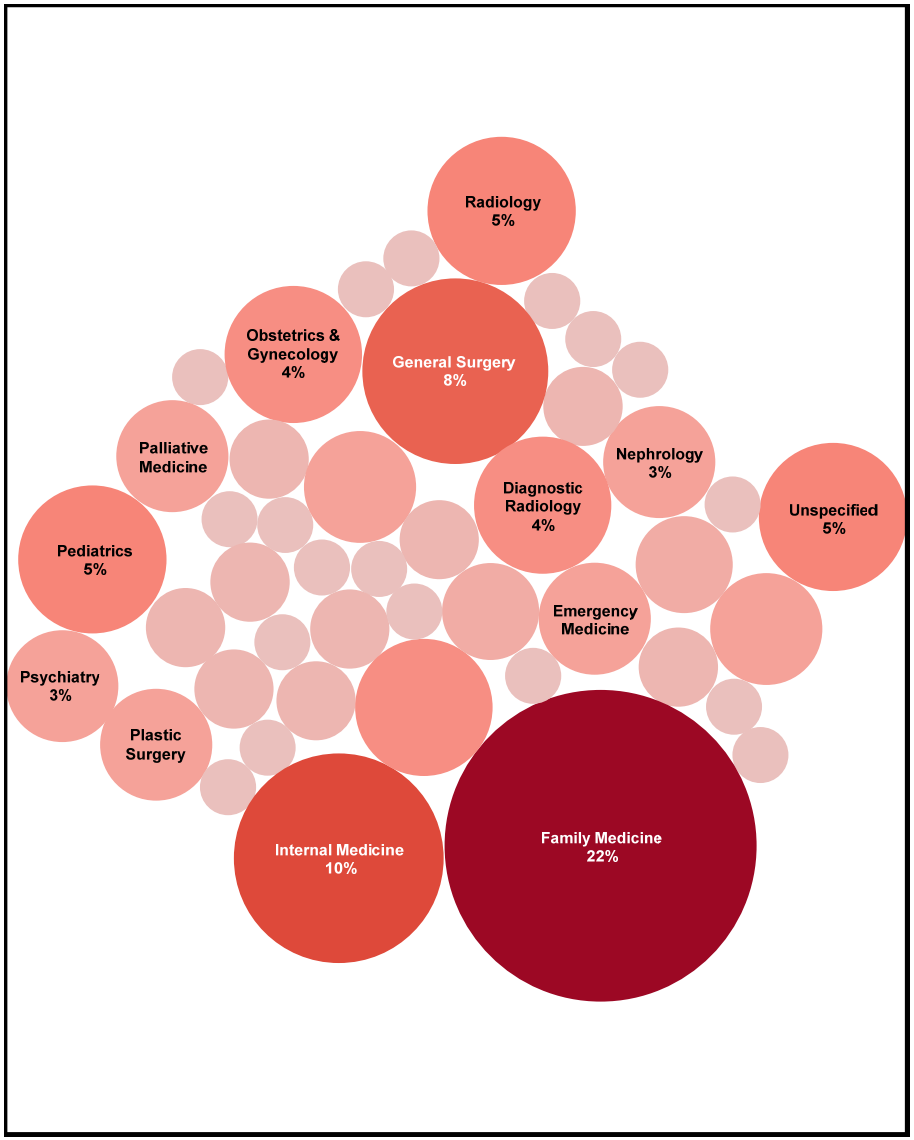
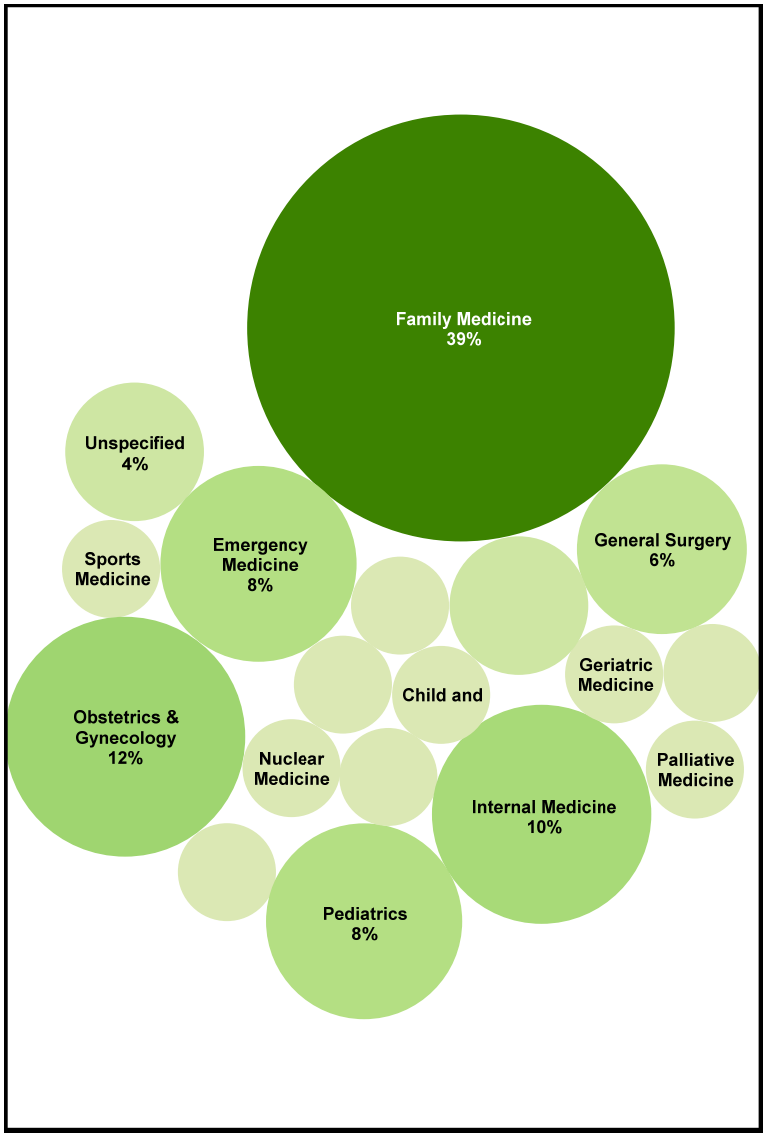
District 1 Specialties



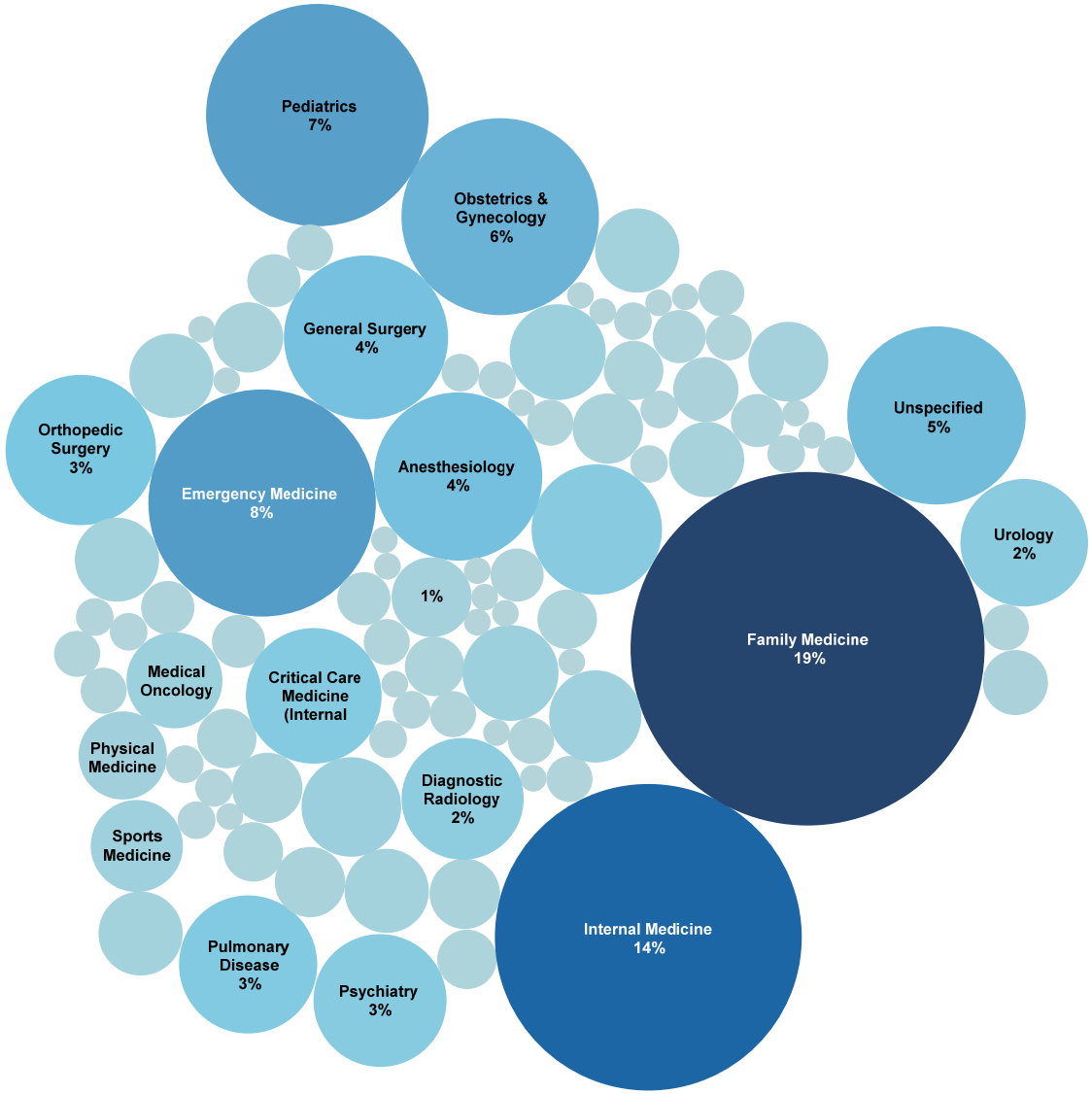
District 1 Urban Specialties



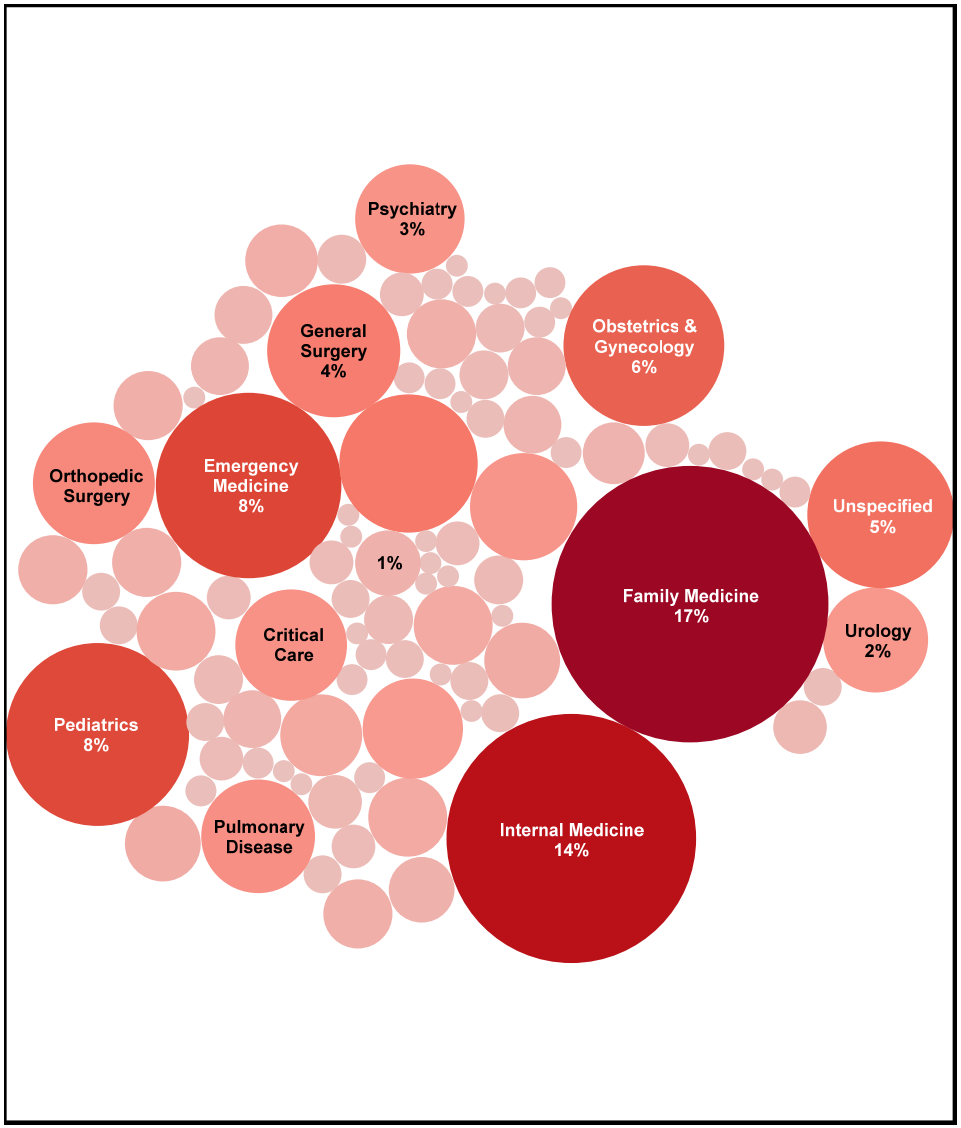
District 1 Rural Specialties



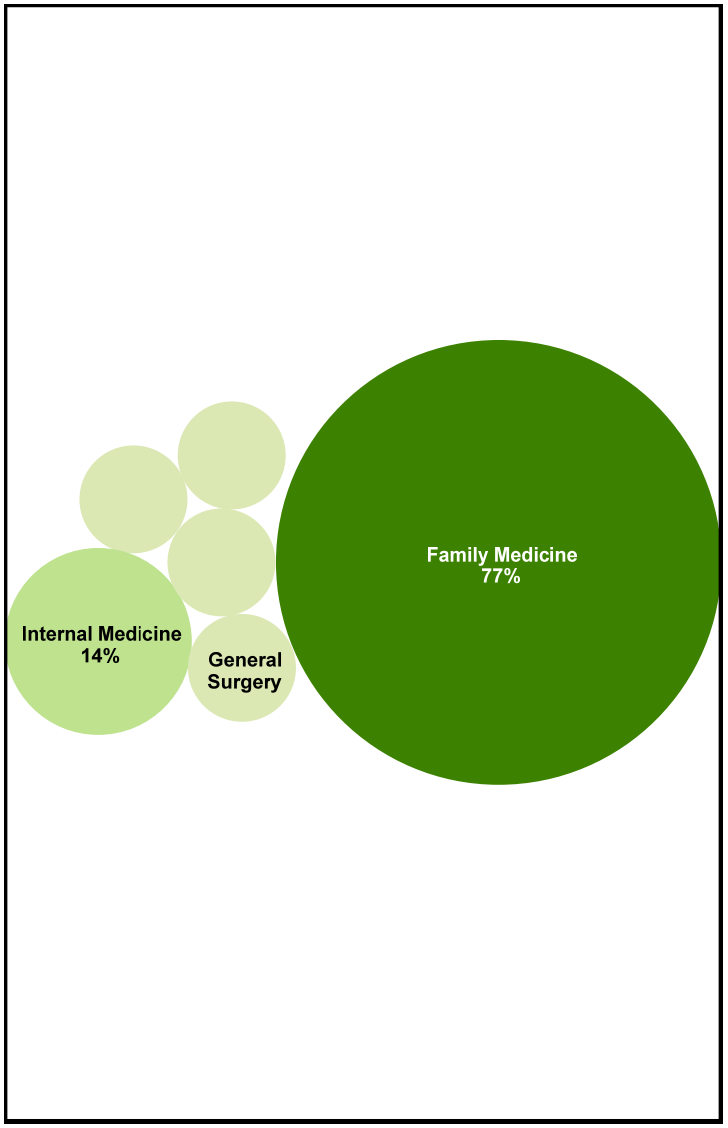
District 4 Specialties



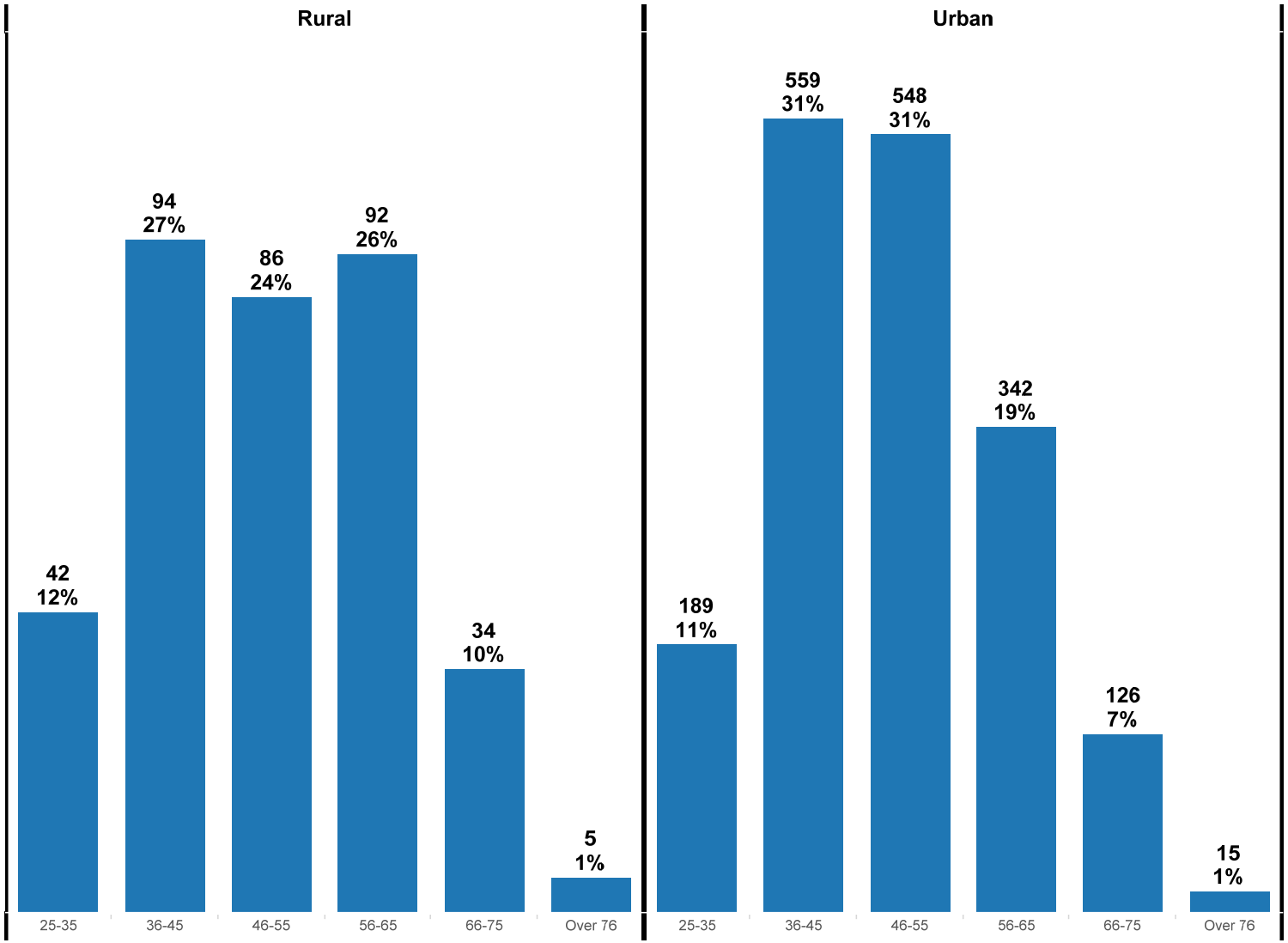
District 4 Urban Specialties



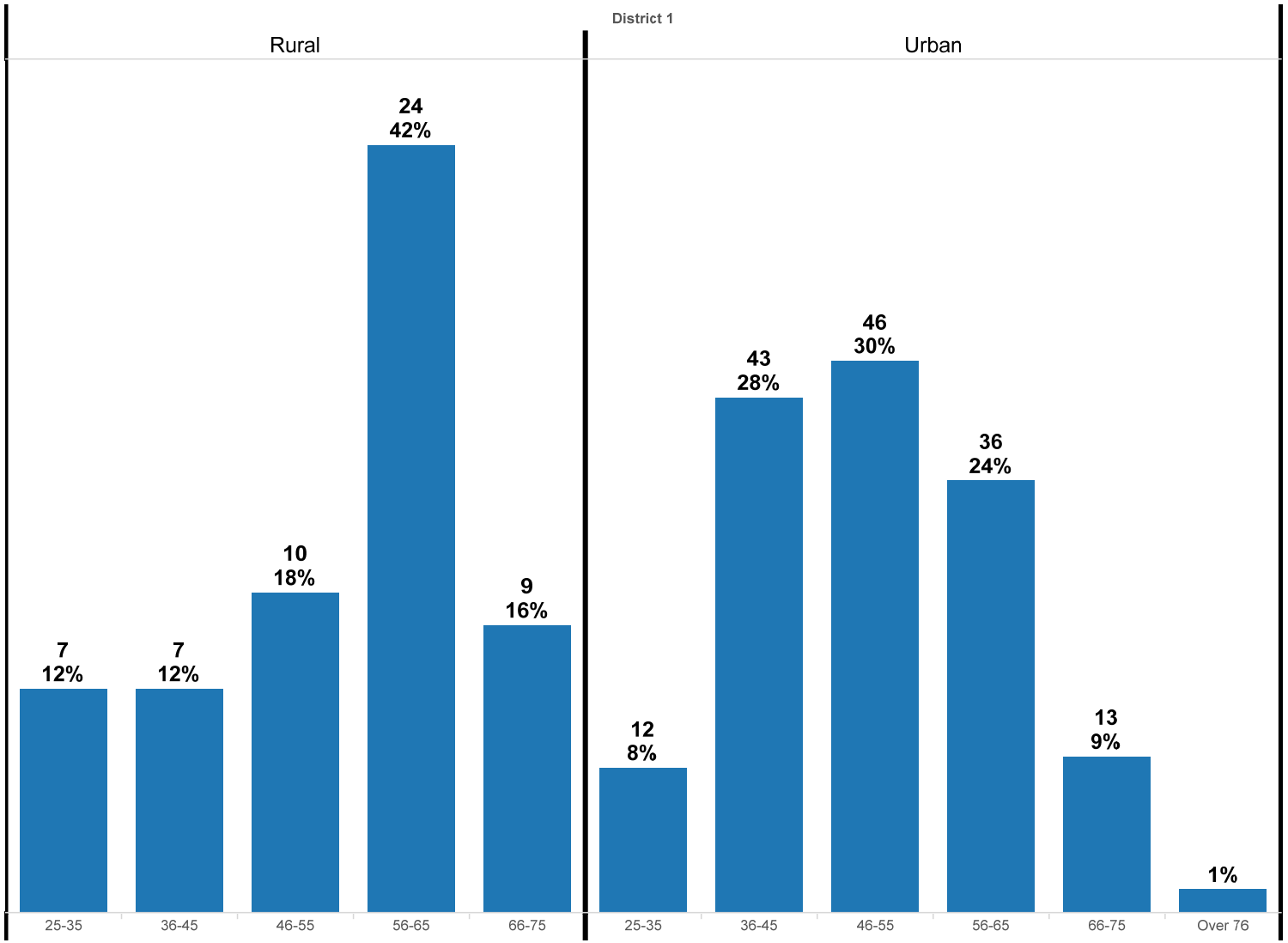
District 4 Rural Specialties



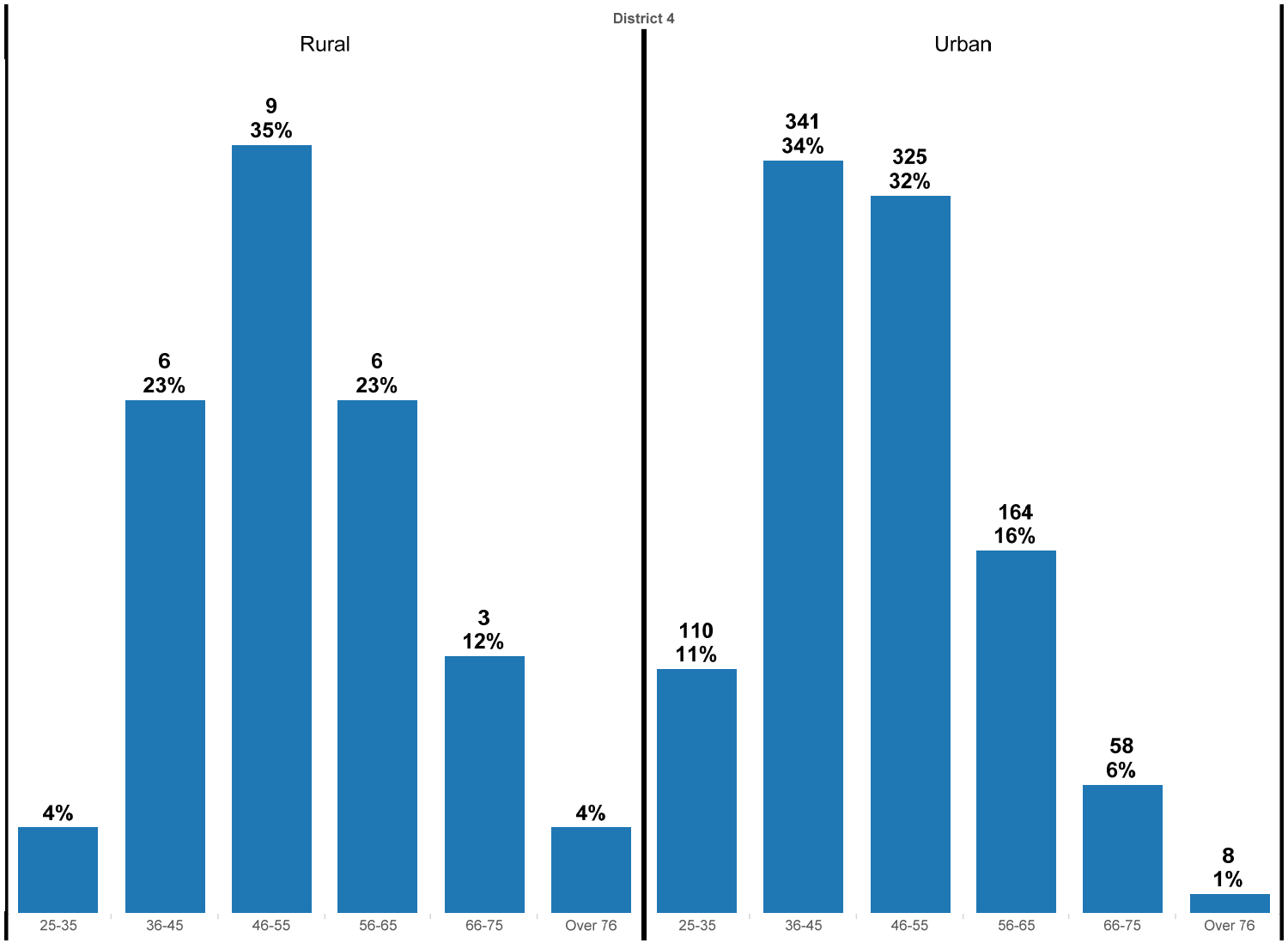
Age by Urban and Rural Statewide



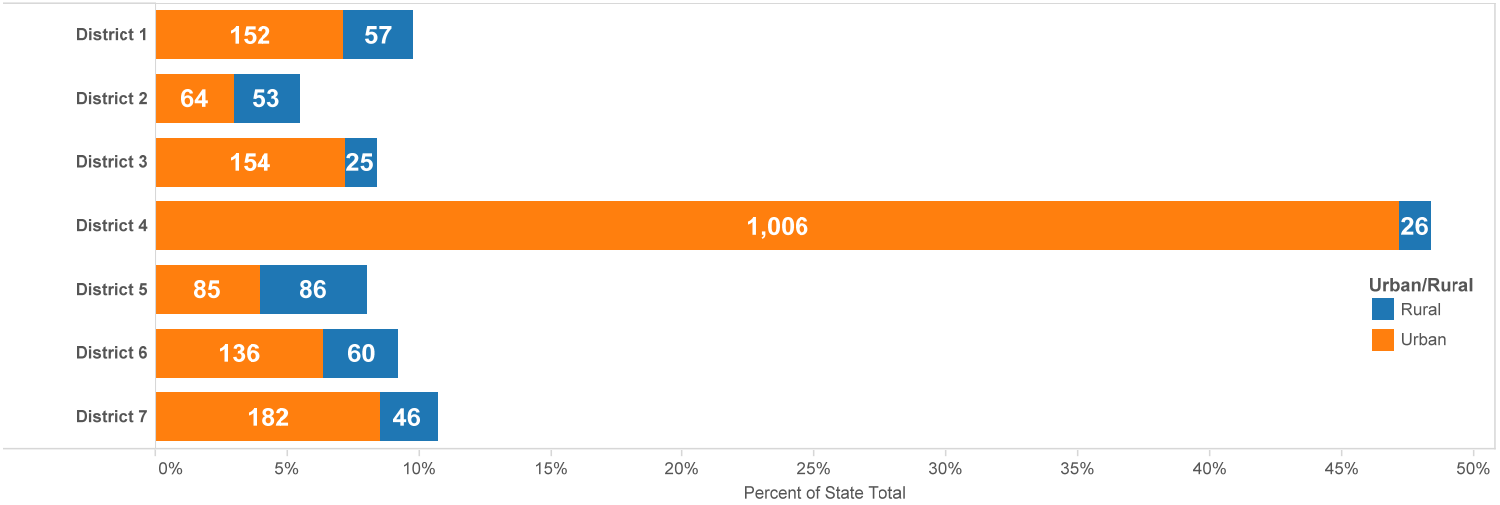
Age by Urban and Rural
District 1



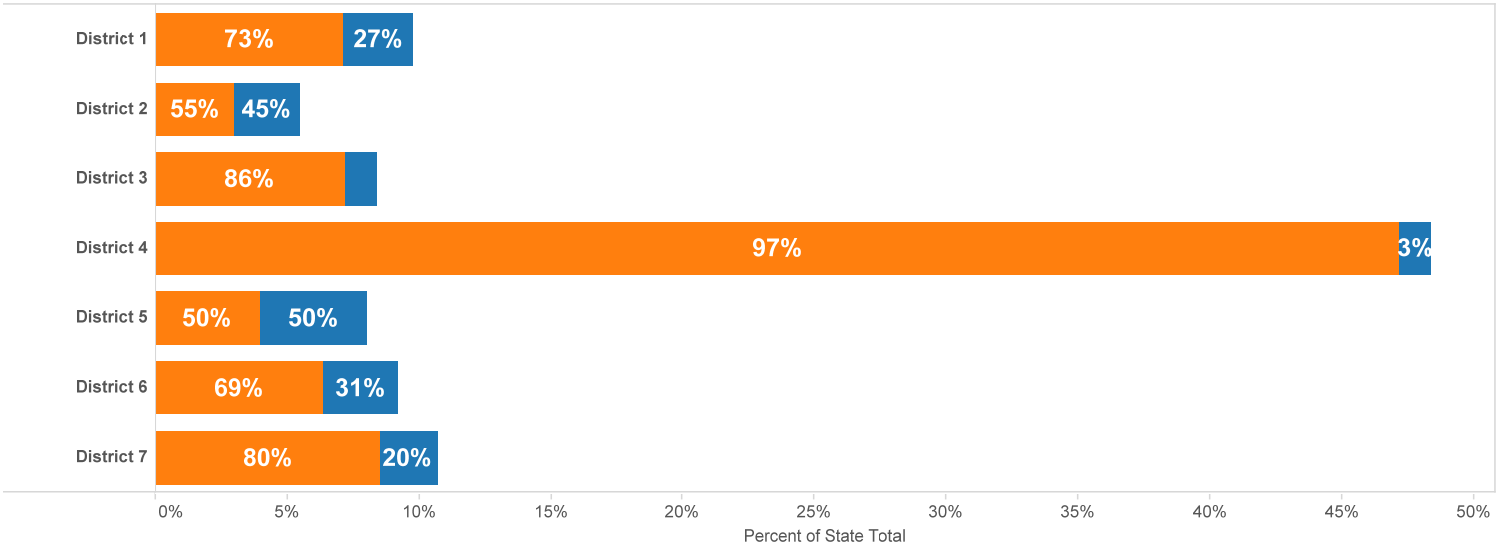
Age by Urban and Rural
District 4



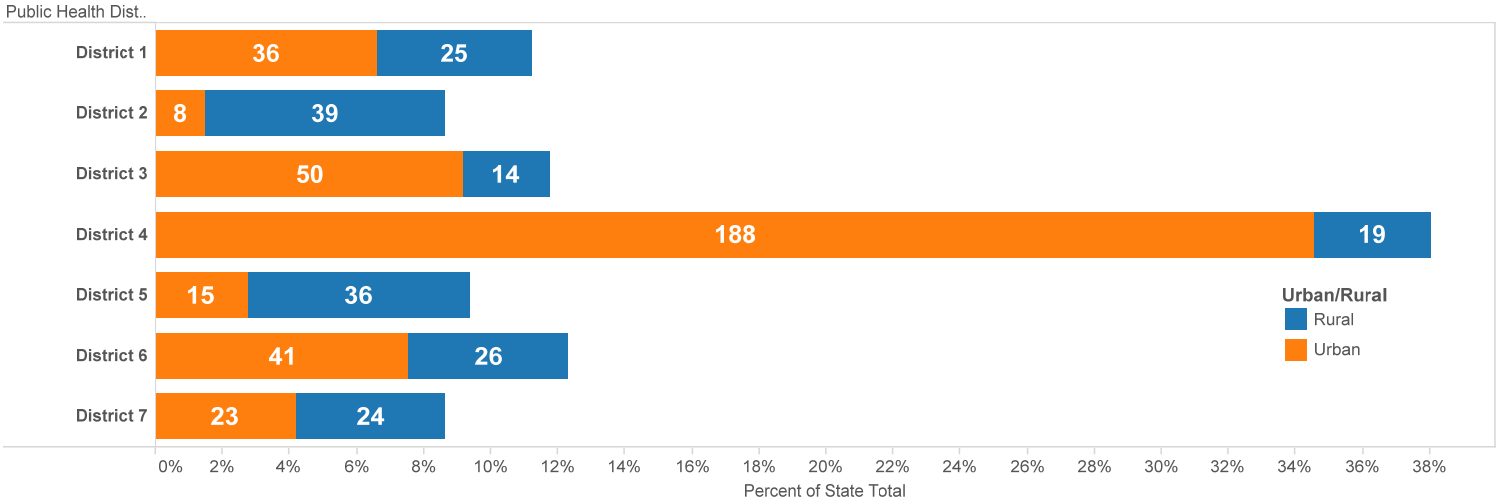
Totals by District



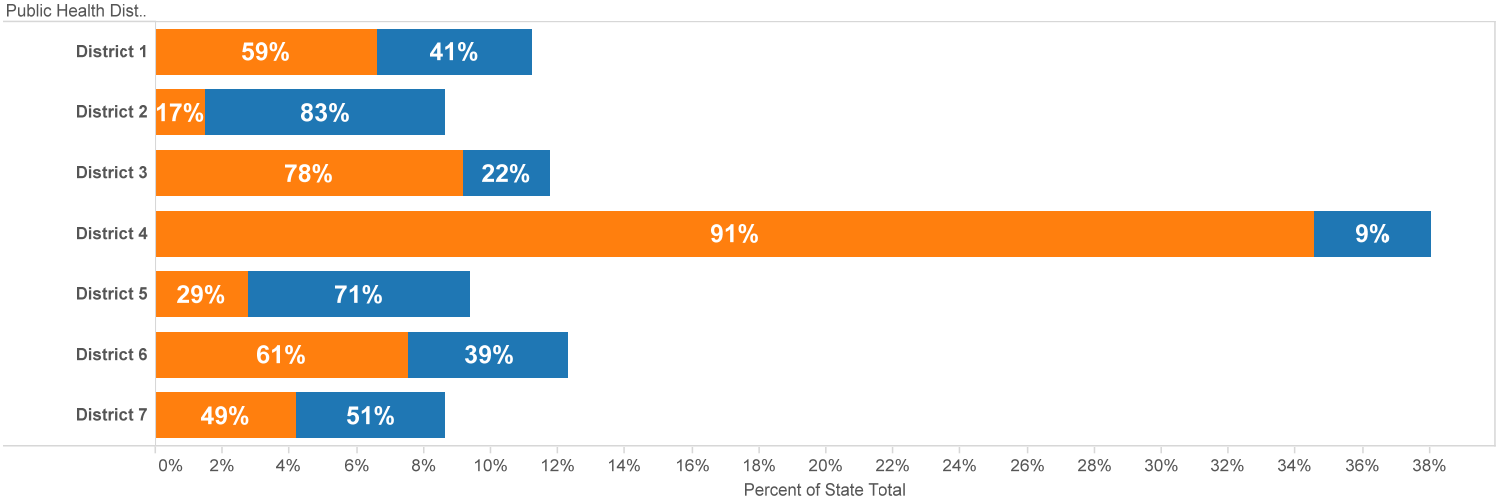
Urban/Rural Share of District Total



Family Medicine Doctors by District



Family Medicine Doctors Urban/Rural Share by District



Questions?

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