

Advanced Technology Program Actual Performance Measures for FY 2006

Measuring performance allows ATP to:

- Track performance over time to assess if goals are being met;
- Link performance to budget decisions; and
- Address management challenges.

ATP measures outputs as short-run indicators of progress toward program goals. ATP measures outcomes in the longer run to assess ultimate economic impact of the program.

Each year, ATP estimates the following performance results as measures of key outputs and indicators of progress in meeting short-run program goals:

- Funding high-risk R&D;
- Fostering collaboration; and
- Accelerating development and commercialization of advanced technologies.

The table below shows the ATP targets for FY 2006 that the Department of Commerce will use to assess actual performance and budgets, actual* measures of performance for FY 2006, and the targets for FY 2007.

<i>Performance Measure</i>	Target FY 2006	Actual FY 2006	Target FY 2007
Cumulative number of projects with new technologies under commercialization	360	377	390
Cumulative number of publications	1,710	1,910	1,830
Cumulative number of patents issued	1,510	1,507	1,550
Percent of projects reporting an increase in longer-term and/or higher risk R&D	95	96	95
Percent of projects involving R&D collaboration	85	85	85
Percent of project participants reporting acceleration of R&D cycle time	85	86	85

Key Results:

- Actual results for FY 2006 are near or exceed the targeted levels for all measures.
- The level of collaboration, longer-term/higher risk R&D, and acceleration have been constant over time. These high levels of acceleration of R&D and collaboration are expected to continue in the future, indicating that ATP is meeting its mission.

* Actual results for a given year are compiled and become available for reporting purposes by the middle of the following year.

Background

These performance measures are included in NIST's budget submissions to the U.S. Department of Commerce and the Office of Management and Budget. ATP's performance results are based primarily on:

- Survey data from the Business Reporting System, and
- Status Reports of completed projects.

In addition to compiling actual performance results as of the end of a given fiscal year, ATP forecasts results for the following seven years. These forecasts are derived by computing the ratio of actual total outputs for a given measure to the cumulative number of completed projects over the history of ATP and applying this ratio to the anticipated number of completed projects at each future date. The forecasts are used by the Department of Commerce as targets for annual performance.

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