

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Howton David T</u> (Last) (First) (Middle) <u>C/O VERTEX PHARMACEUTICALS</u> <u>INCORPORATED</u> <u>130 WAVERLY ST</u> (Street) <u>CAMBRIDGE MA</u> <u>02139</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>08/29/2011</u>	3. Issuer Name and Ticker or Trading Symbol <u>VERTEX PHARMACEUTICALS INC / MA [VRTX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> Officer (give title below) <u>SVP</u> 10% Owner Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	9,599 ⁽¹⁾	D	
Common Stock	264	I	401(k)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Options	12/14/2009 ⁽²⁾	09/13/2019	Common Stock	25,000	36.33	D	
Stock Options	05/04/2010 ⁽³⁾	02/03/2020	Common Stock	15,000	39.05	D	
Stock Options	10/14/2010 ⁽⁴⁾	07/13/2020	Common Stock	7,500	33.82	D	
Stock Options	05/03/2011 ⁽⁵⁾	02/02/2021	Common Stock	15,000	38.8	D	
Stock Options	10/13/2011 ⁽⁶⁾	07/12/2021	Common Stock	7,500	51.75	D	

Explanation of Responses:

- (i) Includes (a) 3,000 shares of common stock vesting in three equal installments on 9/1/2011, 9/1/2012 and 9/1/2013; (b) 1,000 shares of common stock vesting on 2/4/2014, subject to acceleration upon achievement of Company performance goals, and (c) 3,000 shares of common stock vesting on 2/3/2015, subject to acceleration upon achievement of Company performance goals.
- Right to buy under 2006 Stock and Option Plan vesting in 16 quarterly installments from 09/14/2009.
- Right to buy under 2006 Stock and Option Plan, vesting in 16 quarterly installments from 02/04/2010.
- Right to buy under 2006 Stock and Option Plan vesting in 16 quarterly installments from 07/14/2010.
- Right to buy under 2006 Stock and Option Plan vesting in 16 quarterly installments from 02/03/2011.
- Right to buy under 2006 Stock and Option Plan vesting in 16 quarterly installments from 07/13/2011.

Remarks:

David T. Howton09/07/2011

** Signature of Reporting Person

Date

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

* If the form is filed by more than one reporting person, see Instruction 5 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.