ATHENAHEALTH INC Form SC 13G/A February 09, 2011

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No.1) \*

ATHENAHEALTH INC

(Name of Issuer)

Common Stock

(Title of Class of Securities)

04685W103

(CUSIP Number)

December 31, 2010

(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.04685W103		13G	Page 2	of 8 Pages
1.	NAME OF REPORTS I.R.S. IDENTIFS  Morgan Stanley I.R.S. #36-3145	CATION NO.	OF ABOVE PERSON:		
2.	CHECK THE APPRO	PRIATE BOX	IF A MEMBER OF A GRO	JUP:	
	(a) [ ]				
	(b) [ ]				
3.	SEC USE ONLY:				
4.	CITIZENSHIP OR	PLACE OF O	RGANIZATION:		
	The state of or	ganization	is Delaware.		
S	BER OF 5. HARES FICIALLY	SOLE VOTI 1,971,301			
OW	NED BY 6. EACH	SHARED VO	TING POWER:		
P		SOLE DISP 2,122,658			
	8.	SHARED DI	SPOSITIVE POWER:		
9.	AGGREGATE AMOUN 2,122,658	T BENEFICI	ALLY OWNED BY EACH RI	EPORTING PERSON:	
10.	CHECK BOX IF TH	E AGGREGAT	E AMOUNT IN ROW (9) I	EXCLUDES CERTAIN	SHARES:
	[ ]				
11.	PERCENT OF CLAS	S REPRESEN	TED BY AMOUNT IN ROW	(9):	
12.	TYPE OF REPORTI				
CUSIP	No.04685W103		13G	Page 3	of 8 Pages

1. NAME OF REPORTING PERSON: I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:

	Morgan Sta [.R.S. #1		Investment Man 0307	agement Inc.			
2.	CHECK THE	APPROI	PRIATE BOX IF	A MEMBER OF	A GROUP:		
	(a) [ ]						
	(b) [ ]						
3. 3	SEC USE ON	TLY:					
			PLACE OF ORGAN				
NUMBI	ER OF ARES		SOLE VOTING PO				
OWN! EA	ICIALLY ED BY ACH	6.	6. SHARED VOTING POWER:				
REPORTING PERSON WITH:		7.	7. SOLE DISPOSITIVE POWER: 1,705,365				
		8.	SHARED DISPOS 0	ITIVE POWER:			
	AGGREGATE L,705,365	AMOUN	Γ BENEFICIALLY	OWNED BY EA	CH REPORTING	PERSON:	
	CHECK BOX	IF THE	E AGGREGATE AM	OUNT IN ROW	(9) EXCLUDES	CERTAIN SHA	RES:
	PERCENT OF	CLASS	S REPRESENTED	BY AMOUNT IN	I ROW (9):		
	TYPE OF RE	PORTI	NG PERSON:				
CUSIP No	0.04685W10	)3		13G		Page 4 of	8 Pages
Item 1.	(a)	Name	of Issuer:				
		ATHE	NAHEALTH INC				
	(b)	Addre	ess of Issuer'	s Principal	Executive Off	ices:	
			ARSENAL STREET				
Item 2.	(a)	Name	of Person Fil	ing:			
			Morgan Stanley Morgan Stanley	Investment	Management In	nc.	

	(b)	Address of Principal Business Office, or if None, Residence:
		<ul><li>(1) 1585 Broadway</li><li>New York, NY 10036</li><li>(2) 522 Fifth Avenue</li><li>New York, NY 10036</li></ul>
	(c)	Citizenship:
		<ul><li>(1) The state of organization is Delaware.</li><li>(2) The state of organization is Delaware.</li></ul>
	(d)	Title of Class of Securities:
		Common Stock
	(e)	CUSIP Number:
		04685W103
Item 3.		is statement is filed pursuant to Sections 240.13d-1(b) or 3d-2(b) or (c), check whether the person filing is a:
	(a) [	] Broker or dealer registered under Section 15 of the Act (15 U.S.C. 780).
	(b) [	<pre>Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).</pre>
	(c) [	] Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
	(d) [	] Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
	(e) [	<pre>x] An investment adviser in accordance with Section 240.13d-1(b)(1)(ii)(E); Morgan Stanley Investment Management Inc.</pre>
	(f) [	] An employee benefit plan or endowment fund in accordance with Section 240.13d-1(b)(1)(ii)(F);
	(g) [	x] A parent holding company or control person in accordance with Section 240.13d-1(b)(1)(ii)(G); Morgan Stanley
	(h) [	] A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
	(i) [	] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
	(j) [	] Group, in accordance with Section 13d-1(b)(1)(ii)(J).

- Item 4. Ownership as of December 31, 2010.\*
  - (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.			
			edge and belief, I certify true, complete and correct.		
Date:	February 9, 2011				
Signature:	/s/ Michael Lees				
Name/Title:	: Michael Lees/Authorized Signatory, Morgan Stanley				
MORGAN STANLEY					
Date:	February 9, 2011				
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				
	n. Intentional mi olations (see 18		of fact constitute federal		
CUSIP No.04		13-G	Page 7 of 8 Pages		
		IT NO. 99.1 TO SCHEDULE JOINT FILING AGREEMENT			
		February 9, 2011			

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/ Michael Lees

Michael Lees/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).

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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.