ALLIANCE DATA SYSTEMS CORP

Form 10-Q August 08, 2016

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 R 1934

For the quarterly period ended June 30, 2016

OR

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

For the transition period from to

Commission File Number: 001-15749

ALLIANCE DATA SYSTEMS CORPORATION

(Exact name of registrant as specified in its charter)

Delaware 31-1429215

(State or other jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.)

7500 Dallas Parkway, Suite 700

Plano, Texas 75024

(Address of principal executive office, including zip code)

(214) 494-3000

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant: (1) has filed all reports required 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 R No £

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulations S-T ($\S232.405$ of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes R No £

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

Large accelerated filer R Accelerated filer \pounds Non-accelerated filer \pounds (Do not check if a smaller reporting company) Smaller reporting company \pounds

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes £ No R

As of July 27, 2016, 58,529,080 shares of common stock were outstanding.

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PART I

Item 1. Financial Statements.

ALLIANCE DATA SYSTEMS CORPORATION

UNAUDITED CONDENSED CONSOLIDATED BALANCE SHEETS

| ACCEPTE | June 30, 2016 (In millions per share an | _ |
|---|--|------------|
| ASSETS Cash and cash equivalents | \$1,316.5 | \$1,168.0 |
| Trade receivables, less allowance for doubtful accounts (\$8.1 and \$4.0 at June 30, 2016 and | , ,,, | , , |
| December 31, 2015, respectively) | 666.4 | 706.5 |
| Credit card and loan receivables: | | |
| Credit card receivables – restricted for securitization investors | 9,748.6 | 10,592.4 |
| Other credit card and loan receivables | 4,236.6 | 3,207.1 |
| Total credit card and loan receivables | 13,985.2 | 13,799.5 |
| Allowance for loan loss | (782.6) | (741.6) |
| Credit card and loan receivables, net | 13,202.6 | 13,057.9 |
| Credit card and loan receivables held for sale | 508.1 | 95.5 |
| Deferred tax asset, net | _ | 288.1 |
| Inventories, net | 225.4 | 228.0 |
| Other current assets | 296.9 | 249.8 |
| Redemption settlement assets, restricted | 473.2 | 456.6 |
| Total current assets | 16,689.1 | 16,250.4 |
| Property and equipment, net | 584.1 | 576.7 |
| Deferred tax asset, net | 3.2 | 0.6 |
| Intangible assets, net | 1,128.8 | 1,203.7 |
| Goodwill | 3,835.1 | 3,814.1 |
| Other non-current assets | 530.9 | 504.4 |
| Total assets | \$22,771.2 | \$22,349.9 |
| LIABILITIES AND EQUITY | | |
| Accounts payable | \$397.5 | \$442.4 |
| Accrued expenses | 273.0 | 566.5 |
| Current portion of deposits | 3,479.5 | 2,980.3 |
| Current portion of non-recourse borrowings of consolidated securitization entities | 2,084.0 | 1,049.3 |
| Current portion of long-term and other debt | 229.8 | 369.4 |
| Other current liabilities | 307.0 | 294.5 |
| Deferred revenue | 702.6 | 699.0 |
| Deferred tax liability, net | | 1.7 |
| Total current liabilities | 7,473.4 | 6,403.1 |
| Deferred revenue | 151.3 | 145.9 |
| Deferred tax liability, net | 336.2 | 631.5 |
| Deposits | 3,386.3 | 2,625.6 |
| Non-recourse borrowings of consolidated securitization entities | 3,916.2 | 5,433.4 |
| Long-term and other debt | 5,485.9 | 4,648.0 |
| Other liabilities | 292.2 | 285.0 |
| Total liabilities | 21,041.5 | 20,172.5 |
| Commitments and contingencies (Note 11) | | |

| Redeemable non-controlling interest | | 167.4 |
|---|------------|------------|
| Stockholders' equity: | | |
| Common stock, \$0.01 par value; authorized, 200.0 shares; issued, 112.4 shares and 112.1 | | |
| shares at June 30, 2016 and December 31, 2015, respectively | 1.1 | 1.1 |
| Additional paid-in capital | 3,003.7 | 2,981.0 |
| Treasury stock, at cost, 53.8 shares and 51.3 shares at June 30, 2016 and December 31, 2015, | | |
| respectively | (4,450.7) | (3,927.3) |
| Retained earnings | 3,306.8 | 3,092.5 |
| Accumulated other comprehensive loss | (131.2) | (137.3) |
| Total stockholders' equity | 1,729.7 | 2,010.0 |
| Total liabilities and equity | \$22,771.2 | \$22,349.9 |
| | | |
| Can an amendment of a state of a sum and its discount and a sum all ideas of financial statements | | |

See accompanying notes to unaudited condensed consolidated financial statements.

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ALLIANCE DATA SYSTEMS CORPORATION UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF INCOME

| ONAUDITED CONDENSED CONSOLIDATED STATEMENTS OF IN | | 41. 0 | | |
|--|----------------|--------------|--------------|----------|
| | Three Months | | | |
| | Ended | | Six Mont | ns Ended |
| | June 30, | 2015 | June 30, | 2015 |
| | 2016 | 2015 | 2016 | 2015 |
| | (In million | ns, except p | per share ar | nounts) |
| Revenues | * * * * * * * | * * * * * * | * | * |
| Transaction | \$68.9 | \$86.8 | \$151.3 | \$180.1 |
| Redemption | 262.1 | 218.1 | 540.2 | 526.3 |
| Finance charges, net | 882.3 | 684.0 | 1,690.3 | 1,363.4 |
| Marketing services | 469.1 | 465.4 | 921.1 | 936.6 |
| Other revenue | 66.4 | 46.3 | 122.1 | 95.4 |
| Total revenue | 1,748.8 | 1,500.6 | 3,425.0 | 3,101.8 |
| Operating expenses | | | | |
| Cost of operations (exclusive of depreciation and amortization disclosed | | | | |
| separately below) | 1,027.9 | 896.6 | 2,031.9 | 1,886.4 |
| Provision for loan loss | 227.8 | 155.3 | 399.7 | 290.3 |
| General and administrative | 42.9 | 40.9 | 70.5 | 71.1 |
| Depreciation and other amortization | 41.1 | 34.9 | 80.9 | 68.5 |
| Amortization of purchased intangibles | 88.5 | 87.2 | 177.1 | 175.2 |
| Total operating expenses | 1,428.2 | 1,214.9 | 2,760.1 | 2,491.5 |
| Operating income | 320.6 | 285.7 | 664.9 | 610.3 |
| Interest expense | | | | |
| Securitization funding costs | 30.0 | 24.6 | 60.4 | 48.4 |
| Interest expense on deposits | 20.2 | 11.6 | 37.4 | 23.4 |
| Interest expense on long-term and other debt, net | 53.5 | 44.5 | 104.7 | 87.0 |
| Total interest expense, net | 103.7 | 80.7 | 202.5 | 158.8 |
| Income before income tax | \$216.9 | \$205.0 | \$462.4 | \$451.5 |
| Provision for income taxes | 76.2 | 75.0 | 162.8 | 156.6 |
| Net income | \$140.7 | \$130.0 | \$299.6 | \$294.9 |
| Less: Net income (loss) attributable to non-controlling interest | · — | (1.3) | | 1.0 |
| Net income attributable to common stockholders | \$140.7 | \$131.3 | \$297.8 | \$293.9 |
| | , | , | , | , |
| Net income attributable to common stockholders per share: | | | | |
| Basic (Note 2) | \$1.24 | \$2.12 | \$3.61 | \$4.46 |
| Diluted (Note 2) | \$1.24 | \$2.11 | \$3.60 | \$4.43 |
| 210000 (21000 2) | Ψ 1.2 . | 4-111 | Ψ2.00 | Ψυ |
| Weighted average shares: | | | | |
| Basic (Note 2) | 58.8 | 61.9 | 59.3 | 62.5 |
| Diluted (Note 2) | 59.0 | 62.3 | 59.6 | 63.0 |
| Different (11010 2) | 57.0 | 02.5 | 37.0 | 05.0 |

See accompanying notes to unaudited condensed consolidated financial statements.

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ALLIANCE DATA SYSTEMS CORPORATION UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

| | Three Months Ended June 30, | Six Months Ended June 30, |
|--|--|---------------------------|
| | 2016 2015 (In millions) | 2016 2015 |
| Net income | \$140.7 \$130.0 | \$299.6 \$294.9 |
| Other comprehensive income (loss): Unrealized gain (loss) on securities available-for-sale Tax benefit (expense) Unrealized gain (loss) on securities available-for-sale, net of tax | 2.1 (3.0) (0.3) 0.6 1.8 (2.4) | (1.4) 0.1 |
| Unrealized gain (loss) on cash flow hedges Tax benefit (expense) Unrealized gain (loss) on cash flow hedges, net of tax | 1.5 (0.6) (0.4) 0.1 1.1 (0.5) | 0.5 0.9 |
| Unrealized gain (loss) on net investment hedge | 8.3 — | (7.3) — |
| Foreign currency translation adjustments | (14.2) 18.1 | 11.0 (44.5) |
| Other comprehensive income (loss), net of tax | (3.0) 15.2 | 6.1 (48.9) |
| Total comprehensive income, net of tax Less: Comprehensive income (loss) attributable to non-controlling interest Comprehensive income attributable to common stockholders | \$137.7 \$145.2 — (1.8) \$137.7 \$147.0 | |

See accompanying notes to unaudited condensed consolidated financial statements.

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ALLIANCE DATA SYSTEMS CORPORATION UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

| UNAUDITED CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS | | |
|--|---|------------------------|
| | Six Months June 30, 2016 (In millions) | 2015 |
| CASH FLOWS FROM OPERATING ACTIVITIES: | (III IIIIIIIOIIS) | , |
| Net income | \$299.6 | \$294.9 |
| Adjustments to reconcile net income to net cash provided by operating activities: | Ψ277.0 | Ψ Δ / Τ . / |
| Depreciation and amortization | 258.0 | 243.7 |
| Deferred income taxes | (14.0) | |
| Provision for loan loss | 399.7 | (42.9) 290.3 |
| Non-cash stock compensation | 41.4 | 51.5 |
| Amortization of deferred financing costs | 16.8 | 15.5 |
| Change in deferred revenue | | |
| Change in contingent liability | (49.5) | |
| | (302.6) | |
| Change in other operating assets and liabilities, net of acquisitions | , , | (106.6) |
| Originations of credit card and loan receivables held for sale Sales of credit card and loan receivables held for sale | (3,386.5) | (2,888.6) |
| Other | 3,393.9 | 2,856.9 |
| | 74.3 | (24.1) |
| Net cash provided by operating activities | 731.1 | 563.8 |
| CASH FLOWS FROM INVESTING ACTIVITIES: | | |
| Change in redemption settlement assets | 18.4 | (8.6) |
| Change in cash collateral restricted | 2.3 | 16.5 |
| Change in credit card and loan receivables | (352.6) | (272.1) |
| Purchase of credit card portfolios | (749.1) | _ |
| Proceeds from the sale of credit card portfolios | 5.9 | 26.9 |
| Capital expenditures | (107.6) | (88.1) |
| Purchases of other investments | (9.5) | (17.6) |
| Maturities/sales of other investments | 32.7 | 4.8 |
| Other | (9.3) | (1.1) |
| Net cash used in investing activities | (1,168.8) | (339.3) |
| CASH FLOWS FROM FINANCING ACTIVITIES: | | |
| Borrowings under debt agreements | 2,449.9 | 1,751.1 |
| Repayments of borrowings | (1,766.2) | (1,102.3) |
| Payment of acquisition-related contingent consideration | _ | (205.9) |
| Acquisition of non-controlling interest | (360.7) | (87.4) |
| Issuances of deposits | 2,431.8 | 1,010.2 |
| Repayments of deposits | (1,168.3) | (1,205.4) |
| Non-recourse borrowings of consolidated securitization entities | 1,205.0 | 1,620.0 |
| Repayments/maturities of non-recourse borrowings of consolidated securitization entities | (1,690.0) | (1,588.8) |
| Payment of deferred financing costs | (11.1) | (7.3) |
| Purchase of treasury shares | (522.6) | (676.7) |
| Other | 12.5 | 29.4 |
| Net cash provided by (used in) financing activities | 580.3 | (463.1) |
| Effect of exchange rate changes on cash and cash equivalents | 5.9 | (16.3) |
| Change in cash and cash equivalents | 148.5 | (254.9) |
| | | ` / |

| Cash and cash equivalents at beginning of period Cash and cash equivalents at end of period | 1,168.0 \$1,316.5 | 1,077.2 \$822.3 |
|---|----------------------|--------------------|
| SUPPLEMENTAL CASH FLOW INFORMATION: | | |
| Interest paid | \$193.7 | \$152.7 |
| Income taxes paid, net | \$258.9 | \$131.7 |
| See accompanying notes to unaudited condensed consolidated financial statements. | | |

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ALLIANCE DATA SYSTEMS CORPORATION
NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

The unaudited condensed consolidated financial statements included herein have been prepared by Alliance Data Systems Corporation ("ADSC" or, including its consolidated subsidiaries and variable interest entities ("VIEs"), the "Company"), without audit, pursuant to the rules and regulations of the Securities and Exchange Commission ("SEC"). Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP") have been condensed or omitted pursuant to such rules and regulations. However, the Company believes that the disclosures are adequate to make the information presented not misleading. These unaudited condensed consolidated financial statements should be read in conjunction with the consolidated financial statements and the notes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2015, filed with the SEC on February 25, 2016.

The unaudited condensed consolidated financial statements included herein reflect all adjustments (consisting of normal, recurring adjustments) which are, in the opinion of management, necessary to state fairly the results for the interim periods presented. The results of operations for the interim periods presented are not necessarily indicative of the operating results to be expected for any subsequent interim period or for the fiscal year.

The preparation of financial statements in conformity with GAAP requires management to make estimates and assumptions that affect (1) the reported amounts of assets; (2) liabilities and disclosure of contingent assets and liabilities at the date of the financial statements; and (3) the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

For purposes of comparability, certain prior period amounts have been reclassified to conform to the current year presentation in accordance with GAAP.

Recently Issued Accounting Standards

In May 2014, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2014-09, "Revenue from Contracts with Customers," which requires an entity to recognize the amount of revenue to which it expects to be entitled for the transfer of promised goods or services to customers. Companies may adopt ASU 2014-09 using a full retrospective approach or report the cumulative effect as of the date of adoption. On July 9, 2015, the FASB voted to defer the effective date by one year to December 15, 2017 for interim and annual reporting periods beginning after that date and to permit early adoption of the standard, but not before the original effective date of December 15, 2016. The Company is evaluating the impact that adoption of ASU 2014-09 will have on its consolidated financial statements.

In July 2015, the FASB issued ASU 2015-11, "Simplifying the Measurement of Inventory." ASU 2015-11 changes the measurement principle for inventory from the lower of cost or market to the lower of cost and net realizable value. Net realizable value is defined as the estimated selling price in the ordinary course of business, less reasonably predictable costs of completion, disposal and transportation. ASU 2015-11 is effective for interim and annual reporting periods beginning after December 15, 2016, with early adoption permitted. The Company does not expect the adoption of this standard to materially impact its consolidated financial statements.

In January 2016, the FASB issued ASU 2016-01, "Recognition and Measurement of Financial Assets and Financial Liabilities." ASU 2016-01 requires that equity investments be measured at fair value with changes in fair value recognized in net income. For equity investments without readily determinable fair values, entities have the option to either measure these investments at fair value or at cost adjusted for changes in observable prices minus impairment. Additionally, ASU 2016-01 requires entities that elect the fair value option for financial liabilities to recognize changes in fair value related to instrument-specific credit risk in other comprehensive income. Finally, entities must assess valuation allowances for deferred tax assets related to available-for-sale debt securities in combination with their other deferred tax assets. ASU 2016-01 is effective for interim and annual reporting periods beginning after December 15, 2017, with early adoption permitted. The Company is evaluating the impact that adoption of ASU 2016-01 will have on its consolidated financial statements.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) In February 2016, the FASB issued ASU No. 2016-02, "Leases (Topic 842)," that replaces existing lease guidance. The new standard is intended to provide enhanced transparency and comparability by requiring lessees to record right-of-use assets and corresponding lease liabilities on the balance sheet. The new guidance will continue to classify leases as either finance or operating, with classification affecting the pattern of expense recognition in the statement of income. ASU 2016-02 is effective for interim and annual reporting periods beginning after December 15, 2018, with early adoption permitted. The new standard is required to be applied with a modified retrospective approach to each prior reporting period presented with various optional practical expedients. The Company is evaluating the impact that adoption of ASU 2016-02 will have on its consolidated financial statements.

In March 2016, the FASB issued ASU 2016-09, "Improvements to Employee Share-Based Payment Accounting." ASU 2016-09 simplifies certain aspects of share-based transactions, including income tax consequences, forfeitures, classification of awards as either equity or liabilities and classification in the statement of cash flows. ASU 2016-09 is effective for interim and annual reporting periods beginning after December 15, 2016, with early adoption permitted. The Company is evaluating the impact that adoption of ASU 2016-09 will have on its consolidated financial statements.

In June 2016, the FASB issued ASU 2016-13, "Measurement of Credit Losses on Financial Instruments." ASU 2016-13 requires entities to utilize a financial instrument impairment model that is based on expected losses over the life of the exposure rather than a model based on an incurred loss approach to establish an allowance. ASU 2016-13 also expands the disclosure requirements regarding an entity's assumptions, models, and methods for estimating the allowance. In addition, ASU 2016-13 modifies the impairment model for available-for-sale debt securities and provides for a simplified accounting model for purchased financial assets with credit deterioration since their origination. ASU 2016-13 is effective for interim and annual reporting periods beginning after December 15, 2019, with early adoption permitted beginning after December 15, 2018. The Company is evaluating the impact that adoption of ASU 2016-13 will have on its consolidated financial statements.

Recently Adopted Accounting Standards

In February 2015, the FASB issued ASU 2015-02, "Amendments to the Consolidation Analysis," which amended the consolidation requirements in Accounting Standards Codification ("ASC") 810, "Consolidation." ASU 2015-02 makes targeted amendments to the current consolidation guidance for VIEs. ASU 2015-02 is effective for interim and annual periods beginning after December 15, 2015, with retrospective or modified retrospective application allowed. The Company adopted this standard as of January 1, 2016 with modified retrospective application. The adoption of this standard did not have an impact on the Company's consolidated financial statements.

In April 2015, the FASB issued ASU 2015-03, "Simplifying the Presentation of Debt Issuance Costs." ASU 2015-03 requires that debt issuance costs related to a recognized debt liability be presented in the balance sheet as a direct deduction from the carrying amount of that debt liability, consistent with debt discounts. Subsequently, in August 2015, the FASB issued ASU 2015-15, "Imputation of Interest," which adds SEC staff guidance on the presentation of debt issuance costs related to line-of-credit arrangements, allowing for the deferral and presentation of debt issuance costs as an asset and subsequent amortization of the deferred debt issuance costs ratably over the term of the line-of-credit arrangement, regardless of whether there are any outstanding borrowings on the line-of-credit arrangement. The Company maintained the deferral and presentation of these line-of-credit debt issuance costs as an asset. ASU 2015-03 is effective for interim and annual reporting periods beginning after December 15, 2015, with retrospective application required. The Company adopted this standard as of January 1, 2016 with retrospective application. Under ASU 2015-03 and ASU 2015-15, unamortized debt issuance costs of \$72.0 million were reclassified from other non-current assets to a reduction of debt as of December 31, 2015 in the consolidated balance sheets.

In April 2015, the FASB issued ASU 2015-05, "Customer's Accounting for Fees Paid in a Cloud Computing Arrangement." ASU 2015-05 provides guidance about whether a cloud computing arrangement includes a software license and is effective for interim and annual reporting periods beginning after December 15, 2015, with retrospective or prospective application allowed. The Company adopted this standard as of January 1, 2016 with prospective application. The adoption of this standard did not have an impact on the Company's consolidated financial statements.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) In November 2015, the FASB issued ASU 2015-17, "Balance Sheet Classification of Deferred Taxes." ASU 2015-17 requires that all deferred tax assets and liabilities, along with any related valuation allowance, be classified as noncurrent on the balance sheet. ASU 2015-17 is effective for interim and annual periods beginning after December 15, 2016, with retrospective or prospective application allowed and early adoption permitted. The Company's prospective adoption of this standard resulted in a reduction in current deferred tax assets of \$288.1 million, a reduction in current deferred tax liabilities of \$1.7 million, an increase in non-current deferred tax assets of \$0.2 million and a reduction in non-current deferred tax liabilities of \$286.2 million as of January 1, 2016. Prior period amounts were not restated.

2. EARNINGS PER SHARE

The following table sets forth the computation of basic and diluted net income per share for the periods indicated:

| | Three N | Months | Six Mo | nths | |
|--|--------------------------------|---------------|----------|----------|--|
| | Ended | | Ended | | |
| | June 30, June 3 | | | ', | |
| | 2016 | 2015 | 2016 | 2015 | |
| | (In millions, except per share | | | nare | |
| | amount | s) | | | |
| Numerator: | | | | | |
| Net income attributable to common stockholders | \$ 140.7 | \$ 131.3 | \$ 297.8 | \$ 293.9 | |
| Less: Accretion of redeemable non-controlling interest | 67.6 | | 83.5 | 15.2 | |
| Net income attributable to common stockholders after accretion of redeemable | | | | | |
| non-controlling interest | \$ 73.1 | \$ 131.3 | \$ 214.3 | \$ 278.7 | |
| | | | | | |
| Denominator: | | | | | |
| Weighted average shares, basic | 58.8 | 61.9 | 59.3 | 62.5 | |
| Weighted average effect of dilutive securities: | | | | | |
| Net effect of dilutive stock options and unvested restricted stock | 0.2 | 0.4 | 0.3 | 0.5 | |
| Denominator for diluted calculations | 59.0 | 62.3 | 59.6 | 63.0 | |
| | | | | | |
| Net income attributable to common stockholders per share: | | | | | |
| Basic | \$ 1.24 | \$ 2.12 | \$ 3.61 | \$ 4.46 | |
| Diluted | \$ 1.24 | \$ 2.11 | \$ 3.60 | \$ 4.43 | |
| | 1. | | C 41 | | |

See Note 12, "Redeemable Non-Controlling Interest," for additional information regarding accretion of the redeemable non-controlling interest.

For the three and six months ended June 30, 2016, approximately 0.3 million and 0.2 million restricted stock units, respectively, were excluded from the calculation of weighted average dilutive common shares as the effect would have been anti-dilutive. There were no anti-dilutive shares excluded from the calculation of weighted average dilutive common shares for each of the three months and six months ended June 30, 2015.

3. CREDIT CARD AND LOAN RECEIVABLES

The Company's credit card and loan receivables are the only portfolio segment or class of financing receivables. Quantitative information about the components of credit card and loan receivables is presented in the table below:

| | | December |
|--|--------------|------------|
| | June 30, | 31, |
| | 2016 | 2015 |
| | (In millions | s) |
| Principal receivables | \$13,326.4 | \$13,196.4 |
| Billed and accrued finance charges | 595.3 | 537.8 |
| Other credit card receivables | 63.5 | 65.3 |
| Total credit card and loan receivables | 13,985.2 | 13,799.5 |

Less: Credit card receivables – restricted for securitization investors 9,748.6 10,592.4 Other credit card and loan receivables \$4,236.6 \$3,207.1

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

Allowance for Loan Loss

The Company maintains an allowance for loan loss at a level that is appropriate to absorb probable losses inherent in credit card and loan receivables. The allowance for loan loss covers forecasted uncollectible principal as well as unpaid interest and fees. The allowance for loan loss is evaluated monthly for appropriateness.

In estimating the allowance for principal loan losses, management utilizes a migration analysis of delinquent and current credit card and loan receivables. Migration analysis is a technique used to estimate the likelihood that a credit card or loan receivable will progress through the various stages of delinquency and to charge-off. The allowance is maintained through an adjustment to the provision for loan loss. Charge-offs of principal amounts, net of recoveries are deducted from the allowance. In estimating the allowance for uncollectible unpaid interest and fees, the Company utilizes historical charge-off trends, analyzing actual charge-offs for the prior three months. The allowance is maintained through an adjustment to finance charges, net. In evaluating the allowance for loan loss for both principal and unpaid interest and fees, management also considers factors that may impact loan loss experience, including seasoning and growth, account collection strategies, economic conditions, bankruptcy filings, policy changes, payment rates and forecasting uncertainties.

The following table presents the Company's allowance for loan loss for the periods indicated:

| | Three Months S | | Six Months | |
|--|----------------|---------|------------|---------|
| | Ended | | Ended | |
| | June 30, | | June 30, | |
| | 2016 | 2015 | 2016 | 2015 |
| | (In millio | ons) | | |
| Balance at beginning of period | \$727.2 | \$586.7 | \$741.6 | \$570.2 |
| Provision for loan loss | 227.8 | 155.3 | 399.7 | 290.3 |
| Allowance associated with credit card and loan receivables transferred to held | | | | |
| for sale | _ | | (15.0) | |
| Change in estimate for uncollectible unpaid interest and fees | _ | 3.0 | 5.0 | 4.5 |
| Recoveries | 52.9 | 41.4 | 109.8 | 80.8 |
| Principal charge-offs | (225.3) | (163.1) | (458.5) | (322.5) |
| Balance at end of period | \$782.6 | \$623.3 | \$782.6 | \$623.3 |

Net charge-offs include the principal amount of losses from credit cardholders unwilling or unable to pay their account balances, as well as bankrupt and deceased credit cardholders, less recoveries and exclude charged-off interest, fees and fraud losses. Charged off interest and fees reduce finance charges, net while fraud losses are recorded as an expense. Credit card and loan receivables, including unpaid interest and fees, are charged-off in the month during which an account becomes 180 days contractually past due, except in the case of customer bankruptcies or death. Credit card and loan receivables, including unpaid interest and fees, associated with customer bankruptcies or death are charged-off in each month subsequent to 60 days after the receipt of notification of the bankruptcy or death, but in any case, not later than the 180-day contractual time frame.

The Company records the actual charge-offs for unpaid interest and fees as a reduction to finance charges, net. Actual charge-offs for unpaid interest and fees were \$110.6 million and \$84.0 million for the three months ended June 30, 2016 and 2015, respectively, and \$228.8 million and \$169.4 million for the six months ended June 30, 2016 and 2015, respectively.

Delinquencies

A credit card account is contractually delinquent if the Company does not receive the minimum payment by the specified due date on the cardholder's statement. It is the Company's policy to continue to accrue interest and fee income on all credit card accounts beyond 90 days, except in limited circumstances, until the credit card account balance and all related interest and other fees are paid or charged-off, typically at 180 days delinquent. When an account becomes delinquent, a message is printed on the credit cardholder's billing statement requesting payment. After an account becomes 30 days past due, a proprietary collection scoring algorithm automatically scores the risk of the account becoming further delinquent. The collection system then recommends a collection strategy for the past

due account based on the collection score and account balance and dictates the contact schedule and collections priority for the account. If the Company is unable to make a collection after exhausting all in-house collection efforts, the Company may engage collection agencies and outside attorneys to continue those efforts.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The following table presents the delinquency trends of the Company's credit card and loan receivables portfolio:

| | | | December | | |
|--|------------|---------|---------------|-------|----|
| | June 30, | % of | 31, | % of | |
| | 2016 | Total | 2015 | Total | |
| | | (In mil | lions, except | | |
| | | percent | tages) | | |
| Receivables outstanding – principal | \$13,326.4 | 100.0 | % \$13,196.4 | 100. | 0% |
| Principal receivables balances contractually delinquent: | | | | | |
| 31 to 60 days | 203.9 | 1.5 | % 178.5 | 1.4 | % |
| 61 to 90 days | 145.5 | 1.1 | 124.1 | 0.9 | |
| 91 or more days | 262.7 | 2.0 | 257.0 | 1.9 | |
| Total | \$612.1 | 4.6 | % \$559.6 | 4.2 | % |

Modified Credit Card Receivables

The Company holds certain credit card receivables for which the terms have been modified. The Company's modified credit card receivables include credit card receivables for which temporary hardship concessions have been granted and credit card receivables in permanent workout programs. These modified credit card receivables include concessions consisting primarily of a reduced minimum payment and an interest rate reduction. The temporary programs' concessions remain in place for a period no longer than twelve months, while the permanent programs remain in place through the payoff of the credit card receivables if the credit cardholder complies with the terms of the program. These concessions do not include the forgiveness of unpaid principal, but may involve the reversal of certain unpaid interest or fee assessments. In the case of the temporary programs, at the end of the concession period, credit card receivable terms revert to standard rates. These arrangements are automatically terminated if the customer fails to make payments in accordance with the terms of the program, at which time their account reverts back to its original terms.

Credit card receivables for which temporary hardship and permanent concessions were granted are each considered troubled debt restructurings and are collectively evaluated for impairment. Modified credit card receivables are evaluated at their present value with impairment measured as the difference between the credit card receivable balance and the discounted present value of cash flows expected to be collected. Consistent with the Company's measurement of impairment of modified credit card receivables on a pooled basis, the discount rate used for credit card receivables is the average current annual percentage rate the Company applies to non-impaired credit card receivables, which approximates what would have been applied to the pool of modified credit card receivables prior to impairment. In assessing the appropriate allowance for loan loss, these modified credit card receivables are included in the general pool of credit card receivables with the allowance determined under the contingent loss model of ASC 450-20, "Loss Contingencies." If the Company applied accounting under ASC 310-40, "Troubled Debt Restructurings by Creditors," to the modified credit card receivables in these programs, there would not be a material difference in the allowance for loan loss.

The Company had \$188.8 million and \$169.2 million, respectively, as a recorded investment in impaired credit card receivables with an associated allowance for loan loss of \$39.5 million and \$36.7 million, respectively, as of June 30, 2016 and December 31, 2015. These modified credit card receivables represented less than 2% of the Company's total credit card receivables as of both June 30, 2016 and December 31, 2015.

The average recorded investment in impaired credit card receivables was \$186.6 million and \$140.9 million for the three months ended June 30, 2016 and 2015, respectively, and \$180.7 million and \$137.7 million for the six months ended June 30, 2016 and 2015, respectively.

Interest income on these modified credit card receivables is accounted for in the same manner as other accruing credit card receivables. Cash collections on these modified credit card receivables are allocated according to the same payment hierarchy methodology applied to credit card receivables that are not in such programs. The Company recognized \$4.6 million and \$3.5 million for the three months ended June 30, 2016 and 2015, respectively, and \$9.0 million and \$6.9 million for the six months ended June 30, 2016 and 2015, respectively, in interest income associated

with modified credit card receivables during the period that such credit card receivables were impaired.

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receivables

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NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The following tables provide information on credit card receivables that are considered troubled debt restructurings as described above, which entered into a modification program during the specified periods:

| | Three Months Ended June 30, 2016 Six Months Ended June 30, 2016 | | | | ne 30, 2016 | |
|---|---|------------------------------|----------------------------|---|----------------|----------------------|
| | Number Pre-modificati Po st-modificati | | | tiNumber Pre-modificationost-modification | | |
| | of | of Outstanding Outstanding o | | | Outstanding | Outstanding |
| | Restructu Birlgn ce Balance Re | | Restructu Birlgn ce | | Balance | |
| | (Dollar | s in millions) | | | | |
| Troubled debt restructurings – credit car | rd | | | | | |
| receivables | 47,267 | \$ 56.5 | \$ 56.4 | 98,028 | \$ \$ 117.1 | \$ 117.0 |
| | | | | | | |
| | Three N | Months Ended | June 30, 2015 | Six Mo | nths Ended Jur | ne 30, 2015 |
| | Numbe | r Pre-modifica | ti Po st-modifica | ati Nu mbe | r Pre-modifica | tionost-modification |
| | of | Outstanding | Outstanding | of | Outstanding | Outstanding |
| | Restruc | tu B inlgnce | Balance | Restruc | tuBinignce | Balance |
| | (Dollar | s in millions) | | | | |
| Troubled debt restructurings – credit car | ď | | | | | |

The tables below summarize troubled debt restructurings that have defaulted in the specified periods where the default occurred within 12 months of their modification date:

\$ 39.2

75,119 \$ 81.7

\$ 81.6

36,105 \$ 39.2

| occurred within 12 months of their modification date: | 1 1 | |
|--|----------------------------|----------------------------|
| | Three Months | |
| | Ended | Six Months Ended |
| | June 30, 2016 | June 30, 2016 |
| | Number | Number |
| | of Outstandin | ng of Outstanding |
| | Restructu Birlgn ce | Restructu Bialga ce |
| | (Dollars in millions | s) |
| Troubled debt restructurings that subsequently defaulted – credit card | | |
| receivables | 24,529 \$ 27.3 | 48,222 \$ 52.7 |
| | | |
| | Three Months | |
| | Ended | Six Months Ended |
| | June 30, 2015 | June 30, 2015 |
| | Number | Number |
| | of Outstandin | ng of Outstanding |
| | Restructu Binlan ce | Restructu Bialga ce |
| | (Dollars in millions | s) |
| Troubled debt restructurings that subsequently defaulted – credit card | | |
| receivables | 17,335 \$ 18.3 | 35,728 \$ 36.6 |

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

Age of Credit Card and Loan Receivable Accounts

The following tables set forth, as of June 30, 2016 and 2015, the number of active credit card and loan receivable accounts with balances and the related principal balances outstanding, based upon the age of the active credit card and loan receivable accounts from origination:

| | June 3 | 0, 2016 | | | | | | |
|-----------------------------------|--------|----------------------|--------------------------|-----------------------------|----|--|--|--|
| | Number | | | | | | | |
| | of | Percentage | | | | | | |
| | Active | of Active | | Percentage | | | | |
| | Accou | in Asc counts | Principal | of Principal | | | | |
| | with | with | Receivables | Receivables | | | | |
| Age of Accounts Since Origination | Balan | Balances | Outstanding | Outstanding | , | | | |
| | (In mi | llions, exce | ept percentages) | | | | | |
| 0-12 Months | 6.0 | 27.7 | % \$ 3,410.3 | 25.6 | % | | | |
| 13-24 Months | 3.6 | 17.0 | 2,346.3 | 17.6 | | | | |
| 25-36 Months | 2.3 | 10.9 | 1,600.5 | 12.0 | | | | |
| 37-48 Months | 1.7 | 7.8 | 1,124.9 | 8.4 | | | | |
| 49-60 Months | 1.2 | 5.8 | 785.7 | 5.9 | | | | |
| Over 60 Months | 6.6 | 30.8 | 4,058.7 | 30.5 | | | | |
| Total | 21.4 | 100.0 | % \$ 13,326.4 | 100.0 | % | | | |
| | Iuma 2 | 0 2015 | | | | | | |
| | Numb | 0, 2015 | | | | | | |
| | of | | | | | | | |
| | | Percentage of Active | е | Domoontogo | | | | |
| | | inAsccounts | Dringing! | Percentage | | | | |
| | with | with | Principal Receivables | of Principal Receivables | | | | |
| Aga of Aggounts Sings Origination | | | Outstanding | | | | | |
| Age of Accounts Since Origination | | casalances | ept percentages) | Outstanding | 3 | | | |
| 0-12 Months | 5.9 | 30.0 | % \$ 2,828.6 | 26.1 | % | | | |
| 13-24 Months | 2.9 | 30.0 14.7 | 1,652.7 | 15.3 | 70 | | | |
| 25-36 Months | 2.9 | 10.4 | 1,186.1 | 11.0 | | | | |
| 37-48 Months | 1.5 | 7.5 | 865.7 | 8.0 | | | | |
| 49-60 Months | 1.3 | 7.5 5.5 | 650.7 | 6.0 | | | | |
| Over 60 Months | 6.2 | 31.9 | 3,637.7 | 33.6 | | | | |
| Total | 19.6 | 100.0 | % \$ 10,821.5 | 100.0 | % | | | |
| 1 Otal | 19.0 | 100.0 | /υ φ 10,621.3 | 100.0 | 10 | | | |

Credit Quality

The Company uses proprietary scoring models developed specifically for the purpose of monitoring the Company's obligor credit quality. The proprietary scoring models are used as a tool in the underwriting process and for making credit decisions. The proprietary scoring models are based on historical data and require various assumptions about future performance. Information regarding customer performance is factored into these proprietary scoring models to determine the probability of an account becoming 91 or more days past due at any time within the next 12 months. Obligor credit quality is monitored at least monthly during the life of an account. The following table reflects composition of the Company's credit card and loan receivables by obligor credit quality as of June 30, 2016 and 2015: June 30, 2015

June 30, 2016

| Probability of an Account | Total | Percenta | g€otal | Percentage |
|--|-------------|------------|--------------|---------------|
| Becoming 91 or More Days Past Due or | Principal | of | Principal | of Principal |
| Becoming Charged-off (within the next 12 months) | Receivable | esPrincipa | l Receivable | esReceivables |
| | Outstanding | | Outstandin | gOutstanding |

| | | Receiv | ables | | |
|------------------|------------|---------|---------------|-------|---|
| | | Outstar | nding | | |
| | | (In mil | lions, except | | |
| | | percent | tages) | | |
| No Score | \$167.7 | 1.3 | % \$191.4 | 1.8 | % |
| 27.1% and higher | 1,378.3 | 10.3 | 601.6 | 5.6 | |
| 17.1% - 27.0% | 836.3 | 6.3 | 1,067.1 | 9.8 | |
| 12.6% - 17.0% | 1,086.1 | 8.2 | 1,280.3 | 11.8 | |
| 3.7% - 12.5% | 5,803.0 | 43.5 | 4,423.4 | 40.9 | |
| 1.9% - 3.6% | 1,736.2 | 13.0 | 2,124.9 | 19.6 | |
| Lower than 1.9% | 2,318.8 | 17.4 | 1,132.8 | 10.5 | |
| Total | \$13,326.4 | 100.0 | % \$10,821.5 | 100.0 | % |
| 13 | | | | | |

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

Transfer of Financial Assets

The Company originates loans under an agreement with one of its clients, and after origination, these loan receivables are sold to the client at par value plus accrued interest. These transfers qualify for sale treatment as they meet the conditions established in ASC 860-10, "Transfers and Servicing." Following the sale, the client owns the loan receivables, bears the risk of loss in the event of loan defaults and is responsible for all servicing functions related to the loan receivables. The loan receivables originated by the Company that have not yet been sold to the client were \$55.5 million and \$61.5 million at June 30, 2016 and December 31, 2015, respectively, and are included in credit card and loan receivables held for sale in the Company's unaudited condensed consolidated balance sheets and carried at the lower of cost or fair value. The carrying value of these loan receivables approximates fair value due to the short duration between the date of origination and sale. Originations and sales of these loan receivables held for sale are reflected as operating activities in the Company's unaudited condensed consolidated statements of cash flows. Upon the client's purchase of the originated loan receivables, the Company is obligated to purchase a participating interest in a pool of loan receivables that includes the loan receivables originated by the Company. Such interest participates on a pro rata basis in the cash flows of the underlying pool of loan receivables, including principal repayments, finance charges, losses and recoveries. The Company bears the risk of loss related to its participation interest in this pool.

During the six months ended June 30, 2016 and 2015, the Company purchased \$169.6 million and \$142.8 million, respectively, of loan receivables under these agreements. The total outstanding balance of these loan receivables was \$235.3 million and \$222.6 million as of June 30, 2016 and December 31, 2015, respectively, and was included in other credit card and loan receivables in the Company's unaudited condensed consolidated balance sheets. Portfolios Held for Sale

The Company has certain credit card portfolios held for sale, which are carried at the lower of cost or fair value, of \$452.6 million and \$34.0 million as of June 30, 2016 and December 31, 2015, respectively. In the first quarter of 2016, the Company transferred two credit card portfolios totaling approximately \$415.3 million into credit card and loan receivables held for sale. The portfolios were transferred at the net carrying amount, inclusive of the related reserves for losses of \$15.0 million, which approximates the lower of cost or fair value and which will be the measurement basis until the sale of the portfolios. In June 2016, the Company sold one credit card portfolio previously classified as held for sale for cash proceeds of \$5.9 million and recognized a \$0.5 million loss on the transaction. Portfolio Acquisitions

During the six months ended June 30, 2016, the Company acquired three private label credit card portfolios for purchase prices totaling approximately \$749.1 million and consisting of approximately \$682.0 million of credit card receivables and \$67.1 million of intangible assets.

Securitized Credit Card Receivables

The Company regularly securitizes its credit card receivables through its credit card securitization trusts, consisting of the World Financial Network Credit Card Master Trust, World Financial Network Credit Card Master Note Trust ("Master Trust II") and World Financial Network Credit Card Master Trust III ("Master Trust III") (collectively, the "WFN Trusts"), and World Financial Capital Credit Card Master Note Trust (the "WFC Trust"). The Company continues to own and service the accounts that generate credit card receivables held by the WFN Trusts and the WFC Trust. In its capacity as a servicer, each of the respective banks earns a fee from the WFN Trusts and the WFC Trust to service and administer the credit card receivables, collect payments and charge-off uncollectible receivables. These fees are eliminated and therefore are not reflected in the Company's unaudited condensed consolidated statements of income for the three and six months ended June 30, 2016 and 2015.

The WFN Trusts and the WFC Trust are VIEs and the assets of these consolidated VIEs include certain credit card receivables that are restricted to settle the obligations of those entities and are not expected to be available to the Company or its creditors. The liabilities of the consolidated VIEs include non-recourse secured borrowings and other liabilities for which creditors or beneficial interest holders do not have recourse to the general credit of the Company.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The tables below present quantitative information about the components of total securitized credit card receivables, delinquencies and net charge-offs:

| | | December |
|---|------------|------------|
| | June 30, | 31, |
| | 2016 | 2015 |
| | (In millio | ns) |
| Total credit card receivables – restricted for securitization investors | \$9,748.6 | \$10,592.4 |
| Principal amount of credit card receivables – restricted for securitization investors, 91 days or | | |
| more past due | \$182.1 | \$198.8 |

Three Months Six Months
Ended Ended
June 30, June 30,
2016 2015 2016 2015
(In millions)

Net charge-offs of securitized principal \$144.7 \$97.6 \$289.1 \$196.5

4. INVENTORIES, NET

Inventories, net of \$225.4 million and \$228.0 million at June 30, 2016 and December 31, 2015, respectively, primarily consist of finished goods to be utilized as rewards in the Company's loyalty programs. Inventories, net are stated at the lower of cost or market and valued primarily on a first-in-first-out basis. The Company records valuation adjustments to its inventories if the cost of inventory exceeds the amount it expects to realize from the ultimate sale or disposal of the inventory. These estimates are based on management's judgment regarding future market conditions and an analysis of historical experience.

5. OTHER INVESTMENTS

Other investments consist of marketable securities and U.S. Treasury bonds and are included in other current assets and other assets in the Company's unaudited condensed consolidated balance sheets. The principal components of other investments, which are carried at fair value, are as follows:

| | June 30, 2016 | | | | | | | December 31, 2015 | | | | | | | |
|-----------------------|---------------|-------|-----------|----|-----------|---|---------|-------------------|-----|-----------|----|-----------|------|---------|--|
| | Amortiz | zeldı | nrealized | U | nrealized | | Fair | Amortiz | eld | nrealized | U | nrealized | ŀ | Fair | |
| | Cost | Ga | ains | Lo | osses | | Value | Cost | G | ains | L | osses | 1 | Value | |
| | (In milli | ons | s) | | | | | | | | | | | | |
| Marketable securities | \$122.8 | \$ | 1.8 | \$ | (0.4 |) | \$124.2 | \$121.5 | \$ | 0.4 | \$ | (1.7 |) \$ | \$120.2 | |
| U.S. Treasury bonds | 75.0 | | 1.1 | | _ | | 76.1 | 100.1 | | 0.2 | | (0.1) |) | 100.2 | |
| Total | \$197.8 | \$ | 2.9 | \$ | (0.4) |) | \$200.3 | \$221.6 | \$ | 0.6 | \$ | (1.8 |) § | \$220.4 | |

The following tables show the unrealized losses and fair value for those investments that were in an unrealized loss position as of June 30, 2016 and December 31, 2015, aggregated by investment category and the length of time that individual securities have been in a continuous loss position:

| | June 30, 2016 | | | |
|-----------------------|-----------------|-----------------|--------|------------|
| | Less than 12 | 12 Months or | | |
| | months | Greater | Total | |
| | Fair Unrealized | Fair Unrealized | Fair | Unrealized |
| | ValueLosses | Value Losses | Value | Losses |
| | (In millions) | | | |
| Marketable securities | \$4.0 \$ (0.2 |)\$25.3 \$ (0.2 | \$29.3 | \$ (0.4) |
| Total | \$4.0 \$ (0.2 |)\$25.3 \$ (0.2 | \$29.3 | \$ (0.4) |
| | | | | |

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

| | Decen | December 31, 2015 | | | | | | | | |
|-----------------------|-----------------|-------------------|-------|---------|-------|-----------|---------|------------|-------|---|
| | Less than 12 | | | 12 Mc | ntl | hs or | | | | |
| | months | | | Greate | er | | Total | | | |
| | Fair Unrealized | | | Fair | U | nrealized | Fair | Unrealized | | |
| | Value Losses | | Value | L | osses | Value | L | osses | | |
| | (In mi | llic | ons) | | | | | | | |
| Marketable securities | \$40.8 | \$ | (0.7) |)\$34.6 | \$ | (1.0) |)\$75.4 | \$ | (1.7) |) |
| U.S. Treasury bonds | 50.0 | | (0.1 |) — | | _ | 50.0 | | (0.1) |) |
| Total | \$90.8 | \$ | (0.8 |)\$34.6 | \$ | (1.0) | \$125.4 | \$ | (1.8) |) |

The amortized cost and estimated fair value of the marketable securities and U.S. Treasury bonds at June 30, 2016 by contractual maturity are as follows:

| | Amortiz | z elc lair |
|--|-----------|-------------------|
| | Cost | Value |
| | (In milli | ions) |
| Due in one year or less | \$31.9 | \$31.9 |
| Due after one year through five years | 50.0 | 51.0 |
| Due after five years through ten years | 3.6 | 3.7 |
| Due after ten years | 112.3 | 113.7 |
| Total | \$197.8 | \$200.3 |

Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as the length of time and extent to which fair value has been below cost basis, the financial condition of the security's issuer, and the Company's intent to sell the security and whether it is more likely than not that the Company will be required to sell the security before recovery of its amortized cost basis. The Company typically invests in highly-rated securities with low probabilities of default and has the intent and ability to hold the investments until maturity. As of June 30, 2016, the Company does not consider the investments to be other-than-temporarily impaired.

There were no realized gains or losses from the sale of investment securities for the three and six months ended June 30, 2016 and 2015.

6. REDEMPTION SETTLEMENT ASSETS

Redemption settlement assets consist of restricted cash and securities available-for-sale and are designated for settling redemptions by collectors of the AIR MILES® Reward Program in Canada under certain contractual relationships with sponsors of the AIR MILES Reward Program. The principal components of redemption settlement assets, which are carried at fair value, are as follows:

| | June 30, 2016 | | | | | | | December 31, 2015 | | | | | | | |
|-----------------|---------------------|-----|-----|----|-----------------|-----|---------|---------------------|---|----|------------|----|-------|------|---------|
| | Amortized nrealized | | | | Unrealized Fair | | | Amortized nrealized | | | Unrealized | | l | Fair | |
| | Cost | Ga | ins | Lo | osses | • | Value | Cost | | Ga | ains | L | osses | | Value |
| | (In milli | ons |) | | | | | | | | | | | | |
| Restricted cash | \$115.8 | \$ | _ | \$ | _ | | \$115.8 | \$270.3 | 3 | \$ | _ | \$ | _ | | \$270.3 |
| Mutual funds | 26.9 | | 0.3 | | _ | | 27.2 | 25.2 | | | _ | | (0.3 |) | 24.9 |
| Corporate bonds | 328.4 | | 2.0 | | (0.2 |) | 330.2 | 160.4 | 4 | | 1.1 | | (0.1) |) | 161.4 |
| Total | \$471.1 | \$ | 2.3 | \$ | (0.2 |) : | \$473.2 | \$455.9 |) | \$ | 1.1 | \$ | (0.4 |) | \$456.6 |

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The following tables show the unrealized losses and fair value for those investments that were in an unrealized loss position as of June 30, 2016 and December 31, 2015, aggregated by investment category and the length of time that individual securities have been in a continuous loss position:

```
June 30, 2016
                Less than 12
                                 12 Months or
                months
                                 Greater
                                                Total
                Fair Unrealized Fair Unrealized Fair
                                                      Unrealized
                Value Losses
                                 ValueLosses
                                                Value Losses
                (In millions)
                                )$ -$
Corporate bonds $61.3 $ (0.2)
                                              —$61.3 $ (0.2
Total
                $61.3 $ (0.2
                                )$ -$
                                              -$61.3 $ (0.2)
                                                                )
                December 31, 2015
                Less than 12
                                 12 Months or
                months
                                 Greater
                                                Total
                     Unrealized Fair Unrealized Fair
                Fair
                                                     Unrealized
                Value Losses
                                 Valu&osses
                                                Value Losses
                (In millions)
                                )$ -$
Mutual funds
                $24.9 $ (0.3)
                                              -$24.9 $ (0.3)
                                ) —
Corporate bonds
                27.8
                         (0.1)
                                              — 27.8
                                                         (0.1)
                                                                 )
Total
                $52.7 $ (0.4
                                )$ —$
                                              —$52.7 $ (0.4
                                                                 )
```

The amortized cost and estimated fair value of the securities at June 30, 2016 by contractual maturity are as follows:

Amortize Fair
Cost Value
(In millions)

Due in one year or less
Due after one year through five years

Total

Amortize Fair
Cost Value
(In millions)

\$71.5 \$72.1

283.8 285.3

\$355.3 \$357.4

Market values were determined for each individual security in the investment portfolio. When evaluating the investments for other-than-temporary impairment, the Company reviews factors such as the length of time and extent to which fair value has been below cost basis, the financial condition of the security's issuer, and the Company's intent to sell the security and whether it is more likely than not that the Company will be required to sell the security before recovery of its amortized cost basis. The Company typically invests in highly-rated securities with low probabilities of default and has the intent and ability to hold the investments until maturity. As of June 30, 2016, the Company does not consider the investments to be other-than-temporarily impaired.

There were no realized gains or losses from the sale of investment securities for the three and six months ended June 30, 2016 and 2015.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) 7. INTANGIBLE ASSETS AND GOODWILL

Intangible Assets

Intangible assets consist of the following:

| intaligible assets consist of the following. | | | | |
|---|---|---|--|---|
| | June 30, 2 | 2016 | | |
| | Gross | Accumulated | | |
| | Assets | Amortization | Net | Amortization Life and Method |
| | (In million | ns) | | |
| Finite Lived Assets | | | | |
| Customer contracts and lists | \$1,181.5 | \$ (430.6 |) \$750.9 | 3-12 years—straight line |
| Premium on purchased credit card portfolios | 326.6 | (143.4 |) 183.2 | 3-10 years—straight line |
| Customer database | 63.6 | (33.1 |) 30.5 | 3 years—straight line |
| Collector database | 54.2 | (51.4 |) 2.8 | 30 years—15% declining balance |
| Publisher networks | 140.2 | (43.0 |) 97.2 | 5-7 years—straight line |
| Tradenames | 94.2 | (52.3 |) 41.9 | 2-15 years—straight line |
| Purchased data lists | 11.7 | (6.3 |) 5.4 | 1-5 years—straight line, accelerated |
| Favorable lease | 6.9 | (2.4 |) 4.5 | 3-10 years—straight line |
| | \$1,878.9 | \$ (762.5 |) \$1,116.4 | ļ |
| Indefinite Lived Assets | | | | |
| Tradenames | 12.4 | _ | 12.4 | Indefinite life |
| Total intangible assets | \$1,891.3 | \$ (762.5 |) \$1,128.8 | |
| | | | | |
| | | 21 2017 | | |
| | December | • | | |
| | Gross | Accumulated | N. | |
| | Gross Assets | Accumulated Amortization | Net | Amortization Life and Method |
| | Gross | Accumulated Amortization | Net | Amortization Life and Method |
| Finite Lived Assets | Gross Assets (In million | Accumulated Amortization as) | | |
| Customer contracts and lists | Gross Assets (In million \$1,195.2 | Accumulated Amortization as) \$ (361.6 |) \$833.6 | 3-12 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios | Gross Assets (In million \$1,195.2 259.5 | Accumulated Amortization as) \$ (361.6 (114.0 |) \$833.6) 145.5 | 3-12 years—straight line 3-10 years—straight line, accelerated |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database | Gross Assets (In million \$1,195.2 259.5 210.3 | Accumulated Amortization as) \$ (361.6 (114.0 (163.1) |) \$833.6) 145.5) 47.2 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 | Accumulated Amortization (as) \$ (361.6 |) \$833.6) 145.5) 47.2) 2.8 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2) |) \$833.6) 145.5) 47.2) 2.8) 111.0 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2 (44.1) |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames Purchased data lists | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 11.9 | Accumulated Amortization (as) \$ (361.6) (114.0) (163.1) (47.7) (29.2) (44.1) (6.4) |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7) 5.5 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line 1-5 years—straight line, accelerated |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames Purchased data lists Favorable lease | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 11.9 6.9 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2 (44.1 (6.4 (1.9) |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7) 5.5) 5.0 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line 1-5 years—straight line, accelerated 3-10 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames Purchased data lists | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 11.9 6.9 1.3 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2 (44.1 (6.4 (1.9 (1.3) |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7) 5.5) 5.0 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line 1-5 years—straight line, accelerated |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames Purchased data lists Favorable lease Noncompete agreements | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 11.9 6.9 1.3 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2 (44.1 (6.4 (1.9 (1.3) |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7) 5.5) 5.0 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line 1-5 years—straight line, accelerated 3-10 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames Purchased data lists Favorable lease Noncompete agreements Indefinite Lived Assets | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 11.9 6.9 1.3 \$1,960.6 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2 (44.1 (6.4 (1.9 (1.3) |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7) 5.5) 5.0) —) \$1,191.3 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line 1-5 years—straight line, accelerated 3-10 years—straight line 3 years—straight line |
| Customer contracts and lists Premium on purchased credit card portfolios Customer database Collector database Publisher networks Tradenames Purchased data lists Favorable lease Noncompete agreements | Gross Assets (In million \$1,195.2 259.5 210.3 50.5 140.2 84.8 11.9 6.9 1.3 \$1,960.6 | Accumulated Amortization (as) \$ (361.6 (114.0 (163.1 (47.7 (29.2 (44.1 (6.4 (1.9 (1.3 \$ (769.3 — |) \$833.6) 145.5) 47.2) 2.8) 111.0) 40.7) 5.5) 5.0 | 3-12 years—straight line 3-10 years—straight line, accelerated 3-10 years—straight line 30 years—15% declining balance 5-7 years—straight line 2-15 years—straight line 1-5 years—straight line, accelerated 3-10 years—straight line |

With the credit card portfolio acquisitions made during the six months ended June 30, 2016, the Company acquired \$67.1 million of intangible assets, consisting of \$12.2 million of customer relationships being amortized over a weighted average life of 3.5 years and \$54.9 million of marketing relationships being amortized over a weighted average life of 9.1 years. For more information on these portfolio acquisitions, see Note 3, "Credit Card and Loan Receivables."

In June 2016, BrandLoyalty Group B.V. ("BrandLoyalty") acquired a tradename for \le 8.0 million (\$8.9 million on June 30, 2016), with an estimated life of 8.0 years.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The estimated amortization expense related to intangible assets for the next five years and thereafter is as follows:

| 1 | |
|--|------------|
| | For the |
| | Years |
| | Ending |
| | December |
| | 31, |
| | (In |
| | millions) |
| 2016 (excluding the six months ended June 30, 2016 |) \$ 147.6 |
| 2017 | 266.2 |
| 2018 | 228.1 |
| 2019 | 184.7 |
| 2020 | 123.5 |
| 2021 & thereafter | 166.3 |
| | |

Goodwill

The changes in the carrying amount of goodwill are as follows:

| | | | Card | | | |
|---|-------------------|-----------|----------|--------------|-------------------|--|
| | LoyaltyOlip®ilon® | | Services | Corporate/Ot | her Total | |
| | (In milli | ons) | | | | |
| January 1, 2015 | \$713.5 | \$2,890.3 | \$ 261.7 | \$ | - \$3,865.5 | |
| Goodwill acquired during the year | 34.7 | _ | | | — 34.7 | |
| Effects of foreign currency translation | (84.7) | (1.4) | | | — (86.1) | |
| December 31, 2015 | \$663.5 | \$2,888.9 | \$ 261.7 | \$ | \$3,814.1 | |
| Effects of foreign currency translation | 22.9 | (1.9) | | | — 21.0 | |
| June 30, 2016 | \$686.4 | \$2,887.0 | \$ 261.7 | \$ | - \$3,835.1 | |

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) 8. DEBT

In connection with the Company's adoption of ASU 2015-03, the December 31, 2015 debt balances have been retrospectively adjusted for unamortized discount and debt issuance costs. Debt consists of the following:

| retrospectively adjusted for unamortized discoun- | i and debt i | December | | ig: |
|---|--------------|-----------|--|----------------|
| | June 30, | | | |
| Description | 2016 | 2015 | Maturity | Interest Rate |
| | (Dollars | | 1,14,04110) | 1110100111111 |
| | millions) | | | |
| Long-term and other debt: | / | | | |
| 2013 revolving line of credit | \$695.0 | \$465.0 | July 2018 and December 2019 | (1) |
| 2013 term loans | 2,911.2 | 2,703.8 | Various (2) | (1) |
| BrandLoyalty credit facility | 317.4 | 69.7 | June 2020 | (3) |
| Senior notes due 2017 | 400.0 | 400.0 | December 2017 | 5.250% |
| Senior notes due 2020 | 500.0 | 500.0 | April 2020 | 6.375% |
| Senior notes due 2022 | 600.0 | 600.0 | August 2022 | 5.375% |
| Senior notes due 2023 (€300.0 million) | 333.2 | 325.8 | November 2023 | 5.250% |
| | | | Various – January 2019 – | 2.90% to |
| Capital lease obligations and other debt | 2.0 | | May 2019 | 3.06% |
| Total long-term and other debt | 5,758.8 | 5,064.3 | | |
| Less: Unamortized discount and debt issuance | | | | |
| costs | 43.1 | 46.9 | | |
| Less: Current portion | 229.8 | 369.4 | | |
| Long-term portion | \$5,485.9 | \$4,648.0 | | |
| D :: | | | | |
| Deposits: | | | V Into 2016 | 0.4007.4- |
| Contificates of demosit | ¢5 026 2 | ¢ 4 252 0 | Various – July 2016 – November 2021 | 0.49% to 2.80% |
| Certificates of deposit | 1,849.5 | | On demand | 2.80% |
| Money market deposits Total deposits | 6,885.8 | • | On demand | () |
| Less: Unamortized debt issuance costs | 20.0 | 16.4 | | |
| Less: Current portion | | 2,980.3 | | |
| Long-term portion | - | \$2,625.6 | | |
| Long-term portion | Ψ5,500.5 | Ψ 2,023.0 | | |
| Non-recourse borrowings of consolidated | | | | |
| securitization entities: | | | | |
| | | | Various – October 2016 – | 1.26% to |
| Fixed rate asset-backed term note securities | \$2,958.2 | \$3,458.2 | August 2020 | 4.55% |
| Floating rate asset-backed term note securities | 360.0 | 810.0 | April 2018 | (5) |
| | | | Various – March 2017 – | |
| Conduit asset-backed securities | 2,690.0 | 2,225.0 | December 2017 | (6) |
| Total non-recourse borrowings of consolidated | | | | |
| securitization entities | 6,008.2 | 6,493.2 | | |
| Less: Unamortized debt issuance costs | 8.0 | 10.5 | | |
| Less: Current portion | 2,084.0 | - | | |
| Long-term portion | \$3,916.2 | \$5,433.4 | | |
| | | | | |

⁽¹⁾The interest rate is based upon the London Interbank Offered Rate ("LIBOR") plus an applicable margin. At June 30, 2016, the weighted average interest rate was 2.51% and 2.47% for the 2013 revolving line of credit and

2013 term loans, respectively.

- (2) The maturity dates for the 2013 term loans are September 2017, July 2018 and December 2019. The interest rate is based upon the Euro Interbank Offered Rate plus an applicable margin. At June 30, 2016, the
- $^{(3)}$ weighted average interest rate was 0.85% and 2.25% for the BrandLoyalty revolving line of credit and term loans, respectively.
- The interest rates are based on the Federal Funds rate plus an applicable margin. At June 30, 2016, the interest rates ranged from 0.47% to 1.90%.
- (5) The interest rate is based upon LIBOR plus an applicable margin. At June 30, 2016, the interest rate was 0.92%.
- The interest rate is based upon LIBOR or the asset-backed commercial paper costs of each individual conduit provider plus an applicable margin. At June 30, 2016, the interest rates ranged from 1.42% to 1.66%.

At June 30, 2016, the Company was in compliance with its financial covenants.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

Long-term and Other Debt

2013 Credit Agreement

In the second quarter of 2016, ADSC, as borrower, and ADS Alliance Data Systems, Inc., ADS Foreign Holdings, Inc., Alliance Data Foreign Holdings, Inc., Epsilon Data Management, LLC, Comenity LLC, Comenity Servicing LLC, Aspen Marketing Services, LLC, Conversant LLC and Commission Junction, LLC as guarantors, amended its credit agreement (the "2013 Credit Agreement").

The Company extended the maturity of certain term loans with principal amount of \$200.0 million from September 2016 to September 2017. Additionally, the Company exercised the accordion feature to borrow incremental term loans in the aggregate principal amount of \$277.5 million and increased the commitments under the revolving line of credit by \$22.5 million. These borrowings bear interest at the same rates as, and are generally subject to the same terms as, the 2013 Credit Agreement.

As of June 30, 2016, the 2013 Credit Agreement provided for \$3.1 billion in term loans (the "2013 term loans") subject to certain principal repayments and a \$1.3 billion revolving line of credit (the "2013 revolving line of credit"). Total availability under the 2013 revolving line of credit at June 30, 2016 was \$627.5 million.

BrandLoyalty Credit Agreement

In June 2016, BrandLoyalty and certain of its subsidiaries, as borrower and guarantors, amended and restated its credit agreement (as amended, the "2016 BrandLoyalty Credit Agreement") to provide for an A-1 term loan facility of €90.0 million and an A-2 term loan facility of €100.0 million. The A-1 term loan facility provides for quarterly principal payments of €7.5 million through June 2018 and €3.75 million thereafter through June 2020. In addition, the maturity date of the committed revolving line of credit of €62.5 million and uncommitted revolving line of credit of €62.5 million was extended from August 2018 to June 2020. The 2016 BrandLoyalty Credit Agreement provides for a reduction in commitment on each of the uncommitted and committed revolving lines of credit of €25.0 million in August 2018. The 2016 BrandLoyalty Credit Agreement is secured by the accounts receivable, inventory, fixed assets, bank accounts and shares of BrandLoyalty Group and certain of its subsidiaries.

All advances under the 2016 BrandLoyalty Credit Agreement are denominated in Euros. The interest rate fluctuates and is equal to EURIBOR, as defined in the 2016 BrandLoyalty Credit Agreement, plus an applicable margin based on BrandLoyalty's senior net leverage ratio. The 2016 BrandLoyalty Credit Agreement contains financial covenants, including a senior net leverage ratio, as well as usual and customary negative covenants and customary events of default.

As of June 30, 2016, amounts outstanding under the revolving lines of credit and the term loans under the 2016 BrandLoyalty Credit Agreement were €95.8 million, of which €43.3 million was uncommitted, and €190.0 million (\$106.4 million and \$211.0 million), respectively.

Non-Recourse Borrowings of Consolidated Securitization Entities

Asset-Backed Term Notes

In February 2016, \$625.0 million of Series 2014-A asset-backed term notes, \$175.0 million of which were retained by the Company and eliminated from the Company's unaudited condensed consolidated balance sheets, matured and were repaid.

In May 2016, \$657.9 million of Series 2013-B asset-backed term notes, \$157.9 million of which were retained by the Company and eliminated from the Company's unaudited condensed consolidated balance sheets, matured and were repaid.

In July 2016, Master Trust I issued \$866.7 million of asset-backed term notes, which mature in June 2021. The offering consisted of \$650.0 million of Class A notes with a fixed interest rate of 2.03% per year, \$32.5 million of Class M notes with a fixed interest rate of 2.33% per year and \$184.2 million of notes which were retained by the Company and eliminated from the Company's unaudited condensed consolidated balance sheets.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

9. DERIVATIVE INSTRUMENTS

The Company uses derivatives to manage risks associated with certain assets and liabilities arising from the potential adverse impact of fluctuations in interest rates and foreign currency exchange rates. The Company was not a party to any interest rate derivative instruments at June 30, 2016 or December 31, 2015.

The Company enters into foreign currency derivatives to reduce the volatility of the Company's cash flows resulting from changes in foreign currency exchange rates associated with certain inventory transactions, certain of which are designated as cash flow hedges.

Additionally, in November 2015, the Company designated its Euro-denominated Senior Notes due 2023 as a net investment hedge of its investment in BrandLoyalty, which has a functional currency of the Euro, in order to reduce the volatility in stockholders' equity caused by the changes in foreign currency exchange rates of the Euro with respect to the U.S. dollar. The change in fair value of the Senior Notes due 2023 due to remeasurement of the effective portion is recorded in other comprehensive income (loss). The ineffective portion of this hedging instrument impacts net income when the ineffectiveness occurs. For the three and six months ended June 30, 2016, a gain of \$8.3 million and a loss of \$7.3 million, net of tax, respectively, were recognized in other comprehensive income and no ineffectiveness was recorded on the net investment hedge.

The following tables present the fair values of the derivative instruments included within the Company's unaudited condensed consolidated balance sheets as of June 30, 2016 and December 31, 2015:

| condensed consolidated balance sheets as of June 30, 2016 and December 31, 2015: | | | | | | |
|---|---------------|------------------------------------|-----------------------------|---------------------------|------------------------------|--|
| | June 30, 2016 | | | | | |
| | Notional Fair | | | | | |
| | Amou | nount Value Balance Sheet Location | | nce Sheet Location | Maturity | |
| | (In m | nillions) | | | | |
| Designated as hedging instruments: | : | | | | | |
| Foreign currency exchange hedges | | \$0.8 | 0.8 Other current assets | | July 2016 to June 2017 | |
| Foreign currency exchange hedges | \$45.7 | \$1.0 | Other current liabilities | | July 2016 to January 2017 | |
| Net investment hedge | \$333. | 2 \$11.1 | .1 Long-term and other debt | | November 2023 | |
| | | | | | | |
| December 31, 2015 | | | | | | |
| | | Notiona | l Fair | | | |
| | | Amount | Value | Balance Sheet Location | Maturity | |
| | | (In milli | ons) | | • | |
| Designated as hedging instruments: | : | | | | | |
| Foreign currency exchange hedges | | \$56.7 | \$ 2.7 | Other current assets | January 2016 to October 2016 | |
| | | | | | January 2016 to September | |
| Foreign currency exchange hedges | | \$23.7 | \$ 0.4 | Other current liabilities | 2016 | |
| | | | | Long-term and other | | |
| Net investment hedge | | \$325.8 | \$ 3.8 | debt | November 2023 | |
| | | | | | | |
| Not designated as hedging instrume | ents: | | | | | |
| Foreign currency exchange forward | 1 | | | | | |
| contract | | \$103.7 | \$ 1.3 | Other current liabilities | February 2016 | |
| Foreign currency exchange hedges | | \$0.5 | \$ — | Other current liabilities | January 2016 | |
| Gains of \$1.1 million and losses of \$1.3 million, net of tax, were recognized in other comprehensive income for the | | | | | | |
| three months and six months ended June 30, 2016, respectively, related to foreign currency exchange hedges | | | | | | |
| designated as effective. Changes in the fair value of these hedges, excluding any ineffective portion are recorded in | | | | | | |
| other comprehensive income (loss) until the hedged transactions affect net income. The ineffective portion of these | | | | | | |
| ,, | | | | | | |

cash flow hedges impacts net income when the ineffectiveness occurs. For the three months and six months ended June 30, 2016, losses of \$0.1 million and \$0.6 million, respectively, were reclassified from accumulated other

comprehensive income into net income (cost of operations) and a de minimis amount of ineffectiveness was recorded.

At June 30, 2016, a de minimis amount is expected to be reclassified from accumulated other comprehensive income into net income in the coming 12 months.

Losses of \$0.5 million and \$2.9 million, net of tax, were recognized in other comprehensive income for the three and six months ended June 30, 2015, respectively, related to foreign currency exchange hedges designated as effective. For the three months and six months ended June 30, 2015, losses of \$1.6 million and \$1.0 million, respectively, net of tax, were reclassified from accumulated other comprehensive income into net income (cost of operations) and a de minimis amount of ineffectiveness was recorded.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The following tables summarize activity related to and identify the location of the Company's outstanding derivatives not designated as hedging instruments for the three and six months ended June 30, 2016 and 2015 recognized in the Company's unaudited condensed consolidated statements of income:

| company s anadance condensed co | | | | |
|-------------------------------------|---------------------------------|--------------|----------------------------------|-----------------|
| | hree Months Ended June 30, 2016 | | Three Months Ended June 30, 2015 | |
| | | Gain | | Gain (Loss) |
| | | (Loss) on | | on |
| | | Derivative | | Derivative |
|] | ncome Statement Location | Instruments | Income Statement Location | Instruments |
| (| In millions) | | | |
| 1 | nterest expense on | | Interest expense on | |
| 1 | ong-term and other debt, | | long-term and other debt, | |
| Interest rate derivatives | net | \$ - | -net | \$ 0.1 |
| Foreign currency exchange | | | | |
| hedges | Cost of operations | \$ - | -Cost of operations | \$ 0.1 |
| | | | | |
| | Six Months Ended June | 30, 2016 | Six Months Ended June 30 | 0, 2015 |
| | | Gain | | Gain |
| | | (Loss) on | | (Loss) on |
| | Income Statement | Derivative | e Income Statement | Derivative |
| | Location | Instrumen | ts Location | Instruments |
| | (In millions) | | | |
| | Interest expense on | | Interest expense on | |
| | long-term and other debt | • | long-term and other debt, | |
| Interest rate derivatives | net | \$ — | net | \$ 0.1 |
| Foreign currency exchange forward | l General and | | General and | |
| contract | administrative | \$ (0.1 |)administrative | \$ (13.7) |
| Foreign currency exchange hedges | | \$ — | Cost of operations | \$ 0.4 |
| Going and losses on derivatives not | • | umante ara i | * | tivities in the |

Gains and losses on derivatives not designated as hedging instruments are included in other operating activities in the unaudited condensed consolidated statements of cash flows for all periods presented.

The Company limits its exposure on derivatives by entering into contracts with institutions that are established dealers who maintain certain minimum credit criteria established by the Company. At June 30, 2016, the Company does not maintain any derivative instruments subject to master agreements that would require the Company to post collateral or that contain any credit-risk related contingent features.

10. DEFERRED REVENUE

The AIR MILES Reward Program collects fees from its sponsors based on the number of AIR MILES reward miles issued and, in limited circumstances, the number of AIR MILES reward miles redeemed. Because management has determined that the earnings process is not complete at the time an AIR MILES reward mile is issued, the recognition of redemption and service revenue is deferred.

A reconciliation of deferred revenue for the AIR MILES Reward Program is as follows:

| | Deferred Revenue | | |
|---|--------------------------|--|--|
| | Service Redemption Total | | |
| | (In millions) | | |
| December 31, 2015 | \$292.3 \$ 552.6 \$844.9 | | |
| Cash proceeds | 90.5 172.3 262.8 | | |
| Revenue recognized | (96.8) (215.2) (312.0) | | |
| Other | - (0.2) (0.2) | | |
| Effects of foreign currency translation | 20.5 37.9 58.4 | | |
| June 30, 2016 | \$306.5 \$ 547.4 \$853.9 | | |

Amounts recognized in the unaudited condensed consolidated balance sheets:

 Current liabilities
 \$155.2
 \$547.4
 \$702.6

 Non-current liabilities
 \$151.3
 \$—
 \$151.3

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) 11. COMMITMENTS AND CONTINGENCIES

Regulatory Matters

On September 8, 2015, Comenity Bank and Comenity Capital Bank (collectively, the "Banks") each entered into a consent order with the Federal Deposit Insurance Corporation ("FDIC") in settlement of the FDIC's review of the Banks' practices regarding the marketing, promotion and sale of certain add-on products. The Banks entered into the consent orders for the purpose of resolving these matters without admitting or denying any violations of law or regulation set forth in the orders. Under the consent orders, the Banks were required to collectively provide restitution of approximately \$61.5 million to eligible customers for actions occurring between January 2008 and September 2014 and \$2.5 million in civil money penalties to the FDIC. As of June 30, 2016, the Company had satisfied in full its restitution obligations to the eligible customers under these consent orders.

12. REDEEMABLE NON-CONTROLLING INTEREST

On January 2, 2014, the Company acquired a 60% ownership interest in BrandLoyalty. Pursuant to the BrandLoyalty share purchase agreement, the Company may acquire the remaining 40% ownership interest in BrandLoyalty over a four-year period from the acquisition date at 10% per year at predetermined valuation multiples. If specified annual earnings targets are met by BrandLoyalty, the Company must acquire the additional 10% ownership interest for the year achieved; otherwise, the sellers have a put option to sell the Company their 10% ownership interest for the respective year.

The specified annual earnings targets were met for the years ended December 31, 2014 and 2015. Accordingly, the Company acquired an additional 10% ownership interest each year, effective January 1, 2015 and 2016, increasing its ownership percentage to 70% and 80%, respectively. The Company paid €77.2 million (\$87.4 million) and €91.1 million (\$102.0 million) on February 10, 2015 and February 8, 2016, respectively, to acquire the additional 10% ownership interests.

The Company and the minority shareholders of BrandLoyalty entered into a supplemental agreement to the share purchase agreement, effective as of April 1, 2016, to accelerate the purchase of the remaining 20% ownership interest for a purchase price of €230.0 million (\$258.8 million), resulting in the Company's 100% ownership of BrandLoyalty. For the six months ended June 30, 2016, the Company adjusted the carrying amount of the redeemable non-controlling interest by \$83.5 million to the redemption value.

Redeemable

A reconciliation of the changes in the redeemable non-controlling interest is as follows:

| | Redecinab | IC |
|---|------------|----|
| | Non- | |
| | Controllin | g |
| | Interest | |
| | (In | |
| | millions) | |
| Balance at January 1, 2015 | \$ 235.6 | |
| Net income attributable to non-controlling interest | 8.9 | |
| Other comprehensive income attributable to non-controlling interest | 0.9 | |
| Adjustment to redemption value | 45.0 | |
| Foreign currency translation adjustments | (24.1 |) |
| Reclassification to accrued expenses | (98.9 |) |
| Balance at December 31, 2015 | \$ 167.4 | |
| Net income attributable to non-controlling interest | 1.8 | |
| Other comprehensive loss attributable to non-controlling interest | (0.7 |) |
| Adjustment to redemption value | 83.5 | |
| Foreign currency translation adjustments | 6.8 | |
| Redemption of non-controlling interest | (258.8 |) |
| Balance at June 30, 2016 | \$ — | |

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) 13. STOCKHOLDERS' EQUITY

Stock Repurchase Program

On January 1, 2016, the Company's Board of Directors authorized a stock repurchase program to acquire up to \$500.0 million of the Company's outstanding common stock from January 1, 2016 through December 31, 2016. On February 15, 2016, the Company's Board of Directors authorized an increase to the stock repurchase program originally approved on January 1, 2016 to acquire an additional \$500.0 million of the Company's outstanding common stock through December 31, 2016, for a total authorization of \$1.0 billion. The stock repurchase program is subject to any restrictions pursuant to the terms of the Company's credit agreements, indentures, and applicable securities laws or otherwise.

For the six months ended June 30, 2016, the Company acquired a total of 2.5 million shares of its common stock for \$523.4 million, of which \$0.8 million had not settled as of June 30, 2016. As of June 30, 2016, the Company had \$476.6 million available under the stock repurchase program.

Stock Compensation Expense

Total stock-based compensation expense recognized in the Company's unaudited condensed consolidated statements of income for the three and six months ended June 30, 2016 and 2015 is as follows:

| | Three | | | | |
|----------------------------|---------|--------|------------|--------|--|
| | Month | S | Six Months | | |
| | Ended | | Ended | | |
| | June 3 | 0, | June 30, | | |
| | 2016 | 2015 | 2016 | 2015 | |
| | (In mil | lions) | | | |
| Cost of operations | \$15.6 | \$17.8 | \$30.4 | \$39.8 | |
| General and administrative | 5.9 | 6.3 | 11.0 | 11.7 | |
| Total | \$21.5 | \$24.1 | \$41.4 | \$51.5 | |
| | | | | | |

During the six months ended June 30, 2016, the Company awarded 277,036 performance-based restricted stock units with a weighted average grant date fair value per share of \$187.49 as determined on the date of grant. The performance restriction on the awards will lapse upon determination by the Board of Directors or the Compensation Committee of the Board of Directors that the Company's earnings before taxes for the period from January 1, 2016 to December 31, 2016 met certain pre-defined vesting criteria that permit a range from 50% to 150% of such performance-based restricted stock units to vest. Upon such determination, the restrictions will lapse with respect to 33% of the award on February 16, 2017, an additional 33% of the award on February 16, 2018 and the final 34% of the award on February 16, 2019, provided that the participant is employed by the Company on each such vesting date. During the six months ended June 30, 2016, the Company awarded 92,139 service-based restricted stock units with a weighted average grant date fair value per share of \$191.78 as determined on the date of grant. Service-based restricted stock units typically vest ratably over three years provided that the participant is employed by the Company on each such vesting date.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED) 14. ACCUMULATED OTHER COMPREHENSIVE INCOME

| The changes in each component of accumulated other co | | | | s, are as follow | vs: | |
|---|---|-------------------------|---------------|------------------|---------------|--|
| | Unreal Crains | zed Unrealized Gains | 1 | A agumulata | ad | |
| | Gains (Losses | | Foreign | Accumulate Other | eu | |
| | (Losseon Casl | | Currency | Comprehen | nci va | |
| | on Flow | | t Translation | Income | 151 V C | |
| Three Months Ended June 30, 2016 | Securifiles dges | | Adjustments | | | |
| Timee Months Ended June 30, 2010 | (In millions) | Tieuge | Aujustinents | S (LOSS) | | |
| Balance at March 31, 2016 | \$1.8 \$ (1.1 |) \$ (19.4 | \$ (109.5) |) \$ (128.2 |) | |
| Changes in other comprehensive income (loss) before | ψ1.0 ψ (1.1 |) ψ (1) |) ψ (10).5 |) ψ (120.2 | , | |
| reclassifications | 1.8 1.0 | 8.3 | (14.2 |) (3.1 |) | |
| Amounts reclassified from other comprehensive income | 1.0 1.0 | 0.5 | (14.2 |) (3.1 | , | |
| (loss) | — 0.1 | | | 0.1 | | |
| Changes in other comprehensive income (loss) | 1.8 1.1 | 8.3 | (14.2 |) (3.0 |) | |
| Balance at June 30, 2016 | \$3.6 \$ — | | \$ (123.7) |) \$ (131.2 |) | |
| Datance at Julie 30, 2010 | Ψ3.0 Ψ | ψ (11.1 | , ψ (123.7 |) ψ (131.2 | , | |
| | Net Unrea | lized Unrealize | ed | | | |
| | Unreali &cai ns | Gains | | Accumulated | | |
| | Gains (Losse | | Foreign | Other | | |
| | (Losses)n Ca | | , , | | Comprehensive | |
| | on Flow | | nfTranslation | Income | | |
| Three Months Ended June 30, 2015 | Securiti H edge | | Adjustments | | | |
| , | (In millions) | Č | 3 | , , | | |
| Balance at March 31, 2015 | \$3.6 \$ (0.1 | .) \$ — | \$ (143.1 |) \$ (139.6 |) | |
| Changes in other comprehensive income (loss) before | | | | | | |
| reclassifications | (2.4) (2.1) | | 18.1 | 13.6 | | |
| Amounts reclassified from other comprehensive income | | | | | | |
| (loss) | — 1.6 | | | 1.6 | | |
| Changes in other comprehensive income (loss) | (2.4) (0.5) | j) — | 18.1 | 15.2 | | |
| Balance at June 30, 2015 | \$1.2 \$ (0.6 | 5) \$ — | \$ (125.0 |) \$ (124.4 |) | |
| | | | | | | |
| | | | | | | |
| | | ized Unrealized | 1 | A 1. | | |
| | Unreali Ceai ns | Gains | | Accumulated | | |
| | Gains (Losses | | Foreign | Other | | |
| | (Losseson Cas | | Currency | Comprehen Income | isive | |
| C: M 4 F 1 1 M 20 2016 | | | | | | |
| Six Months Ended June 30, 2016 | SecuritiHedges Hedge Adjustments ⁽¹⁾ (Lo | | | | | |
| D.1 | (In millions) | Φ (2.0 | Ф (1247 |) # (107.0 | , | |
| Balance at December 31, 2015 | \$(0.1) \$ 1.3 | \$ (3.8 | \$ (134.7) |) \$ (137.3 |) | |
| Changes in other comprehensive income (loss) before | 27 (10 | (7.2 | 11.0 | 5.5 | | |
| reclassifications | 3.7 (1.9 |) (7.3 |) 11.0 | 5.5 | | |
| Amounts reclassified from other comprehensive income | 0.6 | | | 0.6 | | |
| (loss) | — 0.6 | | | 0.6 | | |
| Changes in other comprehensive income (loss) | 3.7 (1.3 |) (7.3 | 11.0 | 6.1 | ` | |
| Balance at June 30, 2016 | \$3.6 \$ — | \$ (11.1 |) \$ (123.7 |) \$ (131.2 |) | |

<u>Index</u> ALLIANCE DATA SYSTEMS CORPORATION NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

| | Net | Unrealiz | zed | Unrealize | ed | | | |
|--|---------|--------------------|-----|-----------|---------------|-----------|-----------|-------|
| | Unreal | i Ceal ins | | Gains | | | Accumulat | ed |
| | Gains | (Losses |) | (Losses) | Foreign | (| Other | |
| | (Losse | son Cash | ì | on Net | Currency | (| Compreher | nsive |
| | on | Flow | | Investme | ntTranslation |] | Income | |
| Six Months Ended June 30, 2015 | Securit | i le ledges | | Hedge | Adjustment | $s^{(1)}$ | (Loss) | |
| | (In mil | lions) | | | | | | |
| Balance at December 31, 2014 | \$2.7 | \$ 2.3 | | \$ — | \$ (80.5 |) : | \$ (75.5 |) |
| Changes in other comprehensive income (loss) before | | | | | | | | |
| reclassifications | (1.5) | (3.9 |) | | (44.5 |) | (49.9 |) |
| Amounts reclassified from other comprehensive income | | | | | | | | |
| (loss) | _ | 1.0 | | _ | | | 1.0 | |
| Changes in other comprehensive income (loss) | (1.5) | (2.9 |) | _ | (44.5 |) | (48.9 |) |
| Balance at June 30, 2015 | \$1.2 | \$ (0.6 |) | \$ — | \$ (125.0 |) 5 | \$ (124.4 |) |

(1) Primarily related to the impact of changes in the Canadian dollar and Euro foreign currency exchange rates. 15. FINANCIAL INSTRUMENTS

In accordance with ASC 825, "Financial Instruments," the Company is required to disclose the fair value of financial instruments for which it is practical to estimate fair value. To obtain fair values, observable market prices are used if available. In some instances, observable market prices are not readily available and fair value is determined using present value or other techniques appropriate for a particular financial instrument. These techniques involve judgment and as a result are not necessarily indicative of the amounts the Company would realize in a current market exchange. The use of different assumptions or estimation techniques may have a material effect on the estimated fair value amounts.

Fair Value of Financial Instruments — The estimated fair values of the Company's financial instruments are as follows:

| | June 30, 2016 | | December | 31, 2015 |
|---|---------------|-----------|-----------|-----------|
| | Carrying Fair | | Carrying | Fair |
| | Amount | Value | Amount | Value |
| | (In million | s) | | |
| Financial assets | | | | |
| Cash and cash equivalents | \$1,316.5 | \$1,316.5 | \$1,168.0 | \$1,168.0 |
| Trade receivables, net | 666.4 | 666.4 | 706.5 | 706.5 |
| Credit card and loan receivables, net | 13,202.6 | 13,833.3 | 13,057.9 | 13,057.9 |
| Credit card and loan receivables held for sale | 508.1 | 558.7 | 95.5 | 95.5 |
| Redemption settlement assets, restricted | 473.2 | 473.2 | 456.6 | 456.6 |
| Other investments | 200.3 | 200.3 | 220.4 | 220.4 |
| Cash collateral, restricted | 5.0 | 5.0 | 7.2 | 7.2 |
| Derivative instruments | 0.8 | 0.8 | 2.7 | 2.7 |
| Financial liabilities | | | | |
| Accounts payable | 397.5 | 397.5 | 442.4 | 442.4 |
| Derivative instruments | 1.0 | 1.0 | 1.7 | 1.7 |
| Deposits | 6,865.8 | 6,985.9 | 5,605.9 | 5,654.6 |
| Non-recourse borrowings of consolidated securitization entities | 6,000.2 | 6,069.8 | 6,482.7 | 6,502.7 |
| Long-term and other debt | 5,715.7 | 5,734.1 | 5,017.4 | 5,040.0 |
| | | | 1 0.01 | |

The following techniques and assumptions were used by the Company in estimating fair values of financial instruments as disclosed herein:

Cash and cash equivalents, trade receivables, net and accounts payable — The carrying amount approximates fair value due to the short maturity and the relatively liquid nature of these assets and liabilities.

Credit card and loan receivables, net — The Company utilizes a discounted cash flow model using unobservable inputs, including estimated yields (interest and fee income), loss rates, payment rates and discount rates to estimate the fair value measurement of the credit card and loan receivables.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

Credit card and loan receivables held for sale — Loan receivables held for sale are recorded at the lower of cost or fair value, and their carrying amount approximates fair value due to the short duration of the holding period of the receivables prior to sale. The fair value of credit card portfolios held for sale is based on significant unobservable inputs, including forecasted yields and net loss estimates.

Redemption settlement assets, restricted — Redemption settlement assets, restricted are recorded at fair value based on quoted market prices for the same or similar securities.

Cash collateral, restricted — Cash collateral, restricted consists of spread deposits and excess funding deposits and is included in other non-current assets in the unaudited condensed consolidated balance sheets. Spread deposits are held by a trustee or agent and are used to absorb shortfalls in the available net cash flows related to securitized credit card receivables if those available net cash flows are insufficient to satisfy certain obligations of the WFN Trusts and WFC Trust. Spread deposits are recorded at their fair value based on discounted cash flow models. The Company uses a valuation model that calculates the present value of estimated cash flows for each asset. The fair value is based on the term of the underlying securities and a discount rate. Excess funding deposits represent cash amounts deposited with the trustee of the securitizations and are used to supplement seller's interest. The carrying amount of excess funding deposits approximates its fair value due to the relatively short maturity period and average interest rates, which approximate current market rates.

Other investments — Other investments consist of marketable securities and U.S. Treasury bonds and are included in other current assets and other non-current assets in the unaudited condensed consolidated balance sheets. Other investments are recorded at fair value based on quoted market prices for the same or similar securities.

Deposits — The fair value is estimated based on the current observable market rates available to the Company for similar deposits with similar remaining maturities.

Non-recourse borrowings of consolidated securitization entities — The fair value is estimated based on the current observable market rates available to the Company for similar debt instruments with similar remaining maturities or quoted market prices for the same transaction.

Long-term and other debt — The fair value is estimated based on the current observable market rates available to the Company for similar debt instruments with similar remaining maturities or quoted market prices for the same transaction.

Derivative instruments — The Company's foreign currency cash flow hedges are included in other current assets and other current liabilities in the unaudited condensed consolidated balance sheets and are recorded at fair value based on a discounted cash flow analysis on the expected cash flows of each derivative. This analysis reflected the contractual terms of the derivatives, including the period to maturity, and used observable market-based inputs, including interest rate curves and option volatility. The fair value of the foreign currency derivative instruments is estimated based on published quotations of spot foreign currency rates and forward points which are converted into implied foreign currency rates.

Financial Assets and Financial Liabilities Fair Value Hierarchy

ASC 820 establishes a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value. These tiers include:

- ·Level 1, defined as observable inputs such as quoted prices in active markets;
- Level 2, defined as inputs other than quoted prices in active markets that are either directly or indirectly observable; and

Level 3, defined as unobservable inputs where little or no market data exists, therefore requiring an entity to develop its own assumptions.

Financial instruments are considered Level 3 when their values are determined using pricing models, discounted cash flow methodologies or similar techniques and at least one significant model assumption or input is unobservable. Level 3 financial instruments also include those for which the determination of fair value requires significant management judgment or estimation. The use of different techniques to determine fair value of these financial instruments could result in different estimates of fair value at the reporting date.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The following tables provide information for the assets and liabilities carried at fair value measured on a recurring basis as of June 30, 2016 and December 31, 2015:

| | 20, 2010 | Fair Value | | | |
|----------------|--------------|-----------------------------------|-------------|-------------|--|
| | Balance | Measurements at | | | |
| | at | June 30, 2016 Using | | | |
| | | | _ | | |
| | June 30, | | Level | | |
| | 2016 | 1 | 2 | 3 | |
| | (In millions |) | | | |
| Mutual funds | | | | | |
| (1) | \$ 27.2 | \$27.2 | \$ — | \$ <i>—</i> | |
| Corporate | | | | | |
| bonds (1) | 330.2 | _ | 330.2 | | |
| Marketable | | | | | |
| securities (2) | 124.2 | 5.0 | 119.2 | _ | |
| U.S. Treasury | | | | | |
| bonds (2) | 76.1 | 76.1 | | | |
| Cash | 70.1 | , 0.1 | | | |
| collateral, | | | | | |
| restricted (3) | 5.0 | | | 5.0 | |
| | 3.0 | _ | | 5.0 | |
| Derivative | | | | | |
| instruments | 0.0 | | 0.0 | | |
| (4) | 0.8 | | 0.8 | | |
| Total assets | | | | | |
| measured at | | | | | |
| fair value | \$ 563.5 | \$108.3 | \$450.2 | \$ 5.0 | |
| | | | | | |
| Derivative | | | | | |
| instruments | | | | | |
| (4) | \$ 1.0 | \$— | \$1.0 | \$ — | |
| Total | | | | | |
| liabilities | | | | | |
| measured at | | | | | |
| fair value | \$ 1.0 | \$— | \$1.0 | \$ | |
| ran value | Ψ 1.0 | ψ— | ψ1.0 | Ψ— | |
| | | Fair Value | | | |
| | Dalamas | | | | |
| | Balance | Measurements at December 31, 2015 | | | |
| | at | | | | |
| | December | _ | | | |
| | 31, | Level | Level | Level | |
| | 2015 | 1 | 2 | 3 | |
| | (In millions |) | | | |
| Mutual funds | | | | | |
| (1) | \$ 24.9 | \$24.9 | \$ — | \$ <i>-</i> | |
| Corporate | | | | | |
| bonds (1) | 161.4 | | 161.4 | | |
| Marketable | | | | | |
| securities (2) | 120.2 | 4.8 | 115.4 | | |
| | 100.2 | 100.2 | _ | | |
| | 100.2 | 100.2 | | | |

| U.S. Treasury | | | | |
|----------------|----------|---------|---------|--------|
| bonds (2) | | | | |
| Cash | | | | |
| collateral, | | | | |
| restricted (3) | 7.2 | 2.3 | | 4.9 |
| Derivative | | | | |
| instruments | | | | |
| (4) | 2.7 | | 2.7 | _ |
| Total assets | | | | |
| measured at | | | | |
| fair value | \$ 416.6 | \$132.2 | \$279.5 | \$ 4.9 |
| Derivative | | | | |
| instruments | | | | |
| (4) | \$ 1.7 | \$ | \$1.7 | \$— |
| Total | | | | |
| liabilities | | | | |
| measured at | | | | |
| fair value | \$ 1.7 | \$ | \$1.7 | \$ — |

⁽¹⁾ Amounts are included in redemption settlement assets in the unaudited condensed consolidated balance sheets.

There were no transfers between Levels 1 and 2 within the fair value hierarchy for the three months and six months ended June 30, 2016 and June 30, 2015.

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Amounts are included in other current assets and other non-current assets in the unaudited condensed consolidated balance sheets.

⁽³⁾ Amounts are included in other non-current assets in the unaudited condensed consolidated balance sheets.

⁽⁴⁾ Amounts are included in other current assets and other current liabilities in the unaudited condensed consolidated balance sheets.

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ALLIANCE DATA SYSTEMS CORPORATION

NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS - (CONTINUED)

The following tables summarize the changes in fair values of the Company's asset and liability measured at fair value on a recurring basis using significant unobservable inputs (Level 3) as defined in ASC 825:

Cash Collateral, Restricted

Three

Months Six Months
Ended Ended
June 30, June 30,
2016 2015 2016 2015

(In millions)

Balance at beginning of period \$5.0 \$22.7 \$4.9 \$22.5

Total gains (realized or unrealized):

Included in earnings — 0.1 0.1 0.3