#### 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

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

| -   | ontinue. See ction 1(b). | rnea pui                         | rsuant to Section  |   |       |                             |  | mpany Ac            | _      |   | 1 1934  | or Secur  | on 30(n) o.  | i the   |                                       |  |               |   |
|---|--------------------------|----------------------------------|--|---|-------|-----------------------------|--|---------------------|--------|---|---------|---|--|---|---------------------------------------|--|---------------|---|
|   | pe Response              | s) f Reporting Person*           |  | 2. Issue  | er Na | ame an                      | d Tie  | cker or Trad        | ing    | Symbol  |         | 5. 1  | Relationship   |   | g Person(s) t                         |  |               |   |
| Vossler Jennifer R.   |                          |                                  |  | PAYCHEX INC [PAYX]  |       |                             |  |                     |        |   |         | (Check all applicable) Director 10% Owner   |  |   |                                       |  |               |   |
| (Last) (First) (Middle) 911 PANORAMA TRAIL SOUTH  |                          |                                  |  | 3. Date of Earliest Transaction (Month/Day/Year) 11/10/2014   |       |                             |  |                     |        |   |         |   | X_ Officer (give title below) Other (specify below)  VP/Controller |   |                                       |  |               |   |
| (Street)  |                          |                                  |  | 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 |  |   |                                       |  |               |   |
| ROCHESTER, NY 14625   |                          |                                  |  |   |       |                             |  |                     |        |   |         |   | Form filed by More than One Reporting Person                       |   |                                       |  |               |   |
| (Cit  | y)                       | (State)                          | (Zip)  |   |       |                             | Tab  | ole I - Non-E       | eri    | vative S  | ecuriti | es Acquired   | d, Disposed  | of, or Benef  | ficially Own                          | ed                                     |               |   |
| (Instr. 3)  |                          |                                  | 2. Transaction<br>Date<br>(Month/Day/Year                        | 2A. Deemed<br>Execution Date, if<br>r) any<br>(Month/Day/Year |       | Date, if                    | Co<br>(In  | Code                |        | 4. Securities Acquire (A) or Disposed of (I (Instr. 3, 4 and 5) |         | of (D) Owned Follow   |  |   |                                       | 6.<br>Ownership<br>Form:<br>Direct (D) | of In<br>Bene | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|   |                          |                                  |  |   |       |                             | Code V   | A                   | Amount | (A) or<br>(D)   | Price   | ,   |  | or Indirect (I) (Instr. 4)                                  |                                       |  |               |   |
| Common Stock 11/10  |                          |                                  | 11/10/2014   |   |       |                             |  | S                   | 5      | 5,000   | D       | \$<br>47.48   | 19,486   |   |                                       | D                                      |               |   |
| Common  | Common Stock             |                                  |  |   |       |                             |  |                     |        |   |         | 73  | 30   |   |                                       | I                                      | 401           | (k)   |
| 1. Title of Derivative Security (Instr. 3)  2. Conversion Oate (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  Price of Derivative Security |                          | 3A. Deemed<br>Execution Date, if | (e.g., puts, calls, wa<br>4. 5.<br>Transaction Number<br>Code of |   |       | per ative ities ared sed 3, | Expiration Date (Month/Day/Year) of Se (Ir deed sed sed sed sed sed sed sed sed se |                     |        | •   |         | (Instr. 5) Benefi<br>Owned<br>Follow<br>Repor<br>Transa   |  | re Owner s Form of Deriva Securin Direct or Indi ton(s) (I) | Ownersh<br>(y: (Instr. 4)<br>(D) rect |  |               |   |
|   |                          |                                  |  | Code  | v     | (A)                         | (D)  | Date<br>Exercisable | ÷      | Expirati<br>Date  | ion     | Title   | Amount<br>or<br>Number<br>of Shares                                |   |                                       |  |               |   |
| Stock<br>Option   | \$ 27.27                 |                                  |  |   |       |                             |  | 05/04/20            | 10     | 05/03/  | 2019    | Common<br>Stock   | 12,000   |   | 12,000                                | D                                      |               |   |
| Stock<br>Option   | \$ 24.21                 |                                  |  |   |       |                             |  | 07/09/20            | 10     | 07/08/  | 2019    | Common<br>Stock   | 11,155   |   | 11,155                                | D                                      |               |   |
| Stock<br>Option   | \$ 26.02                 |                                  |  |   |       |                             |  | 07/07/20            | 11     | 07/06/  | 2020    | Common<br>Stock   | 16,383   |   | 16,383                                | D                                      |               |   |
| Stock<br>Option   | \$ 31.34                 |                                  |  |   |       |                             |  | 07/06/20            | 12     | 07/05/  | 2021    | Common<br>Stock   | 24,372   |   | 24,372                                | D                                      |               |   |
| Stock<br>Option   | \$ 31.63                 |                                  |  |   |       |                             |  | 07/07/20            | 14     | 07/06/  | 2021    | Common<br>Stock   | 100,000  |   | 100,000                               | D                                      |               |   |
| Stock   | \$ 31.65                 |                                  |  |   |       |                             |  | 07/11/20            | 13     | 07/10/  | 2022    | Common  | 29,450   |   | 29,450                                | D                                      |               |   |

26,956

22,135

Stock

Common

Stock Common

07/10/2014 07/09/2023

07/09/2015 07/08/2024

26,956

22,135

D

D

## **Reporting Owners**

\$ 38.48

\$ 41.7

Option

Stock

Option

Stock

Option

|                                |          | Relat        | tionships |       |
|--------------------------------|----------|--------------|-----------|-------|
| Reporting Owner Name / Address | Director | 10%<br>Owner | Officer   | Other |

| Vossler Jennifer R.<br>911 PANORAMA TRAIL SOUTH<br>ROCHESTER, NY 14625 | VP/Controller |  |
|--|---------------|--|
|  |               |  |
| Signatures   |               |  |

| Stephanie L. Schaeffer, Attorney-in-fact | 11/10/2014 |
|--|------------|
| 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)

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.