

## Chattahoochee County Physician Standard Report

| Physician Specialty           |                            | 2008 Actual    |            |            | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------|------------|----------------|
|                               |                            | Population     | Physicians | /100k      | Population     |
| <b>Dermatology</b>            |                            | <b>13,905</b>  | <b>1</b>   | <b>7.2</b> | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status     |            | Physician Need |
| AMA                           | 3.7                        | 1              | Adequate   | 0          | 1              |
| Two Mature HMO                | 2.8                        | 0              | Surplus:   | 1          | 1              |
| Adjusted FTE                  | 2.6                        | 0              | Surplus:   | 1          | 1              |
| GMENAC                        | 2.8                        | 0              | Surplus:   | 1          | 1              |
| Kaiser Portland               | 2.5                        | 0              | Surplus:   | 1          | 0              |
| 7 Kaiser Plans                | 2.4                        | 0              | Surplus:   | 1          | 0              |
| GHC Seattle                   | 2.6                        | 0              | Surplus:   | 1          | 1              |
| Three HMOs                    | 1.6                        | 0              | Surplus:   | 1          | 0              |
| Goodman                       | 1.4                        | 0              | Surplus:   | 1          | 0              |
| Hicks & Glenn                 | 2.1                        | 0              | Surplus:   | 1          | 0              |
| Solucient                     | 3.1                        | 0              | Surplus:   | 1          | 1              |
| Average Requirement           | 2.4                        | 0              | Surplus:   | 1          | 0              |

| Physician Specialty           |                            | 2008 Actual    |            |             | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------|-------------|----------------|
|                               |                            | Population     | Physicians | /100k       | Population     |
| <b>Emergency Medicine</b>     |                            | <b>13,905</b>  | <b>3</b>   | <b>21.6</b> | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status     |             | Physician Need |
| AMA                           | 10.5                       | 1              | Surplus:   | 2           | 2              |
| Two Mature HMO                | 5.5                        | 1              | Surplus:   | 2           | 1              |
| Adjusted FTE                  | 5.2                        | 1              | Surplus:   | 2           | 1              |
| GMENAC                        | 5.4                        | 1              | Surplus:   | 2           | 1              |
| Kaiser Portland               | 6.7                        | 1              | Surplus:   | 2           | 1              |
| 7 Kaiser Plans                | 5.3                        | 1              | Surplus:   | 2           | 1              |
| GHC Seattle                   |                            |                |            |             |                |
| Three HMOs                    |                            |                |            |             |                |
| Goodman                       | 2.7                        | 0              | Surplus:   | 3           | 1              |
| Hicks & Glenn                 |                            |                |            |             |                |
| Solucient                     | 12.4                       | 2              | Surplus:   | 1           | 3              |
| Average Requirement           | 6.2                        | 1              | Surplus:   | 2           | 1              |

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|                               |                            | Population     | Physicians | /100k        | Population     |
| <b>Family Practice</b>        |                            | <b>13,905</b>  | <b>15</b>  | <b>107.9</b> | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status     |              | Physician Need |
| AMA                           | 31.5                       | 4              | Surplus:   | 11           | 6              |
| Two Mature HMO                | 45.6                       | 6              | Surplus:   | 9            | 9              |
| Adjusted FTE                  | 42.6                       | 6              | Surplus:   | 9            | 9              |
| GMENAC                        | 25.2                       | 4              | Surplus:   | 11           | 5              |
| Kaiser Portland               | 16.7                       | 2              | Surplus:   | 13           | 2              |
| 7 Kaiser Plans                | 11.0                       | 2              | Surplus:   | 13           | 2              |
| GHC Seattle                   |                            |                |            |              |                |
| Three HMOs                    | 9.2                        | 1              | Surplus:   | 14           | 2              |
| Goodman                       |                            |                |            |              |                |
| Hicks & Glenn                 | 16.2                       | 2              | Surplus:   | 13           | 3              |
| Solucient                     | 22.5                       | 3              | Surplus:   | 12           | 5              |
| Average Requirement           | 23.6                       | 3              | Surplus:   | 12           | 5              |

| Physician Specialty           |                            | 2008 Actual    |            |             | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------|-------------|----------------|
|                               |                            | Population     | Physicians | /100k       | Population     |
| <b>Internal Medicine</b>      |                            | <b>13,905</b>  | <b>3</b>   | <b>21.6</b> | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status     |             | Physician Need |
| AMA                           | 53.1                       | 7              | Deficit:   | -4          | 11             |
| Two Mature HMO                | 21.4                       | 3              | Adequate   | 0           | 4              |
| Adjusted FTE                  | 20.0                       | 3              | Adequate   | 0           | 4              |
| GMENAC                        | 28.8                       | 4              | Deficit:   | -1          | 6              |
| Kaiser Portland               | 28.1                       | 4              | Deficit:   | -1          | 6              |
| 7 Kaiser Plans                | 30.3                       | 4              | Deficit:   | -1          | 6              |
| GHC Seattle                   |                            |                |            |             |                |
| Three HMOs                    | 16.7                       | 2              | Surplus:   | 1           | 3              |
| Goodman                       |                            |                |            |             |                |
| Hicks & Glenn                 | 11.3                       | 2              | Surplus:   | 1           | 2              |
| Solucient                     | 19.0                       | 3              | Adequate   | 0           | 4              |
| Average Requirement           | 22.0                       | 3              | Adequate   | 0           | 4              |

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| Physician Specialty           |                            | 2008 Actual    |                  |                | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------------|----------------|----------------|
|                               |                            | Population     | Physicians /100k | Physician Need | Population     |
| <b>OB/GYN</b>                 |                            | <b>13,905</b>  | <b>1</b>         | <b>7.2</b>     | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status           | Physician Need |                |
| AMA                           | 14.1                       | 2              | Deficit: -1      | 3              |                |
| Two Mature HMO                | 12.1                       | 2              | Deficit: -1      | 2              |                |
| Adjusted FTE                  | 11.3                       | 2              | Deficit: -1      | 2              |                |
| GMENAC                        | 9.9                        | 1              | Adequate 0       | 2              |                |
| Kaiser Portland               | 11.6                       | 2              | Deficit: -1      | 2              |                |
| 7 Kaiser Plans                | 11.5                       | 2              | Deficit: -1      | 2              |                |
| GHC Seattle                   | 10.0                       | 1              | Adequate 0       | 2              |                |
| Three HMOs                    | 8.8                        | 1              | Adequate 0       | 2              |                |
| Goodman                       | 8.4                        | 1              | Adequate 0       | 2              |                |
| Hicks & Glenn                 | 8.0                        | 1              | Adequate 0       | 2              |                |
| Solucient                     | 10.2                       | 1              | Adequate 0       | 2              |                |
| Average Requirement           | 10.2                       | 1              | Adequate 0       | 2              |                |

| Physician Specialty           |                            | 2008 Actual    |                  |                | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------------|----------------|----------------|
|                               |                            | Population     | Physicians /100k | Physician Need | Population     |
| <b>Orthopedic Surgery</b>     |                            | <b>13,905</b>  | <b>1</b>         | <b>7.2</b>     | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status           | Physician Need |                |
| AMA                           | 8.3                        | 1              | Adequate 0       | 2              |                |
| Two Mature HMO                | 6.8                        | 1              | Adequate 0       | 1              |                |
| Adjusted FTE                  | 6.4                        | 1              | Adequate 0       | 1              |                |
| GMENAC                        | 6.0                        | 1              | Adequate 0       | 1              |                |
| Kaiser Portland               | 5.9                        | 1              | Adequate 0       | 1              |                |
| 7 Kaiser Plans                | 4.2                        | 1              | Adequate 0       | 1              |                |
| GHC Seattle                   | 6.7                        | 1              | Adequate 0       | 1              |                |
| Three HMOs                    | 3.0                        | 0              | Surplus: 1       | 1              |                |
| Goodman                       | 5.9                        | 1              | Adequate 0       | 1              |                |
| Hicks & Glenn                 | 4.2                        | 1              | Adequate 0       | 1              |                |
| Solucient                     | 6.1                        | 1              | Adequate 0       | 1              |                |
| Average Requirement           | 5.5                        | 1              | Adequate 0       | 1              |                |

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|                               |                            | Population     | Physicians /100k | Physician Need | Population     |
| <b>Pediatrics</b>             |                            | <b>13,905</b>  | <b>1</b>         | <b>7.2</b>     | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status           | Physician Need |                |
| AMA                           | 24.9                       | 3              | Deficit: -2      | 5              |                |
| Two Mature HMO                | 16.6                       | 2              | Deficit: -1      | 3              |                |
| Adjusted FTE                  | 15.5                       | 2              | Deficit: -1      | 3              |                |
| GMENAC                        | 12.4                       | 2              | Deficit: -1      | 3              |                |
| Kaiser Portland               | 11.9                       | 2              | Deficit: -1      | 3              |                |
| 7 Kaiser Plans                | 16.0                       | 2              | Deficit: -1      | 3              |                |
| GHC Seattle                   |                            |                |                  |                |                |
| Three HMOs                    | 9.8                        | 1              | Adequate 0       | 2              |                |
| Goodman                       |                            |                |                  |                |                |
| Hicks & Glenn                 | 7.6                        | 1              | Adequate 0       | 2              |                |
| Solucient                     | 13.9                       | 2              | Deficit: -1      | 3              |                |
| Average Requirement           | 13.0                       | 2              | Deficit: -1      | 3              |                |

| Physician Specialty           |                            | 2008 Actual    |                  |                | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------------|----------------|----------------|
|                               |                            | Population     | Physicians /100k | Physician Need | Population     |
| <b>Psychiatry</b>             |                            | <b>13,905</b>  | <b>1</b>         | <b>7.2</b>     | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status           | Physician Need |                |
| AMA                           | 13.6                       | 2              | Deficit: -1      | 3              |                |
| Two Mature HMO                | 7.7                        | 1              | Adequate 0       | 2              |                |
| Adjusted FTE                  | 7.2                        | 1              | Adequate 0       | 1              |                |
| GMENAC                        | 15.4                       | 2              | Deficit: -1      | 3              |                |
| Kaiser Portland               | 5.2                        | 1              | Adequate 0       | 1              |                |
| 7 Kaiser Plans                | 4.1                        | 1              | Adequate 0       | 1              |                |
| GHC Seattle                   |                            |                |                  |                |                |
| Three HMOs                    |                            |                |                  |                |                |
| Goodman                       | 7.2                        | 1              | Adequate 0       | 1              |                |
| Hicks & Glenn                 | 3.9                        | 1              | Adequate 0       | 1              |                |
| Solucient                     | 5.7                        | 1              | Adequate 0       | 1              |                |
| Average Requirement           | 7.1                        | 1              | Adequate 0       | 1              |                |

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|                               |                            | Population     | Physicians | /100k       | Population     |
| <b>Radiology</b>              |                            | <b>13,905</b>  | <b>2</b>   | <b>14.4</b> | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status     |             | Physician Need |
| AMA                           | 11.4                       | 2              | Adequate   | 0           | 2              |
| Two Mature HMO                | 13.6                       | 2              | Adequate   | 0           | 3              |
| Adjusted FTE                  | 13.7                       | 2              | Adequate   | 0           | 3              |
| GMENAC                        | 7.7                        | 1              | Surplus:   | 1           | 2              |
| Kaiser Portland               | 8.5                        | 1              | Surplus:   | 1           | 1              |
| 7 Kaiser Plans                | 4.7                        | 1              | Surplus:   | 1           | 1              |
| GHC Seattle                   | 7.7                        | 1              | Surplus:   | 1           | 2              |
| Three HMOs                    |                            |                |            |             |                |
| Goodman                       | 8.0                        | 1              | Surplus:   | 1           | 2              |
| Hicks & Glenn                 |                            |                |            |             |                |
| Solucient                     |                            |                |            |             |                |
| Average Requirement           | 9.1                        | 1              | Surplus:   | 1           | 2              |

| Physician Specialty           |                            | 2008 Actual    |            |             | 2015 Projected |
|-------------------------------|----------------------------|----------------|------------|-------------|----------------|
|                               |                            | Population     | Physicians | /100k       | Population     |
| <b>General Surgery</b>        |                            | <b>13,905</b>  | <b>2</b>   | <b>14.4</b> | <b>20,395</b>  |
| National Physician Standards* | Standard Phys/100,000 Pop. | Physician Need | Status     |             | Physician Need |
| AMA                           | 12.5                       | 2              | Adequate   | 0           | 3              |
| Two Mature HMO                | 9.4                        | 1              | Surplus:   | 1           | 2              |
| Adjusted FTE                  | 8.8                        | 1              | Surplus:   | 1           | 2              |
| GMENAC                        | 9.7                        | 1              | Surplus:   | 1           | 2              |
| Kaiser Portland               | 7.0                        | 1              | Surplus:   | 1           | 1              |
| 7 Kaiser Plans                | 6.2                        | 1              | Surplus:   | 1           | 1              |
| GHC Seattle                   | 5.9                        | 1              | Surplus:   | 1           | 1              |
| Three HMOs                    | 4.2                        | 1              | Surplus:   | 1           | 1              |
| Goodman                       | 9.7                        | 1              | Surplus:   | 1           | 2              |
| Hicks & Glenn                 | 4.1                        | 1              | Surplus:   | 1           | 1              |
| Solucient                     | 6.0                        | 1              | Surplus:   | 1           | 1              |
| Average Requirement           | 7.1                        | 1              | Surplus:   | 1           | 1              |

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Report created by Georgia Board for Physician Workforce, State of Georgia

\*Standards are presented as rates per 100,000 population

- (1) McClendon, B., R. Polizer, E. Christain, and E. Fernandez. 1997. Downsizing the Physician Workforce. Public Health Reports. May/June 112:231-239.
- (2) Graduate Medical Education National Advisory Committee Summary Report. 1981. Pub. No. (HRA) 81-651. Washington: Government Printing Office.
- (3) American Medical Association. 1996. Physician Characteristics and Distribution in the US: 1995/1996. Chicago.
- (4) American Osteopathic Association. 1993. 1994 Yearbook and Directory of Osteopathic Physicians. Chicago.
- (5) Hart, L., E. Wagner, J. Parzada, A. Nelson, and R. Rosenblat. 1997. Physician Staffing Ratios in Staff- Model HMO's: A Cautionary Tale, Health Affairs 16, no. 1:55-70.
- (6) Weiner, J.P. 1994 Forecasting the Effects of Health Reform on U.S. Physician Workforce Requirement. JAMA 272, no. 3:222-230.
- (7) Steinwachs, D., J.P. Weiner, S. Shapiro, et al. 1986. A Comparison of the Requirements for Primary Care Physicians in with Projections Made by the Graduate Medical National Advisory Committee. New England Journal of Medicine 314:217-222.
- (8) Kronick, R., D.C. Goodman, J. Wennberg, and E. Wagner. 1993. The Marketplace in Health Care Reform: The Demographic Limitations of Managed Competition. New England Journal of Medicine 328:1480-152. See also, related NAPS Document 04998.
- (9) Vansdow, N.A. The Physician Workforce: Issues for Academic Medical Centers. Forum on the Future of Academic Medicine. December 2, 1996.
- (10) Forte, G.J., Dionne, M., Beaulieu, M., and Salsberg, E. Profile of New York State Physicians. Rensselaer, NY: Center for Health Workforce Studies, School of Public Health, SUNY Albany. April 2001.
- (11) A Review of Physician-to-Population Ratios. Merritt Hawkins & Associates. GMENAC, Goodman (Dec. 11, 1996 JAMA), Hicks & Glenn (1989 Journal of Health Care Management), Solucient (2003).
- (12) American Medical Association. Physician Characteristics and Distribution in the US, 2010 Edition; 2010.