A1c Test

**Category:** Secondary Prevention for Persons with Diabetes

**General definition:** The percentage of persons with diabetes who have had at least two A1c tests during the past year.

**Rationale:** Glycemic control is essential for preventing diabetes-related complications. A1c exams provide information on blood sugar levels over the prior 2-3 months. This process indicator provides information about the quality of diabetes care provided.

**Data Sources for this Indicator**
- View All
- National
- State
- ORC-Specific

**Recommended by**
- CDC
- Health Disparities Collaboratives*
- Indian Health Services*
- National Diabetes Quality Improvement Alliance (formerly DOQI)*
- NCOA

**DDT national objective**
This indicator links to the Division of Diabetes Translation (DDT) National Objective to increase the percentage of persons with diagnosed diabetes who receive A1c tests.

**HP 2010 objective**
Objective 5-12: To increase the proportion of adults with diabetes who have at least two glycosylated hemoglobin measurements during the year.

<table>
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<tr>
<th>Baseline</th>
<th>Target</th>
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<tbody>
<tr>
<td>Fifty-nine percent of adults aged 18 years and older with diabetes had at least two glycosylated hemoglobin measurements during the year. (NHIS, age-adjusted, 2003)</td>
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<td>Fifty percent of adults aged 18 years and older with diabetes having at least two glycosylated hemoglobin measurements during the year.</td>
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**Standards of care**
- American Diabetes Association*
- National Quality Forum, National Voluntary Consensus Standards for Adult Diabetes Care, Available from: The National Quality Forum, 6551 Sixteenth Street, NW, Suite 500, North Washington, DC 20037, Tel: 202.783.1300*
- Use of glycosylated hemoglobin and microalbuminuria in the Monitoring of Diabetes Mellitus, Summary, Evidence Report/Technology Assessment: Number 84, AHRQ Publication No. 03-E004, July 2003, Agency for Healthcare Research and Quality, Rockville, MD,*

**Data summary**
- Medicare Health Plan Compare*

**Related links**
- American Diabetes Association: A1c test*
- Guide to Community Preventive Services
- Healthy People 2010
- National Diabetes Education Program - Check Your Hemoglobin A1c Q.*
- The National Glycosylated Hemoglobin Standardization Program*

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