ATHENAHEALTH INC Form SC 13G/A February 02, 2016

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934 (Amendment No. 10)*

athenahealth, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

04685W103

(CUSIP Number)

December 31, 2015

(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).

Page 1 of 11

1		ORTING PERSON rtners Limited Partnership						
2	CHECK THE A	PPROPRIATE BOX IF A MEMBER OF A GROUP ctions)		[_]				
	Not Applicable							
3	SEC USE ONLY							
4	CITIZENSHIP Delaware	OR PLACE OF ORGANIZATION						
	MADED OF	5 SOLE VOTING POWER None						
	MBER OF SHARES							
0	EFICIALLY WNED BY EACH	6 SHARED VOTING POWER 2,405,756						
	PORTING PERSON WITH	7 SOLE DISPOSITIVE POWER None						
		8 SHARED DISPOSITIVE POWER 2,642,944						
9	AGGREGATE A 2,642,944	MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_ Not Applicable							
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.8%							
12	TYPE OF REP (see Instru IA	ORTING PERSON ctions)						
		Page 2 of 11						
CUS	IP No. 0468	5W103 13G						
1		ORTING PERSON vestments GP LLC						
2	2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (
	Not Applic		(d)	[_]				
3	SEC USE ONLY							
4	4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware							

5 SOLE VOTING POWER None NUMBER OF SHARES BENEFICIALLY ______ OWNED BY 6 SHARED VOTING POWER REPORTING ______ 7 SOLE DISPOSITIVE POWER PERSON WITH None _____ 8 SHARED DISPOSITIVE POWER 2,642,944 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_] Not Applicable 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.8% 12 TYPE OF REPORTING PERSON (see Instructions) HC ______ Page 3 of 11 CUSIP No. 04685W103 13G ______ 1 NAME OF REPORTING PERSON Artisan Partners Holdings LP 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions) (a) [_] (b) [_] Not Applicable 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware ______ 5 SOLE VOTING POWER None NUMBER OF SHARES BENEFICIALLY -----OWNED BY 6 SHARED VOTING POWER 2,405,756 REPORTING ______ 7 SOLE DISPOSITIVE POWER PERSON WTTHNone 8 SHARED DISPOSITIVE POWER 2,642,944 _____

9	AGGREGATE A	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) Not Applicable								
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.8%								
12	TYPE OF REPORTING PERSON (see Instructions) HC								
			Page 4 of 11						
CUS	SIP No. 0468	5W1	03 13G						
1	NAME OF REP Artisan Pa		ING PERSON ers Asset Management Inc.						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)								
	Not Applic	abl	e 	(b) [_]					
3	SEC USE ONI	Υ							
4	CITIZENSHIP Delaware	OR	PLACE OF ORGANIZATION						
	JMBER OF SHARES	5	SOLE VOTING POWER None						
С	EFICIALLY WNED BY EACH EPORTING	6	SHARED VOTING POWER 2,405,756						
	PERSON WITH	7	SOLE DISPOSITIVE POWER None						
		8	SHARED DISPOSITIVE POWER 2,642,944						
9	AGGREGATE A 2,642,944	MOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_ Not Applicable								
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 6.8%								
12	TYPE OF REF (see Instru HC								

Page 5 of 11

CUS	IP No. 046	85W1(13G				
1	NAME OF RE		ING PERSON ers Funds, Inc.				
2		ECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP See Instructions)					
	Not Applicable (b)						
3	SEC USE ON	LY					
4	CITIZENSHII Wisconsin		PLACE OF ORGANIZATION				
	MBER OF SHARES	5	SOLE VOTING POWER None				
	BENEFICIALLY OWNED BY EACH		SHARED VOTING POWER 1,515,116				
REPORTING PERSON WITH		7	SOLE DISPOSITIVE POWER None				
		8	SHARED DISPOSITIVE POWER 1,515,116				
9	AGGREGATE 1,515,116	AMOUI	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [_] Not Applicable						
11	PERCENT OF	CLAS	SS REPRESENTED BY AMOUNT IN ROW (9)				
12	TYPE OF REI						
			Page 6 of 11				
Ite	m 1(a) Nai	me oi	f Issuer:				
		ather	nahealth, Inc.				
Ite			s of Issuer's Principal Executive Offices:				
			Arsenal Street, Watertown, Massachusetts 02472				
Ite	m 2(a) Nai	me oi	f Person Filing:				

Artisan Partners Limited Partnership ("APLP")
Artisan Investments GP LLC ("Artisan Investments")
Artisan Partners Holdings LP ("Artisan Holdings")
Artisan Partners Asset Management Inc. ("APAM")
Artisan Partners Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

APLP, Artisan Investments, Artisan Holdings, APAM, and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

APLP is a Delaware limited partnership
Artisan Investments is a Delaware limited liability company
Artisan Holdings is a Delaware limited partnership
APAM is a Delaware corporation
Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

04685W103

- - (d) Artisan Funds is an Investment Company under section 8 of the Investment Company $\mbox{Act.}$
 - (e) APLP is an investment adviser registered under section 203 of the Investment Advisers Act of 1940.
 - (g) Artisan Holdings is the sole limited partner of APLP and the sole member of Artisan Investments; Artisan Investments is the general partner of APLP; APAM is the general partner of Artisan Holdings.

Page 7 of 11

- Item 4 Ownership (at December 31, 2015):
 - (a) Amount owned "beneficially" within the meaning of rule 13d-3:

2,642,944

(b) Percent of class:

6.8% (based on 38,829,970 shares outstanding as of 10/20/2015)

- (c) Number of shares as to which such person has:
 - (i) sole power to vote or to direct the vote:

None

(ii) shared power to vote or to direct the vote:

2,405,756

(iii) sole power to dispose or to direct the disposition
 of:

None

(iv) shared power to dispose or to direct the disposition of: $\begin{tabular}{ll} \begin{tabular}{ll} \$

2,642,944

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:

The shares reported herein have been acquired on behalf of discretionary clients of APLP; as reported herein, APLP holds 2,642,944 shares, including 1,515,116 shares on behalf of Artisan Funds. Persons other than APLP are entitled to receive all dividends from, and proceeds from the sale of, those shares.

Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person:

Not Applicable

Not Applicable

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.

Page 8 of 11

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 2, 2016

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez *

ARTISAN PARTNERS FUNDS, INC.

By: Gregory K. Ramirez *

*By: /s/ Gregory K. Ramirez
Gregory K. Ramirez
Senior Vice President of
Artisan Partners Asset
Management Inc.
Vice President of Artisan
Investments GP LLC
Chief Financial Officer, Vice

President and Treasurer of

Artisan Partners Funds, Inc.

Page 9 of 11

Exhibit Index

Exhibit 1 Joint Filing Agreement dated February 2, 2016 by and among Artisan Partners Limited Partnership, Artisan Investments GP LLC, Artisan Partners Holdings LP, Artisan Partners Asset Management Inc., and Artisan Partners Funds, Inc.

Page 10 of 11

EXHIBIT 1

JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule $13\mathrm{G}$ to which this Agreement is attached.

Dated: February 2, 2016

ARTISAN PARTNERS ASSET MANAGEMENT INC, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Gregory K. Ramirez*

ARTISAN INVESTMENTS GP LLC, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Gregory K. Ramirez *

ARTISAN PARTNERS FUNDS, INC.

By: Gregory K. Ramirez *

*By: /s/ Gregory K. Ramirez

Gregory K. Ramirez
Senior Vice President of
Artisan Partners Asset
Management Inc.
Vice President of Artisan
Investments GP LLC
Chief Financial Officer, Vice

President and Treasurer of Artisan Partners Funds, Inc.

Page 11 of 11