### ATHENAHEALTH INC Form SC 13G/A February 13, 2013

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.4) \*

ATHENAHEALTH INC

\_\_\_\_\_

(Name of Issuer)

Common Stock

-----

(Title of Class of Securities)

04685W103

\_\_\_\_\_

(CUSIP Number)

December 31, 2012

-----

(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.04685W10	3		13G		Page	2 of 8	Pages
1.	NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:							
	Morgan Sta I.R.S. #36	-	2					
2.	CHECK THE	APPROPR	IATE BOX I	F A MEMBER	OF A GROUP:			
	(a) []							
	(b) [ ]							
3.	SEC USE ON	LY:						
4.	CITIZENSHI			ANIZATION: s Delaware.				
			OLE VOTING					
	HARES FICIALLY	4	,253,163					
OW	NED BY EACH	6. S 0	HARED VOTI	NG POWER:				
	PORTING PERSON WITH:		OLE DISPOS ,301,235	ITIVE POWER	:			
		8. S 0		OSITIVE POW	ER:			
9.	AGGREGATE . 4,301,235	AMOUNT	BENEFICIAL	LY OWNED BY	EACH REPORTIN	G PERSON	:	
10.	CHECK BOX	IF THE	AGGREGATE	AMOUNT IN R	OW (9) EXCLUDE	S CERTAI	N SHAR	ES:
	[ ]							
11.	PERCENT OF 11.9%	CLASS	REPRESENTE	D BY AMOUNT	IN ROW (9):			
12.	TYPE OF RE HC, CO	PORTING	PERSON:					
CUSIP	No.04685W10	3		13G		Page	3 of	8 Pages
1.	NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:							
	Morgan Sta I.R.S. #1			anagement I	nc.			

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP:

(a)	[]	
(b)	[]	
3. SEC	C USE ON	LY:
4. CI1	IZENSHI	P OR PLACE OF ORGANIZATION:
The	e state	of organization is Delaware.
SHARES BENEFICIALLY OWNED BY EACH		5. SOLE VOTING POWER: 4,253,163
		6. SHARED VOTING POWER: 0
REPORTI PERSC WITH	N	<pre>7. SOLE DISPOSITIVE POWER: 4,301,235</pre>
		8. SHARED DISPOSITIVE POWER: 0
	GREGATE 301,235	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:
10. CHE		IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES:
11. PEF 11.		CLASS REPRESENTED BY AMOUNT IN ROW (9):
	PE OF RE CO	PORTING PERSON:
CUSIP No.(	)4685W10	3 13G Page 4 of 8 Pages
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, Residence:
		(1) 1585 Broadway New York, NY 10036

		(2	2) 522 Fifth Avenue New York, NY 10036	
	(c)	C:	itizenship:	
			1) The state of organization is Delaware. 2) The state of organization is Delaware.	
	(d)	T	itle of Class of Securities:	
		Co	ommon Stock	
	(e)	CI	USIP Number:	
		0	4685W103	
3.			statement is filed pursuant to Sections 240.13d-1(b) -2(b) or (c), check whether the person filing is a:	or
	(a)	[]	Broker or dealer registered under Section 15 of the . (15 U.S.C. 780).	Act
	(b)	[]	Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).	
	(c)	[]	Insurance company as defined in Section 3(a)(19) of (15 U.S.C. 78c).	the Act
	(d)	[]	Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).	
	(e)	[x]	An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E); Morgan Stanley Investment Management Inc.	
	(f)	[]	An employee benefit plan or endowment fund in accord with Section 240.13d-1(b)(1)(ii)(F);	ance
	(g)	[x]	A parent holding company or control person in accord with Section 240.13d-1(b)(1)(ii)(G); Morgan Stanley	ance
	(h)	[]	A savings association as defined in Section 3(b) of Federal Deposit Insurance Act (12 U.S.C. 1813);	the
	(i)	[]	A church plan that is excluded from the definition o investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);	f an
	(j)	[]	Group, in accordance with Section 13d-1(b)(1)(ii)(J)	•
No.C	)4685W	103	13-G Page 5 of	8 Pages
4.	Owne:	rshij	o as of December 31, 2012.*	

Item

CUSIP

Item

(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:
  - 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.

CUSIP No.04685W103	13-G	Page 6 of 8 Pages

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 13, 2013				
Signature:	/s/ Perren Wong				
Name/Title:	Perren Wong/Authorized Signatory, Morgan Stanley				
	MORGAN STANLEY				
Date:	February 13, 2013				
Signature:	/s/ Mary Ann Picciotto				
Name/Title:	Mary Ann Picciotto/Chief Compliance Officer, Morgan Stanley Investment Management Inc.				
	MORGAN STANLEY INVESTMENT MANAGEMENT INC.				

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

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

 CUSIP No.04685W103
 13-G
 Page 7 of 8 Pages

EXHIBIT NO. 99.1 TO SCHEDULE 13G JOINT FILING AGREEMENT

February 13, 2013

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/ Perren Wong

Perren Wong/Authorized Signatory, Morgan Stanley

MORGAN STANLEY INVESTMENT MANAGEMENT INC.

BY: /s/ Mary Ann Picciotto

Mary Ann Picciotto/Chief Compliance Officer, Morgan Stanley Investment Management Inc.

\_\_\_\_\_

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

CUSIP	No.04685W103	13-G	Page 8	of	8	Pages

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.