ATHENAHEALTH INC Form SC 13G/A February 11, 2014

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934
(Amendment No.5) *
ATHENAHEALTH INC
(Name of Issuer)
Common Stock
(Title of Class of Securities)
04685W103
(CUSIP Number)
December 31, 2013
(Date Of Event which Requires Filing of this Statement

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [x] Rule 13d-1(b)
  [] Rule 13d-1(c)
  [] Rule 13d-1(d)
- \* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1745 (3-06)

CUSIP	No.04685W1	03			13G		Page 2	of 8	Pages
1.	NAME OF R		G PERSON:	OF ABOV	/E PERSON:				
	Morgan St I.R.S. #3	_	72						
2.	CHECK THE	APPROP	RIATE BOX	IF A ME	EMBER OF A (	GROUP:			
	(a) [ ]								
	(b) [ ]								
3.	SEC USE O	NLY:							
4.	CITIZENSH								
			anization						
5	BER OF SHARES		SOLE VOTI: 4,608,747						
OW	BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:		SHARED VO	TING POW					
			SOLE DISP 4,657,096		POWER:				
		8.	SHARED DI	SPOSITIV	/E POWER:				
9.	AGGREGATE 4,657,096	AMOUNT	BENEFICI	ALLY OWN	NED BY EACH	REPORTING	PERSON:		
10.	CHECK BOX	IF THE	AGGREGAT	E AMOUNT	IN ROW (9)	EXCLUDES	CERTAIN :	SHARE	 S:
11.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 12.5%								
12.	TYPE OF REPORTING PERSON: HC, CO								
CUSIP	No.04685W1	03		130	<u>,                                     </u>		Page 3 o:	f 8 P	ages
1.	NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:								
	Morgan Stanley Investment Management Inc. I.R.S. #13-3040307								
2.	CHECK THE	APPROP	RIATE BOX	IF A ME	EMBER OF A (	GROUP:			

	(a) [ ]					
	(b) [ ]					
3.	SEC USE O	Y:				
4.	CITIZENSH	OR PLACE OF ORGANIZATION:				
	The state	f organization is Delaware.				
SHARES		5. SOLE VOTING POWER: 4,608,747				
OW!	EACH	6. SHARED VOTING POWER:				
Pl	ORTING ERSON WITH:	7. SOLE DISPOSITIVE POWER: 4,657,096				
		8. SHARED DISPOSITIVE POWER: 0				
9.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON: 4,657,096					
10.	CHECK BOX	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN	SHARES:			
	[ ]					
11.	PERCENT 0:	CLASS REPRESENTED BY AMOUNT IN ROW (9):				
12.	12. TYPE OF REPORTING PERSON: IA, CO					
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Item 1	. (a)	Name of Issuer:				
	(=,	ATHENAHEALTH INC				
	(b)	Address of Issuer's Principal Executive Offices:				
		311 ARSENAL STREET WATERTOWN MA 02472				
Item 2	. (a)	Name of Person Filing:				
		(1) Morgan Stanley (2) Morgan Stanley Investment Management Inc.				
	(b)	Address of Principal Business Office, or if None, R	.esidence:			
		(1) 1585 Broadway New York, NY 10036				

		(2	522 Fifth Avenue New York, NY 10036	
	(c)	Ci	cizenship:	
			The state of organization is Delaware. The state of organization is Delaware.	
	(d)	Ti	cle of Class of Securities:	
		Coi	mmon Stock	
	(e)	CU	SIP Number:	
		04	685W103	
Item 3.			statement is filed pursuant to Sections 2 (b) or (c), check whether the person fil	
	(a)	[ ]	Broker or dealer registered under Section (15 U.S.C. 780).	n 15 of the Act
	(b)	[ ]	Bank as defined in Section 3(a)(6) of the (15 U.S.C. 78c).	e Act
	(c)	[ ]	<pre>Insurance company as defined in Section (15 U.S.C. 78c).</pre>	3(a)(19) of the Act
	(d)	[ ]	Investment company registered under Sect Investment Company Act of 1940 (15 U.S.C	
	(e)	[x]	An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E); Morgan Stanley Investment Management Inc	
	(f)	[ ]	An employee benefit plan or endowment furwith Section 240.13d-1(b)(1)(ii)(F);	nd in accordance
	(g)	[x]	A parent holding company or control persewith Section 240.13d-1(b)(1)(ii)(G); Morgan Stanley	on in accordance
	(h)	[ ]	A savings association as defined in Sect Federal Deposit Insurance Act (12 U.S.C.	
	(i)	[ ]	A church plan that is excluded from the investment company under Section 3(c)(14 Investment Company Act of 1940 (15 U.S.C	) of the
	(j)	[ ]	Group, in accordance with Section 13d-1(	o)(1)(ii)(J).
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Item 4. Ownership as of December 31, 2013.\*

(a) Amount beneficially owned: See the response(s) to Item 9 on the attached cover page(s).

- (b) Percent of Class: See the response(s) to Item 11 on the attached cover page(s).
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: See the response(s) to Item 5 on the attached cover page(s).
  - (ii) Shared power to vote or to direct the vote:
     See the response(s) to Item 6 on the attached cover page(s).
  - (iii) Sole power to dispose or to direct the disposition of:
     See the response(s) to Item 7 on the attached cover page(s).
  - (iv) Shared power to dispose or to direct the disposition of: See the response(s) to Item 8 on the attached cover page(s).
- Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary which Acquired the Security Being Reported on By the Parent Holding Company.

See Exhibit 99.2

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

\* In Accordance with the Securities and Exchange Commission Release No. 34-39538 (January 12, 1998) (the "Release"), this filing reflects the securities beneficially owned, or that may be deemed to be beneficially owned, by certain operating units (collectively, the "MS Reporting Units") of Morgan Stanley and its subsidiaries and affiliates (collectively, "MS"). This filing does not reflect securities, if any, beneficially owned by any operating units of MS whose ownership of securities is disaggregated from that of the MS Reporting Units in accordance with the Release.

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Signature.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2014

Signature: /s/ Marielle Giudice

\_\_\_\_\_

Name/Title: Marielle Giudice/Authorized Signatory, Morgan Stanley

\_\_\_\_\_\_

MORGAN STANLEY

Date: February 11, 2014

Signature: /s/ Stefanie Chang Yu

\_\_\_\_\_\_

Name/Title: Stefanie Chang Yu/Chief Compliance Officer, Morgan Stanley

Investment Management Inc.

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MORGAN STANLEY INVESTMENT MANAGEMENT INC.

EXHIBIT NO.	EXHIBITS	PAGE
99.1	Joint Filing Agreement	7
99.2	Item 7 Information	8

<sup>\*</sup> Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

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EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

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February 11, 2014

MORGAN STANLEY and MORGAN STANLEY INVESTMENT MANAGEMENT INC.,

hereby agree that, unless differentiated, this

Schedule 13G is filed on behalf of each of the parties.

MORGAN STANLEY

BY: /s/ Marielle Giudice

\_\_\_\_\_

Marielle Giudice/Authorized Signatory, Morgan Stanley

MORGAN STANLEY INVESTMENT MANAGEMENT INC.

BY: /s/ Stefanie Chang Yu

Stefanie Chang Yu/Chief Compliance Officer, Morgan Stanley Investment Management Inc.

 $^{\star}$  Attention. Intentional misstatements or omissions of fact constitute federal criminal violations (see 18 U.S.C. 1001).

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EXHIBIT NO. 99.2

ITEM 7 INFORMATION

The securities being reported on by Morgan Stanley as a parent holding company are owned, or may be deemed to be beneficially owned, by Morgan Stanley Investment Management Inc., an investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E) as amended. Morgan Stanley Investment Management Inc. is a wholly-owned subsidiary of Morgan Stanley.