
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-Q**

- ☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**
For the Quarterly Period Ended September 30, 2018
- ☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**
For the Transition Period From to

Commission File Number: 000-23189

C.H. ROBINSON WORLDWIDE, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

14701 Charlson Road, Eden Prairie, Minnesota
(Address of principal executive offices)

41-1883630
(I.R.S. Employer
Identification No.)

55347-5088
(Zip Code)

952-937-8500
Registrant's telephone number, including area code

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes ☒ No ☐

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes ☒ No ☐

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

Large accelerated filer ☒ Accelerated filer ☐ Emerging Growth Company ☐

Non-accelerated filer ☐ Smaller reporting company ☐

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

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

As of November 6, 2018, the number of shares outstanding of the registrant's Common Stock, par value \$.10 per share, was 137,504,393.

C.H. ROBINSON WORLDWIDE, INC.
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PART I - FINANCIAL INFORMATION
ITEM 1. FINANCIAL STATEMENTS

C.H. ROBINSON WORLDWIDE, INC.
Condensed Consolidated Balance Sheets
(In thousands, except per share data)

	September 30, 2018	December 31, 2017
	(unaudited)	
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 297,801	\$ 333,890
Receivables, net of allowance for doubtful accounts of \$40,856 and \$42,409	2,251,944	2,113,930
Contract assets	201,411	—
Prepaid expenses and other	53,909	63,116
Total current assets	2,805,065	2,510,936
Property and equipment, net	231,962	230,326
Goodwill	1,265,226	1,275,816
Other intangible assets, net	120,216	151,585
Deferred tax asset	9,270	6,870
Other assets	60,983	60,301
Total assets	\$ 4,492,722	\$ 4,235,834
LIABILITIES AND STOCKHOLDERS' INVESTMENT		
Current liabilities:		
Accounts payable	\$ 1,077,780	\$ 1,000,305
Outstanding checks	74,853	96,359
Accrued expenses:		
Transportation expense	156,810	—
Compensation	121,813	105,316
Income taxes	15,213	12,240
Other accrued liabilities	68,863	58,229
Current portion of debt	—	715,000
Total current liabilities	1,515,332	1,987,449
Long-term debt	1,341,303	750,000
Noncurrent income taxes payable	23,903	26,684
Deferred tax liabilities	44,555	45,355
Other long-term liabilities	1,026	601
Total liabilities	2,926,119	2,810,089
Stockholders' investment:		
Preferred stock, \$.10 par value, 20,000 shares authorized; no shares issued or outstanding	—	—
Common stock, \$.10 par value, 480,000 shares authorized; 179,103 and 179,103 shares issued, 138,000 and 139,542 outstanding	13,800	13,954
Additional paid-in capital	502,439	444,280
Retained earnings	3,728,503	3,437,093
Accumulated other comprehensive loss	(57,414)	(18,460)
Treasury stock at cost (41,103 and 39,561 shares)	(2,620,725)	(2,451,122)
Total stockholders' investment	1,566,603	1,425,745
Total liabilities and stockholders' investment	\$ 4,492,722	\$ 4,235,834

See accompanying notes to the condensed consolidated financial statements.

C.H. ROBINSON WORLDWIDE, INC.
Condensed Consolidated Statements of Operations and Comprehensive Income
(unaudited, in thousands except per share data)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Revenues:				
Transportation	\$ 4,028,392	\$ 3,433,701	\$ 11,619,171	\$ 9,855,739
Sourcing	263,508	350,750	874,093	1,053,855
Total revenues	4,291,900	3,784,451	12,493,264	10,909,594
Costs and expenses:				
Purchased transportation and related services	3,359,520	2,869,616	9,714,318	8,214,856
Purchased products sourced for resale	238,336	320,989	787,494	958,537
Personnel expenses	335,299	293,204	1,004,226	867,928
Other selling, general, and administrative expenses	112,772	106,177	330,660	304,030
Total costs and expenses	4,045,927	3,589,986	11,836,698	10,345,351
Income from operations	245,973	194,465	656,566	564,243
Interest and other expense	(6,526)	(10,484)	(22,354)	(29,154)
Income before provision for income taxes	239,447	183,981	634,212	535,089
Provision for income taxes	63,552	64,795	156,857	182,752
Net income	175,895	119,186	477,355	352,337
Other comprehensive (loss) income	(10,877)	14,426	(38,954)	38,562
Comprehensive income	\$ 165,018	\$ 133,612	\$ 438,401	\$ 390,899
Basic net income per share	\$ 1.27	\$ 0.85	\$ 3.42	\$ 2.50
Diluted net income per share	\$ 1.25	\$ 0.85	\$ 3.39	\$ 2.49
Basic weighted average shares outstanding	138,797	140,422	139,425	140,962
Dilutive effect of outstanding stock awards	1,363	600	1,295	441
Diluted weighted average shares outstanding	140,160	141,022	140,720	141,403
Cash dividends declared per share	\$ 0.46	\$ 0.45	\$ 1.38	\$ 1.35

See accompanying notes to the condensed consolidated financial statements.

C.H. ROBINSON WORLDWIDE, INC.
Condensed Consolidated Statements of Cash Flows
(In thousands, unaudited)

	Nine Months Ended September 30,	
	2018	2017
OPERATING ACTIVITIES		
Net income	\$ 477,355	\$ 352,337
Adjustments to reconcile net income to net cash provided by operating activities:		
Stock-based compensation	68,475	24,509
Depreciation and amortization	72,402	69,340
Provision for doubtful accounts	12,333	11,176
Deferred income taxes	(5,794)	(6,779)
Excess tax benefit on stock-based compensation	(9,345)	(11,908)
Other	1,350	1,352
Changes in operating elements (net of acquisitions):		
Receivables	(268,252)	(377,280)
Contract assets	(53,647)	—
Prepaid expenses and other	14,740	677
Other non-current assets	2,105	(2,220)
Accounts payable and outstanding checks	120,652	166,152
Accrued transportation expense	62,165	—
Accrued compensation	15,153	(6,102)
Accrued income taxes	9,247	7,873
Other accrued liabilities	9,944	(10,778)
Net cash provided by operating activities	528,883	218,349
INVESTING ACTIVITIES		
Purchases of property and equipment	(35,794)	(32,132)
Purchases and development of software	(13,793)	(14,286)
Acquisitions, net of cash acquired	(1,315)	(48,446)
Other	(1,605)	204
Net cash used for investing activities	(52,507)	(94,660)
FINANCING ACTIVITIES		
Proceeds from long-term borrowings	591,012	250,000
Proceeds from short-term borrowings	2,588,000	6,448,000
Payments on short-term borrowings	(3,303,000)	(6,469,000)
Repurchase of common stock	(202,094)	(129,991)
Proceeds from stock issued for employee benefit plans	46,424	23,270
Stock tendered for payment of withholding taxes	(20,603)	(20,746)
Cash dividends	(195,158)	(192,765)
Net cash used for financing activities	(495,419)	(91,232)
Effect of exchange rates on cash	(17,046)	17,184
Net change in cash and cash equivalents	(36,089)	49,641
Cash and cash equivalents, beginning of period	333,890	247,666
Cash and cash equivalents, end of period	\$ 297,801	\$ 297,307
Noncash transactions from investing and financing activities:		
Accrued share repurchases held in other accrued liabilities	\$ 4,300	\$ 4,000
Accrued purchases of property and equipment	1,104	800

See accompanying notes to the condensed consolidated financial statements.

C.H. ROBINSON WORLDWIDE, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS

NOTE 1. BASIS OF PRESENTATION

C.H. Robinson Worldwide, Inc. and our subsidiaries (“the company,” “we,” “us,” or “our”) are a global provider of transportation services and logistics solutions operating through a network of offices located in North America, Europe, Asia, Australia, New Zealand, and South America. The consolidated financial statements include the accounts of C.H. Robinson Worldwide, Inc. and our majority owned and controlled subsidiaries. Our minority interests in subsidiaries are not significant. All intercompany transactions and balances have been eliminated in the consolidated financial statements.

Our reportable segments are North American Surface Transportation (“NAST”), Global Forwarding, Robinson Fresh, and All Other and Corporate. The All Other and Corporate segment includes Managed Services, Other Surface Transportation outside of North America, and other miscellaneous revenues and unallocated corporate expenses. We group offices primarily by services they provide to our customers. For financial information concerning our reportable segments, refer to Note 9.

The condensed consolidated financial statements, which are unaudited, have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission (“SEC”). In our opinion, these financial statements include all adjustments (consisting only of normal recurring adjustments) necessary for a fair presentation of the financial statements for the interim periods presented. Interim results are not necessarily indicative of results for a full year.

Consistent with SEC rules and regulations, we have condensed or omitted certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States. You should read the condensed consolidated financial statements and related notes in conjunction with the consolidated financial statements and notes in our Annual Report on Form 10-K for the year ended December 31, 2017.

RECENTLY ADOPTED ACCOUNTING STANDARDS

In May 2014, the Financial Accounting Standards Board (“FASB”) issued Accounting Standards Update (“ASU”) 2014-09, *Revenue from Contracts with Customers*, and in August 2015 issued ASU 2015-14, which amended the standard as to its effective date. The new comprehensive revenue recognition standard supersedes all existing revenue recognition guidance under U.S. GAAP. The standard’s core principle is that a company will recognize revenue when it transfers promised goods or services to a customer in an amount that reflects the consideration to which the company expects to be entitled in exchange for those goods or services. The standard requires more detailed disclosures to enable users of financial statements to understand the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. We adopted this new standard effective January 1, 2018 under the modified retrospective transition method applied to contracts that were not completed as of the date of initial application resulting in a \$9.2 million cumulative adjustment to retained earnings.

We have updated our revenue recognition critical accounting policy due to the adoption of this standard and expanded the summary of significant accounting policies included in our Annual Report on Form 10-K for the year ended December 31, 2017 below. The adoption of this standard changed the timing of revenue recognition for our transportation businesses from at delivery to over the transit period as our performance obligations are completed. Due to the short transit period of many of our performance obligations, this change did not have a material impact on our results of operations or cash flows.

The new standard expanded our existing revenue recognition disclosures upon adoption. In addition, we have identified certain customer contracts in our sourcing business that changed from a principal to an agent relationship under the new standard. This change resulted in these contracts being recognized at the net amount we charge our customers but had no impact on income from operations. See Note 10 to our consolidated financial statements which includes the expanded disclosures required by ASU 2014-09.

In May 2017, the FASB issued ASU 2017-09, *Compensation - Stock Compensation (Topic 718): Scope of Modification Accounting*. This update amends the scope of modification accounting for share-based payment arrangements. The ASU provides guidance on the types of changes to the terms or conditions of share-based payment awards to which an entity would be required to apply modification accounting under Topic 718. We adopted this new standard effective January 1, 2018. The amendments in this update will be applied prospectively to awards modified on or after January 1, 2018. The future impact of ASU 2017-09 will depend on the nature of future stock award modifications.

In August 2018, the FASB issued ASU 2018-15, *Intangibles - Goodwill and Other - Internal-Use Software (Subtopic 350-40)*. This update aligns the requirements for capitalizing implementation costs incurred in a cloud computing arrangement that is a service contract with the requirements for capitalizing implementation costs incurred to develop or obtain internal-use software.

We adopted this update in the third quarter of 2018, using a prospective approach. The adoption did not have a material impact on our consolidated financial statements.

RECENTLY ISSUED ACCOUNTING STANDARDS

In February 2016, the FASB issued ASU 2016-02, *Leases (Topic 842)*. This update requires a lessee to recognize on the balance sheet a liability to make lease payments and a corresponding right-of-use asset. The guidance also requires certain qualitative and quantitative disclosures about the amount, timing, and uncertainty of cash flows arising from leases. This update is effective for annual and interim periods beginning after December 15, 2018, which will require us to adopt these provisions in the first quarter of 2019. Early adoption is permitted, although we do not plan to adopt early. In July 2018, the FASB issued ASU 2018-11, *Leases (Topic 842): Targeted Improvements*, which provides another transition method no longer requiring application to previously reported periods. We plan to adopt Topic 842 by applying the new standard on January 1, 2019 and recognizing a cumulative adjustment to the opening balance of retained earnings. Prior period balances will not be restated.

We have obligations under lease agreements for facilities and equipment, which are classified as operating leases under the existing lease standard. While we are still evaluating the impact ASU 2016-02 will have on our consolidated results of operations, financial condition, and cash flows, our financial statements will reflect an increase in both assets and liabilities due to the requirement to recognize right-of-use assets and lease liabilities on the consolidated balance sheets for our facility and equipment leases. We are in the final stages of implementing a global lease accounting software and designing necessary internal controls to facilitate the adoption of the new standard. As of December 31, 2017, we had \$282.7 million of minimum future lease commitments under noncancelable lease agreements which will be subject to ASU 2016-02 once adopted.

In February 2018, the FASB issued ASU 2018-02, *Reclassification of Certain Tax Effects From Accumulated Other Comprehensive Income*, which amends existing guidance for reporting comprehensive income to reflect changes resulting from the Tax Cuts and Jobs Act of 2017 ("Tax Act"). The amendment provides the option to reclassify stranded tax effects resulting from the Tax Act within accumulated other comprehensive income (AOCI) to retained earnings. New disclosures will be required upon adoption, including the accounting policy for releasing income tax effects from AOCI, whether reclassification of stranded income tax effects is elected, and information about other income tax effect reclassifications. The amendment will become effective for us on January 1, 2019, although early adoption is permitted. We are currently evaluating the impact of adopting this standard on our consolidated financial statements and disclosures.

SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Note 1 of the Notes to Consolidated Financial Statements in our Annual Report on Form 10-K for the year ended December 31, 2017, includes a summary of the significant accounting policies and methods used in the preparation of our consolidated financial statements. We have expanded these policies below to effect the adoption of ASU 2014-09 in the first quarter of 2018.

CONTRACT ASSETS. Contract assets represent amounts for which we have the right to consideration for the services we have provided while a shipment is still in-transit but for which we have not yet completed our performance obligation or have not yet invoiced our customer. Upon completion of our performance obligations, which can vary in duration based upon the method of transport, and billing our customer these amounts become classified within accounts receivable and are then typically due within 30 days.

ACCRUED TRANSPORTATION EXPENSE. Accrued transportation expense represents amounts we owe to vendors, primarily transportation providers, for the services they have provided while a shipment is still in-transit as of the reporting date.

NOTE 2. GOODWILL AND OTHER INTANGIBLE ASSETS

The change in carrying amount of goodwill is as follows (in thousands):

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Total
December 31, 2017 balance	\$ 921,486	\$ 185,873	\$ 141,185	\$ 27,272	\$ 1,275,816
Acquisitions	—	301	—	—	301
Adjustments	(40)	(268)	—	—	(308)
Translation	(7,312)	(1,948)	(1,109)	(214)	(10,583)
September 30, 2018 balance	\$ 914,134	\$ 183,958	\$ 140,076	\$ 27,058	\$ 1,265,226

Goodwill is tested at least annually for impairment on November 30, or more frequently if events or changes in circumstances indicate that the asset might be impaired. We first perform a qualitative assessment to determine whether it is more likely than not that the fair value of our reporting units is less than their respective carrying value (“Step Zero Analysis”). If the Step Zero Analysis indicates it is more likely than not that the fair value of our reporting units is less than their respective carrying value, an additional impairment assessment is performed (“Step One Analysis”). Refer to Critical Accounting Policies and Estimates.

Identifiable intangible assets consisted of the following (in thousands):

	September 30, 2018			December 31, 2017		
	Cost	Accumulated Amortization	Net	Cost	Accumulated Amortization	Net
Finite-lived intangibles						
Customer relationships	\$ 261,662	\$ (151,996)	\$ 109,666	\$ 263,093	\$ (122,103)	\$ 140,990
Non-competition agreements	300	(225)	75	300	(180)	120
Total finite-lived intangibles	261,962	(152,221)	109,741	263,393	(122,283)	141,110
Indefinite-lived intangibles						
Trademarks	10,475	—	10,475	10,475	—	10,475
Total intangibles	\$ 272,437	\$ (152,221)	\$ 120,216	\$ 273,868	\$ (122,283)	\$ 151,585

Amortization expense for other intangible assets is as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Amortization expense	\$ 9,201	\$ 9,157	\$ 27,796	\$ 26,875

Definite-lived intangible assets, by reportable segment, as of September 30, 2018 , will be amortized over their remaining lives as follows (in thousands):

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Total
Remainder of 2018	\$ 1,953	\$ 7,455	\$ —	\$ —	\$ 9,408
2019	7,820	29,445	—	—	37,265
2020	260	26,741	—	—	27,001
2021	260	13,220	—	—	13,480
2022	260	13,220	—	—	13,480
Thereafter	461	8,646	—	—	9,107
Total					\$ 109,741

NOTE 3. FAIR VALUE MEASUREMENT

Accounting guidance on fair value measurements for certain financial assets and liabilities requires that assets and liabilities carried at fair value be classified and disclosed in one of the following three categories:

- Level 1 — Quoted market prices in active markets for identical assets or liabilities.
- Level 2 — Observable market-based inputs or unobservable inputs that are corroborated by market data.
- Level 3 — Unobservable inputs reflecting the reporting entity's own assumptions or external inputs from inactive markets.

A financial asset or liability's classification within the hierarchy is determined based on the lowest level of input that is significant to the fair value measurement.

We had no Level 3 assets or liabilities as of and during the periods ended September 30, 2018, and December 31, 2017. There were no transfers between levels during the period.

NOTE 4. FINANCING ARRANGEMENTS

The components of our short-term and long-term debt and the associated interest rates were as follows (dollars in thousands):

	Average interest rate as of		Maturity	Carrying value as of	
	September 30, 2018	December 31, 2017		September 30, 2018	December 31, 2017
Revolving credit facility ⁽¹⁾	—%	2.70%	December 2019	\$ —	\$ 715,000
Senior Notes, Series A	3.97%	3.97%	August 2023	175,000	175,000
Senior Notes, Series B	4.26%	4.26%	August 2028	150,000	150,000
Senior Notes, Series C	4.60%	4.60%	August 2033	175,000	175,000
Receivables securitization facility ⁽²⁾	2.96%	2.00%	April 2019	249,898	250,000
Senior Notes ⁽²⁾	4.20%	N/A	April 2028	591,405	—
Total debt				1,341,303	1,465,000
Less: Current maturities and short-term borrowing				—	(715,000)
Long-term debt				\$ 1,341,303	\$ 750,000

⁽¹⁾ There was no outstanding balance on the credit facility as of September 30, 2018. The average borrowing rate on the credit facility during the third quarter was 3.58 percent. The revolving credit facility was amended on October 24, 2018. The Amendment increases the amount of our revolving credit facility from \$900 million to \$1 billion and also extends the maturity date of the facility from December 31, 2019 to October 24, 2023.

⁽²⁾ Net of unamortized discounts and issuance costs.

SENIOR UNSECURED REVOLVING CREDIT FACILITY

We have a senior unsecured revolving credit facility (the "Credit Agreement"). Borrowings under the Credit Agreement generally bear interest at a variable rate determined by a pricing schedule or the base rate (which is the highest of (a) the administrative agent's prime rate, (b) the federal funds rate plus 0.50 percent, or (c) the sum of one-month LIBOR plus a specified margin). As of September 30, 2018, the variable rate equaled LIBOR plus 1.13 percent. In addition, there is a commitment fee on the average daily undrawn stated amount under each letter of credit issued under the facility. The recorded amount of borrowings outstanding approximates fair value because of the short maturity period of the debt; therefore, we consider these borrowings to be a Level 2 financial liability.

The Credit Agreement contains various restrictions and covenants that require us to maintain certain financial ratios, including a maximum leverage ratio of 3.00 to 1.00. The Credit Agreement also contains customary events of default. If an event of default under the Credit Agreement occurs and is continuing, then the administrative agent may declare any outstanding obligations under the Credit Agreement to be immediately due and payable. In addition, if we become the subject of voluntary or involuntary proceedings under any bankruptcy, insolvency, or similar law, then any outstanding obligations under the Credit Agreement will automatically become immediately due and payable.

On October 24, 2018, the Credit Agreement was amended to increase the total availability from \$900 million to \$1 billion and extend the maturity date from December 31, 2019 to October 24, 2023. The range of interest rate margins stated within the amendment are unchanged although the prescribed range will be determined based on our S&P rating and Moody's rating rather than a ratio of consolidated funded debt to consolidated EBITDA. In addition, the commitment fees were reduced to a range of 0.075 percent to 0.200 percent and will also be determined based on our S&P rating and Moody's rating rather than a ratio of consolidated funded debt to consolidated EBITDA. The amendments also provide that, if the holders of our Senior Notes (as defined below) agree to substantially the same change, the maximum leverage ratio will increase to 3.50 to 1.00.

NOTE PURCHASE AGREEMENT

On August 23, 2013, we entered into a Note Purchase Agreement with certain institutional investors (the "Purchasers"). On August 27, 2013, the Purchasers purchased an aggregate principal amount of \$500 million of our Senior Notes, Series A, Senior Notes Series B, and Senior Notes Series C, collectively (the "Notes"). Interest on the Notes is payable semi-annually in arrears. The fair value of the Notes approximated \$484.7 million at September 30, 2018. We estimate the fair value of the Notes primarily using an expected present value technique, which is based on observable market inputs using interest rates currently available to companies of similar credit standing for similar terms and remaining maturities, and considering our own risk. If the Notes were recorded at fair value, they would be classified as Level 2.

The Note Purchase Agreement contains various restrictions and covenants that require us to maintain certain financial ratios, including a maximum leverage ratio of 3.00 to 1.00, a minimum interest coverage ratio of 2.00 to 1.00, and a maximum consolidated priority debt to consolidated total asset ratio of 15 percent.

The Note Purchase Agreement provides for customary events of default. The occurrence of an event of default would permit certain Purchasers to declare certain Notes then outstanding to be immediately due and payable. Under the terms of the Note Purchase Agreement, the Notes are redeemable, in whole or in part, at 100 percent of the principal amount being redeemed together with a "make-whole amount" (as defined in the Note Purchase Agreement), and accrued and unpaid interest with respect to each Note. The obligations of the company under the Note Purchase Agreement and the Notes are guaranteed by C.H. Robinson Company, a Delaware corporation and a wholly-owned subsidiary of the company, and by C.H. Robinson Company, Inc., a Minnesota corporation and an indirect wholly-owned subsidiary of the company.

U.S. TRADE ACCOUNTS RECEIVABLE SECURITIZATION

On April 26, 2017, we entered into a receivables purchase agreement and related transaction documents with The Bank of Tokyo-Mitsubishi UFJ, Ltd., New York Branch and Wells Fargo Bank, National Association to provide a receivables securitization facility (the "Receivables Securitization Facility"). The Receivables Securitization Facility is based on the securitization of our U.S. trade accounts receivable and provides funding of up to \$250 million. The interest rate on borrowings under the Receivables Securitization Facility is based on the asset-backed commercial paper rate plus a margin or 30 day LIBOR plus a margin. There is also a commitment fee we are required to pay on any unused portion of the facility. The Receivables Securitization Facility expires on April 26, 2019 unless extended by the parties. The recorded amount of borrowings outstanding on the Receivables Securitization Facility approximates fair value because it can be redeemed on short notice and the interest rate floats, therefore, we consider these borrowings to be a Level 2 financial liability.

The Receivables Securitization Facility contains various customary affirmative and negative covenants, and it also contains customary default and termination provisions which provide for acceleration of amounts owed under the Receivables Securitization Facility upon the occurrence of certain specified events.

SENIOR NOTES

On April 9, 2018, we issued senior unsecured notes ("Senior Notes") through a public offering. The Senior Notes bear an annual interest rate of 4.20 percent payable semi-annually on April 15 and October 15, until maturity on April 15, 2028. The proceeds from the Senior Notes were utilized to pay down the balance on our Credit Agreement. Taking into effect the amortization of the original issue discount and all underwriting and issuance expenses, the Senior Notes have an effective yield to maturity of approximately 4.39 percent per annum. The fair value of the Senior Notes, excluding debt discounts and issuance costs, approximated \$593.5 million as of September 30, 2018, based primarily on the market prices quoted from external sources. The carrying value of the Senior Notes was \$591.4 million as of September 30, 2018. If the Senior Notes were measured at fair value in the financial statements, they would be classified as Level 2 in the fair value hierarchy.

We may redeem the Senior Notes, in whole or in part, at any time and from time to time prior to their maturity at the applicable redemption prices described in the Senior Notes. Upon the occurrence of a "change of control triggering event" as defined in the Senior Notes (generally, a change of control of us accompanied by a reduction in the credit rating for the Senior Notes), we will generally be required to make an offer to repurchase the Senior Notes from holders at 101 percent of their principal amount plus accrued and unpaid interest to the date of repurchase.

The Senior Notes were issued under an indenture that contains covenants imposing certain limitations on our ability to incur liens, enter into sales and leaseback transactions and consolidate, merge or transfer substantial all of our assets and those of our subsidiaries on a consolidated basis. It also provides for customary events of default (subject in certain cases to customary grace and cure periods), which include among other things nonpayment, breach of covenants in the indenture and certain events of bankruptcy and insolvency. If an event of default occurs and is continuing with respect to the Senior Notes, the trustee or holders of at least 25 percent in principal amount outstanding of the Senior Notes may declare the principal and the accrued and unpaid interest, if any, on all of the outstanding Senior Notes to be due and payable. These covenants and events of default are subject to a number of important qualifications, limitations and exceptions that are described in the indenture. The indenture does not contain any financial ratios or specified levels of net worth or liquidity to which we must adhere.

As of September 30, 2018, we were in compliance with all of the covenants under the Credit Agreement, Note Purchase Agreement, Receivables Securitization Facility, and Senior Notes.

NOTE 5. INCOME TAXES

C.H. Robinson Worldwide, Inc. and its 80 percent (or more) owned U.S. subsidiaries file a consolidated federal return. We file unitary or separate state returns based on state filing requirements. With few exceptions, we are no longer subject to audits of U.S. federal, state and local, or non-U.S. income tax returns before 2011. We are currently under an Internal Revenue Service audit for the 2015 tax year.

Our effective tax rate for the three months ended September 30, 2018 and 2017 was 26.5 percent and 35.2 percent, respectively, and our effective tax rate for the nine months ended September 30, 2018 and 2017 was 24.7 percent and 34.2 percent, respectively. The effective income tax rate for the three and nine months ended September 30, 2018 was higher than the statutory federal income tax rate due to state income taxes, net of federal benefit, and foreign income taxes, but was partially offset by the tax impact of share-based payment awards. The tax impact of share-based payment awards resulted in a decrease in our provision for income taxes for the nine months ended September 30, 2018 and 2017 of \$9.3 million and \$11.9 million, respectively. We have asserted that we will indefinitely reinvest earnings of foreign subsidiaries to support expansion of our international business. If we repatriated all foreign earnings, the estimated effect on income taxes payable would be an increase of approximately \$14.5 million as of September 30, 2018.

In connection with our initial analysis of the impact of the Tax Act, we recorded a discrete net tax benefit of \$12.1 million in the year ended December 31, 2017. We have not yet completed our accounting for the income tax effects of certain elements of the Tax Act, but we were able to make reasonable estimates for elements in which our analysis is not complete and have therefore recorded provisional adjustments. During the nine months ended September 30, 2018, we revised our analysis and recorded an additional net tax expense of \$3.6 million related to an increase in 2017 transition taxes, resulting in a revised estimated net tax benefit of \$8.5 million.

Further, per FASB guidance, we are allowed to make an accounting policy election of either (1) treating taxes due on future U.S. inclusions in taxable income related to Global Intangible Low-Taxed Income ("GILTI") as a current-period expense when incurred or (2) factoring such amounts into our measurement of our deferred taxes. We have elected to recognize the tax on GILTI as a current-period expense in the period the tax is incurred.

As of September 30, 2018, we have \$37.7 million of unrecognized tax benefits and related interest and penalties. It is possible the amount of unrecognized tax benefit could change in the next 12 months as a result of a lapse of the statute of limitations and settlements with taxing authorities. The total liability for unrecognized tax benefits is expected to decrease by approximately \$1.8 million in the next 12 months due to lapsing of statutes.

NOTE 6. STOCK AWARD PLANS

Stock-based compensation cost is measured at the grant date based on the value of the award and is recognized as expense as it vests. A summary of our total compensation expense recognized in our condensed consolidated statements of operations and comprehensive income for stock-based compensation is as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Stock options	\$ 5,666	\$ 1,715	\$ 17,931	\$ 5,341
Stock awards	17,539	5,427	48,443	17,149
Company expense on ESPP discount	566	525	2,101	2,019
Total stock-based compensation expense	\$ 23,771	\$ 7,667	\$ 68,475	\$ 24,509

On May 12, 2016, our shareholders approved an amendment to and restatement of our 2013 Equity Incentive Plan, which allows us to grant certain stock awards, including stock options at fair market value and performance shares and restricted stock units, to our key employees and outside directors. A maximum of 13,041,803 shares can be granted under this plan. Approximately 3,199,688 shares were available for stock awards under the plan as of September 30, 2018. Shares subject to awards that expire or are canceled without delivery of shares or that are settled in cash generally become available again for issuance under the plan.

Stock Options - We have awarded time-based and performance-based stock options to certain key employees. These options are subject to certain vesting requirements over a five -year period based on the company's earnings growth or on the employees continued employment. Any options remaining unvested at the end of the five -year vesting period are forfeited to the company. Although participants can exercise options via a stock swap exercise, we do not issue reloads (restoration options) on the grants.

The fair value of these options is established based on the market price on the date of grant, discounted for post-vesting holding restrictions, calculated using the Black-Scholes option pricing model. Changes in measured stock price volatility and interest rates are the primary reasons for changes in the discount. These grants are being expensed based on the terms of the awards. As of September 30, 2018 , unrecognized compensation expense related to stock options was \$40.3 million . The amount of future expense to be recognized will be based on the passage of time, the company's earnings growth, and certain other conditions.

Full Value Awards - We have awarded performance-based shares and restricted stock units to certain key employees and non-employee directors. These awards are subject to certain vesting requirements over a five -year period, based on our earnings growth. The awards also contain restrictions on the awardees' ability to sell or transfer vested awards for a specified period of time. The fair value of these awards is established based on the market price on the date of grant, discounted for post-vesting holding restrictions. The discounts on outstanding grants vary from 15 percent to 21 percent and are calculated using the Black-Scholes option pricing model-protective put method. Changes in measured stock price volatility and interest rates are the primary reasons for changes in the discount. These grants are being expensed based on the terms of the awards.

We have also awarded time-based restricted shares and restricted stock units to certain key employees that vest primarily based on their continued employment. The value of these awards is established by the market price on the date of the grant, discounted for post-vesting holding restrictions and is being expensed over the vesting period of the award.

We have also issued to certain key employees and non-employee directors restricted stock units which are fully vested upon issuance. These units contain restrictions on the awardees' ability to sell or transfer vested units for a specified period of time. The fair value of these units is established using the same method discussed above. These grants have been expensed during the year they were earned.

As of September 30, 2018 , there was unrecognized compensation expense of \$88.5 million related to previously granted full value awards. The amount of future expense to be recognized will be based on the passage of time, the company's earnings growth, and certain other conditions.

Employee Stock Purchase Plan - Our 1997 Employee Stock Purchase Plan ("ESPP") allows our employees to contribute up to \$10,000 of their annual cash compensation to purchase company stock. Purchase price is determined using the closing price on the last day of each quarter discounted by 15 percent . Shares vest immediately. The following is a summary of the employee stock purchase plan activity:

Three Months Ended September 30, 2018					
Shares purchased by employees		Aggregate cost to employees		Expense recognized by the company	
38,538	\$	3,207,903	\$	566,101	

NOTE 7. LITIGATION

We are not subject to any pending or threatened litigation other than routine litigation arising in the ordinary course of our business operations, including 15 contingent auto liability cases. For some legal proceedings, we have accrued an amount that reflects the aggregate liability deemed probable and estimable, but this amount is not material to our condensed consolidated financial position, results of operations, or cash flows. Because of the preliminary nature of many of these proceedings, the difficulty in ascertaining the applicable facts relating to many of these proceedings, the inconsistent treatment of claims made in many of these proceedings, and the difficulty of predicting the settlement value of many of these proceedings, we are often unable to estimate an amount or range of any reasonably possible additional losses. However, based upon our historical experience, the resolution of these proceedings is not expected to have a material effect on our consolidated financial position, results of operations, or cash flows.

NOTE 8. ACQUISITIONS

On August 31, 2017, we acquired the outstanding shares of Milgram & Company Ltd. ("Milgram") for the purpose of expanding our global presence and bringing additional capabilities and expertise to our portfolio. Total purchase consideration, net of cash acquired, was \$47.3 million, which was paid in cash. We used advances under the Credit Agreement to fund part of the cash consideration.

Identifiable intangible assets and estimated useful lives are as follows (dollars in thousands):

	Estimated Life (years)	
Customer relationships	7	\$ 14,004

There was \$28.3 million of goodwill recorded related to the acquisition of Milgram. The Milgram goodwill is a result of acquiring and retaining the Milgram existing workforce and expected synergies from integrating its business into ours. Purchase accounting is considered final. The goodwill is not deductible for tax purposes. The results of operations of Milgram have been included in our consolidated financial statements since September 1, 2017.

NOTE 9. SEGMENT REPORTING

Our reportable segments are based on our method of internal reporting, which generally segregates the segments by service line and the primary services they provide to our customers. We identify three reportable segments as follows:

- **North American Surface Transportation** -NAST provides freight transportation services across North America through a network of offices in the United States, Canada, and Mexico. The primary services provided by NAST include truckload, LTL, and intermodal.
- **Global Forwarding** -Global Forwarding provides global logistics services through an international network of offices in North America, Asia, Europe, Australia, New Zealand, and South America and also contracts with independent agents worldwide. The primary services provided by Global Forwarding include ocean freight services, airfreight services, and customs brokerage.
- **Robinson Fresh** -Robinson Fresh provides sourcing services under the trade name of Robinson Fresh. Our sourcing services primarily include the buying, selling, and marketing of fresh fruits, vegetables, and other perishable items. Robinson Fresh sources products from around the world and has a physical presence in North America, Europe, Asia, and South America. This segment often provides the logistics and transportation of the products they sell, in addition to temperature controlled transportation services for its customers.
- **All Other and Corporate** -All Other and Corporate includes our Managed Services segment, as well as Other Surface Transportation outside of North America and other miscellaneous revenues and unallocated corporate expenses. Managed Services provides Transportation Management Services, or Managed TMS[®]. Other Surface Transportation revenues are primarily earned by Europe Surface Transportation. Europe Surface Transportation provides services similar to NAST across Europe.

The internal reporting of segments is defined, based in part, on the reporting and review process used by our chief operating decision maker, our Chief Executive Officer. The accounting policies of our reporting segments are the same as those described in the summary of significant accounting policies. Segment information as of, and for the three and nine months ended September 30, 2018 and 2017, is as follows (dollars in thousands):

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Three Months Ended September 30, 2018						
Revenues	\$ 2,931,461	\$ 639,268	\$ 565,590	\$ 155,581	\$ —	\$ 4,291,900
Intersegment revenues ⁽¹⁾	147,104	12,626	56,425	3,756	(219,911)	—
Total revenues	3,078,565	651,894	622,015	159,337	(219,911)	4,291,900
Net revenues	465,522	134,101	60,340	34,081	—	694,044
Income from operations	204,158	23,835	21,411	(3,431)	—	245,973
Depreciation and amortization	6,096	8,735	1,092	8,000	—	23,923
Total assets ⁽²⁾	2,515,823	944,928	411,309	620,662	—	4,492,722
Average headcount	7,007	4,684	914	2,686	—	15,291

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Three Months Ended September 30, 2017						
Revenues	\$ 2,469,420	\$ 552,134	\$ 613,646	\$ 149,251	\$ —	\$ 3,784,451
Intersegment revenues ⁽¹⁾	115,796	7,873	43,272	3,228	(170,169)	—
Total revenues	2,585,216	560,007	656,918	152,479	(170,169)	3,784,451
Net revenues	377,403	129,842	54,253	32,348	—	593,846
Income from operations	151,392	31,125	11,586	362	—	194,465
Depreciation and amortization	5,808	8,455	1,190	8,510	—	23,963
Total assets ⁽²⁾	2,297,980	840,762	413,520	623,326	—	4,175,588
Average headcount	6,998	4,301	970	2,634	—	14,903

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Nine Months Ended September 30, 2018						
Revenues	\$ 8,473,376	\$ 1,810,619	\$ 1,737,083	\$ 472,186	\$ —	\$ 12,493,264
Intersegment revenues ⁽¹⁾	405,966	36,865	154,902	13,946	(611,679)	—
Total Revenues	8,879,342	1,847,484	1,891,985	486,132	(611,679)	12,493,264
Net Revenues	1,317,104	401,169	169,747	103,432	—	1,991,452
Income from Operations	562,802	61,844	39,950	(8,030)	—	656,566
Depreciation and amortization	18,314	26,397	3,409	24,282	—	72,402
Total assets ⁽²⁾	2,515,823	944,928	411,309	620,662	—	4,492,722
Average headcount	6,931	4,725	910	2,623	—	15,189

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Nine Months Ended September 30, 2017						
Revenues	\$ 7,110,223	\$ 1,549,742	\$ 1,821,094	\$ 428,535	\$ —	\$ 10,909,594
Intersegment revenues ⁽¹⁾	329,193	23,456	116,281	13,776	(482,706)	—
Total Revenues	7,439,416	1,573,198	1,937,375	442,311	(482,706)	10,909,594
Net Revenues	1,109,749	357,411	171,936	97,105	—	1,736,201
Income from Operations	447,553	75,006	40,487	1,197	—	564,243
Depreciation and amortization	17,104	24,574	3,534	24,128	—	69,340
Total assets ⁽²⁾	2,297,980	840,762	413,520	623,326	—	4,175,588
Average headcount	6,921	4,113	966	2,590	—	14,590

(1) Intersegment revenues represent the sales between our segments and are eliminated to reconcile to our consolidated results.

(2) All cash and cash equivalents are included in All Other and Corporate.

NOTE 10: REVENUE FROM CONTRACTS WITH CUSTOMERS

In 2014, the FASB issued ASU 2014-09, *Revenue from Contracts with Customers*, which we adopted in the first quarter of 2018. The standard outlines a five-step model whereby revenue is recognized as performance obligations within a customer contract are satisfied. The standard also requires new and expanded disclosures regarding revenue recognition. We adopted the new standard on January 1, 2018, using the modified retrospective transition method. We recognized the cumulative effect of initially applying the new revenue standard as an adjustment to the January 1, 2018 opening balance of retained earnings. The comparative information for previous periods has not been restated and continues to be reported under the accounting standards in effect for those periods.

The cumulative effect of the changes made to our consolidated January 1, 2018 balance sheet for the adoption of ASU 2014-09 were as follows:

	Balance at December 31, 2017	Adjustments	Balance at January 1, 2018
Balance Sheet			
<u>Assets</u>			
Receivables, net of allowance for doubtful accounts	\$ 2,113,930	\$ (101,718)	\$ 2,012,212
Contract assets	—	147,764	147,764
Prepaid expenses and other	63,116	4,021	67,137
<u>Liabilities</u>			
Accounts payable	1,000,305	(56,493)	943,812
Accrued expenses - transportation expense	—	94,811	94,811
Accrued expenses - compensation	105,316	1,964	107,280
Accrued expenses - other accrued liabilities	58,229	(2,752)	55,477
Deferred tax liabilities	45,355	3,298	48,653
<u>Equity</u>			
Retained earnings	3,437,093	9,239	3,446,332

The impact of adoption of ASU 2014-09 on our consolidated statements of operations and consolidated balance sheets were as follows. The adoption of ASU 2014-09 did not have a material impact upon our consolidated statements of cash flows.

	Three Months Ended September 30, 2018		
	As reported	Balances without adoption of ASU 2014-09	Effect of Change Higher / (Lower)
Income Statement			
Revenues			
Transportation	\$ 4,028,392	\$ 4,018,151	\$ 10,241
Sourcing ⁽¹⁾	263,508	292,090	(28,582)
Total Revenues	\$ 4,291,900	\$ 4,310,241	\$ (18,341)
Costs and expenses			
Purchased transportation and related services	\$ 3,359,520	\$ 3,350,085	\$ 9,435
Purchased products sourced for resale ⁽¹⁾	238,336	266,918	(28,582)
Personnel expenses	335,299	335,198	101
Other selling, general, and administrative expenses	112,772	112,772	—
Total Costs and Expenses	4,045,927	4,064,973	(19,046)
Income from operations	245,973	245,268	705
Interest and other expense	(6,526)	(6,526)	—
Income before provision for income taxes	239,447	238,742	705
Provision for income taxes	63,552	63,300	252
Net income	\$ 175,895	\$ 175,442	\$ 453

	Nine Months Ended September 30, 2018		
	As reported	Balances without adoption of ASU 2014-09	Effect of Change Higher / (Lower)
Income Statement			
Revenues			
Transportation	\$ 11,619,171	\$ 11,537,467	\$ 81,704
Sourcing ⁽¹⁾	874,093	957,889	(83,796)
Total Revenues	\$ 12,493,264	\$ 12,495,356	\$ (2,092)
Costs and expenses			
Purchased transportation and related services	\$ 9,714,318	\$ 9,642,888	\$ 71,430
Purchased products sourced for resale ⁽¹⁾	787,494	871,290	(83,796)
Personnel expenses	1,004,226	1,003,575	651
Other selling, general, and administrative expenses	330,660	330,660	—
Total Costs and Expenses	11,836,698	11,848,413	(11,715)
Income from operations	656,566	646,943	9,623
Interest and other expense	(22,354)	(22,354)	—
Income before provision for income taxes	634,212	624,589	9,623
Provision for income taxes	156,857	154,332	2,525
Net income	\$ 477,355	\$ 470,257	\$ 7,098

(1) We have identified certain customer contracts in our sourcing managed procurement business that changed from a principal to an agent relationship under the new standard. This change resulted in these contracts being recognized at the net amount we charge our customers but had no impact on income from operations.

	As of September 30, 2018		
	As reported	Balances without adoption of ASU 2014-09	Effect of Change Higher / (Lower)
Balance Sheet			
<u>Assets</u>			
Receivables, net of allowance for doubtful accounts	\$ 2,251,944	\$ 2,327,352	\$ (75,408)
Contract assets	201,411	—	201,411
Prepaid expenses and other	53,909	52,518	1,391
<u>Liabilities</u>			
Accounts payable	\$ 1,077,780	\$ 1,128,878	\$ (51,098)
Accrued expenses - transportation expense	156,810	—	156,810
Accrued expenses - compensation	121,813	119,197	2,616
Accrued expenses - other accrued liabilities	68,863	71,929	(3,066)
Deferred tax liabilities	44,555	38,760	5,795
<u>Equity</u>			
Retained earnings	\$ 3,728,503	\$ 3,712,166	\$ 16,337

We typically do not receive consideration and amounts are not due from our customer prior to the completion of our performance obligation and as such contract liabilities as of September 30, 2018 and revenue recognized in the three and nine months ended September 30, 2018 resulting from contract liabilities were not significant. Contract assets and accrued expenses - transportation expense fluctuate from period to period primarily based upon shipments in-transit at period end.

A summary of our total revenues disaggregated by major service line and timing of revenue recognition is presented below for each of our reportable segments for the three and nine months ended September 30, 2018 as follows:

Three Months Ended September 30, 2018					
	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Total
Major Service Lines					
Transportation and logistics services	\$ 2,931,461	\$ 639,268	\$ 302,082	\$ 155,581	\$ 4,028,392
Sourcing	—	—	263,508	—	263,508
Total	<u>\$ 2,931,461</u>	<u>\$ 639,268</u>	<u>\$ 565,590</u>	<u>\$ 155,581</u>	<u>\$ 4,291,900</u>
Timing of Revenue Recognition					
Performance obligations completed over time	\$ 2,931,461	\$ 639,268	\$ 302,082	\$ 155,581	\$ 4,028,392
Performance obligations completed at a point in time	—	—	263,508	—	263,508
Total	<u>\$ 2,931,461</u>	<u>\$ 639,268</u>	<u>\$ 565,590</u>	<u>\$ 155,581</u>	<u>\$ 4,291,900</u>

Nine Months Ended September 30, 2018					
	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Total
Major Service Lines					
Transportation and logistics services	\$ 8,473,376	\$ 1,810,619	\$ 862,990	\$ 472,186	\$ 11,619,171
Sourcing	—	—	874,093	—	874,093
Total	<u>\$ 8,473,376</u>	<u>\$ 1,810,619</u>	<u>\$ 1,737,083</u>	<u>\$ 472,186</u>	<u>\$ 12,493,264</u>
Timing of Revenue Recognition					
Performance obligations completed over time	\$ 8,473,376	\$ 1,810,619	\$ 862,990	\$ 472,186	\$ 11,619,171
Performance obligations completed at a point in time	—	—	874,093	—	874,093
Total	<u>\$ 8,473,376</u>	<u>\$ 1,810,619</u>	<u>\$ 1,737,083</u>	<u>\$ 472,186</u>	<u>\$ 12,493,264</u>

Approximately 92 percent of our total revenues for both the three and nine months ended September 30, 2018 are attributable to arranging for the transportation of our customer's freight for which we transfer control and satisfy our performance obligation over the requisite transit period. A days in transit output method is used to measure the progress of our performance as of the reporting date. We determine the transit period based upon the departure date and the delivery date, which may be estimated if delivery has not occurred as of the reporting date. Determining the transit period and how much of it has been completed as of the reporting date may require management to make judgments that affect the timing of revenue recognized. We have determined that revenue recognition over the transit period provides a faithful depiction of the transfer of goods and services to our customer as our obligation is performed over the transit period. The transaction price for our performance obligation under these arrangements is generally fixed and readily determinable upon contract inception and is not contingent upon the occurrence or non-occurrence of another event.

Approximately six percent and seven percent, respectively, of our total revenues for the three and nine months ended September 30, 2018 are attributable to buying, selling, and/or marketing of produce including fresh fruits, vegetables, and other value-added perishable items. Of these transactions, nearly all of our gross revenues are recognized at a point in time upon completion of our performance obligation, which is generally when the produce is received by our customer. The transaction price for our performance obligation under these arrangements is generally fixed and readily determinable upon contract inception and is not contingent upon the occurrence or non-occurrence of another event.

Approximately two percent and one percent, respectively, of our total revenues for the three and nine months ended September 30, 2018 are attributable to value-added logistics services, such as customs brokerage, fee-based managed services, warehousing services, small parcel, and supply chain consulting and optimization services. Of these services, nearly all are recognized over time as we complete our performance obligation. Transaction price is determined and allocated to these performance obligations at their fixed fee or agreed upon rate multiplied by their associated measure of progress, which may be transactional volumes, labor hours, or time elapsed.

Practical Expedients - Upon the adoption of ASU 2014-09, we have determined that we qualify for certain practical expedients to facilitate the adoption of the standard. We have elected to expense incremental costs of obtaining customer contracts (i.e. sales commissions) due to the short duration of our arrangements as the amortization period of such amounts is expected to be less than one year. These amounts are included within personnel expenses in our consolidated statements of operations and comprehensive income. In addition, we do not disclose the aggregate amount of transaction price allocated to performance obligations that are unsatisfied as of the end of the period as our contracts have an expected length of one year or less. Finally, for certain of our performance obligations such as fee-based managed services, supply chain consulting and optimization services, and warehousing services we have recognized revenue in the amount for which we have the right to invoice our customer as we have determined this amount corresponds directly with the value provided to the customer for our performance completed to date.

Critical Accounting Policies and Estimates - We have updated our revenue recognition critical accounting policy to reflect the adoption of ASU 2014-09 below.

REVENUE RECOGNITION. At contract inception, we assess the goods and services promised in our contracts with customers and identify our performance obligations to provide distinct goods and services to our customers. We have determined that the following distinct goods and services represent our primary performance obligations.

Transportation and Logistics Services - As a third party logistics provider, our primary performance obligation under our customer contracts is to utilize our relationships with a wide variety of transportation companies to efficiently and cost-effectively transport our customer's freight. Revenue is recognized for these performance obligations as they are satisfied over the contract term, which generally represents the transit period. The transit period can vary based upon the method of transport, generally a couple days for over-the-road, rail and air transportation, or several weeks in the case of an ocean shipment. When the customer's freight reaches its intended destination our performance obligation is complete. Pricing for our services is generally a fixed amount and is typically due within 30 days upon completion of our performance obligation.

We also provide certain value-added logistics services, such as customs brokerage, fee-based managed services, warehousing services, small parcel, and supply chain consulting and optimization services. These services may include one or more performance obligations which are generally satisfied over the service period as we perform our obligations. The service period may be a very short duration, in the case of customs brokerage, or it may be longer in the case of managed services and supply chain consulting and optimization services. Pricing for our services is established in the customer contract and is dependent upon the specific needs of the customer but may be agreed upon at a fixed fee per transaction, labor hour, or service period. Payment is typically due within 30 days upon completion of our performance obligation.

Sourcing services - We contract with grocery retailers, restaurants, foodservice distributors, and produce wholesalers to provide sourcing services under the trade name Robinson Fresh. Our primary service obligation under these contracts is the buying, selling, and/or marketing of produce including fresh fruits, vegetables, and other value-added perishable items. Revenue is recognized when our performance obligations under these contracts is satisfied at a point in time, generally when the produce is received by our customer. Pricing under these contracts is generally a fixed amount and is typically due within 30 days upon completion of our performance obligation.

In many cases, as additional performance obligations, we contract to arrange logistics and transportation of the products we buy, sell, and/or market. These performance obligations are satisfied over the contract term consistent with our other transportation and logistics services. The contract period is typically less than one year. Pricing for our services is generally a fixed amount and is typically due within 30 days upon completion of our performance obligation.

Total revenues represent the total dollar value of revenue recognized from contracts with customers for the goods and services we provide. Substantially all of our revenue is attributable to contracts with our customers. Our net revenues are our total revenues less purchased transportation and related services, including contracted motor carrier, rail, ocean, air, and other costs, and the purchase price and services related to the products we source. Most transactions in our transportation and sourcing businesses are recorded at the gross amount we charge our customers for the service we provide and goods we sell. In these transactions, we are primarily responsible for fulfilling the promise to provide the specified good or service to our customer and we have discretion in establishing the price for the specified good or service. Additionally, in our sourcing business, in some cases we take inventory risk before the specified good has been transferred to our customer. Customs brokerage, managed services, freight forwarding, and sourcing managed procurement transactions are recorded at the net amount we charge our customers for the service we provide because many of the factors stated above are not present.

NOTE 11. CHANGES IN ACCUMULATED OTHER COMPREHENSIVE LOSS

Accumulated other comprehensive loss is included in Stockholders' investment on our condensed consolidated balance sheets. The recorded balance, at September 30, 2018, and December 31, 2017, was \$57.4 million and \$18.5 million, respectively. Accumulated other comprehensive loss is comprised solely of foreign currency adjustments at September 30, 2018 and December 31, 2017.

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

You should read the following discussion of our financial condition and results of operations in conjunction with our condensed consolidated financial statements and related notes.

FORWARD-LOOKING INFORMATION

Our quarterly report on Form 10-Q, including this discussion and analysis of our financial condition and results of operations and our disclosures about market risk, contains certain "forward-looking statements." These statements represent our expectations, beliefs, intentions, or strategies concerning future events that, by their nature, involve risks and uncertainties. Forward-looking statements include, among others, statements about our future performance, the continuation of historical trends, the sufficiency of our sources of capital for future needs, the effects of acquisitions or dispositions, the expected impact of recently issued accounting pronouncements, and the outcome or effects of litigation. Risks that could cause actual results to differ materially from our current expectations include changes in economic conditions, including uncertain consumer demand; economic recessions; changes in market demand and pressures on the pricing for our services; fuel prices and availability; changes in the availability of equipment and services from third party providers, including the availability of contracted truckload carriers and changes in prices; changes in political and governmental conditions domestically and internationally; catastrophic events such as environmental events or terrorist attacks; failure to retain employees; failure of any of our technology or operating systems, including due to data security breaches or hacking; competition and growth rates within the third party logistics industry; risks associated with our decentralized operations; seasonality in the transportation industry; risks associated with litigation and insurance coverage; risks associated with operations outside of the U.S.; risks associated with the produce industry, including supply, product liability, food safety and contamination issues; risks of unexpected or unanticipated events or opportunities that might require additional capital expenditures; our dependence on our largest customers; risks associated with identifying suitable acquisitions and investments and with integrating acquired companies; risks associated with our long-term growth and profitability; and other risks and uncertainties detailed in our Annual and Quarterly Reports. Therefore, actual results may differ materially from our expectations based on these and other risks and uncertainties, including those described in Item 1A. Risk Factors of our Annual Report on Form 10-K for the year ended December 31, 2017, filed with the Securities and Exchange Commission on February 28, 2018.

Any forward-looking statement speaks only as of the date on which such statement is made, and we undertake no obligation to update such statement to reflect events or circumstances arising after such date.

OVERVIEW

Our company. We are a global provider of transportation services and logistics solutions, operating through a network of offices in North America, Europe, Asia, Australia, New Zealand, and South America. As a third party logistics provider, we enter into contractual relationships with a wide variety of transportation companies, and utilize those relationships to efficiently and cost effectively transport our customers' freight. We utilized approximately 73,000 contracted transportation companies, including motor carriers, railroads (primarily intermodal service providers), and air and ocean carriers in 2017. Depending on the needs of our customer and their supply chain requirements, we select and hire the appropriate transportation for each shipment. Our model enables us to be flexible and provide solutions that optimize service for our customers. For more information, visit www.chrobinson.com.

In addition to transportation and logistics services, we also provide sourcing services. Our sourcing business consists of buying, selling, and/or marketing fresh fruits, vegetables, and other value-added perishable items. We supply fresh produce through a network of independent produce growers and suppliers. Our customers include grocery retailers, restaurants, foodservice distributors, and produce wholesalers. In many cases, as additional performance obligations, we also arrange the logistics and transportation of the products we sell and provide related supply chain services, such as replenishment, category management, and managed procurement services. Transportation revenues generated by Robinson Fresh are included in our transportation service line, but are included in Robinson Fresh.

Our reportable segments are North American Surface Transportation (“NAST”), Global Forwarding, Robinson Fresh, and All Other and Corporate. The All Other and Corporate segment includes Managed Services, Other Surface Transportation outside of North America, and other miscellaneous revenues and unallocated corporate expenses. We group offices primarily by services they provide. For financial information concerning our reportable segments and geographic regions, refer to Note 9 of our consolidated financial statements.

On August 31, 2017, we acquired Milgram & Company Ltd. (“Milgram”), a provider of freight forwarding, customs brokerage, and surface transportation primarily in Canada. The acquisition strengthens our global forwarding and customs brokerage offerings in Canada.

Our business model. We are primarily a service company. We add value and expertise in the procurement and execution of transportation and logistics, including sourcing of produce products for our customers. Our total revenues represent the total dollar value of services and goods we sell to our customers. Net revenues are a non-GAAP financial measure calculated as total revenues less the cost of purchased transportation and related services and the cost of purchased products sourced for resale. We believe net revenues are a useful measure of our ability to source, add value, and sell services and products that are provided by third parties, and we consider net revenues to be our primary performance measurement. Accordingly, the discussion of our results of operations often focuses on the changes in our net revenues. The reconciliation of total revenues to net revenues is presented below (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Revenues:				
Transportation	\$ 4,028,392	\$ 3,433,701	\$ 11,619,171	\$ 9,855,739
Sourcing	263,508	350,750	874,093	1,053,855
Total revenues	4,291,900	3,784,451	12,493,264	10,909,594
Costs and expenses:				
Purchased transportation and related services	3,359,520	2,869,616	9,714,318	8,214,856
Purchased products sourced for resale	238,336	320,989	787,494	958,537
Total costs and expenses	3,597,856	3,190,605	10,501,812	9,173,393
Net revenues	\$ 694,044	\$ 593,846	\$ 1,991,452	\$ 1,736,201

We keep our business model as variable as possible to allow us to be flexible and adapt to changing economic and industry conditions. We sell transportation services and produce to our customers under various price arrangements. Some prices are committed to for a period of time, subject to certain terms and conditions, and some prices are set on a spot market basis. We buy most of our truckload transportation capacity and produce on a spot market basis. Because of this, our net revenue per transaction tends to increase in times when there is excess supply and decrease in times when demand is strong relative to supply.

We keep our personnel and other operating expenses as variable as possible. Compensation is tied to productivity and performance. Each office is responsible for its hiring and headcount decisions, based on the needs of their office and to balance personnel resources with business requirements. This helps keep our personnel expense as variable as possible with the business.

Our office network. Our office network is a competitive advantage. Building local customer and contract carrier relationships has been an important part of our success, and our worldwide network of offices supports our core strategy of serving customers locally, nationally, and globally. Our network offices helps us penetrate local markets, provides face-to-face service when needed, and enables us to recruit contract carriers. Our network also gives us knowledge of local market conditions, which is important in the transportation industry because it is market driven and very dynamic.

Our people. Because we are a service company, our continued success is dependent on our ability to continue to hire and retain talented, productive people, and to properly align our headcount and personnel expense with our business. Compensation programs are mostly performance-based and cash incentives are directly tied to productivity and performance. Most network management compensation is dependent on the profitability of their particular office. We believe this makes our employees more service-oriented and focused on driving growth and maximizing office productivity. All of our managers and certain other employees who have significant responsibilities are eligible to receive equity awards because we believe these awards are an effective tool for creating long-term ownership and alignment between employees and our shareholders.

Our customers. In 2017, we worked with more than 120,000 active customers. We work with a wide variety of companies, ranging in size from Fortune 100 companies to small family businesses, in many different industries. Our customer base is very diverse and unconcentrated. In 2017, our top 100 customers represented approximately 35 percent of our total revenues and approximately 23 percent of our net revenues. Our largest customer was approximately two percent of our total revenues in 2017.

Our contracted carriers. Our contracted carrier base includes motor carriers, railroads (primarily intermodal service providers), air freight, and ocean carriers. In 2017, we worked with approximately 73,000 transportation providers worldwide, up from approximately 71,000 in 2016. Motor carriers that had fewer than 100 tractors transported approximately 82 percent of our truckload shipments in 2017. In our transportation business, no single contracted carrier represents more than two percent of our contracted carrier capacity.

RESULTS OF OPERATIONS

The following table summarizes our total revenues by services and products (in thousands):

	Three Months Ended September 30,			Nine Months Ended September 30,		
	2018	2017	% change	2018	2017	% change
Transportation	\$ 4,028,392	\$ 3,433,701	17.3 %	\$ 11,619,171	\$ 9,855,739	17.9 %
Sourcing	263,508	350,750	-24.9 %	874,093	1,053,855	-17.1 %
Total	\$ 4,291,900	\$ 3,784,451	13.4 %	\$ 12,493,264	\$ 10,909,594	14.5 %

The following table illustrates our net revenue margins by services and products:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Transportation	16.6%	16.4%	16.4%	16.6%
Sourcing	9.6%	8.5%	9.9%	9.0%
Total	16.2%	15.7%	15.9%	15.9%

The following table summarizes our net revenues by service line. The service line net revenues in the table differ from the segment service line revenues discussed below as our segments have revenues from multiple service lines (in thousands):

	Three Months Ended September 30,			Nine Months Ended September 30,		
	2018	2017	% change	2018	2017	% change
Transportation						
Truckload	\$ 378,572	\$ 301,025	25.8 %	\$ 1,050,305	\$ 887,865	18.3 %
LTL ⁽¹⁾	122,616	101,870	20.4 %	353,949	301,706	17.3 %
Intermodal	8,361	7,478	11.8 %	23,874	23,278	2.6 %
Ocean	74,839	81,182	-7.8 %	230,718	217,495	6.1 %
Air	29,991	25,529	17.5 %	89,779	73,166	22.7 %
Customs	23,305	17,421	33.8 %	64,754	49,810	30.0 %
Other Logistics Services	31,188	29,580	5.4 %	91,474	87,563	4.5 %
Total Transportation	668,872	564,085	18.6 %	1,904,853	1,640,883	16.1 %
Sourcing	25,172	29,761	-15.4 %	86,599	95,318	-9.1 %
Total	\$ 694,044	\$ 593,846	16.9 %	\$ 1,991,452	\$ 1,736,201	14.7 %

(1) Less than truckload ("LTL").

The following table represents certain statements of operations data, shown as percentages of our net revenues:

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2018	2017	2018	2017
Net revenues	100.0 %	100.0 %	100.0 %	100.0 %
Operating expenses:				
Personnel expenses	48.3 %	49.4 %	50.4 %	50.0 %
Other selling, general, and administrative expenses	16.3 %	17.9 %	16.6 %	17.5 %
Total operating expenses	64.6 %	67.3 %	67.0 %	67.5 %
Income from operations	35.4 %	32.7 %	33.0 %	32.5 %
Interest and other expense	(0.9)%	(1.8)%	(1.1)%	(1.7)%
Income before provision for income taxes	34.5 %	31.0 %	31.8 %	30.8 %
Provision for income taxes	9.2 %	10.9 %	7.9 %	10.5 %
Net income	25.3 %	20.1 %	24.0 %	20.3 %

The following table summarizes our results by reportable segment (dollars in thousands):

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Three Months Ended September 30, 2018						
Revenues	\$ 2,931,461	\$ 639,268	\$ 565,590	\$ 155,581	\$ —	\$ 4,291,900
Intersegment revenues ⁽¹⁾	147,104	12,626	56,425	3,756	(219,911)	—
Total revenues	3,078,565	651,894	622,015	159,337	(219,911)	4,291,900
Net revenues	465,522	134,101	60,340	34,081	—	694,044
Income from operations	204,158	23,835	21,411	(3,431)	—	245,973
Three Months Ended September 30, 2017						
Revenues	\$ 2,469,420	\$ 552,134	\$ 613,646	\$ 149,251	\$ —	\$ 3,784,451
Intersegment revenues ⁽¹⁾	115,796	7,873	43,272	3,228	(170,169)	—
Total revenues	2,585,216	560,007	656,918	152,479	(170,169)	3,784,451
Net revenues	377,403	129,842	54,253	32,348	—	593,846
Income from operations	151,392	31,125	11,586	362	—	194,465

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Nine Months Ended September 30, 2018						
Revenues	\$ 8,473,376	\$ 1,810,619	\$ 1,737,083	\$ 472,186	\$ —	\$ 12,493,264
Intersegment revenues ⁽¹⁾	405,966	36,865	154,902	13,946	(611,679)	—
Total Revenues	8,879,342	1,847,484	1,891,985	486,132	(611,679)	12,493,264
Net Revenues	1,317,104	401,169	169,747	103,432	—	1,991,452
Income from Operations	562,802	61,844	39,950	(8,030)	—	656,566

	NAST	Global Forwarding	Robinson Fresh	All Other and Corporate	Eliminations	Consolidated
Nine Months Ended September 30, 2017						
Revenues	\$ 7,110,223	\$ 1,549,742	\$ 1,821,094	\$ 428,535	\$ —	\$ 10,909,594
Intersegment revenues ⁽¹⁾	329,193	23,456	116,281	13,776	(482,706)	—
Total Revenues	7,439,416	1,573,198	1,937,375	442,311	(482,706)	10,909,594
Net Revenues	1,109,749	357,411	171,936	97,105	—	1,736,201
Income from Operations	447,553	75,006	40,487	1,197	—	564,243

(1) Intersegment revenues represent the sales between our segments and are eliminated to reconcile to our consolidated results.

Three Months Ended September 30, 2018 Compared to Three Months Ended September 30, 2017

Total revenues and direct costs. Our consolidated total revenues increased 13.4 percent to \$4.3 billion in the third quarter of 2018 compared to \$3.8 billion in the third quarter of 2017. Total transportation revenues increased 17.3 percent to \$4.0 billion in the third quarter of 2018 compared to \$3.4 billion in the third quarter of 2017. The increase was driven by increased pricing, including fuel, and volume growth in LTL and global forwarding services. Total purchased transportation and related services increased 17.1 percent to \$3.4 billion in the third quarter of 2018 compared to \$2.9 billion the third quarter of 2017. The increase was due to increased cost of transportation, including fuel, and volume growth in LTL and global forwarding services. Our sourcing revenue decreased 24.9 percent to \$263.5 million in the third quarter of 2018 from \$350.8 million in the third quarter of 2017. Purchased products sourced for resale decreased 25.7 percent in the third quarter of 2018 to \$238.3 million from \$321.0 million in the third quarter of 2017. Sourcing total revenues and purchased products for resale decreased by \$28.6 million as a result of our adoption of ASU 2014-09, *Revenue from Contracts with Customers*.

Net revenues. Total transportation net revenues increased 18.6 percent to \$668.9 million in the third quarter of 2018 from \$564.1 million in the third quarter of 2017. Our transportation net revenue margin increased to 16.6 percent in the third quarter of 2018 from 16.4 percent in the third quarter of 2017 driven by margin expansion in our truckload services. Sourcing net revenues decreased 15.4 percent to \$25.2 million in the third quarter of 2018 from \$29.8 million in the third quarter of 2017. Our sourcing net revenue margin increased to 9.6 percent in the third quarter of 2018 from 8.5 percent in the third quarter of 2017 driven by the impact of our adoption of ASU 2014-09.

Operating expenses. Operating expenses increased 12.2 percent to \$448.1 million in the third quarter of 2018 from \$399.4 million in the third quarter of 2017. Operating expenses as a percentage of net revenues decreased to 64.6 percent in the third quarter of 2018 from 67.3 percent in the third quarter of 2017.

For the third quarter, personnel expenses increased 14.4 percent to \$335.3 million in 2018 from \$293.2 million in 2017. The increase in personnel expense was primarily due to an increase in variable compensation and an increase of 2.6 percent in average headcount in the third quarter of 2018 compared to the third quarter of 2017.

For the third quarter of 2018, other selling, general, and administrative expenses increased 6.2 percent to \$112.8 million in 2018 from \$106.2 million in the third quarter of 2017, primarily driven by increases in purchased services and occupancy. These were partially offset by a decrease in equipment rental and maintenance and insurance expenses.

Income from operations. Income from operations increased 26.5 percent to \$246.0 million in the third quarter of 2018 from \$194.5 million in the third quarter of 2017 . This increase was primarily driven by an increase in income from operations in NAST and Robinson Fresh, partially offset by a decrease in income from operations in Global Forwarding and All Other and Corporate. Income from operations as a percentage of net revenues increased to 35.4 percent in the third quarter of 2018 from 32.7 percent in the third quarter of 2017 .

Interest and other expense. Interest and other expense was \$6.5 million in the third quarter of 2018 compared to \$10.5 million in the third quarter of 2017 . The decrease was due primarily to a \$7.0 million favorable impact of currency revaluation, partially offset by increased interest expense from a higher average debt balance and an increase in variable interest rates during the quarter ended September 30, 2018 , compared to the same period ended September 30, 2017 .

Provision for income taxes. Our effective income tax rate was 26.5 percent for the third quarter of 2018 and 35.2 percent for the third quarter of 2017 . The effective income tax rate for the three months ended September 30, 2018 was higher than the statutory federal income tax rate due to state income taxes, net of federal benefit, and foreign income taxes, but was partially offset by the tax impact of share-based payment awards, which resulted in a decrease in our provision for income taxes for the three months ended September 30, 2018 and 2017 of \$1.8 million and \$1.3 million , respectively.

Net income. Net income increased 47.6 percent to \$175.9 million in the third quarter of 2018 from \$119.2 million in the third quarter of 2017 . Basic net income per share increased 49.4 percent to \$1.27 from \$0.85 in the third quarter of 2018 compared to the third quarter of 2017 . Diluted net income per share increased 47.1 percent to \$1.25 from \$0.85 in the third quarter of 2018 compared to the third quarter of 2017 .

SEGMENT RESULTS OF OPERATIONS

Three Months Ended September 30, 2018 , Compared to Three Months Ended September 30, 2017

North American Surface Transportation. NAST revenues increased 18.7 percent to \$2.9 billion in the third quarter of 2018 from \$2.5 billion in the third quarter of 2017 . This increase was primarily driven by increased pricing, including fuel. NAST cost of transportation and related services increased 17.9 percent to \$2.5 billion in the third quarter of 2018 from \$2.1 billion in the third quarter of 2017 , driven by higher cost per mile, including fuel. NAST net revenues increased 23.3 percent to \$465.5 million in the third quarter of 2018 from \$377.4 million in the third quarter of 2017 . This was primarily driven by an increase in truckload and LTL net revenues, discussed below.

NAST truckload net revenues increased 25.5 percent to \$334.7 million in the third quarter of 2018 from \$266.6 million in the third quarter of 2017 . NAST truckload volumes decreased 0.5 percent in the third quarter of 2018 compared to the third quarter of 2017 . NAST truckload net revenue margin was higher in the third quarter of 2018 compared to the third quarter of 2017 .

NAST truckload net revenues accounted for approximately 92 percent of our total North American truckload net revenues in the third quarter of 2018 and approximately 93 percent in the third quarter of 2017 . The majority of the remaining North American truckload net revenues are included in Robinson Fresh. Excluding the estimated impacts of the increase in fuel costs, our average truckload rate per mile charged to our customers increased approximately 14 percent in the third quarter of 2018 compared to the third quarter of 2017 reflecting elevated spot market activity and pricing reflective of the marketplace conditions. Our truckload transportation costs increased approximately 12 percent , excluding the estimated increase in fuel costs. In periods of market dislocation, we experience higher levels of repricing activity across our portfolio. As freight costs decelerate, we typically see our volume shift more heavily towards contractual business, accompanied by net revenue growth and margin expansion.

NAST LTL net revenues increased 19.6 percent to \$116.8 million in the third quarter of 2018 from \$97.6 million in the third quarter of 2017 . This increase was due to increased customer pricing and a volume increase of 4.5 percent in the third quarter of 2018 compared to the third quarter of 2017 , partially offset by a decrease in net revenue margin resulting from increased purchased transportation costs.

NAST intermodal net revenues increased 10.8 percent to \$7.9 million in the third quarter of 2018 from \$7.1 million in the third quarter of 2017 . NAST intermodal net revenues increased due to increased customer pricing, partially offset by a volume decrease of 6.0 percent .

NAST operating expenses increased 15.6 percent in the third quarter of 2018 to \$261.4 million compared to \$226.0 million in the third quarter of 2017 . This was primarily due to an increase in personnel expenses. The increase in personnel expense is primarily related to an increase in variable compensation in the third quarter of 2018 compared to the third quarter of 2017 . The operating expenses of NAST and all other segments include allocated corporate expenses.

NAST income from operations increased 34.9 percent to \$204.2 million in the third quarter of 2018 from \$151.4 million in the third quarter of 2017 due primarily to an increase in net revenues.

Global Forwarding. Global Forwarding revenues increased 15.8 percent to \$639.3 million in the third quarter of 2018 compared to \$552.1 million in the third quarter of 2017 . Global Forwarding costs of transportation and related services increased 19.6 percent to \$505.2 million in the third quarter of 2018 from \$422.3 million in the third quarter of 2017 . Global Forwarding net revenues increased 3.3 percent to \$134.1 million in the third quarter of 2018 compared to \$129.8 million in the third quarter of 2017 . The acquisition of Milgram accounted for approximately three percentage points of the net revenue growth in Global Forwarding in the third quarter of 2018 .

Global Forwarding ocean transportation net revenues decreased 7.9 percent to \$74.7 million in the third quarter of 2018 from \$81.1 million in the third quarter of 2017 , primarily due increased cost of transportation, partially offset by volume and pricing increases. Milgram added approximately two percentage points of growth to ocean transportation net revenues in the third quarter of 2018. Ocean transportation volumes increased approximately seven percent in the third quarter of 2018 compared to the same period of 2017 .

Global Forwarding air transportation net revenues increased 17.7 percent to \$28.2 million in the third quarter of 2018 from \$24.0 million in the third quarter of 2017 . Air transportation volumes increased approximately seven percent and customer pricing also increased in the third quarter of 2018 compared to the same period of 2017 . Milgram contributed approximately one percentage point to the air transportation net revenue growth.

Global Forwarding customs net revenues increased 33.8 percent to \$23.3 million in the third quarter of 2018 from \$17.4 million in 2017 . Customs transaction volumes increased approximately 20 percent in the third quarter of 2018 compared to the same period of 2017 , with Milgram contributing approximately 12 percentage points to the growth.

Global Forwarding operating expenses increased 11.7 percent in the third quarter of 2018 to \$110.3 million from \$98.7 million in the third quarter of 2017 . This increase was primarily due to an increase in personnel expense, which was driven by an average headcount increase of 8.9 percent and an increase in variable compensation. The acquisition of Milgram added approximately five percentage points to the Global Forwarding average headcount.

Global Forwarding income from operations decreased 23.4 percent to \$23.8 million in the third quarter of 2018 from \$31.1 million in the third quarter of 2017 . This was primarily due to an increase in personnel and selling, general, and administrative expenses, partially offset by the increase in net revenues.

Robinson Fresh. Robinson Fresh revenues decreased 7.8 percent to \$565.6 million in the third quarter of 2018 from \$613.6 million in the third quarter of 2017 . Robinson Fresh costs of transportation and related services and purchased products sourced for resale decreased 9.7 percent to \$505.3 million in the third quarter of 2018 from \$559.4 million in the third quarter of 2017 . Robinson Fresh net revenues increased 11.2 percent to \$60.3 million in the third quarter of 2018 from \$54.3 million in the third quarter of 2017 . Sourcing total revenues and purchased products for resale decreased by \$28.6 million as a result of our adoption of ASU 2014-09.

Robinson Fresh net revenues from sourcing services decreased 15.4 percent to \$25.2 million in the third quarter of 2018 compared to \$29.8 million in the third quarter of 2017 as sourcing case volumes decreased approximately 9.5 percent driven by a strategic customer exiting the fresh produce business, lower levels of customer promotional activity at our retail customers and lower restaurant traffic at our foodservice customers.

Robinson Fresh net revenues from transportation services increased 43.6 percent to \$35.2 million in the third quarter of 2018 compared to \$24.5 million in the third quarter of 2017 , primarily due to margin expansion in committed business, partially offset by a truckload volume decline of nine percent.

Robinson Fresh operating expenses decreased 8.8 percent in the third quarter of 2018 to \$38.9 million from \$42.7 million in the third quarter of 2017 . This was primarily due to decreases in selling, general and administrative expenses and lower personnel expenses driven by an average headcount decrease of 5.8 percent .

Robinson Fresh income from operations increased 84.8 percent to \$21.4 million in the third quarter of 2018 from \$11.6 million in the third quarter of 2017 . This was due to an increase in net revenues and a decrease in operating expenses.

All Other and Corporate. All Other and Corporate includes our Managed Services segment, as well as Other Surface Transportation outside of North America and other miscellaneous revenues and unallocated corporate expenses. Managed Services provides Transportation Management Services, or Managed TMS. Other Surface Transportation revenues are primarily earned by Europe Surface Transportation. Europe Surface Transportation provides services similar to NAST across Europe.

Managed Services net revenues increased 8.6 percent in the third quarter of 2018 to \$20.1 million compared to \$18.5 million in the third quarter of 2017 . This increase was driven by a combination of selling additional service lines to existing customers, new customer wins and growth in existing services.

Other Surface Transportation net revenues increased one percent in the third quarter of 2018 to \$14.0 million compared to \$13.9 million in the third quarter of 2017 . This increase was primarily the result of volume increases in Europe.

Nine Months Ended September 30, 2018 Compared to Nine Months Ended September 30, 2017

Total revenues and direct costs. Our consolidated total revenues increased 14.5 percent to \$12.5 billion in the nine months ended September 30, 2018 , compared to \$10.9 billion in the nine months ended September 30, 2017 . Total transportation revenues increased 17.9 percent to \$11.6 billion in the nine months ended September 30, 2018 , from \$9.9 billion in the nine months ended September 30, 2017 . The increase in total transportation revenues was primarily driven by increased pricing, including fuel, and volume growth across many of our service lines. Total purchased transportation and related services increased 18.3 percent in the nine months ended September 30, 2018 , to \$9.7 billion from \$8.2 billion in the nine months ended September 30, 2017 . The increase was primarily due to increased costs of transportation, including fuel. Sourcing revenue decreased 17.1 percent to \$874.1 million in the nine months ended September 30, 2018 compared to \$1.1 billion in the nine months ended September 30, 2017 . Purchased products sourced for resale decreased 17.8 percent to \$787.5 million in the nine months ended September 30, 2018 compared to \$958.5 million in the nine months ended September 30, 2017 . Sourcing total revenues and purchased products for resale decreased by \$83.8 million as a result of our adoption of ASU 2014-09.

Net revenues. Total transportation net revenues increased 16.1 percent to \$1.9 billion in the nine months ended September 30, 2018 from \$1.6 billion in the nine months ended September 30, 2017 . Our transportation net revenue margin decreased to 16.4 percent in the nine months ended September 30, 2018 from 16.6 percent in the nine months ended September 30, 2017 , primarily due to the cost of transportation increasing at a higher rate than customer pricing, including fuel, in nearly all transportation services other than truckload. Sourcing net revenues decreased 9.1 percent to \$86.6 million in the nine months ended September 30, 2018 from \$95.3 million in the nine months ended September 30, 2017 . Our sourcing net revenue margin increased in the nine months ended September 30, 2018 to 9.9 percent from 9.0 percent in the nine months ended September 30, 2017 driven by the impact of our adoption of ASU 2014-09.

Operating expenses. Operating expenses increased 13.9 percent in the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 . Operating expenses as a percentage of net revenues decreased to 67.0 percent in the nine months ended September 30, 2018 , from 67.5 percent in the nine months ended September 30, 2017 .

Personnel expenses increased 15.7 percent to \$1.0 billion in the nine months ended September 30, 2018 , from \$867.9 million in the nine months ended September 30, 2017 driven by increased expenses related to variable compensation plans and a 4.1 percent increase in average headcount.

Other selling, general, and administrative expenses increased 8.8 percent to \$330.7 million in the nine months ended September 30, 2018 from \$304.0 million in the nine months ended September 30, 2017 . This increase was primarily driven by increased claims, occupancy expense, and purchased services.

Income from operations. Income from operations increased 16.4 percent to \$656.6 million in the nine months ended September 30, 2018 , from \$564.2 million in the nine months ended September 30, 2017 . Income from operations as a percentage of net revenues increased to 33.0 percent in the nine months ended September 30, 2018 , from 32.5 percent in the nine months ended September 30, 2017 .

Interest and other expense. Interest and other expense decreased to \$22.4 million in the nine months ended September 30, 2018 , from \$29.2 million in the nine months ended September 30, 2017 . The decrease was due primarily to a \$14.5 million favorable impact of currency revaluation, partially offset by increased interest expense on a higher average debt balance and higher interest rates during the nine months ended September 30, 2018 , compared to the same period ended September 30, 2017 .

Provision for income taxes. Our effective income tax rate was 24.7 percent for the nine months ended September 30, 2018 , and 34.2 percent for the nine months ended September 30, 2017 . The effective income tax rate for the nine months ended September 30, 2018 was higher than the statutory federal income tax rate due to state income taxes, net of federal benefit, and foreign income taxes, but was partially offset by the tax impact of share-based payment awards which resulted in a decrease in our provision for income taxes for the nine months ended September 30, 2018 and 2017 of \$9.3 million and \$11.9 million , respectively.

Net income. Net income increased 35.5 percent to \$477.4 million in the nine months ended September 30, 2018 , from \$352.3 million in the nine months ended September 30, 2017 . Basic net income per share increased 36.8 percent to \$3.42 in the

nine months ended September 30, 2018 from \$2.50 in the nine months ended September 30, 2017 . Diluted net income per share increased 36.1 percent to \$3.39 in the nine months ended September 30, 2018 from \$2.49 in the nine months ended September 30, 2017 .

SEGMENT RESULTS OF OPERATIONS

Nine Months Ended September 30, 2018 Compared to Nine Months Ended September 30, 2017

North American Surface Transportation. NAST revenues increased 19.2 percent to \$8.5 billion during the nine months ended September 30, 2018 from \$7.1 billion during the nine months ended September 30, 2017 . This increase was driven by pricing increases in all services. NAST cost of transportation and related services increased 19.3 percent to \$7.2 billion in the nine months ended September 30, 2018 from \$6.0 billion in the nine months ended September 30, 2017 . This was driven by increases in costs of transportation in all services. NAST net revenues increased 18.7 percent to \$1.3 billion in the nine months ended September 30, 2018 from \$1.1 billion in the nine months ended September 30, 2017 . This increase was driven primarily by an increase in truckload and LTL net revenues.

NAST truckload net revenues increased 19.4 percent to \$936.7 million during the nine months ended September 30, 2018 from \$784.3 million in the nine months ended September 30, 2017 . NAST truckload volumes decreased approximately four percent during the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 . NAST truckload net revenue margin increased slightly in the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 .

NAST truckload net revenues accounted for approximately 93 percent of our total North American truckload net revenues in the nine months ended September 30, 2018 and 2017 . The majority of the remaining North American truckload net revenues are included in Robinson Fresh. Excluding the estimated impacts of the increase in fuel costs, our average truckload rate per mile charged to our customers increased approximately 22 percent in the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 . Our truckload transportation costs increased 23 percent , excluding the estimated increase in fuel costs.

NAST LTL net revenues increased 17.4 percent to \$338.5 million in the nine months ended September 30, 2018 from \$288.3 million in the nine months ended September 30, 2017 . This increase was primarily due to an increase in customer pricing and a volume increase of approximately six percent during the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 , partially offset by a decrease in net revenue margin.

NAST intermodal net revenues increased 5.1 percent to \$23.2 million in the nine months ended September 30, 2018 from \$22.1 million in the nine months ended September 30, 2017 . Intermodal pricing and volumes increased in the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 .

NAST operating expenses increased 13.9 percent during the nine months ended September 30, 2018 to \$754.3 million compared to \$662.2 million during the nine months ended September 30, 2017 . This increase was driven by increases in personnel expenses and, to a lesser extent, other selling, general, and administrative expenses. The increase in personnel expense is related to an increase in expenses related to variable compensation plans. The increase in selling, general, and administrative expenses was driven by an increase in purchased services. The nine months ended September 30, 2017 included the collection of a previously resolved legal claim of \$8.75 million .

NAST income from operations increased 25.8 percent to \$562.8 million during the nine months ended September 30, 2018 from \$447.6 million in the nine months ended September 30, 2017 . This was primarily due to an increase in truckload and LTL net revenues.

Global Forwarding. Global Forwarding total revenues increased 16.8 percent to \$1.8 billion in the nine months ended September 30, 2018 compared to \$1.5 billion in the nine months ended September 30, 2017 . Global Forwarding costs of transportation and related services increased 18.2 percent to \$1.4 billion in the nine months ended September 30, 2018 from \$1.2 billion in the nine months ended September 30, 2017 . Global Forwarding net revenues increased 12.2 percent to \$401.2 million in the nine months ended September 30, 2018 compared to \$357.4 million in the nine months ended September 30, 2017 . The acquisition of Milgram accounted for approximately four percentage points of the net revenue growth in Global Forwarding during the nine months ended September 30, 2018 .

Global Forwarding ocean transportation net revenues increased 5.7 percent to \$230.2 million in the nine months ended September 30, 2018 from \$217.8 million in the nine months ended September 30, 2017 , with Milgram contributing approximately two points to the growth. Ocean transportation volumes increased approximately eight percent and customer pricing also increased during the nine months ended September 30, 2018 compared to the same period of 2017 .

Global Forwarding air transportation net revenues increased 20.5 percent to \$83.0 million in the nine months ended September 30, 2018 from \$68.9 million in the nine months ended September 30, 2017 , with Milgram contributing approximately two percentage points to the growth. Air transportation volumes increased approximately 11 percent and customer pricing also increased during the nine months ended September 30, 2018 compared to the same period of 2017 .

Global Forwarding customs net revenues increased 30.0 percent to \$64.8 million in the nine months ended September 30, 2018 from \$49.8 million in 2017 , with Milgram contributing approximately 18 percentage points to the growth. Customs transaction volumes increased approximately 35 percent during the nine months ended September 30, 2018 compared to the same period of 2017 .

Global Forwarding operating expenses increased 20.2 percent in the nine months ended September 30, 2018 to \$339.3 million from \$282.4 million in the nine months ended September 30, 2017 . This increase was due to increases in both personnel and selling, general, and administrative expenses. The personnel increase was driven by an increase in average headcount of 14.9 percent and increased variable compensation expense. The acquisition of Milgram added approximately 11 percentage points to the Global Forwarding average headcount.

Global Forwarding income from operations decreased 17.5 percent to \$61.8 million in the nine months ended September 30, 2018 from \$75.0 million in the nine months ended September 30, 2017 . This was primarily due to an increase in operating expenses partially offset by an increase in net revenues.

Robinson Fresh. Robinson Fresh total revenues decreased 4.6 percent to \$1.7 billion in the nine months ended September 30, 2018 compared to \$1.8 billion in the nine months ended September 30, 2017 . Robinson Fresh costs of transportation and related services and purchased products sourced for resale decreased 5.0 percent to \$1.57 billion in the nine months ended September 30, 2018 from \$1.65 billion in the nine months ended September 30, 2017 . Robinson Fresh net revenues decreased 1.3 percent to \$169.7 million in the nine months ended September 30, 2018 from \$171.9 million in the nine months ended September 30, 2017 . Sourcing total revenues and purchased products for resale decreased by \$83.8 million as a result of our adoption of ASU 2014-09.

Robinson Fresh net revenues from sourcing services decreased 9.1 percent to \$86.6 million in the nine months ended September 30, 2018 compared to \$95.3 million in the nine months ended September 30, 2017 . This was primarily the result of lower case volumes and lower net revenue per case.

Robinson Fresh net revenues from transportation services increased 8.5 percent to \$83.1 million in the nine months ended September 30, 2018 compared to \$76.6 million in the nine months ended September 30, 2017 , primarily due to increases in truckload net revenue. Robinson Fresh transportation net revenue margin decreased in the nine months ended September 30, 2018 compared to the nine months ended September 30, 2017 , due primarily to increased transportation costs, including fuel. Robinson Fresh truckload volumes decreased approximately 11 percent and LTL volumes increased approximately 20 percent in the nine months ended September 30, 2018 compared to the same period of 2017 .

Robinson Fresh operating expenses decreased 1.3 percent in the nine months ended September 30, 2018 to \$129.8 million from \$131.4 million in the nine months ended September 30, 2017 . This was primarily due to a decline in selling, general, and administrative expenses, partially offset by an increase in personnel expenses.

Robinson Fresh income from operations decreased 1.3 percent to \$40.0 million in the nine months ended September 30, 2018 from \$40.5 million in the nine months ended September 30, 2017 .

All Other and Corporate. All Other and Corporate includes our Managed Services segment, as well as Other Surface Transportation outside of North America and other miscellaneous revenues and unallocated corporate expenses. Managed Services provides Transportation Management Services, or Managed TMS. Other Surface Transportation revenues are primarily earned by Europe Surface Transportation. Europe Surface Transportation provides services similar to NAST across Europe.

Managed Services net revenues increased 8.6 percent in the nine months ended September 30, 2018 to \$58.5 million compared to \$53.8 million in the nine months ended September 30, 2017 . This increase was a result of volume growth from both new and existing customers. Other Surface Transportation increased 3.9 percent in the nine months ended September 30, 2018 to \$45.0 million compared to \$43.3 million in the nine months ended September 30, 2017 , primarily due to increases in customer pricing and volumes in Europe Surface Transportation.

LIQUIDITY AND CAPITAL RESOURCES

We have historically generated substantial cash from operations, which has enabled us to fund our organic growth while paying cash dividends and repurchasing stock. In addition, we maintain the following debt facilities as described in Note 4 (dollars in thousands):

Description	Carrying Value as of September 30, 2018	Borrowing Capacity	Maturity
Revolving credit facility ⁽¹⁾	\$ —	\$ 900,000	December 2019
Senior Notes, Series A	175,000	175,000	August 2023
Senior Notes, Series B	150,000	150,000	August 2028
Senior Notes, Series C	175,000	175,000	August 2033
Receivables securitization facility ⁽²⁾	249,898	250,000	April 2019
Senior Notes ⁽²⁾	591,405	600,000	April 2028
Total debt	\$ 1,341,303	\$ 2,250,000	

⁽¹⁾ There was no outstanding balance on the credit facility as of September 30, 2018. The average borrowing rate on the credit facility during the third quarter was 3.58 percent. The revolving credit facility was amended on October 24, 2018. The Amendment increases the amount of our revolving credit facility from \$900 million to \$1 billion and also extends the maturity date of the facility from December 31, 2019 to October 24, 2023.

⁽²⁾ Net of unamortized discounts and issuance costs.

We expect to use our current debt facilities and potentially other indebtedness incurred in the future to assist us in continuing to fund working capital, capital expenditures, possible acquisitions, dividends, and share repurchases.

Cash and cash equivalents totaled \$297.8 million as of September 30, 2018, and \$333.9 million as of December 31, 2017. Cash and cash equivalents held outside the United States totaled \$235.5 million as of September 30, 2018, and \$275.3 million as of December 31, 2017. If we repatriated all foreign earnings, the estimated effect on income taxes payable would be an increase of approximately \$14.5 million as of September 30, 2018. Working capital at September 30, 2018, was \$1.3 billion and at December 31, 2017, was \$523.5 million.

We prioritize our investments to grow the business, as we require some working capital and a relatively small amount of capital expenditures to grow. We are continually looking for acquisitions, but those acquisitions must fit our culture and enhance our growth opportunities.

Cash flow from operating activities. We generated \$528.9 million and \$218.3 million of cash flow from operations during the nine months ended September 30, 2018 and September 30, 2017, respectively, an increase of \$310.6 million compared to the nine months ended September 30, 2017 driven by increased earnings.

Cash used for investing activities. We used \$52.5 million and \$94.7 million of cash during the nine months ended September 30, 2018 and September 30, 2017 for investing activities.

We used \$49.6 million and \$46.4 million for capital expenditures during the nine months ended September 30, 2018 and September 30, 2017. During the nine months ended September 30, 2018, our capital expenditures consisted primarily of investments in facilities and information technology, which are intended to improve efficiencies and help grow the business. During the nine months ended September 30, 2017 we used \$46.7 million in connection with the acquisition of Milgram.

Cash used for financing activities. We used \$495.4 million and \$91.2 million of cash flow for financing activities during the nine months ended September 30, 2018 and September 30, 2017.

During the nine months ended September 30, 2018, we had net repayments on short-term borrowings of \$715.0 million. There was no balance outstanding on the revolving credit facility as of September 30, 2018.

During the nine months ended September 30, 2018, we had long-term borrowings of \$591.0 million, net of underwriting discounts and issuance costs on the Senior Notes.

We used \$195.2 million and \$192.8 million to pay cash dividends during the nine months ended September 30, 2018 and September 30, 2017 . The increase was primarily due to a \$0.01 dividend rate increase in 2018 compared to 2017 , partially offset by a decrease in weighted average shares outstanding during the nine months ended September 30, 2018 , compared to the nine months ended September 30, 2017 .

We used \$202.1 million and \$130.0 million on share repurchases during the nine months ended September 30, 2018 and September 30, 2017 , see Item 2, Part II of this Quarterly Report on Form 10-Q. The change was due to an increase in the average price of the repurchased shares and an increase in the number of shares repurchased during the nine months ended September 30, 2018 , compared to the same period of 2017 . In May 2018, the Board of Directors increased the number of shares authorized for repurchase by 15,000,000 shares. As of September 30, 2018 , there were 14,760,265 shares remaining for future repurchases under the repurchase authorization. The number of shares we repurchase, if any, during future periods will vary based on our cash position, other potential uses of our cash, and market conditions.

We used \$20.6 million and \$20.7 million to acquire shares from employees through their withholding taxes resulting from the delivery of restricted equity during the nine months ended September 30, 2018 and September 30, 2017 .

Assuming no change in our current business plan, management believes that our available cash, together with expected future cash generated from operations, the amount available under our credit facilities, and credit available in the market will be sufficient to satisfy our anticipated needs for working capital, capital expenditures, and cash dividends for at least the next 12 months. We also believe we could obtain funds under lines of credit or other forms of indebtedness on short notice, if needed.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Our condensed consolidated financial statements include accounts of the company and all majority-owned subsidiaries. The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions. In certain circumstances, those estimates and assumptions can affect amounts reported in the accompanying condensed consolidated financial statements and related footnotes. In preparing our financial statements, we have made our best estimates and judgments of certain amounts included in the financial statements, giving due consideration to materiality. We do not believe there is a great likelihood that materially different amounts would be reported related to the accounting policies described below. However, application of these accounting policies involves the exercise of judgment and use of assumptions as to future uncertainties and, as a result, actual results could differ from these estimates. Note 1 of the Notes to Consolidated Financial Statements in our Annual Report on Form 10-K for the year ended December 31, 2017 , includes a summary of the significant accounting policies and methods used in the preparation of our consolidated financial statements. We have updated these policies as applicable for the adoption of ASU 2014-09 in the first quarter of 2018. The following is a discussion of our critical accounting policies and estimates.

REVENUE RECOGNITION. At contract inception, we assess the goods and services promised in our contracts with customers and identify our performance obligations to provide distinct goods and services to our customers. We have determined that the following distinct goods and services represent our primary performance obligations.

Transportation and Logistics Services - As a third party logistics provider, our primary performance obligation under our customer contracts is to utilize our relationships with a wide variety of transportation companies to efficiently and cost-effectively transport our customer's freight. Revenue is recognized for these performance obligations as they are satisfied over the contract term, which generally represents the transit period. The transit period can vary based upon the method of transport, generally a couple days for over-the-road, rail and air transportation, or several weeks in the case of an ocean shipment. When the customer's freight reaches its intended destination our performance obligation is complete. Pricing for our services is generally a fixed amount and is typically due within 30 days upon completion of our performance obligation.

We also provide certain value-added logistics services, such as customs brokerage, fee-based managed services, warehousing services, small parcel, and supply chain consulting and optimization services. These services may include one or more performance obligations which are generally satisfied over the service period as we perform our obligations. The service period may be a very short duration, in the case of customs brokerage, or it may be longer in the case of managed services and supply chain consulting and optimization services. Pricing for our services is established in the customer contract and is dependent upon the specific needs of the customer but may be agreed upon at a fixed fee per transaction, labor hour, or service period. Payment is typically due within 30 days upon completion of our performance obligation.

Sourcing services - We contract with grocery retailers, restaurants, foodservice distributors, and produce wholesalers to provide sourcing services under the trade name Robinson Fresh. Our primary service obligation under these contracts is the buying, selling, and/or marketing of produce including fresh fruits, vegetables, and other value-added perishable items. Revenue is recognized when our performance obligations under these contracts is satisfied at a point in time, generally when the produce is received by our customer. Pricing under these contracts is generally a fixed amount and is typically due within 30 days upon completion of our performance obligation.

In many cases, as additional performance obligations, we contract to arrange logistics and transportation of the produce we buy, sell, and/or market. These performance obligations are satisfied over the contract term consistent with our other transportation and logistics services. Pricing for our services is generally a fixed amount and is typically due within 30 days upon completion of our performance obligation.

Total revenues represent the total dollar value of revenue recognized from contracts with customers for the goods and services we provide. Substantially all of our revenue is attributable to contracts with our customers. Our net revenues are our total revenues less purchased transportation and related services, including contracted motor carrier, rail, ocean, air, and other costs, and the purchase price and services related to the products we source. Most transactions in our transportation and sourcing businesses are recorded at the gross amount we charge our customers for the service we provide and goods we sell. In these transactions, we are primarily responsible for fulfilling the promise to provide the specified good or service to our customer and we have discretion in establishing the price for the specified good or service. Additionally, in our sourcing business, in some cases we take inventory risk before the specified good has been transferred to our customer. Customs brokerage, managed services, freight forwarding, and sourcing managed procurement transactions are recorded at the net amount we charge our customers for the service we provide because many of the factors stated above are not present.

VALUATIONS FOR ACCOUNTS RECEIVABLE. Our allowance for doubtful accounts is calculated based upon the aging of our receivables, our historical experience of uncollectible accounts, and any specific customer collection issues that we have identified. The allowance was \$40.9 million as of September 30, 2018 and \$42.4 million as of December 31, 2017. We believe that the recorded allowance is sufficient and appropriate based on our customer aging trends, the exposures we have identified, and our historical loss experience.

GOODWILL. Goodwill represents the excess of the cost of acquired businesses over the net of the fair value of identifiable tangible net assets and identifiable intangible assets purchased and liabilities assumed.

Goodwill is tested for impairment annually on November 30, or more frequently if events or changes in circumstances indicate that the asset might be impaired. We first perform a qualitative assessment to determine whether it is more likely than not that the fair value of our reporting units is less than their respective carrying value (“Step Zero Analysis”). If the Step Zero Analysis indicates it is more likely than not that the fair value of our reporting units is less than their respective carrying value, an additional impairment assessment is performed (“Step One Analysis”).

When we perform a Step One Analysis, the fair value of each reporting unit is compared with the carrying amount of the reporting unit, including goodwill. If the carrying amount of a reporting unit exceeds its fair value, an impairment loss is recognized in an amount equal to that excess, limited to the total amount of goodwill allocated to that reporting unit.

In the Step One Analysis, the fair value of each reporting unit is determined using a discounted cash flow analysis and market approach. Projecting discounted future cash flows requires us to make significant estimates regarding future revenues and expenses, projected capital expenditures, changes in working capital, and the appropriate discount rate. Use of the market approach consists of comparisons to comparable publicly-traded companies that are similar in size and industry. Actual results may differ from those used in our valuations when a Step One Analysis is performed.

STOCK-BASED COMPENSATION. The fair value of each share-based payment award is established on the date of grant. For grants of restricted shares and restricted units, the fair value is established based on the market price on the date of the grant, discounted for post-vesting holding restrictions. The discounts on outstanding grants vary from 15 percent to 21 percent and are calculated using the Black-Scholes option pricing model. Changes in the measured stock price volatility and interest rates are the primary reason for changes in the discount. For grants of options, we use the Black-Scholes option pricing model to estimate the fair value of share-based payment awards. The determination of the fair value of share-based awards is affected by our stock price and a number of assumptions, including expected volatility, expected life, risk-free interest rate, and expected dividends.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

We had \$297.8 million of cash and cash equivalents on September 30, 2018 . Substantially all of the cash equivalents are in demand accounts with financial institutions. The primary market risks associated with these investments are liquidity risks.

We are a party to a credit agreement with various lenders consisting of a \$900 million revolving loan facility. Interest accrues on the revolving loan at variable rates based on LIBOR or "prime" plus the applicable add-on percentage as defined therein. At September 30, 2018 , no amounts were outstanding on the revolving loan.

We are a party to the Note Purchase Agreement, as amended, with various institutional investors with fixed rates consisting of: (i) \$175,000,000 of the company's 3.97 percent Senior Notes, Series A, due August 27, 2023, (ii) \$150,000,000 of the company's 4.26 percent Senior Notes, Series B, due August 27, 2028, and (iii) \$175,000,000 of the company's 4.60 percent Senior Notes, Series C, due August 27, 2033. At September 30, 2018 , there was \$500 million outstanding on the notes.

We are a party to a Receivables Securitization Facility with various lenders and provides funding of up to \$250 million. Interest accrues on the facility at variable rates based on the asset-backed commercial paper rate or the 30 day LIBOR plus the applicable add-on percentage as defined therein. At September 30, 2018 , there was \$250 million outstanding on the securitization facility.

We issued Senior Notes, through a public offering on April 9, 2018. The Senior Notes bear an annual interest rate of 4.20 percent payable semi-annually on April 15 and October 15, until maturity on April 15, 2028. Taking into effect the amortization of the original issue discount and all underwriting and issuance expenses, the Senior Notes have an effective yield to maturity of approximately 4.39 percent per annum. The fair value of the Senior Notes, excluding debt discounts and issuance costs, approximated \$593.5 million as of September 30, 2018 , based primarily on the market prices quoted from external sources. The carrying value of the Senior Notes was \$591.4 million at September 30, 2018 .

A hypothetical 100-basis-point change in the interest rate would not have a material effect on our earnings. We do not use derivative financial instruments to manage interest rate risk or to speculate on future changes in interest rates. A rise in interest rates could negatively affect the fair value of our investments. Market risk arising from changes in foreign currency exchange rates are not material due to the size of our international operations.

Foreign Exchange Risk

We operate through a network of offices in North America, Europe, Asia, Australia, New Zealand, and South America. As a result, we frequently transact using currencies other than the U.S. dollar, primarily the Chinese Yuan, Euro, Canadian dollar, and Mexican Peso. This often results in assets and liabilities, including intercompany balances, denominated in a currency other than the local functional currency. In these instances most commonly we have balances denominated in U.S. dollars in regions where the U.S. dollar is not the functional currency. This results in foreign exchange risk.

Foreign exchange risk can be quantified by performing a sensitivity analysis assuming a hypothetical change in the value of the U.S. dollar compared to other currencies in which we transact. All other things being equal, a hypothetical 10 percent weakening of the U.S. dollar during three months ended September 30, 2018 , would have a decrease to operating income of approximately \$27 million and a hypothetical 10 percent strengthening of the U.S. dollar during the three months ended September 30, 2018 , would have an increase to operating income of approximately \$22 million . Our use of derivative financial instruments to manage foreign exchange risk is insignificant.

ITEM 4. CONTROLS AND PROCEDURES

(a) Evaluation of disclosure controls and procedures.

Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) under the Securities Exchange Act of 1934 (the "Exchange Act"). Based upon that evaluation, the Chief Executive Officer and Chief Financial Officer concluded that, as of the end of the period covered by this report, our disclosure controls and procedures were effective.

(b) Changes in internal controls over financial reporting.

There were no changes that occurred during the most recent fiscal quarter that have materially affected, or are reasonably likely to materially affect the company's internal control over financial reporting.

PART II-OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

We are not subject to any pending or threatened litigation other than routine litigation arising in the ordinary course of our business operations. For some legal proceedings, we have accrued an amount that reflects the aggregate liability deemed probable and estimable, but this amount is not material to our consolidated financial position, results of operations, or cash flows. Because of the preliminary nature of many of these proceedings, the difficulty in ascertaining the applicable facts relating to many of these proceedings, the inconsistent treatment of claims made in many of these proceedings, and the difficulty of predicting the settlement value of many of these proceedings, we are often unable to estimate an amount or range of any reasonably possible additional losses. However, based upon our historical experience, the resolution of these proceedings is not expected to have a material effect on our consolidated financial position, results of operations, or cash flows.

ITEM 1A. RISK FACTORS

In addition to the other information set forth in this report, you should carefully consider the factors discussed in Part I, "Item 1A. Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2017, which could materially affect our business, financial condition, or future results. The risks described in our Annual Report on Form 10-K are not the only risks facing our company. Additional risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially adversely affect our business, financial condition, and/or operating results.

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

The following table provides information about purchases by the company during the quarter ended September 30, 2018, of shares of the company's common stock.

	Total Number of Shares (or Units) Purchased ^(a)	Average Price Paid Per Share (or Unit)	Total Number of Shares (or Units) Purchased as Part of Publicly Announced Plans or Programs ^(b)	Maximum Number of Shares (or Units) That May Yet Be Purchased Under the Plans or Programs ^(b)
July 1, 2018-July 31, 2018	237,720	\$ 87.68	227,685	15,423,518
August 1, 2018-August 31, 2018	246,143	96.64	244,711	15,178,807
September 1, 2018-September 30, 2018	426,041	97.59	418,542	14,760,265
Third quarter 2018	909,904	\$ 94.74	890,938	14,760,265

(a) The total number of shares purchased includes: (i) 890,938 shares of common stock purchased under the authorization described below; and (ii) 18,966 shares of common stock surrendered to satisfy minimum statutory tax obligations under our stock incentive plans.

(b) In May 2018, the Board of Directors increased the number of shares authorized for repurchase by 15,000,000 shares. As of September 30, 2018, there were 14,760,265 shares remaining for future repurchases. Purchases can be made in the open market or in privately negotiated transactions, including Rule 10b5-1 plans and accelerated repurchase programs.

ITEM 3. DEFAULTS ON SENIOR SECURITIES

None.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

ITEM 5. OTHER INFORMATION

None.

ITEM 6. EXHIBITS

Exhibits filed with, or incorporated by reference into, this report:

- | | |
|------|--|
| 31.1 | Certification of the Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
| 31.2 | Certification of the Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002 |
| 32.1 | Certification of the Chief Executive Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| 32.2 | Certification of the Chief Financial Officer pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 |
| 101 | Financial statements from the Quarterly Report on Form 10-Q of the company for the period ended September 30, 2018 formatted in XBRL |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized on November 7, 2018.

C.H. ROBINSON WORLDWIDE, INC.

By: /s/ John P. Wiehoff
John P. Wiehoff
Chief Executive Officer

By: /s/ Andrew C. Clarke
Andrew C. Clarke
Chief Financial Officer (principal accounting officer)

Certification of Chief Executive Officer
Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

I, John P. Wiehoff, certify that:

1. I have reviewed this quarterly report on Form 10-Q of C.H. Robinson Worldwide, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

November 7, 2018

Signature:	<u>/s/ John P. Wiehoff</u>
Name:	John P. Wiehoff
Title:	Chief Executive Officer

**Certification of Chief Financial Officer
Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, Andrew C. Clarke certify that:

1. I have reviewed this quarterly report on Form 10-Q of C.H. Robinson Worldwide, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

November 7, 2018

Signature:	<u>/s/ Andrew C. Clarke</u>
Name:	Andrew C. Clarke
Title:	Chief Financial Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. §1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of C.H. Robinson Worldwide, Inc. (the “Company”) on Form 10-Q for the period ended September 30, 2018 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, John P. Wiehoff, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

November 7, 2018

/s/ John P. Wiehoff

John P. Wiehoff
Chief Executive Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. §1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the Quarterly Report of C.H. Robinson Worldwide, Inc. (the “Company”) on Form 10-Q for the period ended September 30, 2018 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Andrew C. Clarke, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. §1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that:

1. The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
2. The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

November 7, 2018

/s/ Andrew C. Clarke

Andrew C. Clarke
Chief Financial Officer