

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, DC 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, 2017**
Commission File Number: **1-1063**

Dana Incorporated

(Exact name of registrant as specified in its charter)

Delaware

(State of incorporation)

26-1531856

(IRS Employer Identification Number)

3939 Technology Drive, Maumee, OH

(Address of principal executive offices)

43537

(Zip Code)

Registrant's telephone number, including area code: **(419) 887-3000**

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

Indicate by check mark whether the registrant has submitted electronically 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, 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. (Check one):

Large accelerated filer

Non-accelerated filer

Smaller reporting company

Accelerated filer

(Do not check if a 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

APPLICABLE ONLY TO CORPORATE ISSUERS:

There were 144,683,448 shares of the registrant's common stock outstanding at July 21, 2017.

**DANA INCORPORATED – FORM 10-Q
FOR THE QUARTERLY PERIOD ENDED JUNE 30, 2017**

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PART I – FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

Dana Incorporated
Consolidated Statement of Operations (Unaudited)
(In millions, except per share amounts)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Net sales	\$ 1,840	\$ 1,546	\$ 3,541	\$ 2,995
Costs and expenses				
Cost of sales	1,564	1,313	3,002	2,563
Selling, general and administrative expenses	133	106	254	204
Amortization of intangibles	3	2	5	4
Restructuring charges, net	10	5	12	6
Other income (expense), net		5	(9)	3
Income before interest and income taxes	130	125	259	221
Loss on extinguishment of debt	(6)	(17)	(6)	(17)
Interest income	2	2	5	5
Interest expense	27	30	54	57
Income before income taxes	99	80	204	152
Income tax expense	31	29	61	53
Equity in earnings of affiliates	5	4	10	4
Net income	73	55	153	103
Less: Noncontrolling interests net income	5	2	10	5
Less: Redeemable noncontrolling interests net loss	(3)		(3)	
Net income attributable to the parent company	\$ 71	\$ 53	\$ 146	\$ 98
Net income per share available to common stockholders				
Basic	\$ 0.48	\$ 0.36	\$ 1.00	\$ 0.66
Diluted	\$ 0.47	\$ 0.36	\$ 0.99	\$ 0.66
Weighted-average common shares outstanding				
Basic	144.8	146.6	144.7	148.0
Diluted	146.2	147.0	146.1	148.4
Cash dividends declared per share	\$ 0.06	\$ 0.06	\$ 0.12	\$ 0.12

The accompanying notes are an integral part of the consolidated financial statements.

Dana Incorporated
Consolidated Statement of Comprehensive Income (Unaudited)
(In millions)

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Net income	\$ 73	\$ 55	\$ 153	\$ 103
Other comprehensive income (loss), net of tax:				
Currency translation adjustments	(31)	(24)	(1)	6
Hedging gains and losses	5	(13)	1	(10)
Investment and other gains and losses		1		3
Defined benefit plans	5	6	10	13
Other comprehensive income (loss)	(21)	(30)	10	12
Total comprehensive income	52	25	163	115
Less: Comprehensive income attributable to noncontrolling interests	(6)	(2)	(13)	(6)
Less: Comprehensive loss attributable to redeemable noncontrolling interests			1	
Comprehensive income attributable to the parent company	<u>\$ 46</u>	<u>\$ 23</u>	<u>\$ 151</u>	<u>\$ 109</u>

The accompanying notes are an integral part of the consolidated financial statements.

Dana Incorporated
Consolidated Balance Sheet (Unaudited)
(In millions, except share and per share amounts)

	June 30, 2017	December 31, 2016
Assets		
Current assets		
Cash and cash equivalents	\$ 568	\$ 707
Marketable securities	36	30
Accounts receivable		
Trade, less allowance for doubtful accounts of \$8 in 2017 and \$6 in 2016	1,061	721
Other	165	110
Inventories		
Raw materials	404	321
Work in process and finished goods	448	317
Other current assets	93	78
Total current assets	2,775	2,284
Goodwill	136	90
Intangibles	180	109
Deferred tax assets	577	588
Other noncurrent assets	65	226
Investments in affiliates	156	150
Property, plant and equipment, net	1,708	1,413
Total assets	\$ 5,597	\$ 4,860
Liabilities and equity		
Current liabilities		
Notes payable, including current portion of long-term debt	\$ 31	\$ 69
Accounts payable	1,116	819
Accrued payroll and employee benefits	180	149
Taxes on income	35	15
Other accrued liabilities	225	201
Total current liabilities	1,587	1,253
Long-term debt, less debt issuance costs of \$25 in 2017 and \$21 in 2016	1,841	1,595
Pension and postretirement obligations	579	565
Other noncurrent liabilities	318	205
Total liabilities	4,325	3,618
Commitments and contingencies (Note 14)		
Redeemable noncontrolling interests	46	
Parent company stockholders' equity		
Preferred stock, 50,000,000 shares authorized, \$0.01 par value, no shares outstanding	—	—
Common stock, 450,000,000 shares authorized, \$0.01 par value, 144,656,276 and 143,938,280 shares outstanding	2	2
Additional paid-in capital	2,339	2,327
Retained earnings	143	195
Treasury stock, at cost (6,965,195 and 6,812,784 shares)	(86)	(83)
Accumulated other comprehensive loss	(1,279)	(1,284)
Total parent company stockholders' equity	1,119	1,157
Noncontrolling interests	107	85
Total equity	1,226	1,242
Total liabilities and equity	\$ 5,597	\$ 4,860

The accompanying notes are an integral part of the consolidated financial statements.

Dana Incorporated
Consolidated Statement of Cash Flows (Unaudited)
(In millions)

	Six Months Ended June 30,	
	2017	2016
Operating activities		
Net income	\$ 153	\$ 103
Depreciation	104	84
Amortization of intangibles	6	4
Amortization of deferred financing charges	3	2
Call premium on debt	5	12
Write-off of deferred financing costs	1	5
Earnings of affiliates, net of dividends received	(2)	3
Stock compensation expense	10	7
Deferred income taxes	5	5
Pension contributions, net	(3)	(9)
Gain on sale of subsidiary	(3)	
Change in working capital	(104)	(83)
Other, net	5	7
Net cash provided by operating activities	180	140
Investing activities		
Purchases of property, plant and equipment	(169)	(130)
Acquisition of businesses, net of cash acquired	(184)	(18)
Purchases of marketable securities	(17)	(25)
Proceeds from sales of marketable securities	1	4
Proceeds from maturities of marketable securities	13	22
Proceeds from sale of subsidiary	3	
Other	1	(3)
Net cash used in investing activities	(352)	(150)
Financing activities		
Net change in short-term debt	(79)	12
Proceeds from long-term debt	400	441
Repayment of long-term debt	(288)	(376)
Call premium on debt	(5)	(12)
Deferred financing payments	(6)	(10)
Dividends paid to common stockholders	(17)	(18)
Distributions to noncontrolling interests	(3)	(3)
Repurchases of common stock		(81)
Other	1	
Net cash provided by (used in) financing activities	3	(47)
Net decrease in cash and cash equivalents	(169)	(57)
Cash and cash equivalents – beginning of period	707	791
Effect of exchange rate changes on cash balances	30	11
Cash and cash equivalents – end of period	\$ 568	\$ 745
Non-cash investing activity		
Purchases of property, plant and equipment held in accounts payable	\$ 113	\$ 64

The accompanying notes are an integral part of the consolidated financial statements.

Dana Incorporated
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Notes to Consolidated Financial Statements (Unaudited)
(In millions, except share and per share amounts)

Note 1. Organization and Summary of Significant Accounting Policies

General

Dana Incorporated (Dana) is headquartered in Maumee, Ohio and was incorporated in Delaware in 2007. As a global provider of high technology driveline (axles, driveshafts and transmissions), sealing and thermal-management products our customer base includes virtually every major vehicle manufacturer in the global light vehicle, medium/heavy vehicle and off-highway markets.

The terms "Dana," "we," "our" and "us," when used in this report, are references to Dana. These references include the subsidiaries of Dana unless otherwise indicated or the context requires otherwise.

Summary of significant accounting policies

Basis of presentation — Our consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States (GAAP) for interim financial information. These statements are unaudited, but in the opinion of management include all adjustments (consisting only of normal recurring adjustments) necessary for a fair statement of the results for the interim periods. The results reported in these consolidated financial statements should not necessarily be taken as indicative of results that may be expected for the entire year. The financial information included herein should be read in conjunction with the consolidated financial statements in Item 8 of our 2016 Form 10-K.

We have added the subtotal "Income before interest and income taxes" to our consolidated statement of operations. Interest income, interest expense and loss on extinguishment of debt are presented below the new subtotal but above the subtotal "Income before income taxes." Interest income was previously included in Other income (expense), net. Prior year amounts have been reclassified to conform to the 2017 presentation.

In the third quarter of 2016, we identified an error attributable to our second quarter 2016 calculation of cash used for purchases of property, plant and equipment. While the error had no impact on the total net cash flows presented for the period it did result in a misclassification between net cash provided by operating activities and net cash used in investing activities. Purchases of property, plant and equipment previously presented for the six months ended June 30, 2016 have been reduced by \$18 to reflect the correction with a corresponding offset to the change in working capital.

Recently adopted accounting pronouncements

In October 2016, the Financial Accounting Standards Board (FASB) issued *Accounting Standard Update (ASU) 2016-16, Income Taxes – Intra-Entity Transfers of Assets Other Than Inventory*, guidance that simplifies the accounting for the income tax consequences of intra-entity transfers of assets other than inventory. GAAP had prohibited the recognition in earnings of current and deferred income taxes for an intra-entity transfer until the asset was sold to an outside party or recovered through use. This amendment simplifies the accounting by requiring entities to recognize the income tax consequences of an intra-entity transfer of an asset other than inventory when the transfer occurs. The new guidance, which requires modified retrospective application, becomes effective January 1, 2018 with early adoption permitted in 2017 prior to the issuance of interim financial statements. We adopted this guidance effective January 1, 2017. The adoption of the new guidance resulted in a decrease in Other current assets of \$10, a decrease in Other noncurrent assets of \$169 and a decrease in Retained earnings at January 1, 2017 of \$179.

We also adopted the following standards during the first half of 2017, none of which had a material impact on our financial statements or financial statement disclosures:

	Standard	Effective Date
2016-07	Investments – Equity Method and Joint Ventures – Simplifying the Transition to the Equity Method of Accounting	January 1, 2017
2016-06	Derivatives and Hedging – Contingent Put and Call Options in Debt Instruments	January 1, 2017
2016-05	Derivatives and Hedging – Effect of Derivative Contract Novations on Existing Hedge Accounting Relationships	January 1, 2017
2015-11	Inventory – Simplifying the Measurement of Inventory	January 1, 2017

Recently issued accounting pronouncements

In May 2017, the FASB issued *ASU 2017-09, Stock Compensation – Scope of Modification Accounting*, guidance that clarifies that all changes to share-based payment awards are not necessarily accounted for as a modification. Under the new guidance, modification accounting is required only if the fair value, the vesting conditions, or the classification of the award changes as a result of the change in terms or conditions. This guidance is effective prospectively beginning January 1, 2018. Early adoption is permitted. This guidance will apply to any future modifications. We do not expect this guidance to have a material impact on our consolidated financial statements.

In March 2017, the FASB issued *ASU 2017-07, Retirement Benefits – Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost*, guidance that requires entities to present the service cost component of net periodic pension cost and net periodic postretirement benefit cost in the income statement line items where they report compensation cost. Entities will present all other components of net benefit cost outside operating income, if this subtotal is presented. The rules related to the timing of when costs are recognized or how they are measured have not changed. This amendment only impacts where those costs are reflected within the income statement. In addition, only the service cost component will be eligible for capitalization in inventory and other assets. This guidance becomes effective January 1, 2018. Early adoption is permitted. We do not expect this guidance to have a material impact on our consolidated financial statements in the near term as the service components and related net periodic benefit costs are not significantly different.

In January 2017, the FASB issued *ASU 2017-04, Goodwill – Simplifying the Test for Goodwill Impairment*, guidance that simplifies how an entity is required to test goodwill for impairment by eliminating Step 2 of the goodwill impairment test. The new guidance quantifies goodwill impairment as the amount by which the carrying amount of a reporting unit, including goodwill, exceeds its fair value, with the impairment loss limited to the total amount of goodwill allocated to that reporting unit. This guidance becomes effective for us January 1, 2020 and will be applied on a prospective basis. Early adoption is permitted for impairment tests performed after January 1, 2017. We do not expect the adoption of this guidance to impact our consolidated financial statements.

In January 2017, the FASB issued *ASU 2017-01, Business Combinations – Clarifying the Definition of a Business*, guidance that revises the definition of a business. The definition of a business affects many areas of accounting, including acquisitions, disposals, goodwill impairment and consolidation. When substantially all of the fair value of gross assets acquired is concentrated in a single asset (or a group of similar assets), the asset acquired would not represent a business. To be considered a business, an acquisition would have to include an input and a substantive process that together significantly contribute to the ability to create outputs. The new guidance provides a framework to evaluate when an input and a substantive process are present. This guidance becomes effective January 1, 2018. Early adoption is permitted.

In November 2016, the FASB released *ASU 2016-18, Statement of Cash Flows – Restricted Cash*, guidance that addresses the diversity in practice in the classification and presentation of changes in restricted cash on the statement of cash flows. Amounts generally described as restricted cash and restricted cash equivalents should be included with cash and cash equivalents when reconciling the beginning-of-period and end-of-period total amounts shown on the statement of cash flows. This guidance becomes effective January 1, 2018 and must be applied on a retrospective basis. This guidance is not expected to have a material impact on our consolidated statement of cash flows.

In August 2016, the FASB released *ASU 2016-15, Statement of Cash Flows – Classification of Certain Cash Receipts and Cash Payments*, guidance intended to reduce diversity in practice in how certain cash receipts and cash payments are classified in the statement of cash flows. This guidance becomes effective January 1, 2018 and must be applied on a retrospective basis. This guidance is not expected to have a material impact on our consolidated statement of cash flows.

In June 2016, the FASB issued *ASU 2016-13, Credit Losses – Measurement of Credit Losses on Financial Instruments*, new guidance for the accounting for credit losses on certain financial instruments. This guidance introduces a new approach to estimating credit losses on certain types of financial instruments and modifies the impairment model for available-for-sale debt

securities. This guidance, which becomes effective January 1, 2020, is not expected to have a material impact on our consolidated financial statements.

In February 2016, the FASB issued *ASU 2016-02, Leases*, its new lease accounting standard. The primary focus of the standard is on the accounting by lessees. This standard requires lessees to recognize a right-of-use asset and a lease liability for virtually all leases (other than leases that meet the definition of a short-term lease) on the balance sheet. The recognition, measurement and presentation of expenses and cash flows arising from a lease by a lessee have not significantly changed from current GAAP. Operating leases will result in straight-line expense while finance leases will result in a front-loaded expense pattern in the income statement. Quantitative and qualitative disclosures are required to provide insight into the extent of revenue and expense recognized and expected to be recognized from leasing arrangements. Approximately three-fourths of our global lease portfolio represents leases of real estate, including manufacturing, assembly and office facilities, while the remainder represents leases of personal property, including manufacturing, material handling and IT equipment. Many factors will impact the ultimate measurement of the lease obligation to be recognized upon adoption, including our assessment of the likelihood of renewal of leases that provide such an option. We continue to evaluate the impact this guidance will have on our consolidated financial statements. This guidance becomes effective January 1, 2019 with early adoption permitted.

In January 2016, the FASB issued *ASU 2016-01, Financial Instruments – Recognition and Measurement of Financial Assets and Financial Liabilities*, an amendment that addresses the recognition, measurement, presentation and disclosure of certain financial instruments. Investments in equity securities currently classified as available-for-sale and carried at fair value, with changes in fair value reported in other comprehensive income (OCI), will be carried at fair value determined on an exit price notion and changes in fair value will be reported in net income. The new guidance also affects the assessment of deferred tax assets related to available-for-sale securities, the accounting for liabilities for which the fair value option is elected and the disclosures of financial assets and financial liabilities in the notes to the financial statements. This guidance, which becomes effective January 1, 2018, is not expected to have a material impact on our consolidated financial statements.

In May 2014, the FASB issued *ASU 2014-09, Revenue – Revenue from Contracts with Customers*, guidance that requires companies to recognize revenue in a manner that depicts the transfer of promised goods or services to customers in amounts that reflect the consideration a company expects to be entitled to in exchange for those goods or services. The new guidance will also require new disclosures about the nature, amount, timing and uncertainty of revenue and cash flows arising from contracts with customers. This guidance will be effective January 1, 2018 for Dana. The guidance allows for either a full retrospective or a modified retrospective transition method. We are in the process of assessing our customer contracts, identifying contractual provisions that may result in a change in the timing or the amount of revenue recognized in comparison with current guidance, as well as assessing the enhanced disclosure requirements of the new guidance. Under current guidance we generally recognize revenue when products are shipped and risk of loss has transferred to the customer. Under the proposed requirements, the customized nature of some of our products and contractual provisions in certain of our customer contracts that provide us with an enforceable right to payment, may require us to recognize revenue prior to the product being shipped to the customer. We are also assessing pricing provisions contained in certain of our customer contracts. Pricing provisions contained in some of our customer contracts represent variable consideration or may provide the customer with a material right, potentially resulting in a different allocation of the transaction price than under current guidance. We continue to evaluate the impact this guidance will have on our financial statements.

Note 2. Acquisitions

USM – Warren — On March 1, 2017, we acquired certain assets and liabilities relating to the Warren, Michigan production unit of U.S. Manufacturing Corporation (USM). The production unit acquired is in the business of manufacturing axle housings, extruded tubular products and machined components for the automotive industry. The acquisition will increase Dana's revenue from light and commercial vehicle manufacturers and will vertically integrate a significant element of Dana's supply chain. It also provides Dana with new lightweight product and process technologies.

USM contributed certain assets and liabilities relating to its Warren, Michigan production unit to Warren Manufacturing LLC (USM – Warren), a newly created legal entity, and Dana acquired all of the company units of USM – Warren. The company units were acquired by Dana free and clear of any liens. We paid \$104 at closing, including \$25 to effectively settle trade payable obligations originating from product purchases Dana made from USM prior to the acquisition, and have recorded a receivable of \$1 to reflect purchase price adjustments determined under the terms of the agreement. The acquisition has been accounted for as a business combination. The purchase consideration and the preliminary allocation to the acquisition date fair values of the assets acquired are presented in the following table:

Total purchase consideration	\$ 78
Accounts receivable - Trade	17
Inventories	9
Other current assets	4
Goodwill	4
Intangibles	33
Property, plant and equipment	50
Accounts payable	(35)
Accrued payroll and employee benefits	(3)
Other accrued liabilities	(1)
Total purchase consideration allocation	\$ 78

The purchase consideration and fair value of the assets acquired and liabilities assumed are preliminary and could be revised as a result of adjustments made to the purchase price, additional information obtained regarding liabilities assumed and revisions of provisional estimates of fair values, including but not limited to, the completion of independent appraisals and valuations related to property, plant and equipment and intangibles.

Goodwill recognized in this transaction is primarily attributable to synergies expected to arise after the acquisition and the assembled workforce and is deductible for tax purposes. Intangibles includes \$30 allocated to customer relationships and \$3 allocated to developed technology. We used the relief from royalty method, an income approach, to value developed technology. We used the multi-period excess earnings method, an income approach, to value customer relationships. We used a replacement cost method to value fixed assets. The developed technology and customer relationship intangible assets are being amortized on a straight-line basis over eighteen and eleven years, respectively, and property, plant and equipment is being depreciated on a straight-line basis over useful lives ranging from one to twelve years.

The results of operations of the business are reported in our Light Vehicle operating segment from the date of acquisition. As a result of the acquisition, we incurred transaction related expenses totaling \$4, which were charged to Other income (expense), net. The pro forma effects of this acquisition would not materially impact our reported results for any period presented, and as a result no pro forma financial statements are presented. During the first half of 2017, the business contributed sales of \$41 and net income of \$3.

BFP and BPT — On February 1, 2017, we acquired 80% ownership interests in Brevini Fluid Power S.p.A. (BFP) and Brevini Power Transmission S.p.A. (BPT) from Brevini Group S.p.A. (Brevini). The acquisition expands our Off-Highway operating segment product portfolio to include technologies for tracked vehicles, doubling our addressable market for off-highway driveline systems and establishing Dana as the only off-highway solutions provider that can manage the power to both move the equipment and perform its critical work functions. This acquisition also brings a platform of technologies that can be leveraged in our light and commercial-vehicle end markets, helping to accelerate our hybridization and electrification initiatives.

We paid \$181 at closing, using cash on hand, and refinanced a significant portion of the debt assumed in the transaction during the first half of 2017. The purchase price is subject to adjustment upon determination of the net indebtedness and net working capital levels of BFP and BPT as of the closing date. The terms of the agreement provide Dana the right to call half of Brevini's noncontrolling interests in BFP and BPT, and Brevini the right to put half of its noncontrolling interests in BFP and BPT to Dana, assuming Dana does not exercise its call right, after the 2017 BFP and BPT financial statements have been approved by the board of directors. Further, Dana has the right to call Brevini's remaining noncontrolling interests in BFP and BPT, and Brevini the right to put its remaining noncontrolling interests in BFP and BPT to Dana, assuming Dana does not exercise its call right, after the 2019 BFP and BPT financial statements have been approved by the board of directors. The call and put prices are based on the amount Dana paid to acquire its initial 80% interest in BFP and BPT subject to adjustment based on the actual EBITDA and free cash flows, as defined in the agreement, of BFP and BPT. In connection with the acquisition of BFP and BPT, Dana agreed to purchase certain real estate currently being leased by BPT from a Brevini affiliate for €25 in the event that sale to a third party has not occurred by November 1, 2017.

Total purchase consideration	\$	181
Cash and cash equivalents	\$	75
Accounts receivable - Trade		74
Accounts receivable - Other		17
Inventories		137
Other current assets		6
Goodwill		32
Intangibles		41
Deferred tax assets		1
Other noncurrent assets		4
Property, plant and equipment		146
Notes payable, including current portion of long-term debt		(131)
Accounts payable		(51)
Accrued payroll and employee benefits		(14)
Other accrued liabilities		(19)
Long-term debt		(51)
Pension and postretirement obligations		(12)
Other noncurrent liabilities		(15)
Redeemable noncontrolling interest		(45)
Noncontrolling interests		(14)
Total purchase consideration allocation	\$	181

The purchase consideration and fair value of the assets acquired and liabilities assumed are preliminary and could be revised as a result of adjustments made to the purchase price, additional information obtained regarding liabilities assumed and revisions of provisional estimates of fair values, including but not limited to, the completion of independent appraisals and valuations related to property, plant and equipment and intangibles.

Goodwill recognized in this transaction is primarily attributable to synergies expected to arise after the acquisition and the assembled workforce, is not deductible for tax purposes and will be assigned to and evaluated for impairment at the operating segment level. Intangibles includes \$29 allocated to customer relationships and \$12 allocated to trademarks and trade names. We used the multi-period excess earnings method, an income approach, to value the customer relationships. We used the relief from royalty method, an income approach, to value customer trademarks and trade names. We used a replacement cost method to value fixed assets. We used a discounted cash flow approach to value the redeemable noncontrolling interests, inclusive of the put and call provisions. We used both discounted cash flow and cost approaches to value the noncontrolling interests. The customer relationships and trademarks and trade names intangible assets are being amortized on a straight-line basis over seventeen years, and property, plant and equipment is being depreciated on a straight-line basis over useful lives ranging from three to fifteen years.

The results of operations of the businesses are reported in our Off-Highway operating segment from the date of acquisition. As a result of the acquisition, we incurred transaction related expenses totaling \$7, which were charged to Other income (expense), net. The pro forma effects of this acquisition would not materially impact our reported results for any period presented, and as a result no pro forma financial statements are presented. During the first half of 2017, the businesses contributed sales of \$179 and a net loss of \$13, inclusive of a restructuring charge recorded in the second quarter of 2017. See Note 5 for more information.

SIFCO — On December 23, 2016, we acquired strategic assets of SIFCO S.A.'s (SIFCO) commercial vehicle steer axle systems and related forged components businesses. The acquisition enables us to enhance our vertically integrated supply chain, which will further improve our cost structure and customer satisfaction by leveraging SIFCO's extensive experience and knowledge of sophisticated forged components. In addition to strengthening our position as a central source for products that use forged and machined parts throughout the region, this acquisition enables us to better accommodate the local content requirements of our customers, which reduces their import and other region-specific costs.

SIFCO contributed the strategic assets to SJT Forjaria Ltda., a newly created legal entity, and Dana acquired all of the issued and outstanding quotas of SJT Forjaria Ltda. The strategic assets were acquired by Dana free and clear of any liens, claims or encumbrances. The acquisition was funded using cash on hand and has been accounted for as a business combination.

The purchase consideration and the related allocation to the acquisition date fair values of the assets acquired are presented in the following table:

Purchase price, cash consideration	\$	60
Purchase price, deferred consideration		10
Total purchase consideration	<u>\$</u>	<u>70</u>
Accounts receivable - Trade	\$	1
Accounts receivable - Other		1
Inventories		10
Goodwill		7
Intangibles		3
Property, plant and equipment		59
Accounts payable		(2)
Accrued payroll and employee benefits		(9)
Total purchase consideration allocation	<u>\$</u>	<u>70</u>

The purchase consideration and fair value of the assets acquired and liabilities assumed are preliminary and could be revised as a result of adjustments made to the purchase price, additional information obtained regarding liabilities assumed and revisions of provisional estimates of fair values, including but not limited to, the completion of independent appraisals and valuations related to property, plant and equipment and intangibles. The deferred consideration, less any claims for indemnification made by Dana, is to be paid on December 23, 2017.

Goodwill recognized in this transaction is primarily attributable to synergies expected to arise after the acquisition and the assembled workforce and is deductible for tax purposes. Intangibles includes \$2 allocated to developed technology and \$1 allocated to trade names. We used the relief from royalty method, an income approach, to value developed technology and trade names. We used a replacement cost method to value fixed assets. The developed technology and trade name intangible assets are being amortized on a straight-line basis over seven and five years respectively, and property, plant and equipment is being depreciated on a straight-line basis over useful lives ranging from three to ten years.

The results of operations of the business are reported in our Commercial Vehicle operating segment from the date of acquisition. As a result of the acquisition, we incurred transaction related expenses totaling \$5 during 2016, which were charged to Other income (expense), net. The pro forma effects of this acquisition would not materially impact our reported results for any period presented, and as a result no pro forma financial statements are presented.

Magnum — On January 29, 2016, we acquired the aftermarket distribution business of Magnum® Gaskets (Magnum), a U.S.-based supplier of gaskets and sealing products for automotive and commercial-vehicle applications, for a purchase price of \$18 at closing and additional cash payments of up to \$2 contingent upon the achievement of certain sales metrics over a future two-year period. As of the closing date of the acquisition, the contingent consideration was assigned a fair value of approximately \$1. Assets acquired included trademarks and trade names, customer relationships and goodwill. The results of operations of Magnum are reported within our Power Technologies operating segment. We acquired Magnum using cash on hand. The pro forma effects of this acquisition would not materially impact our reported results for any period presented, and as a result no pro forma financial statements are presented.

Note 3. Disposal Groups

Divestiture of Dana Companies — On December 30, 2016, we completed the divestiture of Dana Companies, LLC (DCLLC), a consolidated wholly-owned limited liability company that was established as part of our reorganization in 2008 to hold and manage personal injury asbestos claims retained by the reorganized Dana Corporation which was merged into DCLLC. DCLLC had net assets of \$165 at the time of sale including cash and cash equivalents, marketable securities and rights to insurance coverage in place to satisfy a significant portion of its liabilities. We received cash proceeds of \$88 – \$29 net of cash divested – with \$3 retained by the purchaser subject to the satisfaction of certain future conditions that we expect will be achieved in 2017. We recognized a pre-tax loss of \$77 in 2016 upon completion of the transaction. During the second quarter of 2017 the conditions associated with the retained purchase price were satisfied. Dana received the remaining proceeds and recognized \$3 of income in Other income (expense), net. Following completion of the sale, Dana has no obligation with respect to current or future asbestos claims.

Divestiture of Nippon Reinz — On November 30, 2016, we sold our 53.7% interest in Nippon Reinz Co. Ltd. (Nippon Reinz) to Nichias Corporation. Dana received net cash proceeds of \$5 and recognized a pre-tax loss of \$3 on the divestiture of Nippon Reinz, inclusive of the \$12 gain on derecognition of the noncontrolling interest. Nippon Reinz had sales of \$42 in 2016 through the transaction date.

Note 4. Goodwill and Other Intangible Assets

Goodwill — The change in the carrying amount of goodwill in 2017 is primarily due to currency fluctuation and the acquisitions of USM – Warren and 80% interests in BFP and BPT. See Note 2 for additional information.

Changes in the carrying amount of goodwill by segment —

	Light Vehicle	Commercial Vehicle	Off-Highway	Power Technologies	Total
Balance, December 31, 2016	\$ —	6	\$ 78	\$ 6	\$ 90
Acquisitions	4		39		43
Purchase accounting adjustments		1	(7)		(6)
Currency impact			9		9
Balance, June 30, 2017	\$ 4	\$ 7	\$ 119	\$ 6	\$ 136

Components of other intangible assets —

	Weighted Average Useful Life (years)	June 30, 2017			December 31, 2016		
		Gross Carrying Amount	Accumulated Impairment and Amortization	Net Carrying Amount	Gross Carrying Amount	Accumulated Impairment and Amortization	Net Carrying Amount
Amortizable intangible assets							
Core technology	7	\$ 94	\$ (86)	\$ 8	\$ 88	\$ (83)	\$ 5
Trademarks and trade names	15	19	(3)	16	6	(2)	4
Customer relationships	8	461	(390)	71	389	(374)	15
Non-amortizable intangible assets							
Trademarks and trade names		65		65	65		65
Used in research and development activities		20		20	20		20
		\$ 659	\$ (479)	\$ 180	\$ 568	\$ (459)	\$ 109

The net carrying amounts of intangible assets, other than goodwill, attributable to each of our operating segments at June 30, 2017 were as follows: Light Vehicle — \$54, Commercial Vehicle — \$36, Off-Highway — \$78 and Power Technologies — \$12.

Amortization expense related to amortizable intangible assets —

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Charged to cost of sales	\$ —	\$ —	\$ 1	\$ —
Charged to amortization of intangibles	3	2	5	4
Total amortization	\$ 3	\$ 2	\$ 6	\$ 4

The following table provides the estimated aggregate pre-tax amortization expense related to intangible assets for each of the next five years based on June 30, 2017 exchange rates. Actual amounts may differ from these estimates due to such factors as currency translation, customer turnover, impairments, additional intangible asset acquisitions and other events.

	Remainder of 2017	2018	2019	2020	2021
Amortization expense	\$ 7	\$ 9	\$ 7	\$ 7	\$ 7

Note 5. Restructuring of Operations

Our restructuring activities have historically included rationalizing our operating footprint by consolidating facilities, positioning operations in lower cost locations and reducing overhead costs. In recent years, however, in response to lower demand and other market conditions in certain businesses, our focus has primarily been headcount reduction initiatives to reduce operating costs. Restructuring expense includes costs associated with current and previously announced actions and is comprised of contractual and noncontractual separation costs and exit costs, including costs associated with lease continuation obligations and certain operating costs of facilities that we are in the process of closing.

During the second quarter of 2017, we approved plans to implement certain headcount reduction initiatives in our Off-Highway business as part of the BPT and BFP acquisition integration which resulted in restructuring expense of \$8, primarily for severance and benefit costs. In each of this year's first and second quarters, we recognized restructuring expense of \$2 primarily for exit costs associated with continued execution of previously announced actions.

During the second quarter of 2016, we announced closure of our Commercial Vehicle manufacturing facility in Glasgow, Kentucky. Including costs associated with this closure and other previously announced initiatives, restructuring expense during the second quarter of 2016 was \$4 of severance and benefits costs and \$1 of exit costs. Restructuring expense of \$1 in last year's first quarter also primarily represented continuing exit costs associated with previously announced actions.

Accrued restructuring costs and activity, including noncurrent portion —

	Employee Termination Benefits	Exit Costs	Total
Balance at March 31, 2017	\$ 20	\$ 6	\$ 26
Charges to restructuring	8	2	10
Cash payments	(3)	(2)	(5)
Currency impact	1		1
Balance at June 30, 2017	\$ 26	\$ 6	\$ 32
Balance at December 31, 2016	\$ 32	\$ 6	\$ 38
Charges to restructuring	8	4	12
Cash payments	(15)	(4)	(19)
Currency impact	1		1
Balance at June 30, 2017	\$ 26	\$ 6	\$ 32

At June 30, 2017, the accrued employee termination benefits include costs to reduce approximately 400 employees to be completed over the next year. The exit costs relate primarily to lease continuation obligations.

Cost to complete — The following table provides project-to-date and estimated future restructuring expenses for completion of our approved restructuring initiatives for our business segments at June 30, 2017.

	Expense Recognized			Future Cost to Complete
	Prior to 2017	2017	Total to Date	
Light Vehicle	\$ 10	\$ 1	\$ 11	\$ 1
Commercial Vehicle	41	3	44	13
Off-Highway	6	8	14	
Total	\$ 57	\$ 12	\$ 69	\$ 14

The future cost to complete includes estimated separation costs, primarily those associated with one-time benefit programs, and exit costs through 2021, including lease continuation costs, equipment transfers and other costs which are required to be recognized as closures are finalized or as incurred during the closure.

Note 6. Stockholders' Equity

Common stock — Our Board of Directors declared quarterly cash dividends of six cents per share of common stock in the first and second quarters of 2017. Dividends accrue on restricted stock units (RSUs) granted under our stock compensation program and will be paid in cash or additional units when the underlying units vest.

Share repurchase program — Our Board of Directors approved a common stock share repurchase program up to \$1,700 on January 11, 2016. The program expires on December 31, 2017. Approximately \$219 remained available under the program for future share repurchases as of June 30, 2017.

Changes in equity —

Three Months Ended June 30,	2017			2016		
	Attributable to Parent	Attributable to Non-controlling Interests	Total Equity	Attributable to Parent	Attributable to Non-controlling Interests	Total Equity
Balance, March 31	\$ 1,078	\$ 105	\$ 1,183	\$ 778	\$ 106	\$ 884
Net income	71	5	76	53	2	55
Other comprehensive income (loss)	(25)	1	(24)	(30)		(30)
Common stock dividends	(8)		(8)	(9)		(9)
Redeemable noncontrolling interests adjustment to redemption value	(2)		(2)			—
Distributions to noncontrolling interests		(4)	(4)		(13)	(13)
Common stock share repurchases			—	(53)		(53)
Stock compensation	5		5	4		4
Balance, June 30	\$ 1,119	\$ 107	\$ 1,226	\$ 743	\$ 95	\$ 838
Six Months Ended June 30,						
Balance, December 31	\$ 1,157	\$ 85	\$ 1,242	\$ 728	\$ 103	\$ 831
Adoption of ASU 2016-16 tax adjustment, January 1, 2017	(179)		(179)			—
Net income	146	10	156	98	5	103
Other comprehensive income	5	3	8	11	1	12
Common stock dividends	(17)		(17)	(18)		(18)
Redeemable noncontrolling interests adjustment to redemption value	(2)		(2)			—
Distributions to noncontrolling interests		(5)	(5)		(14)	(14)
Common stock share repurchases			—	(81)		(81)
Increase from business combination		14	14			—
Stock compensation	12		12	6		6
Stock withheld for employee taxes	(3)		(3)	(1)		(1)
Balance, June 30	\$ 1,119	\$ 107	\$ 1,226	\$ 743	\$ 95	\$ 838

See Note 1 for additional information about adoption of new accounting guidance on January 1, 2017.

Changes in each component of accumulated other comprehensive income (AOCI) of the parent —

	Parent Company Stockholders				
	Foreign Currency Translation	Hedging	Investments	Defined Benefit Plans	Total
Balance, March 31, 2017	\$ (617)	\$ (38)	\$ —	\$ (599)	\$ (1,254)
Other comprehensive income (loss):					
Currency translation adjustments	(32)				(32)
Holding loss on net investment hedge	(3)				(3)
Holding gains and losses		(63)			(63)
Reclassification of amount to net income (a)		68			68
Reclassification adjustment for net actuarial losses included in net periodic benefit cost (b)				7	7
Tax expense				(2)	(2)
Other comprehensive income (loss)	(35)	5	—	5	(25)
Balance, June 30, 2017	\$ (652)	\$ (33)	\$ —	\$ (594)	\$ (1,279)
Balance, March 31, 2016	\$ (579)	\$ (1)	\$ 4	\$ (557)	\$ (1,133)
Other comprehensive income (loss):					
Currency translation adjustments	(24)				(24)
Holding gains and losses		(14)	1		(13)
Reclassification of amount to net income (a)		1			1
Reclassification adjustment for net actuarial losses included in net periodic benefit cost (b)				6	6
Other comprehensive income (loss)	(24)	(13)	1	6	(30)
Balance, June 30, 2016	\$ (603)	\$ (14)	\$ 5	\$ (551)	\$ (1,163)
Balance, December 31, 2016	\$ (646)	\$ (34)	\$ —	\$ (604)	\$ (1,284)
Other comprehensive income (loss):					
Currency translation adjustments	2				2
Holding loss on net investment hedge	(8)				(8)
Holding gains and losses		(75)			(75)
Reclassification of amount to net income (a)		74			74
Reclassification adjustment for net actuarial losses included in net periodic benefit cost (b)				15	15
Tax (expense) benefit		2		(5)	(3)
Other comprehensive income (loss)	(6)	1	—	10	5
Balance, June 30, 2017	\$ (652)	\$ (33)	\$ —	\$ (594)	\$ (1,279)
Balance, December 31, 2015	\$ (608)	\$ (4)	\$ 2	\$ (564)	\$ (1,174)
Other comprehensive income (loss):					
Currency translation adjustments	5				5
Holding gains and losses		(13)	3		(10)
Reclassification of amount to net income (a)		3			3
Reclassification adjustment for net actuarial losses included in net periodic benefit cost (b)				13	13
Other comprehensive income (loss)	5	(10)	3	13	11
Balance, June 30, 2016	\$ (603)	\$ (14)	\$ 5	\$ (551)	\$ (1,163)

(a) Foreign currency contract and investment reclassifications are included in Other income (expense), net.

(b) See Note 10 for additional details.

Note 7. Redeemable Noncontrolling Interests

In connection with the acquisition of a controlling interest in Brevini Fluid Power S.p.A. (BFP) and Brevini Power Transmission S.p.A. (BPT) from Brevini Group S.p.A. (Brevini) on February 1, 2017, we recognized \$45 for Brevini's 20% redeemable noncontrolling interests. The terms of the agreement provide Dana the right to call Brevini's noncontrolling interests in BFP and BPT, and Brevini the right to put its noncontrolling interests in BFP and BPT to Dana, assuming Dana does not exercise its call rights, at dates and prices defined in the agreement. The call and put prices are based on the amount Dana paid to acquire its initial ownership interest in BFP and BPT subject to adjustment based on the actual EBITDA and free cash flows, as defined in the agreement, of BFP and BPT. See Note 2 for additional information.

Redeemable noncontrolling interests reflected as of the balance sheet date are the greater of the redeemable noncontrolling interest balances adjusted for comprehensive income items and distributions or the redemption values (i.e., the "floor"). Redeemable noncontrolling interest adjustments of redemption value to the floor are recorded in retained earnings and included as an adjustment to net income available to parent company stockholders in the calculation of earnings per share. During the second quarter of 2017 there was a \$2 adjustment to reflect a redemption value in excess of carrying value. See Note 8.

Reconciliation of changes in redeemable noncontrolling interests —

June 30, 2017	Three Months Ended	Six Months Ended
Balance, beginning of period	\$ 44	\$ —
Initial fair value of redeemable noncontrolling interests of acquired business		45
Comprehensive income (loss) adjustments:		
Net income (loss) attributable to redeemable noncontrolling interests	(3)	(3)
Other comprehensive income (loss) attributable to redeemable noncontrolling interests	3	2
Retained earnings adjustments:		
Adjustment to redemption value	2	2
Balance, June 30	<u>\$ 46</u>	<u>\$ 46</u>

Note 8. Earnings per Share

Reconciliation of the numerators and denominators of the earnings per share calculations —

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Net income attributable to the parent company	\$ 71	\$ 53	\$ 146	\$ 98
Less: Redeemable noncontrolling interests adjustment to redemption value	(2)		(2)	
Net income available to common stockholders - Numerator basic and diluted	<u>\$ 69</u>	<u>\$ 53</u>	<u>\$ 144</u>	<u>\$ 98</u>
Denominator:				
Weighted-average shares outstanding - Basic	144.8	146.6	144.7	148.0
Employee compensation-related shares, including stock options	1.4	0.4	1.4	0.4
Weighted-average shares outstanding - Diluted	<u>146.2</u>	<u>147.0</u>	<u>146.1</u>	<u>148.4</u>

The share count for diluted earnings per share is computed on the basis of the weighted-average number of common shares outstanding plus the effects of dilutive common stock equivalents (CSEs) outstanding during the period. We excluded 0.3 million and 2.1 million CSEs from the calculations of diluted earnings per share for the second quarters of 2017 and 2016 and excluded 0.2 million and 2.1 million CSEs for the year-to-date periods of 2017 and 2016 as the effect of including them would have been anti-dilutive.

Note 9. Stock Compensation

The Compensation Committee of our Board of Directors approved the grant of RSUs and performance share units (PSUs) shown in the table below during 2017.

	Granted (In millions)	Grant Date Fair Value*
RSUs	0.7	\$ 19.51
PSUs	0.3	\$ 18.63

* Weighted-average per share

We calculated the fair value of the RSUs at grant date based on the closing market price of our common stock at the date of grant. The number of PSUs that ultimately vest is contingent on achieving specified return on invested capital targets and specified margin targets, with an even distribution between the two targets. We estimated the fair value of the PSUs at grant date based on the closing market price of our common stock at the date of grant adjusted for the value of assumed dividends over the period because the awards are not dividend protected.

We received \$5 of cash from the exercise of stock options related to 0.4 million shares. We paid \$2 of cash to settle SARs and RSUs and issued 0.5 million shares of common stock based on the vesting of RSUs during 2017. We recognized stock compensation expense of \$6 and \$5 during the second quarters of 2017 and 2016 and \$10 and \$7 during the first half of 2017 and 2016. At June 30, 2017, the total unrecognized compensation cost related to the nonvested awards granted and expected to vest was \$32. This cost is expected to be recognized over a weighted-average period of 2.0 years.

Note 10. Pension and Postretirement Benefit Plans

We have a number of defined contribution and defined benefit, qualified and nonqualified, pension plans covering eligible employees. Other postretirement benefits (OPEB), including medical and life insurance, are provided for certain employees upon retirement.

Components of net periodic benefit cost (credit) —

Three Months Ended June 30,	Pension				OPEB - Non-U.S.	
	2017		2016		2017	2016
	U.S.	Non-U.S.	U.S.	Non-U.S.		
Interest cost	\$ 13	\$ 2	\$ 13	\$ 2	\$ 1	\$ 1
Expected return on plan assets	(21)	(1)	(23)			
Service cost		2		1		
Other				1		
Amortization of net actuarial loss	6	1	5	1		
Net periodic benefit cost (credit)	<u>\$ (2)</u>	<u>\$ 4</u>	<u>\$ (5)</u>	<u>\$ 5</u>	<u>\$ 1</u>	<u>\$ 1</u>
Six Months Ended June 30,						
Interest cost	\$ 26	\$ 4	\$ 26	\$ 4	\$ 2	\$ 2
Expected return on plan assets	(42)	(2)	(46)	(1)		
Service cost		3		2		
Other				1		
Amortization of net actuarial loss	12	3	10	3		
Net periodic benefit cost (credit)	<u>\$ (4)</u>	<u>\$ 8</u>	<u>\$ (10)</u>	<u>\$ 9</u>	<u>\$ 2</u>	<u>\$ 2</u>

Pension expense for 2017 increased versus the same period in 2016 as a result of a lower assumed return on plan assets and an increase in amortization of the net actuarial loss in the U.S.

Note 11. Marketable Securities

	June 30, 2017			December 31, 2016		
	Cost	Unrealized Gain (Loss)	Fair Value	Cost	Unrealized Gain (Loss)	Fair Value
U.S. government securities	\$ 3	\$ —	\$ 3	\$ 2	\$ —	\$ 2
Corporate securities	5		5	2		2
Certificates of deposit	23		23	22		22
Other	5		5	4		4
Total marketable securities	\$ 36	\$ —	\$ 36	\$ 30	\$ —	\$ 30

U.S. government securities include bonds issued by government-sponsored agencies and Treasury notes. Corporate securities are primarily debt securities. Other consists of investments in mutual and index funds. U.S. government securities, corporate debt and certificates of deposit maturing in one year or less, after one year through five years and after five years through ten years total \$23, \$5 and \$3 at June 30, 2017.

Note 12. Financing Agreements

Long-term debt at —

	Interest Rate	June 30, 2017		December 31, 2016	
		Principal	Unamortized Debt Issue Costs	Principal	Unamortized Debt Issue Costs
Senior Notes due September 15, 2021	5.375%	\$ 350	\$ (4)	\$ 450	\$ (5)
Senior Notes due September 15, 2023	6.000%	300	(4)	300	(4)
Senior Notes due December 15, 2024	5.500%	425	(5)	425	(6)
Senior Notes due April 15, 2025	5.750% *	400	(6)		
Senior Notes due June 1, 2026	6.500% *	375	(6)	375	(6)
Other indebtedness		21		120	
Total		\$ 1,871	\$ (25)	\$ 1,670	\$ (21)

* In conjunction with the issuance of the April 2025 Notes we entered into 8-year fixed-to-fixed cross-currency swaps which have the effect of economically converting the April 2025 Notes to euro-denominated debt at a fixed rate of 3.850%. See Note 13 for additional information. In conjunction with the issuance of the June 2026 Notes we entered into 10-year fixed-to-fixed cross-currency swaps which have the effect of economically converting the June 2026 Notes to euro-denominated debt at a fixed rate of 5.140%.

Interest on the senior notes is payable semi-annually. Other indebtedness includes borrowings from various financial institutions, capital lease obligations, the unamortized fair value adjustment related to a terminated interest rate swap and the financial liability related to a build-to-suit lease. See Note 13 for additional information on the terminated interest rate swap.

Senior notes — On April 4, 2017, Dana Financing Luxembourg S.à r.l., a wholly-owned subsidiary of Dana, issued \$400 in senior notes (April 2025 Notes) at 5.750%, which are guaranteed by Dana. The April 2025 Notes were issued through a private placement and will not be registered under the U.S. Securities Act of 1933, as amended (the Securities Act). The April 2025 Notes were offered only to qualified institutional buyers in reliance on Rule 144A under the Securities Act and, outside the United States, only to non-U.S. investors in reliance on Regulation S under the Securities Act. The April 2025 Notes rank equally with Dana's other unsecured senior notes. Interest on the notes is payable on April 15 and October 15 of each year, beginning on October 15, 2017. The April 2025 Notes will mature on April 15, 2025. Net proceeds of the offering totaled \$394. Financing costs of \$6 were recorded as deferred costs and are being amortized to interest expense over the life of the April 2025 Notes. The proceeds from the offering were used to repay indebtedness of our BPT and BFP subsidiaries, repay indebtedness of a wholly-owned subsidiary in Brazil, redeem \$100 of our September 2021 Notes and for general corporate purposes. The September 2021 Notes were redeemed on April 4, 2017 at a price equal to 104.031% plus accrued and unpaid interest. The \$6 loss on extinguishment of debt includes the \$4 redemption premium and the \$1 write-off of previously deferred financing costs associated with the September 2021 Notes and the \$1 redemption premium associated with the repayment of indebtedness of a wholly-owned subsidiary in Brazil. In conjunction with the issuance of the April 2025 Notes, we entered into eight-year fixed-to-fixed cross-currency swaps which have the effect of economically converting the April 2025 Notes to euro-denominated debt at a fixed rate of 3.850%. See Note 13 for additional information.

At any time prior to April 15, 2020, we may redeem up to 35% of the aggregate principal amount of the April 2025 Notes in an amount not to exceed the amount of proceeds of one or more equity offerings, at a price equal to 105.750% of the principal amount thereof, plus accrued and unpaid interest, if any, to the redemption date, provided that at least 50% of the original aggregate principal amount of the April 2025 Notes remains outstanding after the redemption.

Prior to April 15, 2020, we may redeem some or all of the April 2025 Notes at a redemption price of 100.000% of the aggregate principal amount thereof, plus accrued and unpaid interest, if any, to the redemption date plus a “make-whole” premium. We have not separated the make-whole premium from the underlying debt instrument to account for it as a derivative instrument as the economic characteristics and the risks of this embedded derivative are clearly and closely related to the economic characteristics and risks of the underlying debt.

We may redeem some or all of the April 2025 Notes at the following redemption prices (expressed as percentages of principal amount), plus accrued and unpaid interest to the redemption date, if redeemed during the 12-month period commencing on April 15 in the years set forth below:

Year	Redemption Price
2020	104.313%
2021	102.875%
2022	101.438%
2023	100.000%
2024	100.000%

On June 23, 2016, we redeemed all of our February 2021 Notes at a price equal to 103.375% plus accrued and unpaid interest. The \$16 loss on extinguishment of debt includes the \$12 redemption premium and the \$4 write-off of previously deferred financing costs associated with the February 2021 Notes.

Revolving facility — On June 9, 2016, we entered into a new \$500 revolving credit facility (the Revolving Facility) which matures on June 9, 2021. The Revolving Facility refinanced and replaced our previous revolving credit facility. In connection with the Revolving Facility, we paid \$3 in deferred financing costs to be amortized to interest expense over the life of the facility. We wrote off \$1 of previously deferred financing costs associated with our prior revolving credit facility to loss on extinguishment of debt. Deferred financing costs on our Revolving Facility are included in Other noncurrent assets.

The Revolving Facility is guaranteed by all of our wholly-owned domestic subsidiaries, subject to certain exceptions, including exceptions for Dana Credit Corporation and its subsidiaries (the guarantors), and grants a first-priority lien on substantially all of the assets of Dana and the guarantors, subject to certain exceptions.

Advances under the Revolving Facility bear interest at a floating rate based on, at our option, the base rate or Eurodollar rate (each as described in the revolving credit agreement) plus a margin as set forth below:

Total Net Leverage Ratio	Margin	
	Base Rate	Eurodollar Rate
Less than or equal to 1.00:1.00	0.50%	1.50%
Greater than 1.00:1.00 but less than or equal to 2.00:1.00	0.75%	1.75%
Greater than 2.00:1.00	1.00%	2.00%

Commitment fees are applied based on the average daily unused portion of the available amounts under the Revolving Facility as set forth below:

Total Net Leverage Ratio	Commitment Fee
Less than or equal to 1.00:1.00	0.250%
Greater than 1.00:1.00 but less than or equal to 2.00:1.00	0.375%
Greater than 2.00:1.00	0.500%

Up to \$275 of the Revolving Facility may be applied to letters of credit, which reduces availability. We pay a fee for issued and undrawn letters of credit in an amount per annum equal to the applicable margin for Eurodollar rate advances based on a

quarterly average availability under issued and undrawn letters of credit under the Revolving Facility and a per annum fronting fee of 0.125%, payable quarterly.

As of June 30, 2017, we had no outstanding borrowings under the Revolving Facility but we had utilized \$23 for letters of credit. We had availability at June 30, 2017 under the Revolving Facility of \$477 after deducting the outstanding letters of credit.

Debt covenants — At June 30, 2017, we were in compliance with the covenants of our financing agreements. Under the Revolving Facility and the senior notes, we are required to comply with certain incurrence-based covenants customary for facilities of these types and, in the case of the Revolving Facility, a maintenance covenant requiring us to maintain a first lien net leverage ratio not to exceed 2.00 to 1.00.

Note 13. Fair Value Measurements and Derivatives

In measuring the fair value of our assets and liabilities, we use market data or assumptions that we believe market participants would use in pricing an asset or liability including assumptions about risk when appropriate. Our valuation techniques include a combination of observable and unobservable inputs.

Fair value measurements on a recurring basis — Assets and liabilities that are carried in our balance sheet at fair value are as follows:

Category	Balance Sheet Location	Fair Value Level	Fair Value	
			June 30, 2017	December 31, 2016
Available-for-sale securities	Marketable securities	1	\$ 5	\$ 4
Available-for-sale securities	Marketable securities	2	31	26
Currency forward contracts				
Cash flow hedges	Accounts receivable other	2	6	2
Cash flow hedges	Other accrued liabilities	2	1	4
Undesignated	Accounts receivable other	2	1	1
Undesignated	Other accrued liabilities	2	1	1
Currency swaps				
Cash flow hedges	Other noncurrent liabilities	2	94	12
Undesignated	Other accrued liabilities	2	1	3

Fair Value Level 1 assets and liabilities reflect quoted prices in active markets. Fair Value Level 2 assets and liabilities reflect the use of significant other observable inputs.

Fair value of financial instruments — The financial instruments that are not carried in our balance sheet at fair value are as follows:

	June 30, 2017		December 31, 2016	
	Carrying Value	Fair Value	Carrying Value	Fair Value
Senior notes	\$ 1,850	\$ 1,931	\$ 1,550	\$ 1,612
Other indebtedness*	21	14	120	101
Total	\$ 1,871	\$ 1,945	\$ 1,670	\$ 1,713

* The carrying value includes the unamortized portion of a fair value adjustment related to a terminated interest rate swap at both dates. The carrying value and fair value also include a financial liability associated with certain build-to-suit lease arrangements at both dates.

The fair value of our senior notes is estimated based upon a market approach (Level 2) while the fair value of our other indebtedness is based upon an income approach (Level 2). See Note 12 for additional information about financing agreements.

Fair value measurements on a nonrecurring basis — Certain assets are measured at fair value on a nonrecurring basis. These are long-lived assets that are subject to fair value adjustments only in certain circumstances. These assets include intangible assets and property, plant and equipment which may be written down to fair value when they are held for sale or as a result of impairment.

Interest rate derivatives — Our portfolio of derivative financial instruments periodically includes interest rate swaps designed to mitigate our interest rate risk. As of June 30, 2017, no fixed-to-floating interest rate swaps remain outstanding. However, a \$7 fair value adjustment to the carrying amount of our December 2024 Notes, associated with a fixed-to-floating interest rate swap that had been executed but was subsequently terminated during 2015, remains deferred at June 30, 2017. This amount is being amortized as a reduction of interest expense through the period ending December 2024, the scheduled maturity date of the December 2024 Notes. The amount amortized as a reduction of interest expense was not material during the quarter or six months ended June 30, 2017.

Foreign currency derivatives — Our foreign currency derivatives include forward contracts associated with forecasted transactions, primarily involving the purchases and sales of inventory through the next eighteen months, as well as currency swaps associated with certain recorded external notes payable and intercompany loans receivable and payable. Periodically, our foreign currency derivatives also include net investment hedges of certain of our investments in foreign operations.

During February 2017, in conjunction with the issuance of an aggregate \$15 of U.S. dollar-denominated short-term notes payable by one of our Brazilian subsidiaries (the "Brazilian Notes"), we executed fixed-to-fixed cross-currency swaps with the same critical terms as the Brazilian Notes. Additionally, in conjunction with the issuance of €281 of euro-denominated intercompany notes payable, issued by certain of our Luxembourg subsidiaries (the "Luxembourg Intercompany Notes") and payable to USD-functional Dana, Inc., we executed fixed-to-fixed cross-currency swaps with the same critical terms as the Luxembourg Intercompany Notes. The risk management objective of these swaps is to eliminate the variability in the functional-currency-equivalent cash flows due to changes in the U.S. dollar / Brazilian real and euro / U.S. dollar exchange rates associated with the forecasted principal and interest payments on the respective underlying instruments.

During March 2017, in conjunction with the planned April 2017 issuance of the \$400 of U.S. dollar-denominated April 2025 Notes by euro-functional Dana Financing Luxembourg S.à r.l., we executed fixed-to-fixed cross-currency swaps with the same critical terms as the April 2025 Notes to eliminate the variability in the functional-currency-equivalent cash flows due to changes in the U.S. dollar / euro exchange rates associated with the forecasted principal and interest payments.

During May 2016, in conjunction with the issuance of the \$375 of U.S. dollar-denominated June 2026 Notes by euro-functional Dana Financing Luxembourg S.à r.l., we executed fixed-to-fixed cross-currency swaps with the same critical terms as the June 2026 Notes to eliminate the variability in the functional-currency-equivalent cash flows due to changes in the U.S. dollar / euro exchange rates associated with the forecasted principal and interest payments.

All of the underlying designated financial instruments, and any subsequent replacement debt, have been designated as the hedged items in each respective cash flow hedge relationship, as shown in the table below. Designated as cash flow hedges of the forecasted principal and interest payments of the underlying designated financial instruments, or subsequent replacement debt, all of the swaps economically convert the underlying designated financial instruments into the functional currency of each respective holder. The impact of the interest rate differential between the inflow and outflow rates on all fixed-to-fixed cross-currency swaps is recognized during each period as a component of interest expense.

The following Fixed-to-Fixed Cross-Currency Swaps were outstanding at June 30, 2017:

Underlying Financial Instrument				Derivative Financial Instrument			
Description	Type	Face Amount	Rate	Designated	Traded Amount	Inflow Rate	Outflow Rate
				Notional Amount			
June 2026 Notes	Payable	\$ 375	6.50%	\$ 375	€ 338	6.50%	5.14%
April 2025 Notes	Payable	\$ 400	5.75%	\$ 400	€ 371	5.75%	3.85%
Brazilian Notes	Payable	\$ 15	3.80%	\$ 15	R\$ 47	3.80%	13.58%
Luxembourg Intercompany Notes	Receivable	€ 281	3.91%	€ 281	\$ 300	6.00%	3.91%

All of the swaps are expected to be highly effective in offsetting the corresponding currency-based changes in cash outflows related to the underlying designated financial instruments. Based on our qualitative assessment that the critical terms of all of the underlying designated financial instruments and all of the associated swaps match and that all other required criteria have been met, we do not expect to incur any ineffectiveness. As effective cash flow hedges, changes in the fair value of the swaps will be recorded in OCI during each period. Additionally, to the extent the swaps remain effective, the appropriate portion of AOCI will be reclassified to earnings each period as an offset to the foreign exchange gain or loss resulting from the remeasurement of the underlying designated financial instruments. See Note 12 for additional information about the June 2026 Notes and the April 2025 Notes.

In the event our ongoing assessment demonstrates that the critical terms of either the swaps or the underlying designated financial instruments have changed, or that there have been adverse developments regarding counterparty risk, we will use the long haul method to assess ineffectiveness of the hedging relationship. To the extent the swaps are no longer effective, changes in their fair values will be recorded in earnings. During the first half of 2017, deferred losses of \$8 associated with all of the fixed-to-fixed cross-currency swaps were recorded in OCI and reflect the net impact of a \$83 unfavorable change in the fair value of the swaps and a \$75 reclassification from AOCI to earnings. The reclassification from AOCI to earnings represents an offset to a foreign exchange remeasurement gain on all of the designated debt instruments outstanding during the six months ended June 30, 2017.

The total notional amount of outstanding foreign currency forward contracts, involving the exchange of various currencies, was \$266 at June 30, 2017 and \$143 at December 31, 2016. The total notional amount of outstanding foreign currency swaps, including but not limited to the fixed-to-fixed cross-currency swaps, was \$1,132 at June 30, 2017 and \$571 at December 31, 2016.

The following currency derivatives were outstanding at June 30, 2017:

Functional Currency	Traded Currency	Notional Amount (U.S. Dollar Equivalent)			Maturity
		Designated as Cash Flow Hedges	Undesignated	Total	
U.S. dollar	Mexican peso, euro	\$ 114		\$ 114	Sep-18
Euro	U.S. dollar, Canadian dollar, Hungarian forint, British pound, Swiss franc, Indian rupee, Russian ruble	24	15	39	Sep-18
British pound	U.S. dollar, Euro	2		2	Aug-18
Swedish krona	Euro	23		23	Aug-18
South African rand	U.S. dollar, Euro, Thai baht		9	9	Dec-17
Thai baht	U.S. dollar, Australian dollar		28	28	Apr-18
Canadian dollar	U.S. dollar		17	17	Aug-18
Brazilian real	Euro		2	2	Mar-18
Indian rupee	U.S. dollar, British pound, Euro		32	32	Dec-18
Total forward contracts		163	103	266	
U.S. dollar	Euro, Canadian dollar	321	20	341	Sep-23
Euro	U.S. dollar	775		775	Jun-26
Brazilian real	U.S. dollar	15		15	Feb-18
South African rand	U.S. dollar		1	1	Sep-17
Total currency swaps		1,111	21	1,132	
Total currency derivatives		\$ 1,274	\$ 124	\$ 1,398	

Cash flow hedges — With respect to contracts designated as cash flow hedges, changes in fair value during the period in which the contracts remain outstanding are reported in OCI to the extent such contracts remain effective. Effectiveness is measured by using regression analysis to determine the degree of correlation between the change in the fair value of the derivative instrument and the change in the associated foreign currency exchange rates. Changes in fair value of contracts not designated as cash flow hedges or as net investment hedges are recognized in Other income (expense), net in the period in which the changes occur. Realized gains and losses from currency-related forward contracts, including those that have been designated as cash flow hedges and those that have not been designated, are recognized in Other income (expense), net.

Net investment hedges — We periodically designate derivative contracts or underlying non-derivative financial instruments as net investment hedges. With respect to contracts designated as net investment hedges, we apply the forward method, but for non-derivative financial instruments designated as net investment hedges, we apply the spot method. Under both methods, we report changes in fair value in the cumulative translation adjustment (CTA) component of OCI during the period in which the contracts remain outstanding to the extent such contracts and non-derivative financial instruments remain effective.

During the first quarter of 2017, we designated the principal amount of an existing non-derivative Mexican peso-denominated intercompany note payable (the "MXN-denominated intercompany note") by Dana European Holdings Luxembourg S.à r.l. to Dana de Mexico Corporacion S. de R.L. de C.V., one of our Mexican subsidiaries, as a net investment hedge of the equivalent portion of the investment in the associated Mexican operations. At June 30, 2017, the principal amount of the MXN-denominated intercompany note is 1,465 Mexican pesos, or approximately \$81.

During the first half of 2017, we recorded a deferred loss of \$8 in the CTA component of OCI associated with the MXN-denominated intercompany note. Amounts recorded in CTA remain deferred in AOCI until such time as the investments in the associated subsidiaries are substantially liquidated. See also Note 6.

Amounts to be reclassified to earnings — Deferred gains or losses associated with effective cash flow hedges of forecasted transactions are reported in AOCI and are reclassified to earnings in the same periods in which the underlying transactions affect earnings. Amounts expected to be reclassified to earnings assume no change in the current hedge relationships or to June 30, 2017 exchange rates. Deferred gains of \$5 at June 30, 2017 are expected to be reclassified to earnings during the next twelve months, compared to deferred losses of \$2 at December 31, 2016. Amounts reclassified from AOCI to earnings arising from the discontinuation of cash flow hedge accounting treatment were not material during the first half of 2017.

Note 14. Commitments and Contingencies

Product liabilities — We had accrued \$9 and \$5 for product liability costs at June 30, 2017 and December 31, 2016. We had also recognized \$9 and \$4 as expected amounts recoverable from third parties at the respective dates. The increases in the liability and recoverable amounts at June 30, 2017 reflect the recognition of an increase in the estimated cost and the recovery of an insured matter. We estimate these liabilities based on assumptions about the value of the claims and about the likelihood of recoveries against us derived from our historical experience and current information.

Environmental liabilities — Accrued environmental liabilities were \$7 at June 30, 2017 and \$8 at December 31, 2016. We consider the most probable method of remediation, current laws and regulations and existing technology in estimating our environmental liabilities.

Guarantee of lease obligations — In connection with the divestiture of our Structural Products business in 2010, leases covering three U.S. facilities were assigned to a U.S. affiliate of Metalsa. Under the terms of the sale agreement, we will guarantee the affiliate's performance under the leases, which run through June 2025, including approximately \$6 of annual payments. In the event of a required payment by Dana as guarantor, we are entitled to pursue full recovery from Metalsa of the amounts paid under the guarantee and to take possession of the leased property.

Other legal matters — We are subject to various pending or threatened legal proceedings arising out of the normal course of business or operations. In view of the inherent difficulty of predicting the outcome of such matters, we cannot state what the eventual outcome of these matters will be. However, based on current knowledge and after consultation with legal counsel, we believe that any liabilities that may result from these proceedings will not have a material adverse effect on our liquidity, financial condition or results of operations.

Note 15. Warranty Obligations

We record a liability for estimated warranty obligations at the dates our products are sold. We record the liability based on our estimate of costs to settle future claims. Adjustments to our estimated costs at time of sale are made as claim experience and other new information becomes available. Obligations for service campaigns and other occurrences are recognized as adjustments to prior estimates when the obligation is probable and can be reasonably estimated.

Changes in warranty liabilities —

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Balance, beginning of period	\$ 73	\$ 59	\$ 66	\$ 56
Acquisitions			8	
Amounts accrued for current period sales	8	6	15	13
Adjustments of prior estimates	2	7	5	12
Settlements of warranty claims	(11)	(8)	(23)	(18)
Currency impact	2	(1)	3	
Balance, end of period	\$ 74	\$ 63	\$ 74	\$ 63

Note 16. Income Taxes

We estimate the effective tax rate expected to be applicable for the full fiscal year and use that rate to provide for income taxes in interim reporting periods. We also recognize the tax impact of certain unusual or infrequently occurring items, including changes in judgment about valuation allowances and effects of changes in tax laws or rates, in the interim period in which they occur.

We have generally not recognized tax benefits on losses generated in several entities where the recent history of operating losses does not allow us to satisfy the “more likely than not” criterion for the recognition of deferred tax assets. Consequently, there is no income tax expense or benefit recognized on the pre-tax income or losses in these jurisdictions as valuation allowances are adjusted to offset the associated tax expense or benefit. We believe that it is reasonably possible that a valuation allowance of up to \$12 related to a subsidiary in Argentina will be released in the next twelve months.

We record interest and penalties related to uncertain tax positions as a component of income tax expense. Net interest expense for the periods presented herein is not significant.

We reported income tax expense related to operations of \$31 and \$29 for the quarters ended June 30, 2017 and 2016 and \$61 and \$53 for the respective six-month periods. Our effective tax rates were 30% and 35% in the first six months of 2017 and 2016. Our effective income tax rates vary from the U.S. federal statutory rate of 35% due to establishment, release and adjustment of valuation allowances in several countries, nondeductible expenses, local tax incentives in several countries outside the U.S., different statutory tax rates outside the U.S. and withholding taxes related to repatriations of international earnings. The \$6 from amortization of the prepaid tax asset recorded in conjunction with the intercompany sale of certain operating assets to a non-U.S. affiliate in 2015 increased the effective rate in the first half of 2016. The adoption of new accounting guidance resulted in the \$179 write-off of that prepaid tax asset at the beginning of 2017. See Note 1 for additional information.

We provide for U.S. federal income and non-U.S. withholding taxes on the earnings of our non-U.S. operations that are not considered to be permanently reinvested. Accordingly, we continue to analyze and adjust the estimated tax impact of the income and non-U.S. withholding tax liabilities based on the amount and source of these earnings. As part of the annual effective tax rate, we recognized net expense of \$2 and \$3 for the quarters ended June 30, 2017 and 2016 and \$4 and \$4 for the respective six-month periods related to future income taxes and non-U.S. withholding taxes on repatriations from operations that are not permanently reinvested. We also paid withholding taxes of \$2 and \$1 for the quarters ended June 30, 2017 and 2016 and \$4 and \$2 for the respective six-month periods related to the actual transfer of funds to the U.S. and transfers of funds between foreign subsidiaries.

Note 17. Other Income (Expense), Net

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Government grants and incentives	\$ 2	\$ 2	\$ 4	\$ 3
Foreign exchange loss	(1)		(3)	(2)
Strategic transaction expenses	(6)	(1)	(17)	(3)
Insurance and other recoveries				1
Amounts attributable to previously divested/closed operations	3		3	
Other, net	2	4	4	4
Other income (expense), net	\$ —	\$ 5	\$ (9)	\$ 3

Foreign exchange gains and losses on cross-currency intercompany loan balances that are not of a long-term investment nature are included above. Foreign exchange gains and losses on intercompany loans that are permanently invested are reported in OCI.

Strategic transaction expenses relate primarily to costs incurred in connection with acquisition and divestiture related activities, including integration costs. The increase in strategic transaction expenses in 2017 is primarily attributable to our acquisitions of BFP and BPT from Brevini and USM – Warren from USM. See Note 2 for additional information.

Amounts attributable to previously divested/closed operations includes the receipt of the remaining proceeds on our December 2016 divestiture of DCLLC. See Note 3 for additional information.

Note 18. Segments

We are a global provider of high-technology products to virtually every major vehicle and engine manufacturer in the world. We also serve the stationary industrial market. Our technologies include drive and motion products (axles, driveshafts, planetary hub drives, power-transmission products, tire-management products, and transmissions); sealing solutions (gaskets, seals, heat shields, and fuel-cell plates); thermal-management technologies (transmission and engine oil cooling, battery and electronics cooling, and exhaust-gas heat recovery); and fluid-power products (pumps, valves, motors, and controls). We serve our global light vehicle, medium/heavy vehicle and off-highway markets through four operating segments – Light Vehicle Driveline Technologies (Light Vehicle), Commercial Vehicle Driveline Technologies (Commercial Vehicle), Off-Highway Drive and Motion Technologies (Off-Highway) and Power Technologies, which is the center of excellence for sealing and thermal-management technologies that span all customers in our on-highway and off-highway markets. These operating segments have global responsibility and accountability for business commercial activities and financial performance.

Dana evaluates the performance of its operating segments based on external sales and segment EBITDA. Segment EBITDA is a primary driver of cash flows from operations and a measure of our ability to maintain and continue to invest in our operations and provide shareholder returns. Our segments are charged for corporate and other shared administrative costs. Segment EBITDA may not be comparable to similarly titled measures reported by other companies.

Segment information —

Three Months Ended June 30,	2017			2016		
	External Sales	Inter-Segment Sales	Segment EBITDA	External Sales	Inter-Segment Sales	Segment EBITDA
Light Vehicle	\$ 803	\$ 34	\$ 93	\$ 669	\$ 32	\$ 71
Commercial Vehicle	357	24	30	349	21	32
Off-Highway	395	12	57	252	8	37
Power Technologies	285	3	41	276	5	43
Eliminations and other		(73)			(66)	
Total	\$ 1,840	\$ —	\$ 221	\$ 1,546	\$ —	\$ 183

Six Months Ended June 30,	2017			2016		
Light Vehicle	\$ 1,564	\$ 63	\$ 182	\$ 1,282	\$ 64	\$ 129
Commercial Vehicle	686	47	58	682	43	58
Off-Highway	723	20	102	493	17	69
Power Technologies	568	7	91	538	8	78
Eliminations and other		(137)			(132)	
Total	\$ 3,541	\$ —	\$ 433	\$ 2,995	\$ —	\$ 334

Reconciliation of segment EBITDA to consolidated net income —

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Segment EBITDA	\$ 221	\$ 183	\$ 433	\$ 334
Corporate expense and other items, net	(4)	(5)	(11)	(8)
Depreciation	(55)	(43)	(104)	(84)
Amortization of intangibles	(3)	(2)	(6)	(4)
Restructuring	(10)	(5)	(12)	(6)
Stock compensation expense	(6)	(5)	(10)	(7)
Strategic transaction expenses	(6)	(1)	(17)	(3)
Acquisition related inventory adjustments	(8)		(14)	
Other items	(2)	1	(3)	(4)
Amounts attributable to previously divested/closed operations	3	2	3	3
Loss on extinguishment of debt	(6)	(17)	(6)	(17)
Interest expense	(27)	(30)	(54)	(57)
Interest income	2	2	5	5
Income before income taxes	99	80	204	152
Income tax expense	31	29	61	53
Equity in earnings of affiliates	5	4	10	4
Net income	\$ 73	\$ 55	\$ 153	\$ 103

Note 19. Equity Affiliates

We have a number of investments in entities that engage in the manufacture of vehicular parts – primarily axles, driveshafts and wheel-end braking systems – supplied to OEMs.

Equity method investments exceeding \$5 at June 30, 2017 —

	Ownership Percentage	Investment
Dongfeng Dana Axle Co., Ltd. (DDAC)	50%	\$ 87
Bendix Spicer Foundation Brake, LLC	20%	50
Axles India Limited	48%	8
All others as a group		9
Investments in equity affiliates		154
Investments in affiliates carried at cost		2
Investments in affiliates		\$ 156

Summarized financial information for DDAC —

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Sales	\$ 210	\$ 160	\$ 400	\$ 280
Gross profit	\$ 27	\$ 22	\$ 51	\$ 32
Income before income taxes	\$ 2	\$ 6	\$ 10	\$ 3
Net income	\$ 1	\$ 4	\$ 8	\$ 2
Dana's equity in earnings of affiliate	\$ —	\$ 2	\$ 3	\$ —

Our equity in earnings of DDAC for the three and six months ended June 30, 2017 was reduced by \$3 due to charges associated with the transfer and conversion of certain assets to the local government.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations (Dollars in millions)

Management's discussion and analysis of financial condition and results of operations should be read in conjunction with the financial statements and accompanying notes in this report.

Forward-Looking Information

Statements in this report (or otherwise made by us or on our behalf) that are not entirely historical constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements can often be identified by words such as "anticipates," "expects," "believes," "intends," "plans," "predicts," "seeks," "estimates," "projects," "outlook," "may," "will," "should," "would," "could," "potential," "continue," "ongoing" and similar expressions, variations or negatives of these words. These statements represent the present expectations of Dana Incorporated and its consolidated subsidiaries (Dana) based on our current information and assumptions. Forward-looking statements are inherently subject to risks and uncertainties. Our plans, actions and actual results could differ materially from our present expectations due to a number of factors, including those discussed below and elsewhere in this report and in our other filings with the Securities and Exchange Commission (SEC). All forward-looking statements speak only as of the date made and we undertake no obligation to publicly update or revise any forward-looking statement to reflect events or circumstances that may arise after the date of this report.

Management Overview

Dana is headquartered in Maumee, Ohio, and was incorporated in Delaware in 2007. We are a global provider of high-technology products to virtually every major vehicle and engine manufacturer in the world. We also serve the stationary industrial market. Our technologies include drive and motion products (axles, driveshafts, planetary hub drives, power-transmission products, tire-management products, and transmissions); sealing solutions (gaskets, seals, heat shields, and fuel-cell plates); thermal-management technologies (transmission and engine oil cooling, battery and electronics cooling, and exhaust-gas heat recovery); and fluid-power products (pumps, valves, motors, and controls). We serve our global light vehicle, medium/heavy vehicle and off-highway markets through four business units – Light Vehicle Driveline Technologies (Light Vehicle), Commercial Vehicle Driveline Technologies (Commercial Vehicle), Off-Highway Drive and Motion Technologies (Off-Highway) and Power Technologies, which is the center of excellence for sealing and thermal-management technologies that span all customers in our on-highway and off-highway markets. We have a diverse customer base and geographic footprint, which minimizes our exposure to individual market and segment declines. At June 30, 2017, we employed approximately 28,600 people, operated in 34 countries and had more than 100 major facilities housing manufacturing and distribution operations, technical and engineering centers and administrative offices.

External sales by operating segment for the periods ended June 30, 2017 and 2016 are as follows:

	Three Months Ended June 30,				Six Months Ended June 30,			
	2017		2016		2017		2016	
	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total	Dollars	% of Total
Light Vehicle	\$ 803	43.6%	\$ 669	43.3%	\$ 1,564	44.2%	\$ 1,282	42.8%
Commercial Vehicle	357	19.4%	349	22.6%	686	19.4%	682	22.8%
Off-Highway	395	21.5%	252	16.3%	723	20.4%	493	16.4%
Power Technologies	285	15.5%	276	17.8%	568	16.0%	538	18.0%
Total	\$ 1,840		\$ 1,546		\$ 3,541		\$ 2,995	

See Note 18 to our consolidated financial statements in Item 1 of Part I for further financial information about our operating segments.

Our internet address is www.dana.com. The inclusion of our website address in this report is an inactive textual reference only and is not intended to include or incorporate by reference the information on our website into this report.

Operational and Strategic Initiatives

In 2016 we outlined our current enterprise strategy which leverages our strong technology foundation and our commitment to continuous improvement. Our strategy places increased focus leveraging resources across the organization, satisfying customer requirements, expanding products and markets and accelerating commercialization of new technology.

Central to our strategy is *leveraging our core operations* by sharing our capabilities, technology, assets and people across the enterprise, leading to improved execution and increased customer satisfaction. Although we have taken significant strides to improve our profitability and margins, particularly through streamlining and rationalizing our manufacturing activities, we believe additional opportunities remain to further improve our cost performance. Leveraging investments across multiple end markets and making disciplined, value enhancing acquisitions, will allow us to bring product to market faster, grow our top-line sales and enhance financial returns.

Strengthening customer centricity and *expanding global markets* are key elements of our strategy that focus on market penetration. Foundational to growing the business is directing the entire organization to putting the customer at the center of our value system and shifting from transactional to relationship-based interactions. These relationships are built on a foundation of providing unparalleled technology with exceptional quality, delivery and value. With even stronger relationships we will be better positioned to support our customers' most important global and flagship programs and capitalize on future growth opportunities.

We continue to enhance and expand our global footprint, optimizing it to capture growth across all of our end markets. Specifically, our manufacturing and technology center footprint positions us to support customers globally – an important factor as many of our customers are increasingly focused on common solutions for global platforms. While growth opportunities are present in each region of the world, we have a primary focus on building our presence and local capability in the Asia Pacific region. Over the last few years, we have opened two new engineering facilities in the region along with new gear manufacturing facilities in India and Thailand. This past quarter, we announced breaking ground on a new facility in China to produce drive units with disconnecting all-wheel-drive technology as part of a new global customer program.

In addition to Asia, we see further growth opportunity in Eastern Europe where we have commenced construction of a new gear manufacturing facility in Hungary. This will be our third facility in the country and will give us the capability to cost effectively manufacture gears, one of our core technologies, and efficiently service our customers within the region.

The final two elements of our enterprise strategy, *commercializing new technology* and *accelerating hybridization and electrification*, focus on opportunities for product expansion. Bringing new innovations to market as industry leading products will drive growth as our new products and technology provide our customers with cutting edge solutions, address end user needs and capitalize on key market trends. An example is our industry leading electronically disconnecting all-wheel drive technology, which we believe is the most fuel efficient rapidly disconnecting system in the market, was recently selected by a major global customer for a significant new global vehicle platform – opening up new commercial channels for us in the passenger car, crossover and sport utility vehicle markets.

Initiatives to capitalize on evolving hybridization and electrification vehicle trends are a core ingredient of the current strategy. In addition to our current technologies in battery cooling and fuel cells, this element of the strategy is leveraging our electronics controls expertise across all our business units and applications such as advanced vehicle hybridization and electrification initiatives. We are working with customers to develop new solutions for those markets where electrification will be adopted first such as hybrids, buses and urban delivery vehicles. These new solutions, which include advanced electric propulsion systems with fully integrated motors and controls, are included in our recently launched Spicer Electrified portfolio of products.

The development and implementation of this enterprise strategy is positioning Dana to grow profitably over the next few years due to increased customer focus as we leverage our core capabilities, expand into new markets, develop and commercialize new technologies including for hybrid and electric vehicles.

Shareholder returns and capital structure actions — When evaluating capital structure initiatives, we balance our growth opportunities and shareholder value initiatives with maintaining a strong balance sheet and access to capital. Our strong financial position has enabled us to simplify our capital structure while providing returns to our shareholders in the form of cash dividends and reduction in the number of shares outstanding. Over the past several years, we returned \$1,481 of cash to shareholders in connection with redemption of all of our preferred stock and repurchase of common shares. From program inception in 2012 through December 31, 2016, we repurchased approximately 74 million shares, inclusive of the common share equivalent reduction resulting from redemption of preferred shares. Remaining share repurchase authorization under the

program approved by our Board of Directors is \$219. We declared and paid quarterly common stock dividends since the first quarter of 2013, raising the dividend from five cents to six cents per share in the second quarter of 2015.

We have taken advantage of the lower interest rate environment to refinance our senior notes at lower rates while extending the maturities. In December 2014 and the first quarter of 2015, we completed the redemption of notes maturing in 2019, replacing them with notes maturing in 2024. During the second quarter of 2016, we redeemed notes maturing in 2021, replacing them with notes maturing in 2026. In April 2017, we completed a \$400 2025 note offering, the proceeds of which were used to extend maturities on nearly \$400 of indebtedness at significantly lower interest rates.

Aftermarket opportunities — We have a global group dedicated to identifying and developing aftermarket growth opportunities that leverage the capabilities within our existing businesses – targeting increased future aftermarket sales. In January 2016, we completed the acquisition of Magnum® Gaskets' (Magnum) aftermarket distribution business which includes the Magnum brand, product portfolio, existing customer contracts and distribution rights. The Magnum brand is the third largest aftermarket sealing brand in the U.S. and Canada, providing us with access to new customers for sealing products and an additional aftermarket channel for other products.

Selective acquisitions — Our acquisition focus is principally directed at “bolt-on” or adjacent acquisition opportunities that have a strategic fit with our existing core businesses, particularly opportunities that support our enterprise strategy and enhance the value proposition of our product offerings. Any potential acquisition will be evaluated in the same manner we currently consider customer program opportunities and other uses of capital – with a disciplined financial approach designed to ensure profitable growth and increased shareholder value.

Acquisitions

BFP and BPT — On February 1, 2017, we acquired 80% ownership interests in Brevini Fluid Power S.p.A. (BFP) and Brevini Power Transmission S.p.A. (BPT) from Brevini Group S.p.A. (Brevini). The acquisition expands our Off-Highway operating segment product portfolio to include technologies for tracked vehicles, doubling our addressable market for off-highway driveline systems and establishing Dana as the only off-highway solutions provider that can manage the power to both move the equipment and perform its critical work functions. This acquisition also brings a platform of technologies that can be leveraged in our light and commercial vehicle end markets, helping to accelerate our hybridization and electrification initiatives. The acquisition is expected to add approximately \$350 of sales and \$35 of adjusted EBITDA in 2017.

We paid \$181 at closing using cash on hand and assumed debt of \$182 as part of the transaction. The purchase price is subject to adjustment upon determination of the net indebtedness and net working capital levels of BFP and BPT as of the closing date. The terms of the agreement provide Dana the right to call Brevini's noncontrolling interests in BFP and BPT, and Brevini the right to put its noncontrolling interests in BFP and BPT to Dana, assuming Dana does not exercise its call rights, at dates and prices defined in the agreement. In connection with the acquisition of BFP and BPT, Dana agreed to purchase certain real estate currently being leased by BPT from a Brevini affiliate for €25 in the event that sale to a third party has not occurred by November 1, 2017. Reference is made to Note 2 of the consolidated financial statements in Item 1 of Part I for the allocation of purchase consideration to assets acquired and liabilities assumed. The results of operations of these businesses are reported within our Off-Highway operating segment.

USM – Warren — On March 1, 2017, we completed the purchase of Warren Manufacturing LLC (USM – Warren), which holds certain assets and liabilities of the former Warren, Michigan production unit of U.S. Manufacturing Corporation (USM). With this transaction, we acquired proprietary tube-manufacturing processes and light-weighting intellectual property for axle tubes and shafts. Significant content was previously purchased from USM. Vertically integrating this content strengthens the supply chain for several of our most strategic customers. The new product and process technologies for light-weighting will assist our customers in achieving their sustainability and fuel efficiency goals. The USM – Warren operation employs approximately 800 people and is expected to contribute approximately \$75 of sales and \$15 of adjusted EBITDA in 2017.

We paid \$104 for this business at closing, including \$25 to effectively settle trade payable obligations originating from product purchases Dana made from USM prior to the acquisition. The purchase price is subject to customary post-closing adjustments for working capital and other items, which we currently estimate will reduce the purchase price by \$1. No debt was assumed with this transaction which was funded using cash on hand. Reference is made to Note 2 of the consolidated financial statements in Item 1 of Part I for the allocation of purchase consideration to assets acquired and liabilities assumed. The results of operations of the USM – Warren business are reported within our Light Vehicle operating segment.

SIFCO — On December 23, 2016, we acquired strategic assets of the commercial vehicle steer axle systems and related forged components businesses of SIFCO. The acquisition enables us to enhance our vertically integrated supply chain, which will

further improve our cost structure and customer satisfaction by leveraging SIFCO's extensive experience and knowledge of sophisticated forged components. In addition to strengthening our position as a central source for products that use forged and machined parts throughout the region, this acquisition enables us to better accommodate the local content requirements of our customers, which reduces their import and other region-specific costs.

As part of the acquisition, we added two manufacturing facilities and approximately 1,400 employees. The strategic assets were acquired by Dana free and clear of any liens, claims or encumbrances and without assumption of any legacy liabilities of SIFCO. We had sales of \$86 in 2016 resulting from business conducted under the previous supply agreement with SIFCO. The additional business relationships obtained as a result of the acquisition are expected to generate incremental sales of approximately \$50 at current production levels.

The SIFCO purchase price was \$70, with the payment of \$10 of the purchase price deferred until December 2017 pending any claims under indemnification provisions of the purchase agreement. Reference is made to Note 2 of the consolidated financial statements in Item 1 of Part I for the allocation of purchase consideration to assets acquired and liabilities assumed. The results of operations of the SIFCO related business are reported within our Commercial Vehicle operating segment.

Magnum — On January 29, 2016, we acquired the aftermarket distribution business of Magnum, a U.S.-based supplier of gaskets and sealing products for automotive and commercial vehicle applications, for a purchase price of \$18 at closing and additional cash payments of up to \$2 contingent upon the achievement of certain sales metrics over a future two-year period. As of the closing date of the acquisition, the contingent consideration was assigned a fair value of approximately \$1. Assets acquired included trademarks and trade names, customer relationships and goodwill. The results of operations of Magnum are reported within our Power Technologies operating segment.

Divestitures

Nippon Reinz — On November 30, 2016, we sold our 53.7% interest in Nippon Reinz Co. Ltd. (Nippon Reinz) to Nichias Corporation. Dana received net cash proceeds of \$5 and recognized a pre-tax loss of \$3 on the divestiture of Nippon Reinz, inclusive of the derecognition of the related noncontrolling interest. Nippon Reinz had sales of \$42 in 2016 through the transaction date.

Dana Companies — On December 30, 2016, we completed the divestiture of Dana Companies, LLC (DCLLC), a consolidated wholly-owned limited liability company that was established as part of our reorganization in 2008 to hold and manage personal injury asbestos claims retained by the reorganized Dana Corporation, which was merged into DCLLC. The assets of DCLLC at time of sale included cash and marketable securities along with the rights to insurance coverage in place to satisfy a significant portion of its liabilities. We received net cash proceeds of \$29 at closing on December 30, 2016, with \$3 retained by the purchaser subject to the satisfaction of certain future conditions. We recognized a pre-tax loss of \$77 in 2016 upon completion of the transaction. We received payment of the retained \$3 in the second quarter of 2017 and recognized such amount as income. Following completion of the sale, Dana has no obligation with respect to current or future asbestos claims. The sale of this business also enhanced our available liquidity since the net proceeds from the sale are available for use in our core businesses.

Trends in Our Markets

Global Vehicle Production (Full Year)

(Units in thousands)	Dana 2017 Outlook		Actual	
			2016	2015
North America				
Light Truck (Full Frame)	4,500	to 4,600	4,457	4,136
Light Vehicle Engines	15,000	to 15,300	15,913	15,474
Medium Truck (Classes 5-7)	235	to 250	233	237
Heavy Truck (Class 8)	220	to 240	228	323
Agricultural Equipment	50	to 60	53	58
Construction/Mining Equipment	150	to 160	150	158
Europe (including Eastern Europe)				
Light Truck	9,900	to 10,100	9,306	8,546
Light Vehicle Engines	23,800	to 24,300	23,287	22,570
Medium/Heavy Truck	460	to 485	463	434
Agricultural Equipment	195	to 210	193	202
Construction/Mining Equipment	295	to 310	290	299
South America				
Light Truck	1,100	to 1,150	980	940
Light Vehicle Engines	2,300	to 2,400	2,112	2,439
Medium/Heavy Truck	75	to 85	70	88
Agricultural Equipment	30	to 35	29	32
Construction/Mining Equipment	10	to 15	10	13
Asia-Pacific				
Light Truck	29,000	to 29,500	27,465	24,160
Light Vehicle Engines	51,000	to 52,000	50,533	47,209
Medium/Heavy Truck	1,700	to 1,800	1,661	1,383
Agricultural Equipment	640	to 670	648	676
Construction/Mining Equipment	400	to 420	396	405

North America

Light vehicle markets — Improving economic conditions during the past few years have contributed to increased light vehicle sales and production levels in North America. Overall economic conditions in North America continue to be relatively favorable with improving employment levels and upward trending consumer confidence. There continues, however, to be considerable uncertainty following the recent transition to new government leadership in the United States, and the potential impact on the economy of future actions initiated by the new administration. The North America light vehicle market has begun to show signs of weakening of demand levels. Strong sales levels the past few years have significantly reduced the built-up demand to replace older vehicles. Increasing interest rates, high levels of consumer debt and declining used car prices are developments that are likely to constrict demand for new vehicles. To date, these effects have been most notable in passenger car sales. Light vehicle sales for the first six months of 2017 decreased about 1% compared to the same period of 2016, driven by a decline in passenger car sales of about 7%. Helped by continued low fuel prices, light truck market demand continued to be relatively strong in this year's first six months, with sales up 4% compared to last year. Many of our programs are focused in the full frame light truck segment. Sales in this segment for the first six months of 2017 were up about 2%. Production levels were reflective of light vehicle sales. Production of approximately 9 million light vehicles in the first half of 2017 was 1% lower than in 2016, with passenger car production down 7% and light truck production 3% higher. Light vehicle engine production was impacted more by the developments in the passenger car segment, ending the first half down 3% from the first six months of last year. In the key full frame light truck segment, first-half 2017 production levels increased about 4% compared to the same period of 2016. Days' supply of total light vehicles in the U.S. at the end of June 2017 was around 74 days, up from 62 days at the end of December 2016 and 66 days at the end of June 2016. In the full frame light truck segment, inventory levels increased to 84 days at the end of June 2017, up from 65 days at the end of December 2016 and 79 days at the end of June 2016.

For the remainder of 2017, we expect a generally solid economic climate in North America. However, with the strength in this market the past couple years, we believe slightly lower production levels are likely. We have reduced our full year 2017 outlook for light vehicle engine production to 15.0 to 15.3 million units which is a decrease of about 4 to 6% compared with 2016. With the full frame light truck segment continuing to show relative strength, we have increased our 2017 production outlook from a range of 4.2 to 4.3 million trucks to 4.5 to 4.6 million trucks, an increase of 1 to 3% from 2016.

Medium/heavy vehicle markets — The commercial vehicle market is similarly impacted by many of the same macroeconomic developments impacting the light vehicle market. Strong production levels in the heavy truck segment in 2014 and first half of 2015 led to more trucks than required for freight demand. As a consequence, production levels in 2016 and 2017 have been scaled back. Class 8 production in the first six months of 2017 is down approximately 16% from first-half 2016 production levels. Demand and production levels in the medium duty segment have been aligned and relatively stable, more commensurate with the relatively slow, steady economic growth in North America. Medium duty Classes 5-7 truck production in this year's first six months was comparable with the first half of 2016.

Class 8 order levels have been improving in recent months, and production levels for the second half of the year are expected to improve sequentially from this year's first six months. Our outlook for full year 2017 Class 8 production has been increased to 220,000 to 240,000 trucks, a level which is down 4% to up 5% compared with the 2016 build level. In the medium duty segment, our outlook is unchanged. We expect full year 2017 medium duty production to be in the range of 235,000 to 250,000 vehicles, comparable to up about 7% from 2016.

Markets Outside of North America

Light vehicle markets — Signs of an improved overall European economy have been evident, albeit mixed at times, during the past few years. Reflective of a modestly improved economy, light vehicle production levels have increased with light vehicle engine production being up about 3% in 2016 after increasing 5% in 2015, and light truck production being higher by 9 to 10% in each of the past two years. Overall market improvement continued in the first six months of 2017 as light vehicle engine production increased about 2% and light truck production was up about 8% compared to the first six months of last year. The United Kingdom's decision to withdraw from the European Union along with political developments in other European countries has cast an element of uncertainty around continued economic improvement in the region. At present, we expect overall stable to improving economic conditions across the entire region in 2017. Our full year 2017 outlook for light vehicle engines is unchanged from April, with production levels expected to be up 2 to 4% over 2016. With light truck demand being somewhat stronger, we have increased our full year 2017 outlook slightly, expecting light truck production for the year to be about 6 to 9% higher than 2016. The economic climate in most South America markets the past few years has been weak, volatile and challenging. After significant production declines in 2014 and 2015, there were signs that demand levels had bottomed out in 2016. Production levels in the first half of 2017 were reflective of an improving market, with light vehicle engine production up about 15% compared to the same period in 2016 and light truck production higher by about 23%. With the improvement during the first half of this year appearing to be sustainable, we have increased our full year outlook. We now expect full year light truck production to be up 12 to 17% and light vehicle engine production to be higher by 9 to 14% compared with 2016. The Asia Pacific markets have been relatively strong the past few years. Light truck production increased 8% in 2015 and was up another 14% in 2016, while light vehicle engine production increased 2% in 2015 and another 7% in 2016. This year's first six months exhibited signs of continuing growth in the region. First half 2017 light vehicle engine build increased 4% and light truck production was higher by 9% when compared with the same period last year. Our full year 2017 outlook for the Asia Pacific light vehicle markets has been raised, with light truck production now expected to be 6 to 7% higher than 2016 and light vehicle engine production expected to be up 1% to 3% from last year.

Medium/heavy vehicle markets — Some of the same factors referenced above that affected light vehicle markets outside of North America similarly affected the medium/heavy markets, albeit with improvements in the medium/heavy truck market being a little slower to manifest. Signs of a strengthening European market emerged in 2015 and 2016 with medium/heavy truck production increasing 9% in 2015 and 7% in 2016. Market strengthening continued in this year's first six months with production increasing by 5% compared with the same period last year. Our full year outlook has been revised upward, reflecting 2017 medium/heavy truck production being flat to up 5% compared to last year. A weakening South America economic climate beginning in 2014 led to medium/heavy truck production declining 47% in 2015 and another 20% in 2016. As with the light vehicle markets, we have begun to see signs of improving economic conditions in the region. First-half 2017 medium/heavy truck production was up 16% from the same period last, and we believe continuing improvement is likely as we move through the rest of 2017. Our full year 2017 outlook is unchanged at 75,000 to 85,000 units, an increase of 7 to 21% from 2016. A stronger than expected China market and an improving India market contributed to an increase in medium/heavy truck production in the Asia Pacific region of about 20% in 2016. Production in this year's first six months was especially strong – up more than 30% from the first half of last year. This year's strong first half was driven in part by impending regulations in China that limit axle load and weight which accelerated buying during the last half of 2016 and into 2017 prior to the new regulations

becoming effective. With production during the second half 2017 expected to be sequentially lower than this year's first six months, full year production is now expected to come in at levels 2 to 8% higher than 2016.

Off-Highway Markets — Our off-highway business has a large presence outside of North America, with approximately 75% of its sales coming from Europe and 15% from South America and Asia Pacific combined. We serve several segments of the diverse off-highway market, including construction, agriculture, mining and material handling. Our largest markets are the construction/mining and agricultural equipment segments which have been relatively weak over the past few years. Global demand in the agriculture market was down about 11% in 2014, 7% in 2015 and 5% in 2016. The construction/mining segment weakened about 4% in 2014, 11% in 2015 and 3% in 2016. During this year's first six months, we have seen generally favorable developments in market demand, particularly in construction and mining. With the exception of the Asia Pacific agriculture market, which has weakened, our production outlooks for the year in the various regions remain unchanged or have strengthened some around the higher end of the ranges.

Foreign Currency and Brexit Effects

Weaker international currencies relative to the U.S. dollar have had a significant impact on our sales and results of operations the past few years. The United Kingdom's decision to exit the European Union ("Brexit") has provided further uncertainty and potential volatility around European currencies, along with uncertain effects of future trade and other cross-border activities of the United Kingdom with the European Union and other countries. With new government leadership in the U.S. assuming control in early 2017, there is added uncertainty around future economic and trade policy and its potential impact on the U.S. dollar relative to other currencies. Approximately 54% of our consolidated sales in the first six months of 2017 were outside the U.S., with euro zone countries, Brazil, Mexico and the United Kingdom accounting for approximately 43%, 8%, 7% and 5% of those non-U.S. sales. The potential impact of future U.S. economic and trade policy led to significant weakening of the Mexican peso against the U.S. dollar following the U.S. presidential election in November 2016. The peso returned to pre-election rates during the second quarter of 2017 but remained below comparable 2016 rates throughout the first half of the year. Although sales in Argentina and South Africa are each less than 5% of our non-U.S. sales, exchange rate movements of those countries have also significantly impacted sales. Translation of our international activities at average exchange rates in 2015 as compared to average rates in 2014 reduced sales by \$516, with \$268 attributable to a weaker euro and \$91 to a weaker Brazil real. In 2016, weaker international currencies reduced sales by another \$173. A weaker Argentine peso, British pound, Mexican peso, South African rand and Brazilian real reduced sales by \$70, \$23, \$19, \$18 and \$11. The euro was relatively stable in 2016. With overall strengthening of international currencies against the U.S. dollar in 2017, the aggregate translation impact on sales has been modest. First-half 2017 sales were adversely impacted by \$16 due to currency translation as compared to the same period in 2016, with a weaker euro, British pound, Mexican peso, Argentine peso and Chinese yuan being partially offset by a stronger Brazilian real and South African rand. Based on our current sales and exchange rate outlook, which includes a somewhat stronger euro than previously forecast, we expect the full year 2017 impact of currency translation on sales to be minimal. Our 2017 outlook is based on an assumed euro/U.S. dollar rate of 1.10, a U.S. dollar/Brazil real rate of 3.4, a British pound/U.S. dollar rate of 1.25 and a U.S. dollar/Mexican peso rate of 19.5. At sales levels in our current outlook for 2017, a 5% movement on the euro would impact our annual sales by approximately \$80. A 5% change on the Brazil real, British pound, Mexican peso, Thailand baht and China yuan rates would impact our annual sales in each of those countries by approximately \$10 to \$20.

Brazil Market

The Brazil market is an important market for our Commercial Vehicle segment, representing about 18% of this segment's first-half 2017 sales. Our medium/heavy truck sales in Brazil account for more than 75% of our total sales in the country. Reduced market demand resulting from the weak economic environment in Brazil in 2015 led to production levels in the light vehicle and medium/heavy duty truck markets that were lower by about 22% and 44% from 2014. Continued weakness in 2016 resulted in further reductions in medium/heavy truck production of about 20% and a light vehicle production decline of around 10%. As a consequence, sales by our operations in Brazil for 2016 approximated \$200, down from about \$500 in 2014. In response to the challenging economic conditions in this country, we implemented restructuring and other cost reduction actions the past two years and continue to trim costs to the extent practicable. As discussed in Note 2 to our consolidated financial statements in Item 1, we completed a transaction in December 2016 that provided us with the underlying assets and personnel supporting our pre-existing business with a supplier along with some incremental business. With this transaction, we have enhanced our competitive position in the market and should benefit significantly in future years as the Brazilian markets rebound. As indicated above, first-half 2017 vehicle production levels in South America were higher than the same period of last year. Brazil was a significant contributor to that performance with light truck production in this year's first half being higher by about 28% and medium/heavy truck production being up about 16%. Although political developments create a degree of uncertainty, the first-half performance is an indication perhaps of the onset of improving market conditions in Brazil.

Commodity Costs

The cost of our products may be significantly impacted by changes in raw material commodity prices, the most important to us being those of various grades of steel, aluminum, copper and brass. The effects of changes in commodity prices are reflected directly in our purchases of commodities and indirectly through our purchases of products such as castings, forgings, bearings and component parts that include commodities. Most of our major customer agreements provide for the sharing of significant commodity price changes with those customers. Where such formal agreements are not present, we have historically been successful implementing price adjustments that largely compensate for the inflationary impact of material costs. Material cost changes will customarily have some impact on our financial results as customer pricing adjustments typically lag commodity price changes.

Our costs in the second quarter and first half of 2017 increased on a year-over-year basis by approximately \$14 and \$19 due to higher commodity costs. In 2016, our second quarter costs increased on a year-over-year basis by approximately \$2 as a result of higher commodity prices but lower overall commodity costs benefited the first six months of 2016 by about \$5. Material recovery and other pricing actions increased second-quarter and first-half 2017 sales by \$2 and \$4 on a year-over-year basis, whereas second-quarter 2016 sales were increased by \$3 and first-half 2016 sales were reduced by \$5.

Sales, Earnings and Cash Flow Outlook

	2017 Outlook	2016	2015
Sales	\$6,800 - \$7,000	\$ 5,826	\$ 6,060
Adjusted EBITDA	\$790 - \$820	\$ 660	\$ 652
Net cash provided by operating activities	\$480 - \$520	\$ 384	\$ 406
Purchases of property, plant and equipment	\$380 - \$420	\$ 322	\$ 260
Free Cash Flow	\$80 - \$120	\$ 62	\$ 146

Adjusted EBITDA and Free Cash Flow are non-GAAP financial measures. See the Non-GAAP Financial Measures discussion below for definitions of our non-GAAP financial measures and reconciliations to the most directly comparable U.S. generally accepted accounting principles (GAAP) measures. We have not provided a reconciliation of our adjusted EBITDA outlook to the most comparable GAAP measure of net income. Providing net income guidance is potentially misleading and not practical given the difficulty of projecting event driven transactional and other non-core operating items that are included in net income, including restructuring actions, asset impairments and income tax valuation adjustments. The accompanying reconciliations of these non-GAAP measures with the most comparable GAAP measures for the historical periods presented are indicative of the reconciliations that will be prepared upon completion of the periods covered by the non-GAAP guidance.

Weaker international currencies relative to the U.S. dollar were the most significant factor reducing our sales in 2016 and 2015 by \$689. Adjusted for currency and divestiture effects, sales in these years were relatively comparable, with new customer programs largely offsetting the impacts of overall weaker end user demand across our global businesses. We experienced uneven end user markets, with some being relatively strong and others somewhat weak, and the conditions across the regions of the world differing quite dramatically. In 2017, the Brevini and USM acquisitions and overall stronger market demand are contributing to higher sales, with our net new business backlog contributing about \$175. As we progressed through this year's second quarter, we obtained further visibility around the expected impacts of increased market demand. We also modified our outlook for currency exchange rates such that currency translation is presently not expected to be a significant year-over-year sales factor. As a result of these updates, we have increased our full year 2017 sales outlook to \$6,800 to \$7,000.

Adjusted EBITDA margin as a percent of sales remained relatively constant at around 11% in 2016 and 2015 despite certain markets being weak and volatile. Where practicable, we have aligned our cost with weaker demand levels in certain markets. We continue to focus on margin improvement through right sizing and rationalizing our manufacturing operations, implementing other cost reduction initiatives and ensuring that customer programs are competitively priced. The operating leverage from increased sales volumes is expected to benefit full year 2017 Adjusted EBITDA margin. At our current sales outlook, we expect full year 2017 Adjusted EBITDA to be in the range of \$790 to \$820, an increase from the high end of our April outlook of \$695 to \$725. Further margin improvement beyond 2017 is anticipated as we expect to see increased end user demand in certain markets, along with continued benefit from additional new business and cost reduction actions.

We have generated positive free cash flow in recent years while increasing capital spending to support organic business growth through launching new business with customers. Free cash flow in 2015 declined from the previous year due to lower earnings and increased capital spend to support new program launches, with lower cash taxes and restructuring payments

providing a partial offset. Reduced free cash flow in 2016 was primarily attributable to our continued success in being awarded significant new customer programs. Although many of the recent program wins are not scheduled to begin production until 2018, these programs required capital investment beginning in 2016. As such, cash used for capital investments in 2016 was \$62 higher than in 2015. An elevated level of capital spending has continued into the current year with an expectation that higher spending for new program launches will dissipate after 2017. Such expenditures are now expected to approximate \$380 to \$420 in 2017, an increase from our prior outlook of \$350 to \$370. The USM transaction resulted in first-quarter 2017 free cash flow being reduced by \$25 as a portion of the cash paid at closing was treated as having effectively settled trade payables owed to USM for product purchases prior to the acquisition. Higher earnings are currently expected to more than offset the increased capital spending and USM trade payable settlement, resulting in a slightly higher full year 2017 free cash flow outlook of \$80 to \$120.

Among our Operational and Strategic Initiatives are increased focus on and investment in product technology – delivering products and technology that are key to bringing solutions to issues of paramount importance to our customers. Our success on this front is measured, in part, by our sales backlog – net new business received that will be launching in the future and adding to our base annual sales. This backlog excludes replacement business and represents incremental sales associated with new programs for which we have received formal customer awards. At December 31, 2016, our sales backlog of net new business for the 2017 through 2019 period was \$750, comparable to our three-year sales backlog at the end of 2015, with new business wins that added sales approximating \$150 being offset by reductions to the backlog to reflect the effects of weaker international currencies relative to the U.S. dollar and reduced demand levels now expected during the three-year period.

Summary Consolidated Results of Operations (Second Quarter, 2017 versus 2016)

	Three Months Ended June 30,				
	2017		2016		Increase/ (Decrease)
	Dollars	% of Net Sales	Dollars	% of Net Sales	
Net sales	\$ 1,840		\$ 1,546		\$ 294
Cost of sales	1,564	85.0%	1,313	84.9%	251
Gross margin	276	15.0%	233	15.1%	43
Selling, general and administrative expenses	133	7.2%	106	6.9%	27
Amortization of intangibles	3		2		1
Restructuring charges, net	10		5		5
Other income, net			5		(5)
Income before interest and income taxes	130		125		5
Loss on extinguishment of debt	(6)		(17)		11
Interest income	2		2		—
Interest expense	27		30		(3)
Income before income taxes	99		80		19
Income tax expense	31		29		2
Equity in earnings of affiliates	5		4		1
Net income	73		55		18
Less: Noncontrolling interests net income	5		2		3
Less: Redeemable noncontrolling interests net loss	(3)				(3)
Net income attributable to the parent company	\$ 71		\$ 53		\$ 18

Sales — The following table shows changes in our sales by geographic region.

	Three Months Ended June 30,			Amount of Change Due To		
	2017	2016	Increase/(Decrease)	Currency Effects	Acquisitions (Divestitures)	Organic Change
North America	\$ 953	\$ 821	\$ 132	\$ (3)	\$ 38	\$ 97
Europe	558	448	110	(9)	81	38
South America	128	91	37		13	24
Asia Pacific	201	186	15	2	7	6
Total	\$ 1,840	\$ 1,546	\$ 294	\$ (10)	\$ 139	\$ 165

Sales in the second quarter of 2017 were \$294 higher than in 2016. Weaker international currencies decreased sales by \$10. The acquisitions of BFP, BPT, SIFCO, and USM – Warren in 2016 and 2017 generated a quarter-over-quarter increase in sales of \$150, with the divestiture of Nippon Reinz resulting in a reduction of \$11. The organic sales increase of \$165 resulted primarily from stronger light truck markets, strengthening global off-highway demand and contributions from new business. Reduced demand levels in the North America commercial vehicle market provided a partial offset.

The North America organic sales increase of 12% was driven principally by stronger production levels on certain of our key light truck programs. Partially offsetting the higher light vehicle demand was a decline in medium/heavy truck production of about 5%.

Excluding currency effects, principally from a weaker euro and British pound, and the increased sales of \$81 attributable to the BFP and BPT acquisitions, second-quarter 2017 sales in Europe were 8% higher than in 2016. Organic sales growth in this year's second quarter benefited primarily from improving demand levels in our off-highway and medium/heavy duty truck markets.

South America sales in the second quarter of 2017 benefited from the SIFCO and BPT acquisitions. Excluding this impact, sales were up 26% from the second quarter of 2016. The organic sales increase in the region was driven largely by stronger production levels, with light truck production up about 20% and medium/heavy truck production higher by 23%.

Asia Pacific sales in this year's second quarter were increased by \$18 with the BPT and BFP acquisitions and reduced by \$11 as a result of the Nippon Reinz divestiture. Excluding these effects and currency translation impacts, the organic sales increase was 3%, primarily due to stronger light vehicle production levels and Off-Highway segment demand.

Cost of sales and gross margin — Cost of sales for the second quarter of 2017 increased \$251, or 19%, when compared to 2016. Similar to the factors affecting sales, the increase was primarily due to higher overall sales volumes and the inclusion of acquired businesses. Cost of sales as a percent of sales in 2017 was 10 basis points higher than in the previous year. Cost of sales attributed to net acquisitions, which included \$8 of the incremental cost assigned to inventory as part of business combination accounting, approximated \$120, or 86.3%, of the sales of those businesses. Excluding the effects of acquisitions and divestitures, cost of sales as a percent of sales was comparable with the prior year at 84.9% of sales. Higher material commodity prices increased year-over-year second-quarter cost of sales by \$14. Increased start-up and launch costs of \$7 also negatively impacted this year's second quarter compared to last year. Offsetting these increased costs were material cost reduction initiatives that generated second-quarter savings of \$13 along with lower warranty expense of \$3 and other net cost reductions.

Gross margin of \$276 for 2017 increased \$43 from 2016. Gross margin as a percent of sales was 15.0% in 2017, 10 basis points lower than in 2016. Acquisitions net of divestitures added \$19 of gross margin. The margin improvement as a percent of sales was driven principally by the cost of sales factors referenced above.

Selling, general and administrative expenses (SG&A) — SG&A expenses in 2017 were \$133 (7.2% of sales) as compared to \$106 (6.9% of sales) in 2016. SG&A attributed to net acquisitions was \$20. Excluding the increase associated with acquisitions and divestitures, SG&A expenses as a percent of sales were 30 basis points lower than the same period of 2016. The year-over-year second-quarter increase of \$7 exclusive of net acquisitions was primarily attributable to increased salary and benefits expenses of \$9, due partly to increased performance-based incentive compensation expense. Partially offsetting this increase was lower selling costs and other discretionary spending of \$2.

Amortization of intangibles — The increase of \$1 in amortization expense was primarily attributable to amortization of the intangibles acquired in the acquisitions completed in late 2016 and the first quarter of 2017.

Restructuring charges — Restructuring charges in the second quarter of 2017 includes \$8 for separation cost attributable to headcount reductions in our Off-Highway segment as part of the BPT and BFP acquisition integration actions. Last year's second quarter charges included \$5 for separation and exit costs relating to the closure of our Glasgow, Kentucky Commercial Vehicle facility. Remaining amounts in both periods relate to previously announced restructuring actions.

Other income, net — The following table shows the major components of Other income, net.

	Three Months Ended June 30,	
	2017	2016
Government grants and incentives	\$ 2	\$ 2
Foreign exchange loss	(1)	
Strategic transaction expenses	(6)	(1)
Amounts attributable to previously divested/closed operations	3	
Other	2	4
Other income, net	\$ —	\$ 5

The higher level of strategic transaction expenses in 2017 is primarily attributable to integration and other costs associated with the Brevini and USM related transactions that closed in the first quarter of 2017. Amounts attributable to previously divested/closed operations includes the receipt of the remaining proceeds on our December 2016 divestiture of DCLLC. See Note 17 to our consolidated financial statements in Item 1 of Part I for additional information.

Loss on extinguishment of debt — As discussed in Note 12 to our consolidated financial statements in Item 1 of Part I, we redeemed \$100 of our September 2021 Notes and repaid certain bank debt in Brazil. We incurred redemption premiums of \$5 in connection with these repayments and wrote-off \$1 of previously deferred financing costs associated with the debt that was extinguished. In last year's second quarter, we redeemed our February 2021 Notes and incurred a redemption premium of \$12. We also restructured our domestic revolving credit facility. In connection with these transactions, we wrote-off \$5 of previously deferred financing costs.

Interest income and interest expense — Interest income was \$2 in both 2017 and 2016. Interest expense was \$27 in 2017 and \$30 in 2016. A lower average interest rate on borrowings was partially offset by higher average debt levels in 2017. Average debt levels were higher in the second quarter of 2017 than in last year's second quarter, in part due to debt of \$182 assumed in connection with the acquisition of BFP and BPT. As discussed in Note 12 to our consolidated financial statements in Item 1 of Part I, during the past year, we completed several financing transactions which in combination with cross-currency swaps effectively resulted in euro-denominated obligations at lower interest rates. Average effective interest rates in the second quarters of 2017 and 2016, inclusive of amortization of debt issuance costs, approximated 5.4% and 6.4%.

Income tax expense — Income tax expense for the second quarter was \$31 in 2017 and \$29 in 2016, resulting in effective tax rates of 31% and 36%. The effective income tax rates vary from the U.S. federal statutory rate of 35% primarily due to valuation allowances in several countries, nondeductible expenses, different statutory rates outside the U.S. and withholding taxes. Jurisdictions with effective tax rates lower than the U.S. tax rate of 35% decreased the overall effective rate in both years. In 2016, jurisdictions with valuation allowances had aggregate pre-tax losses, thereby increasing the effective tax rate. Additionally, tax expense in 2016 included \$3 of amortization of a prepaid tax asset related to an intercompany transaction completed in 2015. As disclosed in Note 1 of the consolidated financial statements in Item 1 of Part I, we adopted new accounting guidance in 2017 which resulted in the prepaid tax asset at the beginning of 2017 being written off directly to retained earnings. Accordingly, there is no amortization expense relating to the prepaid tax asset in 2017.

In countries where our history of operating losses did not allow us to satisfy the “more likely than not” criterion for recognition of deferred tax assets, we have generally recognized no income tax on the pre-tax income or losses as valuation allowance adjustments offset the associated tax effects. Following the release of valuation allowances on our U.S. deferred tax assets in the fourth quarter of 2016, tax effects relating to U.S. income in 2017 are no longer being offset by adjustments to the valuation allowance.

Equity in earnings of affiliates — Net earnings from equity investments was \$5 in 2017 compared with \$4 in 2016. Equity in earnings from Bendix Spicer Foundation Brake, LLC (BSFB) was \$4 in 2017 and \$2 in 2016. Equity in earnings from

Dongfeng Dana Axle Co., Ltd. (DDAC) was de minimis in 2017, inclusive of a \$3 charge for asset transfer and conversion of certain assets, and \$2 in 2016.

Noncontrolling interests net income — The increased level of earnings attributable to noncontrolling interests is generally attributable to increased earnings of the consolidated operations that are less than wholly-owned. The redeemable noncontrolling interest relates to the BFP and BPT business we acquired in the first quarter of 2017 on which we have a call option as described more fully in Note 2 of the consolidated financial statements in Item 1 of Part I.

Summary Consolidated Results of Operations (Year-to-Date, 2017 versus 2016)

	Six Months Ended June 30,				Increase/ (Decrease)
	2017		2016		
	Dollars	% of Net Sales	Dollars	% of Net Sales	
Net sales	\$ 3,541		\$ 2,995		\$ 546
Cost of sales	3,002	84.8%	2,563	85.6%	439
Gross margin	539	15.2%	432	14.4%	107
Selling, general and administrative expenses	254	7.2%	204	6.8%	50
Amortization of intangibles	5		4		1
Restructuring charges, net	12		6		6
Other income (expense), net	(9)		3		(12)
Income before interest and income taxes	259		221		38
Loss on extinguishment of debt	(6)		(17)		11
Interest income	5		5		—
Interest expense	54		57		(3)
Income before income taxes	204		152		52
Income tax expense	61		53		8
Equity in earnings of affiliates	10		4		6
Net income	153		103		50
Less: Noncontrolling interests net income	10		5		5
Less: Redeemable noncontrolling interests net loss	(3)				(3)
Net income attributable to the parent company	\$ 146		\$ 98		\$ 48

Sales — The following table shows changes in our sales by geographic region.

	Six Months Ended June 30,			Amount of Change Due To		
	2017	2016	Increase/ (Decrease)	Currency Effects	Acquisitions (Divestitures)	Organic Change
	North America	\$ 1,855	\$ 1,603	\$ 252	\$ (6)	\$ 55
Europe	1,047	858	189	(21)	131	79
South America	234	157	77	10	24	43
Asia Pacific	405	377	28	1	9	18
Total	\$ 3,541	\$ 2,995	\$ 546	\$ (16)	\$ 219	\$ 343

Sales in the first half of 2017 were \$546 higher than in 2016. Weaker international currencies decreased sales by \$16. The acquisitions of BFP, BPT, SIFCO, USM – Warren and Magnum in 2016 and 2017 generated a year-over-year increase in sales of \$241, with the divestiture of Nippon Reinz resulting in a reduction of \$22. The organic sales increase of \$343 resulted primarily from stronger light truck markets, strengthening global off-highway demand and contributions from new business. Reduced demand levels in the North America commercial vehicle market provided a partial offset to the primarily volume-related organic increase.

The North America organic sales increase of 13% was driven principally by stronger production levels on certain of our key light truck programs. Partially offsetting the higher light vehicle demand was a decline in medium/heavy truck production of about 8%.

Excluding currency effects, principally from a weaker euro and British pound, and the increased sales of \$131 attributable to the BFP and BPT acquisitions, first-half 2017 sales in Europe were 9% higher than in 2016. As a result of improving market conditions in Europe, each of our operating segments experienced increased organic sales, primarily from higher production/demand levels.

South America sales in the first half of 2017 benefited from a stronger Brazil real and increased sales from the SIFCO and BPT acquisitions. Excluding these effects, sales were up 27% from the first six months of 2016. The organic sales increase in the region was driven largely by stronger production levels, with light truck production up about 23% and medium/heavy truck production higher by 16%.

Asia Pacific sales in this year's first half were 7% higher than the same period of 2016. Sales increased by \$31 from the BPT and BFP acquisitions, more than offsetting the \$22 reduction attributable to the Nippon-Reinz divestiture. The organic sales increase of 5% in this region was due primarily to stronger light vehicle production levels and Off-Highway segment demand, along with contributions from new customer programs.

Cost of sales and gross margin — Cost of sales for the first half of 2017 increased \$439, or 17%, when compared to 2016. Similar to the factors affecting sales, the increase was primarily due to higher overall sales volumes and the inclusion of acquired businesses. Cost of sales as a percent of 2017 sales was 80 basis points lower than in the previous year. Cost of sales attributed to net acquisitions, which included \$14 of the incremental cost assigned to inventory as part of business combination accounting, amounted to \$192, or 87.7% of the sales of those businesses. Excluding the effects of acquisitions and divestitures, cost of sales as percent of sales declined from 85.6% of sales in the first half of 2016 to 84.6% of sales in 2017 – a reduction of 100 basis points. This reduction in cost of sales as a percent of sales was largely attributable to better cost absorption as the higher sales volume prompted increases in manufacturing activity. Cost of sales also benefited from material cost savings of approximately \$30 and lower warranty expense of \$6, which more than offset an increase in material commodity prices of \$19 and start-up/launch costs of \$14.

Gross margin of \$539 for 2017 increased \$107 from 2016. Gross margin as a percent of sales was 15.2% in 2017, 80 basis points higher than in 2016. Acquisitions net of divestitures added \$27 of gross margin. The margin improvement as a percent of sales was driven principally by the cost of sales factors referenced above.

Selling, general and administrative expenses (SG&A) — SG&A expenses in 2017 were \$254 (7.2% of sales) as compared to \$204 (6.8% of sales) in 2016. SG&A attributed to net acquisitions was \$33. Excluding the increase associated with acquisitions and divestitures, SG&A expenses as a percent of sales were 6.7% of sales, 10 basis points lower than the same period of 2016. The \$17 year-over-year first-half increase exclusive of net acquisitions was principally due to increased salary and benefits expenses due in part to increased performance-based incentive compensation expense in this year's second quarter. Selling costs and other discretionary spending was comparable with last year's first six months.

Amortization of intangibles — The increase of \$1 in amortization expense was primarily attributable to amortization of the intangibles acquired in the acquisitions completed in late 2016 and the first quarter of 2017.

Restructuring charges — Restructuring charges of \$12 in the first half of 2017 includes \$8 for separation cost attributable to headcount reductions in our Off-Highway segment as part of the BPT and BFP acquisition integration actions. Last year's restructuring charges included \$5 for separation and exit costs relating to the closure of our Glasgow, Kentucky Commercial Vehicle facility. Remaining amounts in both periods relate to previously announced restructuring actions.

Other income (expense), net — The following table shows the major components of Other income (expense), net.

	Six Months Ended June 30,	
	2017	2016
Government grants and incentives	\$ 4	\$ 3
Foreign exchange loss	(3)	(2)
Strategic transaction expenses	(17)	(3)
Insurance recoveries		1
Amounts attributable to previously divested/closed operations	3	
Other	4	4
Other income (expense), net	<u>\$ (9)</u>	<u>\$ 3</u>

The higher level of strategic transaction expenses in 2017 is primarily attributable to the Brevini and USM transactions which were completed in the first quarter of 2017. Amounts attributable to previously divested/closed operations includes the receipt of the remaining proceeds on our December 2016 divestiture of DCLLC. See Note 17 to our consolidated financial statements in Item 1 of Part I for additional information.

Loss on extinguishment of debt — As discussed in Note 12 to our consolidated financial statements in Item 1 of Part I, we redeemed \$100 of our September 2021 Notes and repaid certain bank debt in Brazil during the second quarter of 2017. We incurred redemption premiums of \$5 in connection with these repayments and wrote off \$1 of previously deferred financing costs associated with the debt that was extinguished. In last year's second quarter, we redeemed our February 2021 Notes and incurred a redemption premium of \$12. We also restructured our domestic revolving credit facility. In connection with these transactions, we wrote off \$5 of previously deferred financing costs.

Interest income and interest expense — Interest income was \$5 in both 2017 and 2016. Interest expense was \$54 in 2017 and \$57 in 2016. A lower average interest rate on borrowings was offset by higher average debt levels in 2017. Average debt levels were higher in the first half of 2017 than in last year's first six months, in part due to debt of \$182 assumed in connection with the acquisition of BFP and BPT. As discussed in Note 12 to our consolidated financial statements in Item 1 of Part I, we completed several financing transactions since May 2016 which in combination with cross-currency swaps effectively resulted in euro-denominated obligations at lower interest rates. Average effective interest rates, inclusive of amortization of debt issuance costs, approximated 5.7% and 6.5% in 2017 and 2016.

Income tax expense — Income tax expense for the first half was \$61 in 2017 and \$53 in 2016, resulting in effective tax rates of 30% and 35%. The effective income tax rates vary from the U.S. federal statutory rate of 35% primarily due to valuation allowances in several countries, nondeductible expenses, different statutory rates outside the U.S. and withholding taxes. Jurisdictions with effective tax rates lower than the U.S. tax rate of 35% decreased the overall effective rate in both years. Jurisdictions with valuation allowances had pre-tax losses in 2016 which increased the overall effective tax rate. Additionally, tax expense in 2016 included \$6 of amortization of a prepaid tax asset related to an intercompany transaction completed in 2015. As disclosed in Note 1 of the consolidated financial statements in Item 1 of Part I, we adopted new accounting guidance in 2017 which resulted in the prepaid tax asset at the beginning of 2017 being written off directly to retained earnings. Accordingly, there is no amortization expense relating to the prepaid tax asset in 2017.

In countries where our history of operating losses does not allow us to satisfy the “more likely than not” criterion for recognition of deferred tax assets, we have generally recognized no income tax on the pre-tax income or losses as valuation allowance adjustments offset the associated tax effects. Following the release of valuation allowances on our U.S. deferred tax assets in the fourth quarter of 2016, tax effects relating to U.S. income in 2017 are no longer being offset by adjustments to the valuation allowance. We believe that it is reasonably possible that a valuation allowance of up to \$12 related to a subsidiary in Argentina will be released in the next twelve months.

Equity in earnings of affiliates — Net earnings from equity investments was \$10 in 2017 compared with \$4 in 2016. Equity in earnings from BSFB was \$7 in 2017 and \$5 in 2016. Equity in earnings from DDAC was \$3 in 2017, inclusive of a \$3 charge for asset transfer and conversion of certain assets, and negligible in 2016.

Noncontrolling interests net income — The increased level of earnings attributable to noncontrolling interests is generally attributable to increased earnings of the consolidated operations that are less than wholly-owned. The redeemable noncontrolling interest relates to the Brevini business we acquired in the first quarter of 2017 on which we have a call option as described more fully in Note 2 of the consolidated financial statements in Item 1 of Part I.

Segment Results of Operations (2017 versus 2016)

Light Vehicle

	Three Months			Six Months		
	Sales	Segment EBITDA	Segment EBITDA Margin	Sales	Segment EBITDA	Segment EBITDA Margin
2016	\$ 669	\$ 71	10.6%	\$ 1,282	\$ 129	10.1%
Volume and mix	104	21		245	45	
Acquisition	30	5		41	6	
Performance	3	(4)		5	8	
Currency effects	(3)			(9)	(6)	
2017	\$ 803	\$ 93	11.6%	\$ 1,564	\$ 182	11.6%

Light Vehicle sales in the second quarter and first six months of 2017 were reduced by currency translation effects, primarily as a result of a weaker British pound, Mexican peso and Argentine peso partially offset by a stronger South African rand and Thai baht. Exclusive of currency and the increased sales from the acquisition of USM – Warren on March 1 of this year, second-quarter 2017 sales were 16% higher than last year, with six-month year-over year sales up 20%. The volume-related sales increase was driven primarily by stronger production levels, content increases and favorable model mix on certain of our significant full frame light truck programs in North America, resulting in sales growth that exceeded overall higher North America full frame light truck production of 2% and 4% compared with last year's second quarter and first half. Sales in this segment also benefited from new customer programs, including the transfer of a program previously supported by our Commercial Vehicle segment that moved to Light Vehicle in mid-2016 when the axle used to support the program was replaced with an axle produced by the Light Vehicle segment. This program increased Light Vehicle year-over year second quarter 2017 sales by \$25 and six month year-to-date sales by \$49. Stronger light truck production levels in Europe, South America and Asia Pacific also contributed to higher sales volumes. Customer pricing and cost recovery impacts increased year-over-year second quarter and six-month sales by \$3 and \$5.

Light Vehicle segment EBITDA increased by \$22 and \$53 in this year's second quarter and first six months when compared to the same periods of 2016. Higher sales volumes provided a benefit of \$21 and \$45, while the acquisition of USM – Warren contributed \$5 and \$6. The year-over-year performance-related earnings reduction in the second quarter was driven by \$7 of increased commodity costs and \$7 of start-up and launch-related costs. Partially offsetting these higher costs were pricing and material recovery actions that increased segment EBITDA by \$3 and material cost initiatives that provided increased savings of \$7. Performance-related earnings for the first half of this year were \$8 better than the same period of 2016. Increased commodity costs of \$9 and start-up and launch costs of \$14 were more than offset by improved earnings of \$5 from pricing and material recovery actions, savings of \$15 from material cost reduction initiatives and other net cost savings of \$11.

Commercial Vehicle

	Three Months			Six Months		
	Sales	Segment EBITDA	Segment EBITDA Margin	Sales	Segment EBITDA	Segment EBITDA Margin
2016	\$ 349	\$ 32	9.2%	\$ 682	\$ 58	8.5%
Volume and mix	(7)	(1)		(31)	(6)	
Acquisition	10			20	(3)	
Performance	3	1		6	15	
Currency effects	2	(2)		9	(6)	
2017	\$ 357	\$ 30	8.4%	\$ 686	\$ 58	8.5%

Currency effects which increased sales in the second quarter and first six months of 2017 were primarily due to a year-over-year stronger Brazil real. The increased sales from acquisition in the year-over year 2017 periods relates to the purchase of SIFCO business late in 2016. After adjusting for the effects of currency and acquisitions, year-over-year 2017 sales in our Commercial Vehicle segment decreased 1% in this year's second quarter and 4% for the six-month period. The volume-related reduction was primarily attributable to lower sales in North America, where second-quarter and six-month Class 8 production was down 11% and 16%, and the transfer of a program having sales of \$25 and \$49 in last year's second quarter and first half to the Light Vehicle segment who began supplying the axle for the program in mid-2016. Partially offsetting these reductions

were stronger medium duty Classes 5-7 production, stronger end market demand in Brazil and Europe and increased sales with customers in the specialty segment.

Commercial Vehicle segment EBITDA declined by \$2 in this year's second quarter when compared to 2016, while six-month segment EBITDA was the same as last year. Although sales benefited from currency translation, segment EBITDA was negatively impacted by currency transaction losses in both the second quarter and six-month year-over-year periods. Lower sales volumes reduced 2017 second-quarter and six-month 2017 earnings by \$1 and \$6. Material recovery pricing actions of \$3 and savings from material cost reduction initiatives of \$3 improved year-over-year second quarter performance-related segment EBITDA. These benefits were partially offset by higher commodity costs of \$4 and other net cost increases of \$1. Performance-related EBITDA for this year's first six months benefited by \$6 from pricing and material recovery actions, \$8 of lower warranty expense and \$5 of material cost savings, more than offsetting higher material commodity costs of \$4.

Off-Highway

	Three Months			Six Months		
	Sales	Segment EBITDA	Segment EBITDA Margin	Sales	Segment EBITDA	Segment EBITDA Margin
2016	\$ 252	\$ 37	14.7%	\$ 493	\$ 69	14.0%
Volume and mix	40	7		66	13	
Acquisition	110	12		179	18	
Performance	(2)	2		(5)	3	
Currency effects	(5)	(1)		(10)	(1)	
2017	\$ 395	\$ 57	14.4%	\$ 723	\$ 102	14.1%

Reduced sales from currency effects were primarily from a weaker euro. The increased sales from acquisition resulted from the purchase of the Brevini BPT and BFP operations on February 1, 2017. After adjusting sales for these two items, year-over-year sales in this year's second quarter and first six months were higher by 15% and 12% compared to 2016, primarily from higher global end-market demand.

Off-Highway segment EBITDA increased by \$20 in this year's second quarter and by \$33 in this year's first half compared with the same periods of 2016. The BPT and BFP acquisitions contributed \$12 and \$18 of the year-over-year increases. The performance-related earnings improvement in this year's second quarter and first six months resulted principally from year-over-year material cost savings of \$1 in the second quarter and \$5 for the first six months, which more than offset reduced customer pricing and other items.

Power Technologies

	Three Months			Six Months		
	Sales	Segment EBITDA	Segment EBITDA Margin	Sales	Segment EBITDA	Segment EBITDA Margin
2016	\$ 276	\$ 43	15.6%	\$ 538	\$ 78	14.5%
Volume and mix	26	6		59	18	
Divestiture	(11)	(1)		(21)	(2)	
Performance	(2)	(6)		(2)	(2)	
Currency effects	(4)	(1)		(6)	(1)	
2017	\$ 285	\$ 41	14.4%	\$ 568	\$ 91	16.0%

Power Technologies primarily serves the light vehicle market but also sells product to the medium/heavy truck and off-highway markets. Net of currency effects and the lower sales from the Nippon Reinz divestiture in the fourth quarter of 2016, sales in the second quarter and first six months of 2017 increased 9% and 11%, primarily due to overall stronger market demand and new customer programs.

Segment EBITDA in this year's second quarter was lower by \$2 when compared to the same period of 2016, with six-month year-to-date segment earnings up by \$13. A reduction of \$6 in year-over-year second quarter performance-related earnings was driven by higher commodity costs of \$3, customer pricing reductions of \$2 and other net cost increases of \$1. For the comparative six-month period, higher commodity costs of \$6 and customer pricing reductions of \$2 were partially offset by

savings from material cost reduction initiatives of \$5 and other net cost savings of \$1.

Non-GAAP Financial Measures

Adjusted EBITDA

We have defined adjusted EBITDA as net income before interest, taxes, depreciation, amortization, equity grant expense, restructuring expense and other adjustments not related to our core operations (gain/loss on debt extinguishment, pension settlements, divestitures, impairment, etc.). Adjusted EBITDA is a measure of our ability to maintain and continue to invest in our operations and provide shareholder returns. We use adjusted EBITDA in assessing the effectiveness of our business strategies, evaluating and pricing potential acquisitions and as a factor in making incentive compensation decisions. In addition to its use by management, we also believe adjusted EBITDA is a measure widely used by securities analysts, investors and others to evaluate financial performance of our company relative to other Tier 1 automotive suppliers. Adjusted EBITDA should not be considered a substitute for income before income taxes, net income or other results reported in accordance with GAAP. Adjusted EBITDA may not be comparable to similarly titled measures reported by other companies.

The following table provides a reconciliation of net income to adjusted EBITDA.

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Net income	\$ 73	\$ 55	\$ 153	\$ 103
Equity in earnings of affiliates	5	4	10	4
Income tax expense	31	29	61	53
Income before income taxes	99	80	204	152
Depreciation and amortization	58	45	110	88
Restructuring	10	5	12	6
Interest expense, net	25	28	49	52
Other*	25	20	47	28
Adjusted EBITDA	\$ 217	\$ 178	\$ 422	\$ 326

* Other includes stock compensation expense, strategic transaction expenses, distressed supplier costs, amounts attributable to previously divested/closed operations, acquisition related inventory adjustments and other items. See Note 18 to our consolidated financial statements in Item 1 of Part I for additional details.

Free Cash Flow

We have defined free cash flow as cash provided by operating activities less purchases of property, plant and equipment. We believe this measure is useful to investors in evaluating the operational cash flow of the company inclusive of the spending required to maintain the operations. Free cash flow is neither intended to represent nor be an alternative to the measure of net cash provided by operating activities reported under GAAP. Free cash flow may not be comparable to similarly titled measures reported by other companies.

The following table reconciles net cash flows provided by operating activities to free cash flow.

	Three Months Ended June 30,		Six Months Ended June 30,	
	2017	2016	2017	2016
Net cash provided by operating activities	\$ 169	\$ 167	\$ 180	\$ 140
Purchases of property, plant and equipment	(73)	(59)	(169)	(130)
Free cash flow	\$ 96	\$ 108	\$ 11	\$ 10

Liquidity

The following table provides a reconciliation of cash and cash equivalents to liquidity, a non-GAAP measure, at June 30, 2017:

Cash and cash equivalents	\$	568
Less: Deposits supporting obligations		(6)
Available cash		562
Additional cash availability from revolving facility		477
Marketable securities		36
Total liquidity	\$	1,075

Cash deposits are maintained to provide credit enhancement for certain agreements and are reported as part of cash and cash equivalents. For most of these deposits, the cash may be withdrawn if a comparable security is provided in the form of letters of credit. Accordingly, these deposits are not considered to be restricted.

Marketable securities are included as a component of liquidity as these investments can be readily liquidated at our discretion.

The components of our June 30, 2017 consolidated cash balance were as follows:

	U.S.	Non-U.S.	Total
Cash and cash equivalents	\$ 104	\$ 339	\$ 443
Cash and cash equivalents held as deposits		6	6
Cash and cash equivalents held at less than wholly-owned subsidiaries	2	117	119
Consolidated cash balance	\$ 106	\$ 462	\$ 568

A portion of the non-U.S. cash and cash equivalents is utilized for working capital and other operating purposes. Several countries have local regulatory requirements that significantly restrict the ability of our operations to repatriate this cash. Beyond these restrictions, there are practical limitations on repatriation of cash from certain subsidiaries because of the resulting tax withholdings and subsidiary by-law restrictions which could limit our ability to access cash and other assets.

The principal sources of liquidity available for our future cash requirements are expected to be (i) cash flows from operations, (ii) cash and cash equivalents on hand and (iii) borrowings from our revolving facility. We believe that our overall liquidity and operating cash flow will be sufficient to meet our anticipated cash requirements for capital expenditures, working capital, debt obligations, common stock repurchases and other commitments during the next twelve months. While uncertainty surrounding the current economic environment could adversely impact our business, based on our current financial position, we believe it is unlikely that any such effects would preclude us from maintaining sufficient liquidity.

In April 2017, Dana Financing Luxembourg S.à r.l. (DFL) completed the issuance of \$400 of its April 2025 Notes. Net proceeds of the offering totaled \$394. The proceeds from the offering were used to repay indebtedness of our BPT and BFP subsidiaries, repay indebtedness of a wholly-owned subsidiary in Brazil, redeem \$100 of our September 2021 Notes and for general corporate purposes. The September 2021 Notes were redeemed on April 4, 2017 at a price equal to 104.031% plus accrued and unpaid interest.

At June 30, 2017, we had no outstanding borrowings under the Revolving Facility but we had utilized \$23 for letters of credit. We had availability at June 30, 2017 under the Revolving Facility of \$477 after deducting the outstanding letters of credit.

At June 30, 2017, we were in compliance with the covenants of our financing agreements. Under the Revolving Facility and our senior notes, we are required to comply with certain incurrence-based covenants customary for facilities of these types. The incurrence-based covenants in the Revolving Facility permit us to, among other things, (i) issue foreign subsidiary indebtedness, (ii) incur general secured indebtedness subject to a pro forma first lien net leverage ratio not to exceed 1.50:1.00 in the case of first lien debt and a pro forma secured net leverage ratio of 2.50:1.00 in the case of other secured debt and (iii) incur additional unsecured debt subject to a pro forma total net leverage ratio not to exceed 3.50:1.00. We may also make dividend payments in respect of our common stock as well as certain investments and acquisitions subject to a pro forma total net leverage ratio of 2.75:1.00. In addition, the Revolving Facility is subject to a financial covenant requiring us to maintain a

first lien net leverage ratio not to exceed 2.00:1.00. The indentures governing the senior notes include other incurrence-based covenants that may subject us to additional specified limitations.

We did not repurchase any shares during the first half of 2017 under our existing \$1,700 common stock share repurchase program. Approximately \$219 remains available under the program for future share repurchases.

From time to time, depending upon market, pricing and other conditions, as well as our cash balances and liquidity, we may seek to acquire our senior notes or other indebtedness or our common stock through open market purchases, privately negotiated transactions, tender offers, exchange offers or otherwise, upon such terms and at such prices as we may determine (or as may be provided for in the indentures governing the notes), for cash, securities or other consideration. There can be no assurance that we will pursue any such transactions in the future, as the pursuit of any alternative will depend upon numerous factors such as market conditions, our financial performance and the limitations applicable to such transactions under our financing and governance documents.

Cash Flow

	Six Months Ended June 30,	
	2017	2016
Cash used for changes in working capital	\$ (104)	\$ (83)
Other cash provided by operations	284	223
Net cash provided by operating activities	180	140
Net cash used in investing activities	(352)	(150)
Net cash provided by (used in) financing activities	3	(47)
Net decrease in cash and cash equivalents	<u>\$ (169)</u>	<u>\$ (57)</u>

The table above summarizes our consolidated statement of cash flows.

Operating activities — Exclusive of working capital, other cash provided by operations was \$284 and \$223 in 2017 and 2016. The year-over-year increase in other cash provided by operations is primarily attributable to higher operating earnings in 2017. Partially offsetting the stronger earnings performance were increased 2017 payments for restructuring actions and transaction costs associated with acquisitions.

Working capital used cash of \$104 and \$83 in 2017 and 2016. Cash of \$242 and \$138 was used to finance increased receivables in 2017 and 2016. The higher level of cash required for receivables in 2017 was due primarily to higher year-over-year second-quarter sales. Cash of \$41 and \$31 was used to fund higher inventory levels in 2017 and 2016. Partially offsetting cash used for higher receivables and inventory in both 2017 and 2016 was cash provided by increases in accounts payable and other net liabilities of \$179 and \$86.

Investing activities — Expenditures for property, plant and equipment were \$169 and \$130 in 2017 and 2016. During 2017, we paid \$106, net of cash acquired, to acquire 80% ownership interests in BFP and BPT and \$78 to acquire USM – Warren. During 2016, we paid \$18 to acquire the aftermarket distribution business of Magnum. During 2017 and 2016, purchases of marketable securities were funded by proceeds from sales and maturities of marketable securities.

Financing activities — During 2017, DFL completed the issuance of \$400 of senior notes and paid financing costs of \$6 related to the senior notes. We redeemed \$100 of our September 2021 Notes at a \$4 premium, repaid indebtedness of a wholly-owned subsidiary in Brazil at a premium of \$1 and repaid indebtedness of our BPT and BFP subsidiaries. During 2016, DFL completed the issuance of \$375 of senior notes and paid financing costs of \$7 related to the senior notes. We redeemed all of our February 2021 Notes at a \$12 premium and made scheduled repayments of \$26 and took out \$66 of additional long-term debt at international locations. Also during 2016, we paid financing costs of \$3 related to our Amended Revolving Facility. We used \$17 and \$18 for dividend payments to common stockholders in 2017 and 2016. We used \$81 to repurchase 6,612,537 common shares in 2016.

Off-Balance Sheet Arrangements

There have been no material changes at June 30, 2017 in our off-balance sheet arrangements from those reported or estimated in the disclosures in Item 7 of our 2016 Form 10-K.

Contractual Obligations

The acquisition of 80% ownership interests in Brevini Fluid Power S.p.A. (BFP) and Brevini Power Transmission S.p.A. (BPT) from Brevini Group S.p.A. (Brevini) in February 2017 included the assumption of approximately \$293 of liabilities, increasing our contractual obligations at June 30, 2017 versus those reported in Item 7 of our 2016 Form 10-K. The terms of the related agreement provide Dana the right to call the noncontrolling interests in BFP and BPT held by Brevini, and Brevini the right to put its noncontrolling interests in BFP and BPT to Dana, assuming Dana does not exercise its call rights, at dates and prices defined in the agreement. The redemption value of the redeemable noncontrolling interests in BFP and BPT was \$46 at June 30, 2017. In connection with the acquisition of BFP and BPT, Dana agreed to purchase certain real estate currently being leased by BPT from a Brevini affiliate for €25 in the event that sale to a third party has not occurred by November 1, 2017. See Notes 2 and 7 to our consolidated financial statements in Item 1 of Part I for additional information.

The issuance of \$400 of April 2025 Notes in early April 2017 and the subsequent use of the related proceeds to repay indebtedness extended the maturities on nearly \$400 of indebtedness at significantly lower interest rates. See Note 12 to our consolidated financial statements in Item 1 of Part I for additional information.

Contingencies

For a summary of litigation and other contingencies, see Note 14 to our consolidated financial statements in Item 1 of Part I. We believe that any liabilities beyond the amounts already accrued that may result from these contingencies will not have a material adverse effect on our liquidity, financial condition or results of operations.

Critical Accounting Estimates

The preparation of our consolidated financial statements in accordance with GAAP requires us to use estimates and make judgments and assumptions about future events that affect the reported amounts of assets, liabilities, revenue, expenses and the related disclosures. There have been no material changes in the application of our significant accounting policies or critical accounting estimates. Our significant accounting policies are described in Note 1 to our consolidated financial statements in Item 1 of Part I, as well as in Note 1 to our consolidated financial statements in Item 8 of our 2016 Form 10-K. Our critical accounting estimates are described in Item 7 of our 2016 Form 10-K.

Item 3. *Quantitative and Qualitative Disclosures About Market Risk*

During April 2017, we issued \$400 of April 2025 Notes through a wholly-owned subsidiary, Dana Financing Luxembourg S.à r.l. In conjunction with the issuance, we executed fixed-to-fixed cross-currency swaps with the same critical terms as the April 2025 Notes. We used the \$394 of proceeds from the April 2025 Notes to repay a portion of the indebtedness of Brevini Fluid Power S.p.A. and Brevini Power Transmission S.p.A., to repay indebtedness of a subsidiary in Brazil and to redeem \$100 of our September 2021 Notes. See Notes 12 and 13 to our consolidated financial statements in Item 1 of Part I for additional information.

Other than the refinancing activities described above, there have been no material changes to market risk exposures related to changes in currency exchange rates, interest rates or commodity costs from those discussed in Item 7A of our 2016 Form 10-K.

Item 4. *Controls and Procedures*

Disclosure controls and procedures — We maintain disclosure controls and procedures that are designed to ensure that the information disclosed in the reports we file with the SEC under the Securities Exchange Act of 1934, as amended (the Exchange Act), is recorded, processed, summarized and reported within the time periods specified in the SEC's rules and forms and that such information is accumulated and communicated to our management, including our Chief Executive Officer (CEO) and Chief Financial Officer (CFO), as appropriate, to allow timely decisions regarding required disclosure.

Our management, with the participation of our CEO and CFO, has evaluated the effectiveness of our disclosure controls and procedures as of the end of the period covered by this Report on Form 10-Q. Our CEO and CFO have concluded that, as of the end of the period covered by this Report on Form 10-Q, our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) were effective.

Changes in internal control over financial reporting — There was no change in our internal control over financial reporting that occurred during our fiscal quarter ended June 30, 2017 that has materially affected, or is reasonably likely to materially

affect, our internal control over financial reporting. During the quarter ended March 31, 2017, we acquired Warren Manufacturing LLC (USM – Warren) and 80% ownership interests in Brevini Fluid Power S.p.A. (BFP) and Brevini Power Transmission S.p.A. (BPT) and are currently integrating USM – Warren, BFP and BPT into our operations, compliance programs and internal control processes. As permitted by SEC guidance, management intends to exclude USM – Warren, BFP and BPT from its assessment of internal controls over financial reporting as of December 31, 2017.

CEO and CFO certifications — The certifications of our CEO and CFO that are attached to this report as Exhibits 31.1 and 31.2 include information about our disclosure controls and procedures and internal control over financial reporting. These certifications should be read in conjunction with the information contained in this Item 4 and in Item 9A of Part II of our 2016 Form 10-K for a more complete understanding of the matters covered by the certifications.

PART II – OTHER INFORMATION

Item 1. Legal Proceedings

We are a party to various pending judicial and administrative proceedings that arose in the ordinary course of business. After reviewing the currently pending lawsuits and proceedings (including the probable outcomes, reasonably anticipated costs and expenses and our established reserves for uninsured liabilities), we do not believe that any liabilities that may result from these proceedings are reasonably likely to have a material adverse effect on our liquidity, financial condition or results of operations. Legal proceedings are also discussed in Note 14 to our consolidated financial statements in Item 1 of Part I of this Form 10-Q.

Item 1A. Risk Factors

There have been no material changes in our risk factors disclosed in Item 1A of our 2016 Form 10-K.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Issuer's purchases of equity securities — Our \$1,700 Board of Directors approved common stock share repurchase program expires on December 31, 2017. We repurchase shares utilizing available excess cash either in the open market or through privately negotiated transactions. The stock repurchases are subject to prevailing market conditions and other considerations. No shares of our common stock were repurchased under the program during the first half of 2017. Approximately \$219 remained available under the program for future share repurchases as of June 30, 2017.

Item 6. Exhibits

The Exhibits listed in the “Exhibit Index” are filed or furnished with this report.

SIGNATURES

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

DANA INCORPORATED

Date: July 31, 2017

By: /s/ Jonathan M. Collins

Jonathan M. Collins
Executive Vice President and
Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description
3.1	Second Restated Certification of Incorporation of Dana Incorporated. Filed as Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed October 31, 2014 and incorporated by reference herein.
3.2	Certificate of Amendment to the Second Restated Certificate of Incorporation of Dana Incorporated, effective as of August 1, 2016. Filed as Exhibit 3.1 to the Registrant's Current Report on Form 8-K filed August 1, 2016 and incorporated by reference herein.
3.3	Amended and Restated Bylaws of Dana Incorporated, effective as of August 1, 2016. Filed as Exhibit 3.2 to the Registrant's Current Report on Form 8-K filed August 1, 2016 and incorporated by reference herein.
4.1	Indenture dated April 4, 2017, among Dana Luxembourg Financing S.à r.l., Dana Incorporated and Wells Fargo Bank, National Association, as trustee. Filed as Exhibit 4.1 to the Registrant's Current Report on Form 8-K filed April 4, 2017 and incorporated by reference herein.
31.1	Rule 13a-14(a)/15d-14(a) Certification of Chief Executive Officer. Filed with this Report.
31.2	Rule 13a-14(a)/15d-14(a) Certification of Chief Financial Officer. Filed with this Report.
32	Section 1350 Certifications (pursuant to Section 906 of the Sarbanes-Oxley Act of 2002). Filed with this Report.
101	The following materials from Dana Incorporated's Quarterly Report on Form 10-Q for the quarter ended June 30, 2017, formatted in XBRL (Extensible Business Reporting Language): (i) the Consolidated Statement of Operations, (ii) the Consolidated Statement of Comprehensive Income, (iii) the Consolidated Balance Sheet, (iv) the Consolidated Statement of Cash Flows and (v) Notes to the Consolidated Financial Statements. Filed with this Report.

Certification of Chief Executive Officer

I, James K. Kamsickas, certify that:

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

Date: July 31, 2017

/s/ James K. Kamsickas

James K. Kamsickas

President and Chief Executive Officer

Certification of Chief Financial Officer

I, Jonathan M. Collins, certify that:

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

Date: July 31, 2017

/s/ Jonathan M. Collins

Jonathan M. Collins

Executive Vice President and Chief Financial Officer

Certifications Pursuant to 18 U.S.C. Section 1350

In connection with the Quarterly Report of Dana Incorporated (Dana) on Form 10-Q for the three months ended June 30, 2017, as filed with the Securities and Exchange Commission on the date hereof (the Report), each of the undersigned officers of Dana certifies pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to such officer's knowledge:

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

Date: July 31, 2017

/s/ James K. Kamsickas

James K. Kamsickas
President and Chief Executive Officer

/s/ Jonathan M. Collins

Jonathan M. Collins
Executive Vice President and Chief Financial Officer