



**Item 2.02. Results of Operations and Financial Condition.**

On May 1, 2012, Medidata Solutions, Inc. issued a press release announcing its financial results for the quarter ended March 31, 2012. A copy of the press release is furnished herewith as Exhibit 99.1, and is incorporated herein by reference.

In accordance with General Instruction B.2 of Form 8-K, the information in this Current Report on Form 8-K, including the exhibits, shall not be deemed to be “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that section, and shall not be incorporated by reference into any registration statement or other document filed under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

**Item 9.01. Financial Statements and Exhibits.**

(d) Exhibits.

99.1 Press release issued by Medidata Solutions, Inc. on May 1, 2012, furnished herewith.

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

MEDIDATA SOLUTIONS, INC.

Date: May 1, 2012

By: /s/ MICHAEL I. OTNER

Name: Michael I. Otner

Title: General Counsel and Secretary

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**EXHIBIT INDEX**

<b>Exhibit No.</b>	<b>Description</b>
99.1	Press release issued by Medidata Solutions, Inc. on May 1, 2012, furnished herewith.