# UNITED STATES
# SECURITIES AND EXCHANGE COMMISSION
**WASHINGTON, D.C. 20549**

# FORM 10-Q

**(Mark One)**

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**For the quarterly period ended September 30, 2024**

**- OR -**

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

**For the transition period from _____ to _____**

**Commission File Number:**
**001-37470**

# TransUnion

**(Exact name of registrant as specified in its charter)**

| **Delaware** | **61-1678417** |
|---|---|
| **(State or other jurisdiction of incorporation or organization)** | **(I.R.S. Employer Identification No.)** |
| **555 West Adams, Chicago, Illinois** | **60661** |
| **(Address of principal executive offices)** | **(Zip Code)** |

**312-985-2000**
**(Registrant's telephone number, including area code)**

Securities registered pursuant to Section 12(b) of the Act:

| Title of each class | Trading Symbol(s) | Name of each exchange on which registered |
|---|---|---|
| Common Stock, $0.01 par value | TRU | New York Stock Exchange |

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

☒ Yes ☐ No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files).

☒ Yes ☐ No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act:

| | |
|---|---|
| ☒ Large accelerated filer | ☐ Accelerated filer |
| ☐ Non-accelerated filer | ☐ Smaller reporting company |
| | ☐ Emerging growth company |

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

| | |
|---|---|
| ☐ Yes | ☒ No |

As of September 30, 2024, there were 194.9 million shares of TransUnion common stock outstanding.

**TRANSUNION**
**QUARTERLY REPORT ON FORM 10-Q**
**QUARTER ENDED SEPTEMBER 30, 2024**
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**PART I. FINANCIAL INFORMATION**

**ITEM 1. UNAUDITED CONSOLIDATED FINANCIAL STATEMENTS**

**TRANSUNION AND SUBSIDIARIES**
**Consolidated Balance Sheets (Unaudited)**
(in millions, except per share data)

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| **Assets** | | |
| Current assets: | | |
| Cash and cash equivalents | $ 643.2 | $ 476.2 |
| Trade accounts receivable, net of allowance of $18.2 and $16.4 | 798.4 | 723.0 |
| Other current assets | 228.2 | 275.9 |
| Total current assets | 1,669.8 | 1,475.1 |
| Property, plant and equipment, net of accumulated depreciation and amortization of $858.3 and $804.4 | 181.5 | 199.3 |
| Goodwill | 5,184.5 | 5,176.0 |
| Other intangibles, net of accumulated amortization of $3,055.8 and $2,719.8 | 3,356.9 | 3,515.3 |
| Other assets | 661.1 | 739.4 |
| **Total assets** | $ 11,053.8 | $ 11,105.1 |
| **Liabilities and stockholders' equity** | | |
| Current liabilities: | | |
| Trade accounts payable | $ 319.4 | $ 251.3 |
| Short-term debt and current portion of long-term debt | 66.5 | 89.6 |
| Other current liabilities | 609.8 | 661.8 |
| Total current liabilities | 995.7 | 1,002.7 |
| Long-term debt | 5,134.9 | 5,250.8 |
| Deferred taxes | 481.8 | 592.9 |
| Other liabilities | 120.2 | 153.2 |
| **Total liabilities** | 6,732.6 | 6,999.6 |
| Stockholders' equity: | | |
| Common stock, $0.01 par value; 1.0 billion shares authorized at September 30, 2024 and December 31, 2023, 201.4 million and 200.0 million shares issued at September 30, 2024 and December 31, 2023, respectively, and 194.9 million and 193.8 million shares outstanding as of September 30, 2024 and December 31, 2023, respectively | 2.0 | 2.0 |
| Additional paid-in capital | 2,524.3 | 2,412.9 |
| Treasury stock at cost, 6.6 million and 6.2 million shares at September 30, 2024 and December 31, 2023, respectively | (333.0) | (302.9) |
| Retained earnings | 2,312.6 | 2,157.1 |
| Accumulated other comprehensive loss | (289.5) | (260.9) |
| Total TransUnion stockholders' equity | 4,216.4 | 4,008.2 |
| Noncontrolling interests | 104.8 | 97.3 |
| **Total stockholders' equity** | 4,321.2 | 4,105.5 |
| **Total liabilities and stockholders' equity** | $ 11,053.8 | $ 11,105.1 |

See accompanying notes to unaudited consolidated financial statements.

**TRANSUNION AND SUBSIDIARIES**
**Consolidated Statements of Operations (Unaudited)**
(in millions, except per share data)

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| **Revenue** | $ 1,085.0 | $ 968.7 | $ 3,147.0 | $ 2,876.9 |
| **Operating expenses** | | | | |
| Cost of services (exclusive of depreciation and amortization below) | 448.7 | 368.8 | 1,261.7 | 1,136.8 |
| Selling, general and administrative | 305.7 | 290.8 | 922.1 | 867.7 |
| Depreciation and amortization | 133.6 | 131.3 | 400.5 | 391.1 |
| Goodwill impairment | — | 414.0 | — | 414.0 |
| Restructuring | 40.5 | — | 66.8 | — |
| **Total operating expenses** | 928.6 | 1,205.0 | 2,651.0 | 2,809.6 |
| **Operating income (loss)** | 156.4 | (236.3) | 495.9 | 67.3 |
| **Non-operating income and (expense)** | | | | |
| Interest expense | (66.6) | (72.7) | (203.2) | (217.2) |
| Interest income | 7.8 | 5.0 | 19.9 | 15.1 |
| Earnings from equity method investments | 4.7 | 3.7 | 14.0 | 11.7 |
| Other (expense) and income, net | (5.4) | 8.7 | (26.2) | (16.3) |
| **Total non-operating income and (expense)** | (59.6) | (55.4) | (195.4) | (206.8) |
| **Income (loss) from continuing operations before income taxes** | 96.8 | (291.7) | 300.5 | (139.5) |
| **Provision for income taxes** | (24.9) | (22.2) | (68.9) | (60.1) |
| **Income (loss) from continuing operations** | 71.9 | (313.9) | 231.6 | (199.6) |
| **Discontinued operations, net of tax** | — | (0.5) | — | (0.7) |
| **Net income (loss)** | 71.9 | (314.4) | 231.6 | (200.3) |
| **Less: net income attributable to the noncontrolling interests** | (3.9) | (4.3) | (13.4) | (11.9) |
| **Net income (loss) attributable to TransUnion** | $ 68.0 | $ (318.8) | $ 218.2 | $ (212.2) |
| | | | | |
| **Basic earnings (loss) per common share from:** | | | | |
| Income (loss) from continuing operations attributable to TransUnion | $ 0.35 | $ (1.65) | $ 1.12 | $ (1.09) |
| Discontinued operations, net of tax | — | — | — | — |
| Net income (loss) attributable to TransUnion | $ 0.35 | $ (1.65) | $ 1.12 | $ (1.10) |
| **Diluted earnings (loss) per common share from:** | | | | |
| Income (loss) from continuing operations attributable to TransUnion | $ 0.35 | $ (1.65) | $ 1.11 | $ (1.09) |
| Discontinued operations, net of tax | — | — | — | — |
| Net income (loss) attributable to TransUnion | $ 0.35 | $ (1.65) | $ 1.11 | $ (1.10) |
| **Weighted-average shares outstanding:** | | | | |
| Basic | 194.6 | 193.4 | 194.3 | 193.3 |
| Diluted | 197.0 | 193.4 | 196.3 | 193.3 |

As a result of displaying amounts in millions, and for the calculation of earnings per share, rounding differences may exist in the table above.
See accompanying notes to unaudited consolidated financial statements.

**TRANSUNION AND SUBSIDIARIES**
**Consolidated Statements of Comprehensive Income (Loss) (Unaudited)**
(in millions)

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| **Net income (loss)** | $ 71.9 | $ (314.4) | $ 231.6 | $ (200.3) |
| **Other comprehensive income (loss):** | | | | |
| Foreign currency translation: | | | | |
| Foreign currency translation adjustment | 51.6 | (49.0) | 20.1 | 37.0 |
| Benefit (provision) for income taxes | 1.7 | (0.6) | 1.7 | (2.0) |
| Foreign currency translation, net | 53.3 | (49.6) | 21.8 | 35.0 |
| Hedge instruments: | | | | |
| Net change on interest rate swap | (63.6) | 2.0 | (68.9) | (2.7) |
| Benefit (provision) for income taxes | 15.9 | (0.5) | 17.2 | 0.7 |
| Hedge instruments, net | (47.7) | 1.5 | (51.7) | (2.0) |
| Available-for-sale securities: | | | | |
| Net unrealized gain (loss) | 0.1 | — | 0.1 | (0.1) |
| Benefit (provision) for income taxes | — | — | — | — |
| Available-for-sale securities, net | 0.1 | — | 0.1 | (0.1) |
| **Total other comprehensive income (loss), net of tax** | 5.7 | (48.2) | (29.8) | 32.8 |
| **Comprehensive income (loss)** | 77.6 | (362.6) | 201.8 | (167.5) |
| **Less: comprehensive income attributable to noncontrolling interests** | (3.3) | (3.9) | (12.2) | (10.6) |
| **Comprehensive income (loss) attributable to TransUnion** | $ 74.3 | $ (366.5) | $ 189.6 | $ (178.1) |

See accompanying notes to unaudited consolidated financial statements.

**TRANSUNION AND SUBSIDIARIES**
**Consolidated Statements of Cash Flows (Unaudited)**
(in millions)

| | Nine Months Ended September 30, | |
|---|---|---|
| | 2024 | 2023 |
| **Cash flows from operating activities:** | | |
| Net income (loss) | $ 231.6 | $ (200.3) |
| Less: Discontinued operations, net of tax | — | 0.7 |
| Income (loss) from continuing operations | 231.6 | (199.6) |
| Adjustments to reconcile net income (loss) to net cash provided by operating activities: | | |
| Depreciation and amortization | 400.5 | 391.1 |
| Goodwill impairment | — | 414.0 |
| Loss on repayment of loans | 2.6 | 3.0 |
| Deferred taxes | (94.1) | (101.3) |
| Stock-based compensation | 85.6 | 72.9 |
| Loss on early termination of lease | 40.5 | — |
| Other | 17.9 | 13.1 |
| Changes in assets and liabilities: | | |
| Trade accounts receivable | (88.9) | (104.2) |
| Other current and long-term assets | 31.4 | (42.4) |
| Trade accounts payable | 44.2 | 16.9 |
| Other current and long-term liabilities | (92.8) | (19.7) |
| **Cash provided by operating activities of continuing operations** | 578.5 | 443.8 |
| Cash used in operating activities of discontinued operations | — | (0.2) |
| **Cash provided by operating activities** | 578.5 | 443.6 |
| **Cash flows from investing activities:** | | |
| Capital expenditures | (198.7) | (213.2) |
| Proceeds from sale/maturities of other investments | — | 63.9 |
| Purchases of other investments | — | (43.7) |
| Investments in nonconsolidated affiliates | (5.9) | (36.9) |
| Proceeds from the sale of investments in nonconsolidated affiliates | 3.8 | — |
| Payment related to disposal of discontinued operations | — | (0.5) |
| Other | 5.7 | (0.1) |
| **Cash used in investing activities** | (195.1) | (230.5) |
| **Cash flows from financing activities:** | | |
| Proceeds from term loans | 934.9 | — |
| Repayments of term loans | (927.9) | — |
| Repayments of debt | (141.0) | (310.9) |
| Debt financing fees | (13.5) | — |
| Proceeds from issuance of common stock and exercise of stock options | 24.5 | 23.1 |
| Dividends to shareholders | (61.7) | (61.4) |
| Employee taxes paid on restricted stock units recorded as treasury stock | (30.1) | (17.6) |
| Distributions to noncontrolling interests | (4.7) | (8.5) |
| **Cash used in financing activities** | (219.5) | (375.3) |
| Effect of exchange rate changes on cash and cash equivalents | 3.1 | (2.2) |
| Net change in cash and cash equivalents | 167.0 | (164.4) |
| Cash and cash equivalents, beginning of period | 476.2 | 585.3 |
| **Cash and cash equivalents, end of period** | $ 643.2 | $ 420.9 |

See accompanying notes to unaudited consolidated financial statements.

**TRANSUNION AND SUBSIDIARIES**
**Consolidated Statements of Stockholders' Equity (Unaudited)**
(in millions)

| | Common Stock | | Paid-In Capital | Treasury Stock | Retained Earnings | Accumulated Other Comprehensive Loss | Noncontrolling Interests | Total |
|---|---|---|---|---|---|---|---|---|
| | Shares | Amount | | | | | | |
| Balance, December 31, 2022 | 192.7 | $ 2.0 | $ 2,290.3 | $ (284.5) | $ 2,446.6 | $ (284.5) | $ 99.5 | $ 4,269.4 |
| Net income | — | — | — | — | 52.6 | — | 4.3 | 56.9 |
| Other comprehensive income | — | — | — | — | — | 2.3 | (0.6) | 1.7 |
| Stock-based compensation | — | — | 20.7 | — | — | — | — | 20.7 |
| Employee share purchase plan | 0.2 | — | 10.7 | — | — | — | — | 10.7 |
| Exercise of stock options | 0.1 | — | 0.5 | — | — | — | — | 0.5 |
| Vesting of restricted stock units and performance stock units | 0.3 | — | — | — | — | — | — | — |
| Treasury stock purchased | (0.1) | — | — | (7.6) | — | — | — | (7.6) |
| Dividends to shareholders | — | — | — | — | (20.8) | — | — | (20.8) |
| Balance, March 31, 2023 | 193.2 | $ 2.0 | $ 2,322.3 | $ (292.1) | $ 2,478.4 | $ (282.2) | $ 103.2 | $ 4,331.5 |
| Net income | — | — | — | — | 53.9 | — | 3.3 | 57.2 |
| Other comprehensive income | — | — | — | — | — | 79.6 | (0.4) | 79.2 |
| Distributions to noncontrolling interests | — | — | — | — | — | — | (5.9) | (5.9) |
| Stock-based compensation | — | — | 23.0 | — | — | — | — | 23.0 |
| Exercise of stock options | — | — | 0.1 | — | — | — | — | 0.1 |
| Vesting of restricted stock units and performance stock units | 0.1 | — | — | — | — | — | — | — |
| Treasury stock purchased | — | — | — | (2.3) | — | — | — | (2.3) |
| Dividends to shareholders | — | — | — | — | (20.8) | — | — | (20.8) |
| Balance, June 30, 2023 | 193.3 | $ 2.0 | $ 2,345.3 | $ (294.4) | $ 2,511.5 | $ (202.6) | $ 100.2 | $ 4,462.0 |
| Net loss | — | — | — | — | (318.8) | — | 4.3 | (314.4) |
| Other comprehensive loss | — | — | — | — | — | (47.8) | (0.4) | (48.2) |
| Distributions to noncontrolling interests | — | — | — | — | — | — | (2.6) | (2.6) |
| Stock-based compensation | — | — | 25.5 | — | — | — | — | 25.5 |
| Employee share purchase plan | 0.2 | — | 15.8 | — | — | — | — | 15.8 |
| Vesting of restricted stock units and performance stock units | 0.3 | — | — | — | — | — | — | — |
| Treasury stock purchased | (0.1) | — | — | (7.8) | — | — | — | (7.8) |
| Dividends to shareholders | — | — | — | — | (20.5) | — | — | (20.5) |
| Balance, September 30, 2023 | 193.7 | $ 2.0 | $ 2,386.6 | $ (302.2) | $ 2,172.3 | $ (250.4) | $ 101.6 | $ 4,109.9 |

| | Common Stock | | Paid-In Capital | Treasury Stock | Retained Earnings | Accumulated Other Comprehensive Loss | Noncontrolling Interests | Total |
|---|---|---|---|---|---|---|---|---|
| | Shares | Amount | | | | | | |
| Balance, December 31, 2023 | 193.8 | $ 2.0 | $ 2,412.9 | $ (302.9) | $ 2,157.1 | $ (260.9) | $ 97.3 | $ 4,105.5 |
| Net income | — | — | — | — | 65.1 | — | 4.9 | 70.0 |
| Other comprehensive loss | — | — | — | — | — | (1.9) | (0.3) | (2.2) |
| Stock-based compensation | — | — | 22.9 | — | — | — | — | 22.9 |
| Employee share purchase plan | 0.2 | — | 14.7 | — | — | — | — | 14.7 |
| Vesting of restricted stock units and performance stock units | 0.4 | — | — | — | — | — | — | — |
| Treasury stock purchased | (0.1) | — | — | (10.6) | — | — | — | (10.6) |
| Dividends to shareholders | — | — | — | — | (23.1) | — | — | (23.1) |
| Balance, March 31, 2024 | 194.3 | $ 2.0 | $ 2,450.5 | $ (313.5) | $ 2,199.1 | $ (262.8) | $ 101.9 | $ 4,177.2 |
| Net income | — | — | — | — | 85.0 | — | 4.7 | 89.7 |
| Other comprehensive loss | — | — | — | — | — | (33.0) | (0.3) | (33.3) |
| Distributions to noncontrolling interests | — | — | — | — | — | — | (3.8) | (3.8) |
| Stock-based compensation | — | — | 26.4 | — | — | — | — | 26.4 |
| Treasury stock purchased | — | — | — | (0.8) | — | — | — | (0.8) |
| Dividends to shareholders | — | — | — | — | (18.1) | — | — | (18.1) |
| Balance, June 30, 2024 | 194.3 | $ 2.0 | $ 2,476.9 | $ (314.3) | $ 2,266.0 | $ (295.8) | $ 102.4 | $ 4,237.2 |
| Net income | — | — | — | — | 68.0 | — | 3.9 | 71.9 |
| Other comprehensive income | — | — | — | — | — | 6.3 | (0.6) | 5.7 |
| Distributions to noncontrolling interests | — | — | — | — | — | . | (0.9) | (0.9) |
| Stock-based compensation | — | — | 32.7 | — | — | — | — | 32.7 |
| Employee share purchase plan | 0.2 | — | 14.4 | — | — | — | — | 14.4 |
| Exercise of stock options | — | — | 0.3 | — | — | — | — | 0.3 |
| Vesting of restricted stock units and performance stock units | 0.6 | — | — | — | — | — | — | — |
| Treasury stock purchased | (0.2) | — | — | (18.7) | — | — | — | (18.7) |
| Dividends to shareholders | — | — | — | — | (21.4) | — | — | (21.4) |
| Balance, September 30, 2024 | 194.9 | $ 2.0 | $ 2,524.3 | $ (333.0) | $ 2,312.6 | $ (289.5) | $ 104.8 | $ 4,321.2 |

See accompanying notes to unaudited consolidated financial statements.

**TRANSUNION AND SUBSIDIARIES**
**Notes to Unaudited Consolidated Financial Statements**
(Tabular amounts in millions, except per share amounts)

## 1. Significant Accounting and Reporting Policies

### *Basis of Presentation*

The accompanying unaudited Condensed Consolidated Financial Statements of TransUnion and subsidiaries have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP") for interim financial statements and, in our opinion, include all adjustments of a normal recurring nature necessary for a fair statement of the interim periods presented. All intercompany transactions and balances have been eliminated. As a result of displaying amounts in millions, rounding differences may exist in the financial statements and footnote tables. The interim results presented are not necessarily indicative of the results that may be expected for the full year ending December 31, 2024. The Company's Consolidated Balance Sheet data for the year ended December 31, 2023 was derived from audited financial statements. Therefore, these unaudited consolidated financial statements should be read in conjunction with our audited financial statements and related notes included in our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the Securities and Exchange Commission ("SEC") on February 28, 2024.

During the first quarter of 2024, we reorganized our operations to merge our Consumer Interactive operating segment with our U.S. Markets operating segment. This change aligns with our transformation plan for an integrated U.S. business with increased cross-selling activities and common enabling functions to achieve greater cost efficiencies. In addition, we changed the responsibility for certain international operations previously managed within the U.S. Markets segment to certain regions within the International segment.

As a result, we have two operating segments, U.S. Markets and International, which are consistent with our reportable segments, and reflect the structure of the Company's internal organization, the method by which the Company's resources are allocated and the manner in which the chief operating decision maker assesses the Company's performance.

The reporting of certain revenue from the acquisition of Argus Information and Advisory Services, Inc. and Commerce Signals, Inc. (collectively, "Argus"), which was previously reported within our Financial Services vertical, is now reported in Emerging Verticals in the U.S. Markets operating segment. While this change does not impact our operating segments, it does impact our disaggregated revenue disclosures.

We have recast our historical financial information presented in this Quarterly Report on Form 10-Q to reflect these changes and conform to our current operating structure.

Unless the context indicates otherwise, any reference in this report to the "Company," "we," "our," "us," and "its" refers to TransUnion and its consolidated subsidiaries, collectively.

For the periods presented, TransUnion does not have any material assets, liabilities, revenues, expenses or operations of any kind other than its ownership investment in TransUnion Intermediate Holdings, Inc.

### *Revision of Previously Issued Financial Statements*

During 2023, the Company identified errors in the classification of certain costs between cost of services and selling, general and administrative in the Consolidated Statements of Operations. The errors resulted in an understatement of cost of services and an overstatement of selling, general and administrative in equal and offsetting amounts to previously issued quarterly and year-to-date financial statements in 2023, with no impact to total operating expenses, operating income or net income, and no impact on the Consolidated Balance Sheets, Consolidated Statements of Comprehensive Income, Consolidated Statements of Cash Flows or the Consolidated Statements of Stockholder's Equity for any of those periods. The Company concluded that, while the expense classification errors were not material to any of its financial statements taken as a whole, it should revise the Consolidated Statements of Operations for the periods impacted. Accordingly, the Company has revised the previously issued Consolidated Statements of Operations for the three and nine months ended September 30, 2023 to correct for the errors as reflected in this Form 10-Q. A summary of the corrections to the impacted financial statement line items to the Company's previously issued Consolidated Statements of Operations for each affected period is presented in Note 19, "Revision of Previously Issued Financial Statements."

***Principles of Consolidation***

The consolidated financial statements of TransUnion include the accounts of TransUnion and all of its controlled subsidiaries. Investments in nonmarketable unconsolidated entities in which the Company is able to exercise significant influence are accounted for using the equity method. Investments in nonmarketable unconsolidated entities in which the Company is not able to exercise significant influence, our "Cost Method Investments," are accounted for at our initial cost, minus any impairment, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar investment of the same issuer.

***Use of Estimates***

The preparation of consolidated financial statements and related disclosures in accordance with GAAP requires management to make estimates and judgments that affect the amounts reported. We believe that the estimates used in preparation of the accompanying consolidated financial statements are reasonable, based upon information available to management at this time. These estimates and judgments affect the reported amounts of assets, liabilities and disclosure of contingent assets and liabilities at the balance sheet date, as well as the amounts of revenue and expense during the reporting period. Estimates are inherently uncertain and actual results could differ materially from the estimated amounts.

***Trade Accounts Receivable***

We base our allowance for doubtful accounts estimate on our historical loss experience, our current expectations of future losses, current economic conditions, an analysis of the aging of outstanding receivables and customer payment patterns, and specific reserves for customers in adverse financial condition or for existing contractual disputes.

The following is a roll-forward of the allowance for doubtful accounts for the periods presented:

| | Nine Months Ended September 30, | |
|---|---|---|
| | 2024 | 2023 |
| Beginning balance | $ 16.4 | $ 11.0 |
| Provision for losses on trade accounts receivable | 11.6 | 4.5 |
| Write-offs, net of recovered accounts | (9.8) | (0.4) |
| Ending balance | $ 18.2 | $ 15.1 |

***Recently Adopted Accounting Pronouncements***

There are no recent accounting pronouncements that have been adopted by TransUnion in the third quarter of 2024.

***Recent Accounting Pronouncements Not Yet Adopted***

On November 27, 2023, the FASB issued Accounting Standards Update ("ASU") 2023-07*, Segment Reporting (Topic 280), Improvements to Reportable Segment Disclosures*. This ASU updates the requirements for segment reporting to include, among other things, disaggregating and quantifying significant segment expenses that are regularly provided to the chief operating decision maker ("CODM") and included in the measure of segment profit, describing the nature of amounts not separately disaggregated, allowing for additional measures of a segment's profit or loss used by the CODM when deciding how to allocate resources, and extending nearly all annual segment reporting requirements to quarterly reporting requirements. The update is effective for annual periods for fiscal years beginning after December 15, 2023, and interim periods within fiscal years beginning after December 15, 2024, and requires retrospective application. The Company does not expect the adoption of the new guidance to have a material impact on its consolidated financial statements other than expanded footnote disclosure.

On December 14, 2023, the FASB issued ASU 2023-09, *Income Taxes (Topic 740), Improvements to Income Tax Disclosures*. This ASU requires income tax disclosures to include consistent categories and greater disaggregation of information in the rate reconciliations and the disaggregation of income taxes paid by federal, state and foreign, and also for individual jurisdictions that are greater than 5% of total income taxes paid. The update is effective for annual periods for fiscal years beginning after December 15, 2024 on a prospective basis. Early adoption is permitted. We are currently assessing the impact of adopting the updated provisions.

**2. Other Current Assets**

Other current assets consisted of the following:

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Prepaid expenses | $ 134.9 | $ 145.4 |
| Marketable securities (Note 15) | 2.8 | 2.7 |
| Other (Note 17) | 90.6 | 127.8 |
| Total other current assets | $ 228.2 | $ 275.9 |

The decrease in other is primarily due to cash received for indemnification and insurance receivables for certain legal matters.

**3. Goodwill**

Goodwill is allocated to our reporting units, which are an operating segment or one level below an operating segment. We test goodwill for impairment on an annual basis in the fourth quarter and monitor throughout the year for impairment triggering events that indicate that the carrying value of one or more of our reporting units exceeds its fair value.

As discussed above in Note 1, "Significant Accounting and Reporting Policies," we reorganized certain operations of our business during the first quarter of 2024, which resulted in changes to the expected cash flows for certain reporting units. As a result, we reallocated all of the goodwill from the Consumer Interactive segment to the U.S. Markets segment and also reallocated a portion of the goodwill from the U.S. Markets segment to certain reporting units in the International segment, including the United Kingdom reporting unit, using the relative fair value allocation approach as reflected in the tables below. We assessed the recoverability of the goodwill of the impacted reporting units before and after the reallocation and concluded there was no impairment to goodwill for any of the reporting units impacted by the reorganization. As of March 31, 2024, the fair value of our United Kingdom reporting unit was marginally greater than its carrying value as a result of the impairment recorded in the three months ended September 30, 2023, and the re-allocation of goodwill from the segment reorganization discussed above.

We believe the assumptions that we used in our impairment assessment for our United Kingdom reporting unit in the first quarter of 2024 are reasonable and consistent with assumptions that would be used by other marketplace participants. However, such assumptions are inherently uncertain, and a change in assumptions could change the estimated fair value of our United Kingdom reporting unit. Therefore, future impairments of our United Kingdom reporting unit could be required, which could be material to the consolidated financial statements.

Aside from the segment reorganization in the first quarter of 2024 discussed above, there have been no triggering events during the nine months ended September 30, 2024 that have required us to re-evaluate whether any of our reporting units were impaired.

Goodwill allocated to our reportable segments and changes in the carrying amount of goodwill during the nine months ended September 30, 2024, consisted of the following:

| | U.S. Markets | International | Consumer Interactive | Total |
|---|---|---|---|---|
| Balance, December 31, 2023 | $ 3,602.8 | $ 894.1 | $ 679.1 | $ 5,176.0 |
| Reallocation of goodwill from segment reorganization | 655.6 | 23.5 | (679.1) | — |
| Foreign exchange rate adjustment | 0.3 | 8.2 | — | 8.5 |
| Balance, September 30, 2024 | $ 4,258.7 | $ 925.8 | $ — | $ 5,184.5 |

The gross and net goodwill balances at each period were as follows:

| | September 30, 2024 | | | December 31, 2023 | | |
|---|---|---|---|---|---|---|
| | Gross Goodwill | Accumulated Impairment | Net Goodwill | Gross Goodwill | Accumulated Impairment | Net Goodwill |
| U.S Markets | $ 4,258.7 | $ — | $ 4,258.7 | $ 3,602.8 | $ — | $ 3,602.8 |
| International | 1,339.8 | (414.0) | 925.8 | 1,308.1 | (414.0) | 894.1 |
| Consumer Interactive | — | — | — | 679.1 | — | 679.1 |
| Total | $ 5,598.5 | $ (414.0) | $ 5,184.5 | $ 5,590.0 | $ (414.0) | $ 5,176.0 |

**4. Intangible Assets**

Intangible assets are initially recorded at their acquisition cost, at relative fair value if acquired as part of an asset acquisition, or at fair value if acquired as part of a business combination, and amortized over their estimated useful lives. Intangible assets consisted of the following:

| | September 30, 2024 | | | December 31, 2023 | | |
|---|---|---|---|---|---|---|
| | Gross | Accumulated Amortization | Net | Gross | Accumulated Amortization | Net |
| Customer relationships | $ 2,068.6 | $ (539.8) | $ 1,528.8 | $ 2,060.2 | $ (451.6) | $ 1,608.6 |
| Internal use software | 2,349.0 | (1,398.1) | 951.0 | 2,204.5 | (1,239.7) | 964.8 |
| Database and credit files | 1,395.7 | (907.4) | 488.3 | 1,372.2 | (829.2) | 543.0 |
| Trademarks, copyrights and patents | 587.6 | (200.0) | 387.7 | 587.7 | (188.8) | 398.9 |
| Noncompete and other agreements | 11.7 | (10.5) | 1.2 | 10.5 | (10.5) | — |
| Total intangible assets | $ 6,412.7 | $ (3,055.8) | $ 3,356.9 | $ 6,235.1 | $ (2,719.8) | $ 3,515.3 |

Changes in the carrying amount of intangible assets between periods consisted of the following:

| | Gross | Accumulated Amortization | Net |
|---|---|---|---|
| Balance, December 31, 2023 | $ 6,235.1 | $ (2,719.8) | $ 3,515.3 |
| Developed internal use software | 151.7 | — | 151.7 |
| Acquired intangible assets | 5.5 | — | 5.5 |
| Amortization | — | (334.4) | (334.4) |
| Disposals and retirements | (13.8) | 13.5 | (0.3) |
| Foreign exchange rate adjustment | 34.2 | (15.1) | 19.1 |
| Balance, September 30, 2024 | $ 6,412.7 | $ (3,055.8) | $ 3,356.9 |

All amortizable intangible assets are amortized on a straight-line basis, which approximates the pattern of benefit, over their estimated useful lives.

**5. Other Assets**

Other assets consisted of the following:

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Investments in affiliated companies (Note 6) | $ 292.3 | $ 291.4 |
| Right-of-use lease assets (Note 8) | 57.5 | 98.9 |
| Interest rate swaps (Notes 10 and 15) | 93.4 | 162.3 |
| Note receivable (Note 15) | 87.8 | 82.0 |
| Other | 130.1 | 104.8 |
| Total other assets | $ 661.1 | $ 739.4 |

Right-of-use lease assets decreased as a result of a lease termination during the three months ended September 30, 2024, see further discussion in Note 8, “Restructuring.”

**6. Investments in Affiliated Companies**

Investments in affiliated companies represent our investment in non-consolidated domestic and foreign entities. These entities are in businesses similar to ours.

For equity method investments, we adjust the carrying value for our proportionate share of the affiliates’ earnings, losses and distributions, as well as for purchases and sales of our ownership interest.

For our Cost Method Investments, we adjust the carrying value for any purchases or sales of our ownership interests, less any impairments, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar

investment of the same issuer. We record any dividends received from these investments as other income in non-operating income and expense.

We have elected to account for our investment in a limited partnership using the net asset value fair value practical expedient. Gains and losses on this investment are included in other income and expense in the Consolidated Statements of Operations.

Investments in affiliated companies consisted of the following:

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Cost Method Investments | $ 241.8 | $ 233.8 |
| Equity method investments | 46.8 | 53.9 |
| Limited partnership investment | 3.7 | 3.7 |
| Total investments in affiliated companies (Note 5) | $ 292.3 | $ 291.4 |

These balances are included in other assets in the Consolidated Balance Sheets. The increase in Cost Method Investments includes a $6.4 million gain on a Cost Method Investment in our International segment resulting from an observable price change for a similar investment of the same issuer.

Earnings from equity method investments, which are included in other non-operating income and expense, and dividends received from equity method investments consisted of the following:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Earnings from equity method investments (Note 16) | $ 4.7 | $ 3.7 | $ 14.0 | $ 11.7 |
| Dividends received from equity method investments | — | — | 15.6 | 17.2 |

**7. Other Current Liabilities**

Other current liabilities consisted of the following:

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Accrued payroll and employee benefits | $ 212.8 | $ 216.2 |
| Accrued legal and regulatory matters (Note 17) | 110.5 | 147.8 |
| Deferred revenue (Note 12) | 134.3 | 125.1 |
| Accrued restructuring (Note 8) | 23.0 | 64.9 |
| Operating lease liabilities (Note 8) | 23.2 | 26.2 |
| Income taxes payable | 19.4 | 10.2 |
| Other | 86.6 | 71.5 |
| Total other current liabilities | $ 609.8 | $ 661.8 |

**8. Restructuring**

On November 12, 2023, our Board of Directors (“Board”) approved a transformation plan to optimize our operating model and continue to advance our technology. The transformation plan includes an operating model optimization program that will eliminate certain roles, transition certain job responsibilities to global capability centers, and reduce our facility footprint. The Company expects to record pre-tax expenses associated with the operating model optimization program of approximately $155.0 million from the fourth quarter of 2023 through the end of 2025, consisting of approximately $110.0 million of employee separation expenses and $45.0 million of facility exit expenses, with a majority of the expenses to be incurred by the end of 2024. To date, we have incurred a total of $142.1 million, including $66.8 million recorded in the first nine months of 2024.

In July 2024, as part of the transformation plan, the Company entered into an agreement to terminate a facility lease with an effective date of July 31, 2024. The Company accounted for the agreement as a modification to the existing lease. The termination of the lease resulted in the payment of a $30.0 million early termination penalty during the three months ended September 30, 2024. The Company recognized a loss on early termination of the lease of $40.5 million, which includes expense of $12.4 million principally associated with leasehold improvements in connection with terminating the lease.

The following table summarizes the expenses recorded in the three and nine months ended September 30, 2024.

| | Three Months Ended September 30, 2024 | Nine Months Ended September 30, 2024 |
|---|---|---|
| Employee separation | $ — | $ 24.7 |
| Facility exit | 40.5 | 42.1 |
| Total restructuring expenses | $ 40.5 | $ 66.8 |

The following table summarizes the changes in accrued restructuring during the nine months ended September 30, 2024, which are included in other current liabilities on the Consolidated Balance Sheets.

| | Employee Separation Costs |
|---|---|
| Balance, December 31, 2023 | $ 64.9 |
| Restructuring expense | 24.7 |
| Cash payments | (66.5) |
| Foreign exchange rate adjustment | (0.1) |
| Balance, September 30, 2024 (Note 7) | $ 23.0 |

All restructuring expenses have been recorded in the Corporate unit, as these initiatives are predominantly centrally directed and controlled and are not included in internal measures of segment operating performance.

**9. Other Liabilities**

Other liabilities consisted of the following:

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Operating lease liabilities (Note 8) | $ 43.0 | $ 81.8 |
| Unrecognized tax benefits, net of indirect tax effects (Note 14) | 43.2 | 40.2 |
| Deferred revenue (Note 12) | 16.2 | 15.1 |
| Other | 17.8 | 16.1 |
| Total other liabilities | $ 120.2 | $ 153.2 |

Operating lease liabilities decreased as a result of a lease termination during the nine months ended September 30, 2024, see further discussion in Note 8, “Restructuring.”

**10. Debt**

Debt outstanding consisted of the following:

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Senior Secured Term Loan B-5, due in full at maturity (November 15, 2026), with periodic variable interest at Term SOFR plus a credit spread adjustment, or alternate base rate, plus applicable margin (6.70% at September 30, 2024 and 7.21% at December 31, 2023), net of original issue discount and deferred financing fees of $0.3 million and $1.0 million, respectively, at September 30, 2024, and of $1.9 million and $4.6 million, respectively, at December 31, 2023 | $ 573.2 | $ 2,179.4 |
| Senior Secured Term Loan A-4, payable in quarterly installments through June 24, 2029, with periodic variable interest at Term SOFR plus a credit spread adjustment (until the refinancing on June 24, 2024), or alternate base rate, plus applicable margin (6.35% at September 30, 2024 and 6.96% at December 31, 2023), net of original issue discount and deferred financing fees of $0.4 million and $3.5 million, respectively, at September 30, 2024, and of $0.4 million and $3.4 million, respectively, at December 31, 2023 | 1,279.9 | 1,296.1 |
| Senior Secured Term Loan B-8, payable in quarterly installments through June 24, 2031, with periodic variable interest at Term SOFR, or alternate base rate, plus applicable margin (6.60% at September 30, 2024), net of original issue discount and deferred financing fees of $4.2 million and $5.4 million, respectively, at September 30, 2024 | 1,486.6 | — |
| Senior Secured Term Loan B-7, payable in quarterly installments through December 1, 2028, with periodic variable interest at Term SOFR, or alternate base rate, plus applicable margin (6.85% at September 30, 2024), net of original issue discount and deferred financing fees of $7.1 million and $16.7 million, respectively, at September 30, 2024 | 1,861.7 | — |
| Senior Secured Term Loan B-6, refinanced with B-7 loans, with periodic variable interest at Term SOFR plus a credit spread adjustment, or alternate base rate, plus applicable margin (7.72% at December 31, 2023) and original issue discount and deferred financing fees of $3.5 million and $20.0 million, respectively, at December 31, 2023 | — | 1,864.8 |
| Finance leases | — | 0.1 |
| Senior Secured Revolving Credit Facility | — | — |
| Total debt | 5,201.4 | 5,340.4 |
| Less short-term debt and current portion of long-term debt | (66.5) | (89.6) |
| Total long-term debt | $ 5,134.9 | $ 5,250.8 |

***Senior Secured Credit Facility***

On June 15, 2010, we entered into a Senior Secured Credit Facility with various lenders. This facility has been amended several times and currently consists of the Senior Secured Term Loan B-8, Senior Secured Term Loan B-7, Senior Secured Term Loan B-5, Senior Secured Term Loan A-4 (collectively, the "Senior Secured Term Loans"), and the Senior Secured Revolving Credit Facility.

On October 27, 2023, we executed Amendment No. 21 to the Senior Secured Credit Facility, pursuant to which we entered into Senior Secured Term Loan A-4 with an aggregate principal amount of $1.3 billion, the proceeds of which were used to repay Senior Secured Term Loan A-3 in full, repay $300.0 million of Senior Secured Term Loan B-6, and pay the related financing fees and expenses. In addition, we increased the borrowing capacity on the Senior Secured Revolving Credit Facility from $300.0 million to $600.0 million and extended the maturity date from December 10, 2024 to October 27, 2028.

On February 8, 2024, we executed Amendment No. 22 to the Senior Secured Credit Facility, pursuant to which we entered into Senior Secured Term Loan B-7 with an aggregate principal amount of $1.9 billion, the proceeds of which were used to repay Senior Secured Term Loan B-6 in full and pay the related financing fees and expenses. In connection with the refinancing, we incurred incremental deferred financing fees of $4.7 million that will be amortized over the new loan term. Senior Secured Term Loan B-7 is a syndicated debt instrument. As a result of the refinancing, we repaid $257.1 million of principal to exiting lenders and to lenders where the refinancing resulted in a reduction in principal and received $264.1 million of proceeds from new lenders and additional principal from existing lenders.

On June 24, 2024, we executed Amendment No. 23 to the Senior Secured Credit Facility, pursuant to which we entered into Senior Secured Term Loan B-8 with an aggregate principal amount of $1.5 billion, the proceeds of which were used to repay a portion of Senior Secured Term Loan B-5. The maturity date of the Senior Secured Credit Facility and Senior Secured Term Loan A-4 were also extended from October 27, 2028 to June 24, 2029, subject to a springing maturity of 91 days prior to the

maturity date of certain long-term indebtedness, if, on such date, the principal amount of such indebtedness exceeds $250 million, and the credit spread adjustment was removed from the periodic interest rate for both instruments. In connection with the refinancing, we incurred incremental deferred financing fees of $8.7 million that will be amortized over the new loan terms. Senior Secured Term Loan B-8 is a syndicated debt instrument. As a result of the refinancing, we repaid $670.8 million of principal to exiting lenders and to lenders where the refinancing resulted in a reduction in principal and received $670.8 million of proceeds from new lenders and additional principal from existing lenders.

In connection with these refinancings, during the nine months ended September 30, 2024, we expensed $8.9 million of the unamortized original issue discount, deferred financing fees, and other related fees to other income and expense in the Consolidated Statements of Operations.

During the three and nine months ended September 30, 2024, we prepaid $25.0 million and $105.0 million, respectively, of our Senior Secured Term Loan B-5, funded from cash-on-hand, and expensed $0.1 million and $0.3 million, respectively, of the unamortized original issue discount and deferred financing fees, to other income and expense in the Consolidated Statements of Operations.

During the three and nine months ended September 30, 2023, we prepaid $75.0 million and $225.0 million, respectively, of our Senior Secured Term Loan B-6, funded from cash-on-hand. As a result, we expensed $1.0 million and $3.1 million, respectively, of the unamortized original issue discount and deferred financing fees to other income and expense in our Consolidated Statements of Operations.

As of September 30, 2024, we had no outstanding balance under the Senior Secured Revolving Credit Facility and $1.2 million of outstanding letters of credit, and could have borrowed up to the remaining $598.8 million available.

TransUnion also has the ability to request incremental loans on the same terms under the Senior Secured Credit Facility up to the sum of the greater of $1,000.0 million and 100% of Consolidated EBITDA, minus the amount of secured indebtedness and the amount incurred prior to the incremental loan, and may incur additional incremental loans so long as the senior secured net leverage ratio does not exceed 4.25-to-1, subject to certain additional conditions and commitments by existing or new lenders to fund any additional borrowings.

With certain exceptions, the Senior Secured Credit Facility obligations are secured by a first-priority security interest in substantially all of the assets of Trans Union LLC, including its investment in subsidiaries. The Senior Secured Credit Facility contains various restrictions and nonfinancial covenants, along with a senior secured net leverage ratio test. The nonfinancial covenants include restrictions on dividends, investments, dispositions, future borrowings and other specified payments, as well as additional reporting and disclosure requirements. The senior secured net leverage test must be met as a condition to incur additional indebtedness, make certain investments, and may be required to make certain restricted payments. The senior secured net leverage ratio must not exceed 5.5-to-1 at any such measurement date. Under the terms of the Senior Secured Credit Facility, TransUnion may make dividend payments up to the greater of $100 million or 10.0% of Consolidated EBITDA per year, or an unlimited amount provided that no default or event of default exists and so long as the total net leverage ratio does not exceed 4.75-to-1. As of September 30, 2024, we were in compliance with all debt covenants.

***Interest Rate Hedging***

In September 2024, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loan or similar replacement debt. The swaps commence on December 31, 2024, and expire on December 31, 2027, with a current aggregate notional amount of $400.0 million that amortizes each quarter beginning in the first quarter 2025. The swaps require us to pay fixed rates varying between 3.0650% and 3.1495% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

On November 16, 2022, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loan or similar replacement debt. The swaps commenced on December 30, 2022, and expire on December 31, 2024, with a current aggregate notional amount of $1,285.0 million that amortizes each quarter. The swaps require us to pay fixed rates varying between 4.3380% and 4.3870% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

On December 23, 2021, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loan or similar replacement debt. The swaps commenced on December 31, 2021, and expire on December 31, 2026, with a current aggregate notional amount of $1,556.0 million that amortizes each quarter. The swaps require us to pay fixed rates varying between 1.3800% and 1.3915% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

On March 10, 2020, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loans or similar replacement debt. The swaps commenced on June 30, 2022, and expire on June 30, 2025, with a current aggregate notional amount of $1,065.0 million that amortizes each quarter. The swaps require us to pay fixed rates varying between 0.8680% and 0.8800% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

The net change in the fair value of our hedging instruments included in our assessment of hedge effectiveness is recorded in other comprehensive income, and is reclassified to interest expense when the corresponding hedged interest affects earnings. The table below summarizes the changes in our hedging instruments and the impact on other comprehensive income.

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Net gain / (loss) on fair value of swaps recorded to other comprehensive income, gross | $ (63.6) | $ 2.0 | $ (68.9) | $ (2.7) |
| Net gain / (loss) on fair value of swaps recorded to other comprehensive income, net of tax | (47.7) | 1.5 | (51.7) | (2.0) |
| Gain on swaps reclassified to interest expense, gross | 30.9 | 30.8 | 92.8 | 81.1 |
| Gain on swaps reclassified to interest expense, net of tax recorded to income tax expense | 23.2 | 23.1 | 69.6 | 60.9 |

We expect to recognize a gain of approximately $77.2 million as a reduction to interest expense due to our expectation that the variable rate that we receive will exceed the fixed rates of interest over the next twelve months.

***Fair Value of Debt***

The fair values of our variable-rate term loans are determined using Level 2 inputs, based on quoted market prices for the publicly traded instruments. All fair value amounts in the table below, as of the indicated dates, exclude original issue discounts and deferred fees.

| | September 30, 2024 | December 31, 2023 |
|---|---|---|
| Fair value of Senior Secured Term Loan B-5 | $ 568.0 | $ 2,191.5 |
| Fair value of Senior Secured Term Loan A-4 | 1,262.9 | 1,291.9 |
| Fair value of Senior Secured Term Loan B-8 | 1,495.3 | — |
| Fair value of Senior Secured Term Loan B-7 | 1,886.7 | — |
| Fair value of Senior Secured Term Loan B-6 | — | 1,895.1 |
| Fair value of Senior Secured Term Loans | $ 5,212.9 | $ 5,378.5 |

## 11. Stockholders' Equity

### *Common Stock Dividends*

In the first, second and third quarter of 2024, we paid dividends of $0.105 per share totaling $20.8 million, $20.4 million and $20.9 million, respectively. In the first, second and third quarters of 2023, we paid dividends of $0.105 per share totaling $20.8 million, $20.8 million, and $20.5 million, respectively. Dividends declared accrue to outstanding restricted stock units and are paid to employees as dividend equivalents when the restricted stock units vest.

Any determination to pay dividends in the future will be at the discretion of our Board and will depend on a number of factors, including our liquidity, results of operations, financial condition, contractual restrictions, restrictions imposed by applicable law and other factors our Board deems appropriate. We currently have capacity and intend to continue to pay a quarterly dividend, subject to approval by our Board.

### *Treasury Stock*

On February 13, 2017, our Board authorized the repurchase of up to $300.0 million of our common stock over the next 3 years. Our Board removed the three-year time limitation on February 8, 2018. To date, we have repurchased $133.5 million of our common stock and have the ability to repurchase the remaining $166.5 million.

We have no obligation to repurchase additional shares. Any determination to repurchase additional shares will be at the discretion of management and will depend on a number of factors, including our liquidity, results of operations, financial condition, contractual restrictions, restrictions imposed by applicable law, market conditions, the cost of repurchasing shares, the availability of alternative investment opportunities, and other factors management deems appropriate. Any repurchased shares will have the status of treasury shares and may be used, if and when needed, for general corporate purposes.

For the three months ended September 30, 2024 and 2023, 0.6 million and 0.3 million outstanding employee restricted stock units vested and became taxable to the employees, respectively. For the nine months ended September 30, 2024 and 2023, 1.0 million and 0.7 million outstanding employee restricted stock units vested and became taxable to the employees, respectively. Employees satisfy their payroll tax withholding obligations in a net share settlement arrangement with the Company that is recorded as treasury stock.

### *Preferred Stock*

As of September 30, 2024 and December 31, 2023, we had 100.0 million shares of preferred stock authorized, and no preferred stock issued or outstanding.

## 12. Revenue

We have contracts with two general groups of performance obligations: Stand Ready Performance Obligations and Other Performance Obligations. Our Stand Ready Performance Obligations include obligations to stand ready to provide data, process transactions, access our databases, software-as-a-service and direct-to-consumer products, provide rights to use our intellectual property and other services. Our Other Performance Obligations include the sale of certain batch data sets and various professional and other services.

Most of our Stand Ready Performance Obligations consist of a series of distinct goods and services that are substantially the same and have the same monthly pattern of transfer to our customers. We consider each month of service in this time series to be a distinct performance obligation and, accordingly, recognize revenue over time. For a majority of these Stand Ready Performance Obligations, the total contractual price is variable because our obligation is to process an unknown quantity of transactions, as and when requested by our customers, over the contract period. We allocate the variable price to each month of service using the time-series concept and recognize revenue based on the most likely amount of consideration to which we will be entitled**,** which is generally the amount we have the right to invoice. This monthly amount can be based on the actual volume of units delivered or a guaranteed minimum, if higher. Occasionally we have contracts where the amount we will be entitled to for the transactions processed is uncertain, in which case we estimate the revenue based on what we consider to be the most likely amount of consideration we will be entitled to and adjust any estimates as facts and circumstances evolve.

For all contracts that include a Stand Ready Performance Obligation with variable pricing, we are unable to estimate the variable price attributable to future performance obligations because the number of units to be purchased is not known. As a result, we use the exception available to forgo disclosures about revenue attributable to the future performance obligations where we recognize revenue using the time-series concept as discussed above, including those qualifying for the right to invoice practical expedient. We also use the exception available to forgo disclosures about revenue attributable to contracts with expected durations of one year or less.

Certain of our Other Performance Obligations, including certain batch data sets and certain professional and other services, are delivered at a point in time. Accordingly, we recognize revenue upon delivery once we have satisfied that obligation. For certain Other Performance Obligations, including certain professional and other services, we recognize revenue over time, based on an estimate of progress towards completion of that obligation. These contracts are not material.

In certain circumstances we apply the revenue recognition guidance to a portfolio of contracts with similar characteristics. We use estimates and assumptions when accounting for a portfolio that reflect the size and composition of the portfolio of contracts.

Our contracts include standard commercial payment terms generally acceptable in each region, and do not include financing with extended payment terms. We have no significant obligations for refunds, warranties, or similar obligations. Our revenue does not include taxes collected from our customers.

Accounts receivable are shown separately on our balance sheet. Contract assets and liabilities result due to the timing of revenue recognition, billings and cash collections. Contract assets include our right to payment for goods and services already transferred to a customer when the right to payment is conditional on something other than the passage of time, for example, contracts pursuant to which we recognize revenue over time but do not have a contractual right to payment until we complete the contract. Contract assets are included in our other current assets and are not material as of September 30, 2024 and December 31, 2023.

As most of our contracts with customers have a duration of one year or less, our contract liabilities consist of deferred revenue that is primarily short-term in nature. Contract liabilities include current and long-term deferred revenue that is included in other current liabilities and other liabilities. We expect to recognize the December 31, 2023 current deferred revenue balance as revenue during 2024. The majority of our long-term deferred revenue, which is not material, is expected to be recognized in less than two years.

We have certain contracts that have a duration of more than one year. For these contracts, the transaction price allocable to the future performance obligations is primarily fixed but contains a variable component. As of September 30, 2024, the aggregate amount of transaction price attributable to future performance obligations for long-term, non-cancelable contracts, excluding variable components, totals approximately $670 million. We expect to recognize approximately 55% of this amount in the twelve months ending September 30, 2025, 30% in the twelve months ending September 30, 2026 and 15% thereafter.

For additional disclosures about the disaggregation of our revenue see Note 16, “Reportable Segments.”

**13. Earnings Per Share**

Basic earnings per share represents income available to common stockholders divided by the weighted-average number of common shares outstanding during the reported period. Diluted earnings per share reflects the effect of the increase in shares outstanding determined by using the treasury stock method for awards issued under our incentive stock plans.

As of September 30, 2024 and 2023, there were less than 0.1 million and 1.3 million anti-dilutive weighted stock-based awards outstanding, respectively. As of September 30, 2024 and 2023, there were approximately 0.2 million and 0.5 million, respectively, contingently-issuable performance-based stock awards outstanding that were excluded from the diluted earnings per share calculation, because the contingencies had not been met.

Income from continuing operations attributable to TransUnion and basic and diluted weighted average shares outstanding were as follows:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Income (loss) from continuing operations | $ 71.9 | $ (313.9) | $ 231.6 | $ (199.6) |
| Less: income from continuing operations attributable to noncontrolling interests | (3.9) | (4.3) | (13.4) | (11.9) |
| Income (loss) from continuing operations attributable to TransUnion | $ 68.0 | $ (318.3) | $ 218.2 | $ (211.5) |
| **Weighted-average shares outstanding:** | | | | |
| Basic | 194.6 | 193.4 | 194.3 | 193.3 |
| Dilutive impact of stock based awards | 2.4 | — | 2.0 | — |
| Diluted | 197.0 | 193.4 | 196.3 | 193.3 |

**14. Income Taxes**

For the three months ended September 30, 2024, we reported an effective tax rate of 25.7%, which was higher than the 21.0% U.S. federal corporate statutory rate primarily due to foreign withholding taxes, jurisdictional mix of income, and uncertain tax positions, partially offset by benefits from the research and development credit.

For the nine months ended September 30, 2024, we reported an effective tax rate of 22.9%, which was higher than the 21.0% U.S. federal corporate statutory rate primarily due to foreign withholding taxes, nondeductible expenses primarily in connection with executive compensation limitations and uncertain tax positions, partially offset by benefits from the research and development credit and the remeasurement of deferred taxes due to changes in state apportionment rates.

For the three and nine months ended September 30, 2023, we reported an effective tax rate of (7.6)% and (43.1)%, respectively, which was lower than the 21.0% U.S. federal corporate statutory rate primarily due to the impact of non-deductible goodwill impairment.

The gross amount of unrecognized tax benefits, which excludes indirect tax effects, was $48.5 million as of September 30, 2024, and $45.0 million as of December 31, 2023. The amounts that would affect the effective tax rate if recognized were $37.5 million as of September 30, 2024 and $34.5 million as of December 31, 2023. We classify interest and penalties as income tax expense in the Consolidated Statements of Operations and their associated liabilities as other liabilities in the Consolidated Balance Sheets. Interest and penalties on unrecognized tax benefits were $17.9 million as of September 30, 2024 and $14.0 million as of December 31, 2023. We are regularly audited by federal, state and foreign taxing authorities. Given the uncertainties inherent in the audit process, it is reasonably possible that certain audits could result in a significant increase or decrease in the total amounts of unrecognized tax benefits. An estimate of the range of the increase or decrease in unrecognized tax benefits due to audit results cannot be made at this time. Tax years 2009 and forward remain open for examination in some foreign jurisdictions, 2012 and forward for U.S. federal income tax purposes and 2015 and forward in some state jurisdictions.

**15. Fair Value**

The following table summarizes financial instruments measured at fair value, on a recurring basis, as of September 30, 2024:

| | Total | Level 1 | Level 2 | Level 3 |
|---|---|---|---|---|
| Assets | | | | |
| Interest rate swaps (Notes 5 and 10) | $ 93.4 | $ — | $ 93.4 | $ — |
| Note receivable (Note 5) | 87.8 | — | 87.8 | — |
| Available-for-sale marketable securities (Note 2) | 2.8 | — | 2.8 | — |
| Total | $ 184.0 | $ — | $ 184.0 | $ — |

The following table summarizes financial instruments measured at fair value, on a recurring basis, as of December 31, 2023:

| | Total | Level 1 | Level 2 | Level 3 |
|---|---|---|---|---|
| Assets | | | | |
| Interest rate swaps (Notes 5 and 10) | $ 162.3 | $ — | $ 162.3 | $ — |
| Note receivable (Note 5) | 82.0 | — | 82.0 | — |
| Available-for-sale marketable securities (Note 2) | 2.7 | — | 2.7 | — |
| Total | $ 247.0 | $ — | $ 247.0 | $ — |

Level 2 instruments consist of foreign exchange-traded corporate bonds, interest rate swaps and notes receivable. Foreign exchange-traded corporate bonds are available-for-sale debt securities valued at their current quoted prices. These securities mature between 2027 and 2033. Unrealized gains and losses on available-for-sale debt securities, which are not material, are included in other comprehensive income. The interest rate swaps fair values are determined using the market standard methodology of discounting the future expected net cash receipts or payments that would occur if variable interest rates rise above or fall below the fixed rates of the swaps. The variable interest rates used in the calculations of projected receipts on the swaps are based on an expectation of future interest rates derived from observable market interest rate curves and volatilities. As discussed in Note 10, “Debt,” there are three tranches of interest rate swaps. In December 2022, we sold the non-core businesses acquired in our acquisition of Verisk Financial Services (“VF”). A portion of the consideration was in the form of a $72.0 million note receivable. The note receivable accrues interest semiannually at a per annum rate of 10.6%; both the principal and accrued interest are payable at maturity. The note matures on June 30, 2025, subject to an option of the note issuer

to extend the maturity date for two successive terms of three months each, at an increased rate of interest at each extension, and is classified as long-term until there is certainty regarding the timing of repayment. The note was initially recorded at fair value of $70.3 million using an income approach for fixed income securities, where contractual cash flows were discounted to present value at a risk-adjusted rate of return in a lattice model framework. The fair value of the note is determined each period by applying the same approach, considering changes to the risk-adjusted rate of return given observed changes to the interest rate environment, market pricing of credit risk, and issuer-specific credit risk.

**16. Reportable Segments**

As discussed in Note 1, "Significant Accounting and Reporting Policies," during the first quarter of 2024, we reorganized our operations into two operating segments, U.S. Markets and International, and the Corporate unit, which provides support services to each of the segments. The Company's operating segments, which are consistent with its reportable segments, reflect the structure of the Company's internal organization, the method by which the Company's resources are allocated and the manner by which the CODM assesses the Company's performance. Our CODM uses the profit measure of Adjusted EBITDA, on both a consolidated and a segment basis, to allocate resources and assess performance of our segments. We use Adjusted EBITDA as our profit measure because it eliminates the impact of certain items that we do not consider indicative of operating performance, which is useful to compare operating results between periods. Our Board and executive management team also use Adjusted EBITDA as a compensation measure for both segment and corporate management under our incentive compensation plans. Adjusted EBITDA is also a measure frequently used by securities analysts, investors and other interested parties in their evaluation of the operating performance of companies similar to ours.

The segment financial information below has been recast to conform to our current operating structure as discussed in Note 1, "Significant Accounting and Reporting Policies" and Note 3, "Goodwill." The accounting policies of the segments are the same as described in Note 1, "Significant Accounting and Reporting Policies" and Note 12, "Revenue."

The following is a more detailed description of our reportable segments and the Corporate unit:

***U.S. Markets***

The U.S. Markets segment provides consumer reports, actionable insights and analytics to businesses and consumers. Businesses use our services to acquire customers, assess consumers' ability to pay for services, identify cross-selling opportunities, measure and manage debt portfolio risk, collect debt, verify consumer identities, mitigate fraud risk and respond to data breach events. Consumers use our services to manage their personal finances and take precautions against identity theft. We report disaggregated revenue of our U.S. Markets segment for Financial Services, Emerging Verticals and Consumer Interactive.

- ***Financial Services:*** The Financial Services vertical consists of our Consumer Lending, Mortgage, Auto and Card and Banking lines of business. Our Financial Services clients consist of most banks, credit unions, finance companies, auto lenders, mortgage lenders, FinTechs, and other consumer lenders in the United States. We also distribute our solutions through most major resellers, secondary market players and sales agents. Beyond traditional lenders, we work with a variety of credit arrangers, such as auto dealers and peer-to-peer lenders. We provide solutions across every aspect of the lending lifecycle; customer acquisition and engagement, fraud and ID management, retention and recovery. Our products are focused on mitigating risk and include credit reporting, credit marketing, analytics and consulting, identity verification and authentication and debt recovery solutions.
- ***Emerging Verticals:*** Emerging Verticals include Insurance, Tech, Retail and E-Commerce, Telecommunications, Media, Tenant & Employment Screening, Collections, and Public Sector. Our solutions in these verticals are also data-driven and address the entire customer lifecycle. We offer onboarding and transaction processing products, scoring and analytic products, marketing solutions, fraud and identity management solutions and customer retention solutions.
- ***Consumer Interactive:*** Consumer Interactive provides solutions that help consumers manage their personal finances and take precautions against identity theft. Services include paid and free credit reports, scores and freezes, credit monitoring, identity protection and resolution, and financial management for consumers. This vertical also provides solutions that help businesses respond to data breach events. Our products are provided through user-friendly online and mobile interfaces and are supported by educational content and customer support. Our Consumer Interactive vertical serves consumers through both direct and indirect channels.

***International***

The International segment provides services similar to our U.S. Markets segment to businesses in select regions outside the United States. Depending on the maturity of the credit economy in each country, services may include credit reports, analytics and solutions services, and other value-added risk management services. In addition, we have insurance, business and automotive databases in select geographies. These services are offered to customers in a number of industries including financial services, insurance, automotive, collections, and communications, and are delivered through both direct and indirect channels. The International segment also provides consumer services similar to those offered by our Consumer Interactive vertical in our U.S. Markets segment that help consumers proactively manage their personal finances and take precautions against identity theft.

We report disaggregated revenue of our International segment for the following regions: Canada, Latin America, the United Kingdom, Africa, India, and Asia Pacific.

***Corporate***

Corporate provides support services for each of the segments, holds investments, and conducts enterprise functions. Certain costs incurred in Corporate that are not directly attributable to one or more of the segments remain in Corporate. These costs are typically enterprise-level costs and are primarily administrative in nature.

Selected segment financial information and disaggregated revenue consisted of the following:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| **Gross Revenue:** | | | | |
| **U.S. Markets:** | | | | |
| Financial Services | $ 367.2 | $ 313.7 | $ 1,077.6 | $ 949.6 |
| Emerging Verticals | 307.2 | 297.3 | 913.1 | 877.9 |
| Consumer Interactive | 173.7 | 143.1 | 455.1 | 429.4 |
| **Total U.S. Markets** | $ 848.1 | $ 754.0 | $ 2,445.9 | $ 2,256.9 |
| | | | | |
| **International:** | | | | |
| Canada | $ 39.4 | $ 36.9 | $ 115.9 | $ 103.9 |
| Latin America | 33.5 | 31.2 | 100.9 | 90.2 |
| United Kingdom | 57.8 | 54.5 | 168.6 | 160.7 |
| Africa | 17.1 | 15.2 | 48.0 | 44.3 |
| India | 68.2 | 56.1 | 202.8 | 161.8 |
| Asia Pacific | 25.6 | 23.1 | 77.1 | 67.9 |
| **Total International** | $ 241.6 | $ 217.1 | $ 713.3 | $ 628.9 |
| | | | | |
| **Total revenue, gross** | $ 1,089.6 | $ 971.2 | $ 3,159.2 | $ 2,885.8 |
| | | | | |
| **Intersegment revenue eliminations:** | | | | |
| U.S. Markets | $ (2.8) | $ (1.0) | $ (7.4) | $ (4.6) |
| International | (1.9) | (1.5) | (4.8) | (4.3) |
| **Total intersegment eliminations** | $ (4.7) | $ (2.5) | $ (12.3) | $ (8.9) |
| **Total revenue as reported** | $ 1,085.0 | $ 968.7 | $ 3,147.0 | $ 2,876.9 |

A reconciliation of Segment Adjusted EBITDA to income from continuing operations before income taxes for the periods presented is as follows:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| U.S. Markets Adjusted EBITDA | $ 319.9 | $ 293.7 | $ 920.9 | $ 850.9 |
| International Adjusted EBITDA | 110.5 | 97.0 | 318.1 | 271.0 |
| Total | $ 430.4 | $ 390.6 | $ 1,239.0 | $ 1,121.9 |
| Adjustments to reconcile to income (loss) from continuing operations before income taxes: | | | | |
| Corporate expenses[1] | $ (36.7) | $ (34.5) | $ (110.6) | $ (104.3) |
| Net interest expense | (58.9) | (67.8) | (183.3) | (202.1) |
| Depreciation and amortization | (133.6) | (131.3) | (400.5) | (391.1) |
| Stock-based compensation | (33.8) | (27.0) | (85.7) | (73.3) |
| Goodwill impairment[2] | — | (414.0) | — | (414.0) |
| Mergers and acquisitions, divestitures and business optimization[3] | (7.3) | 6.0 | (17.1) | (24.5) |
| Accelerated technology investment[4] | (21.8) | (16.3) | (58.6) | (53.5) |
| Operating model optimization program[5] | (47.3) | — | (86.4) | — |
| Net other[6] | 2.0 | (1.8) | (9.7) | (10.6) |
| Net income attributable to non-controlling interests | 3.9 | 4.3 | 13.4 | 11.9 |
| Total adjustments | $ (333.6) | $ (682.3) | $ (938.4) | $(1,261.4) |
| **Income (loss) from continuing operations before income taxes** | $ 96.8 | $ (291.7) | $ 300.5 | $ (139.5) |

1. Certain costs that are not directly attributable to one or more of the segments remain in Corporate. These costs are typically enterprise-level costs and are primarily administrative in nature.
2. For the three and nine months ended September 30, 2023, we recorded a goodwill impairment of $414.0 million related to our United Kingdom reporting unit in our International segment.
3. Mergers and acquisitions, divestitures and business optimization expenses consist of costs associated with exploratory or executed strategic transactions.
4. Accelerated technology investment represents expenses incurred in connection with the transformation of our technology infrastructure.
5. Consists of restructuring expenses as presented on our Consolidated Statements of Operations and other business process optimization expenses.
6. Net other expenses consist primarily of other non-operating income and expenses, primarily comprised of deferred loan fee expense from debt prepayments and refinancing, currency remeasurement on foreign operations, and other debt financing expenses.

Earnings (loss) from equity method investments included in non-operating income and expense was as follows:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| U.S. Markets | $ — | $ (0.3) | $ 0.1 | $ 0.7 |
| International | 4.7 | 4.0 | 13.9 | 10.9 |
| Total (Note 6) | $ 4.7 | $ 3.7 | $ 14.0 | $ 11.7 |

**17. Contingencies**

**Legal and Regulatory Matters**

We are routinely named as defendants in, or parties to, various legal actions and proceedings relating to our current or past business operations. These actions generally assert claims for violations of federal or state credit reporting, consumer protection

or privacy laws, or common law claims related to the unfair treatment of consumers, and may include claims for substantial or indeterminate compensatory or punitive damages, or injunctive relief, and may seek business practice changes. We believe that most of these claims are either without merit or we have valid defenses to the claims, and we vigorously defend these matters or seek non-monetary or small monetary settlements, if possible. However, due to the uncertainties inherent in litigation, we cannot predict the outcome of each claim in each instance.

In the ordinary course of business, we also are subject to governmental and regulatory examinations, information-gathering requests, investigations and proceedings (both formal and informal), certain of which may result in adverse judgments, settlements, fines, penalties, injunctions or other relief. In connection with formal and informal investigations and inquiries by regulators, we sometimes receive civil investigative demands, requests, subpoenas and orders seeking documents, testimony, and other information in connection with various aspects of our activities.

In view of the inherent unpredictability of legal and regulatory matters, particularly where the damages sought are substantial or indeterminate or when the proceedings or investigations are in the early stages, we cannot determine with any degree of certainty the timing or ultimate resolution of legal and regulatory matters or the eventual loss, fines or penalties, if any, that may result from such matters. We establish reserves for legal and regulatory matters when those matters present loss contingencies that are both probable and can be reasonably estimated. However, for certain of the matters, we are not able to reasonably estimate our exposure because damages or penalties have not been specified and (i) the proceedings are in early stages, (ii) there is uncertainty as to the likelihood of a class being certified or the ultimate size of the class, (iii) there is uncertainty as to the outcome of similar matters pending against our competitors, (iv) there are significant factual issues to be resolved, and/or (v) there are legal issues of a first impression being presented. The actual costs of resolving legal and regulatory matters, however, may be substantially higher than the amounts reserved for those matters, and an adverse outcome in certain of these matters could have a material adverse effect on our consolidated financial statements in particular quarterly or annual periods. We accrue amounts for certain legal and regulatory matters for which losses were considered to be probable of occurring based on our best estimate of the most likely outcome. It is reasonably possible actual losses could be significantly different from our current estimates. In addition, there are some matters for which it is reasonably possible that a loss will occur, however we cannot estimate a range of the potential losses for these matters.

To reduce our exposure to an unexpected significant monetary award resulting from an adverse judicial decision, we maintain insurance that we believe is appropriate and adequate based on our historical experience. We regularly advise our insurance carriers of the claims, threatened or pending, against us in legal and regulatory matters and generally receive a reservation of rights letter from the carriers when such claims exceed applicable deductibles. We are not aware of any significant monetary claim that has been asserted against us, other than the matters with the Consumer Financial Protection Bureau (the "CFPB") referenced below, that would not have some level of coverage by insurance after the relevant deductible, if any, is met.

As of September 30, 2024 and December 31, 2023, we have accrued $110.5 million and $147.8 million, respectively, for legal and regulatory matters. These amounts were recorded in other accrued liabilities in the Consolidated Balance Sheets and the associated expenses were recorded in selling, general and administrative expenses in the Consolidated Statements of Operations. Legal fees incurred in connection with ongoing litigation are considered period costs and are expensed as incurred.

***CFPB Matters***

In June 2021, we received a Notice and Opportunity to Respond and Advise ("NORA") letter from the CFPB, informing us that the CFPB's Enforcement Division was considering whether to recommend that the CFPB take legal action against us and certain of our executive officers. The NORA letter alleged that we failed to comply with and timely implement a consent order issued by the CFPB in January 2017 (the "2017 Consent Order"), and further alleged additional violations related to Consumer Interactive's marketing practices. On September 27, 2021, the Enforcement Division advised us that it had obtained authority to pursue an enforcement action. On April 12, 2022, after failed settlement negotiations with the CFPB related to the matter, the CFPB filed a lawsuit against us, Trans Union LLC, TransUnion Interactive, Inc. (collectively, the "TU Entities") and the former President of Consumer Interactive, John Danaher, in the United States District Court for the Northern District of Illinois seeking restitution, civil money penalties, and injunctive relief, among other remedies, and alleging that the TU Entities violated the 2017 Consent Order, engaged in deceptive acts and practices in marketing the TransUnion Credit Monitoring product, failed to obtain signed written authorizations from consumers before debiting their bank accounts for the TransUnion Credit Monitoring product and diverted consumers from their free annual file disclosure into paid subscription products. The CFPB further alleges that Mr. Danaher violated the 2017 Consent Order and that we and Trans Union LLC provided substantial assistance to TransUnion Interactive, Inc. in violating the 2017 Consent Order and the law. We continue to believe that our marketing practices are lawful and appropriate and that we have been, and remain, in compliance with the 2017 Consent Order, and we will vigorously defend against allegations to the contrary in such proceedings. We continue to be in active litigation on this matter.

As of September 30, 2024 and December 31, 2023, we have accrued $56.0 million in connection with this matter and there is a reasonable possibility that a loss in excess of the amount accrued may be incurred, and such an outcome could have a material

adverse effect on our results of operations and financial condition. However, any possible loss or range of loss in excess of the amount accrued is not reasonably estimable at this time. In addition, we have and will continue to incur increased costs litigating this matter.

In March 2024, we received a NORA letter from the CFPB, informing us that the CFPB's Enforcement Division is considering whether to recommend that the CFPB take legal action against us related to our dispute handling practices and procedures. The NORA letter alleges that Trans Union LLC violated the Fair Credit Reporting Act's requirements to conduct a reasonable reinvestigation of disputed information and follow reasonable procedures to assure maximum possible accuracy of the information in consumer reports, and the Consumer Financial Protection Act's prohibition of unfair, deceptive, and abusive acts or practices. On July 12, 2024, the CFPB Enforcement Division advised us that it had obtained authority to pursue an enforcement action against us seeking specific injunctive relief provisions and civil money penalties. We are currently in discussions with the CFPB regarding this matter, including that our ability to make proposed changes to certain dispute handling processes is dependent on the participation of other consumer reporting agencies, data furnishers and industry participants. We cannot provide assurance that the CFPB will not ultimately commence a lawsuit against us in this matter, nor are we able to predict the likely outcome of this matter, which could have a material adverse effect on our results of operations and financial condition. We are not able to reasonably estimate our potential loss or range of loss related to this matter.

***Argus Department of Justice Matter***

We settled a matter with the civil division of the United States Attorney's Office for the Eastern District of Virginia. This matter pertained to alleged conduct, related to Argus's use of certain data it collected under certain government contracts, that commenced before our acquisition of VF, including Argus, in April 2022. Together with Verisk Analytics, Inc. (the "Seller"), we finalized a $37.0 million settlement (the "Settlement") with the Department of Justice ("DOJ"). Under the stock purchase agreement Trans Union LLC entered into with the Seller pursuant to which we acquired VF, including Argus, the Seller agreed to indemnify us for certain losses with respect to this matter, including all losses directly resulting from any settlement agreement with the DOJ in connection with this matter, including civil money penalties, remediation costs and fees and expenses. During the three months ended March 31, 2024, the Settlement was paid in full to the DOJ and the indemnification receivable was collected.

**18. Accumulated Other Comprehensive Loss**

The following tables set forth the changes in each component of accumulated other comprehensive loss, net of tax, as of September 30, 2024 and 2023:

| | Foreign Currency Translation Adjustment | Net Unrealized (Loss)/Gain On Hedges | Net Unrealized Gain/(Loss) On Available-for-sale Securities | Accumulated Other Comprehensive Loss |
|---|---|---|---|---|
| Balance, December 31, 2023 | $ (383.4) | $ 122.0 | $ 0.2 | $ (260.9) |
| Change | (10.2) | 8.3 | — | (1.9) |
| Balance, March 31, 2024 | $ (393.6) | $ 130.3 | $ 0.2 | $ (262.8) |
| Change | (20.7) | (12.3) | — | (33.0) |
| Balance, June 30, 2024 | $ (414.2) | $ 118.0 | $ 0.2 | $ (295.8) |
| Change | 53.9 | (47.7) | 0.1 | 6.3 |
| Balance, September 30, 2024 | $ (360.3) | $ 70.3 | $ 0.3 | $ (289.5) |

| | Foreign Currency Translation Adjustment | Net Unrealized (Loss)/Gain On Hedges | Net Unrealized Gain/(Loss) On Available-for-sale Securities | Accumulated Other Comprehensive Loss |
|---|---|---|---|---|
| Balance, December 31, 2022 | $ (463.5) | $ 178.6 | $ 0.2 | $ (284.5) |
| Change | 37.9 | (35.6) | — | 2.3 |
| Balance, March 31, 2023 | $ (425.6) | $ 143.0 | $ 0.2 | $ (282.2) |
| Change | 47.6 | 32.1 | (0.1) | 79.6 |
| Balance, June 30, 2023 | $ (378.0) | $ 175.1 | $ 0.1 | $ (202.6) |
| Change | (49.2) | 1.5 | — | (47.8) |
| Balance, September 30, 2023 | $ (427.2) | $ 176.6 | $ 0.1 | $ (250.4) |

**19. Revision of Previously Issued Financial Statements**

As discussed in Note 1, "Significant Accounting and Reporting Policies," the Company identified errors in the classification of certain expenses between cost of services and selling, general and administrative in the Consolidated Statements of Operations. A summary of the corrections to the impacted financial statement line items of the Company's previously issued Consolidated Statement of Operations filed in Amendment No. 1 to the Quarterly Report on Form 10-Q/A for the period ended September 30, 2023, are as follows:

| | Three Months Ended September 30, 2023 | | | Nine Months Ended September 30, 2023 | | |
|---|---|---|---|---|---|---|
| | As Reported | Adjustment | As Revised | As Reported | Adjustment | As Revised |
| Cost of services (exclusive of depreciation and amortization) | $ 344.8 | $ 24.0 | $ 368.8 | $ 1,073.2 | $ 63.6 | $ 1,136.8 |
| Selling, general and administrative | 314.8 | (24.0) | 290.8 | 931.3 | (63.6) | 867.7 |
| Total operating expenses | 1,205.0 | — | 1,205.0 | 2,809.6 | — | 2,809.6 |

## ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis of TransUnion's financial condition and results of operations is provided as a supplement to, and should be read in conjunction with, TransUnion's audited consolidated financial statements, the accompanying notes, "Risk Factors," and "Management's Discussion and Analysis of Financial Condition and Results of Operations" included in our Annual Report on Form 10-K for the year ended December 31, 2023, as well as the unaudited consolidated financial statements and the related notes presented in Part I, Item 1, of this Quarterly Report on Form 10-Q.

In addition to historical data, this discussion contains forward-looking statements about our business, operations and financial performance based on current expectations that involve risks, uncertainties and assumptions. Our actual results may differ materially from those discussed in the forward-looking statements as a result of various factors, including but not limited to those discussed in "Cautionary Notice Regarding Forward-Looking Statements," and Part II, Item 1A, "Risk Factors."

References in this discussion and analysis to the "Company," "we," "us," and "our" refer to TransUnion and its direct and indirect subsidiaries, including TransUnion Intermediate Holdings, Inc., collectively.

### Overview

TransUnion is a leading global information and insights company that makes trust possible between businesses and consumers, helping people around the world access opportunities that can lead to a higher quality of life. That trust is built on TransUnion's ability to deliver safe, innovative solutions with credibility and consistency. We call this Information for Good.

Grounded in our heritage as a credit reporting agency, we have built robust and accurate databases of information for a large portion of the adult population in the markets we serve. We use our identity resolution methodology to link and match our expanding high-quality datasets. We use this enriched data and analytics, combined with our expertise, to continuously develop more insightful solutions for our customers, all while maintaining compliance with global laws and regulations. Because of our work, organizations can better understand consumers in order to make more informed decisions, and earn consumer trust through great, personalized experiences, and the proactive extension of the right opportunities, tools and offers. In turn, we believe consumers can be confident that their data identities will result in better offers and opportunities.

We provide solutions that enable businesses to manage and measure credit risk, market to new and existing customers, verify consumer identities, mitigate fraud, and effectively manage call center operations. Businesses embed our solutions into their process workflows to deliver critical insights and enable effective actions. Consumers use our solutions to view their credit profiles, access analytical tools that help them understand and manage their personal financial information and take precautions against identity theft. We have deep domain expertise across a number of attractive industries, which we also refer to as verticals, including Financial Services, Emerging Verticals and Consumer Interactive. Emerging Verticals consists of Insurance, Tech, Retail and E-Commerce, Telecommunications, Media, Tenant & Employment Screening, Collections, and Public Sector. We have a global presence in over 30 countries and territories across North America, Latin America, Europe, Africa, India and Asia Pacific.

Our addressable market includes the global data and analytics market, which continues to grow as companies around the world increasingly recognize the benefits of data and analytics-based decision making, and as consumers recognize the important role that their data identities play in their ability to procure goods and services. There are several underlying trends supporting this market growth, including the proliferation of data, advances in technology and analytics that enable data to be processed more quickly and efficiently to provide business insights, and growing demand for these business insights across industries and geographies. Leveraging our established position as a leading provider of information and insights, we have grown our business by expanding the breadth and depth of our data, strengthening our analytics capabilities, expanding into complementary adjacent and vertical markets, deepening our solution suite in fraud mitigation and marketing, building out our geographic portfolio, investing in technology infrastructure, and enhancing our global operating model. As a result, we believe we are well positioned to expand our share within the markets we currently serve and capitalize on the larger data and analytics opportunity.

### Segments

As discussed in Part 1, Item 1, "Unaudited Consolidated Financial Statements - Notes to Unaudited Consolidated Financial Statements," Note 1, "Significant Accounting and Reporting Policies," during the first quarter of 2024, we reorganized our operations to merge our Consumer Interactive operating segment with our U.S. Markets operating segment in the first quarter of 2024. In addition, we changed the responsibility for certain international operations previously managed within the U.S. Markets segment to certain regions within the International segment. We now report two operating segments, U.S. Markets and International, which are consistent with our reportable segments, and reflect the structure of the Company's internal organization, the method by which the Company's resources are allocated and the manner by which the chief operating decision maker ("CODM") assesses the Company's performance. The reporting of certain revenue from the acquisition of Argus Information and Advisory Services, Inc. and Commerce Signals, Inc. (collectively, "Argus"), which was previously reported

within our Financial Services vertical, is now reported in Emerging Verticals in the U.S. Markets operating segment. While this change does not impact our operating segments, it does impact our disaggregated revenue disclosures. See Part I, Item 1 "Financial Information - Notes to Unaudited Consolidated Financial Statements," Note 16, "Reportable Segments" for additional information about our operating segments.

***U.S. Markets***

The U.S. Markets segment provides consumer reports, actionable insights and analytics to businesses and consumers. Businesses use our services to acquire customers, assess consumers' ability to pay for services, identify cross-selling opportunities, measure and manage debt portfolio risk, collect debt, verify consumer identities, mitigate fraud risk and respond to data breach events. Consumers use our services to manage their personal finances and take precautions against identity theft.

***International***

The International segment provides services similar to our U.S. Markets segment to businesses in select regions outside the United States. Depending on the maturity of the credit economy in each country, services may include credit reports, analytics and technology solutions services and other value-added risk management services. We also have insurance, business and automotive databases in select geographies. These services are offered to customers in a number of industries including financial services, retail credit, insurance, automotive, collections, public sector and communications, and are delivered through both direct and indirect channels. The International segment also provides consumer services similar to those offered by our Consumer Interactive vertical within our U.S. Markets segment that help consumers proactively manage their personal finances and take precautions against identity theft.

***Corporate***

Corporate provides support services for each of the segments, holds investments, and conducts enterprise functions. Certain costs incurred in Corporate that are not directly attributable to one or more of the segments remain in Corporate. These costs are typically enterprise-level costs and are primarily administrative in nature.

**Factors Affecting Our Results of Operations**

The following are certain key factors that affect, or have recently affected, our results of operations:

***Macroeconomic and Industry Trends***

Our revenues and results of operations have been and can be significantly influenced by general macroeconomic conditions, including but not limited to, interest rates, inflation, housing demand, the availability of credit and capital, employment levels, and consumer confidence.

During the first nine months of 2024, the U.S. economy and labor market remained resilient, with solid GDP growth, rising but still low unemployment, rising wages and subsiding inflation. The U.S. Federal Reserve maintained higher interest rates into September, which had the effect of slowing aggregate demand, resulting in slower jobs growth and a mild increase in unemployment levels. Higher interest rates have also slowed demand for consumer loans and auto loans, and have been more pronounced in the housing sector, where higher borrowing rates impact both home affordability, driving down purchase activity, and demand for mortgage loan refinancing. The slowdown in economic activity and job growth along with lower inflation prompted the U.S. Federal Reserve to begin lowering interest rates at the end of the third quarter of 2024, which could spur increased demand for rate-sensitive lending products, in particular mortgage loans, as well as renewed consumer confidence. The U.K. is beginning to show improvement driven by falling inflation and a resurgence in other economic indicators. Foreign central banks, including in Canada and Europe, have also begun to lower rates which we expect will increase demand for these rate-sensitive lending products. These dynamics impact the comparability of our results of operations, including our revenue and expense, between the periods presented below.

The ongoing uncertainty and the unpredictable nature of the macroeconomic environment could have a material adverse impact on various aspects of our business in the future, including our stock price, results of operations and financial condition, including the carrying value of our long-lived assets such as goodwill and intangible assets.

***Effects of Inflation***

We believe that inflation has had a negative impact on our business and results of operations, including decreased demand for our services resulting from the U.S. Federal Reserve and other central banks previously raising rates. The U.S. Federal Reserve and several international central banks have begun lowering interest rates in response to significant reductions in inflation levels, and have indicated that further interest rate reductions in the future are likely. However, rates that remain elevated relative to historic levels may result in depressed consumer spending on non-essential goods and services, and consequently lower demand for credit, which could have a material adverse impact on various aspects of our business in the future.

***Developments that Impact Comparability Between Periods***

The following developments impact the comparability of our balance sheets, results of operations and cash flows between periods:

On November 12, 2023, our Board of Directors ("Board") approved a transformation plan to optimize our operating model and continue to advance our technology. We expect to recognize one-time pre-tax expenses associated with this transformation plan of $355.0 to $375.0 million from the fourth quarter of 2023 through the completion of the transformation plan at the end of 2025, with the majority of costs to be incurred by the end of 2024. All pre-tax expenses will be cash expenditures, other than approximately $15.0 million of non-cash, facility exit costs. In addition, we now expect capital expenditures to be 8% of revenues in 2024, below our prior expectation of 9%, driven by more efficient spend throughout the year in addition to higher revenues, and remain at 8% in 2025 due to investment in our technology infrastructure in connection with this transformation plan. Upon completion of this plan, we expect to generate annual savings of $120.0 to $140.0 million and reduce our capital expenditures from 8% of revenue to 6%, based on 2023 revenue. The following summarizes initiatives under the transformation plan.

- The operating model optimization program will eliminate certain roles, transition certain job responsibilities to our Global Capability Centers, which we expect will improve productivity, reduce costs, fund growth, optimize business processes and reduce our facility footprint. We expect to incur total one-time, pre-tax expenses of $205.0 to $215.0 million, including employee separation expenses of approximately $110.0 million, facility exit expenses of approximately $45.0 million, and business optimization expenses of approximately $55.0 million.
- The incremental investment to advance our technology is the final phase of our accelerated technology investment. We expect to incur one-time, pre-tax expenses of $150.0 to $160.0 million, including approximately $65.0 million in 2024 related to the final year of Project Rise, and approximately $90.0 million of incremental expenses during 2024 and 2025 to streamline our product delivery platforms and leverage the cloud-based infrastructure being established with Project Rise. The accelerated technology investment will fundamentally transform our technology infrastructure by implementing a global, cloud-based approach to streamline product development, increase the efficiency of ongoing operations and maintenance, enable a continuous improvement approach, and provide a single global platform for fulfillment of our product lines. Project Rise was announced in February 2020 and expanded in February 2022, and is expected to be completed in 2024 with a total estimated expense of approximately $240.0 million, including approximately $65.0 million to be incurred in 2024, as discussed above.

For the three months ended September 30, 2024, we incurred total expenses associated with the transformation plan of $47.3 million, comprised of $40.5 million for a loss on an early termination of a leased facility, as well as $6.8 million of other business optimization expenses. For the nine months ended September 30, 2024, we incurred total expenses associated with the transformation plan of $86.4 million, comprised of restructuring expenses of $24.7 million for employee separation, and $42.1 million of facility exit charges, including a loss on an early termination of a leased facility, as well as $19.6 million of other business optimization expenses. Employee separation costs and facility exit charges are included in restructuring expenses in our Consolidated Statements of Operations. Since the inception of the operating model optimization program, we have incurred cumulative expenses of $164.0 million, of which $77.6 million was incurred in the three months ended December 31, 2023.

We have accrued liabilities for payment of employee separation costs of $23.0 million and $64.9 million as of September 30, 2024 and December 31, 2023, respectively. During the nine months ended September 30, 2024, we made cumulative payments of $66.5 million for employee separation costs and $30.0 million for an early termination penalty for a leased facility. See Part I, Item 1, "Financial Information - Notes to Unaudited Consolidated Financial Statements," Note 8, "Restructuring."

During the three and nine months ended September 30, 2024, we prepaid $25.0 million and $105.0 million, respectively, of our Senior Secured Term Loan B-5, funded from cash-on-hand. During the three and nine months ended September 30, 2023, we prepaid $75.0 million and $225.0 million, respectively, of our Senior Secured Term Loan B-6, funded from cash-on-hand. These transactions affect the comparability of interest expense between 2024 and 2023, as further discussed in "Results of Operations – Non-Operating Income and (Expense) – Interest Expense" below.

On June 24, 2024, we executed Amendment No. 23 to the Senior Secured Credit Facility, pursuant to which we entered into Senior Secured Term Loan B-8 with an aggregate principal amount of $1.5 billion, the proceeds of which were used to repay a portion of Senior Secured Term Loan B-5. In connection with this refinancing, we incurred related financing fees and expenses.

On February 8, 2024, we executed Amendment No. 22 to the Senior Secured Credit Facility, pursuant to which we entered into Senior Secured Term Loan B-7 with an aggregate principal amount of $1.9 billion, the proceeds of which were used to repay Senior Secured Term Loan B-6 in full and pay the related financing fees and expenses.

On October 27, 2023, we executed Amendment No. 21 to the Senior Secured Credit Facility, pursuant to which we entered into Senior Secured Term Loan A-4 with an aggregate principal amount of $1.3 billion, the proceeds of which were used to repay Senior Secured Term Loan A-3 in full, repay $300.0 million of Senior Secured Term Loan B-6, and pay the related financing fees and expenses. In addition, we increased the borrowing capacity on the Senior Secured Revolving Credit Facility from $300.0 million to $600.0 million and extended the maturity date from December 10, 2024 to October 27, 2028.

**Key Components of Our Results of Operations**

***Revenue***

We report revenue for our two reportable segments, U.S. Markets and International. Within the U.S. Markets segment, we report and disaggregate revenue by vertical, which consists of our Financial Services, Emerging and Consumer Interactive verticals. Within the International segment, we disaggregate revenue by regions, which consists of Canada, Latin America, the United Kingdom, Africa, India, and Asia Pacific.

***Cost of Services***

Costs of services include data acquisition and royalty fees, personnel costs related to our databases and software applications, consumer and call center support costs, hardware and software maintenance costs, telecommunications expenses and occupancy costs associated with facilities where these functions are performed.

***Selling, General and Administrative***

Selling, general and administrative expenses include personnel-related costs for sales, administrative and management employees, costs for professional and consulting services, advertising and occupancy and facilities expense of these functions.

***Non-Operating Income and Expense***

Non-operating income and expense includes interest expense, interest income, earnings from equity-method investments, dividends from Cost Method Investments, fair-value adjustments of equity-method and Cost Method Investments, if any, expenses related to successful and unsuccessful business acquisitions, loan fees, debt refinancing expenses, certain acquisition-related gains and losses and other non-operating income and expenses.

**Results of Operations —Three and Nine Months Ended September 30, 2024 and 2023**

*(Tabular amounts in millions, except per share amounts)*

For the three and nine months ended September 30, 2024 and 2023, our results of operations were as follows:

| | Three Months Ended September 30, | | Change 2024 vs. 2023 | | Nine Months Ended September 30, | | Change 2024 vs. 2023 | |
|---|---|---|---|---|---|---|---|---|
| | 2024 | 2023 | $ | % | 2024 | 2023 | $ | % |
| **Revenue** | $1,085.0 | $ 968.7 | $ 116.3 | 12.0 % | $3,147.0 | $2,876.9 | $ 270.1 | 9.4 % |
| **Operating expenses** | | | | | | | | |
| Cost of services (exclusive of depreciation and amortization below)[1] | 448.7 | 368.8 | 79.9 | 21.7 % | 1,261.7 | 1,136.8 | 124.9 | 11.0 % |
| Selling, general and administrative[1] | 305.7 | 290.8 | 14.9 | 5.1 % | 922.1 | 867.7 | 54.4 | 6.3 % |
| Depreciation and amortization | 133.6 | 131.3 | 2.3 | 1.8 % | 400.5 | 391.1 | 9.4 | 2.4 % |
| Goodwill impairment | — | 414.0 | (414.0) | nm | — | 414.0 | (414.0) | nm |
| Restructuring | 40.5 | — | 40.5 | nm | 66.8 | — | 66.8 | nm |
| **Total operating expenses** | 928.6 | 1,205.0 | (276.4) | (22.9)% | 2,651.0 | 2,809.6 | (158.6) | (5.6)% |
| **Operating income (loss)** | 156.4 | (236.3) | 392.7 | nm | 495.9 | 67.3 | 428.7 | nm |
| **Non-operating income and (expense)** | | | | | | | | |
| Interest expense | (66.6) | (72.7) | 6.1 | (8.4)% | (203.2) | (217.2) | 14.0 | (6.4)% |
| Interest income | 7.8 | 5.0 | 2.8 | 56.5 % | 19.9 | 15.1 | 4.8 | 32.1 % |
| Earnings from equity method investments | 4.7 | 3.7 | 1.0 | 28.7 % | 14.0 | 11.7 | 2.4 | 20.2 % |
| Other income and (expense), net | (5.4) | 8.7 | (14.1) | nm | (26.2) | (16.3) | (9.8) | 60.3 % |
| **Total non-operating income and (expense)** | (59.6) | (55.4) | (4.2) | 7.5 % | (195.4) | (206.8) | 11.4 | (5.5)% |
| **Income (loss) from continuing operations before income taxes** | 96.8 | (291.7) | 388.5 | nm | 300.5 | (139.5) | 440.0 | nm |
| **Provision for income taxes** | (24.9) | (22.2) | (2.6) | 11.9 % | (68.9) | (60.1) | (8.8) | 14.7 % |
| **Income (loss) from continuing operations** | 71.9 | (313.9) | 385.9 | nm | 231.6 | (199.6) | 431.2 | nm |
| **Discontinued operations, net of tax** | — | (0.5) | 0.5 | nm | — | (0.7) | 0.7 | nm |
| **Net income (loss)** | 71.9 | (314.4) | 386.4 | nm | 231.6 | (200.3) | 431.9 | nm |
| **Less: net income attributable to noncontrolling interests** | (3.9) | (4.3) | 0.4 | (10.2)% | (13.4) | (11.9) | (1.5) | 12.7 % |
| **Net income (loss) attributable to TransUnion** | $ 68.0 | $(318.8) | $ 386.8 | nm | $ 218.2 | $(212.2) | $ 430.4 | nm |

*nm: not meaningful*
*As a result of displaying amounts in millions, rounding differences may exist in the table above.*

1. We revised the Consolidated Statements of Operations for the three and nine months ended September 30, 2023, to correct the classification of certain expenses between cost of services and selling, general and administrative. See Part I, Item 1, "Financial Information - Notes to Unaudited Consolidated Financial Statements," Note 1, "Significant Accounting and Reporting Policies" and Note 19, "Revision of Previously Issued Financial Statements."

***Revenue***

For the three months ended September 30, 2024, revenue increased $116.3 million, or 12.0%, compared with the same period in 2023, due to growth in both segments, partially offset by a decrease of 0.2% from the impact of foreign currencies, as further discussed in the Segment Results of Operations section below.

For the nine months ended September 30, 2024, revenue increased $270.1 million, or 9.4%, compared with the same period in 2023, due to growth in both segments, with no impact due to foreign currencies, as further discussed in the Segment Results of Operations section below.

***Operating Expenses***

*Cost of Services*

For the three months ended September 30, 2024, cost of services increased $79.9 million compared with the same period in 2023. The increase was due primarily to:

- an increase of approximately $62.0 million in product costs resulting from an increase in variable postage related to a breach job in our U.S. Markets segment, an increase in certain product cost pricing primarily in our U.S. Markets segment and an increase in volumes in both segments; and
- a net increase of approximately $18.0 million in labor costs, primarily due to an increase in annual incentive and stock-based compensation, partially offset by a decrease in headcount as we realize benefits from our operating model transformation plan.

For the nine months ended September 30, 2024, cost of services increased $124.9 million compared with the same period in 2023. The increase was due primarily to:

- an increase of approximately $118.0 million in product costs resulting from an increase in variable postage related to a breach job in our U.S. Markets segment, an increase in certain product cost pricing primarily in our U.S. Markets segment and an increase in volume in both segments; and
- an increase of approximately $8.0 million from our operating model optimization program,

partially offset by:

- a decrease of approximately $9.0 million in integration costs of our business acquisitions, an initiative that was completed last year.

*Selling, General and Administrative*

For the three months ended September 30, 2024, selling, general and administrative expenses increased $14.9 million compared with the same period in 2023. The increase was primarily due to:

- an increase of approximately $9.0 million in technology costs, including our accelerated technology investment; and
- an increase of approximately $5.0 million from our operating model optimization program.

For the nine months ended September 30, 2024, selling, general and administrative expenses increased $54.4 million compared with the same period in 2023. The increase was primarily due to:

- a net increase of approximately $25.0 million in labor costs, including annual incentive compensation, stock-based incentive compensation and employee benefits;
- an increase of approximately $19.0 million in certain legal and regulatory expenses, primarily in our U.S. Markets segment;
- an increase of approximately $12.0 million from our operating model optimization program; and
- an increase of approximately $10.0 million in technology costs, including our accelerated technology investment,

partially offset by:

- a decrease of approximately $6.0 million in integration costs of our business acquisitions, an initiative that was completed last year.

*Depreciation and Amortization*

For the three and nine months ended September 30, 2024, depreciation and amortization increased $2.3 million and $9.4 million, respectively, compared with the same periods in 2023 primarily due to the increase in capital expenditures related to our accelerated technology investment initiative.

*Restructuring*

Restructuring expenses relate to our operating model optimization program. For the three and nine months ended September 30, 2024, these expenses include $40.5 million and $42.1 million, respectively, related to facility exit costs, including a loss on early termination of a facility lease. There were no employee separation expenses for the three months ended September 30, 2024 and $24.7 million of employee separation expenses for the nine months ended September 30, 2024.

See Part I, Item 1, “Financial Information - Notes to Unaudited Consolidated Financial Statements,” Note 8, “Restructuring,” for additional information.

***Non-Operating Income and Expense***

*Interest expense*

For the three and nine months ended September 30, 2024, interest expense decreased $6.1 million and $14.0 million compared with the same periods in 2023. This decrease was due to a decrease in outstanding principal balance due to the prepayments made in 2023 and 2024 and the debt refinancing transactions over the last 12 months, partially offset by an increase in the average periodic variable interest rate on the unhedged portion of our debt.

*Interest income*

The change in interest income for the current period compared to the prior period was primarily due to an increase in our average investment balances and an increase in interest rates.

*Other income and (expense), net*

Other income and (expense), net includes acquisition fees, loan fees, and various other income and expenses.

| | Three Months Ended September 30, | | | | Nine Months Ended September 30, | | | |
|---|---|---|---|---|---|---|---|---|
| | 2024 | 2023 | $ Change | % Change | 2024 | 2023 | $ Change | % Change |
| Other income and (expense), net: | | | | | | | | |
| Acquisition fees | $ (3.6) | $ (1.7) | $ (1.9) | nm | $ (7.0) | $ (5.5) | $ (1.5) | 27.3 % |
| Debt related expenses | (0.6) | (1.3) | 0.7 | (53.8)% | (10.9) | (4.5) | (6.4) | nm |
| Other income (expense), net | (1.2) | 11.7 | (12.9) | nm | (8.3) | (6.3) | (2.0) | 31.7 % |
| Total other income and (expense), net | $ (5.4) | $ 8.7 | $ (14.1) | nm | $ (26.2) | $ (16.3) | $ (9.9) | 60.7 % |

*nm: not meaningful*
*As a result of displaying amounts in millions, rounding differences may exist in the table above.*

*Acquisition fees*

Acquisition fees represent costs we have incurred for various acquisition-related efforts, for both executed and exploratory transactions.

*Debt-related expenses*

For the three and nine months ended September 30, 2024, debt-related expenses included $0.1 million and $9.2 million, respectively, of unamortized original issue discount, deferred financing fees, and other related fees expensed as a result of our debt prepayments and refinancings, and $0.5 million and $1.6 million, respectively, of amortized deferred financing fees. For the three and nine months ended September 30, 2023, debt-related expenses included $1.0 million and $3.1 million, respectively, of unamortized original issue discount, deferred financing fees and other related fees expensed as a result of debt prepayments, and $0.3 million and $1.5 million, respectively, of amortized deferred financing expenses.

*Other income and (expense), net*

For the three months ended September 30, 2024, other income (expense), net consists of a $3.0 million loss related to post-acquisition adjustments from previous acquisitions, partially offset by a $1.7 million net currency remeasurement gains and $0.1 million net other income from other miscellaneous non-operating income and expenses. For the nine months ended September 30, 2024, other income (expense), net consists of $8.7 million net loss related to post-acquisition adjustments from previous acquisitions and a $0.8 million net loss from fair value and impairment adjustments, partially offset by $0.4 million of net currency remeasurement gains and $0.8 million of net other income from other miscellaneous non-operating income and expense items.

For the three months ended September 30, 2023, other income (expense) consists of a $10.7 million net gain from fair value and impairment adjustments and $1.8 million net other income from other miscellaneous non-operating income and expense items, partially offset by $0.8 million of net currency remeasurement losses. For the nine months ended September 30, 2023, other income (expense) consists of $6.5 million of net currency remeasurement losses, a $5.1 million loss related to post-acquisition adjustments from previous acquisitions and an $0.8 million net loss from fair value and impairment adjustments, partially offset by $6.1 million net other income from other miscellaneous non-operating income and expense items.

***Provision for Income Taxes***

For the three months ended September 30, 2024, we reported an effective tax rate of 25.7%, which was higher than the 21.0% U.S. federal corporate statutory rate primarily due to foreign withholding taxes, jurisdictional mix of income, and uncertain tax positions, partially offset by benefits from the research and development credit.

For the nine months ended September 30, 2024, we reported an effective tax rate of 22.9%, which was higher than the 21.0% U.S. federal corporate statutory rate due to foreign withholding taxes, nondeductible expenses primarily in connection with executive compensation limitations and uncertain tax positions, partially offset by benefits from the research and development credit and the remeasurement of deferred taxes due to changes in state apportionment rates.

We have evaluated the impact of the Organization for Economic Cooperation and Development ("OECD") efforts to implement a global minimum 15% effective tax rate on certain multinational enterprises, commonly known as Pillar Two, and there is not expected to be a significant impact to our 2024 tax rate. As other countries continue to announce changes in their tax laws and regulations based on the Pillar Two proposals and other OECD initiatives, we will continue to evaluate the impact of these proposed and enacted legislative changes to determine the impact on our tax rate for 2024 and beyond.

For the three and nine months ended September 30, 2023, we reported an effective tax rate of (7.6)% and (43.1)% respectively, which was lower than the 21.0% U.S. federal corporate statutory rate primarily due to the impact of non-deductible goodwill impairment.

**Segment Results of Operations—Three and Nine Months Ended September 30, 2024 and 2023**

Management, including our CODM, evaluates the financial performance of our businesses based on revenue, segment Adjusted EBITDA. As discussed above, we have reorganized our operations and now have two operating segments, U.S. Markets and International. Prior period amounts have been recast to conform to our current operating structure. For the three and nine months ended September 30, 2024 and 2023, our segment revenue, segment Adjusted EBITDA and segment Adjusted EBITDA Margin were as follows:

| | Three Months Ended September 30, | | Change 2024 vs. 2023 | | Nine Months Ended September 30, | | Change 2024 vs. 2023 | |
|---|---|---|---|---|---|---|---|---|
| | 2024 | 2023 | $ | % | 2024 | 2023 | $ | % |
| **Revenue:** | | | | | | | | |
| U.S. Markets gross revenue | | | | | | | | |
| Financial Services | $ 367.2 | $ 313.7 | $ 53.6 | 17.1 % | $ 1,077.6 | $ 949.6 | $ 128.1 | 13.5 % |
| Emerging Verticals | 307.2 | 297.3 | 9.9 | 3.3 % | 913.1 | 877.9 | 35.2 | 4.0 % |
| Consumer Interactive | 173.7 | 143.1 | 30.6 | 21.4 % | 455.1 | 429.4 | 25.7 | 6.0 % |
| U.S. Markets gross revenue | $ 848.1 | $ 754.0 | $ 94.0 | 12.5 % | $ 2,445.9 | $2,256.9 | $ 189.0 | 8.4 % |
| | | | | | | | | |
| International: | | | | | | | | |
| Canada | $ 39.4 | $ 36.9 | $ 2.5 | 6.8 % | $ 115.9 | $ 103.9 | $ 12.0 | 11.5 % |
| Latin America | 33.5 | 31.2 | 2.3 | 7.2 % | 100.9 | 90.2 | 10.7 | 11.8 % |
| United Kingdom | 57.8 | 54.5 | 3.3 | 6.0 % | 168.6 | 160.7 | 7.9 | 4.9 % |
| Africa | 17.1 | 15.2 | 1.9 | 12.3 % | 48.0 | 44.3 | 3.7 | 8.3 % |
| India | 68.2 | 56.1 | 12.0 | 21.5 % | 202.8 | 161.8 | 41.0 | 25.4 % |
| Asia Pacific | 25.6 | 23.1 | 2.6 | 11.1 % | 77.1 | 67.9 | 9.2 | 13.6 % |
| International gross revenue | $ 241.6 | $ 217.1 | $ 24.5 | 11.3 % | $ 713.3 | $ 628.9 | $ 84.5 | 13.4 % |
| | | | | | | | | |
| **Total gross revenue** | $1,089.6 | $ 971.2 | $ 118.5 | 12.2 % | $ 3,159.2 | $2,885.8 | $ 273.4 | 9.5 % |
| Intersegment revenue eliminations | (4.7) | (2.5) | (2.2) | 87.2 % | (12.3) | (8.9) | (3.3) | 37.5 % |
| **Total revenue as reported** | $1,085.0 | $ 968.7 | $ 116.3 | 12.0 % | $ 3,147.0 | $2,876.9 | $ 270.1 | 9.4 % |
| | | | | | | | | |
| **Adjusted EBITDA:** | | | | | | | | |
| U.S. Markets | $ 319.9 | $ 293.7 | $ 26.3 | 9.0 % | $ 920.9 | $ 850.9 | $ 70.0 | 8.2 % |
| International | 110.5 | 97.0 | 13.5 | 13.9 % | 318.1 | 271.0 | 47.1 | 17.4 % |
| | | | | | | | | |
| **Adjusted EBITDA Margin:** | | | | | | | | |
| U.S. Markets | 37.7 % | 38.9 % | | (1.2)% | 37.6 % | 37.7 % | | (0.1)% |
| International | 45.7 % | 44.7 % | | 1.1 % | 44.6 % | 43.1 % | | 1.5 % |

*nm: not meaningful*
*As a result of displaying amounts in millions, rounding differences may exist in the table above.*

We define Adjusted EBITDA Margin for our segments as the segment Adjusted EBITDA divided by segment gross revenue.

*U.S. Markets Segment*

*Revenue*

For the three and nine months ended September 30, 2024, U.S. Markets revenue increased $94.0 million, or 12.5%, and $189.0 million, or 8.4%, respectively, compared with the same periods in 2023, with increases in all verticals in both periods.

*Financial Services:* For the three and nine months ended September 30, 2024, revenue increased $53.6 million, or 17.1%, and $128.1 million, or 13.5%, respectively, compared with the same periods in 2023. A majority of the growth in Financial Services comes from our Mortgage line of business, primarily due to increases in price and batch activity. Our other lines of business also grew in both periods, primarily due to an increase in batch activity, partially offset by a decrease in volume, and price increases in our Auto line of business.

*Emerging Verticals:* For the three and nine months ended September 30, 2024, revenue increased $9.9 million, or 3.3%, and $35.2 million, or 4.0%, respectively, compared with the same periods in 2023. For the three-month period, the increase was due primarily to an increase in the Insurance vertical from new business wins and an increase in volumes, partially offset by a decrease in the Media vertical. For the nine-month period, the increase was due primarily to increases in the Insurance and Services & Collections verticals from new products, new business wins and an increase in volumes.

*Consumer Interactive:* For the three and nine months ended September 30, 2024, revenue increased $30.6 million, or 21.4%, and $25.7 million, or 6.0%, respectively, compared with the same periods in 2023. For both periods, an increase in breach revenue was partially offset by a decrease in our Direct channel from slowing demand for paid credit products.

*Adjusted EBITDA*

For the three and nine months ended September 30, 2024, Adjusted EBITDA increased $26.3 million and $70.0 million, respectively, compared with the same periods in 2023, primarily due to an increase in revenue and a decrease in labor costs from our operating model optimization program, partially offset by higher variable product cost from breach jobs and an increase in annual incentive compensation, and an increase in litigation expenses in the nine-month period. For the three and nine months ended September 30, 2024, Adjusted EBITDA margins decreased 1.2% and 0.1%, respectively, compared with the same periods in 2023, primarily due to higher variable product costs on breach revenue and an increase in annual incentive compensation, partially offset by revenue growth and realization of cost savings from the transformation plan.

*International Segment*

*Revenue*

For the three and nine months ended September 30, 2024, International revenue increased $24.5 million, or 11.3%, and $84.5 million, or 13.4%, respectively, compared with the same periods in 2023 primarily due to higher local currency revenue in all regions, driven by increased volumes from improving economic conditions and new product initiatives, partially offset by a decrease of 0.8% and 0.1%, respectively, from the impact of foreign currencies.

*Canada:* For the three and nine months ended September 30, 2024, Canada revenue increased $2.5 million, or 6.8%, and $12.0 million, or 11.5%, respectively, compared with the same periods in 2023, primarily due to higher local currency revenue from broad-based volume increases, new business wins, and increased batch and breach services in both periods, partially offset by a decrease of 1.9% and 1.2%, respectively, from the impact of foreign currencies.

*Latin America:* For the three and nine months ended September 30, 2024, Latin America revenue increased $2.3 million, or 7.2%, and $10.7 million, or 11.8%, respectively, compared with the same periods in 2023, primarily due to higher local currency revenue from broad-based growth across several of our markets in both periods, partially offset by the impact of a one-time contract in 2023 for the nine-month period, and a decrease of 5.5% for the three-month period and an increase of 1.0% for the nine-month period from the impact of foreign currencies.

*United Kingdom:* For the three and nine months ended September 30, 2024, United Kingdom revenue increased $3.3 million, or 6.0%, and $7.9 million, or 4.9%, respectively, compared with the same periods in 2023, primarily due to volume and batch increases in both periods, and an increase of 2.3% and 2.4%, respectively, from the impact of foreign currency, partially offset by the impact of a drop in volume for a one-time contract in the prior year for both periods.

*Africa:* For the three and nine months ended September 30, 2024, Africa revenue increased $1.9 million, or 12.3%, and $3.7 million, or 8.3%, respectively, compared with the same periods in 2023, primarily due to meaningful new business wins and contract renewals as well as volume growth in emerging countries and emerging verticals in both periods. The impact of foreign currencies result in a revenue increase of 2.8% for the three month period and a decrease of 2.2% for the nine month period.

*India:* For the three and nine months ended September 30, 2024, India revenue increased $12.0 million, or 21.5%, and $41.0 million, or 25.4%, respectively, compared with the same periods in 2023, primarily due to higher local currency revenue from strong, broad-based growth across all aspects of the business, including online, batch, consumer and commercial volumes in both periods, partially offset by a decrease of 1.7% and 1.6%, respectively, from the impact of foreign currencies.

*Asia Pacific:* For the three and nine months ended September 30, 2024, Asia Pacific revenue increased $2.6 million, or 11.1%, and $9.2 million, or 13.6%, respectively compared with the same periods in 2023, primarily due to strong growth in the Philippines across key banking clients, along with growth in Hong Kong from our FinTech and other clients in both periods, partially offset by a decrease of 0.4% and 0.6%, respectively, from the impact of foreign currencies.

*Adjusted EBITDA*

For the three and nine months ended September 30, 2024, Adjusted EBITDA increased $13.5 million and $47.1 million, respectively, compared with the same periods in 2023. The increase was primarily due to increased revenue in certain regions, as discussed above, in both periods. For the three and nine months ended September 30, 2024, Adjusted EBITDA margins increased 1.1% and 1.5%, respectively, primarily due to higher margin revenue in our larger regions primarily due to revenue growth in both periods.

**Non-GAAP measures—Three and Nine Months Ended September 30, 2024 and 2023**

In addition to the financial measures in conformity with generally accepted accounting principles ("GAAP") discussed above, Management, including our CODM, evaluates the financial performance of our businesses based on the non-GAAP measures Consolidated Adjusted EBITDA, Consolidated Adjusted EBITDA Margin, Adjusted Net Income, Adjusted Diluted Earnings per Share, Adjusted Provision for Income Taxes, Adjusted Effective Tax Rate and Leverage Ratio, as defined below.

***Non-GAAP Financial Measures***

We present Consolidated Adjusted EBITDA, Consolidated Adjusted EBITDA Margin, Adjusted Net Income, Adjusted Diluted Earnings per Share, Adjusted Provision for Income Taxes, Adjusted Effective Tax Rate and Leverage Ratio for all periods presented. These are important financial measures for the Company but are not financial measures as defined by GAAP. These financial measures should be reviewed in conjunction with the relevant GAAP financial measures and are not presented as alternative measures of GAAP. Other companies in our industry may define or calculate these measures differently than we do, limiting their usefulness as comparative measures. Because of these limitations, these non-GAAP financial measures should not be considered in isolation or as substitutes for performance measures calculated in accordance with GAAP, including operating income, operating margin, effective tax rate, net income attributable to the Company, diluted earnings per share or cash provided by operating activities. Reconciliations of these non-GAAP financial measures to their most directly comparable GAAP financial measures are presented in the tables below.

We present Consolidated Adjusted EBITDA, Consolidated Adjusted EBITDA Margin, Adjusted Net Income, Adjusted Diluted Earnings per Share, Adjusted Provision for Income Taxes and Adjusted Effective Tax Rate as supplemental measures of our operating performance because these measures eliminate the impact of certain items that we do not consider indicative of our cash operations and ongoing operating performance. These are measures frequently used by securities analysts, investors and other interested parties in their evaluation of the operating performance of companies similar to ours.

Our Board and executive management team use Adjusted EBITDA as an incentive compensation measure for most eligible employees and Adjusted Diluted Earnings per Share as an incentive compensation measure for certain of our senior executives.

Under the credit agreement governing our Senior Secured Credit Facility, our ability to engage in activities such as incurring additional indebtedness, making investments and paying dividends is tied to our Leverage Ratio which is partially based on Adjusted EBITDA. Investors also use our Leverage Ratio to assess our ability to service our debt and make other capital allocation decisions.

*Consolidated Adjusted EBITDA*

Management has excluded the following items from net income attributable to TransUnion in order to calculate Adjusted EBITDA for the periods presented:

- *Discontinued operations, net of tax,* as reported on our Consolidated Statements of Operations. We exclude discontinued operations, net of tax because we believe it does not reflect the underlying and ongoing performance of our business operations.
- *Net interest expense* is the sum of interest expense and interest income as reported on our Consolidated Statements of Operations.
- *Provision for income taxes,* as reported on our Consolidated Statements of Operations.
- *Depreciation and amortization,* as reported on our Consolidated Statements of Operations.
- *Stock-based compensation* is used as an incentive to engage and retain our employees. It is predominantly a non-cash expense. We exclude stock-based compensation because it may not correlate to the underlying performance of our business operations during the period since it is measured at the grant date fair value and it is subject to variability as a result of performance conditions and timing of grants. These expenses are reported within cost of services and selling, general and administrative on our Consolidated Statements of Operations.
- *Operating model optimization program* represents employee separation costs, facility lease exit costs, and other business process optimization expenses incurred in connection with the transformation plan discussed further in "Results of Operations – Factors Affecting Our Results of Operations." We exclude these expenses as we believe they are not directly correlated to the underlying performance of our business. Further, these costs will vary and may not be comparable during the transformation initiative as we progress toward an optimized operating model. These costs are reported primarily in restructuring and selling, general and administrative on our Consolidated Statements of Operations.
- *Accelerated technology investment* includes Project Rise and the final phase of our technology investment announced in November 2023. Project Rise was announced in February 2020 and was originally expected to be completed in

2022. Following our acquisition of Neustar in December 2021, we recognized the opportunity to take advantage of Neustar's capabilities to enhance and complement our cloud-based technology already under development as part of Project Rise. As a result, we extended Project Rise's timeline to 2024 and increased the total estimated cost to approximately $240 million. In November 2023, we announced our plans to further leverage Neustar's technology to standardize and streamline our product delivery platforms and to build a single global platform for fulfillment of our product lines. The additional investment is expected to be approximately $90 million during 2024 and 2025 and represents the final phase of the technology investment in our global technology infrastructure and core customer applications. We expect that the accelerated technology investment will fundamentally transform our technology infrastructure by implementing a global cloud-based approach to streamline product development, increase the efficiency of ongoing operations and maintenance and enable a continuous improvement approach to avoid the need for another major technology overhaul in the foreseeable future. The unique effort to build a secure, reliable and performant hybrid cloud infrastructure requires us to dedicate separate resources in order to develop the new cloud-based infrastructure in parallel with our current on-premise environment by maintaining our existing technology team to ensure no disruptions to our customers. The costs associated with the accelerated technology investment are incremental and redundant costs that will not recur after the program has been completed and are not representative of our underlying operating performance. Therefore, we believe that excluding these costs from our non-GAAP measures provides a better reflection of our ongoing cost structure. These costs are primarily reported in cost of services and therefore do not include amounts that are capitalized as internally developed software.

- *Mergers and acquisitions, divestitures and business optimization* expenses are non-recurring expenses associated with specific transactions (exploratory or executed) and consist of (i) transaction and integration costs, (ii) post-acquisition adjustments to contingent consideration or to assets and liabilities that occurred after the acquisition measurement period, (iii) fair value and impairment adjustments related to investments and call and put options, (iv) transition services agreement income, and (v) a loss on disposal of a business. We exclude these expenses as we believe they are not directly correlated to the underlying performance of our business operations and vary depending upon the timing of such transactions. These expenses are reported in costs of services, selling, general and administrative and other income and (expenses), net, on our Consolidated Statements of Operations.
- *Net other* adjustments principally relate to: (i) deferred loan fee expense from debt prepayments and refinancing, (ii) currency remeasurement on foreign operations, (iii) other debt financing expenses consisting primarily of revolving credit facility deferred financing fee amortization and commitment fees and expenses associated with ratings agencies and interest rate hedging, (iv) legal and regulatory expenses, net, and (v) other non-operating (income) expense. We exclude these expenses as we believe they are not directly correlated to the underlying performance of our business and create variability between periods based on the nature and timing of the expense or income. These costs are reported in selling, general and administrative and in non-operating income and expense, net as applicable based on their nature on our Consolidated Statements of Operations.

*Consolidated Adjusted EBITDA Margin*

Management defines Consolidated Adjusted EBITDA Margin as Consolidated Adjusted EBITDA divided by total revenue as reported.

*Adjusted Net Income*

Management has excluded the following items from net income attributable to TransUnion in order to calculate Adjusted Net Income for the periods presented:

- *Discontinued operations, net of tax* (see Consolidated Adjusted EBITDA above)
- *Amortization of certain intangible assets* presents non-cash amortization expenses related to assets that arose from our 2012 change in control transaction and business combinations occurring after our 2012 change in control. We exclude these expenses as we believe they are not directly correlated to the underlying performance of our business operations and vary dependent upon the timing of the transactions that give rise to these assets. Amortization of intangible assets is included in depreciation and amortization on our Consolidated Statements of Operations.
- *Stock-based compensation* (see Consolidated Adjusted EBITDA above)
- *Operating model optimization program* (see Consolidated Adjusted EBITDA above)
- *Accelerated technology investment* (see Consolidated Adjusted EBITDA above)
- *Mergers and acquisitions, divestiture and business optimization* (see Consolidated Adjusted EBITDA above)
- *Net other* is consistent with the definition in Consolidated Adjusted EBITDA above except that other debt financing expenses and certain other miscellaneous income and expense that are included in the adjustment to calculate Adjusted EBITDA are excluded in the adjustment made to calculate Adjusted Net Income.
- *Total adjustments for income taxes* relates to the cumulative adjustments discussed below for Adjusted Provision for Income Taxes. This adjustment is made for the reasons indicated in Adjusted Provision for Income Taxes below. Adjustments related to the provision for income taxes are included in the line item by this name on our Consolidated Statement of Operations.

*Adjusted Diluted Earnings Per Share*

Management defines Adjusted Diluted Earnings per Share as Adjusted Net Income divided by the weighted-average diluted shares outstanding.

*Adjusted Provision for Income Taxes*

Management has excluded the following items from our provision for income taxes for the periods presented:

- *Tax effect of above adjustments* represents the income tax effect of the adjustments related to Adjusted Net Income described above. The tax rate applied to each adjustment is based on the nature of each line item. We include the tax effect of the adjustments made to Adjusted Net Income to provide a comprehensive view of our adjusted net income.
- *Excess tax expense (benefit) for stock-based compensation* is the permanent difference between expenses recognized for book purposes and expenses recognized for tax purposes, in each case related to stock-based compensation expense. We exclude this amount from the Adjusted Provision for Income Taxes in order to be consistent with the exclusion of stock-based compensation from the calculation of Adjusted Net Income.
- *Other* principally relates to (i) deferred tax adjustments, including rate changes, (ii) infrequent or unusual valuation allowance adjustments, (iii) return to provision, tax authority audit adjustments, and reserves related to prior periods,

and (iv) other non-recurring items. We exclude these items because they create variability that impacts comparability between periods.

*Adjusted Effective Tax Rate*

Management defines Adjusted Effective Tax Rate as Adjusted Provision for Income Taxes divided by adjusted income from continuing operations before income taxes. We calculate adjusted income from continuing operations before income taxes by excluding the pre-tax adjustments in the calculation of Adjusted Net Income discussed above and noncontrolling interest related to these pre-tax adjustments from income from continuing operations before income taxes.

*Leverage Ratio*

Management defines Leverage Ratio as net debt divided by Consolidated Adjusted EBITDA for the most recent twelve-month period including twelve months of Adjusted EBITDA from significant acquisitions. Since the Leverage Ratio is calculated on a trailing twelve-month basis, prior period goodwill impairment is excluded as this expense may not directly correlate to the underlying performance of our business operations during that period and may vary significantly between periods. Net debt is defined as total debt less cash and cash equivalents as reported on the balance sheet as of the end of the period.

For the three and nine months ended September 30, 2024 and 2023, these non-GAAP measures were as follows:

***Adjusted EBITDA and Adjusted EBITDA Margin***

| | Three Months Ended September 30, | | Change 2024 vs. 2023 | | Nine Months Ended September 30, | | Change 2024 vs. 2023 | |
|---|---|---|---|---|---|---|---|---|
| | 2024 | 2023 | $ | % | 2024 | 2023 | $ | % |
| **Reconciliation of Net income (loss) attributable to TransUnion to consolidated Adjusted EBITDA:** | | | | | | | | |
| Net income (loss) attributable to TransUnion | $ 68.0 | $(318.8) | $ 386.8 | nm | $ 218.2 | $(212.2) | $ 430.4 | nm |
| Discontinued operations, net of tax | — | 0.5 | (0.5) | nm | — | 0.7 | (0.7) | nm |
| Income (loss) from continuing operations attributable to TransUnion | $ 68.0 | $(318.3) | $ 386.3 | nm | $ 218.2 | $(211.5) | $ 429.7 | nm |
| Net interest expense | 58.9 | 67.8 | (8.9) | (13.1)% | 183.3 | 202.1 | (18.8) | (9.3)% |
| Provision for income taxes | 24.9 | 22.2 | 2.6 | 11.9 % | 68.9 | 60.1 | 8.8 | 14.7 % |
| Depreciation and amortization | 133.6 | 131.3 | 2.3 | 1.8 % | 400.5 | 391.1 | 9.4 | 2.4 % |
| EBITDA | $ 285.4 | $ (97.0) | $ 382.4 | nm | $ 870.8 | $ 441.8 | $ 429.0 | 97.1 % |
| Adjustments to EBITDA: | | | | | | | | |
| Stock-based compensation | 33.8 | 27.0 | 6.8 | 25.3 % | 85.7 | 73.3 | 12.4 | 17.0 % |
| Goodwill impairment[1] | — | 414.0 | (414.0) | nm | — | 414.0 | (414.0) | nm |
| Mergers and acquisitions, divestitures and business optimization[2] | 7.3 | (6.0) | 13.2 | nm | 17.1 | 24.5 | (7.4) | (30.1)% |
| Accelerated technology investment[3] | 21.8 | 16.3 | 5.6 | 34.4 % | 58.6 | 53.5 | 5.1 | 9.5 % |
| Operating model optimization program[4] | 47.3 | — | 47.3 | nm | 86.4 | — | 86.4 | nm |
| Net other[5] | (2.0) | 1.8 | (3.8) | nm | 9.7 | 10.6 | (0.9) | (8.0)% |
| Total adjustments to EBITDA | $ 108.3 | $ 453.1 | $ (344.8) | (76.1)% | $ 257.5 | $ 575.8 | $ (318.3) | (55.3)% |
| **Consolidated Adjusted EBITDA** | $ 393.7 | $ 356.1 | $ 37.5 | 10.5 % | $1,128.4 | $1,017.6 | $ 110.7 | 10.9 % |
| | | | | | | | | |
| Net income (loss) attributable to TransUnion margin | 6.3 % | (32.9)% | | 39.2 % | 6.9 % | (7.4)% | | 14.3 % |
| Consolidated Adjusted EBITDA margin[6] | 36.3 % | 36.8 % | | (0.5)% | 35.9 % | 35.4 % | | 0.5 % |

*nm: not meaningful*

As a result of displaying amounts in millions, rounding differences may exist in the table above.

1. During the three and nine months ended September 30, 2023, we recorded a goodwill impairment of $414.0 million related to our United Kingdom reporting unit in our International segment.

2. Mergers and acquisitions, divestitures and business optimization consisted of the following adjustments:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Transaction and integration costs | $ 3.6 | $ 5.8 | $ 7.0 | $ 21.0 |
| Fair value and impairment adjustments | — | (10.7) | 0.8 | 0.8 |
| Post-acquisition adjustments | 3.7 | — | 9.4 | 5.1 |
| Transition services agreement income | — | (1.1) | — | (2.4) |
| Total mergers and acquisitions, divestitures and business optimization | $ 7.3 | $ (6.0) | $ 17.1 | $ 24.5 |

3. Represents expenses associated with our accelerated technology investment to migrate to the cloud. There are three components of the accelerated technology investment: (i) building foundational capabilities which includes establishing a modern, API-based and services-oriented software architecture, (ii) the migration of each application and customer data to the new enterprise platform, including the redundant software costs during the migration period,

as well as the efforts to decommission the legacy system, and (iii) program enablement, which includes dedicated resources to support the planning and execution of the program. The amounts for each category of cost are as follows:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Foundational Capabilities | $ 9.9 | $ 8.0 | $ 25.0 | $ 27.7 |
| Migration Management | 11.0 | 7.2 | 29.9 | 21.9 |
| Program Enablement | 0.9 | 1.1 | 3.8 | 3.9 |
| Total accelerated technology investment | $ 21.8 | $ 16.3 | $ 58.6 | $ 53.5 |

4. Operating model optimization consisted of the following adjustments:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Employee separation | $ — | $ — | $ 24.7 | $ — |
| Facility exit | 40.5 | — | 42.1 | — |
| Business process optimization | 6.8 | — | 19.6 | — |
| Total operating model optimization | $ 47.3 | $ — | $ 86.4 | $ — |

5. Net other consisted of the following adjustments:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Deferred loan fee expense from debt prepayments and refinancing | $ 0.1 | $ 1.0 | $ 9.2 | $ 3.1 |
| Other debt financing expenses | 0.5 | 0.3 | 1.6 | 1.5 |
| Currency remeasurement on foreign operations | (1.7) | 0.8 | (0.4) | 6.5 |
| Other non-operating (income) expense | (0.8) | (0.3) | (0.7) | (0.5) |
| Total other adjustments | $ (2.0) | $ 1.8 | $ 9.7 | $ 10.6 |

6. Consolidated Adjusted EBITDA margin is calculated by dividing Consolidated Adjusted EBITDA by total revenue.

*Consolidated Adjusted EBITDA*

For the three and nine months ended September 30, 2024, Consolidated Adjusted EBITDA increased $37.6 million and $110.8 million, respectively, compared with the same periods in 2023, primarily due to an increase in revenue and the realization of cost savings from the transformation plan, partially offset by higher product costs and lower incentive compensation last year. For the three months ended September 30, 2024, Consolidated Adjusted EBITDA margin decreased 0.5%, primarily due to higher variable product costs in U.S. Markets and lower incentive compensation last year, partially offset by an increase in revenue. For the nine months ended September 30, 2024, Consolidated Adjusted EBITDA margin increased 0.5%, primarily due to an increase in revenue and realization of cost savings from the transformation plan, partially offset by higher variable product costs in U.S. Markets and lower incentive compensation last year.

***Adjusted Net Income and Adjusted Diluted Earnings Per Share***

| | Three Months Ended September 30, | | Change 2024 vs. 2023 | | Nine Months Ended September 30, | | Change 2024 vs. 2023 | |
|---|---|---|---|---|---|---|---|---|
| | 2024 | 2023 | $ | % | 2024 | 2023 | $ | % |
| **Reconciliation of Net income (loss) attributable to TransUnion to Adjusted Net Income:** | | | | | | | | |
| Net income (loss) attributable to TransUnion | $ 68.0 | $ (318.8) | $ 386.8 | nm | $ 218.2 | $ (212.2) | $ 430.4 | nm |
| Discontinued operations, net of tax | — | 0.5 | (0.5) | nm | — | 0.7 | (0.7) | nm |
| Income (loss) from continuing operations attributable to TransUnion | $ 68.0 | $ (318.3) | $ 386.3 | nm | $ 218.2 | $(211.5) | $ 429.7 | nm |
| Adjustments before income tax items: | | | | | | | | |
| Amortization of certain intangible assets[1] | 71.5 | 72.1 | (0.5) | (0.8)% | 214.9 | 221.2 | (6.3) | (2.9)% |
| Stock-based compensation | 33.8 | 27.0 | 6.8 | 25.3 % | 85.7 | 73.3 | 12.4 | 17.0 % |
| Goodwill impairment[2] | — | 414.0 | (414.0) | nm | — | 414.0 | (414.0) | nm |
| Mergers and acquisitions, divestitures and business optimization[3] | 7.3 | (6.0) | 13.2 | nm | 17.1 | 24.5 | (7.4) | (30.1)% |
| Accelerated technology investment[4] | 21.8 | 16.3 | 5.6 | 34.4 % | 58.6 | 53.5 | 5.1 | 9.5 % |
| Operating model optimization program[5] | 47.3 | — | 47.3 | nm | 86.4 | — | 86.4 | nm |
| Net other[6] | (2.1) | 1.8 | (4.0) | nm | 8.6 | 9.6 | (1.0) | (10.6)% |
| Total adjustments before income tax items | $ 179.6 | $ 525.2 | $ (345.5) | (65.8)% | $ 471.3 | $ 796.0 | $ (324.8) | (40.8)% |
| Total adjustments for income taxes[7] | (43.1) | (29.5) | (13.6) | 46.1 % | (112.9) | (85.2) | (27.6) | 32.4 % |
| **Adjusted Net Income** | $ 204.5 | $ 177.4 | $ 27.2 | 15.3 % | $ 576.6 | $ 499.3 | $ 77.2 | 15.5 % |
| | | | | | | | | |
| Weighted-average shares outstanding: | | | | | | | | |
| Basic | 194.6 | 193.4 | nm | nm | 194.3 | 193.3 | nm | nm |
| Diluted | 197.0 | 194.6 | nm | nm | 196.3 | 194.8 | nm | nm |
| | | | | | | | | |
| Adjusted Earnings per Share: | | | | | | | | |
| Basic | $ 1.05 | $ 0.92 | $ 0.13 | 14.6 % | $ 2.97 | $ 2.58 | $ 0.38 | 14.9 % |
| Diluted | $ 1.04 | $ 0.91 | $ 0.13 | 13.9 % | $ 2.94 | $ 2.56 | $ 0.37 | 14.6 % |

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| **Reconciliation of Diluted earnings (loss) per share from Net income (loss) attributable to TransUnion to Adjusted Diluted Earnings per Share:** | | | | |
| Diluted earnings per common share from: | | | | |
| Net income (loss) attributable to TransUnion | $ 0.35 | $ (1.65) | $ 1.11 | $ (1.10) |
| Discontinued operations, net of tax | — | — | — | — |
| Income (loss) from continuing operations attributable to TransUnion | $ 0.35 | $ (1.65) | $ 1.11 | $ (1.09) |
| Adjustments before income tax items: | | | | |
| Amortization of certain intangible assets[1] | 0.36 | 0.37 | 1.09 | 1.14 |
| Stock-based compensation | 0.17 | 0.14 | 0.44 | 0.38 |
| Goodwill impairment[2] | — | 2.13 | — | 2.13 |
| Mergers and acquisitions, divestitures and business optimization[3] | 0.04 | (0.03) | 0.09 | 0.13 |
| Accelerated technology investment[4] | 0.11 | 0.08 | 0.30 | 0.27 |
| Operating model optimization program[5] | 0.24 | — | 0.44 | — |
| Net other[6] | (0.01) | 0.01 | 0.04 | 0.05 |
| Total adjustments before income tax items | $ 0.91 | $ 2.70 | $ 2.40 | $ 4.09 |
| Total adjustments for income taxes[7] | (0.22) | (0.15) | (0.57) | (0.44) |
| Adjusted Diluted Earnings per Share | $ 1.04 | $ 0.91 | $ 2.94 | $ 2.56 |

Each component of earnings per share is calculated independently, therefore, rounding differences exist in the table above.

1. Consists of amortization of intangible assets from our 2012 change-in-control transaction and amortization of intangible assets established in business acquisitions after our 2012 change-in-control transaction.
2. During the three and nine months ended September 30, 2023, we recorded a goodwill impairment of $414.0 million related to our United Kingdom reporting unit in our International segment.
3. Mergers and acquisitions, divestitures and business optimization consisted of the following adjustments:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Transaction and integration costs | $ 3.6 | $ 5.8 | $ 7.0 | $ 21.0 |
| Fair value and impairment adjustments | — | (10.7) | 0.8 | 0.8 |
| Post-acquisition adjustments | 3.7 | — | 9.4 | 5.1 |
| Transition services agreement income | — | (1.1) | — | (2.4) |
| Total mergers and acquisitions, divestitures and business optimization | $ 7.3 | $ (6.0) | $ 17.1 | $ 24.5 |

4. Represents expenses associated with our accelerated technology investment to migrate to the cloud. There are three components of the accelerated technology investment: (i) building foundational capabilities which includes establishing a modern, API-based and services-oriented software architecture, (ii) the migration of each application and customer data to the new enterprise platform, including the redundant software costs during the migration period, as well as the efforts to decommission the legacy system, and (iii) program enablement, which includes dedicated resources to support the planning and execution of the program. The amounts for each category of cost are as follows:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Foundational Capabilities | $ 9.9 | $ 8.0 | $ 25.0 | $ 27.7 |
| Migration Management | 11.0 | 7.2 | 29.9 | 21.9 |
| Program Enablement | 0.9 | 1.1 | 3.8 | 3.9 |
| Total accelerated technology investment | $ 21.8 | $ 16.3 | $ 58.6 | $ 53.5 |

5. Operating model optimization consisted of the following adjustments:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Employee separation | $ — | $ — | $ 24.7 | $ — |
| Facility exit | 40.5 | — | 42.1 | — |
| Business process optimization | 6.8 | — | 19.6 | — |
| Total operating model optimization | $ 47.3 | $ — | $ 86.4 | $ — |

6. Net other consisted of the following adjustments:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Deferred loan fee expense from debt prepayments and refinancing | $ 0.1 | $ 1.0 | $ 9.2 | $ 3.1 |
| Currency remeasurement on foreign operations | (1.7) | 0.8 | (0.4) | 6.5 |
| Other non-operating (income) and expense | (0.5) | — | (0.2) | — |
| Total other adjustments | $ (2.1) | $ 1.8 | $ 8.6 | $ 9.6 |

7. Total adjustments for income taxes represents the total of adjustments discussed to calculate the Adjusted Provision for Income Taxes.

*Adjusted Net Income*

For the three and nine months ended September 30, 2024, Adjusted Net Income increased primarily due to an increase in operating income and a decrease in net interest expense, partially offset by an increase in the Adjusted Provision for Income Taxes.

***Adjusted Provision for Income Taxes and Adjusted Effective Tax Rate***

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Income (loss) from continuing operations before income taxes | $ 96.8 | $(291.7) | $ 300.5 | $(139.5) |
| Total adjustments before income tax items from Adjusted Net Income table above | 179.6 | 525.2 | 471.3 | 796.0 |
| Adjusted income from continuing operations before income taxes | $ 276.4 | $ 233.5 | $ 771.8 | $ 656.5 |
| | | | | |
| **Reconciliation of Provision for income taxes to Adjusted Provision for Income Taxes:** | | | | |
| Provision for income taxes | (24.9) | (22.2) | (68.9) | (60.1) |
| Adjustments for income taxes: | | | | |
| Tax effect of above adjustments | (41.8) | (27.9) | (108.5) | (90.1) |
| Eliminate impact of excess tax (benefit) expense for stock-based compensation | (2.3) | 0.7 | (1.4) | 2.7 |
| Other[1] | 0.9 | (2.2) | (3.0) | 2.2 |
| Total adjustments for income taxes | $ (43.1) | $ (29.5) | $(112.9) | $ (85.2) |
| **Adjusted Provision for Income Taxes** | $ (68.0) | $ (51.7) | $(181.8) | $(145.3) |
| | | | | |
| Effective tax rate | 25.7 % | (7.6)% | 22.9 % | (43.1)% |
| Adjusted Effective Tax Rate | 24.6 % | 22.2 % | 23.6 % | 22.1 % |

As a result of displaying amounts in millions, rounding differences may exist in the table above.

1. Other adjustments for income taxes include:

| | Three Months Ended September 30, | | Nine Months Ended September 30, | |
|---|---|---|---|---|
| | 2024 | 2023 | 2024 | 2023 |
| Deferred tax adjustments | $ 3.8 | $ (0.2) | $ (1.4) | $ 0.6 |
| Valuation allowance adjustments | (2.3) | (1.9) | (2.1) | (0.8) |
| Return to provision, audit adjustments, and reserves related to prior periods | (1.2) | 1.4 | 1.2 | 2.6 |
| Other adjustments | 0.7 | (1.6) | (0.7) | (0.3) |
| Total other adjustments | $ 0.9 | $ (2.2) | $ (3.0) | $ 2.2 |

*Adjusted Provision for Income Taxes*

We reported an adjusted tax rate of 24.6% and 23.6% for the three and nine months ended September 30, 2024, respectively, which is higher than the 21.0% U.S. federal corporate statutory rate, primarily due to increases for state taxes and foreign withholding taxes, partially offset by benefits from the research and development credit.

We reported an adjusted tax rate of 22.2% and 22.1% for the three and nine months ended September 30, 2023, respectively, which is higher than the 21.0% U.S. federal corporate statutory rate, primarily due to increases for state taxes and foreign withholding taxes, partially offset by benefits from the foreign rate differential and the research and development credit.

***Leverage Ratio***

| | Trailing Twelve Months Ended September 30, 2024 |
|---|---|
| **Reconciliation of Net income attributable to TransUnion to Adjusted EBITDA:** | |
| Net income attributable to TransUnion | $ 224.2 |
| Net interest expense | 248.6 |
| Provision for income taxes | 53.6 |
| Depreciation and amortization | 533.8 |
| **EBITDA** | $ 1,060.2 |
| **Adjustments to EBITDA:** | |
| Stock-based compensation | $ 113.0 |
| Mergers and acquisitions, divestitures and business optimization[1] | 27.2 |
| Accelerated technology investment[2] | 75.6 |
| Operating model optimization program[3] | 164.0 |
| Net other[4] | 14.4 |
| **Total adjustments to EBITDA** | $ 394.3 |
| **Leverage Ratio Adjusted EBITDA** | $ 1,454.5 |
| | |
| Total debt | $ 5,201.4 |
| Less: Cash and cash equivalents | 643.2 |
| Net Debt | $ 4,558.2 |
| | |
| Ratio of Net Debt to Net income attributable to TransUnion | 20.3 |
| Leverage Ratio | 3.1 |

As a result of displaying amounts in millions, rounding differences may exist in the table above.

1. Mergers and acquisitions, divestitures and business optimization consisted of the following adjustments:

| | Trailing Twelve Months Ended September 30, 2024 |
|---|---|
| Transaction and integration costs | $ 16.9 |
| Fair value and impairment adjustments | 10.3 |
| Post-acquisition adjustments | 0.1 |
| Transition services agreement income | (0.1) |
| Total mergers and acquisitions, divestitures and business optimization | $ 27.2 |

2. Represents expenses associated with our accelerated technology investment to migrate to the cloud. There are three components of the accelerated technology investment: (i) building foundational capabilities which includes establishing a modern, API-based and services-oriented software architecture, (ii) the migration of each application and customer data to the new enterprise platform including the redundant software costs during the migration period, as well as the efforts to decommission the legacy system, and (iii) program enablement, which includes dedicated resources to support the planning and execution of the program. The amounts for each category of cost are as follows:

| | Trailing Twelve Months Ended September 30, 2024 |
|---|---|
| Foundational Capabilities | $ 33.0 |
| Migration Management | 37.5 |
| Program Enablement | 5.1 |
| Total accelerated technology investment | $ 75.6 |

3. Operating model optimization consisted of the following adjustments:

| | Trailing Twelve Months Ended September 30, 2024 |
|---|---|
| Employee separation | $ 96.6 |
| Facility exit | 45.5 |
| Business process optimization | 21.9 |
| Total operating model optimization | $ 164.0 |

4. Net other consisted of the following adjustments:

| | Trailing Twelve Months Ended September 30, 2024 |
|---|---|
| Deferred loan fee expense from debt prepayments and refinancings | $ 15.4 |
| Other debt financing expenses | 2.3 |
| Currency remeasurement on foreign operations | (2.2) |
| Other non-operating (income) and expense | (1.2) |
| Total other adjustments | $ 14.4 |

**Application of Critical Accounting Estimates**

We prepare our consolidated financial statements in conformity with GAAP. The notes to our unaudited consolidated financial statements include disclosures about our significant accounting policies. These accounting policies require us to make certain judgments and estimates in reporting our operating results and our assets and liabilities. See Part II, Item 7, “Application of Critical Accounting Estimates” and Part II, Item 8, Note 1, “Significant Accounting and Reporting Policies” of our Annual Report on Form 10-K for the year ended December 31, 2023, filed with the Securities and Exchange Commission on February 28, 2024, for additional information about our critical accounting estimates.

**Liquidity and Capital Resources**

***Overview***

Our principal sources of liquidity are cash flows provided by operating activities, cash and cash equivalents on hand, and our Senior Secured Revolving Line of Credit. Our principal uses of liquidity are working capital, capital expenditures, debt service and other capital structure obligations, business acquisitions, dividends, and other general corporate purposes. We believe our cash-on-hand, cash generated from operations and funds available under the Senior Secured Revolving Line of Credit will be sufficient to fund our planned capital expenditures, debt service and other capital structure obligations, business acquisitions, dividends and operating needs for at least the next twelve months. Our ability to maintain adequate liquidity for our operations in the future is dependent upon a number of factors, including our revenue, macroeconomic conditions, our ability to contain costs, including capital expenditures, and to collect accounts receivable, and various other factors, many of which are beyond our control. We will continue to monitor our liquidity position and may elect to raise funds through debt or equity financing in the future to fund significant investments or acquisitions that are consistent with our growth strategy.

Cash and cash equivalents totaled $643.2 million and $476.2 million at September 30, 2024 and December 31, 2023, respectively, of which $464.1 million and $356.4 million was held outside the United States in each respective period. As of September 30, 2024, we had no outstanding balance under the Senior Secured Revolving Credit Facility and $1.2 million of outstanding letters of credit and could have borrowed up to the remaining $598.8 million available.

We also have the ability to request incremental loans on the same terms under the existing Senior Secured Credit Facility up to the greater of an additional $1,000.0 million and 100% of Consolidated EBITDA. In addition, as long as the senior secured net leverage ratio does not exceed 4.25-to-1, we may incur additional incremental loans, subject to certain additional conditions and commitments by existing or new lenders to fund any additional borrowings.

With certain exceptions, the Senior Secured Credit Facility obligations are secured by a first-priority security interest in substantially all of the assets of Trans Union LLC, including its investments in subsidiaries. The Senior Secured Credit Facility contains various restrictions and nonfinancial covenants, along with a senior secured net leverage ratio test. The nonfinancial covenants include restrictions on dividends, investments, dispositions, future borrowings and other specified payments, as well as additional reporting and disclosure requirements. The senior secured net leverage test must be met as a condition to incur additional indebtedness, make certain investments, and may be required to make certain restricted payments. The senior secured net leverage ratio must not exceed 5.5-to-1 at any such measurement date.

Each year, the Company may be required to make additional principal payments on the Senior Secured Term Loan B based on excess cash flows of the prior year, as defined in the agreement. There were no excess cash flows for 2023 and therefore no additional payment will be required in 2024. See Part I, Item 1, “Financial Information - Notes to Unaudited Consolidated Financial Statements,” Note 10, “Debt” for additional information about our debt.

In the first three quarters of 2024, we paid dividends of $0.105 per share totaling $61.7 million. Dividends declared accrue to outstanding restricted stock units and are paid to employees as dividend equivalents when the restricted stock units vest. While we currently expect to continue to pay quarterly dividends, any determination to pay dividends in the future will be at the discretion of our Board and will depend on a number of factors, including our liquidity, results of operations, financial condition, contractual restrictions, restrictions imposed by applicable law and other factors that our Board deems appropriate. We currently have capacity and intend to continue to pay a quarterly dividend, subject to approval by our Board.

On February 13, 2017, our Board authorized the repurchase of up to $300.0 million of our common stock over the next 3 years. Our Board removed the three-year time limitation on February 8, 2018. To date, we have repurchased $133.5 million of our common stock and have the ability to repurchase the remaining $166.5 million.

We have no obligation to repurchase additional shares and the timing, actual number and value of the shares that are repurchased, if any, will be at the discretion of management and will depend on a number of factors, including market conditions, the cost of repurchasing shares, the availability of alternative investment opportunities, liquidity and other factors deemed appropriate. Repurchases may be suspended, terminated or modified at any time for any reason. Any repurchased shares will have the status of treasury shares and may be used, if and when needed, for general corporate purposes.

***Sources and Uses of Cash***

| | Nine Months Ended September 30, | | |
|---|---|---|---|
| | 2024 | 2023 | Change |
| Cash provided by operating activities | $ 578.5 | $ 443.6 | $ 134.9 |
| Cash used in investing activities | (195.1) | (230.5) | 35.4 |
| Cash used in financing activities | (219.5) | (375.3) | 155.8 |
| Effect of exchange rate changes on cash and cash equivalents | 3.1 | (2.2) | 5.3 |
| Net change in cash and cash equivalents | $ 167.0 | $ (164.4) | $ 331.4 |

*Operating Activities*

The increase in cash provided by operating activities was primarily due to improved operating performance, partially offset by employee separation payments and a penalty paid for the early termination of a facility lease, both of which were in connection with our operating model optimization program.

*Investing Activities*

The decrease in cash used in investing activities was primarily due to prior year investments in nonconsolidated affiliates and lower capital expenditures.

*Financing Activities*

The decrease in cash used in financing activities was primarily due to a decrease in debt prepayments.

***Capital Expenditures***

We make capital expenditures to grow our business by developing new and enhanced capabilities, to increase the effectiveness and efficiency of the organization and to reduce risks. We make capital expenditures for product development, disaster recovery, security enhancements, regulatory compliance and the replacement and upgrade of existing equipment at the end of its useful life.

Cash paid for capital expenditures decreased $14.5 million, from $213.2 million for the nine months ended September 30, 2023, to $198.7 million for the nine months ended September 30, 2024. Capital expenditures as a percent of revenue represented 6% and 7% for the nine months ended September 30, 2024 and 2023, respectively.

***Debt***

*Hedges*

In September 2024, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loan or similar replacement debt. The swaps commence on December 31, 2024, and expire on December 31, 2027, with a current aggregate notional amount of $400.0 million that amortizes each quarter. The swaps require us to pay fixed rates varying between 3.0650% and 3.1495% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

On November 16, 2022, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loan or similar replacement debt. The swaps commenced on December 30, 2022, and expire on December 31, 2024, with a current aggregate notional amount of $1,285.0 million that amortizes each quarter. The swaps require us to pay fixed rates varying between 4.3380% and 4.3870% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

On December 23, 2021, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loan or similar replacement debt. The swaps commenced on December 31, 2021, and expire on December 31, 2026, with a current aggregate notional amount of $1,556.0 million that amortizes each quarter. The swaps require us to pay fixed rates varying between 1.3800% and 1.3915% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

On March 10, 2020, we entered into interest rate swap agreements with various counterparties that effectively fix our variable interest rate exposure on a portion of our Senior Secured Term Loans or similar replacement debt. The swaps commenced on June 30, 2022, and expire on June 30, 2025, with a current aggregate notional amount of $1,065.0 million that amortizes each quarter after it commences. The swaps require us to pay fixed rates varying between 0.8680% and 0.8800% in exchange for receiving a variable rate that matches the variable rate on our loans. We have designated these swap agreements as cash flow hedges.

*Effect of Certain Debt Covenants*

A breach of any of the covenants under the agreements governing our debt could limit our ability to borrow funds under the Senior Secured Revolving Line of Credit and could result in a default under the Senior Secured Credit Facility. Upon the occurrence of an event of default under the Senior Secured Credit Facility, the lenders could elect to declare all amounts then outstanding to be immediately due and payable, and the lenders could terminate all commitments to extend further credit. If we were unable to repay the amounts declared due, the lenders could proceed against any collateral granted to them to secure that indebtedness.

With certain exceptions, the Senior Secured Credit Facility obligations are secured by a first-priority security interest in substantially all of the assets of Trans Union LLC, including its investment in subsidiaries. The Senior Secured Credit Facility contains various restrictions and nonfinancial covenants, along with a senior secured net leverage ratio test. The nonfinancial covenants include restrictions on dividends, investments, dispositions, future borrowings and other specified payments, as well as additional reporting and disclosure requirements. The senior secured net leverage test must be met as a condition to incur additional indebtedness, make certain investments, and may be required to make certain restricted payments. The senior secured net leverage ratio must not exceed 5.5-to-1 at any such measurement date. Under the terms of the Senior Secured Credit Facility, TransUnion may make dividend payments up to the greater of $100 million or 10.0% of Consolidated EBITDA per year, or an unlimited amount provided that no default or event of default exists and so long as the total net leverage ratio does not exceed 4.75-to-1. As of September 30, 2024, we were in compliance with all debt covenants.

Our ability to meet our liquidity needs or to pay dividends on our common stock depends on our subsidiaries' earnings, the terms of their indebtedness, and other contractual restrictions.

For additional information about our debt and hedge, see Part I, Item 1, "Financial Information - Notes to Unaudited Consolidated Financial Statements," Note 10, "Debt."

***Contractual Obligations***

Refer to the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2023 in Part II, Item 8, "Financial Statements and Supplementary Data – Notes to Consolidated Financial Statements," Note 13, "Debt" and Note 22, "Commitments" for information about our long-term debt obligations, noncancelable lease obligations, and noncancelable purchase obligations as of December 31, 2023.

**Recent Accounting Pronouncements**

See Part I, Item 1, "Financial Information - Notes to Unaudited Consolidated Financial Statements," Note 1, "Significant Accounting and Reporting Policies" for information about recent accounting pronouncements and the impact on our consolidated financial statements.

**Cautionary Notice Regarding Forward-Looking Statements**

This Quarterly Report on Form 10-Q, including the exhibits hereto, contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. These statements are based on the current beliefs and expectations of TransUnion's management and are subject to significant risks and uncertainties. Actual results may differ materially from those described in the forward-looking statements. Any statements made in this report that are not statements of historical fact, including statements about our beliefs and expectations, are forward-looking statements. Forward-looking statements include information concerning possible or assumed future results of operations, including descriptions of our business plans and strategies. These statements often include words such as "anticipate," "expect," "guidance," "suggest," "plan," "believe," "intend," "estimate," "target," "project," "should," "could," "would," "may," "will," "forecast," "outlook," "potential," "continues," "seeks," "predicts," or the negatives of these words and other similar expressions.

Factors that could cause actual results to differ materially from those described in the forward-looking statements, or that could materially affect our financial results or such forward-looking statements include:

- macroeconomic effects and changes in market conditions, including the impact of inflation, risk of recession, and industry trends and adverse developments in the debt, consumer credit and financial services markets, including the impact on the carrying value of our assets in all of the markets where we operate;
- our ability to provide competitive services and prices;
- our ability to retain or renew existing agreements with large or long-term customers;
- our ability to maintain the security and integrity of our data;
- our ability to deliver services timely without interruption;
- our ability to maintain our access to data sources;
- government regulation and changes in the regulatory environment;
- litigation or regulatory proceedings;
- our ability to effectively manage our costs;
- our efforts to execute our transformation plan and achieve the anticipated benefits and savings;
- our ability to remediate existing material weakness in our internal control over financial reporting and maintain effective internal control over financial reporting and disclosure controls and procedures;
- economic and political stability in the United States and international markets where we operate;
- our ability to effectively develop and maintain strategic alliances and joint ventures;
- our ability to timely develop new services and the market's willingness to adopt our new services;
- our ability to manage and expand our operations and keep up with rapidly changing technologies;
- our ability to acquire businesses, successfully secure financing for our acquisitions, timely consummate our acquisitions, successfully integrate the operations of our acquisitions, control the costs of integrating our acquisitions and realize the intended benefits of such acquisitions;
- our ability to protect and enforce our intellectual property, trade secrets and other forms of unpatented intellectual property;
- our ability to defend our intellectual property from infringement claims by third parties;

- geopolitical conditions and other risks associated with our international operations;
- the ability of our outside service providers and key vendors to fulfill their obligations to us;
- further consolidation in our end-customer markets;
- the increased availability of free or inexpensive consumer information;
- losses against which we do not insure;
- our ability to make timely payments of principal and interest on our indebtedness;
- our ability to satisfy covenants in the agreements governing our indebtedness;
- our ability to maintain our liquidity;
- share repurchase plans; and
- our reliance on key management personnel.

There may be other factors, many of which are beyond our control, that may cause our actual results to differ materially from the forward-looking statements, including factors disclosed in our Annual Report on Form 10-K for the year ended December 31, 2023, and any subsequent Quarterly Report on Form 10-Q or Current Report on Form 8-K filed with the Securities and Exchange Commission, and in this report under the sections entitled "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations." You should evaluate all forward-looking statements made in this report in the context of these risks and uncertainties.

The forward-looking statements contained in this report speak only as of the date of this report. We undertake no obligation to publicly release the result of any revisions to these forward-looking statements to reflect the impact of events or circumstances that may arise after the date of this report.

## ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

There have been no other material changes from the quantitative and qualitative disclosures about market risk included in our Annual Report on Form 10-K for the year ended December 31, 2023.

In the normal course of business, we are exposed to market risk, primarily from changes in variable interest rates and foreign currency exchange rates, which could impact our results of operations and financial position. We manage the exposure to this market risk through our regular operating and financing activities. We may use derivative financial instruments, such as foreign currency and interest rate hedges, but only as a risk management tool and not for speculative or trading purposes.

### *Interest Rate Risk*

Our Senior Secured Credit Facility consists of Senior Secured Term Loans and a $600.0 million Senior Secured Revolving Line of Credit. Interest rates on these borrowings are based, at our election, on Term SOFR plus a credit spread adjustment, or an alternate base rate, subject to floors, plus applicable margins based on applicable net leverage ratios. As of December 31, 2023, essentially all of our outstanding debt was variable-rate debt. We currently have several interest rate hedge instruments that effectively fix our variable interest rate exposure on approximately 74.5% of our outstanding debt. Based on the amount of unhedged outstanding variable-rate debt, we have a material exposure to interest rate risk. In the future, our exposure to interest rate risk may change due to changes in the amount borrowed, changes in interest rates or changes in the amount we have hedged. The amount of our outstanding debt, and the ratio of fixed-rate debt to variable-rate debt, can be expected to vary as a result of future business requirements, market conditions or other factors. A 10% change in the average 1 month Term SOFR rates utilized in the calculation of our actual interest expense during the quarter would have increased our annual interest expense by approximately $7.2 million.

See Part I, Item 1, "Financial Information - Notes to Unaudited Consolidated Financial Statements," Note 10, "Debt" for additional information about interest rates on our debt.

### *Foreign Currency Exchange Rate Risk*

A substantial majority of our revenue, expense and capital expenditure activities are transacted in U.S. dollars. However, we transact business in a number of foreign currencies, including British pounds sterling, the South African rand, the Canadian dollar, the Indian rupee, the Colombian peso and the Brazilian real. In reporting the results of our foreign operations, we benefit from a weaker U.S. dollar and are adversely affected by a stronger U.S. dollar relative to the foreign currencies.

We are required to translate the assets and liabilities of our foreign subsidiaries that are measured in foreign currencies at the applicable period-end exchange rate in our Consolidated Balance Sheets. We are required to translate revenue and expenses at the average exchange rates prevailing during the year in our Consolidated Statements of Operations. The resulting translation adjustment is included in other comprehensive income as a component of stockholders' equity. Transaction gains and losses

that arise from exchange rate fluctuations on transactions denominated in a currency other than the functional currency are included in other income and expense as incurred.

## ITEM 4. CONTROLS AND PROCEDURES

### Disclosure Controls and Procedures

Our management, with the participation of our Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this report. The term "disclosure controls and procedures" as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act means controls and other procedures of a company that are designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms.

Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by a company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the company's management, including its principal executive and principal financial officers, as appropriate, to allow timely decisions regarding required disclosure. Management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving their objectives, and management necessarily applies its judgment in evaluating the cost-benefit relationship of possible controls and procedures. Based on the evaluation of our disclosure controls and procedures as of September 30, 2024, our Chief Executive Officer and Chief Financial Officer concluded that, as of such date, our disclosure controls and procedures were not effective because of the material weakness in internal control over financial reporting discussed below.

***Material Weakness in Internal Control Over Financial Reporting***

A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of our annual or interim financial statements will not be prevented or detected on a timely basis. As previously disclosed in our Annual Report on Form 10-K for December 31, 2023, we have identified the following material weakness, which remains unremediated as of September 30, 2024:

We did not design and maintain effective controls over the classification of certain costs between cost of services and selling, general and administrative in the Consolidated Statements of Operations. This material weakness resulted in an error in the classification of certain costs between cost of services and selling, general and administrative, and the revision of the annual financial statements previously issued for 2022 and 2021 and the unaudited interim financial statements previously issued for the 2023 and 2022 interim periods.

Additionally, this material weakness could result in misstatements of the aforementioned accounts or disclosures that would result in a material misstatement to the annual or interim consolidated financial statements that would not be prevented or detected.

***Management's Remediation Efforts on Classification of Certain Costs between Cost of Services and Selling, General and Administrative Material Weakness***

To date, we have implemented certain remediation activities to address the material weakness. We have (1) enhanced our policy for classification of expenses, (2) implemented additional communications and training, (3) improved the process of validating costs to ensure appropriate classification of expenses, and (4) designed additional controls to monitor the recording of costs across cost of services and selling, general and administrative. Management is in the process of testing and validating these remediation activities to ensure the related controls are effective and can operate on a sustained basis.

We believe we have made substantial progress toward achieving effective internal control over financial reporting and disclosure controls and procedures. The activities that we are undertaking are subject to ongoing senior management review, as well as Audit Committee oversight. We will not be able to conclude whether the steps we are taking will remediate the material weakness until we have completed our remediation efforts and performed a subsequent evaluation of their effectiveness.

***Changes in Internal Controls over Financial Reporting***

During the quarter covered by this report, there have been no changes in our internal controls over financial reporting that have materially affected, or are reasonably likely to materially affect, our internal controls over financial reporting.

## PART II. OTHER INFORMATION

None.

## ITEM 1. LEGAL PROCEEDINGS

### General

Refer to Part I, Item 3, "Legal Proceedings," of our Annual Report on Form 10-K for the year ended December 31, 2023, and Part II, Item 1, "Legal Proceedings" of all subsequently filed Quarterly Reports on Form 10-Q, including this Quarterly Report, and Part I, Item 1, Note 17 "Contingencies," of this Quarterly Report for a full description of our material pending legal and regulatory matters.

## ITEM 1A. RISK FACTORS

In addition to the other information included in this report, you should carefully consider the factors discussed in Part I, Item 1A "Risk Factors" included in our Annual Report on Form 10-K for the year ended December 31, 2023, and any subsequently filed Quarterly Reports on Form 10-Q, as well as the factors identified under "Cautionary Statement Regarding Forward-Looking Statements" at the end of Part I, Item 2 of this Quarterly Report on Form 10-Q, which could materially affect our business, financial condition or future results. The risks described in these reports are not the only risks facing TransUnion. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial may also materially adversely affect our business, financial condition, and operating results.

## ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

(a) Recent Sales of Unregistered Securities

Not applicable.

(b) Use of Proceeds

Not applicable.

(c) Issuer Purchases of Equity Securities

| | Total Number of Shares Purchased[1] | Average Price Paid Per Share | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs | Approximate Dollar Value, in millions, of Shares that May Yet Be Purchased Under the Plans or Programs[(2)] |
|---|---|---|---|---|
| July 1 to July 31 | 3,924 | $ 73.76 | — | $ 166.5 |
| August 1 to August 31 | 190,345 | 96.34 | — | $ 166.5 |
| September 1 to September 30 | 1,064 | 101.13 | — | $ 166.5 |
| Total | 195,333 | | — | $ 166.5 |

1. Represents shares that were repurchased from employees for withholding taxes on options exercised and restricted stock units vesting pursuant to the terms of the Company's equity compensation plans and net settled.

2. On February 13, 2017, our Board authorized the repurchase of up to $300.0 million of common stock over the next three years. On February 8, 2018, our Board removed the three-year time limitation. Prior to the fourth quarter of 2017, we had purchased approximately $133.5 million of common stock under the program and may purchase up to an additional $166.5 million. Additional repurchases may be made from time to time at management's discretion at prices management considers to be attractive through open market purchases or through privately negotiated transactions, subject to availability. Open market purchases will be conducted in accordance with the limitations set forth in Rule 10b-18 of the Exchange Act and other applicable legal requirements. We have no obligation to repurchase additional shares, and the timing, actual number and value of the shares that are repurchased, if any, will be at the discretion of management and will depend on a number of factors, including market conditions, the cost of repurchasing shares, the availability of alternative investment opportunities, liquidity, and other factors deemed appropriate. Repurchases may be suspended, terminated or modified at any time for any reason. Any repurchased shares will have the status of treasury shares and may be used, if and when needed, for general corporate purposes.

## ITEM 5. OTHER INFORMATION

On August 8, 2024, Steven M. Chaouki, President, U.S. Markets, adopted a Rule 10b5-1 trading arrangement ("10b5-1 Plan") that is intended to satisfy the affirmative defense of Rule 10b5-1(c) for the sale of up to 11,000 shares of the Company's common stock until July 3, 2025. On August 19, 2024, George M. Awad, Director, adopted a 10b5-1 Plan that is intended to satisfy the affirmative defense of Rule 10b5-1(c) for the sale of up to 24,000 shares of the Company's common stock until August 15, 2025.

## ITEM 6. EXHIBITS

| | |
|---|---|
| 3.1 | Third Amended and Restated Certificate of Incorporation of TransUnion (Incorporated by reference to Exhibit 3.1.2 to TransUnion's Current Report on Form 8-K filed May 18, 2020). |
| 3.2 | Fifth Amended and Restated Bylaws of TransUnion amended as of February 21, 2024 (Incorporated by reference to Exhibit 3.1 to TransUnion's Current Report on Form 8-K filed February 27, 2024). |
| 10.1**† | Form of TransUnion Executive Severance and Restrictive Covenant Agreement, as amended. |
| 31.1** | TransUnion Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 31.2** | TransUnion Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. |
| 32** | TransUnion Certification of Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. |
| 101.SCH** | XBRL Taxonomy Extension Schema Document. |
| 101.CAL** | XBRL Taxonomy Extension Calculation Linkbase Document. |
| 101.LAB** | XBRL Taxonomy Extension Label Linkbase Document. |
| 101.PRE** | XBRL Taxonomy Extension Presentation Linkbase Document. |
| 101.DEF** | XBRL Taxonomy Extension Definition Linkbase Document. |
| 104 | The cover page from this Quarterly Report on Form 10-Q for the quarter ended September 30, 2024, formatted in Inline XBRL (included with Exhibit 101 attachments). |

** Filed or furnished herewith.

† Identifies management contracts and compensatory plans or arrangement.

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, as amended, the Registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

TransUnion

October 23, 2024 By /s/ Todd M. Cello

Todd M. Cello

Executive Vice President, Chief Financial Officer

(Principal Financial Officer)

October 23, 2024 By /s/ Jennifer A. Williams

Jennifer A. Williams

Senior Vice President, Chief Accounting Officer
(Principal Accounting Officer)