PAYCHEX INC Form 4 October 16, 2015

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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0.5

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may continue.

See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

| 1. Name and Address of Reporting Person * MUCCI MARTIN | | | 2. Issuer Name and Ticker or Trading Symbol PAYCHEX INC [PAYX] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | |
|--|----------|----------|---|--|--|--|--|
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction | (Chech all approvate) | | | |
| 911 PANORAMA TRAIL S. | | S. | (Month/Day/Year) 10/15/2015 | _X_ Director 10% Owner _X_ Officer (give title Other (specify below) CEO & President | | | |
| (Street) | | | 4. If Amendment, Date Original | 6. Individual or Joint/Group Filing(Check | | | |
| ROCHESTER, | NY 14625 | | Filed(Month/Day/Year) | Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |

| (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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or | | | 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) | | |
| Common Stock | 10/15/2015 | | Code V M | Amount 40,000 | (D) | Price \$ 27.28 | 272,139 | D | | |
| Common Stock | 10/15/2015 | | S | 40,000 | D | \$ 49.8 | 232,139 | D | | |
| Common Stock | 10/16/2015 | | M | 44,591 | A | \$ 27.28 | 276,730 | D | | |
| Common Stock | 10/16/2015 | | S | 44,591 | D | \$ 50 | 232,139 | D | | |
| Common Stock | | | | | | | 3,917 | I | 401(k) | |

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

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SEC 1474 (9-02)

 $\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

| 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. Transactic Code (Instr. 8) | Secu Acqu or D | rities nired (A) isposed of r. 3, 4, | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|---|---|--|----------------------|--------------------------------------|--|--------------------|---|----------------------------------|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock Option | \$ 27.28 | 10/15/2015 | | M | | 40,000 | 10/13/2011 | 10/12/2020 | Common Stock | 40,000 |
| Stock Option | \$ 27.28 | 10/16/2015 | | M | | 44,591 | 10/13/2011 | 10/12/2020 | Common Stock | 44,591 |
| Stock Option | \$ 36.87 | | | | | | 07/13/2007 | 07/13/2016 | Common Stock | 30,000 |
| Stock Option | \$ 43.91 | | | | | | 07/17/2008 | 07/17/2017 | Common Stock | 30,000 |
| Stock Option | \$ 31.95 | | | | | | 07/10/2009 | 07/09/2018 | Common Stock | 40,000 |
| Stock Option | \$ 31.95 | | | | | | 07/10/2009 | 07/09/2018 | Common Stock | 12,675 |
| Stock Option | \$ 24.21 | | | | | | 07/09/2010 | 07/08/2019 | Common Stock | 13,290 |
| Stock Option | \$ 26.02 | | | | | | 07/07/2011 | 07/06/2020 | Common Stock | 29,786 |
| Stock Option | \$ 31.34 | | | | | | 07/06/2012 | 07/05/2021 | Common Stock | 206,422 |
| Stock Option | \$ 31.63 | | | | | | 07/07/2014 | 07/06/2021 | Common Stock | 500,000 |
| Stock Option | \$ 31.65 | | | | | | 07/11/2013 | 07/10/2022 | Common Stock | 274,869 |
| Stock Option | \$ 38.48 | | | | | | 07/10/2014 | 07/09/2023 | Common Stock | 237,844 |
| Stock Option | \$ 41.7 | | | | | | 07/09/2015 | 07/08/2024 | Common Stock | 195,313 |

Stock Option \$47.32 07/08/2016 07/07/2025 Common Stock 206,801

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

MUCCI MARTIN

911 PANORAMA TRAIL S. X CEO & President

ROCHESTER, NY 14625

Signatures

Stephanie L. Schaeffer, Attorney-in-fact

10/16/2015

**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

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.

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^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).