FORM 4

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person* Bottini Mark Anthony	2. Issuer Name **and** Ticker or Trading Symbol PAYCHEX INC [PAYX]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
(Last) (First) (Middle) 911 PANORAMA TRAIL SOUTH	3. Date of Earliest Transaction (Month/Day/Year) 07/06/2017	___ Director ___ 10% Owner X__ Officer (give title below) ___ Other (specify below) Sr. VP of Sales
(Street) ROCHESTER, NY 14625	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check 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 Owned

1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	07/06/2017		S		459 [1]	D	$ 56.97	46,548	D	
Common Stock	07/09/2017		S		6,680 [1]	D	$ 57.42	39,868	D	
Common Stock								815 [2]	I	401(k)

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

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option	$ 28.06							10/18/2012	10/17/2021	Common Stock	35,063		35,063	D	
Stock Option	$ 28.06							10/18/2014	10/17/2021	Common Stock	63,750		63,750	D	
Stock Option	$ 31.65							07/11/2013	07/10/2022	Common Stock	58,901		58,901	D	
Stock Option	$ 38.48							07/10/2014	07/09/2023	Common Stock	53,911		53,911	D	
Stock Option	$ 41.7							07/09/2015	07/08/2024	Common Stock	44,271		44,271	D	
Stock Option	$ 47.32							07/08/2016	07/07/2025	Common Stock	46,875		46,875	D	
Stock Option	$ 60.84							07/06/2017	07/05/2026	Common Stock	43,760		43,760	D	
Stock Option	$ 60.84							07/06/2017	07/05/2026	Common Stock	147,405		147,405	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Bottini Mark Anthony 911 PANORAMA TRAIL SOUTH ROCHESTER, NY 14625			Sr. VP of Sales	

Signatures

Stephanie L. Schaeffer, Attorney-in-fact	07/10/2017
**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) Disposition of shares to satisfy tax withholding obligations arising from lapse of restrictions applicable to restricted stock.

(2) 401(k) balance as of June 1, 2017.

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.