## 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

| 1. Name and Address of Reporting Person <sup>*</sup> Zaucha Laurie L. |                         |  |  | 2. Issuer Name and Ticker or Trading Symbol PAYCHEX INC [PAYX]   |   |   |      |               |  |                |           | 5  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director   |  |   |                          |  |
|---|-------------------------|--|--|--|---|---|------|---------------|--|----------------|-----------|--|---|--|---|--------------------------|--|
| (Last) (First) (Middle) 911 PANORAMA TRAIL SOUTH                      |                         |  |  | 3. Date of Earliest Transaction (Month/Day/Year) 07/10/2013  |   |   |      |               |  |                | .)        |  | X Officer (give title below) Other (specify below) Vice President   |  |   |                          |  |
| (Street)  ROCHESTER, NY 14625   |                         |  |  | 4. If Amendment, Date Original Filed(Month/Day/Year)   |   |   |      |               |  |                | ear)      |  | 6. Individual or Joint/Group Filing(Check Applicable Line)  Form filed by One Reporting Person Form filed by More than One Reporting Person |  |   |                          |  |
| (Cit  |                         | (State)                                    | (Zip)                                    |  |   |   | Tabl | le I - No     | on-Deri  | vative S       | Securitie | es Acquir  | ed, Disposed o  | of, or Benefi                                  | icially Owned   |                          |  |
| (Instr. 3) Date   |                         |  | 2. Transaction<br>Date<br>(Month/Day/Yea | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)  |   | 3. Transaction<br>Code<br>(Instr. 8)                          |      | (1            | 4. Securities Acquir<br>(A) or Disposed of (Instr. 3, 4 and 5) |                | of (D)    | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)  6. Owners Form: Direct ( or Indir (I) |   | Ownership<br>form:<br>Direct (D)<br>r Indirect | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                          |  |
| Commor  | n Stock                 |  | 07/10/2013                               |  |   |   |      | A A           | 2  | ,543           | (D)       | Price \$ 0 9   | ,857  |  |   | Instr. 4)                |  |
| Commor  | Common Stock 07/10/2013 |  |  |  |   |   |      | A             | 5  | ,786<br>2)     | A         | \$ 0 1   | 15,643  |  |   | )                        |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                   | Conversion              | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed                               | 4. 5. Numb<br>Transaction of Deriv<br>Code Securitie<br>(Instr. 8) Acquiree<br>or Dispo-<br>of (D)<br>(Instr. 3, |   | ber 6. Date Exe<br>exative Expiration I<br>(Month/Day<br>osed |      |               | Date of Un<br>y/Year) Secur                                    |                | ties)     | and Amount<br>clying   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   |  |   | ve Ownersh<br>(Instr. 4) |  |
|   |                         |  |  | Code   | V | (A)   | (D)  | Date<br>Exerc | isable   | Expira<br>Date | ntion     | Title  | Amount<br>or<br>Number<br>of Shares   |  | Transaction(s)<br>(Instr. 4)                                      | (I)<br>(Instr. 4)        |  |
| Stock<br>Option   | \$ 38.48                | 07/10/2013                                 |  | A  |   | 29,651  |      | 07/10         | 0/2014   | 07/09          | 9/2023    | Comm<br>Stock  | on 29 651   | \$ 38.48                                       | 29,651  | D                        |  |
| Stock<br>Option   | \$ 30.93                |  |  |  |   |   |      | 03/28         | 8/2012   | 03/27          | 7/2021    | Comm<br>Stock  | 1 15 432  |  | 15,432  | D                        |  |
| Stock<br>Option   | \$ 31.34                |  |  |  |   |   |      | 07/00         | 6/2012   | 07/05          | 5/2021    | Comm<br>Stock  | 1 /4 1//  |  | 24,372  | D                        |  |
| Stock<br>Option   | \$ 31.63                |  |  |  |   |   |      | 07/0          | 7/2014   | 07/06          | 6/2021    | Comm<br>Stock  | 1100 000  |  | 100,000   | D                        |  |
| Stock   | \$ 31.65                |  |  |  |   | _   |      | 07/1          | 1/2013   | 07/10          | 0/2022    | Comm   | on 31,414   |  | 31,414  | D                        |  |

Stock

## **Reporting Owners**

\$ 31.65

Option

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

# **Signatures**

| Stephanie L. Schaeffer, Attorney-in-fact | 07/12/2013 |  |  |
|--|------------|--|--|
|  |            |  |  |

| **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.

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

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.