AtriCure, Inc. Form 8-K July 27, 2017		
UNITED STATES		
SECURITIES AND EXCHANGE COMMISSIO	ON	
WASHINGTON, D.C. 20549		
FORM 8-K		
CURRENT REPORT		
PURSUANT TO SECTION 13 OR 15(d) of the		
SECURITIES EXCHANGE ACT OF 1934		
Date of Report (Date of earliest event reported): .	July 27, 2017	
ATRICURE, INC.		
(Exact name of registrant as specified in charter)		
Delaware	000-51470	34-1940305
(State or other jurisdiction of incorporation)	(Commission File Number)	(IRS Employer Identification No.)

7555 Innovation Way

Mason, OH 45040

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (513) 755-4100

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 2.02.Results of Operations and Financial Condition.

On July 27, 2017, AtriCure, Inc. issued a press release regarding its financial results for the second quarter ended June 30, 2017. The Company will hold a conference call on July 27, 2017 at 4:30 p.m. Eastern Time to discuss the financial results. A copy of the press release is furnished as Exhibit 99.1 to this Form 8-K and is incorporated herein by reference.

The information in this Item 2.02 of Form 8-K and in the press release attached as Exhibit 99.1 is being furnished and shall not be deemed "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. The information in Item 2.02 of this Form 8-K and Exhibit 99.1 shall not be incorporated by reference in any filing or other document under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in any such filing or document.

Item 9.01Financial Statements and Exhibits.

- (d) Exhibits
- No. Description
- 99.1 Press Release dated July 27, 2017 relating to financial results for the first quarter ended June 30, 2017

SIGNATURES

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.

ATRICURE, INC.

Dated: July 27, 2017 By: /s/ M. Andrew Wade

M. Andrew Wade

Senior Vice President and Chief Financial Officer