

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden
hours per response... 0.5

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* Zaucha Laurie L.			2. Issuer Name and Ticker or Trading Symbol PAYCHEX INC [PAYX]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) _____ Other (specify below) _____ Vice President		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 10/09/2017					
911 PANORAMA TRAIL SOUTH								
(Street)			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		
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	10/09/2017		M		100	(U)	A	\$ 31.63	36,460	D	
Common Stock	10/09/2017		S		100		D	\$ 64	36,360	D	
Common Stock	10/10/2017		M		9,400	(U)	A	\$ 31.63	45,760	D	
Common Stock	10/10/2017		S		9,400		D	\$ 64	36,360	D	
Common Stock	10/10/2017		M		7,854	(U)	A	\$ 31.65	44,214	D	
Common Stock	10/10/2017		S		7,854		D	\$ 64	36,360	D	

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

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 control number. SEC 1474 (9-02)

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		Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option	\$ 31.63	10/09/2017		M		100	07/07/2014	07/06/2021	Common Stock	100	\$ 0	9,400	D	
Stock Option	\$ 31.63	10/10/2017		M		9,400	07/07/2014	07/06/2021	Common Stock	9,400	\$ 0	0	D	
Stock Option	\$ 31.65	10/10/2017		M		7,854	07/11/2013	07/10/2022	Common Stock	7,854	\$ 0	0	D	
Stock Option	\$ 38.48						07/10/2014	07/09/2023	Common Stock	14,826		14,826	D	
Stock Option	\$ 41.7						07/09/2015	07/08/2024	Common Stock	22,135		22,135	D	
Stock Option	\$ 47.32						07/08/2016	07/07/2025	Common Stock	23,438		23,438	D	
Stock Option	\$ 60.84						07/06/2017	07/05/2026	Common Stock	20,665		20,665	D	

Stock Option	\$ 60.84						07/06/2017	07/05/2026	Common Stock	76,652		76,652	D	
Stock Option	\$ 57.24						07/12/2018	07/11/2027	Common Stock	20,579		20,579	D	

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Zaucha Laurie L. 911 PANORAMA TRAIL SOUTH ROCHESTER, NY 14625			Vice President	

Signatures

Stephanie L. Schaeffer, Attorney-in-fact		10/11/2017
<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) Exercise pursuant to Rule 10b5-1 Trading Plan.

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.