|          |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physicia | an Specialty                     |                               | Population        | Physicians | /100k | Population        |
| Anesth   | esiology                         |                               | 63,056            | 4          | 6.3   | 72,950            |
|          | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
|          | AMA                              | 14.0                          | 9                 | Deficit:   | -5    | 10                |
|          | Two Mature HMO                   | 9.7                           | 6                 | Deficit:   | -2    | 7                 |
|          | Adjusted FTE                     | 9.1                           | 6                 | Deficit:   | -2    | 7                 |
|          | GMENAC                           | 8.9                           | 6                 | Deficit:   | -2    | 6                 |
|          | Kaiser Portland                  | 5.9                           | 4                 | Adequate   | 0     | 3                 |
|          | 7 Kaiser Plans                   | 3.9                           | 2                 | Surplus:   | 2     | 3                 |
|          | GHC Seattle                      | 9.0                           | 6                 | Deficit:   | -2    | 7                 |
|          | Three HMOs                       |                               |                   |            |       |                   |
|          | Goodman                          | 7.0                           | 4                 | Adequate   | 0     | 5                 |
|          | Hicks & Glenn                    |                               |                   |            |       |                   |
|          | Solucient                        |                               |                   |            |       |                   |
|          | Average Requirement              | 7.6                           | 5                 | Deficit:   | -1    | 6                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              | hysician Specialty            |                   | Physicians | /100k | Population        |
| Cardiovascular Diseases          |                               | 63,056            | 2          | 3.2   | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| AMA                              | 7.5                           | 5                 | Deficit:   | -3    | 5                 |
| Two Mature HMO                   | 5.4                           | 3                 | Deficit:   | -1    | 4                 |
| Adjusted FTE                     | 5.0                           | 3                 | Deficit:   | -1    | 4                 |
| GMENAC                           | 3.1                           | 2                 | Adequate   | 0     | 2                 |
| Kaiser Portland                  | 3.0                           | 2                 | Adequate   | 0     | 1                 |
| 7 Kaiser Plans                   | 1.8                           | 1                 | Surplus:   | 1     | 1                 |
| GHC Seattle                      | 2.9                           | 2                 | Adequate   | 0     | 2                 |
| Three HMOs                       |                               |                   |            |       |                   |
| Goodman                          | 3.6                           | 2                 | Adequate   | 0     | 3                 |
| Hicks & Glenn                    | 2.6                           | 2                 | Adequate   | 0     | 2                 |
| Solucient                        | 4.2                           | 3                 | Deficit:   | -1    | 3                 |
| Average Requirement              | 3.5                           | 2                 | Adequate   | 0     | 3                 |

|        |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|--------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physic | cian Specialty                   |                               | Population        | Physicians | /100k | Population        |
| Derma  | atology                          |                               | 63,056            | 1          | 1.6   | 72,950            |
|        | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
|        | AMA                              | 3.7                           | 2                 | Deficit:   | -1    | 3                 |
|        | Two Mature HMO                   | 2.8                           | 2                 | Deficit:   | -1    | 2                 |
|        | Adjusted FTE                     | 2.6                           | 2                 | Deficit:   | -1    | 2                 |
|        | GMENAC                           | 2.8                           | 2                 | Deficit:   | -1    | 2                 |
|        | Kaiser Portland                  | 2.5                           | 2                 | Deficit:   | -1    | 2                 |
|        | 7 Kaiser Plans                   | 2.4                           | 2                 | Deficit:   | -1    | 2                 |
|        | GHC Seattle                      | 2.6                           | 2                 | Deficit:   | -1    | 2                 |
|        | Three HMOs                       | 1.6                           | 1                 | Adequate   | 0     | 1                 |
|        | Goodman                          | 1.4                           | 1                 | Adequate   | 0     | 1                 |
|        | Hicks & Glenn                    | 2.1                           | 1                 | Adequate   | 0     | 2                 |
|        | Solucient                        | 3.1                           | 2                 | Deficit:   | -1    | 2                 |
|        | Average Requirement              | 2.4                           | 2                 | Deficit:   | -1    | 2                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              | Physician Specialty           |                   | Physicians | /100k | Population        |
| Emergency Medicine               |                               | 63,056            | 7          | 11.1  | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| AMA                              | 10.5                          | 7                 | Adequate   | 0     | 8                 |
| Two Mature HMO                   | 5.5                           | 3                 | Surplus:   | 4     | 4                 |
| Adjusted FTE                     | 5.2                           | 3                 | Surplus:   | 4     | 4                 |
| GMENAC                           | 5.4                           | 3                 | Surplus:   | 4     | 4                 |
| Kaiser Portland                  | 6.7                           | 4                 | Surplus:   | 3     | 4                 |
| 7 Kaiser Plans                   | 5.3                           | 3                 | Surplus:   | 4     | 4                 |
| GHC Seattle                      |                               |                   |            |       |                   |
| Three HMOs                       |                               |                   |            |       |                   |
| Goodman                          | 2.7                           | 2                 | Surplus:   | 5     | 2                 |
| Hicks & Glenn                    |                               |                   |            |       |                   |
| Solucient                        | 12.4                          | 8                 | Deficit:   | -1    | 9                 |
| Average Requirement              | 6.2                           | 4                 | Surplus:   | 3     | 5                 |

|                      |                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------|------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty  |                  |                               | Population        | Physicians | /100k | Population        |
| Family Practice      |                  |                               | 63,056            | 10         | 15.9  | 72,950            |
| National<br>Standard | Physician<br>ls* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Stat       | tus   | Physician<br>Need |
| AMA                  |                  | 31.5                          | 20                | Deficit:   | -10   | 23                |
| Two Mat              | ure HMO          | 45.6                          | 29                | Deficit:   | -19   | 33                |
| Adjusted             | FTE              | 42.6                          | 27                | Deficit:   | -17   | 31                |
| GMENAG               | C                | 25.2                          | 16                | Deficit:   | -6    | 18                |
| Kaiser Po            | ortland          | 16.7                          | 11                | Deficit:   | -1    | 8                 |
| 7 Kaiser             | Plans            | 11.0                          | 7                 | Surplus:   | 3     | 8                 |
| GHC Sea              | attle            |                               |                   |            |       |                   |
| Three HM             | ИOs              | 9.2                           | 6                 | Surplus:   | 4     | 7                 |
| Goodma               | n                |                               |                   |            |       |                   |
| Hicks & (            | Glenn            | 16.2                          | 10                | Adequate   | 0     | 12                |
| Solucien             | t                | 22.5                          | 14                | Deficit:   | -4    | 16                |
| Average              | Requirement      | 23.6                          | 15                | Deficit:   | -5    | 17                |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              |                               | Population        | Physicians | /100k | Population        |
| Gastroenterology                 |                               | 63,056            | 3          | 4.8   | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Stat       | tus   | Physician<br>Need |
| AMA                              | 4.2                           | 3                 | Adequate   | 0     | 3                 |
| Two Mature HMO                   | 3.1                           | 2                 | Surplus:   | 1     | 2                 |
| Adjusted FTE                     |                               |                   |            |       |                   |
| GMENAC                           | 3.2                           | 2                 | Surplus:   | 1     | 2                 |
| Kaiser Portland                  | 1.7                           | 1                 | Surplus:   | 2     | 1                 |
| 7 Kaiser Plans                   | 1.7                           | 1                 | Surplus:   | 2     | 1                 |
| GHC Seattle                      |                               |                   |            |       |                   |
| Three HMOs                       |                               |                   |            |       |                   |
| Goodman                          | 1.3                           | 1                 | Surplus:   | 2     | 1                 |
| Hicks & Glenn                    |                               |                   |            |       |                   |
| Solucient                        | 3.5                           | 2                 | Surplus:   | 1     | 3                 |
| Average Requirement              | 2.4                           | 2                 | Surplus:   | 1     | 2                 |

|        |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|--------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physic | cian Specialty                   |                               | Population        | Physicians | /100k | Population        |
| Infect | tious Disease                    |                               | 63,056            | 1          | 1.6   | 72,950            |
|        | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
|        | AMA                              | 2.2                           | 1                 | Adequate   | 0     | 2                 |
|        | Two Mature HMO                   | 0.7                           | 0                 | Surplus:   | 1     | 1                 |
|        | Adjusted FTE                     | 0.6                           | 0                 | Surplus:   | 1     | 0                 |
|        | GMENAC                           | 0.9                           | 1                 | Adequate   | 0     | 1                 |
|        | Kaiser Portland                  | 1.2                           | 1                 | Adequate   | 0     | 1                 |
|        | 7 Kaiser Plans                   | 0.7                           | 0                 | Surplus:   | 1     | 1                 |
|        | GHC Seattle                      | 0.6                           | 0                 | Surplus:   | 1     | 0                 |
|        | Three HMOs                       |                               |                   |            |       |                   |
|        | Goodman                          |                               |                   |            |       |                   |
|        | Hicks & Glenn                    |                               |                   |            |       |                   |
|        | Solucient                        |                               |                   |            |       |                   |
|        | Average Requirement              | 0.8                           | 1                 | Adequate   | 0     | 1                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              | Physician Specialty           |                   |            | /100k | Population        |
| Internal Medicine                |                               | 63,056            | 16         | 25.4  | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| AMA                              | 53.1                          | 33                | Deficit:   | -17   | 39                |
| Two Mature HMO                   | 21.4                          | 13                | Surplus:   | 3     | 16                |
| Adjusted FTE                     | 20.0                          | 13                | Surplus:   | 3     | 15                |
| GMENAC                           | 28.8                          | 18                | Deficit:   | -2    | 21                |
| Kaiser Portland                  | 28.1                          | 18                | Deficit:   | -2    | 22                |
| 7 Kaiser Plans                   | 30.3                          | 19                | Deficit:   | -3    | 22                |
| GHC Seattle                      |                               |                   |            |       |                   |
| Three HMOs                       | 16.7                          | 11                | Surplus:   | 5     | 12                |
| Goodman                          |                               |                   |            |       |                   |
| Hicks & Glenn                    | 11.3                          | 7                 | Surplus:   | 9     | 8                 |
| Solucient                        | 19.0                          | 12                | Surplus:   | 4     | 14                |
| Average Requireme                | ent 22.0                      | 14                | Surplus:   | 2     | 16                |

|        |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|--------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physic | cian Specialty                   |                               | Population        | Physicians | /100k | Population        |
| Nephr  | ology                            |                               | 63,056            | 1          | 1.6   | 72,950            |
|        | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
|        | AMA                              | 2.6                           | 2                 | Deficit:   | -1    | 2                 |
|        | Two Mature HMO                   | 1.4                           | 1                 | Adequate   | 0     | 1                 |
|        | Adjusted FTE                     | 1.3                           | 1                 | Adequate   | 0     | 1                 |
|        | GMENAC                           | 1.1                           | 1                 | Adequate   | 0     | 1                 |
|        | Kaiser Portland                  | 0.8                           | 1                 | Adequate   | 0     | 1                 |
|        | 7 Kaiser Plans                   | 0.7                           | 0                 | Surplus:   | 1     | 1                 |
|        | GHC Seattle                      | 0.9                           | 1                 | Adequate   | 0     | 1                 |
|        | Three HMOs                       |                               |                   |            |       |                   |
|        | Goodman                          |                               |                   |            |       |                   |
|        | Hicks & Glenn                    |                               |                   |            |       |                   |
|        | Solucient                        | 0.7                           | 0                 | Surplus:   | 1     | 1                 |
|        | Average Requirement              | 1.0                           | 1                 | Adequate   | 0     | 1                 |

|           |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|-----------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician | Specialty                        |                               | Population        | Physicians | /100k | Population        |
| Neurolog  | у                                |                               | 63,056            | 1          | 1.6   | 72,950            |
|           | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| -         | AMA                              | 5.0                           | 3                 | Deficit:   | -2    | 4                 |
| -         | Two Mature HMO                   | 2.4                           | 2                 | Deficit:   | -1    | 2                 |
| -         | Adjusted FTE                     | 2.3                           | 1                 | Adequate   | 0     | 2                 |
| -         | GMENAC                           | 3.3                           | 2                 | Deficit:   | -1    | 2                 |
| -         | Kaiser Portland                  | 1.3                           | 1                 | Adequate   | 0     | 1                 |
| -         | 7 Kaiser Plans                   | 1.7                           | 1                 | Adequate   | 0     | 1                 |
| -         | GHC Seattle                      | 1.2                           | 1                 | Adequate   | 0     | 1                 |
| -         | Three HMOs                       |                               |                   |            |       |                   |
| -         | Goodman                          | 2.1                           | 1                 | Adequate   | 0     | 2                 |
| -         | Hicks & Glenn                    | 1.4                           | 1                 | Adequate   | 0     | 1                 |
| -         | Solucient                        | 1.8                           | 1                 | Adequate   | 0     | 1                 |
| -         | Average Requirement              | 1.9                           | 1                 | Adequate   | 0     | 1                 |

|           |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|-----------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician | Specialty                        |                               | Population        | Physicians | /100k | Population        |
| OB/GYN    |                                  |                               | 63,056            | 8          | 12.7  | 72,950            |
|           | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| -         | AMA                              | 14.1                          | 9                 | Deficit:   | -1    | 10                |
| -         | Two Mature HMO                   | 12.1                          | 8                 | Adequate   | 0     | 9                 |
| -         | Adjusted FTE                     | 11.3                          | 7                 | Surplus:   | 1     | 8                 |
| -         | GMENAC                           | 9.9                           | 6                 | Surplus:   | 2     | 7                 |
| -         | Kaiser Portland                  | 11.6                          | 7                 | Surplus:   | 1     | 8                 |
| -         | 7 Kaiser Plans                   | 11.5                          | 7                 | Surplus:   | 1     | 8                 |
| -         | GHC Seattle                      | 10.0                          | 6                 | Surplus:   | 2     | 7                 |
| -         | Three HMOs                       | 8.8                           | 6                 | Surplus:   | 2     | 6                 |
| -         | Goodman                          | 8.4                           | 5                 | Surplus:   | 3     | 6                 |
| -         | Hicks & Glenn                    | 8.0                           | 5                 | Surplus:   | 3     | 6                 |
| -         | Solucient                        | 10.2                          | 6                 | Surplus:   | 2     | 7                 |
| -         | Average Requirement              | 10.2                          | 6                 | Surplus:   | 2     | 7                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              |                               | Population        | Physicians | /100k | Population        |
| Opthalmology                     |                               | 63,056            | 2          | 3.2   | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| AMA                              | 6.0                           | 4                 | Deficit:   | -2    | 4                 |
| Two Mature HMO                   | 5.9                           | 4                 | Deficit:   | -2    | 4                 |
| Adjusted FTE                     | 5.5                           | 3                 | Deficit:   | -1    | 4                 |
| GMENAC                           | 4.6                           | 3                 | Deficit:   | -1    | 3                 |
| Kaiser Portland                  | 2.4                           | 2                 | Adequate   | 0     | 2                 |
| 7 Kaiser Plans                   | 3.1                           | 2                 | Adequate   | 0     | 2                 |
| GHC Seattle                      | 5.0                           | 3                 | Deficit:   | -1    | 4                 |
| Three HMOs                       |                               |                   |            |       |                   |
| Goodman                          | 3.5                           | 2                 | Adequate   | 0     | 3                 |
| Hicks & Glenn                    | 3.2                           | 2                 | Adequate   | 0     | 2                 |
| Solucient                        | 4.7                           | 3                 | Deficit:   | -1    | 3                 |
| Average Requirement              | 4.2                           | 3                 | Deficit:   | -1    | 3                 |

|        |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|--------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physic | Physician Specialty              |                               | Population        | Physicians | /100k | Population        |
| Ortho  | pedic Surgery                    |                               | 63,056            | 2          | 3.2   | 72,950            |
|        | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
|        | AMA                              | 8.3                           | 5                 | Deficit:   | -3    | 6                 |
|        | Two Mature HMO                   | 6.8                           | 4                 | Deficit:   | -2    | 5                 |
|        | Adjusted FTE                     | 6.4                           | 4                 | Deficit:   | -2    | 5                 |
|        | GMENAC                           | 6.0                           | 4                 | Deficit:   | -2    | 4                 |
|        | Kaiser Portland                  | 5.9                           | 4                 | Deficit:   | -2    | 3                 |
|        | 7 Kaiser Plans                   | 4.2                           | 3                 | Deficit:   | -1    | 3                 |
|        | GHC Seattle                      | 6.7                           | 4                 | Deficit:   | -2    | 5                 |
|        | Three HMOs                       | 3.0                           | 2                 | Adequate   | 0     | 2                 |
|        | Goodman                          | 5.9                           | 4                 | Deficit:   | -2    | 4                 |
|        | Hicks & Glenn                    | 4.2                           | 3                 | Deficit:   | -1    | 3                 |
|        | Solucient                        | 6.1                           | 4                 | Deficit:   | -2    | 4                 |
|        | Average Requirement              | 5.5                           | 3                 | Deficit:   | -1    | 4                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              | Physician Specialty           |                   |            | /100k | Population        |
| Otolaryngology                   |                               | 63,056            | 1          | 1.6   | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| AMA                              | 3.4                           | 2                 | Deficit:   | -1    | 2                 |
| Two Mature HMO                   | 3.2                           | 2                 | Deficit:   | -1    | 2                 |
| Adjusted FTE                     |                               |                   |            |       |                   |
| GMENAC                           | 3.2                           | 2                 | Deficit:   | -1    | 2                 |
| Kaiser Portland                  | 3.4                           | 2                 | Deficit:   | -1    | 2                 |
| 7 Kaiser Plans                   | 2.4                           | 2                 | Deficit:   | -1    | 2                 |
| GHC Seattle                      | 3.0                           | 2                 | Deficit:   | -1    | 2                 |
| Three HMOs                       |                               |                   |            |       |                   |
| Goodman                          |                               |                   |            |       |                   |
| Hicks & Glenn                    |                               |                   |            |       |                   |
| Solucient                        |                               |                   |            |       |                   |
| Average Requirement              | 3.0                           | 2                 | Deficit:   | -1    | 2                 |

|                     |                                  |                               | 2                 | 008 Actual |            | 2015 Projected    |
|---------------------|----------------------------------|-------------------------------|-------------------|------------|------------|-------------------|
| Physician Specialty |                                  | Population                    | Physicians        | /100k      | Population |                   |
| Pathology           | ý                                |                               | 63,056            | 1          | 1.6        | 72,950            |
|                     | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus        | Physician<br>Need |
| -                   | AMA                              | 6.3                           | 4                 | Deficit:   | -3         | 5                 |
| -                   | Two Mature HMO                   | 1.9                           | 1                 | Adequate   | 0          | 1                 |
| -                   | Adjusted FTE                     | 1.8                           | 1                 | Adequate   | 0          | 1                 |
| -                   | GMENAC                           | 6.4                           | 4                 | Deficit:   | -3         | 5                 |
| -                   | Kaiser Portland                  | 3.3                           | 2                 | Deficit:   | -1         | 1                 |
| -                   | 7 Kaiser Plans                   | 1.8                           | 1                 | Adequate   | 0          | 1                 |
| -                   | GHC Seattle                      |                               |                   |            |            |                   |
| -                   | Three HMOs                       |                               |                   |            |            |                   |
| -                   | Goodman                          | 4.1                           | 3                 | Deficit:   | -2         | 3                 |
| -                   | Hicks & Glenn                    |                               |                   |            |            |                   |
| -                   | Solucient                        |                               |                   |            |            |                   |
| -                   | Average Requirement              | 3.2                           | 2                 | Deficit:   | -1         | 2                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              | Physician Specialty           |                   |            | /100k | Population        |
| Pediatrics                       | ediatrics                     |                   | 8          | 12.7  | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| AMA                              | 24.9                          | 16                | Deficit:   | -8    | 18                |
| Two Mature HMO                   | 16.6                          | 10                | Deficit:   | -2    | 12                |
| Adjusted FTE                     | 15.5                          | 10                | Deficit:   | -2    | 11                |
| GMENAC                           | 12.4                          | 8                 | Adequate   | 0     | 9                 |
| Kaiser Portland                  | 11.9                          | 8                 | Adequate   | 0     | 12                |
| 7 Kaiser Plans                   | 16.0                          | 10                | Deficit:   | -2    | 12                |
| GHC Seattle                      |                               |                   |            |       |                   |
| Three HMOs                       | 9.8                           | 6                 | Surplus:   | 2     | 7                 |
| Goodman                          |                               |                   |            |       |                   |
| Hicks & Glenn                    | 7.6                           | 5                 | Surplus:   | 3     | 6                 |
| Solucient                        | 13.9                          | 9                 | Deficit:   | -1    | 10                |
| Average Requirement              | 13.0                          | 8                 | Adequate   | 0     | 9                 |

|                     |                                  |                               | 2                 | 008 Actual |            | 2015 Projected    |
|---------------------|----------------------------------|-------------------------------|-------------------|------------|------------|-------------------|
| Physician Specialty |                                  | Population                    | Physicians        | /100k      | Population |                   |
| Psychiatr           | у                                |                               | 63,056            | 3          | 4.8        | 72,950            |
|                     | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus        | Physician<br>Need |
| -                   | AMA                              | 13.6                          | 9                 | Deficit:   | -6         | 10                |
| -                   | Two Mature HMO                   | 7.7                           | 5                 | Deficit:   | -2         | 6                 |
| -                   | Adjusted FTE                     | 7.2                           | 5                 | Deficit:   | -2         | 5                 |
| -                   | GMENAC                           | 15.4                          | 10                | Deficit:   | -7         | 11                |
| -                   | Kaiser Portland                  | 5.2                           | 3                 | Adequate   | 0          | 3                 |
| -                   | 7 Kaiser Plans                   | 4.1                           | 3                 | Adequate   | 0          | 3                 |
| -                   | GHC Seattle                      |                               |                   |            |            |                   |
| -                   | Three HMOs                       |                               |                   |            |            |                   |
| -                   | Goodman                          | 7.2                           | 5                 | Deficit:   | -2         | 5                 |
| -                   | Hicks & Glenn                    | 3.9                           | 2                 | Surplus:   | 1          | 3                 |
| -                   | Solucient                        | 5.7                           | 4                 | Deficit:   | -1         | 4                 |
| -                   | Average Requirement              | 7.1                           | 4                 | Deficit:   | -1         | 5                 |

|                                  |                               | 2                 | 008 Actual |            | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|------------|-------------------|
| Physician Specialty              | Population                    | Physicians        | /100k      | Population |                   |
| Pulmonary Diseases               | ulmonary Diseases             |                   | 2          | 3.2        | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus        | Physician<br>Need |
| AMA                              | 3.5                           | 2                 | Adequate   | 0          | 3                 |
| Two Mature HMO                   | 2.0                           | 1                 | Surplus:   | 1          | 1                 |
| Adjusted FTE                     | 1.9                           | 1                 | Surplus:   | 1          | 1                 |
| GMENAC                           | 1.4                           | 1                 | Surplus:   | 1          | 1                 |
| Kaiser Portland                  | 1.4                           | 1                 | Surplus:   | 1          | 1                 |
| 7 Kaiser Plans                   | 1.0                           | 1                 | Surplus:   | 1          | 1                 |
| GHC Seattle                      | 1.4                           | 1                 | Surplus:   | 1          | 1                 |
| Three HMOs                       |                               |                   |            |            |                   |
| Goodman                          | 1.4                           | 1                 | Surplus:   | 1          | 1                 |
| Hicks & Glenn                    |                               |                   |            |            |                   |
| Solucient                        | 1.3                           | 1                 | Surplus:   | 1          | 1                 |
| Average Requirement              | 1.5                           | 1                 | Surplus:   | 1          | 1                 |

|           |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|-----------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician | Physician Specialty              |                               | Population        | Physicians | /100k | Population        |
| Radiology | /                                |                               | 63,056            | 7          | 11.1  | 72,950            |
|           | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
| -         | AMA                              | 11.4                          | 7                 | Adequate   | 0     | 8                 |
| -         | Two Mature HMO                   | 13.6                          | 9                 | Deficit:   | -2    | 10                |
| -         | Adjusted FTE                     | 13.7                          | 9                 | Deficit:   | -2    | 10                |
| -         | GMENAC                           | 7.7                           | 5                 | Surplus:   | 2     | 6                 |
| -         | Kaiser Portland                  | 8.5                           | 5                 | Surplus:   | 2     | 3                 |
| -         | 7 Kaiser Plans                   | 4.7                           | 3                 | Surplus:   | 4     | 3                 |
| -         | GHC Seattle                      | 7.7                           | 5                 | Surplus:   | 2     | 6                 |
| -         | Three HMOs                       |                               |                   |            |       |                   |
| -         | Goodman                          | 8.0                           | 5                 | Surplus:   | 2     | 6                 |
| -         | Hicks & Glenn                    |                               |                   |            |       |                   |
| -         | Solucient                        |                               |                   |            |       |                   |
| -         | Average Requirement              | 9.1                           | 6                 | Surplus:   | 1     | 7                 |

|                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician Specialty              |                               | Population        | Physicians | /100k | Population        |
| General Surgery                  | eneral Surgery                |                   | 6          | 9.5   | 72,950            |
| National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Stat       | tus   | Physician<br>Need |
| AMA                              | 12.5                          | 8                 | Deficit:   | -2    | 9                 |
| Two Mature HMO                   | 9.4                           | 6                 | Adequate   | 0     | 7                 |
| Adjusted FTE                     | 8.8                           | 6                 | Adequate   | 0     | 6                 |
| GMENAC                           | 9.7                           | 6                 | Adequate   | 0     | 7                 |
| Kaiser Portland                  | 7.0                           | 4                 | Surplus:   | 2     | 5                 |
| 7 Kaiser Plans                   | 6.2                           | 4                 | Surplus:   | 2     | 5                 |
| GHC Seattle                      | 5.9                           | 4                 | Surplus:   | 2     | 4                 |
| Three HMOs                       | 4.2                           | 3                 | Surplus:   | 3     | 3                 |
| Goodman                          | 9.7                           | 6                 | Adequate   | 0     | 7                 |
| Hicks & Glenn                    | 4.1                           | 3                 | Surplus:   | 3     | 3                 |
| Solucient                        | 6.0                           | 4                 | Surplus:   | 2     | 4                 |
| Average Requirement              | 7.1                           | 4                 | Surplus:   | 2     | 5                 |

|           |                                  |                               | 2                 | 008 Actual |       | 2015 Projected    |
|-----------|----------------------------------|-------------------------------|-------------------|------------|-------|-------------------|
| Physician | Specialty                        |                               | Population        | Physicians | /100k | Population        |
| Urology   |                                  |                               | 63,056            | 1          | 1.6   | 72,950            |
|           | National Physician<br>Standards* | Standard<br>Phys/100,000 Pop. | Physician<br>Need | Sta        | tus   | Physician<br>Need |
|           | AMA                              | 3.5                           | 2                 | Deficit:   | -1    | 3                 |
|           | Two Mature HMO                   | 3.5                           | 2                 | Deficit:   | -1    | 3                 |
|           | Adjusted FTE                     | 3.3                           | 2                 | Deficit:   | -1    | 2                 |
|           | GMENAC                           | 3.1                           | 2                 | Deficit:   | -1    | 2                 |
|           | Kaiser Portland                  | 3.3                           | 2                 | Deficit:   | -1    | 2                 |
|           | 7 Kaiser Plans                   | 2.3                           | 1                 | Adequate   | 0     | 2                 |
|           | GHC Seattle                      | 2.9                           | 2                 | Deficit:   | -1    | 2                 |
|           | Three HMOs                       |                               |                   |            |       |                   |
|           | Goodman                          | 2.6                           | 2                 | Deficit:   | -1    | 2                 |
|           | Hicks & Glenn                    | 1.9                           | 1                 | Adequate   | 0     | 1                 |
|           | Solucient                        | 2.9                           | 2                 | Deficit:   | -1    | 2                 |
|           | Average Requirement              | 2.9                           | 2                 | Deficit:   | -1    | 2                 |

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

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