RR Donnelley & Sons Co Form 10-Q August 02, 2018

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 June 30, 2018

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 Commission File Number 1-4694

R.R. DONNELLEY & SONS COMPANY

(Exact name of registrant as specified in its charter)

Delaware36-1004130(State or other jurisdiction of(I.R.S. Employer)

incorporation or organization) Identification No.)

35 West Wacker Drive,

Chicago, Illinois60601(Address of principal executive offices)(Zip code)

(312) 326-8000

(Registrant's telephone number, including area code)

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Sections 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 and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted 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 and post such files).

Yes No

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

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

Emerging growth company

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

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

Yes No

As of July 30, 2018, 70.4 million shares of common stock were outstanding.

R.R. DONNELLEY & SONS COMPANY

QUARTERLY REPORT ON FORM 10-Q

FOR THE QUARTERLY PERIOD ENDED JUNE 30, 2018

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PART I. FINANCIAL INFORMATION

Item 1. Condensed Consolidated Financial Statements

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

CONDENSED CONSOLIDATED BALANCE SHEETS

(in millions, except per share data)

(UNAUDITED)

ASSETS	June 30, 2018	December 31, 2017
Cash and cash equivalents	\$257.0	\$273.4
Receivables, less allowances for doubtful accounts of \$32.7 in 2018 (2017 - \$32.4)	1,303.4	1,417.6
Inventories (Note 3)	324.4	416.8
Prepaid expenses and other current assets	201.0	109.1
Total current assets	2,085.8	2,216.9
Property, plant and equipment-net (Note 4)	559.2	615.1
Goodwill (Note 5)	554.2	588.5
Other intangible assets-net (Note 5)	127.2	143.3
Deferred income taxes	70.0	81.7
Other noncurrent assets	257.4	259.0
Total assets	\$3,653.8	\$3,904.5
LIABILITIES		
Accounts payable	\$812.3	\$1,094.7
Accrued liabilities and other	378.7	447.5
Short-term and current portion of long-term debt (Note 14)	221.3	10.8
Total current liabilities	1,412.3	1,553.0
Long-term debt (Note 14)	2,034.1	2,098.9
Pension liabilities	87.6	102.7
Other postretirement benefits plan liabilities	105.2	113.2
Long-term income tax liability	54.3	59.4
Other noncurrent liabilities	207.8	180.2
Total liabilities	3,901.3	4,107.4
Commitments and Contingencies (Note 13)		
EQUITY (Note 9)		
RRD stockholders' equity		
Preferred stock, \$1.00 par value		
Authorized: 2.0 shares; Issued: None	_	
Common stock, \$0.01 par value		
Authorized: 165.0 shares;		
Issued: 89.0 shares in 2018 and 2017	0.9	0.9
Additional paid-in-capital	3,411.0	3,444.0

Accumulated deficit	(2,255.0) (2,225.7)
Accumulated other comprehensive loss	(122.0) (103.7)
Treasury stock, at cost, 18.6 shares in 2018 (2017 - 18.9 shares)	(1,296.7) (1,333.1)
Total RRD stockholders' equity	(261.8) (217.6)
Noncontrolling interests	14.3 14.7
Total equity	(247.5) (202.9)
Total liabilities and equity	\$3,653.8 \$3,904.5

See Notes to Condensed Consolidated Financial Statements

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS

(in millions, except per share data)

(UNAUDITED)

	Three Mo Ended June 30,		Six Month June 30,	
	2018	2017	2018	2017
Products net sales	\$1,265.2	\$1,237.4		
Services net sales	414.3	382.6	835.5	770.0
Total net sales	1,679.5	1,620.0	3,387.3	3,278.9
Products cost of sales (exclusive of depreciation and amortization)	1,039.0	995.6	2,090.9	2,003.4
Services cost of sales (exclusive of depreciation and amortization)	349.9	322.4	711.1	646.7
Total cost of sales	1,388.9	1,318.0	2,802.0	2,650.1
	226.2	041.0	460.0	505 F
Products gross profit	226.2	241.8	460.9	505.5
Services gross profit	64.4	60.2	124.4	123.3
Total gross profit	290.6	302.0	585.3	628.8
Selling, general and administrative expenses (exclusive of depreciation and amortization)	208.0	216.3	422.6	442.1
Restructuring and other-net (Note 6)	11.0	3.8	11.8	12.9
Depreciation and amortization	46.1	47.5	93.3	96.1
Other operating income		—	(0.1)) —
Income from operations	25.5	34.4	57.7	77.7
Interest expense-net	42.0	45.5	83.7	93.8
Investment and other income-net	(3.6)			
Loss on debt extinguishment	(510)	13.6	0.1	13.6
(Loss) income before income taxes	(12.9)		(16.9)	
Income tax (benefit) expense	(0.3)) 5.0	(3.9)
Net (loss) income	(12.6)		(21.9	
Less: Income attributable to noncontrolling interests	0.4	0.2	0.7	0.5
Net (loss) income attributable to RRD common stockholders	\$(13.0)	\$76.5	\$(22.6)	\$26.4
Net (loss) income per share attributable to RRD common stockholders (Note 10):				
Basic net (loss) income per share	\$(0.18)	\$1.09	\$(0.32)	\$0.38
Diluted net (loss) income per share	\$(0.18)		\$(0.32)	
			, ()	
Dividends declared per common share	\$0.14	\$0.14	\$0.28	\$0.28
Weighted average number of common shares outstanding:	7 0 (7 0.1		
Basic	70.6	70.1	70.5	70.1
Diluted	70.6	70.2	70.5	70.3

See Notes to Condensed Consolidated Financial Statements

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R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE (LOSS) INCOME

(in millions)

(UNAUDITED)

	Three M Ended June 30, 2018		Six Mor Ended June 30, 2018	
Net (loss) income	\$(12.6)	\$76.7	\$(21.9)	\$26.9
Other comprehensive loss, net of tax (Note 11):				
Translation adjustments	(41.6)	20.1	(22.7)	29.1
Adjustment for net periodic pension and postretirement benefits plan cost	1.7	0.7	4.3	1.4
Adjustment for available-for-sale securities		(85.2)		(117.5)
Other comprehensive loss	(39.9)	(64.4)	(18.4)	(87.0)
Comprehensive (loss) income	(52.5)	12.3	(40.3)	(60.1)
Less: comprehensive (loss) income attributable to noncontrolling interests	(0.2)	0.3	0.6	0.8
Comprehensive (loss) income attributable to RRD common stockholders	\$(52.3)	\$12.0	\$(40.9)	\$(60.9)

See Notes to Condensed Consolidated Financial Statements

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS

(in millions)

(UNAUDITED)

	Six Month Ended June 30, 2018	hs 2017
OPERATING ACTIVITIES		
Net (loss) income	\$(21.9)	\$26.9
Adjustments to reconcile net (loss) income to net cash used in operating activities:		
Depreciation and amortization	93.3	96.1
Provision for doubtful accounts receivable	9.0	1.4
Share-based compensation	4.2	4.3
Deferred income taxes	6.0	(5.3)
Changes in uncertain tax positions	0.3	0.4
Loss on debt extinguishments	0.1	13.6
Net pension and other postretirement benefits plan income	(6.3)	(7.3)
Realized gain on disposition of available-for-sale securities-net		(40.8)
Other	2.7	7.2
Changes in operating assets and liabilities:		
Accounts receivable-net	56.8	81.2
Inventories	23.2	(10.1)
Prepaid expenses and other current assets	(9.2)	(6.9)
Accounts payable	(236.7)	(120.5)
Income taxes payable and receivable	(12.6)	(3.4)
Accrued liabilities and other	(26.7)	(68.7)
Pension and other postretirement benefits plan contributions	(10.2)	(9.0)
Net cash used in operating activities	(128.0)	(40.9)
INVESTING ACTIVITIES		
Capital expenditures	(48.0)	(54.2)
Proceeds from sales of investments and other assets	48.1	126.7
Payments related to company-owned life insurance	(3.5)	(9.0)
Proceeds from disposal of business	0.3	
Net cash (used in) provided by investing activities	(3.1)	63.5
FINANCING ACTIVITIES		
Net proceeds from other short-term debt	41.6	12.3
Payments of current maturities and long-term debt	(0.2)	(200.4)
Proceeds from credit facility borrowings	725.1	820.0
Payments on credit facility borrowings	(619.1)	(655.0)
Dividends paid	(19.6)	(19.6)
Transfer of cash and cash equivalents to LSC and Donnelley Financial		(78.0)
Payments of withholding taxes on share-based compensation	(0.7)	(1.9)

Other financing activities	(0.8)) (1.6)
Net cash provided by (used in) financing activities	126.3	(124.2)
Effect of exchange rate on cash, cash equivalents and restricted cash	(10.2)) 7.9
Net decrease in cash, cash equivalents and restricted cash, including cash classified within current		
assets held for sale (Note 16)	(15.0)) (93.7)
Less: Transfer of cash and cash equivalents to current assets held for sale	5.2	—
Net decrease in cash, cash equivalents and restricted cash	(20.2)) (93.7)
Cash, cash equivalents and restricted cash at beginning of year	301.5	335.9
Cash, cash equivalents and restricted cash at end of period	\$281.3	\$242.2
SUPPLEMENTAL NON-CASH DISCLOSURE:		
Debt-for-equity exchange	\$—	\$130.5

See Notes to Condensed Consolidated Financial Statements

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

1. Basis of Presentation

The accompanying unaudited condensed consolidated interim financial statements include the accounts of R.R. Donnelley & Sons Company and its subsidiaries ("RRD," the "Company," "we," "us," and "our") and have been prepared in accordance with accounting principles generally accepted in the United States of America ("GAAP") for interim financial information and in accordance with the rules and regulations of the United States Securities and Exchange Commission (the "SEC"). Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. These unaudited condensed consolidated interim financial statements reflect all normal and recurring adjustments that are, in the opinion of management, necessary for a fair presentation of the results for the interim periods and should be read in conjunction with the consolidated financial statements and the related notes thereto included in our latest Annual Report on Form 10-K for the year ended December 31, 2017 filed with the SEC on February 28, 2018. Operating results for the six months ended June 30, 2018 are not necessarily indicative of the results that may be expected for the fiscal year ending December 31, 2018. All significant intercompany transactions have been eliminated in consolidation. These unaudited condensed consolidated interim financial statements include estimates and assumptions of management that affect the amounts reported in the condensed consolidated financial statements include estimates. Actual results could differ from these estimates.

Spinoff Transactions

On October 1, 2016, we completed the separation of our financial communications and data services business ("Donnelley Financial Solutions, Inc." or "Donnelley Financial") and our publishing and retail-centric print services and office products business ("LSC Communications, Inc." or "LSC") into two separate publicly-traded companies (the "Separation"). We completed the tax-free distribution of approximately 26.2 million shares, or 80.75%, of the outstanding common stock of each of Donnelley Financial and LSC, to RRD stockholders (the "Distribution"). The Distribution was made to RRD stockholders of record as of the close of business on September 23, 2016, who received one share of Donnelley Financial common stock and one share of LSC common stock for every eight shares of RRD common stock held as of the record date. Immediately following the Distribution, we held approximately 6.2 million shares of Donnelley Financial common stock and approximately 6.2 million shares of LSC common stock.

In March 2017, we sold all of the approximately 6.2 million shares of LSC common stock retained by us and used the proceeds to repay a portion of the outstanding borrowings under our then-existing credit facility. In June 2017 and August 2017, we exchanged all of the approximately 6.2 million shares of Donnelley Financial common stock for certain of our outstanding senior indebtedness, which obligations were subsequently cancelled and discharged upon delivery to us.

Revision of Net Sales and Cost of Sales

During the third quarter of 2017, we identified an error in the accounting for certain contracts with an inventory buy-back option in the Business Services segment. As a result, the error, which was determined by us to be immaterial to the previously issued financial statements, has been corrected herein from the amounts previously reported. There was no impact to net income (loss), net income (loss) per share, or the Condensed Consolidated Statements of Comprehensive Income (Loss). The impact of the revision was to reduce previously reported net sales and cost of sales by \$26.0 million and \$43.4 million for the three and six months ended June 30, 2017, respectively.

The following table presents the impact of the related balance sheet revision on the June 30, 2017 Condensed Consolidated Balance Sheet:

	As		As	
	Reported	Adjustments	Revised	
Receivables, less allowance for doubtful accounts	\$1,301.5	\$ (34.5) \$1,267.0	
Inventories	392.4	9.3	401.7	
Accounts payable	911.6	(25.2) 886.4	

The June 30, 2017 Consolidated Statement of Cash Flows has also been revised to reflect the impact of the above balance sheet revision.

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

Cash, Cash Equivalents and Restricted Cash

The following table provides a reconciliation of cash, cash equivalents and restricted cash at June 30, 2018 and December 31, 2017 reported within the Condensed Consolidated Balance Sheets that sum to the total of the same such amounts shown in the Condensed Consolidated Statement of Cash Flows.

	June 30, December 3	
	2018	2017
Cash and cash equivalents	\$257.0	\$ 273.4
Restricted cash - current ^(a)	24.2	28.0
Restricted cash - noncurrent (b)	0.1	0.1
Total cash, cash equivalents and restricted cash	\$281.3	\$ 301.5

(a)Included within prepaid expenses and other current assets within the Condensed Consolidated Balance Sheets (b)Included within other noncurrent assets within the Condensed Consolidated Balance Sheets Income Taxes

The effective income tax rate was 2.3% and (5.6%) for the three months ended June 30, 2018 and 2017, respectively and (29.6%) and (17.0%) for the six months ended June 30, 2018 and 2017, respectively. The effective income tax rate for the three and six months ended June 30, 2018 is primarily driven by the inability to recognize a tax benefit on certain losses. The effective income tax rate for the three and six months ended June 30, 2018 and six months ended June 30, 2017 reflects the impact of the \$92.4 million non-taxable gain on the sale of Donnelley Financial retained shares and the \$51.6 million realized loss on the sale of LSC retained shares. The sale of the LSC shares generated a capital loss which will be carried forward; however, it was determined at the time of the sale that the benefit of such deferred tax asset will not be fully realized and a valuation allowance was recorded.

Cash payments for income taxes were \$23.5 million and \$23.9 million for the six months ended June 30, 2018 and 2017, respectively. Cash refunds for income taxes were \$12.2 million and \$19.5 million for the six months ended June 30, 2018 and 2017, respectively.

On December 22, 2017, the SEC issued Staff Accounting Bulletin 118 (SAB 118) which provides guidance for companies analyzing their accounting for the income tax effects of the Tax Act. SAB 118 provides that a company may report provisional amounts based on reasonable estimates. The provisional estimates are then subject to adjustment during a measurement period up to one year and should be accounted for as a prospective change. At December 31, 2017, we were able to make reasonable provisional estimates of the one-time transition tax and impact to deferred taxes; however, we continue to analyze our data and refine our estimated amounts accordingly, and continue to interpret any guidance or subsequent clarification of the tax law. As a result, we may make adjustments to the provisional amounts recorded, throughout the year, in accordance with the guidance outlined in SAB 118. During the first quarter of 2018, we made an adjustment of \$2.3 million to increase the provisional amounts recorded at December 31, 2017. We have not made any additional adjustments related to the provisional amounts.

Deferred U.S. income taxes and foreign taxes have historically not been provided on the excess of the investment value for financial reporting over the tax basis of investments in those foreign subsidiaries for which such excess is considered to be permanently reinvested in those operations. We continue to analyze the global working capital and cash requirements and the potential tax liabilities attributable to repatriation, but we have yet to determine whether to change the prior assertion and repatriate earnings. We will record the tax effects of any change in the prior assertion in the period the analysis is complete and reasonable estimates are made.

2. Revenue Recognition

On January 1, 2018, we adopted ASC Topic 606, "Revenue from Contracts with Customers" using the modified retrospective method applied to those contracts which were not completed as of January 1, 2018. Results for reporting periods beginning after January 1, 2018 are presented under Topic 606, while prior period amounts are not adjusted and continue to be reported in accordance with our historical accounting under Topic 605. All revenue recognized in the Condensed Statements of Operations is considered to be revenue from contracts with customers.

We recorded a net increase to opening retained earnings of \$12.9 million as of January 1, 2018 due to the cumulative impact of adopting Topic 606, with the impact primarily related to the timing of revenue recognition for certain inventory that has been billed but not yet shipped.

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

Disaggregation of Revenue

The following table presents net sales disaggregated by products and services:

	Three Months			
	Ended		Six Months Ended	
	June 30,	2017	June 30,	2017
Due la sta	2018	2017	2018	2017
Products				
Commercial print	\$462.7	\$486.2	\$924.9	\$985.4
Packaging	152.9	117.9	294.3	226.6
Statements	143.1	140.0	302.9	297.7
Direct mail	133.3	120.1	281.4	252.5
Labels	119.2	112.1	236.7	225.2
Digital print and fulfillment	108.3	115.5	219.1	227.5
Supply chain management	80.9	73.8	160.7	149.3
Forms	64.8	71.8	131.8	144.7
Total products net sales	\$1,265.2	\$1,237.4	\$2,551.8	\$2,508.9
Services				
Logistics	\$324.0	\$294.1	\$651.2	\$590.2
Business process outsourcing	61.4	52.8	122.6	106.0
Digital and creative solutions	27.7	34.2	59.0	70.5
Direct mail	1.2	1.5	2.7	3.3
Total services net sales	\$414.3	\$382.6	\$835.5	\$770.0
Total net sales	\$1,679.5	\$1,620.0	\$3,387.3	\$3,278.9

Products

Our products revenue is primarily recognized at a point in time. We generally recognize revenue for products upon the transfer of control of the products to the client which typically occurs upon transfer of title and risk of ownership, which is generally upon shipment to the client. For certain products, we are able to recognize revenue for completed inventory billed but not yet shipped at the client's direction.

The following is a description of our products:

Commercial Print

We generate revenue by providing various commercial printing products and offer a full range of branded materials including manuals, publications, brochures, business cards, flyers, post cards, posters and promotional items.

Packaging

We generate revenue by providing packaging print for clients in consumer electronics, life sciences, cosmetics and consumer packaged goods industries.

Statements

We generate revenue by creating critical business communications, including customer billings, financial statements, healthcare communications and insurance documents. Our capabilities include design and composition, variable imaging, email, archival and digital mail interaction, as well as our innovative RRDigital solution set.

Direct Mail

We generate revenue by providing print production, including touch mailings, and postal optimization strategies.

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

Labels

We generate revenue by producing custom labels for clients across multiple industries including warehouse and distribution, retail, pharmaceutical, manufacturing and consumer packaging. We offer distribution and shipping labels, healthcare and durable goods labels, promotional labels and consumer product goods packaging labels.

Digital Print and Fulfillment

We generate revenue by providing various in-store marketing materials, using our digital and offset printing capabilities, including in-store signage and point-of-purchase displays. We also create photobooks.

Supply Chain Management

We generate revenue by providing workflow design to assembly, configuration, kitting and fulfillment for clients in consumer electronics, telecommunications, life sciences, cosmetics, education and industrial industries.

Forms

We generate revenue by producing a variety of forms including invoices, order forms and business forms that support both the private and public sectors for clients in financial, government, retail, healthcare and business services industries.

Services

Our services revenue is recognized both at a point in time as well as over time. Our logistics revenue is primarily recognized over time as the performance obligation is completed. Due to the short transit period of logistics performance obligations, the timing of revenue recognition does not require significant judgment. Our business process outsourcing and digital and creative solutions revenue is recognized over time or at a point in time, depending on the nature of the service which could be either recurring or project-based.

Logistics

We generate revenue by providing specialized transportation and distribution services. These services are comprised of freight services, including truckload, less-than-truckload, intermodal and international freight forwarding; international mail and parcel distribution; print logistics services, including distribution of retail and newsstand printed materials; and courier services including same day and next day delivery. See Note 16, Subsequent Event, for discussion on the sale of the print logistics business subsequent to June 30, 2018.

Business Process Outsourcing

We generate revenue by providing outsourcing services including creative services, research and analytics, financial management and other services for legal providers, insurance, telecommunications, utilities, retail and financial services companies.

Digital and Creative Solutions

We generate revenue by creating and managing content designed to speak directly to customers, including print and digital advertising, direct marketing and direct mail design, packaging design, marketing and sales collateral and in-store marketing.

Variable Consideration

Certain clients may receive volume-based rebates or early payment discounts, which are accounted for as variable consideration. We estimate these amounts based on the expected amount to be earned by our clients and reduce revenue accordingly. We do not expect significant changes to estimates of variable consideration. Given the nature of our products and the history of returns, product returns are not significant.

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R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

Contract Balances

The following table provides information about contract assets and contract liabilities from contracts with clients:

	Contract	
	Assets	Contract Liabilities
	Short-Term	Short-Termg-Term
Balance at January 1, 2018	\$ 4.0	\$30.3 \$ 1.4
Balance at June 30, 2018	5.0	22.4 0.9

Contract liabilities primarily relate to client advances received prior to completion of performance obligations. Reductions in contract liabilities are a result of our completion of performance obligations.

Revenue recognized during the six months ended June 30, 2018 from amounts included in contract liabilities at the beginning of the period was approximately \$22.4 million. During the six months ended June 30, 2018, we reclassified \$4.0 million of contract assets to receivables as a result of the completion of the performance obligation and the right to the consideration becoming unconditional.

Practical Expedients and Exemptions

As part of the adoption of Topic 606, we have elected practical expedients and exemptions allowable under the guidance.

We account for shipping and handling activities performed after the control of a good has been transferred to the client as a fulfillment cost. We accrue for the costs of shipping and handling activities if revenue is recognized before contractually agreed shipping and handling activities occur.

We apply Topic 606 to a portfolio of contracts (or performance obligations) with similar characteristics as we reasonably expect that the effects on the financial statements of applying this guidance to the portfolio would not differ significantly from applying this guidance to the individual contracts (or performance obligations) within that portfolio.

When the output method for measure of progress is determined appropriate, we recognize revenue in the amount for which we have the right to invoice for revenue that is recognized over time and for which we can demonstrate that the invoiced amount corresponds directly with the value to the client for the performance completed to date.

We generally expense sales commissions and other costs to obtain a contract when incurred, because the amortization period would have been one year or less. These costs are recorded within selling, general and administrative expenses.

We exclude sales taxes and other similar taxes from the measurement of the transaction price. We do not disclose the value of unsatisfied performance obligations, nor do we disclose the timing of revenue recognition for contracts with an original expected length of one year or less.

3. Inventories

The components of inventories, net of excess and obsolescence reserves for raw materials and finished goods, at June 30, 2018 and December 31, 2017 were as follows:

	June 30, 2018	December 31, 2017
Raw materials and manufacturing supplies	\$145.3	\$ 161.1
Work in process	71.1	75.0
Finished goods	124.9	198.2
LIFO reserve	(16.9)	(17.5)
Total inventories	\$324.4	\$ 416.8

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

4. Property, Plant and Equipment

The components of property, plant and equipment at June 30, 2018 and December 31, 2017 were as follows:

	June 30, 2018	December 31, 2017
Land	\$53.1	\$ 56.1
Buildings	403.1	417.3
Machinery and equipment	1,844.5	1,885.2
	2,300.7	2,358.6
Less: Accumulated depreciation	(1,741.5)	(1,743.5)
Total property, plant and equipment-net	\$559.2	\$ 615.1

During the three and six months ended June 30, 2018, depreciation expense was \$32.3 million and \$65.6 million, respectively. During the three and six months ended June 30, 2017, depreciation expense was \$34.9 million and \$70.6 million, respectively.

During the fourth quarter of 2017, we entered into an agreement to sell a building and transfer the related land use rights to a third party for a facility in an international location. During the three months ended December 31, 2017 and six months ended June 30, 2018, we received deposits in accordance with the terms of the agreement of approximately \$12.5 million and \$32.1 million, respectively, which are recorded in other noncurrent liabilities on the Condensed Consolidated Balance Sheets. Additional deposits will be paid to us in accordance with the agreement. Based on the current exchange rate, gross proceeds, including deposits, from the sale are expected to be approximately \$250.0 million and we expect the transaction to close in 2020 following receipt of government approvals and satisfaction of closing conditions. As of June 30, 2018, we continue to classify the carrying cost of the building within property, plant and equipment and record depreciation expense. The carrying cost of the land use rights are classified in other noncurrent assets and we continue to record amortization expense. The combined carrying cost of the building and land use rights is not significant.

5. Goodwill and Other Intangible Assets

The changes in the carrying amount of goodwill for the six months ended June 30, 2018 were as follows:

		Marketing Solutions	Total
Net book value as of December 31, 2017			
Goodwill	\$2,759.8	\$ 519.5	\$3,279.3
Accumulated impairment losses	(2,436.7)	(254.1)	(2,690.8)

Total	323.1	265.4	588.5
Foreign exchange	(1.9)	_	(1.9)
Transfer to current assets held for sale	(32.4)		(32.4)
Net book value as of June 30, 2018			
Goodwill	2.627.6	519.5	3,147.1
	_,	01/10	-,
Accumulated impairment losses	(2,338.8)	(254.1) (2,592.9)

The components of other intangible assets at June 30, 2018 and December 31, 2017 were as follows:

	June 30	, 2018		Decemb	per 31, 2017	
	Gross			Gross		
			Net			
	Carryin	gAccumulated	l Book	Carryin	gAccumulat	ed Net Book
	Amount	Amortization	n Value	Amoun	t Amortizati	on Value
Client relationships	\$523.8	\$ (416.7) \$107.1	\$534.1	\$ (412.4) \$ 121.7
Patents	2.0	(2.0) —	2.0	(2.0) —
Trademarks, licenses and agreements	25.8	(25.0) 0.8	26.2	(25.2) 1.0
Trade names	36.6	(17.3) 19.3	36.8	(16.2) 20.6
Total other intangible assets	\$588.2	\$ (461.0) \$127.2	\$599.1	\$ (455.8) \$ 143.3

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Amortization expense for other intangible assets was \$6.9 million and \$13.9 million for the three and six months ended June 30, 2018, respectively. Amortization expense for other intangible assets was \$7.0 million and \$14.5 million for the three and six months ended June 30, 2017, respectively.

See Note 16, Subsequent Event, for further discussion of the goodwill and other intangible assets included in current assets held for sale presented in Prepaid expenses and other current assets on the Condensed Consolidated Balance Sheet as of June 30, 2018.

6. Restructuring and Other

For the three months ended June 30, 2018 and 2017, we recorded the following net restructuring and other expenses:

	Three June		onths Ended 2018						
		Oth	ner	To	tal				
							Mu	lti-Employe	r
	Empl	oRec	structuring	Re	structuring		Pen	sion Plan	
	Term	inCalbi	anges	Ch	arges	Other	Cha	irges	Total
Business Services	\$4.3	\$	1.1	\$	5.4	\$ 0.2	\$	0.5	\$6.1
Marketing Solutions	0.7				0.7	1.2		0.1	2.0
Corporate	0.2		2.7		2.9			_	2.9
Total	\$5.2	\$	3.8	\$	9.0	\$14	\$	0.6	\$11.0

	Three June 3			-	otal				
	D 1	D	, , .	ъ	, , .			lti-Employ	/er
	Emplo	okee	structuring	R	estructuring		Pen	sion Plan	
	Termi	inCalbi	anges	Cl	narges	Other	Cha	irges	Total
Business Services	\$1.6	\$	1.1	\$	2.7	\$(0.3)	\$	0.5	\$2.9
Marketing Solutions	0.1		(0.1)				0.1	0.1
Corporate	0.7		0.1		0.8				0.8
Total	\$2.4	\$	1.1	\$	3.5	\$(0.3)	\$	0.6	\$3.8

For the six months ended June 30, 2018 and 2017, we recorded the following net restructuring and other expenses:

Six Months Ended June 30, 2018 Emplo**Qath**er Total

		Res	structuring	Re	estructuring			ti-Emp sion Pl	
	Term	inCalbi	anges	Cł	narges	Other	Cha	rges	Total
Business Services	\$6.1	\$	2.1	\$	8.2	\$(4.7)	\$	1.0	\$4.5
Marketing Solutions	1.8				1.8	1.5		0.2	3.5
Corporate	0.5		3.3		3.8				3.8
Total	\$8.4	\$	5.4	\$	13.8	\$(3.2)	\$	1.2	\$11.8

	Six M June 1	30, 2							
		Otł	ner	Τc	otal				
							Mul	ti-Employer	
	Empl	oRec	structuring	Re	estructuring		Pen	sion Plan	
	Term	inCalbi	anges	Cł	narges	Other	Cha	rges	Total
Business Services	\$5.4	\$	2.2	\$	7.6	\$(0.3)	\$	1.0	\$8.3
Marketing Solutions	1.2		0.3		1.5	0.5		0.2	2.2
Corporate	2.2		0.2		2.4	_			2.4
Total	\$8.8	¢	27	\$	11.5	\$0.2	\$	12	\$12.9

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Restructuring and Other

For the three and six months ended June 30, 2018, we recorded net restructuring charges of \$5.2 million and \$8.4 million, respectively, for employee termination costs. These charges primarily relate to the reorganization of selling, general and administrative functions across each segment and two announced facility closures in the Business Services segment. We also incurred lease termination and other restructuring charges of \$3.8 million and \$5.4 million, respectively, for the three and six months ended June 30, 2018. Additionally, we recorded a \$4.9 million net gain on the sale of previously impaired assets in the Business Services segment for the six months ended June 30, 2018. These assets were previously impaired in 2015. We also recorded impairment charges related to facility closures of \$1.7 million for the six months ended June 30, 2018.

For the three and six months ended June 30, 2017, we recorded net restructuring charges of \$2.4 million and \$8.8 million, respectively, for employee termination costs. These charges primarily related to ceasing our relationship in a joint venture within the Business Services segment, the reorganization of certain selling, general and administrative functions across all segments and one facility closure in the Marketing Solutions segment. We also incurred lease termination and other restructuring charges of \$1.1 million and \$2.7 million, respectively, for the three and six months ended June 30, 2017. For the three months ended June 30, 2017, we recorded \$0.3 million related to a net gain on the sale of previously impaired equipment. For the six months ended June 30, 2017, we recorded net impairment charges of \$0.5 million primarily related to equipment associated with the facility closure in the Marketing Solutions segment.

Multi-Employer Pension Plan (MEPP) Charges

For the three and six months ended June 30, 2018 and 2017, we recorded charges of \$0.6 million and \$1.2 million for MEPP withdrawal obligations unrelated to facility closures. The total liabilities for the withdrawal obligations associated with our decision to withdraw from all multi-employer pension plans included in accrued liabilities and other noncurrent liabilities are \$5.1 million and \$30.3 million, respectively, as of June 30, 2018.

Restructuring Reserve

Restructuring reserves as of December 31, 2017 and June 30, 2018, and changes during the six months ended June 30, 2018, were as follows:

	December		Foreign Exchange		
	31,	Restructuring	and	Cash	June 30,
	2017	Charges	Other	Paid	2018
Employee terminations	\$ 9.6	\$ 8.4	\$ (0.4) \$(8.7)) \$ 8.9
MEPP withdrawal obligations related to facility closures	11.0	0.3		(0.7)) 10.6
Lease terminations and other	2.9	5.1	—	(4.6)) 3.4
Total	\$ 23.5	\$ 13.8	\$ (0.4) \$(14.0)) \$ 22.9

The current portion of restructuring reserves of \$11.0 million at June 30, 2018 was included in accrued liabilities and other, while the long-term portion of \$11.9 million, primarily related to MEPP withdrawal obligations related to facility closures, employee terminations in litigation and lease termination costs, was included in other noncurrent liabilities at June 30, 2018.

We anticipate that payments associated with the employee terminations reflected in the above table will be substantially completed by June 2019, excluding employee terminations in litigation.

Payments on all of our MEPP withdrawal obligations are scheduled to be substantially completed by 2034. Changes based on uncertainties in these estimated withdrawal obligations could affect the ultimate charges related to MEPP withdrawals.

The restructuring liabilities classified as "lease terminations and other" consisted of lease terminations, other facility closing costs and contract termination costs. Payments on certain of the lease obligations are scheduled to continue until 2020. Market conditions and our ability to sublease these properties could affect the ultimate charges related to the lease obligations. Any potential recoveries or additional charges could affect amounts reported in our financial statements.

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7. Retirement Plans

Components of net pension and other postretirement benefits plan ("OPEB") income for the three and six months ended June 30, 2018 and 2017 were as follows:

	Ended June 3	30,	Six Mor Ended June 30	,
Dension ennenge (income):	2018	2017	2018	2017
Pension expense (income):	* ~ *	* ~ *	+ - ·	+ o . (
Service cost	\$0.2	\$0.2	\$0.4	\$0.4
Interest cost	7.9	7.9	15.7	15.7
Expected return on plan assets	(12.6	6) (12.6)	(25.2)	(24.9)
Amortization, net	1.9	1.8	3.9	3.5
Settlements	1.0		1.3	
Net pension income	\$(1.6) \$(2.7)	\$(3.9)	\$(5.3)
OPEB expense (income):				
Service cost	\$0.4	\$0.3	\$0.8	\$0.6
Interest cost	2.6	2.8	5.2	5.6
Expected return on plan assets	(3.5) (3.3)	(7.0)	(6.7)
Amortization, net	(0.7) (0.8)	(1.4)	(1.5)
Net other postretirement benefit income	\$(1.2) \$(1.0)	\$(2.4)	\$(2.0)

During the six months ended June 30, 2018, we contributed \$10.2 million to our retirement plans.

We adopted ASU No. 2017-07 "Compensation—Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost", with retrospective adoption, during the first quarter of 2018. In accordance with Topic 715, benefit service cost is recorded in cost of sales and selling, general and administrative expenses. The other components, which include interest cost, expected return on plan assets, net amortization and settlements, are recorded in Investment and other income-net within the Condensed Consolidated Statements of Operations. Previously, all pension and postretirement benefits expense (income) was recorded in cost of sales and selling, general and administrative expenses. See Note 17, New Accounting Pronouncements, for further discussion and impact of adoption.

8. Share-Based Compensation

Share-based compensation expense totaled \$3.0 million and \$2.4 million for the three months ended June 30, 2018 and 2017, respectively, and \$4.2 million and \$4.3 million for the six months ended June 30, 2018 and 2017, respectively.

In March 2018, we awarded our annual share-based compensation grants, which consisted of 683,076 restricted stock units with a grant date fair value of \$6.10 per unit and 683,076 performance share units also with a grant date fair value of \$6.10 per unit. The restricted stock units are subject to a three year graded vesting period and the performance share units are subject to a 34 month cliff vesting period. Dividends are not paid on restricted stock units.

In addition, during the six months ended June 30, 2018, we granted 813,361 cash-settled stock units ("phantom stock units"). Our share price on the date of grant was \$7.31. The phantom stock units vest and are payable in three equal installments over a period of three years after the grant date. Phantom stock units are not shares of our common stock and therefore the recipients of these awards do not receive ownership interest in the Company or stockholder voting rights. Phantom stock unit awards are subject to forfeiture upon termination of employment prior to vesting, subject in some cases to early vesting upon specified events, including death or permanent disability of the grantee, termination of the grantee's employment under certain circumstances or a change in control of the Company. All phantom stock unit awards are classified as liability awards due to their expected settlement in cash, and are included in accrued liabilities in the Condensed Consolidated Balance Sheets. Compensation expense for these awards is measured based upon the fair value of the awards at the end of each reporting period. Dividends are not paid on phantom stock units.

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9. Equity

Our equity as of December 31, 2017 and June 30, 2018, and changes during the six months ended June 30, 2018, were as follows:

	RRD			
	Stockholders	' Ne	oncontro	olling
				Total
	Equity	In	terest	Equity
Balance at December 31, 2017	\$ (217.6) \$	14.7	\$(202.9)
Cumulative impact of adopting Topic 606, net of tax	12.9			12.9
Net (loss) income	(22.6)	0.7	(21.9)
Other comprehensive loss	(18.3)	(0.1) (18.4)
Share-based compensation	4.2			4.2
Issuance of share-based awards, net of withholdings and other	(0.8)		(0.8)
Cash dividends paid	(19.6)		(19.6)
Distributions to noncontrolling interests			(1.0) (1.0)
Balance at June 30, 2018	\$ (261.8)\$	14.3	\$(247.5)

10. Earnings per Share

Basic earnings per share is calculated by dividing net earnings attributable to RRD common stockholders by the weighted average number of common shares outstanding for the period. In computing diluted earnings per share, basic earnings per share is adjusted for the assumed issuance of all potentially dilutive share-based awards, including stock options, restricted stock units and performance share units. Performance share units are excluded if the performance targets upon which the issuance of the shares is contingent have not been achieved and the respective performance period has not been completed as of the end of the current period. Additionally, stock options are considered anti-dilutive when the exercise price exceeds the average market value of our stock price during the applicable period. In periods when we are in a net loss, share-based awards are excluded from the calculation of earnings per share as their inclusion would have an anti-dilutive effect.

During the six months ended June 30, 2018 and 2017, no shares of common stock were purchased by us; however, shares were withheld for tax liabilities upon the vesting of equity awards.

The reconciliation of the numerator and denominator of the basic and diluted earnings per share calculation and the anti-dilutive share-based awards for the three and six months ended June 30, 2018 and 2017 were as follows:

	Three M Ended		Six Mor Ended	
	June 30	, ,	June 30,	
	2018	2017	2018	2017
Net (loss) income per share attributable to RRD common stockholders:				
Basic	\$(0.18)	\$1.09	\$(0.32)	\$0.38
Diluted	\$(0.18)	\$1.09	\$(0.32)	\$0.38
Numerator:				
Net (loss) income attributable to RRD common stockholders	\$(13.0)	\$76.5	\$(22.6)	\$26.4
	, í		, í	
Denominator:				
Basic weighted average number of common shares outstanding	70.6	70.1	70.5	70.1
Dilutive options and awards		0.1		0.2
Diluted weighted average number of common shares outstanding	70.6	70.2	70.5	70.3
Weighted average number of anti-dilutive share-based awards:				
Stock options	0.8	0.9	0.9	1.1
Restricted stock units	0.8	1.1	0.9	0.3
Total	1.6	2.0	1.8	1.4
Dividends declared per common share	\$0.14	\$0.14	\$0.28	\$0.28
1		•		

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

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11. Other Comprehensive (Loss) Income

The components of other comprehensive (loss) income and income tax expense (benefit) allocated to each component for the three and six months ended June 30, 2018 and 2017 were as follows:

	Three Months Ended			Six Months Ended		
	June 30	, 2018		June 30		
	Before		Net of	Before		Net of
	Tax	Income	Tax	Tax	Income	Tax
	Amoun	t Tax	Amount	Amoun	t Tax	Amount
Translation adjustments	\$(41.6)	\$ —	\$(41.6)	\$(22.7)	\$ —	\$(22.7)
Adjustment for net periodic pension and other postretirement						
benefits plan cost	2.2	0.5	1.7	5.8	1.5	4.3
Other comprehensive loss	\$(39.4)	\$ 0.5	\$(39.9)	\$(16.9)	\$ 1.5	\$(18.4)

	Three Months Ended			Six Months Ended		
	June 30), 2017		June 30,		
	Before		Net of	Before	Net of	
	Tax	Income	Tax	Tax	Income	Tax
	Amoun	t Tax	Amount	Amount	Tax	Amount
Translation adjustments	\$20.1	\$ —	\$ 20.1	\$29.1	\$ —	\$29.1
Adjustment for net periodic pension and other postretiremen	nt					
benefits plan cost	1.0	0.3	0.7	2.0	0.6	1.4
Adjustments for available-for-sale securities	(85.2)) —	(85.2)	(120.5)	(3.0)	(117.5)
Other comprehensive loss	\$(64.1)	\$ 0.3	\$(64.4)	\$(89.4)	\$ (2.4)	\$(87.0)

Accumulated other comprehensive loss by component as of December 31, 2017 and June 30, 2018, and changes during the six months ended June 30, 2018, were as follows:

	Other Postretirement	t	
	Benefits Plan Cost	Translation Adjustments	Total
Balance at December 31, 2017	\$ (144.6) \$ 40.9	\$(103.7)
Other comprehensive income (loss) before reclassifications	1.2	(22.6) (21.4)
Amounts reclassified from accumulated other comprehensive loss	3.1		3.1

Pension and

Net change in accumulated other comprehensive loss	4.3	(22.6) (18.3)
Balance at June 30, 2018	\$ (140.3) \$ 18.3	\$(122.0)
Accumulated other comprehensive loss by component as of Decemb	per 31, 2016 and Ju	ne 30, 2017, ar	nd changes
during the six months ended June 30, 2017, were as follows:			

		Pension and Other		
	Changes in the	Postretirement		
	Fair Value of			
	Available-for-Sale	Benefits Plan	Translation	
	Securities	Cost	Adjustments	Total
Balance at December 31, 2016	\$ 119.3	\$ (159.5)\$ (15.5)	\$(55.7)
Other comprehensive (loss) income before reclassifications	s (48.5)		28.8	(19.7)
Amounts reclassified from accumulated other				
comprehensive loss	(69.0)	1.4		(67.6)
Net change in accumulated other comprehensive loss	(117.5)	1.4	28.8	(87.3)
Balance at June 30, 2017	\$ 1.8	\$ (158.1) \$ 13.3	\$(143.0)

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Reclassifications from accumulated other comprehensive loss for the three and six months ended June 30, 2018 and 2017 were as follows:

	Three Ended	Months l	Six M Ended	0110110	
	June 3	80,	June 3	0,	Classification in the Condensed Consolidated Statements of
	2018	2017	2018	2017	Operations
Amortization of pension and other postretirement benefits plan cost:					
Net actuarial loss	\$1.9	\$1.8	\$3.9	\$3.5	Investment and other income-net
Net prior service credit	(0.7)) (0.8)	(1.4)	(1.5)	Investment and other income-net
					Investment and other
Settlements	1.0	—	1.3		income-net
Reclassifications before tax	2.2	1.0	3.8	2.0	
Income tax benefit	0.3	0.3	0.7	0.6	
Reclassification, net of tax	\$1.9	\$0.7	\$3.1	\$1.4	
Available-for-sale securities:					
					Investment and other
Net realized gain on equity securities, before tax	\$—	\$(97.6)	\$—	\$(51.0)	income-net
Income tax benefit				18.0	
Reclassification, net of tax		(97.6)		(69.0)	
Total reclassifications, net of tax	\$1.9	\$(96.9)		\$(67.6)	

12. Segment Information

During the first quarter of 2018, we realigned our reportable segments to reflect changes in our global operating structure and the manner in which the chief operating decision maker assesses information for decision-making purposes. All prior year amounts have been reclassified to conform to our current reporting structure.

Our segments and their product and service offerings are summarized below:

Business Services

Business Services provides customized solutions at scale to help clients inform, service and transact with their customers. The segment's primary product and service offerings include commercial print, logistics, statement

printing, labels, packaging, supply chain management, forms and business process outsourcing. This segment also includes all of our operations in Asia, Europe, Canada and Latin America.

Marketing Solutions

Marketing Solutions leverages an integrated portfolio of data analytics, creative services and multichannel execution to deliver comprehensive, end-to-end solutions. The segment's primary product and service offerings include direct mail, in-store marketing, digital print, kitting, fulfillment, digital and creative solutions and list services.

Corporate

Corporate consists of unallocated selling, general and administrative activities and associated expenses including, in part, executive, legal, finance, communications, certain facility costs and last-in-first-out inventory provisions. In addition, certain costs and earnings of employee benefit plans, such as pension and OPEB expense (income) and share-based compensation, are included in Corporate and not allocated to the operating segments. Corporate also manages our cash pooling structures, which enables participating international locations to draw on our international cash resources to meet local liquidity needs.

Information by Segment

We have disclosed income (loss) from operations as the primary measure of segment earnings (loss). This is the measure of profitability used by our chief operating decision-maker and is most consistent with the presentation of profitability reported within the Condensed Consolidated Financial Statements.

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

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Three Months Ended June 30, 2018

	Total	Intersegment	Net	Income (Loss) from	Depreciation and	Capital	Assets of Operations As of June 30,
	Sales	Sales	Sales	Operations	Amortization	Expenditures	2018
Business Services	\$1,434.2	\$ (25.2)	\$1,409.0	\$ 38.3	\$ 33.2	\$ 20.3	\$2,754.4
Marketing Solutions	282.6	(12.1)	270.5	8.6	11.7	2.4	650.4
Total operating							
segments	1,716.8	(37.3)	1,679.5	46.9	44.9	22.7	3,404.8
Corporate				(21.4)	1.2	3.8	249.0
Total operations	\$1,716.8	\$ (37.3)	\$1,679.5	\$ 25.5	\$ 46.1	\$ 26.5	\$ 3,653.8

Three Months Ended June 30, 2017

	Total	Intersegment	Net	Income (Loss) from	Depreciation and	Capital	Assets of Operations As of December
	Sales	Sales	Sales	Operations	Amortization	Expenditures	31, 2017
Business Services	\$1,376.3	\$ (27.6)	\$1,348.7	\$ 43.1	\$ 34.9	\$ 19.5	\$ 2,989.5
Marketing Solutions	280.0	(8.7)	271.3	7.4	11.7	5.1	717.0
Total operating							
segments	1,656.3	(36.3)	1,620.0	50.5	46.6	24.6	3,706.5
Corporate				(16.1	0.9	3.5	198.0
Total operations	\$1,656.3	\$ (36.3)	\$1,620.0	\$ 34.4	\$ 47.5	\$ 28.1	\$ 3,904.5

Six Months Ended June 30, 2018

					Income (Loss)) I	Depreciation		
	Total	Intersegmen	t	Net	from	а	nd	Caj	pital
	Sales	Sales		Sales	Operations	A	Amortization	Exp	penditures
Business Services	\$2,879.7	\$ (54.6)	\$2,825.1	\$ 78.1	\$	67.2	\$	37.0
Marketing Solutions	580.6	(18.4)	562.2	20.9		23.6		5.4
Total operating segments	3,460.3	(73.0)	3,387.3	99.0		90.8		42.4
Corporate					(41.3)	2.5		5.6
Total operations	\$3,460.3	\$ (73.0)	\$3,387.3	\$ 57.7	\$	93.3	\$	48.0

Six Months Ended
June 30, 2017

					Income (Loss)			Depreciation			
	Total	Intersegment		Net	fr	from		and		Capital	
	Sales	Sales		Sales	0	perations		Amortization	E	xpenditures	
Business Services	\$2,786.1	\$ (61.0)	\$2,725.1	\$	101.8		\$ 70.0	\$	34.4	
Marketing Solutions	570.9	(17.1)	553.8		12.3		23.9		9.7	
Total operating segments	3,357.0	(78.1)	3,278.9		114.1		93.9		44.1	
Corporate	_					(36.4)	2.2		10.1	
Total operations	\$3,357.0	\$ (78.1)	\$3,278.9	\$	77.7		\$ 96.1	\$	54.2	
Destructive and other evenences by segment are described in Note 6. Destructive and Other											

Restructuring and other expenses by segment are described in Note 6, Restructuring and Other.

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(in millions, except per share data, unless otherwise indicated)

13. Commitments and Contingencies

We are subject to laws and regulations relating to the protection of the environment. We provide for expenses associated with environmental remediation obligations when such amounts are probable and can be reasonably estimated. Such accruals are adjusted as new information develops or circumstances change and are generally not discounted. We have been designated as a potentially responsible party or have received claims in two active federal and state Superfund and other multiparty remediation sites. In addition to these sites, we may also have the obligation to remediate six other previously and currently owned facilities. At the Superfund sites, the Comprehensive Environmental Response, Compensation and Liability Act provides that our liability could be joint and several, meaning that we could be required to pay an amount in excess of our proportionate share of the remediation costs.

Our understanding of the financial strength of other potentially responsible parties at the multiparty sites and of other liable parties at the previously owned facilities has been considered, where appropriate, in the determination of our estimated liability. We believe that our recorded reserves, recorded in accrued liabilities and other noncurrent liabilities, are adequate to cover our share of the potential costs of remediation at each of the multiparty sites and the previously and currently owned facilities. It is not possible to quantify with certainty the potential impact of actions regarding environmental matters, particularly remediation and other compliance efforts that we may undertake in the future. However, in our opinion, compliance with the present environmental protection laws, before taking into account estimated recoveries from third parties, will not have a material effect on our consolidated results of operations, financial position or cash flows.

From time to time, our clients and others file voluntary petitions for reorganization under United States bankruptcy laws. In such cases, certain pre-petition payments received by us from these parties could be considered preference items and subject to return. In addition, we may be party to certain litigation arising in the ordinary course of business. We believe that the final resolution of these preference items and litigation will not have a material effect on our consolidated results of operations, financial position or cash flows.

14. Debt

Debt at June 30, 2018 and December 31, 2017 consisted of the following:

	June 30, 2018	December 31, 2017
Borrowings under the Credit Agreement	\$322.0	\$ 216.0
11.25% senior notes due February 1, 2019 (a)	172.2	172.2
7.625% senior notes due June 15, 2020	238.4	238.4
7.875% senior notes due March 15, 2021	447.3	447.2
8.875% debentures due April 15, 2021	80.9	80.9
7.00% senior notes due February 15, 2022	140.0	140.0
6.50% senior notes due November 15, 2023	290.6	290.6
6.00% senior notes due April 1, 2024	298.3	298.3

6.625% debentures due April 15, 2029	157.9 157	7.9
8.820% debentures due April 15, 2031	69.0 69.	0
Other ^(b)	49.1 10.	8
Unamortized debt issuance costs	(10.3) (11	.6)
Total debt	2,255.4 2,1	09.7
Less: current portion	(221.3) (10	.8)
Long-term debt	\$2,034.1 \$ 2,0	98.9

(a) As of June 30, 2018 and December 31, 2017, the interest rate on the 11.25% senior notes due February 1, 2019 was 13.25%, the maximum rate on these notes, as a result of previous ratings downgrades.

(b)Includes other miscellaneous debt obligations, primarily at foreign subsidiaries, and capital leases.

The fair values of the senior notes and debentures, which were determined using the market approach based upon interest rates available to us for borrowings with similar terms and maturities, were determined to be Level 2 under the fair value hierarchy. The fair value of our total debt was greater than its book value by approximately \$14.1 million and \$18.8 million at June 30, 2018 and December 31, 2017, respectively.

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

On September 29, 2017, we entered into an asset-based revolving credit facility (the "Credit Agreement") which amended and restated our prior \$800.0 million senior secured revolving credit facility dated September 30, 2016. The Credit Agreement provides for a senior secured asset-based revolving credit facility of up to \$800.0 million subject to a borrowing base. The amount available to be borrowed under the Credit Agreement is equal to the lesser of (a) \$800.0 million and (b) the aggregate amount of accounts receivable, inventory, machinery and equipment and fee-owned real estate of ours and certain of our domestic subsidiaries (the "Guarantors") (collectively, the "Borrowing Base"), subject to certain eligibility criteria and advance rates. The aggregate amount of real estate, machinery and equipment that can be included in the Borrowing Base cannot exceed \$200.0 million.

Our obligations under the Credit Agreement are guaranteed by the Guarantors and are secured by a security interest in certain assets of ours and our domestic subsidiaries, including accounts receivable, inventory, deposit accounts, securities accounts, investment property, machinery, equipment and, to the extent related to the foregoing, general intangibles, documents and instruments, as well as 65% of the equity interests of our first-tier foreign subsidiaries.

The Credit Agreement contains customary restrictive covenants, including a covenant which requires us to maintain a minimum fixed charge coverage ratio under certain circumstances. In addition, our ability to undertake certain actions, including, among other things, prepay certain junior debt, incur additional unsecured indebtedness and make certain restricted payments depends on satisfaction of certain conditions, including, among other things, meeting minimum availability thresholds under the Credit Agreement. The Credit Agreement generally allows annual dividend payments of up to \$60.0 million in aggregate, though additional dividends may be allowed subject to certain conditions.

Borrowings under the Credit Agreement bear interest at a rate dependent on the average quarterly availability under the Credit Agreement and is calculated according to a base rate (prime rate) or a Eurocurrency rate (London Inter-bank Offered Rate or "LIBOR") plus an applicable margin. The applicable margin for base rate loans ranges from 0.25% to 0.50% and the applicable margin for Eurocurrency loans ranges from 1.25% to 1.50%. In addition, a fee is payable quarterly on the unused portion of the amount available to be borrowed under the Credit Agreement. The fee accrues at a rate of either 0.25% or 0.375% depending upon the average usage of the facility.

The Credit Agreement is scheduled to mature on September 29, 2022, at which time all outstanding amounts under the Credit Agreement will be due and payable. Borrowings under the Credit Agreement may be used for working capital and general corporate purposes.

Based on our borrowing base as of June 30, 2018 and existing borrowings, we had approximately \$351.8 million borrowing capacity available under the Credit Agreement.

The weighted average interest rate on borrowings under our current and prior credit facilities was 3.4% and 3.8% during the six months ended June 30, 2018 and 2017, respectively.

Interest paid, net of interest capitalized, was \$43.7 million and \$81.8 million for the three and six months ended June 30, 2018, respectively, and \$56.2 million and \$94.5 million for the three and six months ended June 30, 2017, respectively.

Interest income was \$0.7 million and \$1.2 million for the three and six months ended June 30, 2018, respectively, and \$0.6 million and \$1.5 million for the three and six months ended June 30, 2017, respectively.

15. Derivatives

All derivatives are recorded as other current or noncurrent assets or other current or noncurrent liabilities in the Condensed Consolidated Balance Sheets at their respective fair values. Unrealized gains and losses related to derivatives are recorded in the Condensed Consolidated Statements of Operations, or in other comprehensive income (loss), net of applicable income taxes, depending on the purpose for which the derivative is held. At the inception of a hedge transaction, we formally document the hedge relationship and the risk management objective for undertaking the hedge. In addition, we assess both at inception of the hedge and on an ongoing basis, whether the derivative in the hedging transaction has been highly effective in offsetting changes in fair value or cash flows of the hedged item and whether the derivative is expected to continue to be highly effective. The impact of any ineffectiveness is also recognized in the Condensed Consolidated Statements of Operations.

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(in millions, except per share data, unless otherwise indicated)

We are exposed to the impact of foreign currency fluctuations in certain countries in which we operate. The exposure to foreign currency movements is limited in many countries because the operating revenues and expenses of our various subsidiaries and business units are substantially in the local currency of the country in which they operate. To the extent borrowings, sales, purchases, revenues, expenses or other transactions are not in the local currency of the subsidiary or operating unit, we are exposed to currency risk. Periodically, we use foreign exchange spot and forward contracts to hedge exposures resulting from foreign exchange fluctuations. Accordingly, the gains and losses associated with the fair values of foreign currency exchange contracts are recognized in the Condensed Consolidated Statements of Operations and are generally offset by gains and losses on underlying payables, receivables and net investments in foreign subsidiaries. We do not use derivative financial instruments for trading or speculative purposes. The aggregate notional value of the forward contracts at June 30, 2018 and December 31, 2017 was \$134.2 million and \$215.9 million, respectively. The fair values of foreign currency contracts were determined to be Level 2 under the fair value hierarchy and are valued using market exchange rates.

The total fair value of our foreign currency contracts, which were the only derivatives not designated as hedges, included in prepaid expenses and other current assets at June 30, 2018 and December 31, 2017, was \$2.3 million and \$2.2 million, respectively. In addition, there was \$4.0 million of these derivatives included in accrued liabilities at June 30, 2018.

16. Subsequent Event

On May 2, 2018, we announced that we had entered into a definitive agreement to sell certain assets and liabilities of our Print Logistics business. Subsequently, on July 2, 2018, we completed the sale for \$60.0 million cash, subject to working capital adjustments. We expect to report an insignificant gain in the third quarter of 2018 and expect no income taxes due as a result of the utilization of capital loss carryforwards. Proceeds from the sale were used to reduce borrowings outstanding on our credit facility.

Assets and liabilities of the Print Logistics business held for sale as of June 30, 2018 were as follows:

	June 30,
	2018
Cash and cash equivalents	\$ 5.2
Accounts receivable	35.3
Prepaid expenses and other current assets	1.7
Goodwill ⁽¹⁾	32.4
Other noncurrent assets ⁽²⁾	5.9
Current assets held for sale	80.5
Accounts payable	\$ 29.3
Accrued liabilities	6.5
Other noncurrent liabilities	0.7
Current liabilities held for sale	36.5

(1)Includes \$100.9 million of goodwill, offset by \$68.5 million of accumulated goodwill impairment losses.
(2)Includes net property, plant and equipment, net other intangible assets and other noncurrent assets.
Current assets and liabilities held for sale are recorded in Prepaid expenses and other current assets and Accrued liabilities and other, respectively, on the Condensed Consolidated Balance Sheet as of June 30, 2018.

R.R. DONNELLEY & SONS COMPANY AND SUBSIDIARIES ("RRD")

NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

(in millions, except per share data, unless otherwise indicated)

17. New Accounting Pronouncements

Recently Adopted Accounting Pronouncements

In March 2017, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") No. 2017-07 "Compensation—Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost," which changed the presentation of net periodic pension and postretirement benefit cost (net benefit cost) within the Statement of Operations. Under the previous guidance, net benefit cost was reported as an employee cost within income from operations. The amendment required the bifurcation of net benefit cost, with the service cost component presented with other employee compensation costs in income from operations while the other components are presented separately outside of income from operations. We retrospectively adopted this guidance as of January 1, 2018. See Note 7, Employee Benefits, for further discussion.

The impact of adoption was a \$1.1 million increase in cost of sales, \$3.1 million increase in selling, general and administrative expenses and \$4.2 million increase in investment and other income-net for the three months ended June 30, 2017 to the amounts previously reported. The impact of adoption for the six months ended June 30, 2017 was a \$2.1 million increase in cost of sales, \$6.2 million increase in selling, general and administrative expenses and \$8.3 million increase in investment and other income-net to the amounts previously reported.

In May 2014, the FASB issued ASU No. 2014-09 "Revenue from Contracts with Customers (Topic 606)," which outlined a single comprehensive model for entities to use in accounting for revenue using a five-step process that superseded virtually all existing revenue guidance. ASU 2014-09 also required additional quantitative and qualitative disclosures. During 2016, the FASB issued ASU 2016-08 "Revenue from Contracts with Customers (Topic 606): Principal versus Agent Considerations (Reporting Revenue Gross versus Net)," ASU 2016-10 "Revenue from Contracts with Customers (Topic 606): Identifying Performance Obligations and Licensing," and ASU 2016-12 "Revenue from Contracts with Customers (Topic 606): Narrow-Scope Improvements and Practical Expedients," which clarified the revenue recognition implementation guidance on principal versus agent considerations, identifying performance obligations, determining whether an entity's promise to grant a license provides a customer with either a right to use or a right to access the entity's intellectual property, assessing the collectability criteria, presentation of sales and similar taxes, noncash consideration and various other items. The standard allowed the option of either a full retrospective adoption, meaning the standard is applied to all periods presented, or a modified retrospective adoption, meaning the standard is applied to all periods presented, or a modified retrospective adoption, meaning the retrospective approach. See Note 2, Revenue Recognition, for further discussion.

In accordance with Topic 606, the impact of adoption as compared to the prior guidance on our Condensed Consolidated Statements of Operations was an increase of \$0.7 million in total net sales and a decrease of \$0.3 million in total gross profit for the three months ended June 30, 2018. The impact of adoption as compared to the prior guidance for the six months ended June 30, 2018 was increases of \$5.9 million in total net sales and \$0.9 million in total gross profit. Additionally, the impact of adoption as compared to the prior guidance was a decrease of \$68.7 million in inventories, decrease of \$80.9 million in accrued liabilities and increase of \$13.6 million in stockholders' equity at June 30, 2018. No other financial statement line item was materially impacted.

Accounting Pronouncements Issued and Not Yet Adopted

In February 2018, the FASB issued ASU No. 2018-02 "Income Statement—Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income," which permits the reclassification of tax effects stranded in accumulated other comprehensive income to retained earnings as a result of the Tax Act. The standard also requires entities to disclose whether or not they elected to reclassify the tax effects related to the Tax Act as well as their policy for releasing income tax effects from accumulated other comprehensive income. The standard allows the option of applying either a retrospective adoption, meaning the standard is applied to all periods in which the effect of the Tax Act is recognized, or applying the amendments in the period of adoption, meaning an adjustment is made to stockholders' equity as of the beginning of the reporting period. ASU 2018-02 will be effective in the first quarter of 2019; however, early adoption is permitted for interim and annual periods, including the reporting period in which the Tax Act was enacted. Although we continue to evaluate the impact of ASU 2018-02 on the Condensed Consolidated Financial Statements, we currently expect to decrease accumulated deficit and increase accumulated other comprehensive loss by approximately \$22.0 million when the standard is adopted.

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(in millions, except per share data, unless otherwise indicated)

In January 2018, the FASB released guidance on the accounting for tax on the global intangible low-taxed income ("GILTI") provisions in the Tax Act. The GILTI provisions impose a tax on foreign income in excess of a deemed return on tangible assets of foreign corporations. The guidance indicates that either accounting for deferred taxes related to GILTI inclusions or treating any taxes on GILTI inclusions as period costs are both acceptable methods subject to an accounting policy election. We have not yet completed our assessment and therefore have not yet elected an accounting policy.

In February 2016, the FASB issued ASU No. 2016-02 "Leases (Topic 842)" which requires lessees to record most leases on the balance sheet but recognize expense on the income statement in a manner similar to current accounting. For lessors, ASU 2016-02 also modifies the classification criteria and the accounting for sales-type and direct financing leases. In July 2018, the FASB issued ASU No. 2018-10 "Codification Improvements to Topic 842, Leases" ("ASU 2018-10"), which clarified the application of the leases standard. The amendments in ASU 2018-10 address the rate implicit in the lease, impairment of the net investment in the lease, lessee reassessment of lease classification, lessor reassessment of lease term and purchase options, variable payments that depend on an index or rate and certain transition adjustments. Topic 842 requires a modified retrospective approach for leases that exist or are entered into after the beginning of the earliest comparative period in the financial statements and is effective in the first quarter of 2019. Early adoption of ASU 2016-02 is permitted; however, we plan to adopt the standard in the first quarter of 2019. We are currently evaluating the impact of ASU 2016-02 on the Condensed Consolidated Financial Statements.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Company Overview

R.R. Donnelley & Sons Company ("RRD," the "Company," "we," "us," and "our"), a Delaware corporation, helps organization communicate more effectively by working to create, manage, produce, distribute and process content on behalf of our clients. We assist clients in developing and executing multichannel communication strategies that engage audiences, reduce costs, drive revenues and increase compliance. Our innovative content management offering, production platform, logistics services, supply chain management, outsourcing capabilities and customized consultative expertise assists our clients in the delivery of integrated messages across multiple media to highly targeted audiences at optimal times to their customers in virtually every private and public sector. We have strategically located operations that provide local service and responsiveness while leveraging the economic, geographic and technological advantages of a global organization.

Segment Descriptions

During the first quarter of 2018, we realigned our reportable segments to reflect changes in our global operating structure and the manner in which the chief operating decision maker assesses information for decision-making purposes. All prior year amounts have been reclassified to conform to our current reporting structure.

Our segments and their product and service offerings are summarized below:

Business Services

Business Services provides customized solutions at scale to help clients inform, service and transact with their customers. The segment's primary product and service offerings include commercial print, logistics, statement printing, labels, packaging, supply chain management, forms and business process outsourcing. This segment also includes all of our operations in Asia, Europe, Canada and Latin America.

Marketing Solutions

Marketing Solutions leverages an integrated portfolio of data analytics, creative services and multichannel execution to deliver comprehensive, end-to-end solutions. The segment's primary product and service offerings include direct mail, in-store marketing, digital print, kitting, fulfillment, digital and creative solutions and list services.

Corporate

Corporate consists of unallocated selling, general and administrative activities and associated expenses including, in part, executive, legal, finance, communications, certain facility costs and last-in-first-out inventory reserve adjustments. In addition, certain costs and earnings of employee benefit plans, such as pension and other postretirement benefits plan ("OPEB") expense (income) and share-based compensation, are included in Corporate and not allocated to the operating segments. Corporate also manages our cash pooling structures, which enables participating international locations to draw on our international cash resources to meet local liquidity needs.

Products and Services

We separately report our net sales, related costs of sales and gross profit for our product and service offerings. Our product offerings primarily consist of commercial print, statements, direct mail, labels, in-store marketing, digital print, packaging, supply chain management, forms and other related products procured through our print management

offering. Our service offerings primarily consist of logistics, business process outsourcing services and digital and creative solutions.

Executive Overview

Second Quarter Overview

Net sales increased by \$59.5 million, or 3.7%, for the three months ended June 30, 2018 compared to the same period in 2017. The second quarter of 2018 included a \$16.6 million increase due to changes in foreign exchange rates, which accounted for 1.0 percentage points of the increase in net sales. The remaining increase in net sales was due to higher volume and fuel surcharges in the Business Services segment, partially offset by price pressure in the Business Services segment.

We continue to assess opportunities to reduce our cost structure and enhance productivity throughout the business. During the three months ended June 30, 2018, we realized cost savings from previous restructuring activities including the reorganization of administrative and support functions across all segments, as well as facility consolidations.

Net cash used in operating activities for the six months ended June 30, 2018 was \$128.0 million as compared to \$40.9 million for the six months ended June 30, 2017. The decrease in net cash flow from operating activities related primarily to net unfavorable changes in working capital and higher cash taxes.

On July 2, 2018, we sold certain assets and liabilities of our Print Logistics business for \$60.0 million cash, subject to working capital adjustments. Proceeds from the sale were used to reduce borrowings outstanding on our credit facility. See Note 16, Subsequent Event, within the Notes to the Condensed Consolidated Financial Statements for further discussion.

Financial Review

In the financial review that follows, we discuss our consolidated results of operations, financial position, cash flows and certain other information. This discussion should be read in conjunction with our Condensed Consolidated Financial Statements and related notes.

RESULTS OF OPERATIONS FOR THE THREE MONTHS ENDED JUNE 30, 2018 AS COMPARED TO THE THREE MONTHS ENDED JUNE 30, 2017

The following table shows the results of operations for the three months ended June 30, 2018 and 2017:

	Three Mo	onths				
	Ended					
	June 30,					
			\$		%	
	2018	2017	Change	;	Change	;
	(in millio	ns, except p	percentag	ges)	
Products net sales	\$1,265.2	\$1,237.4	\$27.8		2.2	%
Services net sales	414.3	382.6	31.7		8.3	%
Total net sales	1,679.5	1,620.0	59.5		3.7	%
Products cost of sales (exclusive of depreciation and amortization)	1,039.0	995.6	43.4		4.4	%
Services cost of sales (exclusive of depreciation and amortization)	349.9	322.4	27.5		8.5	%
Total cost of sales	1,388.9	1,318.0	70.9		5.4	%
Products gross profit	226.2	241.8	(15.6)	(6.5	%)
Services gross profit	64.4	60.2	4.2		7.0	%
Total gross profit	290.6	302.0	(11.4)	(3.8	%)
Selling, general and administrative expenses (exclusive of depreciation						
and amortization)	208.0	216.3	(8.3)	(3.8	%)
Restructuring and other-net	11.0	3.8	7.2		189.5	%
Depreciation and amortization	46.1	47.5	(1.4)	(2.9	%)
Income from operations	\$25.5	\$34.4	\$ (8.9)	(25.9	%)
Consolidated						

Net sales of products for the three months ended June 30, 2018 increased \$27.8 million, or 2.2%, to \$1,265.2 million versus the same period in 2017. The second quarter of 2018 included a \$15.1 million, or 1.2%, increase due to changes in foreign exchange rates. Net sales of products also increased due to higher volume in packaging and direct mail, partially offset by lower volume in commercial print due to ongoing secular pressure and lower specialty card sales, as well as price pressure.

Net sales from services for the three months ended June 30, 2018 increased \$31.7 million, or 8.3%, to \$414.3 million versus the same period in 2017, including a \$1.5 million, or 0.4%, increase due to changes in foreign exchange rates. Net sales from services increased primarily due to higher volume and increased fuel surcharges in logistics, as well as higher volume in business process outsourcing, partially offset by lower volume in digital and creative solutions and price pressure.

Products cost of sales for the three months ended June 30, 2018 increased \$43.4 million, or 4.4%, to \$1,039.0 million versus the same period in 2017. Products cost of sales increased primarily due to the unfavorable impact from changes in foreign exchange rates, higher volume in packaging and cost inflation, including higher paper costs in Asia, partially offset by lower volume in commercial print, along with cost control initiatives across the organization. As a percentage of net sales, products cost of sales increased 1.6 percentage points for the three months ended June 30, 2018 versus the same period in 2017.

Services cost of sales increased \$27.5 million, or 8.5%, for the three months ended June 30, 2018 versus the same period in 2017, primarily due to higher volume in logistics and business process outsourcing, as well as higher costs of transportation in logistics, partially offset by cost control initiatives. As a percentage of net sales, services cost of sales increased 0.2 percentage points for the three months ended June 30, 2018 versus the same period in 2017.

Products gross profit decreased \$15.6 million to \$226.2 million for the three months ended June 30, 2018 versus the same period in 2017, primarily due to price pressures on sales, the unfavorable impact from changes in foreign exchange rates, cost inflation and an unfavorable mix in commercial print, partially offset by cost control initiatives. Products gross margin decreased from 19.5% to 17.9%.

Services gross profit increased \$4.2 million to \$64.4 million for the three months ended June 30, 2018 versus the same period in 2017, primarily due to increased fuel surcharges in logistics, partially offset by higher costs of transportation in logistics and price pressures. Services gross margin decreased from 15.7% to 15.5%.

Selling, general and administrative expenses decreased \$8.3 million to \$208.0 million for the three months ended June 30, 2018 versus the same period in 2017 reflecting cost control initiatives, partially offset by higher commissions, healthcare costs, performance-based compensation expense and legal expense. As a percentage of net sales, selling, general and administrative expenses decreased from 13.4% to 12.4% for the three months ended June 30, 2018 versus the same period in 2017.

For the three months ended June 30, 2018, net restructuring and other expenses of \$11.0 million increased \$7.2 million versus the same period in 2017. These expenses included \$5.2 million for employee termination costs and \$3.8 million for lease termination and other restructuring charges for the three months ended June 30, 2018. We also recorded \$0.6 million of other charges for multi-employer pension plan withdrawal obligations unrelated to facility closures. The remainder is primarily related to impairment charges. See Note 6, Restructuring and Other, within the Notes to the Condensed Consolidated Financial Statements for further discussion.

Depreciation and amortization decreased \$1.4 million to \$46.1 million for the three months ended June 30, 2018 compared to the same period in 2017 primarily due to lower capital spending in recent years compared to historical levels. Depreciation and amortization included \$6.9 million and \$7.0 million of amortization of other intangible assets related to client relationships, trade names, trademarks, licenses and agreements for the three months ended June 30, 2018 and 2017, respectively.

Income from operations for the three months ended June 30, 2018 was \$25.5 million, a decrease of \$8.9 million, or 25.9%, compared to the three months ended June 30, 2017.

	Three M Ended	Months			
	June 30),			
			\$	%	
	2018	2017	Change	Change	
	(in mill	lions, exc	ept perce	entages)	
Interest expense-net	\$42.0	\$45.5	\$ (3.5) (7.7	%)
Investment and other income-net	(3.6)	(97.3)	(93.7) 96.3	%
Loss on debt extinguishments		13.6	(13.6) nm	

Net interest expense decreased by \$3.5 million for the three months ended June 30, 2018 versus the same period in 2017, primarily due to lower average borrowings and lower average interest rates during three months ended June 30, 2018.

Net investment and other income for the three months ended June 30, 2018 was \$3.6 million and principally comprised of net pension and OPEB income. Net investment and other income for the three months ended June 30, 2017 was \$97.3 million and included a non-cash net realized gain of \$92.4 million on the retained shares of Donnelley

Financial exchanged for certain of our senior notes outstanding and net pension and OPEB income.

Loss on debt extinguishments for the three months ended June 30, 2017 was \$13.6 million which related to premiums paid in connection with the tenders, unamortized debt issuance costs and other expenses associated with the debt-for-equity exchange of senior notes and the repurchase of debentures and senior notes in June 2017. See Note 1, Basis of Presentation, within the Notes to the Condensed Consolidated Financial Statements for further discussion on the debt-for-equity exchange.

Ended June 30,	
\$	
2018 2017 Change % Change	
(in millions, except percentages)	
(Loss) earnings before income taxes \$(12.9) \$72.6 \$(85.5) nm	
Income tax benefit (0.3) (4.1) (3.8) 92.7	%
Effective income tax rate 2.3 % (5.6 %)	

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The effective income tax rate for the three months ended June 30, 2018 was 2.3% and is primarily driven by the inability to recognize a tax benefit on certain losses. The effective income tax rate for the three months ended June 30, 2017 was (5.6%) and reflects the impact of the non-taxable gain on the disposition of the Donnelley Financial retained shares.

Income attributable to noncontrolling interests was \$0.4 million and \$0.2 million for the three months ended June 30, 2018 and 2017, respectively.

Net loss attributable to RRD common stockholders, excluding the impact from non-controlling interests, for the three months ended June 30, 2018 was \$13.0 million, or \$0.18 per diluted share, compared to net income attributable to RRD common stockholders of \$76.5 million, or \$1.09 per diluted share, for the three months ended June 30, 2017.

Information by Segment

Business Services

	Three Months Ended June 30,			
	2018 2017			
	(in millions, except			
	percentages)			
Net sales	\$1,409.0		\$1,348.	7
Income from operations	38.3		43.1	
Operating margin	2.7	%	3.2	%
Restructuring and other-net	6.1		2.9	

Net sales for the Business Services segment for the three months ended June 30, 2018 were \$1,409.0 million, an increase of \$60.3 million, or 4.5%, compared to 2017. The second quarter of 2018 included a \$16.6 million increase due to changes in foreign exchange rates. The remaining increase in net sales was due to higher volume in packaging and logistics as well as increased fuel surcharges in logistics, partially offset by lower volume in commercial print due to ongoing secular pressure, lower specialty card sales and price pressures across the segment. The following table summarizes net sales by products and services in the Business Services segment:

	Three Mo Ended June 30,	nths			
			\$	%	
Products and Services	2018	2017	Change	Change	•
	(in million	ns, except p	percentage	s)	
Commercial print	\$462.7	\$486.2	\$(23.5)	(4.8	%)
Logistics	324.0	294.1	29.9	10.2	%
Packaging	152.9	117.9	35.0	29.7	%
Statements	143.1	140.0	3.1	2.2	%
Labels	119.2	112.1	7.1	6.3	%
Supply chain management	80.9	73.8	7.1	9.6	%
Forms	64.8	71.8	(7.0)	(9.7	%)
Business process outsourcing	61.4	52.8	8.6	16.3	%
Total Business Services	\$1,409.0	\$1,348.7	\$60.3	4.5	%

Business Services segment income from operations decreased \$4.8 million for the three months ended June 30, 2018, primarily due to the unfavorable impact from changes in foreign exchange rates, price pressures, an unfavorable mix in sales and cost inflation, partially offset by cost control initiatives and increased fuel surcharges.

Marketing Solutions

	Three Months				
	Ended				
	June 30,				
	2018 2017				
	(in millions,				
	except				
	percentages)				
Net sales	\$270.5	\$271.3	3		
Income from operations	8.6	7.4			
Operating margin	3.2 %	2.7	%		
Restructuring and other-net	2.0	0.1			

Net sales for the Marketing Solutions segment for the three months ended June 30, 2018 were \$270.5 million, a decrease of \$0.8 million, or 0.3%, compared to 2017. Net sales decreased primarily due to lower volume in digital print and fulfillment and digital and creative solutions as we shift away from traditional pre-media services for non-core market segments, partially offset by higher volume in direct mail. The following table summarizes net sales by products and services in the Marketing Solutions segment:

	Three M Ended June 30					
			\$		%	
Products and Services	2018	2017	Change	;	Change	
	(in milli	ons, exce	ept perce	nta	iges)	
Direct mail	\$134.5	\$121.6	\$ 12.9		10.6	%
Digital print and fulfillment	108.3	115.5	(7.2)	(6.2	%)
Digital and creative solutions	27.7	34.2	(6.5)	(19.0	%)
Total Marketing Solutions	\$270.5	\$271.3	\$ (0.8)	(0.3	%)

Marketing Solutions segment income from operations increased \$1.2 million to \$8.6 million for the three months ended June 30, 2018, primarily due to cost control initiatives, partially offset by lower volume in digital and creative solutions and higher restructuring and impairment charges.

Corporate

Corporate operating expenses during the three months ended June 30, 2018 were \$21.4 million, an increase of \$5.3 million compared to the same period in 2017. The increase was primarily driven by lower allocation recoveries, higher net restructuring and other charges and higher healthcare costs, partially offset by lower bad debt expense and cost control initiatives. The following table summarizes unallocated operating expenses and certain items impacting comparability within the activities presented as Corporate:

	Three	
	Month	s
	Ended	
	June 3	0,
	2018	2017
	(in mil	lions)
Operating expenses	\$21.4	\$16.1
Spinoff-related transaction expenses		1.2
Restructuring and other-net	2.9	0.8

RESULTS OF OPERATIONS FOR THE SIX MONTHS ENDED JUNE 30, 2018 AS COMPARED TO THE SIX MONTHS ENDED JUNE 30, 2017

The following table shows the results of operations for the six months ended June 30, 2018 and 2017:

	June 30,				
			\$	%	
	2018	2017	Change	Change	•
	(in million	ns, except p	ercentage	s)	
Products net sales	\$2,551.8	\$2,508.9	\$42.9	1.7	%
Services net sales	835.5	770.0	65.5	8.5	%
Total net sales	3,387.3	3,278.9	108.4	3.3	%
Products cost of sales (exclusive of depreciation and amortization)	2,090.9	2,003.4	87.5	4.4	%
Services cost of sales (exclusive of depreciation and amortization)	711.1	646.7	64.4	10.0	%
Total cost of sales	2,802.0	2,650.1	151.9	5.7	%
Products gross profit	460.9	505.5	(44.6)	(8.8)	%)
Services gross profit	124.4	123.3	1.1	0.9	%
Total gross profit	585.3	628.8	(43.5)	(6.9	%)
Selling, general and administrative expenses (exclusive of depreciation					
and amortization)	422.6	442.1	(19.5)	(4.4	%)
Restructuring and other-net	11.8	12.9	(1.1)	(8.5	%)
Depreciation and amortization	93.3	96.1	(2.8)	(2.9	%)
Other operating income	(0.1)		(0.1)	nm	
Income from operations	\$57.7	\$77.7	\$(20.0)	(25.7	%)

Consolidated

Net sales of products for the six months ended June 30, 2018 increased \$42.9 million, or 1.7%, to \$2,551.8 million versus the same period in 2017. The six months ended June 30, 2018 included a \$38.6 million, or 1.5%, increase due to changes in foreign exchange rates. Net sales of products also increased due to higher volume in packaging and direct mail, partially offset by lower volume in commercial print due to ongoing secular pressure and lower specialty card sales, as well as price pressure.

Net sales from services for the six months ended June 30, 2018 increased \$65.5 million, or 8.5%, to \$835.5 million versus the same period in 2017, including a \$4.2 million, or 0.5%, increase due to changes in foreign exchange rates. Net sales from services increased primarily due to higher volume and increased fuel surcharges in logistics, as well as higher volume in business process outsourcing, partially offset by lower volume in digital and creative solutions and price pressure.

Products cost of sales for the six months ended June 30, 2018 increased \$87.5 million, or 4.4%, to \$2,090.9 million versus the same period in 2017. Products cost of sales increased primarily due to the unfavorable impact from changes in foreign exchange rates, higher volume in packaging, cost inflation, including higher paper costs in Asia and operational inefficiencies due to volume reductions from two clients, partially offset by lower volume in commercial print, along with cost control initiatives across the organization. As a percentage of net sales, products cost of sales increased 2.0 percentage points for the six months ended June 30, 2018 versus the same period in 2017.

Services cost of sales increased \$64.4 million, or 10.0%, for the six months ended June 30, 2018 versus the same period in 2017, primarily due to higher volume in logistics and business process outsourcing, as well as higher costs of transportation in logistics, partially offset by cost control initiatives. As a percentage of net sales, services cost of sales increased 1.1 percentage points for the six months ended June 30, 2018 versus the same period in 2017.

Products gross profit decreased \$44.6 million to \$460.9 million for the six months ended June 30, 2018 versus the same period in 2017, primarily due to price pressures, the unfavorable impact from changes in foreign exchange rates, cost inflation, including higher paper costs and an unfavorable mix in commercial print, partially offset by cost control initiatives. Products gross margin decreased from 20.1% to 18.1%.

Services gross profit increased \$1.1 million to \$124.4 million for the six months ended June 30, 2018 versus the same period in 2017, primarily due to increased fuel surcharges in logistics, offset by higher costs of transportation in logistics and price pressures. Services gross margin decreased from 16.0% to 14.9%.

Selling, general and administrative expenses decreased \$19.5 million to \$422.6 million for the six months ended June 30, 2018 versus the same period in 2017 reflecting cost control initiatives, partially offset by higher bad debt expense in 2018, which included an \$8.3 million charge due to a client-related bankruptcy, higher healthcare costs and higher performance-based compensation expense. As a percentage of net sales, selling, general and administrative expenses decreased from 13.5% to 12.5% for the six months ended June 30, 2018 versus the same period in 2017.

For the six months ended June 30, 2018, net restructuring and other expenses of \$11.8 million decreased \$1.1 million versus the same period in 2017. These expenses included \$8.4 million for employee termination costs and \$5.4 million for lease termination and other restructuring charges for the six months ended June 30, 2018. We also recorded \$1.2 million of other charges for multi-employer pension plan withdrawal obligations unrelated to facility closures. The remainder is primarily related to a gain on the sale of previously impaired assets, offset by impairment charges related to facility closures. See Note 6, Restructuring and Other, within the Notes to the Condensed Consolidated Financial Statements for further discussion.

Depreciation and amortization decreased \$2.8 million to \$93.3 million for the six months ended June 30, 2018 compared to the same period in 2017 primarily due to lower capital spending in recent years compared to historical levels. Depreciation and amortization included \$13.9 million and \$14.5 million of amortization of other intangible assets related to client relationships, trade names, trademarks, licenses and agreements for the six months ended June 30, 3018 and 2017, respectively.

Income from operations for the six months ended June 30, 2018 was \$57.7 million, a decrease of \$20.0 million, or 25.7%, compared to the six months ended June 30, 2017.

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	Six Months							
	Ended							
	June 30,							
			\$		%			
	2018	2017	Change Change		Change			
	(in millions, except percentages)							
Interest expense-net	\$83.7	\$93.8	\$ (10.1)	(10.8	%)		
Investment and other income-net	(9.2)	(52.7)	(43.5)	82.5	%		
Loss on debt extinguishments	0.1	13.6	(13.5)	(99.3	%)		

Net interest expense decreased by \$10.1 million for the six months ended June 30, 2018 versus the same period in 2017, primarily due to lower average borrowings and lower average interest rates during six months ended June 30, 2018.

Net investment and other income for the six months ended June 30, 2018 was \$9.2 million and principally comprised of net pension and OPEB income. Net investment and other income for the six months ended June 30, 2017 was \$52.7 million and included a non-cash net realized gain of \$92.4 million on the retained shares of Donnelley Financial exchanged for certain of our senior notes outstanding, a gain of \$1.3 million resulting from the sale of certain of our affordable housing investments and net pension and OPEB income, partially offset by a net realized loss of \$51.6 million resulting from the sale of our retained shares of LSC.

Loss on debt extinguishments for the three months ended June 30, 2017 was \$13.6 million which related to premiums paid in connection with the tenders, unamortized debt issuance costs and other expenses associated with the debt-for-equity exchange of senior notes and the repurchase of debentures and senior notes in June 2017. See Note 1, Basis of Presentation, within the Notes to the Condensed Consolidated Financial Statements for further discussion on the debt-for-equity exchange.

	Six Month Ended June 30,	IS				
			\$			
	2018	2017	Change	% Change		
	(in millions, except percentages)					
(Loss) earnings before income taxes	\$(16.9)	\$23.0	\$ (39.9) nm		
Income tax expense (benefit)	5.0	(3.9)	(8.9) nm		
Effective income tax rate	(29.6%)	(17.0%)				

The effective income tax rate for the six months ended June 30, 2018 was (29.6%) and is primarily driven by the inability to recognize a tax benefit on certain losses. The effective income tax rate for the six months ended June 30, 2017 was (17.0%) and reflects the impact on the net gain on disposition of investments. The Donnelley Financial retained shares were disposed in a non-taxable debt-for-equity exchange. The sale of the LSC retained shares generated a capital loss which will be carried forward; however, it was determined at the time of the sale that the benefit of such deferred tax asset will not be fully realized and a valuation allowance was recorded.

Income attributable to noncontrolling interests was \$0.7 million and \$0.5 million for the six months ended June 30, 2018 and 2017, respectively.

Net loss attributable to RRD common stockholders, excluding the impact from non-controlling interests, for the six months ended June 30, 2018 was \$22.6 million, or \$0.32 per diluted share, compared to net income attributable to

RRD common stockholders of \$26.4 million, or \$0.38 per diluted share, for the six months ended June 30, 2017.

Information by Segment

Business Services

Six Months Ended June 30, 2018 2017