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

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longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

#### 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

Name and Address of Reporting Person   Bottini Mark Anthony					2. Issuer Name and Ticker or Trading Symbol PAYCHEX INC [PAYX]							5	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
(Last) (First) (Middle) 911 PANORAMA TRAIL SOUTH				3. Date of Earliest Transaction (Month/Day/Year) 07/09/2014									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 PersonForm filed by More than One Reporting Person				
(Cit	ty)	(State)	(Zip)		Table I - Non-Derivative Securities Acquired, Disposed of, or F								of, or Benef	icially Owned			
(Instr. 3) Date		2. Transaction Date (Month/Day/Yea	Execu any	2A. Deemed Execution Date, if any (Month/Day/Year)		(Instr. 8)		(A	4. Securities Acquir (A) or Disposed of (Instr. 3, 4 and 5)					l (	6. Ownership Form: Direct (D)	7. Nature of Indirect Beneficial Ownership	
							C	ode	V A	mount	(A) or (D)	Price	(I)			(Instr. 4)	
Commor	Stock		07/09/2014				1	A	4, (1	096	A	\$ 0	19,108			)	
Commor	Stock		07/09/2014				1	A	14 (2	1,708 1	A	\$ 0	33,816			)	
Commor	Stock		07/10/2014				1	S	47	77 (3)	D	\$ 41.92	33,339			)	
Commor	Stock											:	353 (4)				401(k)
				(e.g., p		calls, wa	rran	quired	l, Dispo ons, cor	sed of,	or Bene le securi	ficially (	Owned				
1. Title of Derivative Security	Conversion	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if	( <i>e.g.</i> , p	tion	<b>calls, wa</b> 5. Numb	er ative	equired ts, opti 6. Dat Expira	currer  I, Dispo ons, con e Exerci	sed of, avertible sable and	id OME or Bene le securi	G contro	and Amount		9. Number o	f 10.	11. Natur of Indirec Beneficia
(Instr. 3)	Price of Derivative Security	vative	(Month/Day/Year)	(Instr. 8	Acquire or Dispo of (D) (Instr. 3 and 5)		oosed				(Instr. 3	and 4)	(Instr. 5)	Beneficially Owned Following Reported Transaction(s)		(Instr. 4)	
													Amount		(Instr. 4)	(Instr. 4)	١ .
				Code	V	(A)	(D)	Date Exerci	isable	Expira Date	ntion	Title	or Number of Shares				,
Stock Option	\$ 41.7	07/09/2014		Code	V	(A) 44,271	(D)	Exerci	9/2015	Date		Title Comm Stoc	Number of Shares	\$ 41.7	44,271	D	
	\$ 41.7 \$ 28.06	07/09/2014			V		(D)	07/09		Date 07/08	8/2024	Comm	Number of Shares non k 44,271	\$ 41.7	44,271 51,313	D D	
Option Stock	·	07/09/2014			V		(D)	07/09 10/18	9/2015	Date 07/08	3/2024 7/2021	Comm Stoc	Number of Shares non k 44,271 non 51,313	\$ 41.7	ŕ		
Option Stock Option Stock	\$ 28.06	07/09/2014			V		(D)	07/09 10/18 10/18	9/2015 8/2012	07/08 10/17 10/17	3/2024 7/2021 7/2021	Comm Stoc Comm Stoc	Number of Shares non k 44,271 non k 51,313 non k 250,000 non 58,901	\$ 41.7	51,313	D	

## **Reporting Owners**

	Relationships							
Reporting Owner Name / Address	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	07/11/2014
**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) Award of restricted stock, subject to vesting, pursuant to the Amended and Restated 2002 Stock Incentive Plan.
- (2) Award of restricted stock, subject to vesting, pursuant to the performance award under the Amended and Restated 2002 Stock Incentive Plan.
- (3) Disposition of shares to satisfy tax withholding obligations arising from lapse of restrictions applicable to restricted stock.
- (4) 401(k) balance as of June 1, 2014.

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.