

FORM 4

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

OMB APPROVAL
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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

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

(Print or Type Responses)

1. Name and Address of Reporting Person RIVERA EFRAIN		2. Issuer Name and Ticker or Trading Symbol PAYCHEX INC [PAYX]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Sr. Vice President, CFO	
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 07/06/2016		
911 PANORAMA TRAIL S			4. If Amendment, Date Original Filed(Month/Day/Year)		6. Individual or Joint/Group Filing Check Applicable Line <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
(Street) ROCHESTER, NY 14625					
(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	07/06/2016		A		3,351 (1)	A	\$ 0	48,930	D	
Common Stock	07/06/2016		A		12,037 (2)	A	\$ 0	60,967	D	
Common Stock	07/06/2016		A		12,113 (3)	A	\$ 0	73,080	D	

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

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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	\$ 60.84	07/06/2016		A		48,622		07/06/2017	07/05/2026	Common Stock	48,622	\$ 60.84	48,622	D	
Stock Option	\$ 60.84	07/06/2016		A		147,405 (4)		07/06/2017	07/05/2026	Common Stock	147,405	\$ 60.84	147,405	D	
Stock Option	\$ 31.34							07/06/2012	07/05/2021	Common Stock	44,381		44,381	D	
Stock Option	\$ 31.63							07/07/2014	07/06/2021	Common Stock	157,500 (5)		157,500	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	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other

RIVERA EFRAIN 911 PANORAMA TRAIL S ROCHESTER, NY 14625			Sr. Vice President, CFO	
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Signatures

Stephanie L. Schaeffer, Attorney-in-fact		07/08/2016
<small>Signature of Reporting Person</small>		<small>Date</small>

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) Grant of restricted stock, subject to vesting, based on achievement of multi-year performance metrics, pursuant to the Amended and Restated 2002 Stock Incentive Plan.
- (3) Award of restricted stock, subject to vesting, pursuant to the performance award under the Amended and Restated 2002 Stock Incentive Plan.
- (4) Grant of non-qualified stock options, subject to vesting based on achievement of multi-year performance metrics, pursuant to the Amended and Restated 2002 Stock Incentive Plan.
- (5) Updated balance reflects cancellation of unvested options following Performance Period.

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

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