ATHENAHEALTH INC

Form 4

September 12, 2008

FORM 4

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

OMB Number: 3235-0287

Estimated average

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Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Expires: January 31, 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue.

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

response...

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Byers Carl B.			2. Issuer Name and Ticker or Trading Symbol ATHENAHEALTH INC [ATHN]	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle)		(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
C/O ATHENAHEALTH, INC., 311 ARSENAL STREET		H, INC., 311	(Month/Day/Year) 09/11/2008	Director 10% Owner _X_ Officer (give title Other (specify below) Senior VP, CFO and Treasurer		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
WATERTOV	VN, MA 02	2472	Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) ((Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owner							
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	09/11/2008		S	100 (1)	, ,	\$ 33.31	280,100	D	
Common Stock	09/11/2008		S	100 (1)	D	\$ 33.54	280,000	D	
Common Stock	09/11/2008		S	100 (1)	D	\$ 33.61	279,900	D	
Common Stock	09/11/2008		S	100 (1)	D	\$ 33.69	279,800	D	
Common Stock	09/11/2008		S	100 (1)	D	\$ 33.46	279,700	D	

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Common Stock	09/11/2008	S	7 (1)	D	\$ 33.78	279,693	D
Common Stock	09/11/2008	S	93 (1)	D	\$ 33.79	279,600	D
Common Stock	09/11/2008	S	100 (1)	D	\$ 33.8	279,500	D
Common Stock	09/11/2008	S	3 (1)	D	\$ 33.71	279,497	D
Common Stock	09/11/2008	S	97 (1)	D	\$ 33.72	279,400	D
Common Stock	09/11/2008	S	100 (1)	D	\$ 34.24	279,300	D
Common Stock	09/11/2008	S	100 (1)	D	\$ 33.57	279,200	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Ex	ercisable and	/. Tit	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	tiorNumbe	er Expiration	Date	Amou	unt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Da	ay/Year)	Unde	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8) Deriva	tive		Secur	rities	(Instr. 5)	Bene
	Derivative				Securit	ties		(Instr	. 3 and 4)		Own
	Security				Acquir	red					Follo
					(A) or						Repo
					Dispos	sed					Trans
					of (D)						(Instr
					(Instr.	3,					
					4, and	5)					
									Amount		
						Date	Expiration	m 1	or		
						Exercisabl	e Date	Title	Number		
				a 1		D)			of		
				Code	V (A) (D)			Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Byers Carl B.			Senior VP,				
C/O ATHENAHEALTH, INC.			CFO and				
311 ARSENAL STREET			Treasurer				

Reporting Owners 2

WATERTOWN, MA 02472

Signatures

/s/ Daniel H. Orenstein Attorney-in-Fact

09/12/2008

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sales reported on this Form 4 were made pursuant to a written trading plan adopted by the Reporting Person on January 8, 2008 in accordance with SEC Rule 10b5-1.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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