

# New Jersey

## Commonwealth Fund Scorecard on State Health System Performance, 2014

| RANKING SUMMARY               | 2014<br>Scorecard | 2009<br>Revised <sup>a</sup> |
|-------------------------------|-------------------|------------------------------|
| <b>OVERALL</b>                | <b>15</b>         | <b>23</b>                    |
| Access & Affordability        | 20                | 24                           |
| Prevention & Treatment        | 20                | 20                           |
| Avoidable Hospital Use & Cost | 30                | 34                           |
| Equity <sup>b</sup>           | 15                | 21                           |
| Healthy Lives                 | 7                 | 19                           |

| CHANGE IN RATES                      | 2014<br>Scorecard |         |
|--------------------------------------|-------------------|---------|
|                                      | Count             | Percent |
| Indicators with trends               | 34                | 100%    |
| State rate improved <sup>c</sup>     | 13                | 38%     |
| State rate worsened <sup>c</sup>     | 9                 | 26%     |
| No change in state rate <sup>d</sup> | 12                | 35%     |

| DISTRIBUTION OF RATES | 2014<br>Scorecard |         |
|-----------------------|-------------------|---------|
|                       | Count             | Percent |
| Total indicators      | 42                | 100%    |
| Top 5 states          | 5                 | 12%     |
| Top quartile          | 18                | 43%     |
| 2nd quartile          | 10                | 24%     |
| 3rd quartile          | 5                 | 12%     |
| Bottom quartile       | 9                 | 21%     |
| Bottom 5 states       | 5                 | 12%     |

| EQUITY                  |                   |                              | CHANGE IN EQUITY GAP      |                        |                                               |                                              |
|-------------------------|-------------------|------------------------------|---------------------------|------------------------|-----------------------------------------------|----------------------------------------------|
|                         | RANKING           |                              | Indicators<br>with trends | No<br>change<br>in gap | Gap narrowed/<br>vulnerable group<br>improved | Gap widened/<br>vulnerable group<br>worsened |
|                         | 2014<br>Scorecard | 2009<br>Revised <sup>a</sup> |                           |                        |                                               |                                              |
| <b>Equity Dimension</b> | <b>15</b>         | <b>21</b>                    | <b>16</b>                 | <b>6</b>               | <b>6</b>                                      | <b>4</b>                                     |
| Low-Income              | 22                | 29                           | 7                         | 4                      | 2                                             | 1                                            |
| Race/Ethnicity          | 11                | 17                           | 9                         | 2                      | 4                                             | 3                                            |

| ESTIMATED IMPACT                                                                                           |         |                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| If New Jersey improved its performance to the level of the best-performing state for this indicator, then: |         |                                                                                                                                                  |
| Insured adults                                                                                             | 845,108 | more individuals (under age 65) would be covered by health insurance, and would be more likely to receive health care when needed                |
| Adults with a usual source of care                                                                         | 397,314 | more adults (age 18 and older) would have a usual source of care to help ensure that care is coordinated and accessible when needed              |
| Adult preventive care                                                                                      | 320,933 | more adults (age 50 and older) would receive recommended preventive care, such as colon cancer screenings, mammograms, Pap smears, and flu shots |
| Children with a medical home                                                                               | 324,812 | more children (ages 0–17) would have a medical home to help ensure that care is coordinated and accessible when needed                           |
| High-risk drug                                                                                             | 13,937  | fewer Medicare beneficiaries would receive an unsafe medication                                                                                  |
| Mortality amenable to health care                                                                          | 1,629   | fewer premature deaths (before age 75) would occur from causes that are potentially treatable or preventable with timely and appropriate care    |
| Hospital readmissions                                                                                      | 9,341   | fewer hospital readmissions would occur among Medicare beneficiaries (age 65 and older)                                                          |
| Potentially avoidable ED visits                                                                            | 36,120  | fewer emergency department visits for nonemergent or primary care–treatable conditions would occur among Medicare beneficiaries                  |
| Tooth loss from decay or disease                                                                           | 216,352 | fewer adults, ages 18–64, would have lost six or more teeth because of tooth decay, infection, or gum disease                                    |

### NOTES

**a** Rates from the 2009 edition have been revised to match methodology used in the 2014 edition.

**b** The equity dimension was ranked based on gaps between the most vulnerable group and the U.S. national average for selected indicators.

**c** Denotes a change of at least 0.5 standard deviations.

**d** Denotes a change of less than 0.5 standard deviations.

### EQUITY:

The equity profile displays gaps in performance for vulnerable populations for selected indicators. An equity gap is defined as the difference between the U.S. national average for a particular indicator and the rate for the state's most vulnerable group by income and race/ethnicity. For all equity indicators, lower rates are better; therefore, a positive or negative gap value indicates that the state's most vulnerable group is better or worse than the U.S. average for a particular indicator.

### ESTIMATED IMPACT:

The table shows the estimated impact if this state's performance improved to the rate of the best-performing state for eight *Scorecard* indicators. (Refer to this state's individual performance profile to see actual rates.) These examples illustrate only a few important opportunities for improvement. Because some indicators affect the same individuals, these numbers should not be added.

| Dimension and Indicator                                                                                                                                                                    | All-State         |            |        |            |      | Rank              | All-State                           |        |     | Change in Rate <sup>1</sup> | Meaningful Change Over Time <sup>2</sup> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|--------|------------|------|-------------------|-------------------------------------|--------|-----|-----------------------------|------------------------------------------|
|                                                                                                                                                                                            | Year              | State Rate | Median | Best State | Year |                   | State Rate                          | Median |     |                             |                                          |
| ACCESS & AFFORDABILITY                                                                                                                                                                     | 2014 Scorecard    |            |        |            |      |                   | 2009 Revised Scorecard <sup>a</sup> |        |     |                             |                                          |
| Adults ages 19–64 uninsured                                                                                                                                                                | 2011-12           | 21         | 20     | 5          | 32   | 2007-08           | 18                                  | 17     | -3  | Worsened                    |                                          |
| Children ages 0–18 uninsured                                                                                                                                                               | 2011-12           | 8          | 8      | 3          | 20   | 2007-08           | 11                                  | 9      | 3   | Improved                    |                                          |
| Adults who went without care because of cost in past year                                                                                                                                  | 2012              | 15         | 15     | 9          | 21   | 2007              | 12                                  | 12     | -3  | Worsened                    |                                          |
| Individuals under age 65 with high out-of-pocket medical costs relative to their annual household income                                                                                   | 2011-12           | 14         | 16     | 10         | 13   | --                | --                                  | --     | --  | --                          |                                          |
| At-risk adults without a routine doctor visit in past two years                                                                                                                            | 2012              | 10         | 14     | 6          | 7    | 2007              | 10                                  | 14     | 0   | No Change                   |                                          |
| Adults without a dental visit in past year                                                                                                                                                 | 2012              | 14         | 15     | 10         | 17   | 2006              | 14                                  | 14     | 0   | No Change                   |                                          |
| PREVENTION & TREATMENT                                                                                                                                                                     | 2014 Scorecard    |            |        |            |      |                   | 2009 Revised Scorecard <sup>a</sup> |        |     |                             |                                          |
| Adults with a usual source of care                                                                                                                                                         | 2012              | 83         | 78     | 89         | 12   | 2007              | 86                                  | 82     | -3  | Worsened                    |                                          |
| Adults ages 50 and older who received recommended screening and preventive care                                                                                                            | 2012              | 41         | 43     | 52         | 29   | 2006              | 44                                  | 44     | -3  | Worsened                    |                                          |
| Children with a medical home                                                                                                                                                               | 2011/12           | 53         | 57     | 69         | 40   | 2007              | 57                                  | 61     | -4  | Worsened                    |                                          |
| Children with a medical and dental preventive care visit in the past year                                                                                                                  | 2011/12           | 76         | 69     | 81         | 6    | --                | --                                  | --     | --  | --                          |                                          |
| Children with emotional, behavioral, or developmental problems who received needed mental health care in the past year                                                                     | 2011/12           | 58         | 63     | 86         | 35   | 2007              | 55                                  | 63     | 3   | No Change                   |                                          |
| Children ages 19–35 months who received all recommended doses of seven key vaccines                                                                                                        | 2012              | 72         | 69     | 80         | 17   | 2009              | 45                                  | 43     | 27  | Improved                    |                                          |
| Medicare beneficiaries who received at least one drug that should be avoided in the elderly                                                                                                | 2011              | 15         | 19     | 12         | 12   | 2007              | 21                                  | 28     | 6   | Improved                    |                                          |
| Medicare beneficiaries with dementia, hip/pelvic fracture, or chronic renal failure who received a prescription drug that is contraindicated for that condition                            | 2011              | 20         | 21     | 14         | 23   | 2007              | 18                                  | 19     | -2  | Worsened                    |                                          |
| Medicare fee-for-service patients whose health provider always listens, explains, shows respect, and spends enough time with them                                                          | 2013              | 76         | 76     | 80         | 21   | 2007              | 74                                  | 75     | 2   | Improved                    |                                          |
| Risk-adjusted 30-day mortality among Medicare beneficiaries hospitalized for heart attack, heart failure, or pneumonia                                                                     | 07/2008 - 06/2011 | 12.3       | 12.8   | 11.9       | 6    | 07/2005 - 06/2008 | 12.4                                | 12.6   | 0.1 | No Change                   |                                          |
| Hospitalized patients given information about what to do during their recovery at home                                                                                                     | 2011              | 79         | 84     | 89         | 49   | 2007              | 75                                  | 80     | 4   | Improved                    |                                          |
| Hospitalized patients who reported hospital staff always managed pain well, responded when needed help to get to bathroom or pressed call button, and explained medicines and side effects | 2011              | 61         | 66     | 71         | 46   | 2007              | 59                                  | 63     | 2   | Improved                    |                                          |
| Home health patients who get better at walking or moving around                                                                                                                            | 04/2012 - 03/2013 | 62         | 59     | 63         | 5    | --                | --                                  | --     | --  | --                          |                                          |
| Home health patients whose wounds improved or healed after an operation                                                                                                                    | 04/2012 - 03/2013 | 91         | 89     | 95         | 9    | --                | --                                  | --     | --  | --                          |                                          |
| High-risk nursing home residents with pressure sores                                                                                                                                       | 07/2012 - 03/2013 | 9          | 6      | 3          | 49   | --                | --                                  | --     | --  | --                          |                                          |
| Long-stay nursing home residents with an antipsychotic medication                                                                                                                          | 04/2012-03/2013   | 17         | 21.5   | 12         | 4    | --                | --                                  | --     | --  | --                          |                                          |

| Dimension and Indicator                                                                                                                  | Year    | All-State  |         |            | Rank | Year           | All-State  |         | Change in Rate <sup>1</sup>         | Meaningful Change Over Time <sup>2</sup> |
|------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|---------|------------|------|----------------|------------|---------|-------------------------------------|------------------------------------------|
|                                                                                                                                          |         | State Rate | Median  | Best State |      |                | State Rate | Median  |                                     |                                          |
| AVOIDABLE HOSPITAL USE & COST                                                                                                            |         |            |         |            |      | 2014 Scorecard |            |         | 2009 Revised Scorecard <sup>a</sup> |                                          |
| Hospital admissions for pediatric asthma, per 100,000 children                                                                           | 2010    | 159        | 114     | 26         | 35   | 2004           | 176        | 137     | 17                                  | No Change                                |
| Hospital admissions among Medicare beneficiaries for ambulatory care-sensitive conditions, ages 65–74, per 1,000 beneficiaries (3)       | 2012    | 27         | 27      | 13         | 24   | 2008           | 36         | 34      | 9                                   | Improved                                 |
| Hospital admissions among Medicare beneficiaries for ambulatory care-sensitive conditions, age 75 and older, per 1,000 beneficiaries (3) | 2012    | 73         | 68      | 41         | 31   | 2008           | 88         | 80      | 15                                  | Improved                                 |
| Medicare 30-day hospital readmissions, rate per 1,000 beneficiaries                                                                      | 2012    | 57         | 45      | 26         | 44   | 2008           | 71         | 51.5    | 14                                  | Improved                                 |
| Short-stay nursing home residents readmitted within 30 days of hospital discharge to nursing home                                        | 2010    | 23         | 20      | 12         | 39   | 2006           | 24         | 20      | 1                                   | No Change                                |
| Long-stay nursing home residents hospitalized within a six-month period                                                                  | 2010    | 26         | 19      | 7          | 45   | 2006           | 27         | 19      | 1                                   | No Change                                |
| Home health patients also enrolled in Medicare with a hospital admission                                                                 | 2012    | 16         | 17      | 14         | 11   | --             | --         | --      | --                                  | --                                       |
| Potentially avoidable emergency department visits among Medicare beneficiaries, per 1,000 beneficiaries                                  | 2011    | 169        | 183.5   | 129        | 12   | --             | --         | --      | --                                  | --                                       |
| Total single premium per enrolled employee at private-sector establishments that offer health insurance                                  | 2012    | \$4,811    | \$5,501 | \$4,180    | 5    | 2008           | \$3,955    | \$4,505 | -\$856                              | Worsened                                 |
| Total Medicare (Parts A & B) reimbursements per enrollee                                                                                 | 2012    | \$9,551    | \$8,526 | \$5,406    | 45   | 2008           | \$8,851    | \$7,942 | -\$700                              | Worsened                                 |
| HEALTHY LIVES                                                                                                                            |         |            |         |            |      | 2014 Scorecard |            |         | 2009 Revised Scorecard <sup>a</sup> |                                          |
| Mortality amenable to health care, deaths per 100,000 population                                                                         | 2009-10 | 77         | 82      | 57         | 22   | 2004-05        | 90         | 90.5    | 13                                  | Improved                                 |
| Years of potential life lost before age 75                                                                                               | 2010    | 5,360      | 6,567   | 4,900      | 8    | 2005           | 6,085      | 7,252   | 725                                 | Improved                                 |
| Breast cancer deaths per 100,000 female population                                                                                       | 2010    | 23.3       | 22.2    | 14.8       | 38   | 2005           | 27.0       | 23.9    | 3.7                                 | Improved                                 |
| Colorectal cancer deaths per 100,000 population                                                                                          | 2010    | 16.3       | 16.2    | 12.0       | 26   | 2005           | 19.1       | 18.1    | 2.8                                 | Improved                                 |
| Suicide deaths per 100,000 population                                                                                                    | 2010    | 7.8        | 13.5    | 6.9        | 3    | 2005           | 6.1        | 11.8    | -1.7                                | Worsened                                 |
| Infant mortality, deaths per 1,000 live births                                                                                           | 2009    | 5.2        | 6.4     | 4.6        | 8    | 2004           | 5.6        | 6.8     | 0.4                                 | No Change                                |
| Adults ages 18–64 who report fair/poor health or activity limitations because of physical, mental, or emotional problems                 | 2012    | 23         | 27      | 19         | 6    | 2007           | 23         | 24      | 0                                   | No Change                                |
| Adults who smoke                                                                                                                         | 2012    | 17         | 19      | 10         | 10   | 2007           | 17         | 19      | 0                                   | No Change                                |
| Adults ages 18–64 who are obese (BMI >= 30)                                                                                              | 2012    | 24         | 28      | 21         | 6    | 2007           | 24         | 27      | 0                                   | No Change                                |
| Children ages 10–17 who are overweight or obese (BMI >= 85th percentile)                                                                 | 2011/12 | 25         | 30.5    | 22         | 3    | 2007           | 31         | 31      | 6                                   | Improved                                 |
| Percent of adults ages 18–64 who have lost six or more teeth because of tooth decay, infection, or gum disease                           | 2012    | 9          | 10      | 5          | 13   | 2006           | 10         | 10      | 1                                   | No Change                                |

Notes:

\* Data not available for this state.

-- Historical data not available or not comparable over time.

(1) The change in rate is expressed such that a positive value indicates performance has improved and a negative value indicates performance has worsened.

(2) Meaningful change (improvement or worsening) refers to a change between the baseline and current time periods of at least 0.5 standard deviations.

(3) Hospital admissions among Medicare beneficiaries for ambulatory care-sensitive conditions are displayed here separately for two age ranges, but counted as a single indicator in tallies of improvement.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.

| Equity Type and Indicator                                                    | Year    | Vulnerable Group Rate | U.S. Average (all populations) | Gap <sup>1</sup> | Rank | Year           | Vulnerable Group Rate | U.S. Average (all populations) | Gap <sup>1</sup> | Change in Vulnerable Group Rate <sup>2</sup> | Change in Vulnerable Group Relative to US Average <sup>3</sup> |
|------------------------------------------------------------------------------|---------|-----------------------|--------------------------------|------------------|------|----------------|-----------------------|--------------------------------|------------------|----------------------------------------------|----------------------------------------------------------------|
| RACE & ETHNICITY                                                             |         |                       |                                |                  |      | 2014 Scorecard |                       |                                |                  | 2009 Revised Scorecard <sup>a</sup>          |                                                                |
| Uninsured ages 0–64                                                          | 2011-12 | 29                    | 18                             | -11              | 22   | 2007-08        | 32                    | 17                             | -15              | 3                                            | Improved                                                       |
| Adults who went without care because of cost in past year                    | 2012    | 30                    | 17                             | -13              | 34   | 2007           | 26                    | 13                             | -13              | -4                                           | No Change                                                      |
| At risk adults without a doctor visit                                        | 2012    | 14                    | 14                             | 0                | 7    | 2007           | 13                    | 14                             | 1                | -1                                           | Worsened                                                       |
| Adults without a usual source of care                                        | 2012    | 34                    | 22                             | -12              | 17   | 2007           | 29                    | 20                             | -9               | -5                                           | Worsened                                                       |
| Older adults without recommended preventive care                             | 2012    | 68                    | 58                             | -10              | 28   | 2006           | 66                    | 56                             | -10              | -2                                           | No Change                                                      |
| Children without a medical home                                              | 2011/12 | 64                    | 46                             | -18              | 33   | 2007           | 65                    | 42                             | -23              | 1                                            | Improved                                                       |
| Children without a medical and dental preventive care visit in the past year | 2011/12 | 30                    | 32                             | 2                | 5    | --             | --                    | --                             | --               | --                                           | --                                                             |
| Mortality amenable to health care                                            | 2009-10 | 141                   | 86                             | -55              | 9    | 2004-05        | 169                   | 96                             | -73              | 28                                           | Improved                                                       |
| Infant mortality, deaths per 1,000 live births                               | 2008-09 | 12.4                  | 6.5                            | -5.9             | 25   | 2003-04        | 11.8                  | 6.8                            | -5               | -0.6                                         | Worsened                                                       |
| Adults with poor health-related quality of life                              | 2012    | 33                    | 27                             | -6               | 15   | 2007           | 34                    | 24                             | -10              | 1                                            | Improved                                                       |
| LOW-INCOME                                                                   |         |                       |                                |                  |      | 2014 Scorecard |                       |                                |                  | 2009 Revised Scorecard <sup>a</sup>          |                                                                |
| Uninsured ages 0–64                                                          | 2011-12 | 35                    | 18                             | -17              | 45   | 2007-08        | 35                    | 17                             | -18              | 0                                            | No Change                                                      |
| Adults who went without care because of cost in past year                    | 2012    | 30                    | 17                             | -13              | 30   | 2007           | 28                    | 13                             | -15              | -2                                           | No Change                                                      |
| At risk adults without a doctor visit                                        | 2012    | 14                    | 14                             | 0                | 14   | 2007           | 11                    | 14                             | 3                | -3                                           | Worsened                                                       |
| Adults without a usual source of care                                        | 2012    | 24                    | 22                             | -2               | 22   | 2007           | 24                    | 20                             | -4               | 0                                            | No Change                                                      |
| Older adults without recommended preventive care                             | 2012    | 72                    | 58                             | -14              | 35   | 2006           | 72                    | 56                             | -16              | 0                                            | No Change                                                      |
| Children without a medical home                                              | 2011/12 | 57                    | 46                             | -11              | 35   | 2007           | 63                    | 42                             | -21              | 6                                            | Improved                                                       |
| Children without a medical and dental preventive care visit in the past year | 2011/12 | 34                    | 32                             | -2               | 11   | --             | --                    | --                             | --               | --                                           | --                                                             |
| Elderly patients who received a high-risk prescription drug                  | 2010    | 24                    | 25                             | 1                | 15   | --             | --                    | --                             | --               | --                                           | --                                                             |
| Adults with poor health-related quality of life                              | 2012    | 37                    | 27                             | -10              | 7    | 2007           | 42                    | 24                             | -18              | 5                                            | Improved                                                       |

Notes:

\* Data not available for this state.

-- Historical data not available or not comparable over time.

(1) Gaps measure the difference between the most vulnerable group in this state, by income or race/ethnicity, and the U.S. national average for each indicator.

(2) The change in vulnerable groups rate is expressed such that a positive value indicates performance has improved and a negative value indicates performance has worsened.

(3) Improvement indicates that the gap between this state's vulnerable population and the U.S. average has narrowed AND that the vulnerable group rate in this state has improved.

Worsening indicates that the gap between this state's vulnerable population and the U.S. average has widened AND that the vulnerable group rate in this state has worsened. No change indicates that either the gap narrowed but the vulnerable group rate worsened, or the vulnerable group rate improved but the gap widened.

Source: Commonwealth Fund Scorecard on State Health System Performance, 2014.