

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

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. \_\_\_)\*

DexCom, Inc.  
-----

(Name of Issuer)

Common Stock, par value \$0.001 Par Value  
-----

(Title of Class of Securities)

252131107  
-----

(CUSIP Number)

February 14, 2006  
-----

(Date of Event Which Requires Filing of this Statement)

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

- 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 on 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).

-----  
CUSIP No. 252131107  
-----

13G

-----  
Page 2 of 10 Pages  
-----

-----  
1 NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

Warburg Pincus Private Equity VIII, L.P. I.R.S. #13-4161869

-----  
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a)

(b)

-----  
3 SEC USE ONLY  
-----

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

-----  
5 SOLE VOTING POWER

0

-----  
6 NUMBER OF SHARED VOTING POWER  
SHARES BENEFICIALLY OWNED BY 2,692,462

EACH  
REPORTING  
PERSON  
WITH:

-----  
7 SOLE DISPOSITIVE POWER

0

-----  
8 SHARED DISPOSITIVE POWER

2,692,462

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,692,462

-----  
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

N/A

-----  
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

10.6%

-----  
12 TYPE OF REPORTING PERSON\*

PN

-----  
\*SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

Warburg Pincus & Co. I.R.S. #13-6358475

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a) [ ]

(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

New York

5 SOLE VOTING POWER

0

NUMBER OF  
 SHARES  
 BENEFICIALLY  
 OWNED BY  
 EACH  
 REPORTING  
 PERSON  
 WITH:

6 SHARED VOTING POWER

2,692,462

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

2,692,462

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,692,462

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

10.6%

12 TYPE OF REPORTING PERSON\*

PN

\*SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

Warburg Pincus LLC I.R.S. #13-3536050

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(a) [ ]  
 (b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

New York

	5	SOLE VOTING POWER	0
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	6	SHARED VOTING POWER	2,692,462
	7	SOLE DISPOSITIVE POWER	0
	8	SHARED DISPOSITIVE POWER	2,692,462

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,692,462

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

10.6%

12 TYPE OF REPORTING PERSON\*

00

\*SEE INSTRUCTION BEFORE FILLING OUT!

1 NAME OF REPORTING PERSON  
I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
Warburg Pincus Partners LLC I.R.S. #13-4069737

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*  
(a) [ ]  
(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION  
New York

5 SOLE VOTING POWER

0

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH:

6 SHARED VOTING POWER

2,692,462

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

2,692,462

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
2,692,462

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES\*  
N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
10.6%

12 TYPE OF REPORTING PERSON\*  
00

\*SEE INSTRUCTION BEFORE FILLING OUT!

Item 1(a): Name of Issuer:

DexCom, Inc. (the "Company")

Item 1(b): Address of Issuer's Principal Executive Offices:

5555 Oberlin Drive  
San Diego, CA 92121

Item 2(a): Name of Person Filing:

This Schedule 13G is filed by Warburg Pincus Private Equity VIII, L.P. and two affiliated entities (collectively, "WP VIII"). The sole general partner of WP VIII is Warburg Pincus Partners LLC ("WPP LLC"). WPP LLC is managed by Warburg Pincus & Co. ("WP"). Warburg Pincus LLC ("WP LLC"), manages WP VIII. Charles R. Kaye and Joseph P. Landy are each Managing General Partners of WP and Co-Presidents and Managing Members of WP LLC. Each of WP, WPP LLC, WP LLC, Mr. Kaye and Mr. Landy disclaim beneficial ownership of the Common Stock except to the extent of any indirect pecuniary interest therein. WP VIII, WPP LLC, WP and WP LLC are sometimes collectively referred to herein as the "Warburg Pincus Reporting Persons."

Item 2(b): Address of Principal Business Office or, if None, Residence:

The address of the principal business office of the Warburg Pincus Reporting Persons is c/o Warburg Pincus & Co., 466 Lexington Avenue, New York, New York 10017.

Item 2(c): Citizenship:

WP VIII is a Delaware limited partnership, WPP LLC is a New York limited liability company, WP is a New York general partnership and WP LLC is a New York limited liability company.

Item 2(d): Title of Class of Securities:

Common Stock, par value \$0.001 per share ("Common Stock")

Item 2(e): CUSIP Number

252131107

Item 3: If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:

- A.  Broker or dealer registered under Section 15 of the Act,
- B.  Bank as defined in Section 3(a)(6) of the Act,
- C.  Insurance Company as defined in Section 3(a)(19) of the Act,
- D.  Investment Company registered under Section 8 of the Investment Company Act of 1940,
- E.  Investment Adviser in accordance with Rule 13d-1 (b)(1)(ii)(E),
- F.  Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b)(1)(ii)(F),

- G.  Parent Holding Company or control person in accordance with Rule 13d-1 (b)(1)(ii)(G),
- H.  Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
- I.  Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
- J.  Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4: Ownership:

A. Warburg Pincus Private Equity VIII, L.P.  
-----

- (a) Amount beneficially owned: 2,692,462
- (b) Percent of class: 10.6%
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: 0
  - (ii) Shared power to vote or to direct the vote: 2,692,462
  - (iii) Sole power to dispose or to direct the disposition: 0
  - (iv) Shared power to dispose or to direct the disposition:  
2,692,462

B. Warburg Pincus Partners LLC  
-----

- (a) Amount beneficially owned: 2,692,462
- (b) Percent of class: 10.6%
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: 0
  - (ii) Shared power to vote or to direct the vote: 2,692,462
  - (iii) Sole power to dispose or to direct the disposition: 0
  - (iv) Shared power to dispose or to direct the disposition:  
2,692,462

C. Warburg Pincus & Co.  
-----

- (a) Amount beneficially owned: 2,692,462
- (b) Percent of class: 10.6%
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: 0
  - (ii) Shared power to vote or to direct the vote: 2,692,462
  - (iii) Sole power to dispose or to direct the disposition: 0
  - (iv) Shared power to dispose or to direct the disposition:  
2,692,462

D. Warburg Pincus LLC  
-----

- (a) Amount beneficially owned: 2,692,462
- (b) Percent of class: 10.6%
- (c) Number of shares as to which such person has:
  - (i) Sole power to vote or to direct the vote: 0
  - (ii) Shared power to vote or to direct the vote: 2,692,462
  - (iii) Sole power to dispose or to direct the disposition: 0
  - (iv) Shared power to dispose or to direct the disposition:  
2,692,462

Item 5: Ownership of Five Percent or Less of a Class:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [ ]

Item 6: Ownership of More than Five Percent on Behalf of Another Person:

Other than as set forth herein, no other person has the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, in excess of 5% of the total outstanding Common Stock.

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

N/A



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

WP VIII, WPP LLC, WP and WP LLC are making this single, joint filing because they may be deemed to constitute a "group" within the meaning of Section 13(d)(3) of the Securities Exchange Act of 1934, as amended. The agreement among WP VIII, WPP LLC, WP and WP LLC to file jointly is attached hereto as Exhibit A. Each of WP VIII, WPP LLC, WP and WP LLC disclaims beneficial ownership of all of the shares of Common Stock, other than those reported herein as being owned by it.

Item 9: Notice of Dissolution of Group:

N/A

Item 10: Certification:

N/A

SIGNATURES

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.

Dated: February 2, 2006

WARBURG PINCUS PRIVATE EQUITY VIII, L.P.  
By: Warburg Pincus Partners LLC,  
its General Partner

By: Warburg Pincus & Co.,  
its Managing Member

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Partner

Dated: February 2, 2006

WARBURG PINCUS PARTNERS LLC  
By: Warburg Pincus & Co.,  
its Managing Member

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Partner

Dated: February 2, 2006

WARBURG PINCUS & CO.

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Partner

Dated: February 2, 2006

WARBURG PINCUS LLC

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Member

EXHIBIT INDEX  
-----

Exhibit A: Joint Filing Agreement, dated February 2, 2006, by and among the Warburg Pincus Reporting Persons.

JOINT FILING AGREEMENT  
PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that it knows or has reason to believe that such information is inaccurate. This Agreement may be executed in any number of counterparts and all of such counterparts taken together shall constitute one and the same instrument.

Dated: February 2, 2006

WARBURG PINCUS PRIVATE EQUITY VIII, L.P.

By: Warburg Pincus Partners LLC,  
its General Partner

By: Warburg Pincus & Co.,  
its Managing Member

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Partner

Dated: February 2, 2006

WARBURG PINCUS PARTNERS LLC

By: Warburg Pincus & Co.,  
its Managing Member

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Partner

Dated: February 2, 2006

WARBURG PINCUS & CO.

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Partner

Dated: February 2, 2006

WARBURG PINCUS LLC

By: Scott A. Arenare

-----  
Name: Scott A. Arenare  
Title: Member